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Introduction

Johann Theodor Peters (1869–1941) was a German astronomer and computer of mathematical and astronomical tables. In 1910 and 1911, together with Julius Bauschinger, he published the first widely available 8-place table of logarithms [15]. This work was the basis of many later tables, most of which have been reconstructed by us.[1]

The 8-place table was itself based on a 12-place manuscript table, which was again used by Peters in the preparation of a new 7-place table of logarithms of trigonometrical functions for every second of the quadrant and published in 1911 [36].

In 1919, Peters published a table of the logarithms of the trigonometrical functions to 10 places for every thousandth of a degree [42]. This table was based on another 12-place table extracted from Briggs's table [17].

The 12-place table was in turn used as a basis for two new tables, the present 6-place table, and another one giving the logarithms to seven places [44], both published in 1921, and with an identical layout. Both tables give the logarithms at $0^\circ.001$ intervals. The rounded values had to be recomputed in a few instances.

The main purpose of this new 6-place table was to provide a table with easy interpolation, as the interval between values is only $3.6''$, that is a thousandth of a degree.

Each page gives the four functions sine, cosine, tangent and cotangent for 51 consecutive angular values. The values of the auxiliary functions

$$S = \log\left(\frac{\sin x}{x}\right) + 10 \tag{1}$$

$$T = \log\left(\frac{\tan x}{x}\right) + 10 \tag{2}$$

are given from 0° to $0^\circ.4$, x being in degrees. Differences and interpolation tables are given in certain ranges.

The volume ends with an extensive summary of trigonometric formulæ, as well as methods for solving equations, tables of mathematical and geodetical constants, and a table for the conversion of fractions of degrees into sexagesimal minutes and seconds. These tables have not (yet) been reproduced in our reconstruction. They were reused in Peters's last published volume in 1941 [57].

[1] For more information on Peters's tables, we refer the reader to our summary [90].

0°.000—0°.050

0°	sin	S	tang	T	cotg	cos	
.000	—	8.241 877	—	8.241 877	—	0.000 000	*000
001	5.241 877	8.241 877	5.241 877	8.241 877	4.758 123	0.000 000	999
002	5.542 907	8.241 877	5.542 907	8.241 877	4.457 093	0.000 000	998
003	5.718 999	8.241 877	5.718 999	8.241 877	4.281 001	0.000 000	997
004	5.843 937	8.241 877	5.843 937	8.241 877	4.156 063	0.000 000	996
005	5.940 847	8.241 877	5.940 847	8.241 877	4.059 153	0.000 000	995
006	6.020 029	8.241 877	6.020 029	8.241 877	3.979 971	0.000 000	994
007	6.086 975	8.241 877	6.086 975	8.241 877	3.913 025	0.000 000	993
008	6.144 967	8.241 877	6.144 967	8.241 877	3.855 033	0.000 000	992
009	6.196 120	8.241 877	6.196 120	8.241 877	3.803 880	0.000 000	991
.010	6.241 877	8.241 877	6.241 877	8.241 877	3.758 123	0.000 000	.990
011	6.283 270	8.241 877	6.283 270	8.241 877	3.716 730	0.000 000	989
012	6.321 059	8.241 877	6.321 059	8.241 877	3.678 941	0.000 000	988
013	6.355 821	8.241 877	6.355 821	8.241 877	3.644 179	0.000 000	987
014	6.388 005	8.241 877	6.388 005	8.241 877	3.611 995	0.000 000	986
015	6.417 969	8.241 877	6.417 969	8.241 877	3.582 031	0.000 000	985
016	6.445 997	8.241 877	6.445 997	8.241 877	3.554 003	0.000 000	984
017	6.472 326	8.241 877	6.472 326	8.241 877	3.527 674	0.000 000	983
018	6.497 150	8.241 877	6.497 150	8.241 877	3.502 850	0.000 000	982
019	6.520 631	8.241 877	6.520 631	8.241 877	3.479 369	0.000 000	981
.020	6.542 907	8.241 877	6.542 907	8.241 877	3.457 093	0.000 000	.980
021	6.564 097	8.241 877	6.564 097	8.241 877	3.435 903	0.000 000	979
022	6.584 300	8.241 877	6.584 300	8.241 877	3.415 700	0.000 000	978
023	6.603 605	8.241 877	6.603 605	8.241 877	3.396 395	0.000 000	977
024	6.622 089	8.241 877	6.622 089	8.241 877	3.377 911	0.000 000	976
025	6.639 817	8.241 877	6.639 817	8.241 877	3.360 183	0.000 000	975
026	6.656 851	8.241 877	6.656 851	8.241 877	3.343 149	0.000 000	974
027	6.673 241	8.241 877	6.673 241	8.241 877	3.326 759	0.000 000	973
028	6.689 035	8.241 877	6.689 035	8.241 877	3.310 965	0.000 000	972
029	6.704 275	8.241 877	6.704 275	8.241 877	3.295 725	0.000 000	971
.030	6.718 999	8.241 877	6.718 999	8.241 877	3.281 001	0.000 000	.970
031	6.733 239	8.241 877	6.733 239	8.241 877	3.266 761	0.000 000	969
032	6.747 027	8.241 877	6.747 027	8.241 877	3.252 973	0.000 000	968
033	6.760 391	8.241 877	6.760 391	8.241 877	3.239 609	0.000 000	967
034	6.773 356	8.241 877	6.773 356	8.241 877	3.226 644	0.000 000	966
035	6.785 945	8.241 877	6.785 945	8.241 877	3.214 055	0.000 000	965
036	6.798 180	8.241 877	6.798 180	8.241 877	3.201 820	0.000 000	964
037	6.810 079	8.241 877	6.810 079	8.241 877	3.189 921	0.000 000	963
038	6.821 661	8.241 877	6.821 661	8.241 877	3.178 339	0.000 000	962
039	6.832 942	8.241 877	6.832 942	8.241 877	3.167 058	0.000 000	961
.040	6.843 937	8.241 877	6.843 937	8.241 877	3.156 063	0.000 000	.960
041	6.854 661	8.241 877	6.854 661	8.241 877	3.145 339	0.000 000	959
042	6.865 127	8.241 877	6.865 127	8.241 877	3.134 873	0.000 000	958
043	6.875 346	8.241 877	6.875 346	8.241 877	3.124 654	0.000 000	957
044	6.885 330	8.241 877	6.885 330	8.241 877	3.114 670	0.000 000	956
045	6.895 090	8.241 877	6.895 090	8.241 877	3.104 910	0.000 000	955
046	6.904 635	8.241 877	6.904 635	8.241 877	3.095 365	0.000 000	954
047	6.913 975	8.241 877	6.913 975	8.241 877	3.086 025	0.000 000	953
048	6.923 119	8.241 877	6.923 119	8.241 877	3.076 881	0.000 000	952
049	6.932 073	8.241 877	6.932 074	8.241 877	3.067 926	0.000 000	951
.050	6.940 847	8.241 877	6.940 847	8.241 877	3.059 153	0.000 000	.950
	cos		cotg		tang	sin	89°

90°.000—89°.950

Figure 1: Excerpt of Peters's table.

0°.200—0°.250

0°	sin	d	S	tang	d	T	cotg	cos	
.200	7.542 906	2167	8.241 876	7.542 909	2166	8.241 879	2.457 091	9.999 997	.800
201	7.545 073	2155	8.241 876	7.545 075	2156	8.241 879	2.454 925	9.999 997	799
202	7.547 228	2144	8.241 876	7.547 231	2144	8.241 879	2.452 769	9.999 997	798
203	7.549 372	2135	8.241 876	7.549 375	2134	8.241 879	2.450 625	9.999 997	797
204	7.551 507	2123	8.241 876	7.551 509	2124	8.241 879	2.448 491	9.999 997	796
205	7.553 630	2114	8.241 876	7.553 633	2113	8.241 879	2.446 367	9.999 997	795
206	7.555 744	2103	8.241 876	7.555 746	2104	8.241 879	2.444 254	9.999 997	794
207	7.557 847	2093	8.241 876	7.557 850	2093	8.241 879	2.442 150	9.999 997	793
208	7.559 940	2083	8.241 876	7.559 943	2083	8.241 879	2.440 057	9.999 997	792
209	7.562 023	2073	8.241 876	7.562 026	2073	8.241 879	2.437 974	9.999 997	791
.210	7.564 096	2063	8.241 876	7.564 099	2063	8.241 879	2.435 901	9.999 997	.790
211	7.566 159	2053	8.241 876	7.566 162	2053	8.241 879	2.433 838	9.999 997	789
212	7.568 212	2044	8.241 876	7.568 215	2044	8.241 879	2.431 785	9.999 997	788
213	7.570 256	2034	8.241 876	7.570 259	2034	8.241 879	2.429 741	9.999 997	787
214	7.572 290	2025	8.241 876	7.572 293	2025	8.241 879	2.427 707	9.999 997	786
215	7.574 315	2015	8.241 876	7.574 318	2015	8.241 879	2.425 682	9.999 997	785
216	7.576 330	2006	8.241 876	7.576 333	2006	8.241 879	2.423 667	9.999 997	784
217	7.578 336	1997	8.241 876	7.578 339	1997	8.241 879	2.421 661	9.999 997	783
218	7.580 333	1987	8.241 876	7.580 336	1988	8.241 879	2.419 664	9.999 997	782
219	7.582 320	1979	8.241 876	7.582 324	1978	8.241 879	2.417 676	9.999 997	781
.220	7.584 299	1970	8.241 876	7.584 302	1970	8.241 880	2.415 698	9.999 997	.780
221	7.586 269	1960	8.241 876	7.586 272	1961	8.241 880	2.413 728	9.999 997	779
222	7.588 229	1952	8.241 876	7.588 233	1951	8.241 880	2.411 767	9.999 997	778
223	7.590 181	1943	8.241 876	7.590 184	1944	8.241 880	2.409 816	9.999 997	777
224	7.592 124	1935	8.241 876	7.592 128	1934	8.241 880	2.407 872	9.999 997	776
225	7.594 059	1926	8.241 876	7.594 062	1926	8.241 880	2.405 938	9.999 997	775
226	7.595 985	1917	8.241 876	7.595 988	1917	8.241 880	2.404 012	9.999 997	774
227	7.597 902	1909	8.241 876	7.597 905	1910	8.241 880	2.402 095	9.999 997	773
228	7.599 811	1901	8.241 876	7.599 815	1900	8.241 880	2.400 185	9.999 997	772
229	7.601 712	1892	8.241 876	7.601 715	1893	8.241 880	2.398 285	9.999 997	771
.230	7.603 604	1884	8.241 876	7.603 608	1884	8.241 880	2.396 392	9.999 997	.770
231	7.605 488	1876	8.241 876	7.605 492	1876	8.241 880	2.394 508	9.999 996	769
232	7.607 364	1868	8.241 876	7.607 368	1868	8.241 880	2.392 632	9.999 996	768
233	7.609 232	1860	8.241 876	7.609 236	1860	8.241 880	2.390 764	9.999 996	767
234	7.611 092	1852	8.241 876	7.611 096	1852	8.241 880	2.388 904	9.999 996	766
235	7.612 944	1844	8.241 876	7.612 948	1844	8.241 880	2.387 052	9.999 996	765
236	7.614 788	1836	8.241 876	7.614 792	1836	8.241 880	2.385 208	9.999 996	764
237	7.616 624	1829	8.241 876	7.616 628	1829	8.241 880	2.383 372	9.999 996	763
238	7.618 453	1821	8.241 876	7.618 457	1821	8.241 880	2.381 543	9.999 996	762
239	7.620 274	1813	8.241 876	7.620 278	1813	8.241 880	2.379 722	9.999 996	761
.240	7.622 087	1806	8.241 876	7.622 091	1806	8.241 880	2.377 909	9.999 996	.760
241	7.623 893	1798	8.241 876	7.623 897	1798	8.241 880	2.376 103	9.999 996	759
242	7.625 691	1791	8.241 876	7.625 695	1791	8.241 880	2.374 305	9.999 996	758
243	7.627 482	1784	8.241 876	7.627 486	1784	8.241 880	2.372 514	9.999 996	757
244	7.629 266	1776	8.241 876	7.629 270	1776	8.241 880	2.370 730	9.999 996	756
245	7.631 042	1769	8.241 876	7.631 046	1769	8.241 880	2.368 954	9.999 996	755
246	7.632 811	1762	8.241 876	7.632 815	1762	8.241 880	2.367 185	9.999 996	754
247	7.634 573	1755	8.241 876	7.634 577	1755	8.241 880	2.365 423	9.999 996	753
248	7.636 328	1747	8.241 876	7.636 332	1747	8.241 880	2.363 668	9.999 996	752
249	7.638 075	1741	8.241 876	7.638 079	1741	8.241 880	2.361 921	9.999 996	751
.250	7.639 816		8.241 876	7.639 820		8.241 880	2.360 180	9.999 996	.750
	cos	d		cotg	d		tang	sin	89°

89°.800—89°.750

6

Figure 2: Excerpt of Peters's table.

0°.400—0°.450

0°	sin	d	tang	d	cotg	cos	d	
.400	7.843 934	1084	7.843 944	1085	2.156 056	9.999 989	0	.600
401	7.845 018	1082	7.845 029	1082	2.154 971	9.999 989	0	599
402	7.846 100	1079	7.846 111	1079	2.153 889	9.999 989	0	598
403	7.847 179	1076	7.847 190	1076	2.152 810	9.999 989	0	597
404	7.848 255	1074	7.848 266	1074	2.151 734	9.999 989	0	596
405	7.849 329	1071	7.849 340	1071	2.150 660	9.999 989	0	595
406	7.850 400	1068	7.850 411	1068	2.149 589	9.999 989	0	594
407	7.851 468	1066	7.851 479	1066	2.148 521	9.999 989	0	593
408	7.852 534	1063	7.852 545	1063	2.147 455	9.999 989	0	592
409	7.853 597	1061	7.853 608	1061	2.146 392	9.999 989	0	591
.410	7.854 658	1057	7.854 669	1058	2.145 331	9.999 989	0	.590
411	7.855 715	1056	7.855 727	1055	2.144 273	9.999 989	0	589
412	7.856 771	1053	7.856 782	1053	2.143 218	9.999 989	0	588
413	7.857 824	1050	7.857 835	1050	2.142 165	9.999 989	0	587
414	7.858 874	1048	7.858 885	1048	2.141 115	9.999 989	0	586
415	7.859 922	1045	7.859 933	1045	2.140 067	9.999 989	0	585
416	7.860 967	1043	7.860 978	1043	2.139 022	9.999 989	1	584
417	7.862 010	1040	7.862 021	1040	2.137 979	9.999 988	0	583
418	7.863 050	1038	7.863 061	1038	2.136 939	9.999 988	0	582
419	7.864 088	1035	7.864 099	1035	2.135 901	9.999 988	0	581
.420	7.865 123	1033	7.865 134	1033	2.134 866	9.999 988	0	.580
421	7.866 156	1030	7.866 167	1031	2.133 833	9.999 988	0	579
422	7.867 186	1028	7.867 198	1028	2.132 802	9.999 988	0	578
423	7.868 214	1025	7.868 226	1025	2.131 774	9.999 988	0	577
424	7.869 239	1023	7.869 251	1023	2.130 749	9.999 988	0	576
425	7.870 262	1021	7.870 274	1021	2.129 726	9.999 988	0	575
426	7.871 283	1018	7.871 295	1018	2.128 705	9.999 988	0	574
427	7.872 301	1016	7.872 313	1016	2.127 687	9.999 988	0	573
428	7.873 317	1014	7.873 329	1014	2.126 671	9.999 988	0	572
429	7.874 331	1011	7.874 343	1011	2.125 657	9.999 988	0	571
.430	7.875 342	1009	7.875 354	1009	2.124 646	9.999 988	0	.570
431	7.876 351	1006	7.876 363	1006	2.123 637	9.999 988	0	569
432	7.877 357	1004	7.877 369	1005	2.122 631	9.999 988	0	568
433	7.878 361	1002	7.878 374	1001	2.121 626	9.999 988	0	567
434	7.879 363	999	7.879 375	1000	2.120 625	9.999 988	1	566
435	7.880 362	998	7.880 375	997	2.119 625	9.999 987	0	565
436	7.881 360	995	7.881 372	995	2.118 628	9.999 987	0	564
437	7.882 355	992	7.882 367	993	2.117 633	9.999 987	0	563
438	7.883 347	991	7.883 360	990	2.116 640	9.999 987	0	562
439	7.884 338	988	7.884 350	989	2.115 650	9.999 987	0	561
.440	7.885 326	986	7.885 339	986	2.114 661	9.999 987	0	.560
441	7.886 312	983	7.886 325	983	2.113 675	9.999 987	0	559
442	7.887 295	982	7.887 308	982	2.112 692	9.999 987	0	558
443	7.888 277	979	7.888 290	979	2.111 710	9.999 987	0	557
444	7.889 256	977	7.889 269	977	2.110 731	9.999 987	0	556
445	7.890 233	975	7.890 246	975	2.109 754	9.999 987	0	555
446	7.891 208	972	7.891 221	973	2.108 779	9.999 987	0	554
447	7.892 180	971	7.892 194	970	2.107 806	9.999 987	0	553
448	7.893 151	968	7.893 164	969	2.106 836	9.999 987	0	552
449	7.894 119	966	7.894 133	966	2.105 867	9.999 987	0	551
.450	7.895 085		7.895 099		2.104 901	9.999 987		.550
	cos	d	cotg	d	tang	sin	d	89°

P. P.

	1085	1080	1075
1	108.5	108.0	107.5
2	217.0	216.0	215.0
3	325.5	324.0	322.5
4	434.0	432.0	430.0
5	542.5	540.0	537.5
6	651.0	648.0	645.0
7	759.5	756.0	752.5
8	868.0	864.0	860.0
9	976.5	972.0	967.5

	1070	1065	1060
1	107.0	106.5	106.0
2	214.0	213.0	212.0
3	321.0	319.5	318.0
4	428.0	426.0	424.0
5	535.0	532.5	530.0
6	642.0	639.0	636.0
7	749.0	745.5	742.0
8	856.0	852.0	848.0
9	963.0	958.5	954.0

	1055	1050	1045
1	105.5	105.0	104.5
2	211.0	210.0	209.0
3	316.5	315.0	313.5
4	422.0	420.0	418.0
5	527.5	525.0	522.5
6	633.0	630.0	627.0
7	738.5	735.0	731.5
8	844.0	840.0	836.0
9	949.5	945.0	940.5

	1040	1030	1020
1	104.0	103.0	102.0
2	208.0	206.0	204.0
3	312.0	309.0	306.0
4	416.0	412.0	408.0
5	520.0	515.0	510.0
6	624.0	618.0	612.0
7	728.0	721.0	714.0
8	832.0	824.0	816.0
9	936.0	927.0	918.0

	1010	1000	995
1	101.0	100.0	99.5
2	202.0	200.0	199.0
3	303.0	300.0	298.5
4	404.0	400.0	398.0
5	505.0	500.0	497.5
6	606.0	600.0	597.0
7	707.0	700.0	696.5
8	808.0	800.0	796.0
9	909.0	900.0	895.5

	990	985	980
1	99.0	98.5	98.0
2	198.0	197.0	196.0
3	297.0	295.5	294.0
4	396.0	394.0	392.0
5	495.0	492.5	490.0
6	594.0	591.0	588.0
7	693.0	689.5	686.0
8	792.0	788.0	784.0
9	891.0	886.5	882.0

	975	970	966
1	97.5	97.0	96.6
2	195.0	194.0	193.2
3	292.5	291.0	289.8
4	390.0	388.0	386.4
5	487.5	485.0	483.0
6	585.0	582.0	579.6
7	682.5	679.0	676.2
8	780.0	776.0	772.8
9	877.5	873.0	869.4

10

89°.600—89°.550

Figure 3: Excerpt of Peters's table.

38°.250—38°.300

38°	sin	d	tang	d	cotg	cos	d		P. P.
.250	9.791 757	9	9.896 712	15	0.103 288	9.895 045	6	.750	
251	9.791 766	10	9.896 727	16	0.103 273	9.895 039	6	749	
252	9.791 776	9	9.896 743	15	0.103 257	9.895 033	6	748	
253	9.791 785	10	9.896 758	16	0.103 242	9.895 027	6	747	
254	9.791 795	10	9.896 774	16	0.103 226	9.895 021	6	746	
255	9.791 805	9	9.896 790	15	0.103 210	9.895 015	6	745	
256	9.791 814	10	9.896 805	16	0.103 195	9.895 009	6	744	
257	9.791 824	9	9.896 821	15	0.103 179	9.895 003	6	743	
258	9.791 833	10	9.896 836	16	0.103 164	9.894 997	6	742	
259	9.791 843	10	9.896 852	15	0.103 148	9.894 991	6	741	
.260	9.791 853	9	9.896 867	16	0.103 133	9.894 985	6	.740	
261	9.791 862	10	9.896 883	16	0.103 117	9.894 979	6	739	
262	9.791 872	10	9.896 899	15	0.103 101	9.894 973	6	738	
263	9.791 882	9	9.896 914	16	0.103 086	9.894 967	6	737	
264	9.791 891	10	9.896 930	15	0.103 070	9.894 961	6	736	
265	9.791 901	9	9.896 945	16	0.103 055	9.894 955	6	735	
266	9.791 910	10	9.896 961	16	0.103 039	9.894 949	6	734	
267	9.791 920	10	9.896 977	15	0.103 023	9.894 943	6	733	
268	9.791 930	9	9.896 992	16	0.103 008	9.894 937	6	732	
269	9.791 939	10	9.897 008	15	0.102 992	9.894 931	6	731	
.270	9.791 949	9	9.897 023	16	0.102 977	9.894 925	6	.730	
271	9.791 958	10	9.897 039	16	0.102 961	9.894 919	6	729	
272	9.791 968	10	9.897 055	15	0.102 945	9.894 913	6	728	
273	9.791 978	9	9.897 070	16	0.102 930	9.894 907	6	727	
274	9.791 987	10	9.897 086	15	0.102 914	9.894 901	5	726	
275	9.791 997	9	9.897 101	16	0.102 899	9.894 896	6	725	
276	9.792 006	10	9.897 117	15	0.102 883	9.894 890	6	724	
277	9.792 016	10	9.897 132	16	0.102 868	9.894 884	6	723	
278	9.792 026	9	9.897 148	16	0.102 852	9.894 878	6	722	
279	9.792 035	10	9.897 164	15	0.102 836	9.894 872	6	721	
.280	9.792 045	9	9.897 179	16	0.102 821	9.894 866	6	.720	
281	9.792 054	10	9.897 195	15	0.102 805	9.894 860	6	719	
282	9.792 064	10	9.897 210	16	0.102 790	9.894 854	6	718	
283	9.792 074	9	9.897 226	16	0.102 774	9.894 848	6	717	
284	9.792 083	10	9.897 242	15	0.102 758	9.894 842	6	716	
285	9.792 093	9	9.897 257	16	0.102 743	9.894 836	6	715	
286	9.792 102	10	9.897 273	15	0.102 727	9.894 830	6	714	
287	9.792 112	10	9.897 288	16	0.102 712	9.894 824	6	713	
288	9.792 122	9	9.897 304	16	0.102 696	9.894 818	6	712	
289	9.792 131	10	9.897 320	15	0.102 680	9.894 812	6	711	
.290	9.792 141	9	9.897 335	16	0.102 665	9.894 806	6	.710	
291	9.792 150	10	9.897 351	15	0.102 649	9.894 800	6	709	
292	9.792 160	10	9.897 366	16	0.102 634	9.894 794	6	708	
293	9.792 170	9	9.897 382	15	0.102 618	9.894 788	6	707	
294	9.792 179	10	9.897 397	16	0.102 603	9.894 782	6	706	
295	9.792 189	9	9.897 413	16	0.102 587	9.894 776	6	705	
296	9.792 198	10	9.897 429	15	0.102 571	9.894 770	6	704	
297	9.792 208	10	9.897 444	16	0.102 556	9.894 764	6	703	
298	9.792 218	9	9.897 460	15	0.102 540	9.894 758	6	702	
299	9.792 227	10	9.897 475	16	0.102 525	9.894 752	6	701	
.300	9.792 237		9.897 491		0.102 509	9.894 746		.700	
	cos	d	cotg	d	tang	sin	d	51°	P. P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	10	9
1	1.0	0.9
2	2.0	1.8
3	3.0	2.7
4	4.0	3.6
5	5.0	4.5
6	6.0	5.4
7	7.0	6.3
8	8.0	7.2
9	9.0	8.1

	6	5
1	0.6	0.5
2	1.2	1.0
3	1.8	1.5
4	2.4	2.0
5	3.0	2.5
6	3.6	3.0
7	4.2	3.5
8	4.8	4.0
9	5.4	4.5

767

51°.750—51°.700

Figure 4: Excerpt of Peters's table.

References

The following list covers the most important references[2] related to Peters's table. Not all items of this list are mentioned in the text, and the sources which have not been seen are marked so. We have added notes about the contents of the articles in certain cases.

[1] ???? On the eight-figure table of Peters and Comrie. *Mathematical Tables and other Aids to Computation*, 1(2):64–65, 1943. [The title is ours, and there are actually two notices, on the accuracy of the table published in 1939 [55], and its comparison with other tables.]

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[3] Marie Henri Andoyer. *Nouvelles tables trigonométriques fondamentales contenant les valeurs naturelles des lignes trigonométriques....* Paris: Librairie A. Hermann et fils, 1915–1918. [3 volumes, reconstruction by D. Roegel in 2010 [66].]

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[2] **Note on the titles of the works:** Original titles come with many idiosyncrasies and features (line splitting, size, fonts, etc.) which can often not be reproduced in a list of references. It has therefore seemed pointless to capitalize works according to conventions which not only have no relation with the original work, but also do not restore the title entirely. In the following list of references, most title words (except in German) will therefore be left uncapitalized. The names of the authors have also been homogenized and initials expanded, as much as possible.

The reader should keep in mind that this list is not meant as a facsimile of the original works. The original style information could no doubt have been added as a note, but we have not done it here.

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0°.000 — 0°.050

0°	sin	S	tang	T	cotg	cos	
.000	—	8.241 877	—	8.241 877	—	0.000 000	***.000**
001	5.241 877	8.241 877	5.241 877	8.241 877	4.758 123	0.000 000	999
002	5.542 907	8.241 877	5.542 907	8.241 877	4.457 093	0.000 000	998
003	5.718 999	8.241 877	5.718 999	8.241 877	4.281 001	0.000 000	997
004	5.843 937	8.241 877	5.843 937	8.241 877	4.156 063	0.000 000	996
005	5.940 847	8.241 877	5.940 847	8.241 877	4.059 153	0.000 000	995
006	6.020 029	8.241 877	6.020 029	8.241 877	3.979 971	0.000 000	994
007	6.086 975	8.241 877	6.086 975	8.241 877	3.913 025	0.000 000	993
008	6.144 967	8.241 877	6.144 967	8.241 877	3.855 033	0.000 000	992
009	6.196 120	8.241 877	6.196 120	8.241 877	3.803 880	0.000 000	991
.010	6.241 877	8.241 877	6.241 877	8.241 877	3.758 123	0.000 000	**.990**
011	6.283 270	8.241 877	6.283 270	8.241 877	3.716 730	0.000 000	989
012	6.321 059	8.241 877	6.321 059	8.241 877	3.678 941	0.000 000	988
013	6.355 821	8.241 877	6.355 821	8.241 877	3.644 179	0.000 000	987
014	6.388 005	8.241 877	6.388 005	8.241 877	3.611 995	0.000 000	986
015	6.417 969	8.241 877	6.417 969	8.241 877	3.582 031	0.000 000	985
016	6.445 997	8.241 877	6.445 997	8.241 877	3.554 003	0.000 000	984
017	6.472 326	8.241 877	6.472 326	8.241 877	3.527 674	0.000 000	983
018	6.497 150	8.241 877	6.497 150	8.241 877	3.502 850	0.000 000	982
019	6.520 631	8.241 877	6.520 631	8.241 877	3.479 369	0.000 000	981
.020	6.542 907	8.241 877	6.542 907	8.241 877	3.457 093	0.000 000	**.980**
021	6.564 097	8.241 877	6.564 097	8.241 877	3.435 903	0.000 000	979
022	6.584 300	8.241 877	6.584 300	8.241 877	3.415 700	0.000 000	978
023	6.603 605	8.241 877	6.603 605	8.241 877	3.396 395	0.000 000	977
024	6.622 089	8.241 877	6.622 089	8.241 877	3.377 911	0.000 000	976
025	6.639 817	8.241 877	6.639 817	8.241 877	3.360 183	0.000 000	975
026	6.656 851	8.241 877	6.656 851	8.241 877	3.343 149	0.000 000	974
027	6.673 241	8.241 877	6.673 241	8.241 877	3.326 759	0.000 000	973
028	6.689 035	8.241 877	6.689 035	8.241 877	3.310 965	0.000 000	972
029	6.704 275	8.241 877	6.704 275	8.241 877	3.295 725	0.000 000	971
.030	6.718 999	8.241 877	6.718 999	8.241 877	3.281 001	0.000 000	**.970**
031	6.733 239	8.241 877	6.733 239	8.241 877	3.266 761	0.000 000	969
032	6.747 027	8.241 877	6.747 027	8.241 877	3.252 973	0.000 000	968
033	6.760 391	8.241 877	6.760 391	8.241 877	3.239 609	0.000 000	967
034	6.773 356	8.241 877	6.773 356	8.241 877	3.226 644	0.000 000	966
035	6.785 945	8.241 877	6.785 945	8.241 877	3.214 055	0.000 000	965
036	6.798 180	8.241 877	6.798 180	8.241 877	3.201 820	0.000 000	964
037	6.810 079	8.241 877	6.810 079	8.241 877	3.189 921	0.000 000	963
038	6.821 661	8.241 877	6.821 661	8.241 877	3.178 339	0.000 000	962
039	6.832 942	8.241 877	6.832 942	8.241 877	3.167 058	0.000 000	961
.040	6.843 937	8.241 877	6.843 937	8.241 877	3.156 063	0.000 000	**.960**
041	6.854 661	8.241 877	6.854 661	8.241 877	3.145 339	0.000 000	959
042	6.865 127	8.241 877	6.865 127	8.241 877	3.134 873	0.000 000	958
043	6.875 346	8.241 877	6.875 346	8.241 877	3.124 654	0.000 000	957
044	6.885 330	8.241 877	6.885 330	8.241 877	3.114 670	0.000 000	956
045	6.895 090	8.241 877	6.895 090	8.241 877	3.104 910	0.000 000	955
046	6.904 635	8.241 877	6.904 635	8.241 877	3.095 365	0.000 000	954
047	6.913 975	8.241 877	6.913 975	8.241 877	3.086 025	0.000 000	953
048	6.923 119	8.241 877	6.923 119	8.241 877	3.076 881	0.000 000	952
049	6.932 073	8.241 877	6.932 074	8.241 877	3.067 926	0.000 000	951
.050	6.940 847	8.241 877	6.940 847	8.241 877	3.059 153	0.000 000	**.950**
	cos		cotg		tang	sin	**89°**

90°.000 — 89°.950

0°.050 — 0°.100

0°	sin	S	tang	T	cotg	cos	
.050	6.940 847	8.241 877	6.940 847	8.241 877	3.059 153	0.000 000	**.950**
051	6.949 447	8.241 877	6.949 448	8.241 877	3.050 552	0.000 000	949
052	6.957 881	8.241 877	6.957 881	8.241 877	3.042 119	0.000 000	948
053	6.966 153	8.241 877	6.966 153	8.241 877	3.033 847	0.000 000	947
054	6.974 271	8.241 877	6.974 271	8.241 877	3.025 729	0.000 000	946
055	6.982 240	8.241 877	6.982 240	8.241 878	3.017 760	0.000 000	945
056	6.990 065	8.241 877	6.990 066	8.241 878	3.009 934	0.000 000	944
057	6.997 752	8.241 877	6.997 752	8.241 878	3.002 248	0.000 000	943
058	7.005 305	8.241 877	7.005 306	8.241 878	2.994 694	0.000 000	942
059	7.012 729	8.241 877	7.012 730	8.241 878	2.987 270	0.000 000	941
.060	7.020 029	8.241 877	7.020 029	8.241 878	2.979 971	0.000 000	**.940**
061	7.027 207	8.241 877	7.027 207	8.241 878	2.972 793	0.000 000	939
062	7.034 269	8.241 877	7.034 269	8.241 878	2.965 731	0.000 000	938
063	7.041 218	8.241 877	7.041 218	8.241 878	2.958 782	0.000 000	937
064	7.048 057	8.241 877	7.048 058	8.241 878	2.951 942	0.000 000	936
065	7.054 791	8.241 877	7.054 791	8.241 878	2.945 209	0.000 000	935
066	7.061 421	8.241 877	7.061 421	8.241 878	2.938 579	0.000 000	934
067	7.067 952	8.241 877	7.067 952	8.241 878	2.932 048	0.000 000	933
068	7.074 386	8.241 877	7.074 386	8.241 878	2.925 614	0.000 000	932
069	7.080 726	8.241 877	7.080 727	8.241 878	2.919 273	0.000 000	931
.070	7.086 975	8.241 877	7.086 976	8.241 878	2.913 024	0.000 000	**.930**
071	7.093 136	8.241 877	7.093 136	8.241 878	2.906 864	0.000 000	929
072	7.099 210	8.241 877	7.099 210	8.241 878	2.900 790	0.000 000	928
073	7.105 200	8.241 877	7.105 200	8.241 878	2.894 800	0.000 000	927
074	7.111 109	8.241 877	7.111 109	8.241 878	2.888 891	0.000 000	926
075	7.116 939	8.241 877	7.116 939	8.241 878	2.883 061	0.000 000	925
076	7.122 691	8.241 877	7.122 691	8.241 878	2.877 309	0.000 000	924
077	7.128 368	8.241 877	7.128 368	8.241 878	2.871 632	0.000 000	923
078	7.133 972	8.241 877	7.133 972	8.241 878	2.866 028	0.000 000	922
079	7.139 504	8.241 877	7.139 505	8.241 878	2.860 495	0.000 000	921
.080	7.144 967	8.241 877	7.144 968	8.241 878	2.855 032	0.000 000	**.920**
081	7.150 362	8.241 877	7.150 363	8.241 878	2.849 637	0.000 000	919
082	7.155 691	8.241 877	7.155 692	8.241 878	2.844 308	0.000 000	918
083	7.160 955	8.241 877	7.160 956	8.241 878	2.839 044	0.000 000	917
084	7.166 156	8.241 877	7.166 157	8.241 878	2.833 843	0.000 000	916
085	7.171 296	8.241 877	7.171 297	8.241 878	2.828 703	0.000 000	915
086	7.176 376	8.241 877	7.176 376	8.241 878	2.823 624	0.000 000	914
087	7.181 396	8.241 877	7.181 397	8.241 878	2.818 603	9.999 999	913
088	7.186 360	8.241 877	7.186 360	8.241 878	2.813 640	9.999 999	912
089	7.191 267	8.241 877	7.191 268	8.241 878	2.808 732	9.999 999	911
.090	7.196 120	8.241 877	7.196 120	8.241 878	2.803 880	9.999 999	**.910**
091	7.200 919	8.241 877	7.200 919	8.241 878	2.799 081	9.999 999	909
092	7.205 665	8.241 877	7.205 666	8.241 878	2.794 334	9.999 999	908
093	7.210 360	8.241 877	7.210 361	8.241 878	2.789 639	9.999 999	907
094	7.215 005	8.241 877	7.215 006	8.241 878	2.784 994	9.999 999	906
095	7.219 601	8.241 877	7.219 601	8.241 878	2.780 399	9.999 999	905
096	7.224 148	8.241 877	7.224 149	8.241 878	2.775 851	9.999 999	904
097	7.228 649	8.241 877	7.228 650	8.241 878	2.771 350	9.999 999	903
098	7.233 103	8.241 877	7.233 104	8.241 878	2.766 896	9.999 999	902
099	7.237 512	8.241 877	7.237 513	8.241 878	2.762 487	9.999 999	901
.100	7.241 877	8.241 877	7.241 878	8.241 878	2.758 122	9.999 999	**.900**
	cos		cotg		tang	sin	**89°**

89°.950 — 89°.900

0°.100 — 0°.150

0°	sin	S	tang	T	cotg	cos	
.100	7.241 877	8.241 877	7.241 878	8.241 878	2.758 122	9.999 999	**.900**
101	7.246 199	8.241 877	7.246 199	8.241 878	2.753 801	9.999 999	899
102	7.250 477	8.241 877	7.250 478	8.241 878	2.749 522	9.999 999	898
103	7.254 714	8.241 877	7.254 715	8.241 878	2.745 285	9.999 999	897
104	7.258 910	8.241 877	7.258 911	8.241 878	2.741 089	9.999 999	896
105	7.263 066	8.241 877	7.263 067	8.241 878	2.736 933	9.999 999	895
106	7.267 183	8.241 877	7.267 184	8.241 878	2.732 816	9.999 999	894
107	7.271 261	8.241 877	7.271 262	8.241 878	2.728 738	9.999 999	893
108	7.275 301	8.241 877	7.275 302	8.241 878	2.724 698	9.999 999	892
109	7.279 304	8.241 877	7.279 304	8.241 878	2.720 696	9.999 999	891
.110	7.283 270	8.241 877	7.283 271	8.241 878	2.716 729	9.999 999	**.890**
111	7.287 200	8.241 877	7.287 201	8.241 878	2.712 799	9.999 999	889
112	7.291 095	8.241 877	7.291 096	8.241 878	2.708 904	9.999 999	888
113	7.294 956	8.241 877	7.294 956	8.241 878	2.705 044	9.999 999	887
114	7.298 782	8.241 877	7.298 783	8.241 878	2.701 217	9.999 999	886
115	7.302 575	8.241 877	7.302 576	8.241 878	2.697 424	9.999 999	885
116	7.306 335	8.241 877	7.306 336	8.241 878	2.693 664	9.999 999	884
117	7.310 063	8.241 877	7.310 064	8.241 878	2.689 936	9.999 999	883
118	7.313 759	8.241 877	7.313 760	8.241 878	2.686 240	9.999 999	882
119	7.317 424	8.241 877	7.317 425	8.241 878	2.682 575	9.999 999	881
.120	7.321 058	8.241 877	7.321 059	8.241 878	2.678 941	9.999 999	**.880**
121	7.324 662	8.241 877	7.324 663	8.241 878	2.675 337	9.999 999	879
122	7.328 237	8.241 877	7.328 238	8.241 878	2.671 762	9.999 999	878
123	7.331 782	8.241 877	7.331 783	8.241 878	2.668 217	9.999 999	877
124	7.335 299	8.241 877	7.335 300	8.241 878	2.664 700	9.999 999	876
125	7.338 787	8.241 877	7.338 788	8.241 878	2.661 212	9.999 999	875
126	7.342 248	8.241 877	7.342 249	8.241 878	2.657 751	9.999 999	874
127	7.345 681	8.241 877	7.345 682	8.241 878	2.654 318	9.999 999	873
128	7.349 087	8.241 877	7.349 088	8.241 878	2.650 912	9.999 999	872
129	7.352 467	8.241 877	7.352 468	8.241 878	2.647 532	9.999 999	871
.130	7.355 820	8.241 877	7.355 821	8.241 878	2.644 179	9.999 999	**.870**
131	7.359 148	8.241 877	7.359 149	8.241 878	2.640 851	9.999 999	869
132	7.362 451	8.241 877	7.362 452	8.241 878	2.637 548	9.999 999	868
133	7.365 729	8.241 877	7.365 730	8.241 878	2.634 270	9.999 999	867
134	7.368 982	8.241 877	7.368 983	8.241 878	2.631 017	9.999 999	866
135	7.372 211	8.241 877	7.372 212	8.241 878	2.627 788	9.999 999	865
136	7.375 416	8.241 877	7.375 417	8.241 878	2.624 583	9.999 999	864
137	7.378 598	8.241 877	7.378 599	8.241 878	2.621 401	9.999 999	863
138	7.381 756	8.241 877	7.381 757	8.241 878	2.618 243	9.999 999	862
139	7.384 892	8.241 877	7.384 893	8.241 878	2.615 107	9.999 999	861
.140	7.388 005	8.241 877	7.388 006	8.241 878	2.611 994	9.999 999	**.860**
141	7.391 096	8.241 877	7.391 097	8.241 878	2.608 903	9.999 999	859
142	7.394 165	8.241 877	7.394 167	8.241 878	2.605 833	9.999 999	858
143	7.397 213	8.241 877	7.397 214	8.241 878	2.602 786	9.999 999	857
144	7.400 239	8.241 877	7.400 241	8.241 878	2.599 759	9.999 999	856
145	7.403 245	8.241 877	7.403 246	8.241 878	2.596 754	9.999 999	855
146	7.406 230	8.241 877	7.406 231	8.241 878	2.593 769	9.999 999	854
147	7.409 194	8.241 877	7.409 196	8.241 878	2.590 804	9.999 999	853
148	7.412 139	8.241 877	7.412 140	8.241 878	2.587 860	9.999 999	852
149	7.415 063	8.241 877	7.415 065	8.241 878	2.584 935	9.999 999	851
.150	7.417 968	8.241 877	7.417 970	8.241 878	2.582 030	9.999 999	**.850**
	cos		cotg		tang	sin	**89°**

89°.900 — 89°.850

0°.150 — 0°.200

0°	sin	S	tang	T	cotg	cos	
.150	7.417 968	8.241 877	7.417 970	8.241 878	2.582 030	9.999 999	**.850**
151	7.420 854	8.241 877	7.420 855	8.241 878	2.579 145	9.999 998	849
152	7.423 720	8.241 877	7.423 722	8.241 878	2.576 278	9.999 998	848
153	7.426 568	8.241 877	7.426 570	8.241 878	2.573 430	9.999 998	847
154	7.429 398	8.241 877	7.429 399	8.241 878	2.570 601	9.999 998	846
155	7.432 209	8.241 877	7.432 210	8.241 878	2.567 790	9.999 998	845
156	7.435 001	8.241 877	7.435 003	8.241 878	2.564 997	9.999 998	844
157	7.437 776	8.241 877	7.437 778	8.241 878	2.562 222	9.999 998	843
158	7.440 534	8.241 877	7.440 536	8.241 878	2.559 464	9.999 998	842
159	7.443 274	8.241 877	7.443 276	8.241 878	2.556 724	9.999 998	841
.160	7.445 997	8.241 877	7.445 998	8.241 878	2.554 002	9.999 998	**.840**
161	7.448 703	8.241 877	7.448 704	8.241 879	2.551 296	9.999 998	839
162	7.451 392	8.241 877	7.451 394	8.241 879	2.548 606	9.999 998	838
163	7.454 064	8.241 877	7.454 066	8.241 879	2.545 934	9.999 998	837
164	7.456 721	8.241 877	7.456 722	8.241 879	2.543 278	9.999 998	836
165	7.459 361	8.241 877	7.459 363	8.241 879	2.540 637	9.999 998	835
166	7.461 985	8.241 877	7.461 987	8.241 879	2.538 013	9.999 998	834
167	7.464 593	8.241 877	7.464 595	8.241 879	2.535 405	9.999 998	833
168	7.467 186	8.241 877	7.467 188	8.241 879	2.532 812	9.999 998	832
169	7.469 763	8.241 877	7.469 765	8.241 879	2.530 235	9.999 998	831
.170	7.472 326	8.241 877	7.472 328	8.241 879	2.527 672	9.999 998	**.830**
171	7.474 873	8.241 877	7.474 875	8.241 879	2.525 125	9.999 998	829
172	7.477 405	8.241 877	7.477 407	8.241 879	2.522 593	9.999 998	828
173	7.479 923	8.241 877	7.479 925	8.241 879	2.520 075	9.999 998	827
174	7.482 426	8.241 877	7.482 428	8.241 879	2.517 572	9.999 998	826
175	7.484 915	8.241 877	7.484 917	8.241 879	2.515 083	9.999 998	825
176	7.487 389	8.241 877	7.487 391	8.241 879	2.512 609	9.999 998	824
177	7.489 850	8.241 877	7.489 852	8.241 879	2.510 148	9.999 998	823
178	7.492 297	8.241 877	7.492 299	8.241 879	2.507 701	9.999 998	822
179	7.494 730	8.241 877	7.494 732	8.241 879	2.505 268	9.999 998	821
.180	7.497 149	8.241 877	7.497 151	8.241 879	2.502 849	9.999 998	**.820**
181	7.499 555	8.241 877	7.499 557	8.241 879	2.500 443	9.999 998	819
182	7.501 948	8.241 877	7.501 950	8.241 879	2.498 050	9.999 998	818
183	7.504 328	8.241 877	7.504 330	8.241 879	2.495 670	9.999 998	817
184	7.506 694	8.241 877	7.506 697	8.241 879	2.493 303	9.999 998	816
185	7.509 048	8.241 877	7.509 051	8.241 879	2.490 949	9.999 998	815
186	7.511 390	8.241 877	7.511 392	8.241 879	2.488 608	9.999 998	814
187	7.513 718	8.241 877	7.513 721	8.241 879	2.486 279	9.999 998	813
188	7.516 034	8.241 877	7.516 037	8.241 879	2.483 963	9.999 998	812
189	7.518 338	8.241 877	7.518 341	8.241 879	2.481 659	9.999 998	811
.190	7.520 630	8.241 877	7.520 633	8.241 879	2.479 367	9.999 998	**.810**
191	7.522 910	8.241 877	7.522 912	8.241 879	2.477 088	9.999 998	809
192	7.525 178	8.241 877	7.525 180	8.241 879	2.474 820	9.999 998	808
193	7.527 434	8.241 877	7.527 436	8.241 879	2.472 564	9.999 998	807
194	7.529 678	8.241 877	7.529 681	8.241 879	2.470 319	9.999 998	806
195	7.531 911	8.241 877	7.531 914	8.241 879	2.468 086	9.999 997	805
196	7.534 133	8.241 877	7.534 135	8.241 879	2.465 865	9.999 997	804
197	7.536 343	8.241 877	7.536 345	8.241 879	2.463 655	9.999 997	803
198	7.538 542	8.241 877	7.538 544	8.241 879	2.461 456	9.999 997	802
199	7.540 730	8.241 876	7.540 732	8.241 879	2.459 268	9.999 997	801
.200	7.542 906	8.241 876	7.542 909	8.241 879	2.457 091	9.999 997	**.800**
	cos		cotg		tang	sin	**89°**

89°.850 — 89°.800

0°.200 — 0°.250

0°	sin	d	S	tang	d	T	cotg	cos	
.200	7.542 906	2167	8.241 876	7.542 909	2166	8.241 879	2.457 091	9.999 997	**.800**
201	7.545 073	2155	8.241 876	7.545 075	2156	8.241 879	2.454 925	9.999 997	799
202	7.547 228	2144	8.241 876	7.547 231	2144	8.241 879	2.452 769	9.999 997	798
203	7.549 372	2135	8.241 876	7.549 375	2134	8.241 879	2.450 625	9.999 997	797
204	7.551 507	2123	8.241 876	7.551 509	2124	8.241 879	2.448 491	9.999 997	796
205	7.553 630	2114	8.241 876	7.553 633	2113	8.241 879	2.446 367	9.999 997	795
206	7.555 744	2103	8.241 876	7.555 746	2104	8.241 879	2.444 254	9.999 997	794
207	7.557 847	2093	8.241 876	7.557 850	2093	8.241 879	2.442 150	9.999 997	793
208	7.559 940	2083	8.241 876	7.559 943	2083	8.241 879	2.440 057	9.999 997	792
209	7.562 023	2073	8.241 876	7.562 026	2073	8.241 879	2.437 974	9.999 997	791
.210	7.564 096	2063	8.241 876	7.564 099	2063	8.241 879	2.435 901	9.999 997	**.790**
211	7.566 159	2053	8.241 876	7.566 162	2053	8.241 879	2.433 838	9.999 997	789
212	7.568 212	2044	8.241 876	7.568 215	2044	8.241 879	2.431 785	9.999 997	788
213	7.570 256	2034	8.241 876	7.570 259	2034	8.241 879	2.429 741	9.999 997	787
214	7.572 290	2025	8.241 876	7.572 293	2025	8.241 879	2.427 707	9.999 997	786
215	7.574 315	2015	8.241 876	7.574 318	2015	8.241 879	2.425 682	9.999 997	785
216	7.576 330	2006	8.241 876	7.576 333	2006	8.241 879	2.423 667	9.999 997	784
217	7.578 336	1997	8.241 876	7.578 339	1997	8.241 879	2.421 661	9.999 997	783
218	7.580 333	1987	8.241 876	7.580 336	1988	8.241 879	2.419 664	9.999 997	782
219	7.582 320	1979	8.241 876	7.582 324	1978	8.241 879	2.417 676	9.999 997	781
.220	7.584 299	1970	8.241 876	7.584 302	1970	8.241 880	2.415 698	9.999 997	**.780**
221	7.586 269	1960	8.241 876	7.586 272	1961	8.241 880	2.413 728	9.999 997	779
222	7.588 229	1952	8.241 876	7.588 233	1951	8.241 880	2.411 767	9.999 997	778
223	7.590 181	1943	8.241 876	7.590 184	1944	8.241 880	2.409 816	9.999 997	777
224	7.592 124	1935	8.241 876	7.592 128	1934	8.241 880	2.407 872	9.999 997	776
225	7.594 059	1926	8.241 876	7.594 062	1926	8.241 880	2.405 938	9.999 997	775
226	7.595 985	1917	8.241 876	7.595 988	1917	8.241 880	2.404 012	9.999 997	774
227	7.597 902	1909	8.241 876	7.597 905	1910	8.241 880	2.402 095	9.999 997	773
228	7.599 811	1901	8.241 876	7.599 815	1900	8.241 880	2.400 185	9.999 997	772
229	7.601 712	1892	8.241 876	7.601 715	1893	8.241 880	2.398 285	9.999 997	771
.230	7.603 604	1884	8.241 876	7.603 608	1884	8.241 880	2.396 392	9.999 997	**.770**
231	7.605 488	1876	8.241 876	7.605 492	1876	8.241 880	2.394 508	9.999 996	769
232	7.607 364	1868	8.241 876	7.607 368	1868	8.241 880	2.392 632	9.999 996	768
233	7.609 232	1860	8.241 876	7.609 236	1860	8.241 880	2.390 764	9.999 996	767
234	7.611 092	1852	8.241 876	7.611 096	1852	8.241 880	2.388 904	9.999 996	766
235	7.612 944	1844	8.241 876	7.612 948	1844	8.241 880	2.387 052	9.999 996	765
236	7.614 788	1836	8.241 876	7.614 792	1836	8.241 880	2.385 208	9.999 996	764
237	7.616 624	1829	8.241 876	7.616 628	1829	8.241 880	2.383 372	9.999 996	763
238	7.618 453	1821	8.241 876	7.618 457	1821	8.241 880	2.381 543	9.999 996	762
239	7.620 274	1813	8.241 876	7.620 278	1813	8.241 880	2.379 722	9.999 996	761
.240	7.622 087	1806	8.241 876	7.622 091	1806	8.241 880	2.377 909	9.999 996	**.760**
241	7.623 893	1798	8.241 876	7.623 897	1798	8.241 880	2.376 103	9.999 996	759
242	7.625 691	1791	8.241 876	7.625 695	1791	8.241 880	2.374 305	9.999 996	758
243	7.627 482	1784	8.241 876	7.627 486	1784	8.241 880	2.372 514	9.999 996	757
244	7.629 266	1776	8.241 876	7.629 270	1776	8.241 880	2.370 730	9.999 996	756
245	7.631 042	1769	8.241 876	7.631 046	1769	8.241 880	2.368 954	9.999 996	755
246	7.632 811	1762	8.241 876	7.632 815	1762	8.241 880	2.367 185	9.999 996	754
247	7.634 573	1755	8.241 876	7.634 577	1755	8.241 880	2.365 423	9.999 996	753
248	7.636 328	1747	8.241 876	7.636 332	1747	8.241 880	2.363 668	9.999 996	752
249	7.638 075	1741	8.241 876	7.638 079	1741	8.241 880	2.361 921	9.999 996	751
.250	7.639 816		8.241 876	7.639 820		8.241 880	2.360 180	9.999 996	**.750**
	cos	d		cotg	d		tang	sin	**89°**

89°.800 — 89°.750

0°.250 — 0°.300

0°	sin	d	S	tang	d	T	cotg	cos	
.250	7.639 816		8.241 876	7.639 820		8.241 880	2.360 180	9.999 996	**.750**
		1734			1734				
251	7.641 550		8.241 876	7.641 554		8.241 880	2.358 446	9.999 996	749
		1727			1727				
252	7.643 277		8.241 876	7.643 281		8.241 880	2.356 719	9.999 996	748
		1719			1720				
253	7.644 996		8.241 876	7.645 001		8.241 880	2.354 999	9.999 996	747
		1714			1713				
254	7.646 710		8.241 876	7.646 714		8.241 880	2.353 286	9.999 996	746
		1706			1706				
255	7.648 416		8.241 876	7.648 420		8.241 880	2.351 580	9.999 996	745
		1700			1700				
256	7.650 116		8.241 876	7.650 120		8.241 880	2.349 880	9.999 996	744
		1693			1693				
257	7.651 809		8.241 876	7.651 813		8.241 880	2.348 187	9.999 996	743
		1687			1687				
258	7.653 496		8.241 876	7.653 500		8.241 880	2.346 500	9.999 996	742
		1680			1680				
259	7.655 176		8.241 876	7.655 180		8.241 880	2.344 820	9.999 996	741
		1673			1674				
.260	7.656 849		8.241 876	7.656 854		8.241 880	2.343 146	9.999 996	**.740**
		1667			1667				
261	7.658 516		8.241 876	7.658 521		8.241 880	2.341 479	9.999 995	739
		1661			1661				
262	7.660 177		8.241 876	7.660 182		8.241 880	2.339 818	9.999 995	738
		1655			1654				
263	7.661 832		8.241 876	7.661 836		8.241 880	2.338 164	9.999 995	737
		1648			1648				
264	7.663 480		8.241 876	7.663 484		8.241 880	2.336 516	9.999 995	736
		1642			1642				
265	7.665 122		8.241 876	7.665 126		8.241 880	2.334 874	9.999 995	735
		1635			1636				
266	7.666 757		8.241 876	7.666 762		8.241 880	2.333 238	9.999 995	734
		1630			1630				
267	7.668 387		8.241 876	7.668 392		8.241 881	2.331 608	9.999 995	733
		1624			1623				
268	7.670 011		8.241 876	7.670 015		8.241 881	2.329 985	9.999 995	732
		1617			1618				
269	7.671 628		8.241 876	7.671 633		8.241 881	2.328 367	9.999 995	731
		1612			1611				
.270	7.673 240		8.241 876	7.673 244		8.241 881	2.326 756	9.999 995	**.730**
		1605			1606				
271	7.674 845		8.241 876	7.674 850		8.241 881	2.325 150	9.999 995	729
		1600			1600				
272	7.676 445		8.241 876	7.676 450		8.241 881	2.323 550	9.999 995	728
		1593			1593				
273	7.678 038		8.241 876	7.678 043		8.241 881	2.321 957	9.999 995	727
		1588			1588				
274	7.679 626		8.241 876	7.679 631		8.241 881	2.320 369	9.999 995	726
		1582			1582				
275	7.681 208		8.241 876	7.681 213		8.241 881	2.318 787	9.999 995	725
		1577			1577				
276	7.682 785		8.241 876	7.682 790		8.241 881	2.317 210	9.999 995	724
		1570			1571				
277	7.684 355		8.241 876	7.684 361		8.241 881	2.315 639	9.999 995	723
		1565			1565				
278	7.685 920		8.241 876	7.685 926		8.241 881	2.314 074	9.999 995	722
		1560			1559				
279	7.687 480		8.241 876	7.687 485		8.241 881	2.312 515	9.999 995	721
		1554			1554				
.280	7.689 034		8.241 876	7.689 039		8.241 881	2.310 961	9.999 995	**.720**
		1548			1548				
281	7.690 582		8.241 876	7.690 587		8.241 881	2.309 413	9.999 995	719
		1543			1543				
282	7.692 125		8.241 876	7.692 130		8.241 881	2.307 870	9.999 995	718
		1537			1537				
283	7.693 662		8.241 876	7.693 667		8.241 881	2.306 333	9.999 995	717
		1532			1532				
284	7.695 194		8.241 876	7.695 199		8.241 881	2.304 801	9.999 995	716
		1526			1527				
285	7.696 720		8.241 876	7.696 726		8.241 881	2.303 274	9.999 995	715
		1522			1521				
286	7.698 242		8.241 876	7.698 247		8.241 881	2.301 753	9.999 995	714
		1515			1516				
287	7.699 757		8.241 876	7.699 763		8.241 881	2.300 237	9.999 995	713
		1511			1511				
288	7.701 268		8.241 876	7.701 274		8.241 881	2.298 726	9.999 995	712
		1505			1505				
289	7.702 773		8.241 876	7.702 779		8.241 881	2.297 221	9.999 994	711
		1501			1500				
.290	7.704 274		8.241 876	7.704 279		8.241 881	2.295 721	9.999 994	**.710**
		1494			1495				
291	7.705 768		8.241 876	7.705 774		8.241 881	2.294 226	9.999 994	709
		1490			1490				
292	7.707 258		8.241 875	7.707 264		8.241 881	2.292 736	9.999 994	708
		1485			1485				
293	7.708 743		8.241 875	7.708 749		8.241 881	2.291 251	9.999 994	707
		1480			1480				
294	7.710 223		8.241 875	7.710 229		8.241 881	2.289 771	9.999 994	706
		1474			1474				
295	7.711 697		8.241 875	7.711 703		8.241 881	2.288 297	9.999 994	705
		1470			1470				
296	7.713 167		8.241 875	7.713 173		8.241 881	2.286 827	9.999 994	704
		1465			1465				
297	7.714 632		8.241 875	7.714 638		8.241 881	2.285 362	9.999 994	703
		1460			1460				
298	7.716 092		8.241 875	7.716 098		8.241 881	2.283 902	9.999 994	702
		1455			1454				
299	7.717 547		8.241 875	7.717 552		8.241 881	2.282 448	9.999 994	701
		1450			1451				
.300	7.718 997		8.241 875	7.719 003		8.241 881	2.280 997	9.999 994	**.700**
	cos	d		cotg	d		tang	sin	**89°**

89°.750 — 89°.700

0°.300 — 0°.350

0°	sin	d	S	tang	d	T	cotg	cos	
.300	7.718 997		8.241 875	7.719 003		8.241 881	2.280 997	9.999 994	**.700**
		1445			1445				
301	7.720 442		8.241 875	7.720 448		8.241 881	2.279 552	9.999 994	699
		1440			1440				
302	7.721 882		8.241 875	7.721 888		8.241 881	2.278 112	9.999 994	698
		1436			1436				
303	7.723 318		8.241 875	7.723 324		8.241 881	2.276 676	9.999 994	697
		1431			1431				
304	7.724 749		8.241 875	7.724 755		8.241 881	2.275 245	9.999 994	696
		1426			1426				
305	7.726 175		8.241 875	7.726 181		8.241 881	2.273 819	9.999 994	695
		1422			1422				
306	7.727 597		8.241 875	7.727 603		8.241 881	2.272 397	9.999 994	694
		1417			1417				
307	7.729 014		8.241 875	7.729 020		8.241 882	2.270 980	9.999 994	693
		1412			1412				
308	7.730 426		8.241 875	7.730 432		8.241 882	2.269 568	9.999 994	692
		1408			1408				
309	7.731 834		8.241 875	7.731 840		8.241 882	2.268 160	9.999 994	691
		1403			1403				
.310	7.733 237		8.241 875	7.733 243		8.241 882	2.266 757	9.999 994	**.690**
		1399			1399				
311	7.734 636		8.241 875	7.734 642		8.241 882	2.265 358	9.999 994	689
		1394			1394				
312	7.736 030		8.241 875	7.736 036		8.241 882	2.263 964	9.999 994	688
		1390			1390				
313	7.737 420		8.241 875	7.737 426		8.241 882	2.262 574	9.999 994	687
		1385			1385				
314	7.738 805		8.241 875	7.738 811		8.241 882	2.261 189	9.999 993	686
		1381			1381				
315	7.740 186		8.241 875	7.740 192		8.241 882	2.259 808	9.999 993	685
		1376			1377				
316	7.741 562		8.241 875	7.741 569		8.241 882	2.258 431	9.999 993	684
		1372			1372				
317	7.742 934		8.241 875	7.742 941		8.241 882	2.257 059	9.999 993	683
		1368			1368				
318	7.744 302		8.241 875	7.744 309		8.241 882	2.255 691	9.999 993	682
		1364			1364				
319	7.745 666		8.241 875	7.745 673		8.241 882	2.254 327	9.999 993	681
		1359			1359				
.320	7.747 025		8.241 875	7.747 032		8.241 882	2.252 968	9.999 993	**.680**
		1355			1355				
321	7.748 380		8.241 875	7.748 387		8.241 882	2.251 613	9.999 993	679
		1351			1351				
322	7.749 731		8.241 875	7.749 738		8.241 882	2.250 262	9.999 993	678
		1347			1346				
323	7.751 078		8.241 875	7.751 084		8.241 882	2.248 916	9.999 993	677
		1342			1343				
324	7.752 420		8.241 875	7.752 427		8.241 882	2.247 573	9.999 993	676
		1338			1338				
325	7.753 758		8.241 875	7.753 765		8.241 882	2.246 235	9.999 993	675
		1335			1335				
326	7.755 093		8.241 875	7.755 100		8.241 882	2.244 900	9.999 993	674
		1330			1330				
327	7.756 423		8.241 875	7.756 430		8.241 882	2.243 570	9.999 993	673
		1326			1326				
328	7.757 749		8.241 875	7.757 756		8.241 882	2.242 244	9.999 993	672
		1322			1322				
329	7.759 071		8.241 875	7.759 078		8.241 882	2.240 922	9.999 993	671
		1318			1318				
.330	7.760 389		8.241 875	7.760 396		8.241 882	2.239 604	9.999 993	**.670**
		1314			1314				
331	7.761 703		8.241 875	7.761 710		8.241 882	2.238 290	9.999 993	669
		1310			1310				
332	7.763 013		8.241 875	7.763 020		8.241 882	2.236 980	9.999 993	668
		1306			1306				
333	7.764 319		8.241 875	7.764 326		8.241 882	2.235 674	9.999 993	667
		1302			1303				
334	7.765 621		8.241 875	7.765 629		8.241 882	2.234 371	9.999 993	666
		1299			1298				
335	7.766 920		8.241 875	7.766 927		8.241 882	2.233 073	9.999 993	665
		1294			1295				
336	7.768 214		8.241 875	7.768 222		8.241 882	2.231 778	9.999 993	664
		1291			1290				
337	7.769 505		8.241 875	7.769 512		8.241 882	2.230 488	9.999 992	663
		1287			1287				
338	7.770 792		8.241 875	7.770 799		8.241 882	2.229 201	9.999 992	662
		1283			1283				
339	7.772 075		8.241 875	7.772 082		8.241 882	2.227 918	9.999 992	661
		1279			1279				
.340	7.773 354		8.241 875	7.773 361		8.241 882	2.226 639	9.999 992	**.660**
		1275			1276				
341	7.774 629		8.241 875	7.774 637		8.241 882	2.225 363	9.999 992	659
		1272			1272				
342	7.775 901		8.241 875	7.775 909		8.241 883	2.224 091	9.999 992	658
		1268			1268				
343	7.777 169		8.241 875	7.777 177		8.241 883	2.222 823	9.999 992	657
		1264			1264				
344	7.778 433		8.241 875	7.778 441		8.241 883	2.221 559	9.999 992	656
		1261			1261				
345	7.779 694		8.241 875	7.779 702		8.241 883	2.220 298	9.999 992	655
		1257			1257				
346	7.780 951		8.241 875	7.780 959		8.241 883	2.219 041	9.999 992	654
		1253			1253				
347	7.782 204		8.241 875	7.782 212		8.241 883	2.217 788	9.999 992	653
		1250			1250				
348	7.783 454		8.241 875	7.783 462		8.241 883	2.216 538	9.999 992	652
		1246			1246				
349	7.784 700		8.241 875	7.784 708		8.241 883	2.215 292	9.999 992	651
		1243			1243				
.350	7.785 943		8.241 875	7.785 951		8.241 883	2.214 049	9.999 992	**.650**
	cos	d		cotg	d		tang	sin	**89°**

89°.700 — 89°.650

0°.350 — 0°.400

0°	sin	d	S	tang	d	T	cotg	cos	
.350	7.785 943		8.241 875	7.785 951		8.241 883	2.214 049	9.999 992	**.650**
		1239			1239				
351	7.787 182		8.241 875	7.787 190		8.241 883	2.212 810	9.999 992	649
		1235			1235				
352	7.788 417		8.241 875	7.788 425		8.241 883	2.211 575	9.999 992	648
		1232			1233				
353	7.789 649		8.241 875	7.789 658		8.241 883	2.210 342	9.999 992	647
		1229			1228				
354	7.790 878		8.241 875	7.790 886		8.241 883	2.209 114	9.999 992	646
		1225			1225				
355	7.792 103		8.241 875	7.792 111		8.241 883	2.207 889	9.999 992	645
		1222			1222				
356	7.793 325		8.241 875	7.793 333		8.241 883	2.206 667	9.999 992	644
		1218			1218				
357	7.794 543		8.241 875	7.794 551		8.241 883	2.205 449	9.999 992	643
		1215			1215				
358	7.795 758		8.241 875	7.795 766		8.241 883	2.204 234	9.999 992	642
		1211			1211				
359	7.796 969		8.241 875	7.796 977		8.241 883	2.203 023	9.999 991	641
		1208			1209				
.360	7.798 177		8.241 875	7.798 186		8.241 883	2.201 814	9.999 991	**.640**
		1205			1204				
361	7.799 382		8.241 874	7.799 390		8.241 883	2.200 610	9.999 991	639
		1201			1202				
362	7.800 583		8.241 874	7.800 592		8.241 883	2.199 408	9.999 991	638
		1198			1198				
363	7.801 781		8.241 874	7.801 790		8.241 883	2.198 210	9.999 991	637
		1195			1195				
364	7.802 976		8.241 874	7.802 985		8.241 883	2.197 015	9.999 991	636
		1191			1191				
365	7.804 167		8.241 874	7.804 176		8.241 883	2.195 824	9.999 991	635
		1188			1188				
366	7.805 355		8.241 874	7.805 364		8.241 883	2.194 636	9.999 991	634
		1185			1185				
367	7.806 540		8.241 874	7.806 549		8.241 883	2.193 451	9.999 991	633
		1182			1182				
368	7.807 722		8.241 874	7.807 731		8.241 883	2.192 269	9.999 991	632
		1179			1179				
369	7.808 901		8.241 874	7.808 910		8.241 883	2.191 090	9.999 991	631
		1175			1175				
.370	7.810 076		8.241 874	7.810 085		8.241 883	2.189 915	9.999 991	**.630**
		1172			1172				
371	7.811 248		8.241 874	7.811 257		8.241 883	2.188 743	9.999 991	629
		1169			1169				
372	7.812 417		8.241 874	7.812 426		8.241 883	2.187 574	9.999 991	628
		1166			1166				
373	7.813 583		8.241 874	7.813 592		8.241 884	2.186 408	9.999 991	627
		1163			1163				
374	7.814 746		8.241 874	7.814 755		8.241 884	2.185 245	9.999 991	626
		1160			1160				
375	7.815 906		8.241 874	7.815 915		8.241 884	2.184 085	9.999 991	625
		1156			1156				
376	7.817 062		8.241 874	7.817 071		8.241 884	2.182 929	9.999 991	624
		1154			1154				
377	7.818 216		8.241 874	7.818 225		8.241 884	2.181 775	9.999 991	623
		1150			1150				
378	7.819 366		8.241 874	7.819 375		8.241 884	2.180 625	9.999 991	622
		1147			1148				
379	7.820 513		8.241 874	7.820 523		8.241 884	2.179 477	9.999 990	621
		1145			1144				
.380	7.821 658		8.241 874	7.821 667		8.241 884	2.178 333	9.999 990	**.620**
		1141			1142				
381	7.822 799		8.241 874	7.822 809		8.241 884	2.177 191	9.999 990	619
		1139			1138				
382	7.823 938		8.241 874	7.823 947		8.241 884	2.176 053	9.999 990	618
		1135			1136				
383	7.825 073		8.241 874	7.825 083		8.241 884	2.174 917	9.999 990	617
		1132			1132				
384	7.826 205		8.241 874	7.826 215		8.241 884	2.173 785	9.999 990	616
		1130			1130				
385	7.827 335		8.241 874	7.827 345		8.241 884	2.172 655	9.999 990	615
		1126			1126				
386	7.828 461		8.241 874	7.828 471		8.241 884	2.171 529	9.999 990	614
		1124			1124				
387	7.829 585		8.241 874	7.829 595		8.241 884	2.170 405	9.999 990	613
		1121			1121				
388	7.830 706		8.241 874	7.830 716		8.241 884	2.169 284	9.999 990	612
		1118			1118				
389	7.831 824		8.241 874	7.831 834		8.241 884	2.168 166	9.999 990	611
		1115			1115				
.390	7.832 939		8.241 874	7.832 949		8.241 884	2.167 051	9.999 990	**.610**
		1112			1112				
391	7.834 051		8.241 874	7.834 061		8.241 884	2.165 939	9.999 990	609
		1109			1109				
392	7.835 160		8.241 874	7.835 170		8.241 884	2.164 830	9.999 990	608
		1107			1107				
393	7.836 267		8.241 874	7.836 277		8.241 884	2.163 723	9.999 990	607
		1103			1103				
394	7.837 370		8.241 874	7.837 380		8.241 884	2.162 620	9.999 990	606
		1101			1101				
395	7.838 471		8.241 874	7.838 481		8.241 884	2.161 519	9.999 990	605
		1098			1098				
396	7.839 569		8.241 874	7.839 579		8.241 884	2.160 421	9.999 990	604
		1095			1096				
397	7.840 664		8.241 874	7.840 675		8.241 884	2.159 325	9.999 990	603
		1093			1092				
398	7.841 757		8.241 874	7.841 767		8.241 884	2.158 233	9.999 990	602
		1090			1090				
399	7.842 847		8.241 874	7.842 857		8.241 884	2.157 143	9.999 989	601
		1087			1087				
.400	7.843 934		8.241 874	7.843 944		8.241 884	2.156 056	9.999 989	**.600**
	cos	d		cotg	d		tang	sin	**89°**

89°.650 — 89°.600

0°.400 — 0°.450

0°	sin	d	tang	d	cotg	cos	d	
.400	7.843 934	1084	7.843 944	1085	2.156 056	9.999 989	0	.600
401	7.845 018	1082	7.845 029	1082	2.154 971	9.999 989	0	599
402	7.846 100	1079	7.846 111	1079	2.153 889	9.999 989	0	598
403	7.847 179	1076	7.847 190	1076	2.152 810	9.999 989	0	597
404	7.848 255	1074	7.848 266	1074	2.151 734	9.999 989	0	596
405	7.849 329	1071	7.849 340	1071	2.150 660	9.999 989	0	595
406	7.850 400	1068	7.850 411	1068	2.149 589	9.999 989	0	594
407	7.851 468	1066	7.851 479	1066	2.148 521	9.999 989	0	593
408	7.852 534	1063	7.852 545	1063	2.147 455	9.999 989	0	592
409	7.853 597	1061	7.853 608	1061	2.146 392	9.999 989	0	591
.410	7.854 658	1057	7.854 669	1058	2.145 331	9.999 989	0	.590
411	7.855 715	1056	7.855 727	1055	2.144 273	9.999 989	0	589
412	7.856 771	1053	7.856 782	1053	2.143 218	9.999 989	0	588
413	7.857 824	1050	7.857 835	1050	2.142 165	9.999 989	0	587
414	7.858 874	1048	7.858 885	1048	2.141 115	9.999 989	0	586
415	7.859 922	1045	7.859 933	1045	2.140 067	9.999 989	0	585
416	7.860 967	1043	7.860 978	1043	2.139 022	9.999 989	1	584
417	7.862 010	1040	7.862 021	1040	2.137 979	9.999 988	0	583
418	7.863 050	1038	7.863 061	1038	2.136 939	9.999 988	0	582
419	7.864 088	1035	7.864 099	1035	2.135 901	9.999 988	0	581
.420	7.865 123	1033	7.865 134	1033	2.134 866	9.999 988	0	.580
421	7.866 156	1030	7.866 167	1031	2.133 833	9.999 988	0	579
422	7.867 186	1028	7.867 198	1028	2.132 802	9.999 988	0	578
423	7.868 214	1025	7.868 226	1025	2.131 774	9.999 988	0	577
424	7.869 239	1023	7.869 251	1023	2.130 749	9.999 988	0	576
425	7.870 262	1021	7.870 274	1021	2.129 726	9.999 988	0	575
426	7.871 283	1018	7.871 295	1018	2.128 705	9.999 988	0	574
427	7.872 301	1016	7.872 313	1016	2.127 687	9.999 988	0	573
428	7.873 317	1014	7.873 329	1014	2.126 671	9.999 988	0	572
429	7.874 331	1011	7.874 343	1011	2.125 657	9.999 988	0	571
.430	7.875 342	1009	7.875 354	1009	2.124 646	9.999 988	0	.570
431	7.876 351	1006	7.876 363	1006	2.123 637	9.999 988	0	569
432	7.877 357	1004	7.877 369	1005	2.122 631	9.999 988	0	568
433	7.878 361	1002	7.878 374	1001	2.121 626	9.999 988	0	567
434	7.879 363	999	7.879 375	1000	2.120 625	9.999 988	1	566
435	7.880 362	998	7.880 375	997	2.119 625	9.999 987	0	565
436	7.881 360	995	7.881 372	995	2.118 628	9.999 987	0	564
437	7.882 355	992	7.882 367	993	2.117 633	9.999 987	0	563
438	7.883 347	991	7.883 360	990	2.116 640	9.999 987	0	562
439	7.884 338	988	7.884 350	989	2.115 650	9.999 987	0	561
.440	7.885 326	986	7.885 339	986	2.114 661	9.999 987	0	.560
441	7.886 312	983	7.886 325	983	2.113 675	9.999 987	0	559
442	7.887 295	982	7.887 308	982	2.112 692	9.999 987	0	558
443	7.888 277	979	7.888 290	979	2.111 710	9.999 987	0	557
444	7.889 256	977	7.889 269	977	2.110 731	9.999 987	0	556
445	7.890 233	975	7.890 246	975	2.109 754	9.999 987	0	555
446	7.891 208	972	7.891 221	973	2.108 779	9.999 987	0	554
447	7.892 180	971	7.892 194	970	2.107 806	9.999 987	0	553
448	7.893 151	968	7.893 164	969	2.106 836	9.999 987	0	552
449	7.894 119	966	7.894 133	966	2.105 867	9.999 987	0	551
.450	7.895 085		7.895 099		2.104 901	9.999 987		.550
	cos	d	cotg	d	tang	sin	d	89°

P.P.

	1085	1080	1075
1	108.5	108.0	107.5
2	217.0	216.0	215.0
3	325.5	324.0	322.5
4	434.0	432.0	430.0
5	542.5	540.0	537.5
6	651.0	648.0	645.0
7	759.5	756.0	752.5
8	868.0	864.0	860.0
9	976.5	972.0	967.5

	1070	1065	1060
1	107.0	106.5	106.0
2	214.0	213.0	212.0
3	321.0	319.5	318.0
4	428.0	426.0	424.0
5	535.0	532.5	530.0
6	642.0	639.0	636.0
7	749.0	745.5	742.0
8	856.0	852.0	848.0
9	963.0	958.5	954.0

	1055	1050	1045
1	105.5	105.0	104.5
2	211.0	210.0	209.0
3	316.5	315.0	313.5
4	422.0	420.0	418.0
5	527.5	525.0	522.5
6	633.0	630.0	627.0
7	738.5	735.0	731.5
8	844.0	840.0	836.0
9	949.5	945.0	940.5

	1040	1030	1020
1	104.0	103.0	102.0
2	208.0	206.0	204.0
3	312.0	309.0	306.0
4	416.0	412.0	408.0
5	520.0	515.0	510.0
6	624.0	618.0	612.0
7	728.0	721.0	714.0
8	832.0	824.0	816.0
9	936.0	927.0	918.0

	1010	1000	995
1	101.0	100.0	99.5
2	202.0	200.0	199.0
3	303.0	300.0	298.5
4	404.0	400.0	398.0
5	505.0	500.0	497.5
6	606.0	600.0	597.0
7	707.0	700.0	696.5
8	808.0	800.0	796.0
9	909.0	900.0	895.5

	990	985	980
1	99.0	98.5	98.0
2	198.0	197.0	196.0
3	297.0	295.5	294.0
4	396.0	394.0	392.0
5	495.0	492.5	490.0
6	594.0	591.0	588.0
7	693.0	689.5	686.0
8	792.0	788.0	784.0
9	891.0	886.5	882.0

	975	970	966
1	97.5	97.0	96.6
2	195.0	194.0	193.2
3	292.5	291.0	289.8
4	390.0	388.0	386.4
5	487.5	485.0	483.0
6	585.0	582.0	579.6
7	682.5	679.0	676.2
8	780.0	776.0	772.8
9	877.5	873.0	869.4

89°.600 — 89°.550

0°.450 — 0°.500

0°	sin	d	tang	d	cotg	cos	d	
.450	7.895 085	964	7.895 099	964	2.104 901	9.999 987	0	.550
451	7.896 049	962	7.896 063	962	2.103 937	9.999 987	1	549
452	7.897 011	960	7.897 025	960	2.102 975	9.999 986	0	548
453	7.897 971	958	7.897 985	957	2.102 015	9.999 986	0	547
454	7.898 929	955	7.898 942	956	2.101 058	9.999 986	0	546
455	7.899 884	954	7.899 898	953	2.100 102	9.999 986	0	545
456	7.900 838	951	7.900 851	952	2.099 149	9.999 986	0	544
457	7.901 789	949	7.901 803	949	2.098 197	9.999 986	0	543
458	7.902 738	947	7.902 752	947	2.097 248	9.999 986	0	542
459	7.903 685	946	7.903 699	946	2.096 301	9.999 986	0	541
.460	7.904 631	943	7.904 645	943	2.095 355	9.999 986	0	.540
461	7.905 574	941	7.905 588	941	2.094 412	9.999 986	0	539
462	7.906 515	939	7.906 529	939	2.093 471	9.999 986	0	538
463	7.907 454	937	7.907 468	937	2.092 532	9.999 986	0	537
464	7.908 391	935	7.908 405	935	2.091 595	9.999 986	0	536
465	7.909 326	932	7.909 340	933	2.090 660	9.999 986	0	535
466	7.910 258	931	7.910 273	931	2.089 727	9.999 986	0	534
467	7.911 189	929	7.911 204	929	2.088 796	9.999 986	0	533
468	7.912 118	927	7.912 133	927	2.087 867	9.999 986	0	532
469	7.913 045	925	7.913 060	925	2.086 940	9.999 985	1	531
.470	7.913 970	923	7.913 985	923	2.086 015	9.999 985	0	.530
471	7.914 893	921	7.914 908	921	2.085 092	9.999 985	0	529
472	7.915 814	920	7.915 829	919	2.084 171	9.999 985	0	528
473	7.916 734	917	7.916 748	918	2.083 252	9.999 985	0	527
474	7.917 651	915	7.917 666	915	2.082 334	9.999 985	0	526
475	7.918 566	913	7.918 581	913	2.081 419	9.999 985	0	525
476	7.919 479	912	7.919 494	912	2.080 506	9.999 985	0	524
477	7.920 391	909	7.920 406	909	2.079 594	9.999 985	0	523
478	7.921 300	908	7.921 315	908	2.078 685	9.999 985	0	522
479	7.922 208	906	7.922 223	906	2.077 777	9.999 985	0	521
.480	7.923 114	903	7.923 129	904	2.076 871	9.999 985	0	.520
481	7.924 017	902	7.924 033	902	2.075 967	9.999 985	0	519
482	7.924 919	900	7.924 935	900	2.075 065	9.999 985	0	518
483	7.925 819	899	7.925 835	898	2.074 165	9.999 985	0	517
484	7.926 718	896	7.926 733	896	2.073 267	9.999 985	1	516
485	7.927 614	894	7.927 629	895	2.072 371	9.999 984	0	515
486	7.928 508	893	7.928 524	893	2.071 476	9.999 984	0	514
487	7.929 401	891	7.929 417	891	2.070 583	9.999 984	0	513
488	7.930 292	889	7.930 308	889	2.069 692	9.999 984	0	512
489	7.931 181	887	7.931 197	887	2.068 803	9.999 984	0	511
.490	7.932 068	886	7.932 084	885	2.067 916	9.999 984	0	.510
491	7.932 954	883	7.932 969	884	2.067 031	9.999 984	0	509
492	7.933 837	882	7.933 853	882	2.066 147	9.999 984	0	508
493	7.934 719	880	7.934 735	880	2.065 265	9.999 984	0	507
494	7.935 599	878	7.935 615	878	2.064 385	9.999 984	0	506
495	7.936 477	877	7.936 493	877	2.063 507	9.999 984	0	505
496	7.937 354	874	7.937 370	875	2.062 630	9.999 984	0	504
497	7.938 228	873	7.938 245	873	2.061 755	9.999 984	0	503
498	7.939 101	871	7.939 118	871	2.060 882	9.999 984	0	502
499	7.939 972	870	7.939 989	869	2.060 011	9.999 984	1	501
.500	7.940 842		7.940 858		2.059 142	9.999 983		.500
	cos	d	cotg	d	tang	sin	d	89°

P.P.

	964	960	955
1	96.4	96.0	95.5
2	192.8	192.0	191.0
3	289.2	288.0	286.5
4	385.6	384.0	382.0
5	482.0	480.0	477.5
6	578.4	576.0	573.0
7	674.8	672.0	668.5
8	771.2	768.0	764.0
9	867.6	864.0	859.5

	950	945	940
1	95.0	94.5	94.0
2	190.0	189.0	188.0
3	285.0	283.5	282.0
4	380.0	378.0	376.0
5	475.0	472.5	470.0
6	570.0	567.0	564.0
7	665.0	661.5	658.0
8	760.0	756.0	752.0
9	855.0	850.5	846.0

	935	930	925
1	93.5	93.0	92.5
2	187.0	186.0	185.0
3	280.5	279.0	277.5
4	374.0	372.0	370.0
5	467.5	465.0	462.5
6	561.0	558.0	555.0
7	654.5	651.0	647.5
8	748.0	744.0	740.0
9	841.5	837.0	832.5

	920	915	910
1	92.0	91.5	91.0
2	184.0	183.0	182.0
3	276.0	274.5	273.0
4	368.0	366.0	364.0
5	460.0	457.5	455.0
6	552.0	549.0	546.0
7	644.0	640.5	637.0
8	736.0	732.0	728.0
9	828.0	823.5	819.0

	905	900	895
1	90.5	90.0	89.5
2	181.0	180.0	179.0
3	271.5	270.0	268.5
4	362.0	360.0	358.0
5	452.5	450.0	447.5
6	543.0	540.0	537.0
7	633.5	630.0	626.5
8	724.0	720.0	716.0
9	814.5	810.0	805.5

	890	885	880
1	89.0	88.5	88.0
2	178.0	177.0	176.0
3	267.0	265.5	264.0
4	356.0	354.0	352.0
5	445.0	442.5	440.0
6	534.0	531.0	528.0
7	623.0	619.5	616.0
8	712.0	708.0	704.0
9	801.0	796.5	792.0

	875	870	869
1	87.5	87.0	86.9
2	175.0	174.0	173.8
3	262.5	261.0	260.7
4	350.0	348.0	347.6
5	437.5	435.0	434.5
6	525.0	522.0	521.4
7	612.5	609.0	608.3
8	700.0	696.0	695.2
9	787.5	783.0	782.1

89°.550 — 89°.500

0°.500 — 0°.550

0°	sin	d	tang	d	cotg	cos	d	
.500	7.940 842	868	7.940 858	868	2.059 142	9.999 983	0	.500
501	7.941 710	866	7.941 726	866	2.058 274	9.999 983	0	499
502	7.942 576	864	7.942 592	865	2.057 408	9.999 983	0	498
503	7.943 440	862	7.943 457	862	2.056 543	9.999 983	0	497
504	7.944 302	861	7.944 319	861	2.055 681	9.999 983	0	496
505	7.945 163	859	7.945 180	859	2.054 820	9.999 983	0	495
506	7.946 022	858	7.946 039	858	2.053 961	9.999 983	0	494
507	7.946 880	855	7.946 897	855	2.053 103	9.999 983	0	493
508	7.947 735	854	7.947 752	855	2.052 248	9.999 983	0	492
509	7.948 589	853	7.948 607	852	2.051 393	9.999 983	0	491
.510	7.949 442	851	7.949 459	851	2.050 541	9.999 983	0	.490
511	7.950 293	849	7.950 310	849	2.049 690	9.999 983	0	489
512	7.951 142	847	7.951 159	847	2.048 841	9.999 983	0	488
513	7.951 989	846	7.952 006	846	2.047 994	9.999 983	0	487
514	7.952 835	844	7.952 852	844	2.047 148	9.999 983	1	486
515	7.953 679	842	7.953 696	843	2.046 304	9.999 982	0	485
516	7.954 521	841	7.954 539	841	2.045 461	9.999 982	0	484
517	7.955 362	839	7.955 380	839	2.044 620	9.999 982	0	483
518	7.956 201	838	7.956 219	838	2.043 781	9.999 982	0	482
519	7.957 039	836	7.957 057	836	2.042 943	9.999 982	0	481
.520	7.957 875	834	7.957 893	834	2.042 107	9.999 982	0	.480
521	7.958 709	833	7.958 727	833	2.041 273	9.999 982	0	479
522	7.959 542	831	7.959 560	831	2.040 440	9.999 982	0	478
523	7.960 373	830	7.960 391	830	2.039 609	9.999 982	0	477
524	7.961 203	828	7.961 221	828	2.038 779	9.999 982	0	476
525	7.962 031	826	7.962 049	826	2.037 951	9.999 982	0	475
526	7.962 857	825	7.962 875	825	2.037 125	9.999 982	0	474
527	7.963 682	823	7.963 700	824	2.036 300	9.999 982	0	473
528	7.964 505	822	7.964 524	821	2.035 476	9.999 982	1	472
529	7.965 327	820	7.965 345	821	2.034 655	9.999 981	0	471
.530	7.966 147	819	7.966 166	818	2.033 834	9.999 981	0	.470
531	7.966 966	817	7.966 984	817	2.033 016	9.999 981	0	469
532	7.967 783	815	7.967 801	816	2.032 199	9.999 981	0	468
533	7.968 598	814	7.968 617	814	2.031 383	9.999 981	0	467
534	7.969 412	813	7.969 431	813	2.030 569	9.999 981	0	466
535	7.970 225	811	7.970 244	811	2.029 756	9.999 981	0	465
536	7.971 036	809	7.971 055	809	2.028 945	9.999 981	0	464
537	7.971 845	808	7.971 864	808	2.028 136	9.999 981	0	463
538	7.972 653	807	7.972 672	807	2.027 328	9.999 981	0	462
539	7.973 460	805	7.973 479	805	2.026 521	9.999 981	0	461
.540	7.974 265	803	7.974 284	804	2.025 716	9.999 981	0	.460
541	7.975 068	802	7.975 088	802	2.024 912	9.999 981	0	459
542	7.975 870	801	7.975 890	800	2.024 110	9.999 981	0	458
543	7.976 671	799	7.976 690	799	2.023 310	9.999 980	1	457
544	7.977 470	797	7.977 489	798	2.022 511	9.999 980	0	456
545	7.978 267	796	7.978 287	796	2.021 713	9.999 980	0	455
546	7.979 063	795	7.979 083	795	2.020 917	9.999 980	0	454
547	7.979 858	793	7.979 878	793	2.020 122	9.999 980	0	453
548	7.980 651	792	7.980 671	792	2.019 329	9.999 980	0	452
549	7.981 443	790	7.981 463	790	2.018 537	9.999 980	0	451
.550	7.982 233		7.982 253		2.017 747	9.999 980		.450
	cos	d	cotg	d	tang	sin	d	89°

P.P.

	868	865	860
1	86.8	86.5	86.0
2	173.6	173.0	172.0
3	260.4	259.5	258.0
4	347.2	346.0	344.0
5	434.0	432.5	430.0
6	520.8	519.0	516.0
7	607.6	605.5	602.0
8	694.4	692.0	688.0
9	781.2	778.5	774.0

	858	855	850
1	85.8	85.5	85.0
2	171.6	171.0	170.0
3	257.4	256.5	255.0
4	343.2	342.0	340.0
5	429.0	427.5	425.0
6	514.8	513.0	510.0
7	600.6	598.5	595.0
8	686.4	684.0	680.0
9	772.2	769.5	765.0

	845	840	838
1	84.5	84.0	83.8
2	169.0	168.0	167.6
3	253.5	252.0	251.4
4	338.0	336.0	335.2
5	422.5	420.0	419.0
6	507.0	504.0	502.8
7	591.5	588.0	586.6
8	676.0	672.0	670.4
9	760.5	756.0	754.2

	835	830	825
1	83.5	83.0	82.5
2	167.0	166.0	165.0
3	250.5	249.0	247.5
4	334.0	332.0	330.0
5	417.5	415.0	412.5
6	501.0	498.0	495.0
7	584.5	581.0	577.5
8	668.0	664.0	660.0
9	751.5	747.0	742.5

	820	818	815
1	82.0	81.8	81.5
2	164.0	163.6	163.0
3	246.0	245.4	244.5
4	328.0	327.2	326.0
5	410.0	409.0	407.5
6	492.0	490.8	489.0
7	574.0	572.6	570.5
8	656.0	654.4	652.0
9	738.0	736.2	733.5

	810	805	800
1	81.0	80.5	80.0
2	162.0	161.0	160.0
3	243.0	241.5	240.0
4	324.0	322.0	320.0
5	405.0	402.5	400.0
6	486.0	483.0	480.0
7	567.0	563.5	560.0
8	648.0	644.0	640.0
9	729.0	724.5	720.0

	798	795	790
1	79.8	79.5	79.0
2	159.6	159.0	158.0
3	239.4	238.5	237.0
4	319.2	318.0	316.0
5	399.0	397.5	395.0
6	478.8	477.0	474.0
7	558.6	556.5	553.0
8	638.4	636.0	632.0
9	718.2	715.5	711.0

89°.500 — 89°.450

0°.550 — 0°.600

0°	sin	d	tang	d	cotg	cos	d	
.550	7.982 233	789	7.982 253	789	2.017 747	9.999 980	0	.450
551	7.983 022	788	7.983 042	788	2.016 958	9.999 980	0	449
552	7.983 810	786	7.983 830	786	2.016 170	9.999 980	0	448
553	7.984 596	784	7.984 616	785	2.015 384	9.999 980	0	447
554	7.985 380	784	7.985 401	783	2.014 599	9.999 980	0	446
555	7.986 164	781	7.986 184	782	2.013 816	9.999 980	0	445
556	7.986 945	781	7.986 966	780	2.013 034	9.999 980	1	444
557	7.987 726	779	7.987 746	779	2.012 254	9.999 979	0	443
558	7.988 505	777	7.988 525	778	2.011 475	9.999 979	0	442
559	7.989 282	776	7.989 303	776	2.010 697	9.999 979	0	441
.560	7.990 058	775	7.990 079	775	2.009 921	9.999 979	0	.440
561	7.990 833	774	7.990 854	774	2.009 146	9.999 979	0	439
562	7.991 607	772	7.991 628	772	2.008 372	9.999 979	0	438
563	7.992 379	770	7.992 400	770	2.007 600	9.999 979	0	437
564	7.993 149	770	7.993 170	770	2.006 830	9.999 979	0	436
565	7.993 919	768	7.993 940	768	2.006 060	9.999 979	0	435
566	7.994 687	766	7.994 708	767	2.005 292	9.999 979	0	434
567	7.995 453	766	7.995 475	765	2.004 525	9.999 979	0	433
568	7.996 219	763	7.996 240	764	2.003 760	9.999 979	0	432
569	7.996 982	763	7.997 004	763	2.002 996	9.999 979	0	431
.570	7.997 745	761	7.997 767	761	2.002 233	9.999 979	1	.430
571	7.998 506	760	7.998 528	760	2.001 472	9.999 978	0	429
572	7.999 266	759	7.999 288	758	2.000 712	9.999 978	0	428
573	8.000 025	757	8.000 046	758	1.999 954	9.999 978	0	427
574	8.000 782	756	8.000 804	756	1.999 196	9.999 978	0	426
575	8.001 538	755	8.001 560	754	1.998 440	9.999 978	0	425
576	8.002 293	753	8.002 314	754	1.997 686	9.999 978	0	424
577	8.003 046	752	8.003 068	752	1.996 932	9.999 978	0	423
578	8.003 798	751	8.003 820	751	1.996 180	9.999 978	0	422
579	8.004 549	749	8.004 571	749	1.995 429	9.999 978	0	421
.580	8.005 298	748	8.005 320	748	1.994 680	9.999 978	0	.420
581	8.006 046	747	8.006 068	747	1.993 932	9.999 978	0	419
582	8.006 793	745	8.006 815	746	1.993 185	9.999 978	0	418
583	8.007 538	745	8.007 561	744	1.992 439	9.999 978	0	417
584	8.008 283	743	8.008 305	743	1.991 695	9.999 977	1	416
585	8.009 026	741	8.009 048	742	1.990 952	9.999 977	0	415
586	8.009 767	741	8.009 790	741	1.990 210	9.999 977	0	414
587	8.010 508	739	8.010 531	739	1.989 469	9.999 977	0	413
588	8.011 247	738	8.011 270	738	1.988 730	9.999 977	0	412
589	8.011 985	737	8.012 008	737	1.987 992	9.999 977	0	411
.590	8.012 722	735	8.012 745	735	1.987 255	9.999 977	0	.410
591	8.013 457	734	8.013 480	735	1.986 520	9.999 977	0	409
592	8.014 191	733	8.014 215	733	1.985 785	9.999 977	0	408
593	8.014 924	732	8.014 948	731	1.985 052	9.999 977	0	407
594	8.015 656	731	8.015 679	731	1.984 321	9.999 977	0	406
595	8.016 387	729	8.016 410	729	1.983 590	9.999 977	0	405
596	8.017 116	728	8.017 139	728	1.982 861	9.999 977	0	404
597	8.017 844	727	8.017 867	727	1.982 133	9.999 976	1	403
598	8.018 571	725	8.018 594	726	1.981 406	9.999 976	0	402
599	8.019 296	725	8.019 320	724	1.980 680	9.999 976	0	401
.600	8.020 021		8.020 044		1.979 956	9.999 976	0	.400
	cos	d	cotg	d	tang	sin	d	89°

P.P.

	789	786	783
1	78.9	78.6	78.3
2	157.8	157.2	156.6
3	236.7	235.8	234.9
4	315.6	314.4	313.2
5	394.5	393.0	391.5
6	473.4	471.6	469.8
7	552.3	550.2	548.1
8	631.2	628.8	626.4
9	710.1	707.4	704.7

	780	775	770
1	78.0	77.5	77.0
2	156.0	155.0	154.0
3	234.0	232.5	231.0
4	312.0	310.0	308.0
5	390.0	387.5	385.0
6	468.0	465.0	462.0
7	546.0	542.5	539.0
8	624.0	620.0	616.0
9	702.0	697.5	693.0

	767	764	760
1	76.7	76.4	76.0
2	153.4	152.8	152.0
3	230.1	229.2	228.0
4	306.8	305.6	304.0
5	383.5	382.0	380.0
6	460.2	458.4	456.0
7	536.9	534.8	532.0
8	613.6	611.2	608.0
9	690.3	687.6	684.0

	758	755	752
1	75.8	75.5	75.2
2	151.6	151.0	150.4
3	227.4	226.5	225.6
4	303.2	302.0	300.8
5	379.0	377.5	376.0
6	454.8	453.0	451.2
7	530.6	528.5	526.4
8	606.4	604.0	601.6
9	682.2	679.5	676.8

	750	746	742
1	75.0	74.6	74.2
2	150.0	149.2	148.4
3	225.0	223.8	222.6
4	300.0	298.4	296.8
5	375.0	373.0	371.0
6	450.0	447.6	445.2
7	525.0	522.2	519.4
8	600.0	596.8	593.6
9	675.0	671.4	667.8

	740	736	733
1	74.0	73.6	73.3
2	148.0	147.2	146.6
3	222.0	220.8	219.9
4	296.0	294.4	293.2
5	370.0	368.0	366.5
6	444.0	441.6	439.8
7	518.0	515.2	513.1
8	592.0	588.8	586.4
9	666.0	662.4	659.7

	730	727	724
1	73.0	72.7	72.4
2	146.0	145.4	144.8
3	219.0	218.1	217.2
4	292.0	290.8	289.6
5	365.0	363.5	362.0
6	438.0	436.2	434.4
7	511.0	508.9	506.8
8	584.0	581.6	579.2
9	657.0	654.3	651.6

89°.450 — 89°.400

0°.600 — 0°.650

0°	sin	d	tang	d	cotg	cos	d	
.600	8.020 021	723	8.020 044	724	1.979 956	9.999 976	0	**.400**
601	8.020 744	722	8.020 768	722	1.979 232	9.999 976	0	399
602	8.021 466	721	8.021 490	721	1.978 510	9.999 976	0	398
603	8.022 187	719	8.022 211	719	1.977 789	9.999 976	0	397
604	8.022 906	719	8.022 930	719	1.977 070	9.999 976	0	396
605	8.023 625	717	8.023 649	717	1.976 351	9.999 976	0	395
606	8.024 342	716	8.024 366	716	1.975 634	9.999 976	0	394
607	8.025 058	715	8.025 082	715	1.974 918	9.999 976	0	393
608	8.025 773	713	8.025 797	714	1.974 203	9.999 976	1	392
609	8.026 486	713	8.026 511	713	1.973 489	9.999 975	0	391
.610	8.027 199	711	8.027 224	711	1.972 776	9.999 975	0	**.390**
611	8.027 910	711	8.027 935	710	1.972 065	9.999 975	0	389
612	8.028 621	709	8.028 645	709	1.971 355	9.999 975	0	388
613	8.029 330	707	8.029 354	708	1.970 646	9.999 975	0	387
614	8.030 037	707	8.030 062	707	1.969 938	9.999 975	0	386
615	8.030 744	706	8.030 769	706	1.969 231	9.999 975	0	385
616	8.031 450	704	8.031 475	704	1.968 525	9.999 975	0	384
617	8.032 154	703	8.032 179	704	1.967 821	9.999 975	0	383
618	8.032 857	703	8.032 883	702	1.967 117	9.999 975	0	382
619	8.033 560	701	8.033 585	701	1.966 415	9.999 975	0	381
.620	8.034 261	699	8.034 286	700	1.965 714	9.999 975	1	**.380**
621	8.034 960	699	8.034 986	699	1.965 014	9.999 974	0	379
622	8.035 659	698	8.035 685	698	1.964 315	9.999 974	0	378
623	8.036 357	696	8.036 383	696	1.963 617	9.999 974	0	377
624	8.037 053	696	8.037 079	696	1.962 921	9.999 974	0	376
625	8.037 749	694	8.037 775	694	1.962 225	9.999 974	0	375
626	8.038 443	693	8.038 469	693	1.961 531	9.999 974	0	374
627	8.039 136	692	8.039 162	692	1.960 838	9.999 974	0	373
628	8.039 828	691	8.039 854	691	1.960 146	9.999 974	0	372
629	8.040 519	690	8.040 545	690	1.959 455	9.999 974	0	371
.630	8.041 209	689	8.041 235	689	1.958 765	9.999 974	0	**.370**
631	8.041 898	688	8.041 924	688	1.958 076	9.999 974	0	369
632	8.042 586	686	8.042 612	687	1.957 388	9.999 974	0	368
633	8.043 272	686	8.043 299	685	1.956 701	9.999 973	1	367
634	8.043 958	684	8.043 984	685	1.956 016	9.999 973	0	366
635	8.044 642	684	8.044 669	683	1.955 331	9.999 973	0	365
636	8.045 326	682	8.045 352	683	1.954 648	9.999 973	0	364
637	8.046 008	681	8.046 035	681	1.953 965	9.999 973	0	363
638	8.046 689	680	8.046 716	680	1.953 284	9.999 973	0	362
639	8.047 369	679	8.047 396	679	1.952 604	9.999 973	0	361
.640	8.048 048	678	8.048 075	679	1.951 925	9.999 973	0	**.360**
641	8.048 726	677	8.048 754	677	1.951 246	9.999 973	0	359
642	8.049 403	676	8.049 431	676	1.950 569	9.999 973	0	358
643	8.050 079	675	8.050 107	675	1.949 893	9.999 973	0	357
644	8.050 754	674	8.050 782	673	1.949 218	9.999 973	1	356
645	8.051 428	673	8.051 455	673	1.948 545	9.999 972	0	355
646	8.052 101	671	8.052 128	672	1.947 872	9.999 972	0	354
647	8.052 772	671	8.052 800	671	1.947 200	9.999 972	0	353
648	8.053 443	670	8.053 471	670	1.946 529	9.999 972	0	352
649	8.054 113	668	8.054 141	668	1.945 859	9.999 972	0	351
.650	8.054 781		8.054 809		1.945 191	9.999 972		**.350**
	cos	d	cotg	d	tang	sin	d	**89°**

P.P.

	724	722	720
1	72.4	72.2	72.0
2	144.8	144.4	144.0
3	217.2	216.6	216.0
4	289.6	288.8	288.0
5	362.0	361.0	360.0
6	434.4	433.2	432.0
7	506.8	505.4	504.0
8	579.2	577.6	576.0
9	651.6	649.8	648.0

	717	714	711
1	71.7	71.4	71.1
2	143.4	142.8	142.2
3	215.1	214.2	213.3
4	286.8	285.6	284.4
5	358.5	357.0	355.5
6	430.2	428.4	426.6
7	501.9	499.8	497.7
8	573.6	571.2	568.8
9	645.3	642.6	639.9

	708	705	702
1	70.8	70.5	70.2
2	141.6	141.0	140.4
3	212.4	211.5	210.6
4	283.2	282.0	280.8
5	354.0	352.5	351.0
6	424.8	423.0	421.2
7	495.6	493.5	491.4
8	566.4	564.0	561.6
9	637.2	634.5	631.8

	699	696	693
1	69.9	69.6	69.3
2	139.8	139.2	138.6
3	209.7	208.8	207.9
4	279.6	278.4	277.2
5	349.5	348.0	346.5
6	419.4	417.6	415.8
7	489.3	487.2	485.1
8	559.2	556.8	554.4
9	629.1	626.4	623.7

	690	687	684
1	69.0	68.7	68.4
2	138.0	137.4	136.8
3	207.0	206.1	205.2
4	276.0	274.8	273.6
5	345.0	343.5	342.0
6	414.0	412.2	410.4
7	483.0	480.9	478.8
8	552.0	549.6	547.2
9	621.0	618.3	615.6

	681	678	675
1	68.1	67.8	67.5
2	136.2	135.6	135.0
3	204.3	203.4	202.5
4	272.4	271.2	270.0
5	340.5	339.0	337.5
6	408.6	406.8	405.0
7	476.7	474.6	472.5
8	544.8	542.4	540.0
9	612.9	610.2	607.5

	672	670	668
1	67.2	67.0	66.8
2	134.4	134.0	133.6
3	201.6	201.0	200.4
4	268.8	268.0	267.2
5	336.0	335.0	334.0
6	403.2	402.0	400.8
7	470.4	469.0	467.6
8	537.6	536.0	534.4
9	604.8	603.0	601.2

P.P.

89°.400 — 89°.350

0°.650 — 0°.700

0°	sin	d	tang	d	cotg	cos	d	
.650	8.054 781	668	8.054 809	668	1.945 191	9.999 972	0	**.350**
651	8.055 449	667	8.055 477	667	1.944 523	9.999 972	0	349
652	8.056 116	665	8.056 144	665	1.943 856	9.999 972	0	348
653	8.056 781	665	8.056 809	665	1.943 191	9.999 972	0	347
654	8.057 446	663	8.057 474	664	1.942 526	9.999 972	0	346
655	8.058 109	663	8.058 138	662	1.941 862	9.999 972	0	345
656	8.058 772	661	8.058 800	662	1.941 200	9.999 972	1	344
657	8.059 433	661	8.059 462	660	1.940 538	9.999 971	0	343
658	8.060 094	659	8.060 122	660	1.939 878	9.999 971	0	342
659	8.060 753	659	8.060 782	659	1.939 218	9.999 971	0	341
.660	8.061 412	657	8.061 441	657	1.938 559	9.999 971	0	**.340**
661	8.062 069	657	8.062 098	657	1.937 902	9.999 971	0	339
662	8.062 726	655	8.062 755	655	1.937 245	9.999 971	0	338
663	8.063 381	655	8.063 410	655	1.936 590	9.999 971	0	337
664	8.064 036	653	8.064 065	654	1.935 935	9.999 971	0	336
665	8.064 689	653	8.064 719	652	1.935 281	9.999 971	0	335
666	8.065 342	651	8.065 371	652	1.934 629	9.999 971	0	334
667	8.065 993	651	8.066 023	651	1.933 977	9.999 971	1	333
668	8.066 644	650	8.066 674	649	1.933 326	9.999 970	0	332
669	8.067 294	648	8.067 323	649	1.932 677	9.999 970	0	331
.670	8.067 942	648	8.067 972	648	1.932 028	9.999 970	0	**.330**
671	8.068 590	647	8.068 620	647	1.931 380	9.999 970	0	329
672	8.069 237	645	8.069 267	645	1.930 733	9.999 970	0	328
673	8.069 882	645	8.069 912	645	1.930 088	9.999 970	0	327
674	8.070 527	644	8.070 557	644	1.929 443	9.999 970	0	326
675	8.071 171	643	8.071 201	643	1.928 799	9.999 970	0	325
676	8.071 814	642	8.071 844	642	1.928 156	9.999 970	0	324
677	8.072 456	641	8.072 486	641	1.927 514	9.999 970	0	323
678	8.073 097	640	8.073 127	640	1.926 873	9.999 970	0	322
679	8.073 737	639	8.073 767	640	1.926 233	9.999 970	1	321
.680	8.074 376	638	8.074 407	638	1.925 593	9.999 969	0	**.320**
681	8.075 014	637	8.075 045	637	1.924 955	9.999 969	0	319
682	8.075 651	637	8.075 682	637	1.924 318	9.999 969	0	318
683	8.076 288	635	8.076 319	635	1.923 681	9.999 969	0	317
684	8.076 923	635	8.076 954	635	1.923 046	9.999 969	0	316
685	8.077 558	633	8.077 589	633	1.922 411	9.999 969	0	315
686	8.078 191	633	8.078 222	633	1.921 778	9.999 969	0	314
687	8.078 824	631	8.078 855	632	1.921 145	9.999 969	0	313
688	8.079 455	631	8.079 487	631	1.920 513	9.999 969	0	312
689	8.080 086	630	8.080 118	629	1.919 882	9.999 969	0	311
.690	8.080 716	629	8.080 747	629	1.919 253	9.999 969	1	**.310**
691	8.081 345	628	8.081 376	629	1.918 624	9.999 968	0	309
692	8.081 973	627	8.082 005	627	1.917 995	9.999 968	0	308
693	8.082 600	626	8.082 632	626	1.917 368	9.999 968	0	307
694	8.083 226	626	8.083 258	625	1.916 742	9.999 968	0	306
695	8.083 852	624	8.083 883	625	1.916 117	9.999 968	0	305
696	8.084 476	623	8.084 508	624	1.915 492	9.999 968	0	304
697	8.085 099	623	8.085 132	622	1.914 868	9.999 968	0	303
698	8.085 722	622	8.085 754	622	1.914 246	9.999 968	0	302
699	8.086 344	621	8.086 376	621	1.913 624	9.999 968	0	301
.700	8.086 965		8.086 997		1.913 003	9.999 968		**.300**
	cos	d	cotg	d	tang	sin	d	**89°**

P.P.

	668	667	665
1	66.8	66.7	66.5
2	133.6	133.4	133.0
3	200.4	200.1	199.5
4	267.2	266.8	266.0
5	334.0	333.5	332.5
6	400.8	400.2	399.0
7	467.6	466.9	465.5
8	534.4	533.6	532.0
9	601.2	600.3	598.5

	662	660	657
1	66.2	66.0	65.7
2	132.4	132.0	131.4
3	198.6	198.0	197.1
4	264.8	264.0	262.8
5	331.0	330.0	328.5
6	397.2	396.0	394.2
7	463.4	462.0	459.9
8	529.6	528.0	525.6
9	595.8	594.0	591.3

	655	652	650
1	65.5	65.2	65.0
2	131.0	130.4	130.0
3	196.5	195.6	195.0
4	262.0	260.8	260.0
5	327.5	326.0	325.0
6	393.0	391.2	390.0
7	458.5	456.4	455.0
8	524.0	521.6	520.0
9	589.5	586.8	585.0

	647	645	642
1	64.7	64.5	64.2
2	129.4	129.0	128.4
3	194.1	193.5	192.6
4	258.8	258.0	256.8
5	323.5	322.5	321.0
6	388.2	387.0	385.2
7	452.9	451.5	449.4
8	517.6	516.0	513.6
9	582.3	580.5	577.8

	640	637	635
1	64.0	63.7	63.5
2	128.0	127.4	127.0
3	192.0	191.1	190.5
4	256.0	254.8	254.0
5	320.0	318.5	317.5
6	384.0	382.2	381.0
7	448.0	445.9	444.5
8	512.0	509.6	508.0
9	576.0	573.3	571.5

	632	630	627
1	63.2	63.0	62.7
2	126.4	126.0	125.4
3	189.6	189.0	188.1
4	252.8	252.0	250.8
5	316.0	315.0	313.5
6	379.2	378.0	376.2
7	442.4	441.0	438.9
8	505.6	504.0	501.6
9	568.8	567.0	564.3

	625	622	621
1	62.5	62.2	62.1
2	125.0	124.4	124.2
3	187.5	186.6	186.3
4	250.0	248.8	248.4
5	312.5	311.0	310.5
6	375.0	373.2	372.6
7	437.5	435.4	434.7
8	500.0	497.6	496.8
9	562.5	559.8	558.9

89°.350 — 89°.300

0°.700 — 0°.750

0°	sin	d	tang	d	cotg	cos	d	
.700	8.086 965	620	8.086 997	620	1.913 003	9.999 968	1	**.300**
701	8.087 585	619	8.087 617	619	1.912 383	9.999 967	0	299
702	8.088 204	618	8.088 236	618	1.911 764	9.999 967	0	298
703	8.088 822	617	8.088 854	618	1.911 146	9.999 967	0	297
704	8.089 439	617	8.089 472	616	1.910 528	9.999 967	0	296
705	8.090 056	615	8.090 088	616	1.909 912	9.999 967	0	295
706	8.090 671	615	8.090 704	615	1.909 296	9.999 967	0	294
707	8.091 286	614	8.091 319	614	1.908 681	9.999 967	0	293
708	8.091 900	613	8.091 933	613	1.908 067	9.999 967	0	292
709	8.092 513	612	8.092 546	612	1.907 454	9.999 967	0	291
.710	8.093 125	611	8.093 158	611	1.906 842	9.999 967	0	**.290**
711	8.093 736	610	8.093 769	611	1.906 231	9.999 967	1	289
712	8.094 346	610	8.094 380	609	1.905 620	9.999 966	0	288
713	8.094 956	608	8.094 989	609	1.905 011	9.999 966	0	287
714	8.095 564	608	8.095 598	608	1.904 402	9.999 966	0	286
715	8.096 172	607	8.096 206	607	1.903 794	9.999 966	0	285
716	8.096 779	606	8.096 813	606	1.903 187	9.999 966	0	284
717	8.097 385	605	8.097 419	606	1.902 581	9.999 966	0	283
718	8.097 990	605	8.098 025	604	1.901 975	9.999 966	0	282
719	8.098 595	603	8.098 629	604	1.901 371	9.999 966	0	281
.720	8.099 198	603	8.099 233	603	1.900 767	9.999 966	0	**.280**
721	8.099 801	602	8.099 836	602	1.900 164	9.999 966	0	279
722	8.100 403	601	8.100 438	601	1.899 562	9.999 966	0	278
723	8.101 004	600	8.101 039	600	1.898 961	9.999 965	1	277
724	8.101 604	600	8.101 639	600	1.898 361	9.999 965	0	276
725	8.102 204	598	8.102 239	598	1.897 761	9.999 965	0	275
726	8.102 802	598	8.102 837	598	1.897 163	9.999 965	0	274
727	8.103 400	597	8.103 435	597	1.896 565	9.999 965	0	273
728	8.103 997	596	8.104 032	596	1.895 968	9.999 965	0	272
729	8.104 593	595	8.104 628	596	1.895 372	9.999 965	0	271
.730	8.105 188	595	8.105 224	594	1.894 776	9.999 965	0	**.270**
731	8.105 783	594	8.105 818	594	1.894 182	9.999 965	0	269
732	8.106 377	592	8.106 412	593	1.893 588	9.999 965	1	268
733	8.106 969	593	8.107 005	592	1.892 995	9.999 964	0	267
734	8.107 562	591	8.107 597	592	1.892 403	9.999 964	0	266
735	8.108 153	590	8.108 189	590	1.891 811	9.999 964	0	265
736	8.108 743	590	8.108 779	590	1.891 221	9.999 964	0	264
737	8.109 333	589	8.109 369	589	1.890 631	9.999 964	0	263
738	8.109 922	588	8.109 958	588	1.890 042	9.999 964	0	262
739	8.110 510	587	8.110 546	587	1.889 454	9.999 964	0	261
.740	8.111 097	586	8.111 133	587	1.888 867	9.999 964	0	**.260**
741	8.111 683	586	8.111 720	586	1.888 280	9.999 964	0	259
742	8.112 269	585	8.112 306	585	1.887 694	9.999 964	0	258
743	8.112 854	584	8.112 891	584	1.887 109	9.999 963	1	257
744	8.113 438	583	8.113 475	583	1.886 525	9.999 963	0	256
745	8.114 021	583	8.114 058	583	1.885 942	9.999 963	0	255
746	8.114 604	582	8.114 641	582	1.885 359	9.999 963	0	254
747	8.115 186	581	8.115 223	581	1.884 777	9.999 963	0	253
748	8.115 767	580	8.115 804	580	1.884 196	9.999 963	0	252
749	8.116 347	579	8.116 384	579	1.883 616	9.999 963	0	251
.750	8.116 926		8.116 963		1.883 037	9.999 963		**.250**
	cos	d	cotg	d	tang	sin	d	**89°**

P.P.

	620	618	616
1	62.0	61.8	61.6
2	124.0	123.6	123.2
3	186.0	185.4	184.8
4	248.0	247.2	246.4
5	310.0	309.0	308.0
6	372.0	370.8	369.6
7	434.0	432.6	431.2
8	496.0	494.4	492.8
9	558.0	556.2	554.4

	614	612	610
1	61.4	61.2	61.0
2	122.8	122.4	122.0
3	184.2	183.6	183.0
4	245.6	244.8	244.0
5	307.0	306.0	305.0
6	368.4	367.2	366.0
7	429.8	428.4	427.0
8	491.2	489.6	488.0
9	552.6	550.8	549.0

	608	606	603
1	60.8	60.6	60.3
2	121.6	121.2	120.6
3	182.4	181.8	180.9
4	243.2	242.4	241.2
5	304.0	303.0	301.5
6	364.8	363.6	361.8
7	425.6	424.2	422.1
8	486.4	484.8	482.4
9	547.2	545.4	542.7

	600	598	596
1	60.0	59.8	59.6
2	120.0	119.6	119.2
3	180.0	179.4	178.8
4	240.0	239.2	238.4
5	300.0	299.0	298.0
6	360.0	358.8	357.6
7	420.0	418.6	417.2
8	480.0	478.4	476.8
9	540.0	538.2	536.4

	594	592	590
1	59.4	59.2	59.0
2	118.8	118.4	118.0
3	178.2	177.6	177.0
4	237.6	236.8	236.0
5	297.0	296.0	295.0
6	356.4	355.2	354.0
7	415.8	414.4	413.0
8	475.2	473.6	472.0
9	534.6	532.8	531.0

	588	586	584
1	58.8	58.6	58.4
2	117.6	117.2	116.8
3	176.4	175.8	175.2
4	235.2	234.4	233.6
5	294.0	293.0	292.0
6	352.8	351.6	350.4
7	411.6	410.2	408.8
8	470.4	468.8	467.2
9	529.2	527.4	525.6

	582	580	579
1	58.2	58.0	57.9
2	116.4	116.0	115.8
3	174.6	174.0	173.7
4	232.8	232.0	231.6
5	291.0	290.0	289.5
6	349.2	348.0	347.4
7	407.4	406.0	405.3
8	465.6	464.0	463.2
9	523.8	522.0	521.1

89°.300 — 89°.250

0°.750 — 0°.800

0°	sin	d	tang	d	cotg	cos	d	
.750	8.116 926		8.116 963		1.883 037	9.999 963		.250
		579		579			0	
751	8.117 505		8.117 542		1.882 458	9.999 963		249
		578		578			0	
752	8.118 083		8.118 120		1.881 880	9.999 963		248
		577		577			1	
753	8.118 660		8.118 697		1.881 303	9.999 962		247
		576		577			0	
754	8.119 236		8.119 274		1.880 726	9.999 962		246
		576		575			0	
755	8.119 812		8.119 849		1.880 151	9.999 962		245
		575		575			0	
756	8.120 387		8.120 424		1.879 576	9.999 962		244
		574		575			0	
757	8.120 961		8.120 999		1.879 001	9.999 962		243
		573		573			0	
758	8.121 534		8.121 572		1.878 428	9.999 962		242
		572		573			0	
759	8.122 106		8.122 145		1.877 855	9.999 962		241
		572		571			0	
.760	8.122 678		8.122 716		1.877 284	9.999 962		.240
		571		572			0	
761	8.123 249		8.123 288		1.876 712	9.999 962		239
		571		570			0	
762	8.123 820		8.123 858		1.876 142	9.999 962		238
		569		570			1	
763	8.124 389		8.124 428		1.875 572	9.999 961		237
		569		568			0	
764	8.124 958		8.124 996		1.875 004	9.999 961		236
		568		569			0	
765	8.125 526		8.125 565		1.874 435	9.999 961		235
		567		567			0	
766	8.126 093		8.126 132		1.873 868	9.999 961		234
		567		567			0	
767	8.126 660		8.126 699		1.873 301	9.999 961		233
		566		566			0	
768	8.127 226		8.127 265		1.872 735	9.999 961		232
		565		565			0	
769	8.127 791		8.127 830		1.872 170	9.999 961		231
		564		564			0	
.770	8.128 355		8.128 394		1.871 606	9.999 961		.230
		564		564			0	
771	8.128 919		8.128 958		1.871 042	9.999 961		229
		563		563			0	
772	8.129 482		8.129 521		1.870 479	9.999 961		228
		562		562			1	
773	8.130 044		8.130 083		1.869 917	9.999 960		227
		561		562			0	
774	8.130 605		8.130 645		1.869 355	9.999 960		226
		561		561			0	
775	8.131 166		8.131 206		1.868 794	9.999 960		225
		560		560			0	
776	8.131 726		8.131 766		1.868 234	9.999 960		224
		559		559			0	
777	8.132 285		8.132 325		1.867 675	9.999 960		223
		559		559			0	
778	8.132 844		8.132 884		1.867 116	9.999 960		222
		557		558			0	
779	8.133 401		8.133 442		1.866 558	9.999 960		221
		558		557			0	
.780	8.133 959		8.133 999		1.866 001	9.999 960		.220
		556		556			0	
781	8.134 515		8.134 555		1.865 445	9.999 960		219
		556		556			0	
782	8.135 071		8.135 111		1.864 889	9.999 960		218
		555		555			1	
783	8.135 626		8.135 666		1.864 334	9.999 959		217
		554		555			0	
784	8.136 180		8.136 221		1.863 779	9.999 959		216
		553		553			0	
785	8.136 733		8.136 774		1.863 226	9.999 959		215
		553		553			0	
786	8.137 286		8.137 327		1.862 673	9.999 959		214
		552		552			0	
787	8.137 838		8.137 879		1.862 121	9.999 959		213
		552		552			0	
788	8.138 390		8.138 431		1.861 569	9.999 959		212
		551		551			0	
789	8.138 941		8.138 982		1.861 018	9.999 959		211
		550		550			0	
.790	8.139 491		8.139 532		1.860 468	9.999 959		.210
		549		549			0	
791	8.140 040		8.140 081		1.859 919	9.999 959		209
		549		549			0	
792	8.140 589		8.140 630		1.859 370	9.999 959		208
		548		548			1	
793	8.141 137		8.141 178		1.858 822	9.999 958		207
		547		548			0	
794	8.141 684		8.141 726		1.858 274	9.999 958		206
		547		546			0	
795	8.142 231		8.142 272		1.857 728	9.999 958		205
		545		546			0	
796	8.142 776		8.142 818		1.857 182	9.999 958		204
		546		546			0	
797	8.143 322		8.143 364		1.856 636	9.999 958		203
		544		544			0	
798	8.143 866		8.143 908		1.856 092	9.999 958		202
		544		544			0	
799	8.144 410		8.144 452		1.855 548	9.999 958		201
		543		544			0	
.800	8.144 953		8.144 996		1.855 004	9.999 958		.200
	cos	d	cotg	d	tang	sin	d	89°

P.P.

	579	578	576
1	57.9	57.8	57.6
2	115.8	115.6	115.2
3	173.7	173.4	172.8
4	231.6	231.2	230.4
5	289.5	289.0	288.0
6	347.4	346.8	345.6
7	405.3	404.6	403.2
8	463.2	462.4	460.8
9	521.1	520.2	518.4

	574	572	570
1	57.4	57.2	57.0
2	114.8	114.4	114.0
3	172.2	171.6	171.0
4	229.6	228.8	228.0
5	287.0	286.0	285.0
6	344.4	343.2	342.0
7	401.8	400.4	399.0
8	459.2	457.6	456.0
9	516.6	514.8	513.0

	568	566	564
1	56.8	56.6	56.4
2	113.6	113.2	112.8
3	170.4	169.8	169.2
4	227.2	226.4	225.6
5	284.0	283.0	282.0
6	340.8	339.6	338.4
7	397.6	396.2	394.8
8	454.4	452.8	451.2
9	511.2	509.4	507.6

	562	560	558
1	56.2	56.0	55.8
2	112.4	112.0	111.6
3	168.6	168.0	167.4
4	224.8	224.0	223.2
5	281.0	280.0	279.0
6	337.2	336.0	334.8
7	393.4	392.0	390.6
8	449.6	448.0	446.4
9	505.8	504.0	502.2

	556	554	552
1	55.6	55.4	55.2
2	111.2	110.8	110.4
3	166.8	166.2	165.6
4	222.4	221.6	220.8
5	278.0	277.0	276.0
6	333.6	332.4	331.2
7	389.2	387.8	386.4
8	444.8	443.2	441.6
9	500.4	498.6	496.8

	550	548	546
1	55.0	54.8	54.6
2	110.0	109.6	109.2
3	165.0	164.4	163.8
4	220.0	219.2	218.4
5	275.0	274.0	273.0
6	330.0	328.8	327.6
7	385.0	383.6	382.2
8	440.0	438.4	436.8
9	495.0	493.2	491.4

	545	544	543
1	54.5	54.4	54.3
2	109.0	108.8	108.6
3	163.5	163.2	162.9
4	218.0	217.6	217.2
5	272.5	272.0	271.5
6	327.0	326.4	325.8
7	381.5	380.8	380.1
8	436.0	435.2	434.4
9	490.5	489.6	488.7

89°.250 — 89°.200

0°.800 — 0°.850

0°	sin	d	tang	d	cotg	cos	d		P.P.
.800	8.144 953	543	8.144 996	542	1.855 004	9.999 958	0	**.200**	
801	8.145 496	542	8.145 538	542	1.854 462	9.999 958	1	199	
802	8.146 038	541	8.146 080	541	1.853 920	9.999 957	0	198	
803	8.146 579	540	8.146 621	541	1.853 379	9.999 957	0	197	
804	8.147 119	540	8.147 162	540	1.852 838	9.999 957	0	196	
805	8.147 659	539	8.147 702	539	1.852 298	9.999 957	0	195	
806	8.148 198	539	8.148 241	539	1.851 759	9.999 957	0	194	
807	8.148 737	537	8.148 780	538	1.851 220	9.999 957	0	193	
808	8.149 274	537	8.149 318	537	1.850 682	9.999 957	0	192	
809	8.149 811	537	8.149 855	536	1.850 145	9.999 957	0	191	
.810	8.150 348	536	8.150 391	536	1.849 609	9.999 957	1	**.190**	
811	8.150 884	535	8.150 927	535	1.849 073	9.999 956	0	189	
812	8.151 419	534	8.151 462	535	1.848 538	9.999 956	0	188	
813	8.151 953	534	8.151 997	534	1.848 003	9.999 956	0	187	
814	8.152 487	533	8.152 531	533	1.847 469	9.999 956	0	186	
815	8.153 020	533	8.153 064	533	1.846 936	9.999 956	0	185	
816	8.153 553	532	8.153 597	532	1.846 403	9.999 956	0	184	
817	8.154 085	531	8.154 129	531	1.845 871	9.999 956	0	183	
818	8.154 616	530	8.154 660	531	1.845 340	9.999 956	0	182	
819	8.155 146	530	8.155 191	530	1.844 809	9.999 956	0	181	
.820	8.155 676	530	8.155 721	529	1.844 279	9.999 956	1	**.180**	
821	8.156 206	528	8.156 250	529	1.843 750	9.999 955	0	179	
822	8.156 734	528	8.156 779	528	1.843 221	9.999 955	0	178	
823	8.157 262	528	8.157 307	528	1.842 693	9.999 955	0	177	
824	8.157 790	526	8.157 835	526	1.842 165	9.999 955	0	176	
825	8.158 316	526	8.158 361	527	1.841 639	9.999 955	0	175	
826	8.158 842	526	8.158 888	525	1.841 112	9.999 955	0	174	
827	8.159 368	525	8.159 413	525	1.840 587	9.999 955	0	173	
828	8.159 893	524	8.159 938	524	1.840 062	9.999 955	0	172	
829	8.160 417	523	8.160 462	524	1.839 538	9.999 955	1	171	
.830	8.160 940	523	8.160 986	523	1.839 014	9.999 954	0	**.170**	
831	8.161 463	522	8.161 509	522	1.838 491	9.999 954	0	169	
832	8.161 985	522	8.162 031	522	1.837 969	9.999 954	0	168	
833	8.162 507	521	8.162 553	521	1.837 447	9.999 954	0	167	
834	8.163 028	520	8.163 074	521	1.836 926	9.999 954	0	166	
835	8.163 548	520	8.163 595	519	1.836 405	9.999 954	0	165	
836	8.164 068	519	8.164 114	520	1.835 886	9.999 954	0	164	
837	8.164 587	519	8.164 634	518	1.835 366	9.999 954	0	163	
838	8.165 106	518	8.165 152	518	1.834 848	9.999 954	1	162	
839	8.165 624	517	8.165 670	518	1.834 330	9.999 953	0	161	
.840	8.166 141	517	8.166 188	517	1.833 812	9.999 953	0	**.160**	
841	8.166 658	516	8.166 705	516	1.833 295	9.999 953	0	159	
842	8.167 174	515	8.167 221	515	1.832 779	9.999 953	0	158	
843	8.167 689	515	8.167 736	515	1.832 264	9.999 953	0	157	
844	8.168 204	514	8.168 251	515	1.831 749	9.999 953	0	156	
845	8.168 718	514	8.168 766	513	1.831 234	9.999 953	0	155	
846	8.169 232	513	8.169 279	513	1.830 721	9.999 953	0	154	
847	8.169 745	512	8.169 792	513	1.830 208	9.999 953	1	153	
848	8.170 257	512	8.170 305	512	1.829 695	9.999 952	0	152	
849	8.170 769	511	8.170 817	511	1.829 183	9.999 952	0	151	
.850	8.171 280		8.171 328		1.828 672	9.999 952		**.150**	
	cos	d	cotg	d	tang	sin	d	**89°**	P.P.

	543	542	540
1	54.3	54.2	54.0
2	108.6	108.4	108.0
3	162.9	162.6	162.0
4	217.2	216.8	216.0
5	271.5	271.0	270.0
6	325.8	325.2	324.0
7	380.1	379.4	378.0
8	434.4	433.6	432.0
9	488.7	487.8	486.0

	538	536	534
1	53.8	53.6	53.4
2	107.6	107.2	106.8
3	161.4	160.8	160.2
4	215.2	214.4	213.6
5	269.0	268.0	267.0
6	322.8	321.6	320.4
7	376.6	375.2	373.8
8	430.4	428.8	427.2
9	484.2	482.4	480.6

	532	530	528
1	53.2	53.0	52.8
2	106.4	106.0	105.6
3	159.6	159.0	158.4
4	212.8	212.0	211.2
5	266.0	265.0	264.0
6	319.2	318.0	316.8
7	372.4	371.0	369.6
8	425.6	424.0	422.4
9	478.8	477.0	475.2

	526	524	522
1	52.6	52.4	52.2
2	105.2	104.8	104.4
3	157.8	157.2	156.6
4	210.4	209.6	208.8
5	263.0	262.0	261.0
6	315.6	314.4	313.2
7	368.2	366.8	365.4
8	420.8	419.2	417.6
9	473.4	471.6	469.8

	520	518	517
1	52.0	51.8	51.7
2	104.0	103.6	103.4
3	156.0	155.4	155.1
4	208.0	207.2	206.8
5	260.0	259.0	258.5
6	312.0	310.8	310.2
7	364.0	362.6	361.9
8	416.0	414.4	413.6
9	468.0	466.2	465.3

	516	515	514
1	51.6	51.5	51.4
2	103.2	103.0	102.8
3	154.8	154.5	154.2
4	206.4	206.0	205.6
5	258.0	257.5	257.0
6	309.6	309.0	308.4
7	361.2	360.5	359.8
8	412.8	412.0	411.2
9	464.4	463.5	462.6

	513	512	511
1	51.3	51.2	51.1
2	102.6	102.4	102.2
3	153.9	153.6	153.3
4	205.2	204.8	204.4
5	256.5	256.0	255.5
6	307.8	307.2	306.6
7	359.1	358.4	357.7
8	410.4	409.6	408.8
9	461.7	460.8	459.9

89°.200 — 89°.150

0°.850 — 0°.900

0°	sin	d	tang	d	cotg	cos	d	
.850	8.171 280	511	8.171 328	511	1.828 672	9.999 952	0	**.150**
851	8.171 791	510	8.171 839	510	1.828 161	9.999 952	0	149
852	8.172 301	509	8.172 349	509	1.827 651	9.999 952	0	148
853	8.172 810	509	8.172 858	509	1.827 142	9.999 952	0	147
854	8.173 319	508	8.173 367	509	1.826 633	9.999 952	0	146
855	8.173 827	508	8.173 876	507	1.826 124	9.999 952	0	145
856	8.174 335	507	8.174 383	508	1.825 617	9.999 952	1	144
857	8.174 842	506	8.174 891	506	1.825 109	9.999 951	0	143
858	8.175 348	506	8.175 397	506	1.824 603	9.999 951	0	142
859	8.175 854	506	8.175 903	505	1.824 097	9.999 951	0	141
.860	8.176 360	504	8.176 408	505	1.823 592	9.999 951	0	**.140**
861	8.176 864	504	8.176 913	504	1.823 087	9.999 951	0	139
862	8.177 368	504	8.177 417	504	1.822 583	9.999 951	0	138
863	8.177 872	503	8.177 921	503	1.822 079	9.999 951	0	137
864	8.178 375	502	8.178 424	502	1.821 576	9.999 951	0	136
865	8.178 877	502	8.178 926	502	1.821 074	9.999 951	1	135
866	8.179 379	501	8.179 428	502	1.820 572	9.999 950	0	134
867	8.179 880	500	8.179 930	500	1.820 070	9.999 950	0	133
868	8.180 380	500	8.180 430	500	1.819 570	9.999 950	0	132
869	8.180 880	500	8.180 930	500	1.819 070	9.999 950	0	131
.870	8.181 380	499	8.181 430	499	1.818 570	9.999 950	0	**.130**
871	8.181 879	498	8.181 929	498	1.818 071	9.999 950	0	129
872	8.182 377	498	8.182 427	498	1.817 573	9.999 950	0	128
873	8.182 875	497	8.182 925	497	1.817 075	9.999 950	1	127
874	8.183 372	497	8.183 422	497	1.816 578	9.999 949	0	126
875	8.183 869	496	8.183 919	496	1.816 081	9.999 949	0	125
876	8.184 365	495	8.184 415	496	1.815 585	9.999 949	0	124
877	8.184 860	495	8.184 911	495	1.815 089	9.999 949	0	123
878	8.185 355	494	8.185 406	494	1.814 594	9.999 949	0	122
879	8.185 849	494	8.185 900	494	1.814 100	9.999 949	0	121
.880	8.186 343	493	8.186 394	494	1.813 606	9.999 949	0	**.120**
881	8.186 836	493	8.186 888	492	1.813 112	9.999 949	0	119
882	8.187 329	492	8.187 380	492	1.812 620	9.999 949	1	118
883	8.187 821	491	8.187 872	492	1.812 128	9.999 948	0	117
884	8.188 312	491	8.188 364	491	1.811 636	9.999 948	0	116
885	8.188 803	491	8.188 855	491	1.811 145	9.999 948	0	115
886	8.189 294	490	8.189 346	490	1.810 654	9.999 948	0	114
887	8.189 784	489	8.189 836	489	1.810 164	9.999 948	0	113
888	8.190 273	489	8.190 325	489	1.809 675	9.999 948	0	112
889	8.190 762	488	8.190 814	488	1.809 186	9.999 948	0	111
.890	8.191 250	488	8.191 302	488	1.808 698	9.999 948	1	**.110**
891	8.191 738	487	8.191 790	487	1.808 210	9.999 947	0	109
892	8.192 225	486	8.192 277	487	1.807 723	9.999 947	0	108
893	8.192 711	486	8.192 764	486	1.807 236	9.999 947	0	107
894	8.193 197	486	8.193 250	486	1.806 750	9.999 947	0	106
895	8.193 683	485	8.193 736	485	1.806 264	9.999 947	0	105
896	8.194 168	484	8.194 221	484	1.805 779	9.999 947	0	104
897	8.194 652	484	8.194 705	484	1.805 295	9.999 947	0	103
898	8.195 136	483	8.195 189	484	1.804 811	9.999 947	0	102
899	8.195 619	483	8.195 673	483	1.804 327	9.999 947	1	101
.900	8.196 102		8.196 156		1.803 844	9.999 946		**.100**
	cos	d	cotg	d	tang	sin	d	**89°**

P.P.

	511	510	508
1	51.1	51.0	50.8
2	102.2	102.0	101.6
3	153.3	153.0	152.4
4	204.4	204.0	203.2
5	255.5	255.0	254.0
6	306.6	306.0	304.8
7	357.7	357.0	355.6
8	408.8	408.0	406.4
9	459.9	459.0	457.2

	506	504	502
1	50.6	50.4	50.2
2	101.2	100.8	100.4
3	151.8	151.2	150.6
4	202.4	201.6	200.8
5	253.0	252.0	251.0
6	303.6	302.4	301.2
7	354.2	352.8	351.4
8	404.8	403.2	401.6
9	455.4	453.6	451.8

	500	498	496
1	50.0	49.8	49.6
2	100.0	99.6	99.2
3	150.0	149.4	148.8
4	200.0	199.2	198.4
5	250.0	249.0	248.0
6	300.0	298.8	297.6
7	350.0	348.6	347.2
8	400.0	398.4	396.8
9	450.0	448.2	446.4

	494	493	492
1	49.4	49.3	49.2
2	98.8	98.6	98.4
3	148.2	147.9	147.6
4	197.6	197.2	196.8
5	247.0	246.5	246.0
6	296.4	295.8	295.2
7	345.8	345.1	344.4
8	395.2	394.4	393.6
9	444.6	443.7	442.8

	491	490	489
1	49.1	49.0	48.9
2	98.2	98.0	97.8
3	147.3	147.0	146.7
4	196.4	196.0	195.6
5	245.5	245.0	244.5
6	294.6	294.0	293.4
7	343.7	343.0	342.3
8	392.8	392.0	391.2
9	441.9	441.0	440.1

	488	487	486
1	48.8	48.7	48.6
2	97.6	97.4	97.2
3	146.4	146.1	145.8
4	195.2	194.8	194.4
5	244.0	243.5	243.0
6	292.8	292.2	291.6
7	341.6	340.9	340.2
8	390.4	389.6	388.8
9	439.2	438.3	437.4

	485	484	483
1	48.5	48.4	48.3
2	97.0	96.8	96.6
3	145.5	145.2	144.9
4	194.0	193.6	193.2
5	242.5	242.0	241.5
6	291.0	290.4	289.8
7	339.5	338.8	338.1
8	388.0	387.2	386.4
9	436.5	435.6	434.7

89°.150 — 89°.100

0°.900 — 0°.950

0°	sin	d	tang	d	cotg	cos	d	
.900	8.196 102	482	8.196 156	482	1.803 844	9.999 946	0	**.100**
901	8.196 584	482	8.196 638	482	1.803 362	9.999 946	0	099
902	8.197 066	481	8.197 120	481	1.802 880	9.999 946	0	098
903	8.197 547	481	8.197 601	481	1.802 399	9.999 946	0	097
904	8.198 028	480	8.198 082	480	1.801 918	9.999 946	0	096
905	8.198 508	479	8.198 562	480	1.801 438	9.999 946	0	095
906	8.198 987	480	8.199 042	479	1.800 958	9.999 946	0	094
907	8.199 467	478	8.199 521	479	1.800 479	9.999 946	1	093
908	8.199 945	478	8.200 000	478	1.800 000	9.999 945	0	092
909	8.200 423	478	8.200 478	477	1.799 522	9.999 945	0	091
.910	8.200 901	476	8.200 955	477	1.799 045	9.999 945	0	**.090**
911	8.201 377	477	8.201 432	477	1.798 568	9.999 945	0	089
912	8.201 854	476	8.201 909	476	1.798 091	9.999 945	0	088
913	8.202 330	475	8.202 385	475	1.797 615	9.999 945	0	087
914	8.202 805	475	8.202 860	475	1.797 140	9.999 945	0	086
915	8.203 280	474	8.203 335	475	1.796 665	9.999 945	1	085
916	8.203 754	474	8.203 810	474	1.796 190	9.999 944	0	084
917	8.204 228	473	8.204 284	473	1.795 716	9.999 944	0	083
918	8.204 701	473	8.204 757	473	1.795 243	9.999 944	0	082
919	8.205 174	473	8.205 230	473	1.794 770	9.999 944	0	081
.920	8.205 647	471	8.205 703	471	1.794 297	9.999 944	0	**.080**
921	8.206 118	472	8.206 174	472	1.793 826	9.999 944	0	079
922	8.206 590	470	8.206 646	471	1.793 354	9.999 944	0	078
923	8.207 060	471	8.207 117	470	1.792 883	9.999 944	0	077
924	8.207 531	469	8.207 587	470	1.792 413	9.999 944	1	076
925	8.208 000	469	8.208 057	469	1.791 943	9.999 943	0	075
926	8.208 469	469	8.208 526	469	1.791 474	9.999 943	0	074
927	8.208 938	468	8.208 995	468	1.791 005	9.999 943	0	073
928	8.209 406	468	8.209 463	468	1.790 537	9.999 943	0	072
929	8.209 874	467	8.209 931	467	1.790 069	9.999 943	0	071
.930	8.210 341	467	8.210 398	467	1.789 602	9.999 943	0	**.070**
931	8.210 808	466	8.210 865	467	1.789 135	9.999 943	0	069
932	8.211 274	466	8.211 332	465	1.788 668	9.999 943	1	068
933	8.211 740	465	8.211 797	466	1.788 203	9.999 942	0	067
934	8.212 205	465	8.212 263	465	1.787 737	9.999 942	0	066
935	8.212 670	464	8.212 728	464	1.787 272	9.999 942	0	065
936	8.213 134	464	8.213 192	464	1.786 808	9.999 942	0	064
937	8.213 598	463	8.213 656	463	1.786 344	9.999 942	0	063
938	8.214 061	463	8.214 119	463	1.785 881	9.999 942	0	062
939	8.214 524	462	8.214 582	462	1.785 418	9.999 942	0	061
.940	8.214 986	461	8.215 044	462	1.784 956	9.999 942	1	**.060**
941	8.215 447	462	8.215 506	461	1.784 494	9.999 941	0	059
942	8.215 909	460	8.215 967	461	1.784 033	9.999 941	0	058
943	8.216 369	461	8.216 428	461	1.783 572	9.999 941	0	057
944	8.216 830	459	8.216 889	460	1.783 111	9.999 941	0	056
945	8.217 289	460	8.217 349	459	1.782 651	9.999 941	0	055
946	8.217 749	459	8.217 808	459	1.782 192	9.999 941	0	054
947	8.218 208	458	8.218 267	458	1.781 733	9.999 941	0	053
948	8.218 666	458	8.218 725	458	1.781 275	9.999 941	1	052
949	8.219 124	457	8.219 183	458	1.780 817	9.999 940	0	051
.950	8.219 581		8.219 641		1.780 359	9.999 940		**.050**
	cos	d	cotg	d	tang	sin	d	**89°**

P.P.

	482	480	478
1	48.2	48.0	47.8
2	96.4	96.0	95.6
3	144.6	144.0	143.4
4	192.8	192.0	191.2
5	241.0	240.0	239.0
6	289.2	288.0	286.8
7	337.4	336.0	334.6
8	385.6	384.0	382.4
9	433.8	432.0	430.2

	476	474	472
1	47.6	47.4	47.2
2	95.2	94.8	94.4
3	142.8	142.2	141.6
4	190.4	189.6	188.8
5	238.0	237.0	236.0
6	285.6	284.4	283.2
7	333.2	331.8	330.4
8	380.8	379.2	377.6
9	428.4	426.6	424.8

	471	470	469
1	47.1	47.0	46.9
2	94.2	94.0	93.8
3	141.3	141.0	140.7
4	188.4	188.0	187.6
5	235.5	235.0	234.5
6	282.6	282.0	281.4
7	329.7	329.0	328.3
8	376.8	376.0	375.2
9	423.9	423.0	422.1

	468	467	466
1	46.8	46.7	46.6
2	93.6	93.4	93.2
3	140.4	140.1	139.8
4	187.2	186.8	186.4
5	234.0	233.5	233.0
6	280.8	280.2	279.6
7	327.6	326.9	326.2
8	374.4	373.6	372.8
9	421.2	420.3	419.4

	465	464	463
1	46.5	46.4	46.3
2	93.0	92.8	92.6
3	139.5	139.2	138.9
4	186.0	185.6	185.2
5	232.5	232.0	231.5
6	279.0	278.4	277.8
7	325.5	324.8	324.1
8	372.0	371.2	370.4
9	418.5	417.6	416.7

	462	461	460
1	46.2	46.1	46.0
2	92.4	92.2	92.0
3	138.6	138.3	138.0
4	184.8	184.4	184.0
5	231.0	230.5	230.0
6	277.2	276.6	276.0
7	323.4	322.7	322.0
8	369.6	368.8	368.0
9	415.8	414.9	414.0

	459	458	457
1	45.9	45.8	45.7
2	91.8	91.6	91.4
3	137.7	137.4	137.1
4	183.6	183.2	182.8
5	229.5	229.0	228.5
6	275.4	274.8	274.2
7	321.3	320.6	319.9
8	367.2	366.4	365.6
9	413.1	412.2	411.3

89°.100 — 89°.050

0°.950 — 1°.000

0°	sin	d	tang	d	cotg	cos	d		P.P.
.950	8.219 581		8.219 641		1.780 359	9.999 940		.050	
		457		457			0		
951	8.220 038		8.220 098		1.779 902	9.999 940		049	
		456		456			0		
952	8.220 494		8.220 554		1.779 446	9.999 940		048	
		456		456			0		
953	8.220 950		8.221 010		1.778 990	9.999 940		047	
		456		456			0		
954	8.221 406		8.221 466		1.778 534	9.999 940		046	
		455		455			0		
955	8.221 861		8.221 921		1.778 079	9.999 940		045	
		454		455			0		
956	8.222 315		8.222 376		1.777 624	9.999 940		044	
		454		454			1		
957	8.222 769		8.222 830		1.777 170	9.999 939		043	
		454		453			0		
958	8.223 223		8.223 283		1.776 717	9.999 939		042	
		453		454			0		
959	8.223 676		8.223 737		1.776 263	9.999 939		041	
		452		452			0		
.960	8.224 128		8.224 189		1.775 811	9.999 939		.040	
		452		452			0		
961	8.224 580		8.224 641		1.775 359	9.999 939		039	
		452		452			0		
962	8.225 032		8.225 093		1.774 907	9.999 939		038	
		451		452			0		
963	8.225 483		8.225 545		1.774 455	9.999 939		037	
		451		450			0		
964	8.225 934		8.225 995		1.774 005	9.999 939		036	
		450		451			1		
965	8.226 384		8.226 446		1.773 554	9.999 938		035	
		450		450			0		
966	8.226 834		8.226 896		1.773 104	9.999 938		034	
		449		449			0		
967	8.227 283		8.227 345		1.772 655	9.999 938		033	
		449		449			0		
968	8.227 732		8.227 794		1.772 206	9.999 938		032	
		448		449			0		
969	8.228 180		8.228 243		1.771 757	9.999 938		031	
		448		448			0		
.970	8.228 628		8.228 691		1.771 309	9.999 938		.030	
		448		447			0		
971	8.229 076		8.229 138		1.770 862	9.999 938		029	
		447		447			0		
972	8.229 523		8.229 585		1.770 415	9.999 938		028	
		446		447			1		
973	8.229 969		8.230 032		1.769 968	9.999 937		027	
		446		446			0		
974	8.230 415		8.230 478		1.769 522	9.999 937		026	
		446		446			0		
975	8.230 861		8.230 924		1.769 076	9.999 937		025	
		445		445			0		
976	8.231 306		8.231 369		1.768 631	9.999 937		024	
		445		445			0		
977	8.231 751		8.231 814		1.768 186	9.999 937		023	
		444		444			0		
978	8.232 195		8.232 258		1.767 742	9.999 937		022	
		444		444			0		
979	8.232 639		8.232 702		1.767 298	9.999 937		021	
		443		444			1		
.980	8.233 082		8.233 146		1.766 854	9.999 936		.020	
		443		443			0		
981	8.233 525		8.233 589		1.766 411	9.999 936		019	
		443		442			0		
982	8.233 968		8.234 031		1.765 969	9.999 936		018	
		442		442			0		
983	8.234 410		8.234 473		1.765 527	9.999 936		017	
		441		442			0		
984	8.234 851		8.234 915		1.765 085	9.999 936		016	
		441		441			0		
985	8.235 292		8.235 356		1.764 644	9.999 936		015	
		441		441			0		
986	8.235 733		8.235 797		1.764 203	9.999 936		014	
		440		440			0		
987	8.236 173		8.236 237		1.763 763	9.999 936		013	
		440		440			1		
988	8.236 613		8.236 677		1.763 323	9.999 935		012	
		439		440			0		
989	8.237 052		8.237 117		1.762 883	9.999 935		011	
		439		439			0		
.990	8.237 491		8.237 556		1.762 444	9.999 935		.010	
		438		438			0		
991	8.237 929		8.237 994		1.762 006	9.999 935		009	
		438		438			0		
992	8.238 367		8.238 432		1.761 568	9.999 935		008	
		438		438			0		
993	8.238 805		8.238 870		1.761 130	9.999 935		007	
		437		437			0		
994	8.239 242		8.239 307		1.760 693	9.999 935		006	
		437		437			0		
995	8.239 679		8.239 744		1.760 256	9.999 935		005	
		436		436			1		
996	8.240 115		8.240 180		1.759 820	9.999 934		004	
		436		436			0		
997	8.240 551		8.240 616		1.759 384	9.999 934		003	
		435		436			0		
998	8.240 986		8.241 052		1.758 948	9.999 934		002	
		435		435			0		
999	8.241 421		8.241 487		1.758 513	9.999 934		001	
		434		434			0		
*000	8.241 855		8.241 921		1.758 079	9.999 934		.000	
	cos	d	cotg	d	tang	sin	d	89°	P.P.

	457	456	455
1	45.7	45.6	45.5
2	91.4	91.2	91.0
3	137.1	136.8	136.5
4	182.8	182.4	182.0
5	228.5	228.0	227.5
6	274.2	273.6	273.0
7	319.9	319.2	318.5
8	365.6	364.8	364.0
9	411.3	410.4	409.5

	454	453	452
1	45.4	45.3	45.2
2	90.8	90.6	90.4
3	136.2	135.9	135.6
4	181.6	181.2	180.8
5	227.0	226.5	226.0
6	272.4	271.8	271.2
7	317.8	317.1	316.4
8	363.2	362.4	361.6
9	408.6	407.7	406.8

	450	448	447
1	45.0	44.8	44.7
2	90.0	89.6	89.4
3	135.0	134.4	134.1
4	180.0	179.2	178.8
5	225.0	224.0	223.5
6	270.0	268.8	268.2
7	315.0	313.6	312.9
8	360.0	358.4	357.6
9	405.0	403.2	402.3

	446	445	444
1	44.6	44.5	44.4
2	89.2	89.0	88.8
3	133.8	133.5	133.2
4	178.4	178.0	177.6
5	223.0	222.5	222.0
6	267.6	267.0	266.4
7	312.2	311.5	310.8
8	356.8	356.0	355.2
9	401.4	400.5	399.6

	443	442	440
1	44.3	44.2	44.0
2	88.6	88.4	88.0
3	132.9	132.6	132.0
4	177.2	176.8	176.0
5	221.5	221.0	220.0
6	265.8	265.2	264.0
7	310.1	309.4	308.0
8	354.4	353.6	352.0
9	398.7	397.8	396.0

	439	438	437
1	43.9	43.8	43.7
2	87.8	87.6	87.4
3	131.7	131.4	131.1
4	175.6	175.2	174.8
5	219.5	219.0	218.5
6	263.4	262.8	262.2
7	307.3	306.6	305.9
8	351.2	350.4	349.6
9	395.1	394.2	393.3

	436	435	434
1	43.6	43.5	43.4
2	87.2	87.0	86.8
3	130.8	130.5	130.2
4	174.4	174.0	173.6
5	218.0	217.5	217.0
6	261.6	261.0	260.4
7	305.2	304.5	303.8
8	348.8	348.0	347.2
9	392.4	391.5	390.6

89°.050 — 89°.000

1°.000 — 1°.050

1°	sin	d	tang	d	cotg	cos	d		P.P.
.000	8.241 855	434	8.241 921	435	1.758 079	9.999 934	0	*000	
001	8.242 289	434	8.242 356	433	1.757 644	9.999 934	0	999	
002	8.242 723	433	8.242 789	434	1.757 211	9.999 934	1	998	
003	8.243 156	433	8.243 223	433	1.756 777	9.999 933	0	997	
004	8.243 589	432	8.243 656	432	1.756 344	9.999 933	0	996	
005	8.244 021	432	8.244 088	432	1.755 912	9.999 933	0	995	
006	8.244 453	431	8.244 520	432	1.755 480	9.999 933	0	994	
007	8.244 884	431	8.244 952	431	1.755 048	9.999 933	0	993	
008	8.245 315	431	8.245 383	430	1.754 617	9.999 933	0	992	
009	8.245 746	430	8.245 813	431	1.754 187	9.999 933	0	991	
.010	8.246 176	430	8.246 244	430	1.753 756	9.999 933	1	.990	
011	8.246 606	429	8.246 674	429	1.753 326	9.999 932	0	989	
012	8.247 035	429	8.247 103	429	1.752 897	9.999 932	0	988	
013	8.247 464	429	8.247 532	429	1.752 468	9.999 932	0	987	
014	8.247 893	428	8.247 961	428	1.752 039	9.999 932	0	986	
015	8.248 321	427	8.248 389	428	1.751 611	9.999 932	0	985	
016	8.248 748	428	8.248 817	427	1.751 183	9.999 932	0	984	
017	8.249 176	426	8.249 244	427	1.750 756	9.999 932	1	983	
018	8.249 602	427	8.249 671	426	1.750 329	9.999 931	0	982	
019	8.250 029	426	8.250 097	426	1.749 903	9.999 931	0	981	
.020	8.250 455	425	8.250 523	426	1.749 477	9.999 931	0	.980	
021	8.250 880	425	8.250 949	425	1.749 051	9.999 931	0	979	
022	8.251 305	425	8.251 374	425	1.748 626	9.999 931	0	978	
023	8.251 730	424	8.251 799	425	1.748 201	9.999 931	0	977	
024	8.252 154	424	8.252 224	424	1.747 776	9.999 931	0	976	
025	8.252 578	424	8.252 648	423	1.747 352	9.999 931	1	975	
026	8.253 002	423	8.253 071	423	1.746 929	9.999 930	0	974	
027	8.253 425	422	8.253 494	423	1.746 506	9.999 930	0	973	
028	8.253 847	422	8.253 917	422	1.746 083	9.999 930	0	972	
029	8.254 269	422	8.254 339	422	1.745 661	9.999 930	0	971	
.030	8.254 691	422	8.254 761	422	1.745 239	9.999 930	0	.970	
031	8.255 113	421	8.255 183	421	1.744 817	9.999 930	0	969	
032	8.255 534	420	8.255 604	421	1.744 396	9.999 930	1	968	
033	8.255 954	420	8.256 025	420	1.743 975	9.999 929	0	967	
034	8.256 374	420	8.256 445	420	1.743 555	9.999 929	0	966	
035	8.256 794	419	8.256 865	419	1.743 135	9.999 929	0	965	
036	8.257 213	419	8.257 284	420	1.742 716	9.999 929	0	964	
037	8.257 632	419	8.257 704	418	1.742 296	9.999 929	0	963	
038	8.258 051	418	8.258 122	419	1.741 878	9.999 929	0	962	
039	8.258 469	418	8.258 541	417	1.741 459	9.999 929	1	961	
.040	8.258 887	417	8.258 958	418	1.741 042	9.999 928	0	.960	
041	8.259 304	417	8.259 376	417	1.740 624	9.999 928	0	959	
042	8.259 721	417	8.259 793	417	1.740 207	9.999 928	0	958	
043	8.260 138	416	8.260 210	416	1.739 790	9.999 928	0	957	
044	8.260 554	416	8.260 626	416	1.739 374	9.999 928	0	956	
045	8.260 970	415	8.261 042	415	1.738 958	9.999 928	0	955	
046	8.261 385	415	8.261 457	415	1.738 543	9.999 928	1	954	
047	8.261 800	414	8.261 872	415	1.738 128	9.999 927	0	953	
048	8.262 214	415	8.262 287	414	1.737 713	9.999 927	0	952	
049	8.262 629	413	8.262 701	414	1.737 299	9.999 927	0	951	
.050	8.263 042		8.263 115		1.736 885	9.999 927		.950	
	cos	d	cotg	d	tang	sin	d	88°	P.P.

	435	434	433
1	43.5	43.4	43.3
2	87.0	86.8	86.6
3	130.5	130.2	129.9
4	174.0	173.6	173.2
5	217.5	217.0	216.5
6	261.0	260.4	259.8
7	304.5	303.8	303.1
8	348.0	347.2	346.4
9	391.5	390.6	389.7

	432	430	429
1	43.2	43.0	42.9
2	86.4	86.0	85.8
3	129.6	129.0	128.7
4	172.8	172.0	171.6
5	216.0	215.0	214.5
6	259.2	258.0	257.4
7	302.4	301.0	300.3
8	345.6	344.0	343.2
9	388.8	387.0	386.1

	428	427	426
1	42.8	42.7	42.6
2	85.6	85.4	85.2
3	128.4	128.1	127.8
4	171.2	170.8	170.4
5	214.0	213.5	213.0
6	256.8	256.2	255.6
7	299.6	298.9	298.2
8	342.4	341.6	340.8
9	385.2	384.3	383.4

	425	424	423
1	42.5	42.4	42.3
2	85.0	84.8	84.6
3	127.5	127.2	126.9
4	170.0	169.6	169.2
5	212.5	212.0	211.5
6	255.0	254.4	253.8
7	297.5	296.8	296.1
8	340.0	339.2	338.4
9	382.5	381.6	380.7

	422	420	419
1	42.2	42.0	41.9
2	84.4	84.0	83.8
3	126.6	126.0	125.7
4	168.8	168.0	167.6
5	211.0	210.0	209.5
6	253.2	252.0	251.4
7	295.4	294.0	293.3
8	337.6	336.0	335.2
9	379.8	378.0	377.1

	418	417	416
1	41.8	41.7	41.6
2	83.6	83.4	83.2
3	125.4	125.1	124.8
4	167.2	166.8	166.4
5	209.0	208.5	208.0
6	250.8	250.2	249.6
7	292.6	291.9	291.2
8	334.4	333.6	332.8
9	376.2	375.3	374.4

	415	414	413
1	41.5	41.4	41.3
2	83.0	82.8	82.6
3	124.5	124.2	123.9
4	166.0	165.6	165.2
5	207.5	207.0	206.5
6	249.0	248.4	247.8
7	290.5	289.8	289.1
8	332.0	331.2	330.4
9	373.5	372.6	371.7

89°.000 — 88°.950

1°.050 — 1°.100

1°	sin	d	tang	d	cotg	cos	d		P.P.
.050	8.263 042		8.263 115		1.736 885	9.999 927		**.950**	
		414		414			0		
051	8.263 456		8.263 529		1.736 471	9.999 927		949	
		413		413			0		
052	8.263 869		8.263 942		1.736 058	9.999 927		948	
		412		413			0		
053	8.264 281		8.264 355		1.735 645	9.999 927		947	
		412		412			0		
054	8.264 693		8.264 767		1.735 233	9.999 927		946	
		412		412			1		
055	8.265 105		8.265 179		1.734 821	9.999 926		945	
		412		411			0		
056	8.265 517		8.265 590		1.734 410	9.999 926		944	
		411		412			0		
057	8.265 928		8.266 002		1.733 998	9.999 926		943	
		410		410			0		
058	8.266 338		8.266 412		1.733 588	9.999 926		942	
		411		411			0		
059	8.266 749		8.266 823		1.733 177	9.999 926		941	
		409		410			0		
.060	8.267 158		8.267 233		1.732 767	9.999 926		**.940**	
		410		409			0		
061	8.267 568		8.267 642		1.732 358	9.999 926		939	
		409		410			1		
062	8.267 977		8.268 052		1.731 948	9.999 925		938	
		409		408			0		
063	8.268 386		8.268 460		1.731 540	9.999 925		937	
		408		409			0		
064	8.268 794		8.268 869		1.731 131	9.999 925		936	
		408		408			0		
065	8.269 202		8.269 277		1.730 723	9.999 925		935	
		408		408			0		
066	8.269 610		8.269 685		1.730 315	9.999 925		934	
		407		407			0		
067	8.270 017		8.270 092		1.729 908	9.999 925		933	
		406		407			0		
068	8.270 423		8.270 499		1.729 501	9.999 925		932	
		407		406			1		
069	8.270 830		8.270 905		1.729 095	9.999 924		931	
		406		407			0		
.070	8.271 236		8.271 312		1.728 688	9.999 924		**.930**	
		406		405			0		
071	8.271 642		8.271 717		1.728 283	9.999 924		929	
		405		406			0		
072	8.272 047		8.272 123		1.727 877	9.999 924		928	
		405		405			0		
073	8.272 452		8.272 528		1.727 472	9.999 924		927	
		404		405			0		
074	8.272 856		8.272 933		1.727 067	9.999 924		926	
		404		404			0		
075	8.273 260		8.273 337		1.726 663	9.999 924		925	
		404		404			1		
076	8.273 664		8.273 741		1.726 259	9.999 923		924	
		403		403			0		
077	8.274 067		8.274 144		1.725 856	9.999 923		923	
		404		403			0		
078	8.274 471		8.274 547		1.725 453	9.999 923		922	
		402		403			0		
079	8.274 873		8.274 950		1.725 050	9.999 923		921	
		402		403			0		
.080	8.275 275		8.275 353		1.724 647	9.999 923		**.920**	
		402		402			0		
081	8.275 677		8.275 755		1.724 245	9.999 923		919	
		402		401			0		
082	8.276 079		8.276 156		1.723 844	9.999 923		918	
		401		402			1		
083	8.276 480		8.276 558		1.723 442	9.999 922		917	
		401		400			0		
084	8.276 881		8.276 958		1.723 042	9.999 922		916	
		400		401			0		
085	8.277 281		8.277 359		1.722 641	9.999 922		915	
		400		400			0		
086	8.277 681		8.277 759		1.722 241	9.999 922		914	
		400		400			0		
087	8.278 081		8.278 159		1.721 841	9.999 922		913	
		399		399			0		
088	8.278 480		8.278 558		1.721 442	9.999 922		912	
		399		400			0		
089	8.278 879		8.278 958		1.721 042	9.999 922		911	
		399		398			1		
.090	8.279 278		8.279 356		1.720 644	9.999 921		**.910**	
		398		399			0		
091	8.279 676		8.279 755		1.720 245	9.999 921		909	
		398		398			0		
092	8.280 074		8.280 153		1.719 847	9.999 921		908	
		397		397			0		
093	8.280 471		8.280 550		1.719 450	9.999 921		907	
		397		397			0		
094	8.280 868		8.280 947		1.719 053	9.999 921		906	
		397		397			0		
095	8.281 265		8.281 344		1.718 656	9.999 921		905	
		396		397			0		
096	8.281 661		8.281 741		1.718 259	9.999 921		904	
		396		396			1		
097	8.282 057		8.282 137		1.717 863	9.999 920		903	
		396		396			0		
098	8.282 453		8.282 533		1.717 467	9.999 920		902	
		395		395			0		
099	8.282 848		8.282 928		1.717 072	9.999 920		901	
		395		395			0		
.100	8.283 243		8.283 323		1.716 677	9.999 920		**.900**	
	cos	d	cotg	d	tang	sin	d	**88°**	P.P.

	414	413	412
1	41.4	41.3	41.2
2	82.8	82.6	82.4
3	124.2	123.9	123.6
4	165.6	165.2	164.8
5	207.0	206.5	206.0
6	248.4	247.8	247.2
7	289.8	289.1	288.4
8	331.2	330.4	329.6
9	372.6	371.7	370.8

	411	410	409
1	41.1	41.0	40.9
2	82.2	82.0	81.8
3	123.3	123.0	122.7
4	164.4	164.0	163.6
5	205.5	205.0	204.5
6	246.6	246.0	245.4
7	287.7	287.0	286.3
8	328.8	328.0	327.2
9	369.9	369.0	368.1

	408	407	406
1	40.8	40.7	40.6
2	81.6	81.4	81.2
3	122.4	122.1	121.8
4	163.2	162.8	162.4
5	204.0	203.5	203.0
6	244.8	244.2	243.6
7	285.6	284.9	284.2
8	326.4	325.6	324.8
9	367.2	366.3	365.4

	405	404
1	40.5	40.4
2	81.0	80.8
3	121.5	121.2
4	162.0	161.6
5	202.5	202.0
6	243.0	242.4
7	283.5	282.8
8	324.0	323.2
9	364.5	363.6

	403	402	401
1	40.3	40.2	40.1
2	80.6	80.4	80.2
3	120.9	120.6	120.3
4	161.2	160.8	160.4
5	201.5	201.0	200.5
6	241.8	241.2	240.6
7	282.1	281.4	280.7
8	322.4	321.6	320.8
9	362.7	361.8	360.9

	400	399	398
1	40.0	39.9	39.8
2	80.0	79.8	79.6
3	120.0	119.7	119.4
4	160.0	159.6	159.2
5	200.0	199.5	199.0
6	240.0	239.4	238.8
7	280.0	279.3	278.6
8	320.0	319.2	318.4
9	360.0	359.1	358.2

	397	396	395
1	39.7	39.6	39.5
2	79.4	79.2	79.0
3	119.1	118.8	118.5
4	158.8	158.4	158.0
5	198.5	198.0	197.5
6	238.2	237.6	237.0
7	277.9	277.2	276.5
8	317.6	316.8	316.0
9	357.3	356.4	355.5

88°.950 — 88°.900

1°.100 — 1°.150

1°	sin	d	tang	d	cotg	cos	d	
.100	8.283 243	395	8.283 323	395	1.716 677	9.999 920	0	.900
101	8.283 638	394	8.283 718	395	1.716 282	9.999 920	0	899
102	8.284 032	394	8.284 113	394	1.715 887	9.999 920	0	898
103	8.284 426	394	8.284 507	393	1.715 493	9.999 920	1	897
104	8.284 820	393	8.284 900	393	1.715 100	9.999 919	0	896
105	8.285 213	393	8.285 293	393	1.714 707	9.999 919	0	895
106	8.285 606	392	8.285 686	393	1.714 314	9.999 919	0	894
107	8.285 998	392	8.286 079	392	1.713 921	9.999 919	0	893
108	8.286 390	392	8.286 471	392	1.713 529	9.999 919	0	892
109	8.286 782	391	8.286 863	392	1.713 137	9.999 919	1	891
.110	8.287 173	391	8.287 255	391	1.712 745	9.999 918	0	.890
111	8.287 564	391	8.287 646	391	1.712 354	9.999 918	0	889
112	8.287 955	390	8.288 037	390	1.711 963	9.999 918	0	888
113	8.288 345	390	8.288 427	390	1.711 573	9.999 918	0	887
114	8.288 735	390	8.288 817	390	1.711 183	9.999 918	0	886
115	8.289 125	389	8.289 207	389	1.710 793	9.999 918	0	885
116	8.289 514	389	8.289 596	390	1.710 404	9.999 918	1	884
117	8.289 903	389	8.289 986	388	1.710 014	9.999 917	0	883
118	8.290 292	388	8.290 374	389	1.709 626	9.999 917	0	882
119	8.290 680	388	8.290 763	388	1.709 237	9.999 917	0	881
.120	8.291 068	387	8.291 151	387	1.708 849	9.999 917	0	.880
121	8.291 455	387	8.291 538	388	1.708 462	9.999 917	0	879
122	8.291 842	387	8.291 926	387	1.708 074	9.999 917	0	878
123	8.292 229	387	8.292 313	386	1.707 687	9.999 917	1	877
124	8.292 616	386	8.292 699	387	1.707 301	9.999 916	0	876
125	8.293 002	386	8.293 086	386	1.706 914	9.999 916	0	875
126	8.293 388	385	8.293 472	385	1.706 528	9.999 916	0	874
127	8.293 773	385	8.293 857	386	1.706 143	9.999 916	0	873
128	8.294 158	385	8.294 243	385	1.705 757	9.999 916	0	872
129	8.294 543	385	8.294 628	384	1.705 372	9.999 916	0	871
.130	8.294 928	384	8.295 012	384	1.704 988	9.999 916	1	.870
131	8.295 312	384	8.295 396	384	1.704 604	9.999 915	0	869
132	8.295 696	383	8.295 780	384	1.704 220	9.999 915	0	868
133	8.296 079	383	8.296 164	383	1.703 836	9.999 915	0	867
134	8.296 462	383	8.296 547	383	1.703 453	9.999 915	0	866
135	8.296 845	382	8.296 930	383	1.703 070	9.999 915	0	865
136	8.297 227	382	8.297 313	382	1.702 687	9.999 915	1	864
137	8.297 609	382	8.297 695	382	1.702 305	9.999 914	0	863
138	8.297 991	381	8.298 077	381	1.701 923	9.999 914	0	862
139	8.298 372	382	8.298 458	382	1.701 542	9.999 914	0	861
.140	8.298 754	380	8.298 840	380	1.701 160	9.999 914	0	.860
141	8.299 134	381	8.299 220	381	1.700 780	9.999 914	0	859
142	8.299 515	380	8.299 601	380	1.700 399	9.999 914	0	858
143	8.299 895	380	8.299 981	380	1.700 019	9.999 914	1	857
144	8.300 275	379	8.300 361	380	1.699 639	9.999 913	0	856
145	8.300 654	379	8.300 741	379	1.699 259	9.999 913	0	855
146	8.301 033	379	8.301 120	379	1.698 880	9.999 913	0	854
147	8.301 412	378	8.301 499	378	1.698 501	9.999 913	0	853
148	8.301 790	378	8.301 877	379	1.698 123	9.999 913	0	852
149	8.302 168	378	8.302 256	378	1.697 744	9.999 913	0	851
.150	8.302 546		8.302 634		1.697 366	9.999 913		.850
	cos	d	cotg	d	tang	sin	d	88°

P.P.

	395	394	393
1	39.5	39.4	39.3
2	79.0	78.8	78.6
3	118.5	118.2	117.9
4	158.0	157.6	157.2
5	197.5	197.0	196.5
6	237.0	236.4	235.8
7	276.5	275.8	275.1
8	316.0	315.2	314.4
9	355.5	354.6	353.7

	392	391
1	39.2	39.1
2	78.4	78.2
3	117.6	117.3
4	156.8	156.4
5	196.0	195.5
6	235.2	234.6
7	274.4	273.7
8	313.6	312.8
9	352.8	351.9

	390	389	388
1	39.0	38.9	38.8
2	78.0	77.8	77.6
3	117.0	116.7	116.4
4	156.0	155.6	155.2
5	195.0	194.5	194.0
6	234.0	233.4	232.8
7	273.0	272.3	271.6
8	312.0	311.2	310.4
9	351.0	350.1	349.2

	387	386
1	38.7	38.6
2	77.4	77.2
3	116.1	115.8
4	154.8	154.4
5	193.5	193.0
6	232.2	231.6
7	270.9	270.2
8	309.6	308.8
9	348.3	347.4

	385	384	383
1	38.5	38.4	38.3
2	77.0	76.8	76.6
3	115.5	115.2	114.9
4	154.0	153.6	153.2
5	192.5	192.0	191.5
6	231.0	230.4	229.8
7	269.5	268.8	268.1
8	308.0	307.2	306.4
9	346.5	345.6	344.7

	382	381
1	38.2	38.1
2	76.4	76.2
3	114.6	114.3
4	152.8	152.4
5	191.0	190.5
6	229.2	228.6
7	267.4	266.7
8	305.6	304.8
9	343.8	342.9

	380	379	378
1	38.0	37.9	37.8
2	76.0	75.8	75.6
3	114.0	113.7	113.4
4	152.0	151.6	151.2
5	190.0	189.5	189.0
6	228.0	227.4	226.8
7	266.0	265.3	264.6
8	304.0	303.2	302.4
9	342.0	341.1	340.2

P.P.

1°.150 — 1°.200

1°	sin	d	tang	d	cotg	cos	d		P.P.
.150	8.302 546		8.302 634		1.697 366	9.999 913		**.850**	
		377		377			1		
151	8.302 923		8.303 011		1.696 989	9.999 912		849	
		378		377			0		
152	8.303 301		8.303 388		1.696 612	9.999 912		848	
		376		377			0		
153	8.303 677		8.303 765		1.696 235	9.999 912		847	
		377		377			0		
154	8.304 054		8.304 142		1.695 858	9.999 912		846	
		376		376			0		
155	8.304 430		8.304 518		1.695 482	9.999 912		845	
		376		376			0		
156	8.304 806		8.304 894		1.695 106	9.999 912		844	
		375		376			1		
157	8.305 181		8.305 270		1.694 730	9.999 911		843	
		375		375			0		
158	8.305 556		8.305 645		1.694 355	9.999 911		842	
		375		375			0		
159	8.305 931		8.306 020		1.693 980	9.999 911		841	
		375		375			0		
.160	8.306 306		8.306 395		1.693 605	9.999 911		**.840**	
		374		374			0		
161	8.306 680		8.306 769		1.693 231	9.999 911		839	
		374		374			0		
162	8.307 054		8.307 143		1.692 857	9.999 911		838	
		373		374			0		
163	8.307 427		8.307 517		1.692 483	9.999 911		837	
		373		373			1		
164	8.307 800		8.307 890		1.692 110	9.999 910		836	
		373		373			0		
165	8.308 173		8.308 263		1.691 737	9.999 910		835	
		373		373			0		
166	8.308 546		8.308 636		1.691 364	9.999 910		834	
		372		372			0		
167	8.308 918		8.309 008		1.690 992	9.999 910		833	
		372		372			0		
168	8.309 290		8.309 380		1.690 620	9.999 910		832	
		372		372			0		
169	8.309 662		8.309 752		1.690 248	9.999 910		831	
		371		372			1		
.170	8.310 033		8.310 124		1.689 876	9.999 909		**.830**	
		371		371			0		
171	8.310 404		8.310 495		1.689 505	9.999 909		829	
		371		371			0		
172	8.310 775		8.310 866		1.689 134	9.999 909		828	
		370		370			0		
173	8.311 145		8.311 236		1.688 764	9.999 909		827	
		370		370			0		
174	8.311 515		8.311 606		1.688 394	9.999 909		826	
		370		370			0		
175	8.311 885		8.311 976		1.688 024	9.999 909		825	
		369		370			0		
176	8.312 254		8.312 346		1.687 654	9.999 909		824	
		369		369			1		
177	8.312 623		8.312 715		1.687 285	9.999 908		823	
		369		369			0		
178	8.312 992		8.313 084		1.686 916	9.999 908		822	
		369		368			0		
179	8.313 361		8.313 452		1.686 548	9.999 908		821	
		368		369			0		
.180	8.313 729		8.313 821		1.686 179	9.999 908		**.820**	
		368		368			0		
181	8.314 097		8.314 189		1.685 811	9.999 908		819	
		367		367			0		
182	8.314 464		8.314 556		1.685 444	9.999 908		818	
		367		368			1		
183	8.314 831		8.314 924		1.685 076	9.999 907		817	
		367		367			0		
184	8.315 198		8.315 291		1.684 709	9.999 907		816	
		367		367			0		
185	8.315 565		8.315 658		1.684 342	9.999 907		815	
		366		366			0		
186	8.315 931		8.316 024		1.683 976	9.999 907		814	
		366		366			0		
187	8.316 297		8.316 390		1.683 610	9.999 907		813	
		366		366			0		
188	8.316 663		8.316 756		1.683 244	9.999 907		812	
		365		366			1		
189	8.317 028		8.317 122		1.682 878	9.999 906		811	
		365		365			0		
.190	8.317 393		8.317 487		1.682 513	9.999 906		**.810**	
		365		365			0		
191	8.317 758		8.317 852		1.682 148	9.999 906		809	
		364		364			0		
192	8.318 122		8.318 216		1.681 784	9.999 906		808	
		364		365			0		
193	8.318 486		8.318 581		1.681 419	9.999 906		807	
		364		364			0		
194	8.318 850		8.318 945		1.681 055	9.999 906		806	
		364		363			0		
195	8.319 214		8.319 308		1.680 692	9.999 906		805	
		363		364			1		
196	8.319 577		8.319 672		1.680 328	9.999 905		804	
		363		363			0		
197	8.319 940		8.320 035		1.679 965	9.999 905		803	
		363		362			0		
198	8.320 303		8.320 397		1.679 603	9.999 905		802	
		362		363			0		
199	8.320 665		8.320 760		1.679 240	9.999 905		801	
		362		362			0		
.200	8.321 027		8.321 122		1.678 878	9.999 905		**.800**	
	cos	d	cotg	d	tang	sin	d	**88°**	P.P.

	378	377
1	37.8	37.7
2	75.6	75.4
3	113.4	113.1
4	151.2	150.8
5	189.0	188.5
6	226.8	226.2
7	264.6	263.9
8	302.4	301.6
9	340.2	339.3

	376	375	374
1	37.6	37.5	37.4
2	75.2	75.0	74.8
3	112.8	112.5	112.2
4	150.4	150.0	149.6
5	188.0	187.5	187.0
6	225.6	225.0	224.4
7	263.2	262.5	261.8
8	300.8	300.0	299.2
9	338.4	337.5	336.6

	373	372
1	37.3	37.2
2	74.6	74.4
3	111.9	111.6
4	149.2	148.8
5	186.5	186.0
6	223.8	223.2
7	261.1	260.4
8	298.4	297.6
9	335.7	334.8

	371	370	369
1	37.1	37.0	36.9
2	74.2	74.0	73.8
3	111.3	111.0	110.7
4	148.4	148.0	147.6
5	185.5	185.0	184.5
6	222.6	222.0	221.4
7	259.7	259.0	258.3
8	296.8	296.0	295.2
9	333.9	333.0	332.1

	368	367
1	36.8	36.7
2	73.6	73.4
3	110.4	110.1
4	147.2	146.8
5	184.0	183.5
6	220.8	220.2
7	257.6	256.9
8	294.4	293.6
9	331.2	330.3

	366	365	364
1	36.6	36.5	36.4
2	73.2	73.0	72.8
3	109.8	109.5	109.2
4	146.4	146.0	145.6
5	183.0	182.5	182.0
6	219.6	219.0	218.4
7	256.2	255.5	254.8
8	292.8	292.0	291.2
9	329.4	328.5	327.6

	363	362
1	36.3	36.2
2	72.6	72.4
3	108.9	108.6
4	145.2	144.8
5	181.5	181.0
6	217.8	217.2
7	254.1	253.4
8	290.4	289.6
9	326.7	325.8

88°.850 — 88°.800

1°.200 — 1°.250

1°	sin	d	tang	d	cotg	cos	d		P.P.
.200	8.321 027	362	8.321 122	362	1.678 878	9.999 905	0	**.800**	
201	8.321 389	361	8.321 484	362	1.678 516	9.999 905	1	799	
202	8.321 750	361	8.321 846	361	1.678 154	9.999 904	0	798	
203	8.322 111	361	8.322 207	361	1.677 793	9.999 904	0	797	
204	8.322 472	360	8.322 568	360	1.677 432	9.999 904	0	796	
205	8.322 832	361	8.322 928	361	1.677 072	9.999 904	0	795	
206	8.323 193	360	8.323 289	360	1.676 711	9.999 904	0	794	
207	8.323 553	359	8.323 649	360	1.676 351	9.999 904	1	793	
208	8.323 912	359	8.324 009	359	1.675 991	9.999 903	0	792	
209	8.324 271	359	8.324 368	359	1.675 632	9.999 903	0	791	
.210	8.324 630	359	8.324 727	359	1.675 273	9.999 903	0	**.790**	
211	8.324 989	359	8.325 086	359	1.674 914	9.999 903	0	789	
212	8.325 348	358	8.325 445	358	1.674 555	9.999 903	0	788	
213	8.325 706	358	8.325 803	358	1.674 197	9.999 903	0	787	
214	8.326 064	357	8.326 161	358	1.673 839	9.999 903	1	786	
215	8.326 421	357	8.326 519	357	1.673 481	9.999 902	0	785	
216	8.326 778	357	8.326 876	357	1.673 124	9.999 902	0	784	
217	8.327 135	357	8.327 233	357	1.672 767	9.999 902	0	783	
218	8.327 492	356	8.327 590	357	1.672 410	9.999 902	0	782	
219	8.327 848	356	8.327 947	356	1.672 053	9.999 902	0	781	
.220	8.328 204	356	8.328 303	356	1.671 697	9.999 902	1	**.780**	
221	8.328 560	356	8.328 659	355	1.671 341	9.999 901	0	779	
222	8.328 916	355	8.329 014	356	1.670 986	9.999 901	0	778	
223	8.329 271	355	8.329 370	355	1.670 630	9.999 901	0	777	
224	8.329 626	354	8.329 725	355	1.670 275	9.999 901	0	776	
225	8.329 980	355	8.330 080	354	1.669 920	9.999 901	0	775	
226	8.330 335	354	8.330 434	354	1.669 566	9.999 901	1	774	
227	8.330 689	353	8.330 788	354	1.669 212	9.999 900	0	773	
228	8.331 042	354	8.331 142	354	1.668 858	9.999 900	0	772	
229	8.331 396	353	8.331 496	353	1.668 504	9.999 900	0	771	
.230	8.331 749	353	8.331 849	353	1.668 151	9.999 900	0	**.770**	
231	8.332 102	353	8.332 202	353	1.667 798	9.999 900	0	769	
232	8.332 455	352	8.332 555	352	1.667 445	9.999 900	1	768	
233	8.332 807	352	8.332 907	353	1.667 093	9.999 899	0	767	
234	8.333 159	352	8.333 260	352	1.666 740	9.999 899	0	766	
235	8.333 511	351	8.333 612	351	1.666 388	9.999 899	0	765	
236	8.333 862	351	8.333 963	352	1.666 037	9.999 899	0	764	
237	8.334 213	351	8.334 315	351	1.665 685	9.999 899	0	763	
238	8.334 564	351	8.334 666	350	1.665 334	9.999 899	1	762	
239	8.334 915	350	8.335 016	351	1.664 984	9.999 898	0	761	
.240	8.335 265	350	8.335 367	350	1.664 633	9.999 898	0	**.760**	
241	8.335 615	350	8.335 717	350	1.664 283	9.999 898	0	759	
242	8.335 965	349	8.336 067	350	1.663 933	9.999 898	0	758	
243	8.336 314	350	8.336 417	349	1.663 583	9.999 898	0	757	
244	8.336 664	349	8.336 766	349	1.663 234	9.999 898	1	756	
245	8.337 013	348	8.337 115	349	1.662 885	9.999 897	0	755	
246	8.337 361	349	8.337 464	348	1.662 536	9.999 897	0	754	
247	8.337 710	348	8.337 812	349	1.662 188	9.999 897	0	753	
248	8.338 058	347	8.338 161	348	1.661 839	9.999 897	0	752	
249	8.338 405	348	8.338 509	347	1.661 491	9.999 897	0	751	
.250	8.338 753		8.338 856		1.661 144	9.999 897		**.750**	
	cos	d	cotg	d	tang	sin	d	**88°**	P.P.

	362	361
1	36.2	36.1
2	72.4	72.2
3	108.6	108.3
4	144.8	144.4
5	181.0	180.5
6	217.2	216.6
7	253.4	252.7
8	289.6	288.8
9	325.8	324.9

	360	359	358
1	36.0	35.9	35.8
2	72.0	71.8	71.6
3	108.0	107.7	107.4
4	144.0	143.6	143.2
5	180.0	179.5	179.0
6	216.0	215.4	214.8
7	252.0	251.3	250.6
8	288.0	287.2	286.4
9	324.0	323.1	322.2

	357	356
1	35.7	35.6
2	71.4	71.2
3	107.1	106.8
4	142.8	142.4
5	178.5	178.0
6	214.2	213.6
7	249.9	249.2
8	285.6	284.8
9	321.3	320.4

	355	354
1	35.5	35.4
2	71.0	70.8
3	106.5	106.2
4	142.0	141.6
5	177.5	177.0
6	213.0	212.4
7	248.5	247.8
8	284.0	283.2
9	319.5	318.6

	353	352
1	35.3	35.2
2	70.6	70.4
3	105.9	105.6
4	141.2	140.8
5	176.5	176.0
6	211.8	211.2
7	247.1	246.4
8	282.4	281.6
9	317.7	316.8

	351	350	349
1	35.1	35.0	34.9
2	70.2	70.0	69.8
3	105.3	105.0	104.7
4	140.4	140.0	139.6
5	175.5	175.0	174.5
6	210.6	210.0	209.4
7	245.7	245.0	244.3
8	280.8	280.0	279.2
9	315.9	315.0	314.1

	348	347
1	34.8	34.7
2	69.6	69.4
3	104.4	104.1
4	139.2	138.8
5	174.0	173.5
6	208.8	208.2
7	243.6	242.9
8	278.4	277.6
9	313.2	312.3

88°.800 — 88°.750

1°.250 — 1°.300

1°	sin	d	tang	d	cotg	cos	d		P.P.
.250	8.338 753		8.338 856		1.661 144	9.999 897		**.750**	
		347		348			1		
251	8.339 100		8.339 204		1.660 796	9.999 896		749	
		347		347			0		
252	8.339 447		8.339 551		1.660 449	9.999 896		748	
		347		347			0		
253	8.339 794		8.339 898		1.660 102	9.999 896		747	
		346		346			0		
254	8.340 140		8.340 244		1.659 756	9.999 896		746	
		346		347			0		
255	8.340 486		8.340 591		1.659 409	9.999 896		745	
		346		346			0		
256	8.340 832		8.340 937		1.659 063	9.999 896		744	
		346		345			1		
257	8.341 178		8.341 282		1.658 718	9.999 895		743	
		345		346			0		
258	8.341 523		8.341 628		1.658 372	9.999 895		742	
		345		345			0		
259	8.341 868		8.341 973		1.658 027	9.999 895		741	
		345		345			0		
.260	8.342 213		8.342 318		1.657 682	9.999 895		**.740**	
		344		345			0		
261	8.342 557		8.342 663		1.657 337	9.999 895		739	
		345		344			0		
262	8.342 902		8.343 007		1.656 993	9.999 895		738	
		344		344			1		
263	8.343 246		8.343 351		1.656 649	9.999 894		737	
		343		344			0		
264	8.343 589		8.343 695		1.656 305	9.999 894		736	
		344		343			0		
265	8.343 933		8.344 038		1.655 962	9.999 894		735	
		343		344			0		
266	8.344 276		8.344 382		1.655 618	9.999 894		734	
		343		343			0		
267	8.344 619		8.344 725		1.655 275	9.999 894		733	
		342		343			0		
268	8.344 961		8.345 068		1.654 932	9.999 894		732	
		342		342			1		
269	8.345 303		8.345 410		1.654 590	9.999 893		731	
		343		342			0		
.270	8.345 646		8.345 752		1.654 248	9.999 893		**.730**	
		341		342			0		
271	8.345 987		8.346 094		1.653 906	9.999 893		729	
		342		342			0		
272	8.346 329		8.346 436		1.653 564	9.999 893		728	
		341		341			0		
273	8.346 670		8.346 777		1.653 223	9.999 893		727	
		341		341			0		
274	8.347 011		8.347 118		1.652 882	9.999 893		726	
		341		341			1		
275	8.347 352		8.347 459		1.652 541	9.999 892		725	
		340		341			0		
276	8.347 692		8.347 800		1.652 200	9.999 892		724	
		340		340			0		
277	8.348 032		8.348 140		1.651 860	9.999 892		723	
		340		340			0		
278	8.348 372		8.348 480		1.651 520	9.999 892		722	
		340		340			0		
279	8.348 712		8.348 820		1.651 180	9.999 892		721	
		339		340			0		
.280	8.349 051		8.349 160		1.650 840	9.999 892		**.720**	
		339		339			1		
281	8.349 390		8.349 499		1.650 501	9.999 891		719	
		339		339			0		
282	8.349 729		8.349 838		1.650 162	9.999 891		718	
		339		339			0		
283	8.350 068		8.350 177		1.649 823	9.999 891		717	
		338		338			0		
284	8.350 406		8.350 515		1.649 485	9.999 891		716	
		338		338			0		
285	8.350 744		8.350 853		1.649 147	9.999 891		715	
		338		338			0		
286	8.351 082		8.351 191		1.648 809	9.999 891		714	
		337		338			1		
287	8.351 419		8.351 529		1.648 471	9.999 890		713	
		338		337			0		
288	8.351 757		8.351 866		1.648 134	9.999 890		712	
		337		338			0		
289	8.352 094		8.352 204		1.647 796	9.999 890		711	
		336		336			0		
.290	8.352 430		8.352 540		1.647 460	9.999 890		**.710**	
		337		337			0		
291	8.352 767		8.352 877		1.647 123	9.999 890		709	
		336		337			0		
292	8.353 103		8.353 214		1.646 786	9.999 890		708	
		336		336			1		
293	8.353 439		8.353 550		1.646 450	9.999 889		707	
		336		335			0		
294	8.353 775		8.353 885		1.646 115	9.999 889		706	
		335		336			0		
295	8.354 110		8.354 221		1.645 779	9.999 889		705	
		335		335			0		
296	8.354 445		8.354 556		1.645 444	9.999 889		704	
		335		336			0		
297	8.354 780		8.354 892		1.645 108	9.999 889		703	
		335		334			0		
298	8.355 115		8.355 226		1.644 774	9.999 889		702	
		334		335			1		
299	8.355 449		8.355 561		1.644 439	9.999 888		701	
		334		334			0		
.300	8.355 783		8.355 895		1.644 105	9.999 888		**.700**	
	cos	d	cotg	d	tang	sin	d	**88°**	P.P.

	348	347	346
1	34.8	34.7	34.6
2	69.6	69.4	69.2
3	104.4	104.1	103.8
4	139.2	138.8	138.4
5	174.0	173.5	173.0
6	208.8	208.2	207.6
7	243.6	242.9	242.2
8	278.4	277.6	276.8
9	313.2	312.3	311.4

	345	344	343
1	34.5	34.4	34.3
2	69.0	68.8	68.6
3	103.5	103.2	102.9
4	138.0	137.6	137.2
5	172.5	172.0	171.5
6	207.0	206.4	205.8
7	241.5	240.8	240.1
8	276.0	275.2	274.4
9	310.5	309.6	308.7

	342	341	340
1	34.2	34.1	34.0
2	68.4	68.2	68.0
3	102.6	102.3	102.0
4	136.8	136.4	136.0
5	171.0	170.5	170.0
6	205.2	204.6	204.0
7	239.4	238.7	238.0
8	273.6	272.8	272.0
9	307.8	306.9	306.0

	339	338	337
1	33.9	33.8	33.7
2	67.8	67.6	67.4
3	101.7	101.4	101.1
4	135.6	135.2	134.8
5	169.5	169.0	168.5
6	203.4	202.8	202.2
7	237.3	236.6	235.9
8	271.2	270.4	269.6
9	305.1	304.2	303.3

	336	335	334
1	33.6	33.5	33.4
2	67.2	67.0	66.8
3	100.8	100.5	100.2
4	134.4	134.0	133.6
5	168.0	167.5	167.0
6	201.6	201.0	200.4
7	235.2	234.5	233.8
8	268.8	268.0	267.2
9	302.4	301.5	300.6

88°.750 — 88°.700

1°.300 — 1°.350

1°	sin	d	tang	d	cotg	cos	d		P.P.
.300	8.355 783		8.355 895		1.644 105	9.999 888		.700	
		334		334			0		
301	8.356 117		8.356 229		1.643 771	9.999 888		699	
		334		334			0		
302	8.356 451		8.356 563		1.643 437	9.999 888		698	
		333		334			0		
303	8.356 784		8.356 897		1.643 103	9.999 888		697	
		333		333			0		
304	8.357 117		8.357 230		1.642 770	9.999 888		696	
		333		333			1		
305	8.357 450		8.357 563		1.642 437	9.999 887		695	
		333		333			0		
306	8.357 783		8.357 896		1.642 104	9.999 887		694	
		332		332			0		
307	8.358 115		8.358 228		1.641 772	9.999 887		693	
		332		333			0		
308	8.358 447		8.358 561		1.641 439	9.999 887		692	
		332		332			0		
309	8.358 779		8.358 893		1.641 107	9.999 887		691	
		332		331			1		
.310	8.359 111		8.359 224		1.640 776	9.999 886		.690	
		331		332			0		
311	8.359 442		8.359 556		1.640 444	9.999 886		689	
		331		331			0		
312	8.359 773		8.359 887		1.640 113	9.999 886		688	
		331		331			0		
313	8.360 104		8.360 218		1.639 782	9.999 886		687	
		331		331			0		
314	8.360 435		8.360 549		1.639 451	9.999 886		686	
		330		330			0		
315	8.360 765		8.360 879		1.639 121	9.999 886		685	
		330		331			1		
316	8.361 095		8.361 210		1.638 790	9.999 885		684	
		330		330			0		
317	8.361 425		8.361 540		1.638 460	9.999 885		683	
		329		329			0		
318	8.361 754		8.361 869		1.638 131	9.999 885		682	
		330		330			0		
319	8.362 084		8.362 199		1.637 801	9.999 885		681	
		329		329			0		
.320	8.362 413		8.362 528		1.637 472	9.999 885		.680	
		329		329			0		
321	8.362 742		8.362 857		1.637 143	9.999 885		679	
		328		329			1		
322	8.363 070		8.363 186		1.636 814	9.999 884		678	
		329		328			0		
323	8.363 399		8.363 514		1.636 486	9.999 884		677	
		328		329			0		
324	8.363 727		8.363 843		1.636 157	9.999 884		676	
		328		328			0		
325	8.364 055		8.364 171		1.635 829	9.999 884		675	
		327		327			0		
326	8.364 382		8.364 498		1.635 502	9.999 884		674	
		327		328			0		
327	8.364 709		8.364 826		1.635 174	9.999 884		673	
		328		327			1		
328	8.365 037		8.365 153		1.634 847	9.999 883		672	
		326		327			0		
329	8.365 363		8.365 480		1.634 520	9.999 883		671	
		327		327			0		
.330	8.365 690		8.365 807		1.634 193	9.999 883		.670	
		326		327			0		
331	8.366 016		8.366 134		1.633 866	9.999 883		669	
		326		326			0		
332	8.366 342		8.366 460		1.633 540	9.999 883		668	
		326		326			1		
333	8.366 668		8.366 786		1.633 214	9.999 882		667	
		326		326			0		
334	8.366 994		8.367 112		1.632 888	9.999 882		666	
		325		325			0		
335	8.367 319		8.367 437		1.632 563	9.999 882		665	
		325		326			0		
336	8.367 644		8.367 763		1.632 237	9.999 882		664	
		325		325			0		
337	8.367 969		8.368 088		1.631 912	9.999 882		663	
		325		324			0		
338	8.368 294		8.368 412		1.631 588	9.999 882		662	
		324		325			1		
339	8.368 618		8.368 737		1.631 263	9.999 881		661	
		325		324			0		
.340	8.368 943		8.369 061		1.630 939	9.999 881		.660	
		323		324			0		
341	8.369 266		8.369 385		1.630 615	9.999 881		659	
		324		324			0		
342	8.369 590		8.369 709		1.630 291	9.999 881		658	
		324		324			0		
343	8.369 914		8.370 033		1.629 967	9.999 881		657	
		323		323			0		
344	8.370 237		8.370 356		1.629 644	9.999 881		656	
		323		323			1		
345	8.370 560		8.370 679		1.629 321	9.999 880		655	
		322		323			0		
346	8.370 882		8.371 002		1.628 998	9.999 880		654	
		323		323			0		
347	8.371 205		8.371 325		1.628 675	9.999 880		653	
		322		322			0		
348	8.371 527		8.371 647		1.628 353	9.999 880		652	
		322		323			0		
349	8.371 849		8.371 970		1.628 030	9.999 880		651	
		322		322			1		
.350	8.372 171		8.372 292		1.627 708	9.999 879		.650	
	cos	d	cotg	d	tang	sin	d	88°	P.P.

	334	333	332
1	33.4	33.3	33.2
2	66.8	66.6	66.4
3	100.2	99.9	99.6
4	133.6	133.2	132.8
5	167.0	166.5	166.0
6	200.4	199.8	199.2
7	233.8	233.1	232.4
8	267.2	266.4	265.6
9	300.6	299.7	298.8

	331	330
1	33.1	33.0
2	66.2	66.0
3	99.3	99.0
4	132.4	132.0
5	165.5	165.0
6	198.6	198.0
7	231.7	231.0
8	264.8	264.0
9	297.9	297.0

	329	328	327
1	32.9	32.8	32.7
2	65.8	65.6	65.4
3	98.7	98.4	98.1
4	131.6	131.2	130.8
5	164.5	164.0	163.5
6	197.4	196.8	196.2
7	230.3	229.6	228.9
8	263.2	262.4	261.6
9	296.1	295.2	294.3

	326	325
1	32.6	32.5
2	65.2	65.0
3	97.8	97.5
4	130.4	130.0
5	163.0	162.5
6	195.6	195.0
7	228.2	227.5
8	260.8	260.0
9	293.4	292.5

	324	323	322
1	32.4	32.3	32.2
2	64.8	64.6	64.4
3	97.2	96.9	96.6
4	129.6	129.2	128.8
5	162.0	161.5	161.0
6	194.4	193.8	193.2
7	226.8	226.1	225.4
8	259.2	258.4	257.6
9	291.6	290.7	289.8

88°.700 — 88°.650

1°.350 — 1°.400

1°	sin	d	tang	d	cotg	cos	d		P.P.
.350	8.372 171	321	8.372 292	321	1.627 708	9.999 879	0	**.650**	
351	8.372 492	322	8.372 613	322	1.627 387	9.999 879	0	649	
352	8.372 814	321	8.372 935	321	1.627 065	9.999 879	0	648	
353	8.373 135	321	8.373 256	321	1.626 744	9.999 879	0	647	
354	8.373 456	320	8.373 577	321	1.626 423	9.999 879	0	646	
355	8.373 776	321	8.373 898	320	1.626 102	9.999 879	1	645	
356	8.374 097	320	8.374 218	320	1.625 782	9.999 878	0	644	
357	8.374 417	319	8.374 538	320	1.625 462	9.999 878	0	643	
358	8.374 736	320	8.374 858	320	1.625 142	9.999 878	0	642	
359	8.375 056	319	8.375 178	320	1.624 822	9.999 878	0	641	
.360	8.375 375	320	8.375 498	319	1.624 502	9.999 878	1	**.640**	
361	8.375 695	319	8.375 817	319	1.624 183	9.999 877	0	639	
362	8.376 014	318	8.376 136	319	1.623 864	9.999 877	0	638	
363	8.376 332	319	8.376 455	319	1.623 545	9.999 877	0	637	
364	8.376 651	318	8.376 774	318	1.623 226	9.999 877	0	636	
365	8.376 969	318	8.377 092	318	1.622 908	9.999 877	0	635	
366	8.377 287	318	8.377 410	318	1.622 590	9.999 877	1	634	
367	8.377 605	317	8.377 728	318	1.622 272	9.999 876	0	633	
368	8.377 922	317	8.378 046	317	1.621 954	9.999 876	0	632	
369	8.378 239	318	8.378 363	318	1.621 637	9.999 876	0	631	
.370	8.378 557	316	8.378 681	317	1.621 319	9.999 876	0	**.630**	
371	8.378 873	317	8.378 998	316	1.621 002	9.999 876	1	629	
372	8.379 190	316	8.379 314	317	1.620 686	9.999 875	0	628	
373	8.379 506	316	8.379 631	316	1.620 369	9.999 875	0	627	
374	8.379 822	316	8.379 947	316	1.620 053	9.999 875	0	626	
375	8.380 138	316	8.380 263	316	1.619 737	9.999 875	0	625	
376	8.380 454	315	8.380 579	316	1.619 421	9.999 875	0	624	
377	8.380 769	316	8.380 895	315	1.619 105	9.999 875	1	623	
378	8.381 085	315	8.381 210	316	1.618 790	9.999 874	0	622	
379	8.381 400	314	8.381 526	314	1.618 474	9.999 874	0	621	
.380	8.381 714	315	8.381 840	315	1.618 160	9.999 874	0	**.620**	
381	8.382 029	314	8.382 155	315	1.617 845	9.999 874	0	619	
382	8.382 343	314	8.382 470	314	1.617 530	9.999 874	1	618	
383	8.382 657	314	8.382 784	314	1.617 216	9.999 873	0	617	
384	8.382 971	314	8.383 098	314	1.616 902	9.999 873	0	616	
385	8.383 285	313	8.383 412	313	1.616 588	9.999 873	0	615	
386	8.383 598	313	8.383 725	314	1.616 275	9.999 873	0	614	
387	8.383 911	313	8.384 039	313	1.615 961	9.999 873	0	613	
388	8.384 224	313	8.384 352	313	1.615 648	9.999 873	1	612	
389	8.384 537	313	8.384 665	312	1.615 335	9.999 872	0	611	
.390	8.384 850	312	8.384 977	313	1.615 023	9.999 872	0	**.610**	
391	8.385 162	312	8.385 290	312	1.614 710	9.999 872	0	609	
392	8.385 474	312	8.385 602	312	1.614 398	9.999 872	0	608	
393	8.385 786	311	8.385 914	312	1.614 086	9.999 872	1	607	
394	8.386 097	312	8.386 226	311	1.613 774	9.999 871	0	606	
395	8.386 409	311	8.386 537	312	1.613 463	9.999 871	0	605	
396	8.386 720	311	8.386 849	311	1.613 151	9.999 871	0	604	
397	8.387 031	310	8.387 160	311	1.612 840	9.999 871	0	603	
398	8.387 341	311	8.387 471	310	1.612 529	9.999 871	0	602	
399	8.387 652	310	8.387 781	311	1.612 219	9.999 871	1	601	
.400	8.387 962		8.388 092		1.611 908	9.999 870		**.600**	
	cos	d	cotg	d	tang	sin	d	**88°**	P.P.

	322	321	320
1	32.2	32.1	32.0
2	64.4	64.2	64.0
3	96.6	96.3	96.0
4	128.8	128.4	128.0
5	161.0	160.5	160.0
6	193.2	192.6	192.0
7	225.4	224.7	224.0
8	257.6	256.8	256.0
9	289.8	288.9	288.0

	319	318
1	31.9	31.8
2	63.8	63.6
3	95.7	95.4
4	127.6	127.2
5	159.5	159.0
6	191.4	190.8
7	223.3	222.6
8	255.2	254.4
9	287.1	286.2

	317	316	315
1	31.7	31.6	31.5
2	63.4	63.2	63.0
3	95.1	94.8	94.5
4	126.8	126.4	126.0
5	158.5	158.0	157.5
6	190.2	189.6	189.0
7	221.9	221.2	220.5
8	253.6	252.8	252.0
9	285.3	284.4	283.5

	314	313
1	31.4	31.3
2	62.8	62.6
3	94.2	93.9
4	125.6	125.2
5	157.0	156.5
6	188.4	187.8
7	219.8	219.1
8	251.2	250.4
9	282.6	281.7

	312	311	310
1	31.2	31.1	31.0
2	62.4	62.2	62.0
3	93.6	93.3	93.0
4	124.8	124.4	124.0
5	156.0	155.5	155.0
6	187.2	186.6	186.0
7	218.4	217.7	217.0
8	249.6	248.8	248.0
9	280.8	279.9	279.0

88°.650 — 88°.600

1°.400 — 1°.450

1°	sin	d	tang	d	cotg	cos	d	
.400	8.387 962	310	8.388 092	310	1.611 908	9.999 870	0	.600
401	8.388 272	310	8.388 402	310	1.611 598	9.999 870	0	599
402	8.388 582	310	8.388 712	310	1.611 288	9.999 870	0	598
403	8.388 892	309	8.389 022	309	1.610 978	9.999 870	0	597
404	8.389 201	309	8.389 331	310	1.610 669	9.999 870	1	596
405	8.389 510	309	8.389 641	309	1.610 359	9.999 869	0	595
406	8.389 819	309	8.389 950	309	1.610 050	9.999 869	0	594
407	8.390 128	308	8.390 259	308	1.609 741	9.999 869	0	593
408	8.390 436	309	8.390 567	309	1.609 433	9.999 869	0	592
409	8.390 745	308	8.390 876	308	1.609 124	9.999 869	1	591
.410	8.391 053	307	8.391 184	308	1.608 816	9.999 868	0	.590
411	8.391 360	308	8.391 492	308	1.608 508	9.999 868	0	589
412	8.391 668	308	8.391 800	308	1.608 200	9.999 868	0	588
413	8.391 976	307	8.392 108	307	1.607 892	9.999 868	0	587
414	8.392 283	307	8.392 415	307	1.607 585	9.999 868	0	586
415	8.392 590	306	8.392 722	307	1.607 278	9.999 868	1	585
416	8.392 896	307	8.393 029	307	1.606 971	9.999 867	0	584
417	8.393 203	306	8.393 336	306	1.606 664	9.999 867	0	583
418	8.393 509	306	8.393 642	307	1.606 358	9.999 867	0	582
419	8.393 815	306	8.393 949	306	1.606 051	9.999 867	0	581
.420	8.394 121	306	8.394 255	306	1.605 745	9.999 867	1	.580
421	8.394 427	305	8.394 561	305	1.605 439	9.999 866	0	579
422	8.394 732	306	8.394 866	306	1.605 134	9.999 866	0	578
423	8.395 038	305	8.395 172	305	1.604 828	9.999 866	0	577
424	8.395 343	304	8.395 477	305	1.604 523	9.999 866	0	576
425	8.395 647	305	8.395 782	305	1.604 218	9.999 866	1	575
426	8.395 952	304	8.396 087	304	1.603 913	9.999 865	0	574
427	8.396 256	305	8.396 391	305	1.603 609	9.999 865	0	573
428	8.396 561	304	8.396 696	304	1.603 304	9.999 865	0	572
429	8.396 865	303	8.397 000	304	1.603 000	9.999 865	0	571
.430	8.397 168	304	8.397 304	303	1.602 696	9.999 865	0	.570
431	8.397 472	303	8.397 607	304	1.602 393	9.999 865	1	569
432	8.397 775	303	8.397 911	303	1.602 089	9.999 864	0	568
433	8.398 078	303	8.398 214	303	1.601 786	9.999 864	0	567
434	8.398 381	303	8.398 517	303	1.601 483	9.999 864	0	566
435	8.398 684	302	8.398 820	303	1.601 180	9.999 864	0	565
436	8.398 986	303	8.399 123	302	1.600 877	9.999 864	1	564
437	8.399 289	302	8.399 425	302	1.600 575	9.999 863	0	563
438	8.399 591	302	8.399 727	302	1.600 273	9.999 863	0	562
439	8.399 893	301	8.400 029	302	1.599 971	9.999 863	0	561
.440	8.400 194	302	8.400 331	302	1.599 669	9.999 863	0	.560
441	8.400 496	301	8.400 633	301	1.599 367	9.999 863	1	559
442	8.400 797	301	8.400 934	302	1.599 066	9.999 862	0	558
443	8.401 098	301	8.401 236	301	1.598 764	9.999 862	0	557
444	8.401 399	300	8.401 537	300	1.598 463	9.999 862	0	556
445	8.401 699	301	8.401 837	301	1.598 163	9.999 862	0	555
446	8.402 000	300	8.402 138	300	1.597 862	9.999 862	1	554
447	8.402 300	300	8.402 438	300	1.597 562	9.999 861	0	553
448	8.402 600	299	8.402 738	300	1.597 262	9.999 861	0	552
449	8.402 899	300	8.403 038	300	1.596 962	9.999 861	0	551
.450	8.403 199		8.403 338		1.596 662	9.999 861		.550
	cos	d	cotg	d	tang	sin	d	88°

P.P.

	310	309
1	31.0	30.9
2	62.0	61.8
3	93.0	92.7
4	124.0	123.6
5	155.0	154.5
6	186.0	185.4
7	217.0	216.3
8	248.0	247.2
9	279.0	278.1

	308	307	306
1	30.8	30.7	30.6
2	61.6	61.4	61.2
3	92.4	92.1	91.8
4	123.2	122.8	122.4
5	154.0	153.5	153.0
6	184.8	184.2	183.6
7	215.6	214.9	214.2
8	246.4	245.6	244.8
9	277.2	276.3	275.4

	305	304
1	30.5	30.4
2	61.0	60.8
3	91.5	91.2
4	122.0	121.6
5	152.5	152.0
6	183.0	182.4
7	213.5	212.8
8	244.0	243.2
9	274.5	273.6

	303	302	301
1	30.3	30.2	30.1
2	60.6	60.4	60.2
3	90.9	90.6	90.3
4	121.2	120.8	120.4
5	151.5	151.0	150.5
6	181.8	181.2	180.6
7	212.1	211.4	210.7
8	242.4	241.6	240.8
9	272.7	271.8	270.9

	300	299
1	30.0	29.9
2	60.0	59.8
3	90.0	89.7
4	120.0	119.6
5	150.0	149.5
6	180.0	179.4
7	210.0	209.3
8	240.0	239.2
9	270.0	269.1

88°.600 — 88°.550

1°.450 — 1°.500

1°	sin	d	tang	d	cotg	cos	d		P.P.
.450	8.403 199	299	8.403 338	300	1.596 662	9.999 861	0	**.550**	
451	8.403 498	299	8.403 638	299	1.596 362	9.999 861	0	549	
452	8.403 797	299	8.403 937	299	1.596 063	9.999 861	1	548	
453	8.404 096	299	8.404 236	299	1.595 764	9.999 860	0	547	
454	8.404 395	299	8.404 535	299	1.595 465	9.999 860	0	546	
455	8.404 694	298	8.404 834	298	1.595 166	9.999 860	0	545	
456	8.404 992	298	8.405 132	299	1.594 868	9.999 860	0	544	
457	8.405 290	298	8.405 431	298	1.594 569	9.999 860	1	543	
458	8.405 588	298	8.405 729	298	1.594 271	9.999 859	0	542	
459	8.405 886	297	8.406 027	297	1.593 973	9.999 859	0	541	
.460	8.406 183	298	8.406 324	298	1.593 676	9.999 859	0	**.540**	
461	8.406 481	297	8.406 622	297	1.593 378	9.999 859	0	539	
462	8.406 778	296	8.406 919	297	1.593 081	9.999 858	1	538	
463	8.407 074	297	8.407 216	297	1.592 784	9.999 858	0	537	
464	8.407 371	297	8.407 513	297	1.592 487	9.999 858	0	536	
465	8.407 668	296	8.407 810	296	1.592 190	9.999 858	0	535	
466	8.407 964	296	8.408 106	296	1.591 894	9.999 858	1	534	
467	8.408 260	296	8.408 402	296	1.591 598	9.999 857	0	533	
468	8.408 556	296	8.408 698	296	1.591 302	9.999 857	0	532	
469	8.408 852	295	8.408 994	296	1.591 006	9.999 857	0	531	
.470	8.409 147	295	8.409 290	295	1.590 710	9.999 857	0	**.530**	
471	8.409 442	295	8.409 585	296	1.590 415	9.999 857	0	529	
472	8.409 737	295	8.409 881	295	1.590 119	9.999 856	1	528	
473	8.410 032	295	8.410 176	295	1.589 824	9.999 856	0	527	
474	8.410 327	294	8.410 471	294	1.589 529	9.999 856	0	526	
475	8.410 621	295	8.410 765	295	1.589 235	9.999 856	0	525	
476	8.410 916	294	8.411 060	294	1.588 940	9.999 856	1	524	
477	8.411 210	294	8.411 354	294	1.588 646	9.999 855	0	523	
478	8.411 504	293	8.411 648	294	1.588 352	9.999 855	0	522	
479	8.411 797	294	8.411 942	294	1.588 058	9.999 855	0	521	
.480	8.412 091	293	8.412 236	293	1.587 764	9.999 855	0	**.520**	
481	8.412 384	293	8.412 529	293	1.587 471	9.999 855	0	519	
482	8.412 677	293	8.412 822	294	1.587 178	9.999 855	1	518	
483	8.412 970	293	8.413 116	292	1.586 884	9.999 854	0	517	
484	8.413 263	292	8.413 408	293	1.586 592	9.999 854	0	516	
485	8.413 555	292	8.413 701	293	1.586 299	9.999 854	0	515	
486	8.413 847	293	8.413 994	292	1.586 006	9.999 854	0	514	
487	8.414 140	291	8.414 286	292	1.585 714	9.999 854	1	513	
488	8.414 431	292	8.414 578	292	1.585 422	9.999 853	0	512	
489	8.414 723	292	8.414 870	292	1.585 130	9.999 853	0	511	
.490	8.415 015	291	8.415 162	291	1.584 838	9.999 853	0	**.510**	
491	8.415 306	291	8.415 453	291	1.584 547	9.999 853	0	509	
492	8.415 597	291	8.415 744	291	1.584 256	9.999 853	1	508	
493	8.415 888	291	8.416 035	291	1.583 965	9.999 852	0	507	
494	8.416 179	290	8.416 326	291	1.583 674	9.999 852	0	506	
495	8.416 469	291	8.416 617	291	1.583 383	9.999 852	0	505	
496	8.416 760	290	8.416 908	290	1.583 092	9.999 852	0	504	
497	8.417 050	290	8.417 198	290	1.582 802	9.999 852	1	503	
498	8.417 340	289	8.417 488	290	1.582 512	9.999 851	0	502	
499	8.417 629	290	8.417 778	290	1.582 222	9.999 851	0	501	
.500	8.417 919		8.418 068		1.581 932	9.999 851		**.500**	
	cos	d	cotg	d	tang	sin	d	88°	P.P.

	300	299
1	30.0	29.9
2	60.0	59.8
3	90.0	89.7
4	120.0	119.6
5	150.0	149.5
6	180.0	179.4
7	210.0	209.3
8	240.0	239.2
9	270.0	269.1

	298	297	296
1	29.8	29.7	29.6
2	59.6	59.4	59.2
3	89.4	89.1	88.8
4	119.2	118.8	118.4
5	149.0	148.5	148.0
6	178.8	178.2	177.6
7	208.6	207.9	207.2
8	238.4	237.6	236.8
9	268.2	267.3	266.4

	295	294
1	29.5	29.4
2	59.0	58.8
3	88.5	88.2
4	118.0	117.6
5	147.5	147.0
6	177.0	176.4
7	206.5	205.8
8	236.0	235.2
9	265.5	264.6

	293	292	291
1	29.3	29.2	29.1
2	58.6	58.4	58.2
3	87.9	87.6	87.3
4	117.2	116.8	116.4
5	146.5	146.0	145.5
6	175.8	175.2	174.6
7	205.1	204.4	203.7
8	234.4	233.6	232.8
9	263.7	262.8	261.9

	290	289
1	29.0	28.9
2	58.0	57.8
3	87.0	86.7
4	116.0	115.6
5	145.0	144.5
6	174.0	173.4
7	203.0	202.3
8	232.0	231.2
9	261.0	260.1

88°.550 — 88°.500

1°.500 — 1°.550

1°	sin	d	tang	d	cotg	cos	d		P.P.
.500	8.417 919	289	8.418 068	289	1.581 932	9.999 851	0	**.500**	
501	8.418 208	290	8.418 357	290	1.581 643	9.999 851	0	499	
502	8.418 498	289	8.418 647	289	1.581 353	9.999 851	0	498	
503	8.418 787	288	8.418 936	289	1.581 064	9.999 851	1	497	
504	8.419 075	289	8.419 225	289	1.580 775	9.999 850	0	496	
505	8.419 364	288	8.419 514	288	1.580 486	9.999 850	0	495	
506	8.419 652	289	8.419 802	289	1.580 198	9.999 850	0	494	
507	8.419 941	288	8.420 091	288	1.579 909	9.999 850	0	493	
508	8.420 229	287	8.420 379	288	1.579 621	9.999 850	1	492	
509	8.420 516	288	8.420 667	288	1.579 333	9.999 849	0	491	
.510	8.420 804	287	8.420 955	288	1.579 045	9.999 849	0	**.490**	
511	8.421 091	288	8.421 243	287	1.578 757	9.999 849	0	489	
512	8.421 379	287	8.421 530	287	1.578 470	9.999 849	0	488	
513	8.421 666	287	8.421 817	287	1.578 183	9.999 849	1	487	
514	8.421 953	286	8.422 104	287	1.577 896	9.999 848	0	486	
515	8.422 239	287	8.422 391	287	1.577 609	9.999 848	0	485	
516	8.422 526	286	8.422 678	286	1.577 322	9.999 848	0	484	
517	8.422 812	286	8.422 964	287	1.577 036	9.999 848	0	483	
518	8.423 098	286	8.423 251	286	1.576 749	9.999 848	1	482	
519	8.423 384	286	8.423 537	286	1.576 463	9.999 847	0	481	
.520	8.423 670	286	8.423 823	286	1.576 177	9.999 847	0	**.480**	
521	8.423 956	285	8.424 109	285	1.575 891	9.999 847	0	479	
522	8.424 241	285	8.424 394	286	1.575 606	9.999 847	0	478	
523	8.424 526	285	8.424 680	285	1.575 320	9.999 847	1	477	
524	8.424 811	285	8.424 965	285	1.575 035	9.999 846	0	476	
525	8.425 096	285	8.425 250	285	1.574 750	9.999 846	0	475	
526	8.425 381	284	8.425 535	284	1.574 465	9.999 846	0	474	
527	8.425 665	284	8.425 819	285	1.574 181	9.999 846	0	473	
528	8.425 949	284	8.426 104	284	1.573 896	9.999 846	1	472	
529	8.426 233	284	8.426 388	284	1.573 612	9.999 845	0	471	
.530	8.426 517	284	8.426 672	284	1.573 328	9.999 845	0	**.470**	
531	8.426 801	283	8.426 956	284	1.573 044	9.999 845	0	469	
532	8.427 084	284	8.427 240	283	1.572 760	9.999 845	0	468	
533	8.427 368	283	8.427 523	284	1.572 477	9.999 845	1	467	
534	8.427 651	283	8.427 807	283	1.572 193	9.999 844	0	466	
535	8.427 934	283	8.428 090	283	1.571 910	9.999 844	0	465	
536	8.428 217	282	8.428 373	282	1.571 627	9.999 844	0	464	
537	8.428 499	283	8.428 655	283	1.571 345	9.999 844	0	463	
538	8.428 782	282	8.428 938	282	1.571 062	9.999 844	1	462	
539	8.429 064	282	8.429 220	283	1.570 780	9.999 843	0	461	
.540	8.429 346	282	8.429 503	282	1.570 497	9.999 843	0	**.460**	
541	8.429 628	281	8.429 785	282	1.570 215	9.999 843	0	459	
542	8.429 909	282	8.430 067	281	1.569 933	9.999 843	1	458	
543	8.430 191	281	8.430 348	282	1.569 652	9.999 842	0	457	
544	8.430 472	281	8.430 630	281	1.569 370	9.999 842	0	456	
545	8.430 753	281	8.430 911	281	1.569 089	9.999 842	0	455	
546	8.431 034	281	8.431 192	281	1.568 808	9.999 842	0	454	
547	8.431 315	280	8.431 473	281	1.568 527	9.999 842	1	453	
548	8.431 595	281	8.431 754	281	1.568 246	9.999 841	0	452	
549	8.431 876	280	8.432 035	280	1.567 965	9.999 841	0	451	
.550	8.432 156		8.432 315		1.567 685	9.999 841		**.450**	
	cos	d	cotg	d	tang	sin	d	**88°**	P.P.

	290	289
1	29.0	28.9
2	58.0	57.8
3	87.0	86.7
4	116.0	115.6
5	145.0	144.5
6	174.0	173.4
7	203.0	202.3
8	232.0	231.2
9	261.0	260.1

	288	287
1	28.8	28.7
2	57.6	57.4
3	86.4	86.1
4	115.2	114.8
5	144.0	143.5
6	172.8	172.2
7	201.6	200.9
8	230.4	229.6
9	259.2	258.3

	286	285	284
1	28.6	28.5	28.4
2	57.2	57.0	56.8
3	85.8	85.5	85.2
4	114.4	114.0	113.6
5	143.0	142.5	142.0
6	171.6	171.0	170.4
7	200.2	199.5	198.8
8	228.8	228.0	227.2
9	257.4	256.5	255.6

	283	282
1	28.3	28.2
2	56.6	56.4
3	84.9	84.6
4	113.2	112.8
5	141.5	141.0
6	169.8	169.2
7	198.1	197.4
8	226.4	225.6
9	254.7	253.8

	281	280
1	28.1	28.0
2	56.2	56.0
3	84.3	84.0
4	112.4	112.0
5	140.5	140.0
6	168.6	168.0
7	196.7	196.0
8	224.8	224.0
9	252.9	252.0

88°.500 — 88°.450

1°.550 — 1°.600

1°	sin	d	tang	d	cotg	cos	d		P.P.
.550	8.432 156	280	8.432 315	280	1.567 685	9.999 841	0	.450	
551	8.432 436	280	8.432 595	280	1.567 405	9.999 841	0	449	
552	8.432 716	280	8.432 875	280	1.567 125	9.999 841	1	448	
553	8.432 996	279	8.433 155	280	1.566 845	9.999 840	0	447	
554	8.433 275	279	8.433 435	279	1.566 565	9.999 840	0	446	
555	8.433 554	280	8.433 714	280	1.566 286	9.999 840	0	445	
556	8.433 834	279	8.433 994	279	1.566 006	9.999 840	0	444	
557	8.434 113	278	8.434 273	279	1.565 727	9.999 840	1	443	
558	8.434 391	279	8.434 552	279	1.565 448	9.999 839	0	442	
559	8.434 670	278	8.434 831	278	1.565 169	9.999 839	0	441	
.560	8.434 948	279	8.435 109	279	1.564 891	9.999 839	0	.440	
561	8.435 227	278	8.435 388	278	1.564 612	9.999 839	0	439	
562	8.435 505	277	8.435 666	278	1.564 334	9.999 839	1	438	
563	8.435 782	278	8.435 944	278	1.564 056	9.999 838	0	437	
564	8.436 060	278	8.436 222	278	1.563 778	9.999 838	0	436	
565	8.436 338	277	8.436 500	277	1.563 500	9.999 838	0	435	
566	8.436 615	277	8.436 777	278	1.563 223	9.999 838	0	434	
567	8.436 892	277	8.437 055	277	1.562 945	9.999 838	1	433	
568	8.437 169	277	8.437 332	277	1.562 668	9.999 837	0	432	
569	8.437 446	277	8.437 609	277	1.562 391	9.999 837	0	431	
.570	8.437 723	276	8.437 886	276	1.562 114	9.999 837	0	.430	
571	8.437 999	276	8.438 162	277	1.561 838	9.999 837	0	429	
572	8.438 275	277	8.438 439	276	1.561 561	9.999 837	1	428	
573	8.438 552	275	8.438 715	276	1.561 285	9.999 836	0	427	
574	8.438 827	276	8.438 991	276	1.561 009	9.999 836	0	426	
575	8.439 103	276	8.439 267	276	1.560 733	9.999 836	0	425	
576	8.439 379	275	8.439 543	276	1.560 457	9.999 836	1	424	
577	8.439 654	275	8.439 819	275	1.560 181	9.999 835	0	423	
578	8.439 929	276	8.440 094	275	1.559 906	9.999 835	0	422	
579	8.440 205	274	8.440 369	276	1.559 631	9.999 835	0	421	
.580	8.440 479	275	8.440 645	274	1.559 355	9.999 835	0	.420	
581	8.440 754	275	8.440 919	275	1.559 081	9.999 835	1	419	
582	8.441 029	274	8.441 194	275	1.558 806	9.999 834	0	418	
583	8.441 303	274	8.441 469	274	1.558 531	9.999 834	0	417	
584	8.441 577	274	8.441 743	274	1.558 257	9.999 834	0	416	
585	8.441 851	274	8.442 017	274	1.557 983	9.999 834	0	415	
586	8.442 125	274	8.442 291	274	1.557 709	9.999 834	1	414	
587	8.442 399	273	8.442 565	274	1.557 435	9.999 833	0	413	
588	8.442 672	274	8.442 839	274	1.557 161	9.999 833	0	412	
589	8.442 946	273	8.443 113	273	1.556 887	9.999 833	0	411	
.590	8.443 219	273	8.443 386	273	1.556 614	9.999 833	0	.410	
591	8.443 492	273	8.443 659	273	1.556 341	9.999 833	1	409	
592	8.443 765	272	8.443 932	273	1.556 068	9.999 832	0	408	
593	8.444 037	273	8.444 205	273	1.555 795	9.999 832	0	407	
594	8.444 310	272	8.444 478	272	1.555 522	9.999 832	0	406	
595	8.444 582	272	8.444 750	273	1.555 250	9.999 832	1	405	
596	8.444 854	272	8.445 023	272	1.554 977	9.999 831	0	404	
597	8.445 126	272	8.445 295	272	1.554 705	9.999 831	0	403	
598	8.445 398	271	8.445 567	272	1.554 433	9.999 831	0	402	
599	8.445 669	272	8.445 839	271	1.554 161	9.999 831	0	401	
.600	8.445 941		8.446 110		1.553 890	9.999 831		.400	
	cos	d	cotg	d	tang	sin	d	88°	P.P.

	280	279
1	28.0	27.9
2	56.0	55.8
3	84.0	83.7
4	112.0	111.6
5	140.0	139.5
6	168.0	167.4
7	196.0	195.3
8	224.0	223.2
9	252.0	251.1

	278	277
1	27.8	27.7
2	55.6	55.4
3	83.4	83.1
4	111.2	110.8
5	139.0	138.5
6	166.8	166.2
7	194.6	193.9
8	222.4	221.6
9	250.2	249.3

	276	275
1	27.6	27.5
2	55.2	55.0
3	82.8	82.5
4	110.4	110.0
5	138.0	137.5
6	165.6	165.0
7	193.2	192.5
8	220.8	220.0
9	248.4	247.5

	274	273
1	27.4	27.3
2	54.8	54.6
3	82.2	81.9
4	109.6	109.2
5	137.0	136.5
6	164.4	163.8
7	191.8	191.1
8	219.2	218.4
9	246.6	245.7

	272	271
1	27.2	27.1
2	54.4	54.2
3	81.6	81.3
4	108.8	108.4
5	136.0	135.5
6	163.2	162.6
7	190.4	189.7
8	217.6	216.8
9	244.8	243.9

88°.450 — 88°.400

1°.600 — 1°.650

1°	sin	d	tang	d	cotg	cos	d		P.P.
.600	8.445 941		8.446 110		1.553 890	9.999 831		**.400**	
		271		272			1		
601	8.446 212		8.446 382		1.553 618	9.999 830		399	
		271		271			0		
602	8.446 483		8.446 653		1.553 347	9.999 830		398	
		271		271			0		
603	8.446 754		8.446 924		1.553 076	9.999 830		397	
		271		271			0		
604	8.447 025		8.447 195		1.552 805	9.999 830		396	
		271		271			0		
605	8.447 296		8.447 466		1.552 534	9.999 830		395	
		270		271			1		
606	8.447 566		8.447 737		1.552 263	9.999 829		394	
		270		270			0		
607	8.447 836		8.448 007		1.551 993	9.999 829		393	
		270		270			0		
608	8.448 106		8.448 277		1.551 723	9.999 829		392	
		270		271			0		
609	8.448 376		8.448 548		1.551 452	9.999 829		391	
		270		270			0		
.610	8.448 646		8.448 818		1.551 182	9.999 829		**.390**	
		270		269			1		
611	8.448 916		8.449 087		1.550 913	9.999 828		389	
		269		270			0		
612	8.449 185		8.449 357		1.550 643	9.999 828		388	
		269		269			0		
613	8.449 454		8.449 626		1.550 374	9.999 828		387	
		269		270			0		
614	8.449 723		8.449 896		1.550 104	9.999 828		386	
		269		269			1		
615	8.449 992		8.450 165		1.549 835	9.999 827		385	
		269		269			0		
616	8.450 261		8.450 434		1.549 566	9.999 827		384	
		269		269			0		
617	8.450 530		8.450 703		1.549 297	9.999 827		383	
		268		268			0		
618	8.450 798		8.450 971		1.549 029	9.999 827		382	
		268		269			0		
619	8.451 066		8.451 240		1.548 760	9.999 827		381	
		269		268			1		
.620	8.451 335		8.451 508		1.548 492	9.999 826		**.380**	
		267		268			0		
621	8.451 602		8.451 776		1.548 224	9.999 826		379	
		268		268			0		
622	8.451 870		8.452 044		1.547 956	9.999 826		378	
		268		268			0		
623	8.452 138		8.452 312		1.547 688	9.999 826		377	
		267		268			0		
624	8.452 405		8.452 580		1.547 420	9.999 826		376	
		268		267			1		
625	8.452 673		8.452 847		1.547 153	9.999 825		375	
		267		268			0		
626	8.452 940		8.453 115		1.546 885	9.999 825		374	
		267		267			0		
627	8.453 207		8.453 382		1.546 618	9.999 825		373	
		266		267			0		
628	8.453 473		8.453 649		1.546 351	9.999 825		372	
		267		266			1		
629	8.453 740		8.453 915		1.546 085	9.999 824		371	
		266		267			0		
.630	8.454 006		8.454 182		1.545 818	9.999 824		**.370**	
		267		267			0		
631	8.454 273		8.454 449		1.545 551	9.999 824		369	
		266		266			0		
632	8.454 539		8.454 715		1.545 285	9.999 824		368	
		266		266			0		
633	8.454 805		8.454 981		1.545 019	9.999 824		367	
		266		266			1		
634	8.455 071		8.455 247		1.544 753	9.999 823		366	
		265		266			0		
635	8.455 336		8.455 513		1.544 487	9.999 823		365	
		266		266			0		
636	8.455 602		8.455 779		1.544 221	9.999 823		364	
		265		265			0		
637	8.455 867		8.456 044		1.543 956	9.999 823		363	
		265		266			0		
638	8.456 132		8.456 310		1.543 690	9.999 823		362	
		265		265			1		
639	8.456 397		8.456 575		1.543 425	9.999 822		361	
		265		265			0		
.640	8.456 662		8.456 840		1.543 160	9.999 822		**.360**	
		265		265			0		
641	8.456 927		8.457 105		1.542 895	9.999 822		359	
		264		264			0		
642	8.457 191		8.457 369		1.542 631	9.999 822		358	
		264		265			1		
643	8.457 455		8.457 634		1.542 366	9.999 821		357	
		265		264			0		
644	8.457 720		8.457 898		1.542 102	9.999 821		356	
		264		265			0		
645	8.457 984		8.458 163		1.541 837	9.999 821		355	
		263		264			0		
646	8.458 247		8.458 427		1.541 573	9.999 821		354	
		264		264			0		
647	8.458 511		8.458 691		1.541 309	9.999 821		353	
		264		263			1		
648	8.458 775		8.458 954		1.541 046	9.999 820		352	
		263		264			0		
649	8.459 038		8.459 218		1.540 782	9.999 820		351	
		263		263			0		
.650	8.459 301		8.459 481		1.540 519	9.999 820		**.350**	
	cos	d	cotg	d	tang	sin	d	**88°**	P.P.

	272	271
1	27.2	27.1
2	54.4	54.2
3	81.6	81.3
4	108.8	108.4
5	136.0	135.5
6	163.2	162.6
7	190.4	189.7
8	217.6	216.8
9	244.8	243.9

	270	269
1	27.0	26.9
2	54.0	53.8
3	81.0	80.7
4	108.0	107.6
5	135.0	134.5
6	162.0	161.4
7	189.0	188.3
8	216.0	215.2
9	243.0	242.1

	268	267
1	26.8	26.7
2	53.6	53.4
3	80.4	80.1
4	107.2	106.8
5	134.0	133.5
6	160.8	160.2
7	187.6	186.9
8	214.4	213.6
9	241.2	240.3

	266	265
1	26.6	26.5
2	53.2	53.0
3	79.8	79.5
4	106.4	106.0
5	133.0	132.5
6	159.6	159.0
7	186.2	185.5
8	212.8	212.0
9	239.4	238.5

	264	263
1	26.4	26.3
2	52.8	52.6
3	79.2	78.9
4	105.6	105.2
5	132.0	131.5
6	158.4	157.8
7	184.8	184.1
8	211.2	210.4
9	237.6	236.7

88°.400 — 88°.350

1°.650 — 1°.700

1°	sin	d	tang	d	cotg	cos	d		P.P.
.650	8.459 301	263	8.459 481	264	1.540 519	9.999 820	0	**.350**	
651	8.459 564	263	8.459 745	263	1.540 255	9.999 820	1	349	
652	8.459 827	263	8.460 008	263	1.539 992	9.999 819	0	348	
653	8.460 090	263	8.460 271	263	1.539 729	9.999 819	0	347	
654	8.460 353	262	8.460 534	262	1.539 466	9.999 819	0	346	
655	8.460 615	262	8.460 796	263	1.539 204	9.999 819	0	345	
656	8.460 877	262	8.461 059	262	1.538 941	9.999 819	1	344	
657	8.461 139	262	8.461 321	262	1.538 679	9.999 818	0	343	
658	8.461 401	262	8.461 583	262	1.538 417	9.999 818	0	342	
659	8.461 663	262	8.461 845	262	1.538 155	9.999 818	0	341	
.660	8.461 925	261	8.462 107	262	1.537 893	9.999 818	1	**.340**	
661	8.462 186	261	8.462 369	261	1.537 631	9.999 817	0	339	
662	8.462 447	262	8.462 630	262	1.537 370	9.999 817	0	338	
663	8.462 709	261	8.462 892	261	1.537 108	9.999 817	0	337	
664	8.462 970	260	8.463 153	261	1.536 847	9.999 817	0	336	
665	8.463 230	261	8.463 414	261	1.536 586	9.999 817	1	335	
666	8.463 491	261	8.463 675	261	1.536 325	9.999 816	0	334	
667	8.463 752	260	8.463 936	260	1.536 064	9.999 816	0	333	
668	8.464 012	260	8.464 196	261	1.535 804	9.999 816	0	332	
669	8.464 272	260	8.464 457	260	1.535 543	9.999 816	1	331	
.670	8.464 532	260	8.464 717	260	1.535 283	9.999 815	0	**.330**	
671	8.464 792	260	8.464 977	260	1.535 023	9.999 815	0	329	
672	8.465 052	260	8.465 237	260	1.534 763	9.999 815	0	328	
673	8.465 312	259	8.465 497	259	1.534 503	9.999 815	0	327	
674	8.465 571	259	8.465 756	260	1.534 244	9.999 815	1	326	
675	8.465 830	259	8.466 016	259	1.533 984	9.999 814	0	325	
676	8.466 089	259	8.466 275	259	1.533 725	9.999 814	0	324	
677	8.466 348	259	8.466 534	260	1.533 466	9.999 814	0	323	
678	8.466 607	259	8.466 794	258	1.533 206	9.999 814	0	322	
679	8.466 866	258	8.467 052	259	1.532 948	9.999 814	1	321	
.680	8.467 124	259	8.467 311	259	1.532 689	9.999 813	0	**.320**	
681	8.467 383	258	8.467 570	258	1.532 430	9.999 813	0	319	
682	8.467 641	258	8.467 828	258	1.532 172	9.999 813	0	318	
683	8.467 899	258	8.468 086	259	1.531 914	9.999 813	1	317	
684	8.468 157	258	8.468 345	258	1.531 655	9.999 812	0	316	
685	8.468 415	257	8.468 603	257	1.531 397	9.999 812	0	315	
686	8.468 672	258	8.468 860	258	1.531 140	9.999 812	0	314	
687	8.468 930	257	8.469 118	257	1.530 882	9.999 812	1	313	
688	8.469 187	257	8.469 375	258	1.530 625	9.999 811	0	312	
689	8.469 444	257	8.469 633	257	1.530 367	9.999 811	0	311	
.690	8.469 701	257	8.469 890	257	1.530 110	9.999 811	0	**.310**	
691	8.469 958	257	8.470 147	257	1.529 853	9.999 811	0	309	
692	8.470 215	256	8.470 404	257	1.529 596	9.999 811	1	308	
693	8.470 471	256	8.470 661	256	1.529 339	9.999 810	0	307	
694	8.470 727	257	8.470 917	257	1.529 083	9.999 810	0	306	
695	8.470 984	256	8.471 174	256	1.528 826	9.999 810	0	305	
696	8.471 240	256	8.471 430	256	1.528 570	9.999 810	1	304	
697	8.471 496	255	8.471 686	256	1.528 314	9.999 809	0	303	
698	8.471 751	256	8.471 942	256	1.528 058	9.999 809	0	302	
699	8.472 007	256	8.472 198	256	1.527 802	9.999 809	0	301	
.700	8.472 263		8.472 454		1.527 546	9.999 809		**.300**	
	cos	d	cotg	d	tang	sin	d	**88°**	P.P.

	264	263
1	26.4	26.3
2	52.8	52.6
3	79.2	78.9
4	105.6	105.2
5	132.0	131.5
6	158.4	157.8
7	184.8	184.1
8	211.2	210.4
9	237.6	236.7

	262	261
1	26.2	26.1
2	52.4	52.2
3	78.6	78.3
4	104.8	104.4
5	131.0	130.5
6	157.2	156.6
7	183.4	182.7
8	209.6	208.8
9	235.8	234.9

	260	259
1	26.0	25.9
2	52.0	51.8
3	78.0	77.7
4	104.0	103.6
5	130.0	129.5
6	156.0	155.4
7	182.0	181.3
8	208.0	207.2
9	234.0	233.1

	258	257
1	25.8	25.7
2	51.6	51.4
3	77.4	77.1
4	103.2	102.8
5	129.0	128.5
6	154.8	154.2
7	180.6	179.9
8	206.4	205.6
9	232.2	231.3

	256	255
1	25.6	25.5
2	51.2	51.0
3	76.8	76.5
4	102.4	102.0
5	128.0	127.5
6	153.6	153.0
7	179.2	178.5
8	204.8	204.0
9	230.4	229.5

88°.350 — 88°.300

1°.700 — 1°.750

1°	sin	d	tang	d	cotg	cos	d		P.P.
.700	8.472 263	255	8.472 454	255	1.527 546	9.999 809	0	**.300**	
701	8.472 518	255	8.472 709	256	1.527 291	9.999 809	1	299	
702	8.472 773	255	8.472 965	255	1.527 035	9.999 808	0	298	
703	8.473 028	255	8.473 220	255	1.526 780	9.999 808	0	297	
704	8.473 283	255	8.473 475	255	1.526 525	9.999 808	0	296	
705	8.473 538	254	8.473 730	255	1.526 270	9.999 808	1	295	
706	8.473 792	255	8.473 985	254	1.526 015	9.999 807	0	294	
707	8.474 047	254	8.474 239	255	1.525 761	9.999 807	0	293	
708	8.474 301	254	8.474 494	254	1.525 506	9.999 807	0	292	
709	8.474 555	254	8.474 748	254	1.525 252	9.999 807	0	291	
.710	8.474 809	254	8.475 002	255	1.524 998	9.999 807	1	**.290**	
711	8.475 063	254	8.475 257	253	1.524 743	9.999 806	0	289	
712	8.475 317	253	8.475 510	254	1.524 490	9.999 806	0	288	
713	8.475 570	253	8.475 764	254	1.524 236	9.999 806	0	287	
714	8.475 823	254	8.476 018	253	1.523 982	9.999 806	1	286	
715	8.476 077	253	8.476 271	254	1.523 729	9.999 805	0	285	
716	8.476 330	253	8.476 525	253	1.523 475	9.999 805	0	284	
717	8.476 583	252	8.476 778	253	1.523 222	9.999 805	0	283	
718	8.476 835	253	8.477 031	253	1.522 969	9.999 805	0	282	
719	8.477 088	253	8.477 284	252	1.522 716	9.999 805	1	281	
.720	8.477 341	252	8.477 536	253	1.522 464	9.999 804	0	**.280**	
721	8.477 593	252	8.477 789	252	1.522 211	9.999 804	0	279	
722	8.477 845	252	8.478 041	253	1.521 959	9.999 804	0	278	
723	8.478 097	252	8.478 294	252	1.521 706	9.999 804	1	277	
724	8.478 349	252	8.478 546	252	1.521 454	9.999 803	0	276	
725	8.478 601	251	8.478 798	252	1.521 202	9.999 803	0	275	
726	8.478 852	252	8.479 050	251	1.520 950	9.999 803	0	274	
727	8.479 104	251	8.479 301	252	1.520 699	9.999 803	1	273	
728	8.479 355	251	8.479 553	251	1.520 447	9.999 802	0	272	
729	8.479 606	251	8.479 804	251	1.520 196	9.999 802	0	271	
.730	8.479 857	251	8.480 055	252	1.519 945	9.999 802	0	**.270**	
731	8.480 108	251	8.480 307	251	1.519 693	9.999 802	0	269	
732	8.480 359	251	8.480 558	250	1.519 442	9.999 802	1	268	
733	8.480 610	250	8.480 808	251	1.519 192	9.999 801	0	267	
734	8.480 860	250	8.481 059	251	1.518 941	9.999 801	0	266	
735	8.481 110	251	8.481 310	250	1.518 690	9.999 801	0	265	
736	8.481 361	250	8.481 560	250	1.518 440	9.999 801	1	264	
737	8.481 611	250	8.481 810	250	1.518 190	9.999 800	0	263	
738	8.481 861	249	8.482 060	250	1.517 940	9.999 800	0	262	
739	8.482 110	250	8.482 310	250	1.517 690	9.999 800	0	261	
.740	8.482 360	249	8.482 560	250	1.517 440	9.999 800	1	**.260**	
741	8.482 609	250	8.482 810	249	1.517 190	9.999 799	0	259	
742	8.482 859	249	8.483 059	250	1.516 941	9.999 799	0	258	
743	8.483 108	249	8.483 309	249	1.516 691	9.999 799	0	257	
744	8.483 357	249	8.483 558	249	1.516 442	9.999 799	0	256	
745	8.483 606	248	8.483 807	249	1.516 193	9.999 799	1	255	
746	8.483 854	249	8.484 056	249	1.515 944	9.999 798	0	254	
747	8.484 103	248	8.484 305	249	1.515 695	9.999 798	0	253	
748	8.484 351	249	8.484 554	248	1.515 446	9.999 798	0	252	
749	8.484 600	248	8.484 802	248	1.515 198	9.999 798	1	251	
.750	8.484 848		8.485 050		1.514 950	9.999 797		**.250**	
	cos	d	cotg	d	tang	sin	d	**88°**	P.P.

	256	255
1	25.6	25.5
2	51.2	51.0
3	76.8	76.5
4	102.4	102.0
5	128.0	127.5
6	153.6	153.0
7	179.2	178.5
8	204.8	204.0
9	230.4	229.5

	254	253
1	25.4	25.3
2	50.8	50.6
3	76.2	75.9
4	101.6	101.2
5	127.0	126.5
6	152.4	151.8
7	177.8	177.1
8	203.2	202.4
9	228.6	227.7

	252	251
1	25.2	25.1
2	50.4	50.2
3	75.6	75.3
4	100.8	100.4
5	126.0	125.5
6	151.2	150.6
7	176.4	175.7
8	201.6	200.8
9	226.8	225.9

	250	249
1	25.0	24.9
2	50.0	49.8
3	75.0	74.7
4	100.0	99.6
5	125.0	124.5
6	150.0	149.4
7	175.0	174.3
8	200.0	199.2
9	225.0	224.1

	248
1	24.8
2	49.6
3	74.4
4	99.2
5	124.0
6	148.8
7	173.6
8	198.4
9	223.2

88°.300 — 88°.250

1°.750 — 1°.800

1°	sin	d	tang	d	cotg	cos	d		P.P.
.750	8.484 848	248	8.485 050	249	1.514 950	9.999 797	0	**.250**	
751	8.485 096	248	8.485 299	248	1.514 701	9.999 797	0	249	
752	8.485 344	248	8.485 547	248	1.514 453	9.999 797	0	248	
753	8.485 592	247	8.485 795	248	1.514 205	9.999 797	1	247	
754	8.485 839	248	8.486 043	247	1.513 957	9.999 796	0	246	
755	8.486 087	247	8.486 290	248	1.513 710	9.999 796	0	245	
756	8.486 334	247	8.486 538	247	1.513 462	9.999 796	0	244	
757	8.486 581	247	8.486 785	248	1.513 215	9.999 796	0	243	
758	8.486 828	247	8.487 033	247	1.512 967	9.999 796	1	242	
759	8.487 075	247	8.487 280	247	1.512 720	9.999 795	0	241	
.760	8.487 322	246	8.487 527	247	1.512 473	9.999 795	0	**.240**	
761	8.487 568	247	8.487 774	246	1.512 226	9.999 795	0	239	
762	8.487 815	246	8.488 020	247	1.511 980	9.999 795	1	238	
763	8.488 061	246	8.488 267	246	1.511 733	9.999 794	0	237	
764	8.488 307	246	8.488 513	246	1.511 487	9.999 794	0	236	
765	8.488 553	246	8.488 759	247	1.511 241	9.999 794	0	235	
766	8.488 799	246	8.489 006	246	1.510 994	9.999 794	1	234	
767	8.489 045	246	8.489 252	246	1.510 748	9.999 793	0	233	
768	8.489 291	245	8.489 498	245	1.510 502	9.999 793	0	232	
769	8.489 536	246	8.489 743	246	1.510 257	9.999 793	0	231	
.770	8.489 782	245	8.489 989	245	1.510 011	9.999 793	0	**.230**	
771	8.490 027	245	8.490 234	246	1.509 766	9.999 793	1	229	
772	8.490 272	245	8.490 480	245	1.509 520	9.999 792	0	228	
773	8.490 517	245	8.490 725	245	1.509 275	9.999 792	0	227	
774	8.490 762	244	8.490 970	245	1.509 030	9.999 792	0	226	
775	8.491 006	245	8.491 215	244	1.508 785	9.999 792	1	225	
776	8.491 251	244	8.491 459	245	1.508 541	9.999 791	0	224	
777	8.491 495	244	8.491 704	245	1.508 296	9.999 791	0	223	
778	8.491 739	245	8.491 949	244	1.508 051	9.999 791	0	222	
779	8.491 984	244	8.492 193	244	1.507 807	9.999 791	1	221	
.780	8.492 228	243	8.492 437	244	1.507 563	9.999 790	0	**.220**	
781	8.492 471	244	8.492 681	244	1.507 319	9.999 790	0	219	
782	8.492 715	244	8.492 925	244	1.507 075	9.999 790	0	218	
783	8.492 959	243	8.493 169	244	1.506 831	9.999 790	1	217	
784	8.493 202	243	8.493 413	243	1.506 587	9.999 789	0	216	
785	8.493 445	243	8.493 656	244	1.506 344	9.999 789	0	215	
786	8.493 688	244	8.493 900	243	1.506 100	9.999 789	0	214	
787	8.493 932	242	8.494 143	243	1.505 857	9.999 789	1	213	
788	8.494 174	243	8.494 386	243	1.505 614	9.999 788	0	212	
789	8.494 417	243	8.494 629	243	1.505 371	9.999 788	0	211	
.790	8.494 660	242	8.494 872	242	1.505 128	9.999 788	0	**.210**	
791	8.494 902	243	8.495 114	243	1.504 886	9.999 788	0	209	
792	8.495 145	242	8.495 357	242	1.504 643	9.999 788	1	208	
793	8.495 387	242	8.495 599	243	1.504 401	9.999 787	0	207	
794	8.495 629	242	8.495 842	242	1.504 158	9.999 787	0	206	
795	8.495 871	242	8.496 084	242	1.503 916	9.999 787	0	205	
796	8.496 113	241	8.496 326	242	1.503 674	9.999 787	1	204	
797	8.496 354	242	8.496 568	242	1.503 432	9.999 786	0	203	
798	8.496 596	241	8.496 810	241	1.503 190	9.999 786	0	202	
799	8.496 837	241	8.497 051	242	1.502 949	9.999 786	0	201	
.800	8.497 078		8.497 293		1.502 707	9.999 786		**.200**	
	cos	d	cotg	d	tang	sin	d	88°	P.P.

	249	248
1	24.9	24.8
2	49.8	49.6
3	74.7	74.4
4	99.6	99.2
5	124.5	124.0
6	149.4	148.8
7	174.3	173.6
8	199.2	198.4
9	224.1	223.2

	247	246
1	24.7	24.6
2	49.4	49.2
3	74.1	73.8
4	98.8	98.4
5	123.5	123.0
6	148.2	147.6
7	172.9	172.2
8	197.6	196.8
9	222.3	221.4

	245	244
1	24.5	24.4
2	49.0	48.8
3	73.5	73.2
4	98.0	97.6
5	122.5	122.0
6	147.0	146.4
7	171.5	170.8
8	196.0	195.2
9	220.5	219.6

	243	242
1	24.3	24.2
2	48.6	48.4
3	72.9	72.6
4	97.2	96.8
5	121.5	121.0
6	145.8	145.2
7	170.1	169.4
8	194.4	193.6
9	218.7	217.8

	241
1	24.1
2	48.2
3	72.3
4	96.4
5	120.5
6	144.6
7	168.7
8	192.8
9	216.9

88°.250 — 88°.200

1°.800 — 1°.850

1°	sin	d	tang	d	cotg	cos	d		P.P.
.800	8.497 078		8.497 293		1.502 707	9.999 786		**.200**	
		242		241			1		
801	8.497 320		8.497 534		1.502 466	9.999 785		199	
		241		241			0		
802	8.497 561		8.497 775		1.502 225	9.999 785		198	
		240		241			0		
803	8.497 801		8.498 016		1.501 984	9.999 785		197	
		241		241			0		
804	8.498 042		8.498 257		1.501 743	9.999 785		196	
		241		241			1		
805	8.498 283		8.498 498		1.501 502	9.999 784		195	
		240		241			0		
806	8.498 523		8.498 739		1.501 261	9.999 784		194	
		241		241			0		
807	8.498 764		8.498 980		1.501 020	9.999 784		193	
		240		240			0		
808	8.499 004		8.499 220		1.500 780	9.999 784		192	
		240		240			1		
809	8.499 244		8.499 460		1.500 540	9.999 783		191	
		240		240			0		
.810	8.499 484		8.499 700		1.500 300	9.999 783		**.190**	
		240		240			0		
811	8.499 724		8.499 940		1.500 060	9.999 783		189	
		239		240			0		
812	8.499 963		8.500 180		1.499 820	9.999 783		188	
		240		240			0		
813	8.500 203		8.500 420		1.499 580	9.999 783		187	
		239		240			1		
814	8.500 442		8.500 660		1.499 340	9.999 782		186	
		239		239			0		
815	8.500 681		8.500 899		1.499 101	9.999 782		185	
		239		240			0		
816	8.500 920		8.501 139		1.498 861	9.999 782		184	
		239		239			0		
817	8.501 159		8.501 378		1.498 622	9.999 782		183	
		239		239			1		
818	8.501 398		8.501 617		1.498 383	9.999 781		182	
		239		239			0		
819	8.501 637		8.501 856		1.498 144	9.999 781		181	
		239		239			0		
.820	8.501 876		8.502 095		1.497 905	9.999 781		**.180**	
		238		239			0		
821	8.502 114		8.502 334		1.497 666	9.999 781		179	
		239		238			1		
822	8.502 353		8.502 572		1.497 428	9.999 780		178	
		238		239			0		
823	8.502 591		8.502 811		1.497 189	9.999 780		177	
		238		238			0		
824	8.502 829		8.503 049		1.496 951	9.999 780		176	
		238		238			0		
825	8.503 067		8.503 287		1.496 713	9.999 780		175	
		238		238			1		
826	8.503 305		8.503 525		1.496 475	9.999 779		174	
		237		238			0		
827	8.503 542		8.503 763		1.496 237	9.999 779		173	
		238		238			0		
828	8.503 780		8.504 001		1.495 999	9.999 779		172	
		237		238			0		
829	8.504 017		8.504 239		1.495 761	9.999 779		171	
		238		237			1		
.830	8.504 255		8.504 476		1.495 524	9.999 778		**.170**	
		237		238			0		
831	8.504 492		8.504 714		1.495 286	9.999 778		169	
		237		237			0		
832	8.504 729		8.504 951		1.495 049	9.999 778		168	
		237		237			0		
833	8.504 966		8.505 188		1.494 812	9.999 778		167	
		237		237			1		
834	8.505 203		8.505 425		1.494 575	9.999 777		166	
		236		237			0		
835	8.505 439		8.505 662		1.494 338	9.999 777		165	
		237		237			0		
836	8.505 676		8.505 899		1.494 101	9.999 777		164	
		236		236			0		
837	8.505 912		8.506 135		1.493 865	9.999 777		163	
		236		237			0		
838	8.506 148		8.506 372		1.493 628	9.999 777		162	
		237		236			1		
839	8.506 385		8.506 608		1.493 392	9.999 776		161	
		236		237			0		
.840	8.506 621		8.506 845		1.493 155	9.999 776		**.160**	
		235		236			0		
841	8.506 856		8.507 081		1.492 919	9.999 776		159	
		236		236			0		
842	8.507 092		8.507 317		1.492 683	9.999 776		158	
		236		236			1		
843	8.507 328		8.507 553		1.492 447	9.999 775		157	
		235		235			0		
844	8.507 563		8.507 788		1.492 212	9.999 775		156	
		236		236			0		
845	8.507 799		8.508 024		1.491 976	9.999 775		155	
		235		235			0		
846	8.508 034		8.508 259		1.491 741	9.999 775		154	
		235		236			1		
847	8.508 269		8.508 495		1.491 505	9.999 774		153	
		235		235			0		
848	8.508 504		8.508 730		1.491 270	9.999 774		152	
		235		235			0		
849	8.508 739		8.508 965		1.491 035	9.999 774		151	
		235		235			0		
.850	8.508 974		8.509 200		1.490 800	9.999 774		**.150**	
	cos	d	cotg	d	tang	sin	d	**88°**	P.P.

	242	241
1	24.2	24.1
2	48.4	48.2
3	72.6	72.3
4	96.8	96.4
5	121.0	120.5
6	145.2	144.6
7	169.4	168.7
8	193.6	192.8
9	217.8	216.9

	240	239
1	24.0	23.9
2	48.0	47.8
3	72.0	71.7
4	96.0	95.6
5	120.0	119.5
6	144.0	143.4
7	168.0	167.3
8	192.0	191.2
9	216.0	215.1

	238	237
1	23.8	23.7
2	47.6	47.4
3	71.4	71.1
4	95.2	94.8
5	119.0	118.5
6	142.8	142.2
7	166.6	165.9
8	190.4	189.6
9	214.2	213.3

	236	235
1	23.6	23.5
2	47.2	47.0
3	70.8	70.5
4	94.4	94.0
5	118.0	117.5
6	141.6	141.0
7	165.2	164.5
8	188.8	188.0
9	212.4	211.5

88°.200 — 88°.150

1°.850 — 1°.900

1°	sin	d	tang	d	cotg	cos	d		P.P.
.850	8.508 974	234	8.509 200	235	1.490 800	9.999 774	1	**.150**	
851	8.509 208	235	8.509 435	235	1.490 565	9.999 773	0	149	
852	8.509 443	234	8.509 670	234	1.490 330	9.999 773	0	148	
853	8.509 677	234	8.509 904	235	1.490 096	9.999 773	0	147	
854	8.509 911	234	8.510 139	234	1.489 861	9.999 773	1	146	
855	8.510 145	234	8.510 373	234	1.489 627	9.999 772	0	145	
856	8.510 379	234	8.510 607	234	1.489 393	9.999 772	0	144	
857	8.510 613	234	8.510 841	234	1.489 159	9.999 772	0	143	
858	8.510 847	234	8.511 075	234	1.488 925	9.999 772	1	142	
859	8.511 081	233	8.511 309	234	1.488 691	9.999 771	0	141	
.860	8.511 314	233	8.511 543	234	1.488 457	9.999 771	0	**.140**	
861	8.511 547	234	8.511 777	233	1.488 223	9.999 771	0	139	
862	8.511 781	233	8.512 010	233	1.487 990	9.999 771	1	138	
863	8.512 014	233	8.512 243	234	1.487 757	9.999 770	0	137	
864	8.512 247	233	8.512 477	233	1.487 523	9.999 770	0	136	
865	8.512 480	232	8.512 710	233	1.487 290	9.999 770	0	135	
866	8.512 712	233	8.512 943	232	1.487 057	9.999 770	1	134	
867	8.512 945	232	8.513 175	233	1.486 825	9.999 769	0	133	
868	8.513 177	233	8.513 408	233	1.486 592	9.999 769	0	132	
869	8.513 410	232	8.513 641	232	1.486 359	9.999 769	0	131	
.870	8.513 642	232	8.513 873	233	1.486 127	9.999 769	1	**.130**	
871	8.513 874	232	8.514 106	232	1.485 894	9.999 768	0	129	
872	8.514 106	232	8.514 338	232	1.485 662	9.999 768	0	128	
873	8.514 338	232	8.514 570	232	1.485 430	9.999 768	0	127	
874	8.514 570	231	8.514 802	232	1.485 198	9.999 768	1	126	
875	8.514 801	232	8.515 034	231	1.484 966	9.999 767	0	125	
876	8.515 033	231	8.515 265	232	1.484 735	9.999 767	0	124	
877	8.515 264	231	8.515 497	232	1.484 503	9.999 767	0	123	
878	8.515 495	231	8.515 729	231	1.484 271	9.999 767	1	122	
879	8.515 726	231	8.515 960	231	1.484 040	9.999 766	0	121	
.880	8.515 957	231	8.516 191	231	1.483 809	9.999 766	0	**.120**	
881	8.516 188	231	8.516 422	231	1.483 578	9.999 766	0	119	
882	8.516 419	231	8.516 653	231	1.483 347	9.999 766	1	118	
883	8.516 650	230	8.516 884	231	1.483 116	9.999 765	0	117	
884	8.516 880	230	8.517 115	230	1.482 885	9.999 765	0	116	
885	8.517 110	231	8.517 345	231	1.482 655	9.999 765	0	115	
886	8.517 341	230	8.517 576	230	1.482 424	9.999 765	1	114	
887	8.517 571	230	8.517 806	231	1.482 194	9.999 764	0	113	
888	8.517 801	230	8.518 037	230	1.481 963	9.999 764	0	112	
889	8.518 031	229	8.518 267	230	1.481 733	9.999 764	0	111	
.890	8.518 260	230	8.518 497	230	1.481 503	9.999 764	1	**.110**	
891	8.518 490	230	8.518 727	229	1.481 273	9.999 763	0	109	
892	8.518 720	229	8.518 956	230	1.481 044	9.999 763	0	108	
893	8.518 949	229	8.519 186	230	1.480 814	9.999 763	0	107	
894	8.519 178	229	8.519 416	229	1.480 584	9.999 763	1	106	
895	8.519 407	229	8.519 645	229	1.480 355	9.999 762	0	105	
896	8.519 636	229	8.519 874	229	1.480 126	9.999 762	0	104	
897	8.519 865	229	8.520 103	229	1.479 897	9.999 762	0	103	
898	8.520 094	229	8.520 332	229	1.479 668	9.999 762	1	102	
899	8.520 323	228	8.520 561	229	1.479 439	9.999 761	0	101	
.900	8.520 551		8.520 790		1.479 210	9.999 761		**.100**	
	cos	d	cotg	d	tang	sin	d	**88°**	P.P.

	235	234
1	23.5	23.4
2	47.0	46.8
3	70.5	70.2
4	94.0	93.6
5	117.5	117.0
6	141.0	140.4
7	164.5	163.8
8	188.0	187.2
9	211.5	210.6

	233	232
1	23.3	23.2
2	46.6	46.4
3	69.9	69.6
4	93.2	92.8
5	116.5	116.0
6	139.8	139.2
7	163.1	162.4
8	186.4	185.6
9	209.7	208.8

	231	230
1	23.1	23.0
2	46.2	46.0
3	69.3	69.0
4	92.4	92.0
5	115.5	115.0
6	138.6	138.0
7	161.7	161.0
8	184.8	184.0
9	207.9	207.0

	229	228
1	22.9	22.8
2	45.8	45.6
3	68.7	68.4
4	91.6	91.2
5	114.5	114.0
6	137.4	136.8
7	160.3	159.6
8	183.2	182.4
9	206.1	205.2

88°.150 — 88°.100

1°.900 — 1°.950

1°	sin	d	tang	d	cotg	cos	d		P.P.
.900	8.520 551		8.520 790		1.479 210	9.999 761		**.100**	
		229		229			0		
901	8.520 780		8.521 019		1.478 981	9.999 761		099	
		228		228			0		
902	8.521 008		8.521 247		1.478 753	9.999 761		098	
		228		229			1		
903	8.521 236		8.521 476		1.478 524	9.999 760		097	
		228		228			0		
904	8.521 464		8.521 704		1.478 296	9.999 760		096	
		228		228			0		
905	8.521 692		8.521 932		1.478 068	9.999 760		095	
		228		229			0		
906	8.521 920		8.522 161		1.477 839	9.999 760		094	
		228		227			1		
907	8.522 148		8.522 388		1.477 612	9.999 759		093	
		227		228			0		
908	8.522 375		8.522 616		1.477 384	9.999 759		092	
		228		228			0		
909	8.522 603		8.522 844		1.477 156	9.999 759		091	
		227		228			0		
.910	8.522 830		8.523 072		1.476 928	9.999 759		**.090**	
		228		227			1		
911	8.523 058		8.523 299		1.476 701	9.999 758		089	
		227		228			0		
912	8.523 285		8.523 527		1.476 473	9.999 758		088	
		227		227			0		
913	8.523 512		8.523 754		1.476 246	9.999 758		087	
		227		227			0		
914	8.523 739		8.523 981		1.476 019	9.999 758		086	
		226		227			1		
915	8.523 965		8.524 208		1.475 792	9.999 757		085	
		227		227			0		
916	8.524 192		8.524 435		1.475 565	9.999 757		084	
		226		227			0		
917	8.524 418		8.524 662		1.475 338	9.999 757		083	
		227		226			0		
918	8.524 645		8.524 888		1.475 112	9.999 757		082	
		226		227			1		
919	8.524 871		8.525 115		1.474 885	9.999 756		081	
		226		226			0		
.920	8.525 097		8.525 341		1.474 659	9.999 756		**.080**	
		226		227			0		
921	8.525 323		8.525 568		1.474 432	9.999 756		079	
		226		226			0		
922	8.525 549		8.525 794		1.474 206	9.999 756		078	
		226		226			1		
923	8.525 775		8.526 020		1.473 980	9.999 755		077	
		226		226			0		
924	8.526 001		8.526 246		1.473 754	9.999 755		076	
		225		226			0		
925	8.526 226		8.526 472		1.473 528	9.999 755		075	
		226		225			0		
926	8.526 452		8.526 697		1.473 303	9.999 755		074	
		225		226			1		
927	8.526 677		8.526 923		1.473 077	9.999 754		073	
		225		225			0		
928	8.526 902		8.527 148		1.472 852	9.999 754		072	
		226		226			0		
929	8.527 128		8.527 374		1.472 626	9.999 754		071	
		225		225			0		
.930	8.527 353		8.527 599		1.472 401	9.999 754		**.070**	
		224		225			1		
931	8.527 577		8.527 824		1.472 176	9.999 753		069	
		225		225			0		
932	8.527 802		8.528 049		1.471 951	9.999 753		068	
		225		225			0		
933	8.528 027		8.528 274		1.471 726	9.999 753		067	
		224		225			0		
934	8.528 251		8.528 499		1.471 501	9.999 753		066	
		225		224			1		
935	8.528 476		8.528 723		1.471 277	9.999 752		065	
		224		225			0		
936	8.528 700		8.528 948		1.471 052	9.999 752		064	
		224		224			0		
937	8.528 924		8.529 172		1.470 828	9.999 752		063	
		224		225			0		
938	8.529 148		8.529 397		1.470 603	9.999 752		062	
		224		224			1		
939	8.529 372		8.529 621		1.470 379	9.999 751		061	
		224		224			0		
.940	8.529 596		8.529 845		1.470 155	9.999 751		**.060**	
		224		224			0		
941	8.529 820		8.530 069		1.469 931	9.999 751		059	
		223		224			1		
942	8.530 043		8.530 293		1.469 707	9.999 750		058	
		224		224			0		
943	8.530 267		8.530 517		1.469 483	9.999 750		057	
		223		223			0		
944	8.530 490		8.530 740		1.469 260	9.999 750		056	
		224		224			0		
945	8.530 714		8.530 964		1.469 036	9.999 750		055	
		223		223			1		
946	8.530 937		8.531 187		1.468 813	9.999 749		054	
		223		224			0		
947	8.531 160		8.531 411		1.468 589	9.999 749		053	
		223		223			0		
948	8.531 383		8.531 634		1.468 366	9.999 749		052	
		222		223			0		
949	8.531 605		8.531 857		1.468 143	9.999 749		051	
		223		223			1		
.950	8.531 828		8.532 080		1.467 920	9.999 748		**.050**	
	cos	d	cotg	d	tang	sin	d	**88°**	P.P.

	229	228
1	22.9	22.8
2	45.8	45.6
3	68.7	68.4
4	91.6	91.2
5	114.5	114.0
6	137.4	136.8
7	160.3	159.6
8	183.2	182.4
9	206.1	205.2

	227	226
1	22.7	22.6
2	45.4	45.2
3	68.1	67.8
4	90.8	90.4
5	113.5	113.0
6	136.2	135.6
7	158.9	158.2
8	181.6	180.8
9	204.3	203.4

	225	224
1	22.5	22.4
2	45.0	44.8
3	67.5	67.2
4	90.0	89.6
5	112.5	112.0
6	135.0	134.4
7	157.5	156.8
8	180.0	179.2
9	202.5	201.6

	223	222
1	22.3	22.2
2	44.6	44.4
3	66.9	66.6
4	89.2	88.8
5	111.5	111.0
6	133.8	133.2
7	156.1	155.4
8	178.4	177.6
9	200.7	199.8

88°.100 — 88°.050

1°.950 — 2°.000

1°	sin	d	tang	d	cotg	cos	d		P.P.
.950	8.531 828	223	8.532 080	223	1.467 920	9.999 748	0	**.050**	
951	8.532 051	222	8.532 303	222	1.467 697	9.999 748	0	049	
952	8.532 273	223	8.532 525	223	1.467 475	9.999 748	0	048	
953	8.532 496	222	8.532 748	222	1.467 252	9.999 748	1	047	
954	8.532 718	222	8.532 970	223	1.467 030	9.999 747	0	046	
955	8.532 940	222	8.533 193	222	1.466 807	9.999 747	0	045	
956	8.533 162	222	8.533 415	222	1.466 585	9.999 747	0	044	
957	8.533 384	222	8.533 637	222	1.466 363	9.999 747	1	043	
958	8.533 606	221	8.533 859	222	1.466 141	9.999 746	0	042	
959	8.533 827	222	8.534 081	222	1.465 919	9.999 746	0	041	
.960	8.534 049	221	8.534 303	222	1.465 697	9.999 746	0	**.040**	
961	8.534 270	221	8.534 525	221	1.465 475	9.999 746	1	039	
962	8.534 491	222	8.534 746	222	1.465 254	9.999 745	0	038	
963	8.534 713	221	8.534 968	221	1.465 032	9.999 745	0	037	
964	8.534 934	221	8.535 189	221	1.464 811	9.999 745	0	036	
965	8.535 155	221	8.535 410	221	1.464 590	9.999 745	1	035	
966	8.535 376	220	8.535 631	221	1.464 369	9.999 744	0	034	
967	8.535 596	221	8.535 852	221	1.464 148	9.999 744	0	033	
968	8.535 817	221	8.536 073	221	1.463 927	9.999 744	0	032	
969	8.536 038	220	8.536 294	221	1.463 706	9.999 744	1	031	
.970	8.536 258	220	8.536 515	220	1.463 485	9.999 743	0	**.030**	
971	8.536 478	221	8.536 735	221	1.463 265	9.999 743	0	029	
972	8.536 699	220	8.536 956	220	1.463 044	9.999 743	1	028	
973	8.536 919	220	8.537 176	220	1.462 824	9.999 742	0	027	
974	8.537 139	219	8.537 396	221	1.462 604	9.999 742	0	026	
975	8.537 358	220	8.537 617	220	1.462 383	9.999 742	0	025	
976	8.537 578	220	8.537 837	219	1.462 163	9.999 742	1	024	
977	8.537 798	219	8.538 056	220	1.461 944	9.999 741	0	023	
978	8.538 017	220	8.538 276	220	1.461 724	9.999 741	0	022	
979	8.538 237	219	8.538 496	219	1.461 504	9.999 741	0	021	
.980	8.538 456	219	8.538 715	220	1.461 285	9.999 741	1	**.020**	
981	8.538 675	219	8.538 935	219	1.461 065	9.999 740	0	019	
982	8.538 894	219	8.539 154	220	1.460 846	9.999 740	0	018	
983	8.539 113	219	8.539 374	219	1.460 626	9.999 740	0	017	
984	8.539 332	219	8.539 593	219	1.460 407	9.999 740	1	016	
985	8.539 551	219	8.539 812	219	1.460 188	9.999 739	0	015	
986	8.539 770	218	8.540 031	218	1.459 969	9.999 739	0	014	
987	8.539 988	219	8.540 249	219	1.459 751	9.999 739	0	013	
988	8.540 207	218	8.540 468	219	1.459 532	9.999 739	1	012	
989	8.540 425	218	8.540 687	218	1.459 313	9.999 738	0	011	
.990	8.540 643	218	8.540 905	218	1.459 095	9.999 738	0	**.010**	
991	8.540 861	218	8.541 123	219	1.458 877	9.999 738	1	009	
992	8.541 079	218	8.541 342	218	1.458 658	9.999 737	0	008	
993	8.541 297	218	8.541 560	218	1.458 440	9.999 737	0	007	
994	8.541 515	218	8.541 778	218	1.458 222	9.999 737	0	006	
995	8.541 733	217	8.541 996	218	1.458 004	9.999 737	1	005	
996	8.541 950	217	8.542 214	217	1.457 786	9.999 736	0	004	
997	8.542 167	218	8.542 431	218	1.457 569	9.999 736	0	003	
998	8.542 385	217	8.542 649	217	1.457 351	9.999 736	0	002	
999	8.542 602	217	8.542 866	218	1.457 134	9.999 736	1	001	
***.000**	8.542 819		8.543 084		1.456 916	9.999 735		**.000**	
	cos	d	cotg	d	tang	sin	d	**88°**	P.P.

	223	222
1	22.3	22.2
2	44.6	44.4
3	66.9	66.6
4	89.2	88.8
5	111.5	111.0
6	133.8	133.2
7	156.1	155.4
8	178.4	177.6
9	200.7	199.8

	221	220
1	22.1	22.0
2	44.2	44.0
3	66.3	66.0
4	88.4	88.0
5	110.5	110.0
6	132.6	132.0
7	154.7	154.0
8	176.8	176.0
9	198.9	198.0

	219	218
1	21.9	21.8
2	43.8	43.6
3	65.7	65.4
4	87.6	87.2
5	109.5	109.0
6	131.4	130.8
7	153.3	152.6
8	175.2	174.4
9	197.1	196.2

	217
1	21.7
2	43.4
3	65.1
4	86.8
5	108.5
6	130.2
7	151.9
8	173.6
9	195.3

88°.050 — 88°.000

2°.000 — 2°.050

2°	sin	d	tang	d	cotg	cos	d		P.P.
.000	8.542 819	217	8.543 084	217	1.456 916	9.999 735	0	***000**	
001	8.543 036	217	8.543 301	217	1.456 699	9.999 735	0	999	
002	8.543 253	217	8.543 518	217	1.456 482	9.999 735	0	998	
003	8.543 470	217	8.543 735	217	1.456 265	9.999 735	1	997	
004	8.543 687	216	8.543 952	217	1.456 048	9.999 734	0	996	
005	8.543 903	217	8.544 169	217	1.455 831	9.999 734	0	995	
006	8.544 120	216	8.544 386	216	1.455 614	9.999 734	0	994	
007	8.544 336	216	8.544 602	217	1.455 398	9.999 734	1	993	
008	8.544 552	216	8.544 819	216	1.455 181	9.999 733	0	992	
009	8.544 768	216	8.545 035	217	1.454 965	9.999 733	0	991	
.010	8.544 984	216	8.545 252	216	1.454 748	9.999 733	1	**.990**	
011	8.545 200	216	8.545 468	216	1.454 532	9.999 732	0	989	
012	8.545 416	216	8.545 684	216	1.454 316	9.999 732	0	988	
013	8.545 632	215	8.545 900	216	1.454 100	9.999 732	0	987	
014	8.545 847	216	8.546 116	216	1.453 884	9.999 732	1	986	
015	8.546 063	215	8.546 332	215	1.453 668	9.999 731	0	985	
016	8.546 278	216	8.546 547	216	1.453 453	9.999 731	0	984	
017	8.546 494	215	8.546 763	215	1.453 237	9.999 731	0	983	
018	8.546 709	215	8.546 978	215	1.453 022	9.999 731	1	982	
019	8.546 924	215	8.547 193	216	1.452 807	9.999 730	0	981	
.020	8.547 139	215	8.547 409	215	1.452 591	9.999 730	0	**.980**	
021	8.547 354	214	8.547 624	215	1.452 376	9.999 730	0	979	
022	8.547 568	215	8.547 839	215	1.452 161	9.999 730	1	978	
023	8.547 783	215	8.548 054	215	1.451 946	9.999 729	0	977	
024	8.547 998	214	8.548 269	214	1.451 731	9.999 729	0	976	
025	8.548 212	214	8.548 483	215	1.451 517	9.999 729	1	975	
026	8.548 426	215	8.548 698	214	1.451 302	9.999 728	0	974	
027	8.548 641	214	8.548 912	215	1.451 088	9.999 728	0	973	
028	8.548 855	214	8.549 127	214	1.450 873	9.999 728	0	972	
029	8.549 069	214	8.549 341	214	1.450 659	9.999 728	1	971	
.030	8.549 283	213	8.549 555	214	1.450 445	9.999 727	0	**.970**	
031	8.549 496	214	8.549 769	214	1.450 231	9.999 727	0	969	
032	8.549 710	214	8.549 983	214	1.450 017	9.999 727	0	968	
033	8.549 924	213	8.550 197	214	1.449 803	9.999 727	1	967	
034	8.550 137	213	8.550 411	213	1.449 589	9.999 726	0	966	
035	8.550 350	214	8.550 624	214	1.449 376	9.999 726	0	965	
036	8.550 564	213	8.550 838	213	1.449 162	9.999 726	1	964	
037	8.550 777	213	8.551 051	214	1.448 949	9.999 725	0	963	
038	8.550 990	213	8.551 265	213	1.448 735	9.999 725	0	962	
039	8.551 203	213	8.551 478	213	1.448 522	9.999 725	0	961	
.040	8.551 416	213	8.551 691	213	1.448 309	9.999 725	1	**.960**	
041	8.551 629	212	8.551 904	213	1.448 096	9.999 724	0	959	
042	8.551 841	213	8.552 117	213	1.447 883	9.999 724	0	958	
043	8.552 054	212	8.552 330	213	1.447 670	9.999 724	0	957	
044	8.552 266	212	8.552 543	212	1.447 457	9.999 724	1	956	
045	8.552 478	213	8.552 755	213	1.447 245	9.999 723	0	955	
046	8.552 691	212	8.552 968	212	1.447 032	9.999 723	0	954	
047	8.552 903	212	8.553 180	212	1.446 820	9.999 723	0	953	
048	8.553 115	212	8.553 392	213	1.446 608	9.999 723	1	952	
049	8.553 327	212	8.553 605	212	1.446 395	9.999 722	0	951	
.050	8.553 539		8.553 817		1.446 183	9.999 722		**.950**	
	cos	d	cotg	d	tang	sin	d	**87°**	P.P.

	217	216
1	21.7	21.6
2	43.4	43.2
3	65.1	64.8
4	86.8	86.4
5	108.5	108.0
6	130.2	129.6
7	151.9	151.2
8	173.6	172.8
9	195.3	194.4

	215	214
1	21.5	21.4
2	43.0	42.8
3	64.5	64.2
4	86.0	85.6
5	107.5	107.0
6	129.0	128.4
7	150.5	149.8
8	172.0	171.2
9	193.5	192.6

	213	212
1	21.3	21.2
2	42.6	42.4
3	63.9	63.6
4	85.2	84.8
5	106.5	106.0
6	127.8	127.2
7	149.1	148.4
8	170.4	169.6
9	191.7	190.8

88°.000 — 87°.950

2°.050 — 2°.100

2°	sin	d	tang	d	cotg	cos	d		P.P.
.050	8.553 539	211	8.553 817	212	1.446 183	9.999 722	0	**.950**	
051	8.553 750	212	8.554 029	211	1.445 971	9.999 722	1	949	
052	8.553 962	211	8.554 240	212	1.445 760	9.999 721	0	948	
053	8.554 173	212	8.554 452	212	1.445 548	9.999 721	0	947	
054	8.554 385	211	8.554 664	211	1.445 336	9.999 721	0	946	
055	8.554 596	211	8.554 875	212	1.445 125	9.999 721	1	945	
056	8.554 807	211	8.555 087	211	1.444 913	9.999 720	0	944	
057	8.555 018	211	8.555 298	212	1.444 702	9.999 720	0	943	
058	8.555 229	211	8.555 510	211	1.444 490	9.999 720	0	942	
059	8.555 440	211	8.555 721	211	1.444 279	9.999 720	1	941	
.060	8.555 651	211	8.555 932	211	1.444 068	9.999 719	0	**.940**	
061	8.555 862	210	8.556 143	211	1.443 857	9.999 719	0	939	
062	8.556 072	211	8.556 354	210	1.443 646	9.999 719	1	938	
063	8.556 283	210	8.556 564	211	1.443 436	9.999 718	0	937	
064	8.556 493	210	8.556 775	211	1.443 225	9.999 718	0	936	
065	8.556 703	211	8.556 986	210	1.443 014	9.999 718	0	935	
066	8.556 914	210	8.557 196	210	1.442 804	9.999 718	1	934	
067	8.557 124	210	8.557 406	211	1.442 594	9.999 717	0	933	
068	8.557 334	209	8.557 617	210	1.442 383	9.999 717	0	932	
069	8.557 543	210	8.557 827	210	1.442 173	9.999 717	0	931	
.070	8.557 753	210	8.558 037	210	1.441 963	9.999 717	1	**.930**	
071	8.557 963	209	8.558 247	209	1.441 753	9.999 716	0	929	
072	8.558 172	210	8.558 456	210	1.441 544	9.999 716	0	928	
073	8.558 382	209	8.558 666	210	1.441 334	9.999 716	1	927	
074	8.558 591	210	8.558 876	209	1.441 124	9.999 715	0	926	
075	8.558 801	209	8.559 085	210	1.440 915	9.999 715	0	925	
076	8.559 010	209	8.559 295	209	1.440 705	9.999 715	0	924	
077	8.559 219	209	8.559 504	209	1.440 496	9.999 715	1	923	
078	8.559 428	209	8.559 713	210	1.440 287	9.999 714	0	922	
079	8.559 637	208	8.559 923	209	1.440 077	9.999 714	0	921	
.080	8.559 845	209	8.560 132	208	1.439 868	9.999 714	1	**.920**	
081	8.560 054	209	8.560 340	209	1.439 660	9.999 713	0	919	
082	8.560 263	208	8.560 549	209	1.439 451	9.999 713	0	918	
083	8.560 471	208	8.560 758	209	1.439 242	9.999 713	0	917	
084	8.560 679	209	8.560 967	208	1.439 033	9.999 713	1	916	
085	8.560 888	208	8.561 175	209	1.438 825	9.999 712	0	915	
086	8.561 096	208	8.561 384	208	1.438 616	9.999 712	0	914	
087	8.561 304	208	8.561 592	208	1.438 408	9.999 712	0	913	
088	8.561 512	208	8.561 800	208	1.438 200	9.999 712	1	912	
089	8.561 720	207	8.562 008	208	1.437 992	9.999 711	0	911	
.090	8.561 927	208	8.562 216	208	1.437 784	9.999 711	0	**.910**	
091	8.562 135	208	8.562 424	208	1.437 576	9.999 711	1	909	
092	8.562 343	207	8.562 632	208	1.437 368	9.999 710	0	908	
093	8.562 550	207	8.562 840	207	1.437 160	9.999 710	0	907	
094	8.562 757	208	8.563 047	208	1.436 953	9.999 710	0	906	
095	8.562 965	207	8.563 255	207	1.436 745	9.999 710	1	905	
096	8.563 172	207	8.563 462	208	1.436 538	9.999 709	0	904	
097	8.563 379	207	8.563 670	207	1.436 330	9.999 709	0	903	
098	8.563 586	207	8.563 877	207	1.436 123	9.999 709	0	902	
099	8.563 793	206	8.564 084	207	1.435 916	9.999 709	1	901	
.100	8.563 999		8.564 291		1.435 709	9.999 708		**.900**	
	cos	d	cotg	d	tang	sin	d	**87°**	P.P.

	212	211
1	21.2	21.1
2	42.4	42.2
3	63.6	63.3
4	84.8	84.4
5	106.0	105.5
6	127.2	126.6
7	148.4	147.7
8	169.6	168.8
9	190.8	189.9

	210	209
1	21.0	20.9
2	42.0	41.8
3	63.0	62.7
4	84.0	83.6
5	105.0	104.5
6	126.0	125.4
7	147.0	146.3
8	168.0	167.2
9	189.0	188.1

	208	207
1	20.8	20.7
2	41.6	41.4
3	62.4	62.1
4	83.2	82.8
5	104.0	103.5
6	124.8	124.2
7	145.6	144.9
8	166.4	165.6
9	187.2	186.3

	206
1	20.6
2	41.2
3	61.8
4	82.4
5	103.0
6	123.6
7	144.2
8	164.8
9	185.4

87°.950 — 87°.900

2°.100 — 2°.150

2°	sin	d	tang	d	cotg	cos	d		P.P.
.100	8.563 999	207	8.564 291	207	1.435 709	9.999 708	0	.900	
101	8.564 206	207	8.564 498	207	1.435 502	9.999 708	0	899	
102	8.564 413	206	8.564 705	207	1.435 295	9.999 708	1	898	
103	8.564 619	206	8.564 912	206	1.435 088	9.999 707	0	897	
104	8.564 825	207	8.565 118	207	1.434 882	9.999 707	0	896	
105	8.565 032	206	8.565 325	206	1.434 675	9.999 707	0	895	
106	8.565 238	206	8.565 531	207	1.434 469	9.999 707	1	894	
107	8.565 444	206	8.565 738	206	1.434 262	9.999 706	0	893	
108	8.565 650	206	8.565 944	206	1.434 056	9.999 706	0	892	
109	8.565 856	206	8.566 150	206	1.433 850	9.999 706	1	891	
.110	8.566 062	205	8.566 356	206	1.433 644	9.999 705	0	.890	
111	8.566 267	206	8.566 562	206	1.433 438	9.999 705	0	889	
112	8.566 473	205	8.566 768	206	1.433 232	9.999 705	0	888	
113	8.566 678	206	8.566 974	205	1.433 026	9.999 705	1	887	
114	8.566 884	205	8.567 179	206	1.432 821	9.999 704	0	886	
115	8.567 089	205	8.567 385	206	1.432 615	9.999 704	0	885	
116	8.567 294	205	8.567 591	205	1.432 409	9.999 704	1	884	
117	8.567 499	205	8.567 796	205	1.432 204	9.999 703	0	883	
118	8.567 704	205	8.568 001	205	1.431 999	9.999 703	0	882	
119	8.567 909	205	8.568 206	205	1.431 794	9.999 703	0	881	
.120	8.568 114	205	8.568 411	205	1.431 589	9.999 703	1	.880	
121	8.568 319	204	8.568 616	205	1.431 384	9.999 702	0	879	
122	8.568 523	205	8.568 821	205	1.431 179	9.999 702	0	878	
123	8.568 728	204	8.569 026	205	1.430 974	9.999 702	1	877	
124	8.568 932	205	8.569 231	204	1.430 769	9.999 702	0	876	
125	8.569 137	204	8.569 435	205	1.430 565	9.999 701	0	875	
126	8.569 341	204	8.569 640	204	1.430 360	9.999 701	0	874	
127	8.569 545	204	8.569 844	205	1.430 156	9.999 701	1	873	
128	8.569 749	204	8.570 049	204	1.429 951	9.999 700	0	872	
129	8.569 953	204	8.570 253	204	1.429 747	9.999 700	0	871	
.130	8.570 157	204	8.570 457	204	1.429 543	9.999 700	0	.870	
131	8.570 361	203	8.570 661	204	1.429 339	9.999 700	1	869	
132	8.570 564	204	8.570 865	204	1.429 135	9.999 699	0	868	
133	8.570 768	203	8.571 069	204	1.428 931	9.999 699	0	867	
134	8.570 971	204	8.571 273	203	1.428 727	9.999 699	1	866	
135	8.571 175	203	8.571 476	204	1.428 524	9.999 698	0	865	
136	8.571 378	203	8.571 680	203	1.428 320	9.999 698	0	864	
137	8.571 581	203	8.571 883	204	1.428 117	9.999 698	0	863	
138	8.571 784	203	8.572 087	203	1.427 913	9.999 698	1	862	
139	8.571 987	203	8.572 290	203	1.427 710	9.999 697	0	861	
.140	8.572 190	203	8.572 493	203	1.427 507	9.999 697	0	.860	
141	8.572 393	203	8.572 696	203	1.427 304	9.999 697	1	859	
142	8.572 596	202	8.572 899	203	1.427 101	9.999 696	0	858	
143	8.572 798	203	8.573 102	203	1.426 898	9.999 696	0	857	
144	8.573 001	202	8.573 305	203	1.426 695	9.999 696	0	856	
145	8.573 203	203	8.573 508	202	1.426 492	9.999 696	1	855	
146	8.573 406	202	8.573 710	203	1.426 290	9.999 695	0	854	
147	8.573 608	202	8.573 913	202	1.426 087	9.999 695	0	853	
148	8.573 810	202	8.574 115	203	1.425 885	9.999 695	1	852	
149	8.574 012	202	8.574 318	202	1.425 682	9.999 694	0	851	
.150	8.574 214		8.574 520		1.425 480	9.999 694		.850	
	cos	d	cotg	d	tang	sin	d	87°	P.P.

	207	206
1	20.7	20.6
2	41.4	41.2
3	62.1	61.8
4	82.8	82.4
5	103.5	103.0
6	124.2	123.6
7	144.9	144.2
8	165.6	164.8
9	186.3	185.4

	205	204
1	20.5	20.4
2	41.0	40.8
3	61.5	61.2
4	82.0	81.6
5	102.5	102.0
6	123.0	122.4
7	143.5	142.8
8	164.0	163.2
9	184.5	183.6

	203	202
1	20.3	20.2
2	40.6	40.4
3	60.9	60.6
4	81.2	80.8
5	101.5	101.0
6	121.8	121.2
7	142.1	141.4
8	162.4	161.6
9	182.7	181.8

87°.900 — 87°.850

2°.150 — 2°.200

2°	sin	d	tang	d	cotg	cos	d		P.P.
.150	8.574 214	202	8.574 520	202	1.425 480	9.999 694	0	**.850**	
151	8.574 416	202	8.574 722	202	1.425 278	9.999 694	0	849	
152	8.574 618	201	8.574 924	202	1.425 076	9.999 694	1	848	
153	8.574 819	202	8.575 126	202	1.424 874	9.999 693	0	847	
154	8.575 021	201	8.575 328	202	1.424 672	9.999 693	0	846	
155	8.575 222	202	8.575 530	201	1.424 470	9.999 693	1	845	
156	8.575 424	201	8.575 731	202	1.424 269	9.999 692	0	844	
157	8.575 625	201	8.575 933	201	1.424 067	9.999 692	0	843	
158	8.575 826	201	8.576 134	202	1.423 866	9.999 692	0	842	
159	8.576 027	201	8.576 336	201	1.423 664	9.999 692	1	841	
.160	8.576 228	201	8.576 537	201	1.423 463	9.999 691	0	**.840**	
161	8.576 429	201	8.576 738	201	1.423 262	9.999 691	0	839	
162	8.576 630	201	8.576 939	201	1.423 061	9.999 691	1	838	
163	8.576 831	200	8.577 140	201	1.422 860	9.999 690	0	837	
164	8.577 031	201	8.577 341	201	1.422 659	9.999 690	0	836	
165	8.577 232	200	8.577 542	201	1.422 458	9.999 690	1	835	
166	8.577 432	201	8.577 743	200	1.422 257	9.999 690	0	834	
167	8.577 633	200	8.577 943	201	1.422 057	9.999 689	0	833	
168	8.577 833	200	8.578 144	200	1.421 856	9.999 689	1	832	
169	8.578 033	200	8.578 344	201	1.421 656	9.999 689	0	831	
.170	8.578 233	200	8.578 545	200	1.421 455	9.999 688	0	**.830**	
171	8.578 433	200	8.578 745	200	1.421 255	9.999 688	0	829	
172	8.578 633	200	8.578 945	200	1.421 055	9.999 688	1	828	
173	8.578 833	200	8.579 145	200	1.420 855	9.999 688	0	827	
174	8.579 033	199	8.579 345	200	1.420 655	9.999 687	0	826	
175	8.579 232	200	8.579 545	200	1.420 455	9.999 687	1	825	
176	8.579 432	199	8.579 745	200	1.420 255	9.999 687	0	824	
177	8.579 631	200	8.579 945	200	1.420 055	9.999 686	0	823	
178	8.579 831	199	8.580 145	199	1.419 855	9.999 686	0	822	
179	8.580 030	199	8.580 344	200	1.419 656	9.999 686	1	821	
.180	8.580 229	199	8.580 544	199	1.419 456	9.999 686	0	**.820**	
181	8.580 428	199	8.580 743	199	1.419 257	9.999 685	0	819	
182	8.580 627	199	8.580 942	199	1.419 058	9.999 685	0	818	
183	8.580 826	199	8.581 141	199	1.418 859	9.999 685	1	817	
184	8.581 025	199	8.581 340	199	1.418 660	9.999 684	0	816	
185	8.581 224	198	8.581 539	199	1.418 461	9.999 684	0	815	
186	8.581 422	199	8.581 738	199	1.418 262	9.999 684	0	814	
187	8.581 621	198	8.581 937	199	1.418 063	9.999 684	1	813	
188	8.581 819	198	8.582 136	199	1.417 864	9.999 683	0	812	
189	8.582 017	199	8.582 335	198	1.417 665	9.999 683	0	811	
.190	8.582 216	198	8.582 533	199	1.417 467	9.999 683	1	**.810**	
191	8.582 414	198	8.582 732	198	1.417 268	9.999 682	0	809	
192	8.582 612	198	8.582 930	198	1.417 070	9.999 682	0	808	
193	8.582 810	198	8.583 128	198	1.416 872	9.999 682	0	807	
194	8.583 008	198	8.583 326	198	1.416 674	9.999 682	1	806	
195	8.583 206	197	8.583 524	198	1.416 476	9.999 681	0	805	
196	8.583 403	198	8.583 722	198	1.416 278	9.999 681	0	804	
197	8.583 601	198	8.583 920	198	1.416 080	9.999 681	1	803	
198	8.583 799	197	8.584 118	198	1.415 882	9.999 680	0	802	
199	8.583 996	197	8.584 316	198	1.415 684	9.999 680	0	801	
.200	8.584 193		8.584 514		1.415 486	9.999 680		**.800**	
	cos	d	cotg	d	tang	sin	d	**87°**	P.P.

	202	201
1	20.2	20.1
2	40.4	40.2
3	60.6	60.3
4	80.8	80.4
5	101.0	100.5
6	121.2	120.6
7	141.4	140.7
8	161.6	160.8
9	181.8	180.9

	200	199
1	20.0	19.9
2	40.0	39.8
3	60.0	59.7
4	80.0	79.6
5	100.0	99.5
6	120.0	119.4
7	140.0	139.3
8	160.0	159.2
9	180.0	179.1

	198	197
1	19.8	19.7
2	39.6	39.4
3	59.4	59.1
4	79.2	78.8
5	99.0	98.5
6	118.8	118.2
7	138.6	137.9
8	158.4	157.6
9	178.2	177.3

87°.850 — 87°.800

2°.200 — 2°.250

2°	sin	d	tang	d	cotg	cos	d		P.P.
.200	8.584 193	198	8.584 514	197	1.415 486	9.999 680	1	**.800**	
201	8.584 391	197	8.584 711	198	1.415 289	9.999 679	0	799	
202	8.584 588	197	8.584 909	197	1.415 091	9.999 679	0	798	
203	8.584 785	197	8.585 106	197	1.414 894	9.999 679	0	797	
204	8.584 982	197	8.585 303	197	1.414 697	9.999 679	1	796	
205	8.585 179	197	8.585 500	198	1.414 500	9.999 678	0	795	
206	8.585 376	196	8.585 698	197	1.414 302	9.999 678	0	794	
207	8.585 572	197	8.585 895	197	1.414 105	9.999 678	1	793	
208	8.585 769	196	8.586 092	196	1.413 908	9.999 677	0	792	
209	8.585 965	197	8.586 288	197	1.413 712	9.999 677	0	791	
.210	8.586 162	196	8.586 485	197	1.413 515	9.999 677	0	**.790**	
211	8.586 358	197	8.586 682	196	1.413 318	9.999 677	1	789	
212	8.586 555	196	8.586 878	197	1.413 122	9.999 676	0	788	
213	8.586 751	196	8.587 075	196	1.412 925	9.999 676	0	787	
214	8.586 947	196	8.587 271	197	1.412 729	9.999 676	1	786	
215	8.587 143	196	8.587 468	196	1.412 532	9.999 675	0	785	
216	8.587 339	196	8.587 664	196	1.412 336	9.999 675	0	784	
217	8.587 535	195	8.587 860	196	1.412 140	9.999 675	0	783	
218	8.587 730	196	8.588 056	196	1.411 944	9.999 675	1	782	
219	8.587 926	196	8.588 252	196	1.411 748	9.999 674	0	781	
.220	8.588 122	195	8.588 448	196	1.411 552	9.999 674	0	**.780**	
221	8.588 317	196	8.588 644	195	1.411 356	9.999 674	1	779	
222	8.588 513	195	8.588 839	196	1.411 161	9.999 673	0	778	
223	8.588 708	195	8.589 035	195	1.410 965	9.999 673	0	777	
224	8.588 903	195	8.589 230	196	1.410 770	9.999 673	1	776	
225	8.589 098	195	8.589 426	195	1.410 574	9.999 672	0	775	
226	8.589 293	195	8.589 621	195	1.410 379	9.999 672	0	774	
227	8.589 488	195	8.589 816	196	1.410 184	9.999 672	0	773	
228	8.589 683	195	8.590 012	195	1.409 988	9.999 672	1	772	
229	8.589 878	195	8.590 207	195	1.409 793	9.999 671	0	771	
.230	8.590 073	194	8.590 402	195	1.409 598	9.999 671	0	**.770**	
231	8.590 267	195	8.590 597	194	1.409 403	9.999 671	1	769	
232	8.590 462	194	8.590 791	195	1.409 209	9.999 670	0	768	
233	8.590 656	194	8.590 986	195	1.409 014	9.999 670	0	767	
234	8.590 850	195	8.591 181	194	1.408 819	9.999 670	1	766	
235	8.591 045	194	8.591 375	195	1.408 625	9.999 669	0	765	
236	8.591 239	194	8.591 570	194	1.408 430	9.999 669	0	764	
237	8.591 433	194	8.591 764	194	1.408 236	9.999 669	0	763	
238	8.591 627	194	8.591 958	195	1.408 042	9.999 669	1	762	
239	8.591 821	194	8.592 153	194	1.407 847	9.999 668	0	761	
.240	8.592 015	193	8.592 347	194	1.407 653	9.999 668	0	**.760**	
241	8.592 208	194	8.592 541	194	1.407 459	9.999 668	1	759	
242	8.592 402	194	8.592 735	194	1.407 265	9.999 667	0	758	
243	8.592 596	193	8.592 929	193	1.407 071	9.999 667	0	757	
244	8.592 789	194	8.593 122	194	1.406 878	9.999 667	0	756	
245	8.592 983	193	8.593 316	194	1.406 684	9.999 667	1	755	
246	8.593 176	193	8.593 510	193	1.406 490	9.999 666	0	754	
247	8.593 369	193	8.593 703	194	1.406 297	9.999 666	0	753	
248	8.593 562	193	8.593 897	193	1.406 103	9.999 666	1	752	
249	8.593 755	193	8.594 090	193	1.405 910	9.999 665	0	751	
.250	8.593 948		8.594 283		1.405 717	9.999 665		**.750**	
	cos	d	cotg	d	tang	sin	d	**87°**	P.P.

	198	197
1	19.8	19.7
2	39.6	39.4
3	59.4	59.1
4	79.2	78.8
5	99.0	98.5
6	118.8	118.2
7	138.6	137.9
8	158.4	157.6
9	178.2	177.3

	196	195
1	19.6	19.5
2	39.2	39.0
3	58.8	58.5
4	78.4	78.0
5	98.0	97.5
6	117.6	117.0
7	137.2	136.5
8	156.8	156.0
9	176.4	175.5

	194	193
1	19.4	19.3
2	38.8	38.6
3	58.2	57.9
4	77.6	77.2
5	97.0	96.5
6	116.4	115.8
7	135.8	135.1
8	155.2	154.4
9	174.6	173.7

87°.800 — 87°.750

2°.250 — 2°.300

2°	sin	d	tang	d	cotg	cos	d		P.P.
.250	8.593 948		8.594 283		1.405 717	9.999 665		**.750**	
		193		193			0		
251	8.594 141		8.594 476		1.405 524	9.999 665		749	
		193		193			1		
252	8.594 334		8.594 669		1.405 331	9.999 664		748	
		193		193			0		
253	8.594 527		8.594 862		1.405 138	9.999 664		747	
		192		193			0		
254	8.594 719		8.595 055		1.404 945	9.999 664		746	
		193		193			0		
255	8.594 912		8.595 248		1.404 752	9.999 664		745	
		192		193			1		
256	8.595 104		8.595 441		1.404 559	9.999 663		744	
		193		193			0		
257	8.595 297		8.595 634		1.404 366	9.999 663		743	
		192		192			0		
258	8.595 489		8.595 826		1.404 174	9.999 663		742	
		192		193			1		
259	8.595 681		8.596 019		1.403 981	9.999 662		741	
		192		192			0		
.260	8.595 873		8.596 211		1.403 789	9.999 662		**.740**	
		192		192			0		
261	8.596 065		8.596 403		1.403 597	9.999 662		739	
		192		193			1		
262	8.596 257		8.596 596		1.403 404	9.999 661		738	
		192		192			0		
263	8.596 449		8.596 788		1.403 212	9.999 661		737	
		192		192			0		
264	8.596 641		8.596 980		1.403 020	9.999 661		736	
		191		192			0		
265	8.596 832		8.597 172		1.402 828	9.999 661		735	
		192		192			1		
266	8.597 024		8.597 364		1.402 636	9.999 660		734	
		192		192			0		
267	8.597 216		8.597 556		1.402 444	9.999 660		733	
		191		191			0		
268	8.597 407		8.597 747		1.402 253	9.999 660		732	
		191		192			1		
269	8.597 598		8.597 939		1.402 061	9.999 659		731	
		192		192			0		
.270	8.597 790		8.598 131		1.401 869	9.999 659		**.730**	
		191		191			0		
271	8.597 981		8.598 322		1.401 678	9.999 659		729	
		191		191			1		
272	8.598 172		8.598 513		1.401 487	9.999 658		728	
		191		192			0		
273	8.598 363		8.598 705		1.401 295	9.999 658		727	
		191		191			0		
274	8.598 554		8.598 896		1.401 104	9.999 658		726	
		191		191			0		
275	8.598 745		8.599 087		1.400 913	9.999 658		725	
		190		191			1		
276	8.598 935		8.599 278		1.400 722	9.999 657		724	
		191		191			0		
277	8.599 126		8.599 469		1.400 531	9.999 657		723	
		191		191			0		
278	8.599 317		8.599 660		1.400 340	9.999 657		722	
		190		191			1		
279	8.599 507		8.599 851		1.400 149	9.999 656		721	
		191		191			0		
.280	8.599 698		8.600 042		1.399 958	9.999 656		**.720**	
		190		190			0		
281	8.599 888		8.600 232		1.399 768	9.999 656		719	
		190		191			1		
282	8.600 078		8.600 423		1.399 577	9.999 655		718	
		190		190			0		
283	8.600 268		8.600 613		1.399 387	9.999 655		717	
		190		191			0		
284	8.600 458		8.600 804		1.399 196	9.999 655		716	
		190		190			0		
285	8.600 648		8.600 994		1.399 006	9.999 655		715	
		190		190			1		
286	8.600 838		8.601 184		1.398 816	9.999 654		714	
		190		190			0		
287	8.601 028		8.601 374		1.398 626	9.999 654		713	
		190		190			0		
288	8.601 218		8.601 564		1.398 436	9.999 654		712	
		190		190			1		
289	8.601 408		8.601 754		1.398 246	9.999 653		711	
		189		190			0		
.290	8.601 597		8.601 944		1.398 056	9.999 653		**.710**	
		190		190			0		
291	8.601 787		8.602 134		1.397 866	9.999 653		709	
		189		190			1		
292	8.601 976		8.602 324		1.397 676	9.999 652		708	
		189		189			0		
293	8.602 165		8.602 513		1.397 487	9.999 652		707	
		190		190			0		
294	8.602 355		8.602 703		1.397 297	9.999 652		706	
		189		189			0		
295	8.602 544		8.602 892		1.397 108	9.999 652		705	
		189		190			1		
296	8.602 733		8.603 082		1.396 918	9.999 651		704	
		189		189			0		
297	8.602 922		8.603 271		1.396 729	9.999 651		703	
		189		189			0		
298	8.603 111		8.603 460		1.396 540	9.999 651		702	
		189		190			1		
299	8.603 300		8.603 650		1.396 350	9.999 650		701	
		189		189			0		
.300	8.603 489		8.603 839		1.396 161	9.999 650		**.700**	
	cos	d	cotg	d	tang	sin	d	**87°**	P.P.

	193	192
1	19.3	19.2
2	38.6	38.4
3	57.9	57.6
4	77.2	76.8
5	96.5	96.0
6	115.8	115.2
7	135.1	134.4
8	154.4	153.6
9	173.7	172.8

	191	190
1	19.1	19.0
2	38.2	38.0
3	57.3	57.0
4	76.4	76.0
5	95.5	95.0
6	114.6	114.0
7	133.7	133.0
8	152.8	152.0
9	171.9	171.0

	189
1	18.9
2	37.8
3	56.7
4	75.6
5	94.5
6	113.4
7	132.3
8	151.2
9	170.1

87°.750 — 87°.700

2°.300 — 2°.350

2°	sin	d	tang	d	cotg	cos	d		P.P.
.300	8.603 489	188	8.603 839	189	1.396 161	9.999 650	0	**.700**	
301	8.603 677	189	8.604 028	188	1.395 972	9.999 650	1	699	
302	8.603 866	188	8.604 216	189	1.395 784	9.999 649	0	698	
303	8.604 054	189	8.604 405	189	1.395 595	9.999 649	0	697	
304	8.604 243	188	8.604 594	189	1.395 406	9.999 649	1	696	
305	8.604 431	188	8.604 783	188	1.395 217	9.999 648	0	695	
306	8.604 619	189	8.604 971	189	1.395 029	9.999 648	0	694	
307	8.604 808	188	8.605 160	188	1.394 840	9.999 648	0	693	
308	8.604 996	188	8.605 348	188	1.394 652	9.999 648	1	692	
309	8.605 184	188	8.605 536	189	1.394 464	9.999 647	0	691	
.310	8.605 372	188	8.605 725	188	1.394 275	9.999 647	0	**.690**	
311	8.605 560	187	8.605 913	188	1.394 087	9.999 647	1	689	
312	8.605 747	188	8.606 101	188	1.393 899	9.999 646	0	688	
313	8.605 935	188	8.606 289	188	1.393 711	9.999 646	0	687	
314	8.606 123	187	8.606 477	188	1.393 523	9.999 646	1	686	
315	8.606 310	188	8.606 665	188	1.393 335	9.999 645	0	685	
316	8.606 498	187	8.606 853	187	1.393 147	9.999 645	0	684	
317	8.606 685	187	8.607 040	188	1.392 960	9.999 645	1	683	
318	8.606 872	188	8.607 228	187	1.392 772	9.999 644	0	682	
319	8.607 060	187	8.607 415	188	1.392 585	9.999 644	0	681	
.320	8.607 247	187	8.607 603	187	1.392 397	9.999 644	0	**.680**	
321	8.607 434	187	8.607 790	187	1.392 210	9.999 644	1	679	
322	8.607 621	187	8.607 977	188	1.392 023	9.999 643	0	678	
323	8.607 808	186	8.608 165	187	1.391 835	9.999 643	0	677	
324	8.607 994	187	8.608 352	187	1.391 648	9.999 643	1	676	
325	8.608 181	187	8.608 539	187	1.391 461	9.999 642	0	675	
326	8.608 368	186	8.608 726	187	1.391 274	9.999 642	0	674	
327	8.608 554	187	8.608 913	186	1.391 087	9.999 642	1	673	
328	8.608 741	186	8.609 099	187	1.390 901	9.999 641	0	672	
329	8.608 927	187	8.609 286	187	1.390 714	9.999 641	0	671	
.330	8.609 114	186	8.609 473	186	1.390 527	9.999 641	1	**.670**	
331	8.609 300	186	8.609 659	187	1.390 341	9.999 640	0	669	
332	8.609 486	186	8.609 846	186	1.390 154	9.999 640	0	668	
333	8.609 672	186	8.610 032	187	1.389 968	9.999 640	0	667	
334	8.609 858	186	8.610 219	186	1.389 781	9.999 640	1	666	
335	8.610 044	186	8.610 405	186	1.389 595	9.999 639	0	665	
336	8.610 230	186	8.610 591	186	1.389 409	9.999 639	0	664	
337	8.610 416	185	8.610 777	186	1.389 223	9.999 639	1	663	
338	8.610 601	186	8.610 963	186	1.389 037	9.999 638	0	662	
339	8.610 787	185	8.611 149	186	1.388 851	9.999 638	0	661	
.340	8.610 972	186	8.611 335	186	1.388 665	9.999 638	1	**.660**	
341	8.611 158	185	8.611 521	185	1.388 479	9.999 637	0	659	
342	8.611 343	186	8.611 706	186	1.388 294	9.999 637	0	658	
343	8.611 529	185	8.611 892	185	1.388 108	9.999 637	1	657	
344	8.611 714	185	8.612 077	186	1.387 923	9.999 636	0	656	
345	8.611 899	185	8.612 263	185	1.387 737	9.999 636	0	655	
346	8.612 084	185	8.612 448	185	1.387 552	9.999 636	0	654	
347	8.612 269	185	8.612 633	186	1.387 367	9.999 636	1	653	
348	8.612 454	185	8.612 819	185	1.387 181	9.999 635	0	652	
349	8.612 639	184	8.613 004	185	1.386 996	9.999 635	0	651	
.350	8.612 823		8.613 189		1.386 811	9.999 635		**.650**	
	cos	d	cotg	d	tang	sin	d	**87°**	P.P.

	189	188
1	18.9	18.8
2	37.8	37.6
3	56.7	56.4
4	75.6	75.2
5	94.5	94.0
6	113.4	112.8
7	132.3	131.6
8	151.2	150.4
9	170.1	169.2

	187	186
1	18.7	18.6
2	37.4	37.2
3	56.1	55.8
4	74.8	74.4
5	93.5	93.0
6	112.2	111.6
7	130.9	130.2
8	149.6	148.8
9	168.3	167.4

	185	184
1	18.5	18.4
2	37.0	36.8
3	55.5	55.2
4	74.0	73.6
5	92.5	92.0
6	111.0	110.4
7	129.5	128.8
8	148.0	147.2
9	166.5	165.6

87°.700 — 87°.650

2°.350 — 2°.400

2°	sin	d	tang	d	cotg	cos	d		P.P.
.350	8.612 823	185	8.613 189	185	1.386 811	9.999 635	1	.650	
351	8.613 008	185	8.613 374	185	1.386 626	9.999 634	0	649	
352	8.613 193	184	8.613 559	185	1.386 441	9.999 634	0	648	
353	8.613 377	185	8.613 744	184	1.386 256	9.999 634	1	647	
354	8.613 562	184	8.613 928	185	1.386 072	9.999 633	0	646	
355	8.613 746	184	8.614 113	185	1.385 887	9.999 633	0	645	
356	8.613 930	184	8.614 298	184	1.385 702	9.999 633	1	644	
357	8.614 114	185	8.614 482	184	1.385 518	9.999 632	0	643	
358	8.614 299	184	8.614 666	185	1.385 334	9.999 632	0	642	
359	8.614 483	184	8.614 851	184	1.385 149	9.999 632	1	641	
.360	8.614 667	183	8.615 035	184	1.384 965	9.999 631	0	.640	
361	8.614 850	184	8.615 219	184	1.384 781	9.999 631	0	639	
362	8.615 034	184	8.615 403	184	1.384 597	9.999 631	0	638	
363	8.615 218	184	8.615 587	184	1.384 413	9.999 631	1	637	
364	8.615 402	183	8.615 771	184	1.384 229	9.999 630	0	636	
365	8.615 585	184	8.615 955	184	1.384 045	9.999 630	0	635	
366	8.615 769	183	8.616 139	184	1.383 861	9.999 630	1	634	
367	8.615 952	183	8.616 323	183	1.383 677	9.999 629	0	633	
368	8.616 135	184	8.616 506	184	1.383 494	9.999 629	0	632	
369	8.616 319	183	8.616 690	184	1.383 310	9.999 629	1	631	
.370	8.616 502	183	8.616 874	183	1.383 126	9.999 628	0	.630	
371	8.616 685	183	8.617 057	183	1.382 943	9.999 628	0	629	
372	8.616 868	183	8.617 240	184	1.382 760	9.999 628	1	628	
373	8.617 051	183	8.617 424	183	1.382 576	9.999 627	0	627	
374	8.617 234	183	8.617 607	183	1.382 393	9.999 627	0	626	
375	8.617 417	182	8.617 790	183	1.382 210	9.999 627	1	625	
376	8.617 599	183	8.617 973	183	1.382 027	9.999 626	0	624	
377	8.617 782	183	8.618 156	183	1.381 844	9.999 626	0	623	
378	8.617 965	182	8.618 339	182	1.381 661	9.999 626	1	622	
379	8.618 147	182	8.618 521	183	1.381 479	9.999 626	0	621	
.380	8.618 329	183	8.618 704	183	1.381 296	9.999 625	0	.620	
381	8.618 512	182	8.618 887	182	1.381 113	9.999 625	0	619	
382	8.618 694	182	8.619 069	183	1.380 931	9.999 625	1	618	
383	8.618 876	182	8.619 252	182	1.380 748	9.999 624	0	617	
384	8.619 058	182	8.619 434	183	1.380 566	9.999 624	0	616	
385	8.619 240	182	8.619 617	182	1.380 383	9.999 624	1	615	
386	8.619 422	182	8.619 799	182	1.380 201	9.999 623	0	614	
387	8.619 604	182	8.619 981	182	1.380 019	9.999 623	0	613	
388	8.619 786	182	8.620 163	182	1.379 837	9.999 623	1	612	
389	8.619 968	181	8.620 345	182	1.379 655	9.999 622	0	611	
.390	8.620 149	182	8.620 527	182	1.379 473	9.999 622	0	.610	
391	8.620 331	181	8.620 709	182	1.379 291	9.999 622	1	609	
392	8.620 512	182	8.620 891	182	1.379 109	9.999 621	0	608	
393	8.620 694	181	8.621 073	181	1.378 927	9.999 621	0	607	
394	8.620 875	181	8.621 254	182	1.378 746	9.999 621	1	606	
395	8.621 056	182	8.621 436	181	1.378 564	9.999 620	0	605	
396	8.621 238	181	8.621 617	182	1.378 383	9.999 620	0	604	
397	8.621 419	181	8.621 799	181	1.378 201	9.999 620	1	603	
398	8.621 600	181	8.621 980	182	1.378 020	9.999 620	0	602	
399	8.621 781	181	8.622 162	181	1.377 838	9.999 619	0	601	
.400	8.621 962		8.622 343		1.377 657	9.999 619		.600	
	cos	d	cotg	d	tang	sin	d	87°	P.P.

	185
1	18.5
2	37.0
3	55.5
4	74.0
5	92.5
6	111.0
7	129.5
8	148.0
9	166.5

	184
1	18.4
2	36.8
3	55.2
4	73.6
5	92.0
6	110.4
7	128.8
8	147.2
9	165.6

	183
1	18.3
2	36.6
3	54.9
4	73.2
5	91.5
6	109.8
7	128.1
8	146.4
9	164.7

	182
1	18.2
2	36.4
3	54.6
4	72.8
5	91.0
6	109.2
7	127.4
8	145.6
9	163.8

	181
1	18.1
2	36.2
3	54.3
4	72.4
5	90.5
6	108.6
7	126.7
8	144.8
9	162.9

87°.650 — 87°.600

2°.400 — 2°.450

2°	sin	d	tang	d	cotg	cos	d		P.P.
.400	8.621 962	180	8.622 343	181	1.377 657	9.999 619	0	**.600**	
401	8.622 142	181	8.622 524	181	1.377 476	9.999 619	1	599	
402	8.622 323	181	8.622 705	181	1.377 295	9.999 618	0	598	
403	8.622 504	180	8.622 886	181	1.377 114	9.999 618	0	597	
404	8.622 684	181	8.623 067	181	1.376 933	9.999 618	1	596	
405	8.622 865	180	8.623 248	180	1.376 752	9.999 617	0	595	
406	8.623 045	181	8.623 428	181	1.376 572	9.999 617	0	594	
407	8.623 226	180	8.623 609	181	1.376 391	9.999 617	1	593	
408	8.623 406	180	8.623 790	180	1.376 210	9.999 616	0	592	
409	8.623 586	180	8.623 970	181	1.376 030	9.999 616	0	591	
.410	8.623 766	180	8.624 151	180	1.375 849	9.999 616	1	**.590**	
411	8.623 946	180	8.624 331	180	1.375 669	9.999 615	0	589	
412	8.624 126	180	8.624 511	181	1.375 489	9.999 615	0	588	
413	8.624 306	180	8.624 692	180	1.375 308	9.999 615	1	587	
414	8.624 486	180	8.624 872	180	1.375 128	9.999 614	0	586	
415	8.624 666	180	8.625 052	180	1.374 948	9.999 614	0	585	
416	8.624 846	179	8.625 232	180	1.374 768	9.999 614	1	584	
417	8.625 025	180	8.625 412	180	1.374 588	9.999 613	0	583	
418	8.625 205	179	8.625 592	179	1.374 408	9.999 613	0	582	
419	8.625 384	180	8.625 771	180	1.374 229	9.999 613	0	581	
.420	8.625 564	179	8.625 951	180	1.374 049	9.999 613	1	**.580**	
421	8.625 743	179	8.626 131	179	1.373 869	9.999 612	0	579	
422	8.625 922	179	8.626 310	180	1.373 690	9.999 612	0	578	
423	8.626 101	179	8.626 490	179	1.373 510	9.999 612	1	577	
424	8.626 280	179	8.626 669	180	1.373 331	9.999 611	0	576	
425	8.626 459	179	8.626 849	179	1.373 151	9.999 611	0	575	
426	8.626 638	179	8.627 028	179	1.372 972	9.999 611	1	574	
427	8.626 817	179	8.627 207	179	1.372 793	9.999 610	0	573	
428	8.626 996	179	8.627 386	179	1.372 614	9.999 610	0	572	
429	8.627 175	178	8.627 565	179	1.372 435	9.999 610	1	571	
.430	8.627 353	179	8.627 744	179	1.372 256	9.999 609	0	**.570**	
431	8.627 532	179	8.627 923	179	1.372 077	9.999 609	0	569	
432	8.627 711	178	8.628 102	179	1.371 898	9.999 609	1	568	
433	8.627 889	178	8.628 281	178	1.371 719	9.999 608	0	567	
434	8.628 067	179	8.628 459	179	1.371 541	9.999 608	0	566	
435	8.628 246	178	8.628 638	178	1.371 362	9.999 608	1	565	
436	8.628 424	178	8.628 816	179	1.371 184	9.999 607	0	564	
437	8.628 602	178	8.628 995	178	1.371 005	9.999 607	0	563	
438	8.628 780	178	8.629 173	179	1.370 827	9.999 607	1	562	
439	8.628 958	178	8.629 352	178	1.370 648	9.999 606	0	561	
.440	8.629 136	178	8.629 530	178	1.370 470	9.999 606	0	**.560**	
441	8.629 314	178	8.629 708	178	1.370 292	9.999 606	1	559	
442	8.629 492	177	8.629 886	178	1.370 114	9.999 605	0	558	
443	8.629 669	178	8.630 064	178	1.369 936	9.999 605	0	557	
444	8.629 847	177	8.630 242	178	1.369 758	9.999 605	1	556	
445	8.630 024	178	8.630 420	178	1.369 580	9.999 604	0	555	
446	8.630 202	177	8.630 598	177	1.369 402	9.999 604	0	554	
447	8.630 379	178	8.630 775	178	1.369 225	9.999 604	1	553	
448	8.630 557	177	8.630 953	178	1.369 047	9.999 603	0	552	
449	8.630 734	177	8.631 131	177	1.368 869	9.999 603	0	551	
.450	8.630 911		8.631 308		1.368 692	9.999 603		**.550**	
	cos	d	cotg	d	tang	sin	d	**87°**	P.P.

	181
1	18.1
2	36.2
3	54.3
4	72.4
5	90.5
6	108.6
7	126.7
8	144.8
9	162.9

	180
1	18.0
2	36.0
3	54.0
4	72.0
5	90.0
6	108.0
7	126.0
8	144.0
9	162.0

	179
1	17.9
2	35.8
3	53.7
4	71.6
5	89.5
6	107.4
7	125.3
8	143.2
9	161.1

	178
1	17.8
2	35.6
3	53.4
4	71.2
5	89.0
6	106.8
7	124.6
8	142.4
9	160.2

	177
1	17.7
2	35.4
3	53.1
4	70.8
5	88.5
6	106.2
7	123.9
8	141.6
9	159.3

87°.600 — 87°.550

2°.450 — 2°.500

2°	sin	d	tang	d	cotg	cos	d		P.P.
.450	8.630 911		8.631 308		1.368 692	9.999 603		**.550**	
		177		178			0		
451	8.631 088		8.631 486		1.368 514	9.999 603		549	
		177		177			1		
452	8.631 265		8.631 663		1.368 337	9.999 602		548	
		177		177			0		
453	8.631 442		8.631 840		1.368 160	9.999 602		547	
		177		178			0		
454	8.631 619		8.632 018		1.367 982	9.999 602		546	
		177		177			1		
455	8.631 796		8.632 195		1.367 805	9.999 601		545	
		177		177			0		
456	8.631 973		8.632 372		1.367 628	9.999 601		544	
		176		177			0		
457	8.632 149		8.632 549		1.367 451	9.999 601		543	
		177		177			1		
458	8.632 326		8.632 726		1.367 274	9.999 600		542	
		177		177			0		
459	8.632 503		8.632 903		1.367 097	9.999 600		541	
		176		176			0		
.460	8.632 679		8.633 079		1.366 921	9.999 600		**.540**	
		176		177			1		
461	8.632 855		8.633 256		1.366 744	9.999 599		539	
		177		177			0		
462	8.633 032		8.633 433		1.366 567	9.999 599		538	
		176		176			0		
463	8.633 208		8.633 609		1.366 391	9.999 599		537	
		176		177			1		
464	8.633 384		8.633 786		1.366 214	9.999 598		536	
		176		176			0		
465	8.633 560		8.633 962		1.366 038	9.999 598		535	
		176		177			0		
466	8.633 736		8.634 139		1.365 861	9.999 598		534	
		176		176			1		
467	8.633 912		8.634 315		1.365 685	9.999 597		533	
		176		176			0		
468	8.634 088		8.634 491		1.365 509	9.999 597		532	
		176		176			0		
469	8.634 264		8.634 667		1.365 333	9.999 597		531	
		176		176			1		
.470	8.634 440		8.634 843		1.365 157	9.999 596		**.530**	
		175		176			0		
471	8.634 615		8.635 019		1.364 981	9.999 596		529	
		176		176			0		
472	8.634 791		8.635 195		1.364 805	9.999 596		528	
		176		176			1		
473	8.634 967		8.635 371		1.364 629	9.999 595		527	
		175		176			0		
474	8.635 142		8.635 547		1.364 453	9.999 595		526	
		175		176			0		
475	8.635 317		8.635 723		1.364 277	9.999 595		525	
		176		175			1		
476	8.635 493		8.635 898		1.364 102	9.999 594		524	
		175		176			0		
477	8.635 668		8.636 074		1.363 926	9.999 594		523	
		175		176			0		
478	8.635 843		8.636 250		1.363 750	9.999 594		522	
		175		175			1		
479	8.636 018		8.636 425		1.363 575	9.999 593		521	
		175		175			0		
.480	8.636 193		8.636 600		1.363 400	9.999 593		**.520**	
		175		176			0		
481	8.636 368		8.636 776		1.363 224	9.999 593		519	
		175		175			1		
482	8.636 543		8.636 951		1.363 049	9.999 592		518	
		175		175			0		
483	8.636 718		8.637 126		1.362 874	9.999 592		517	
		175		175			0		
484	8.636 893		8.637 301		1.362 699	9.999 592		516	
		175		175			1		
485	8.637 068		8.637 476		1.362 524	9.999 591		515	
		174		175			0		
486	8.637 242		8.637 651		1.362 349	9.999 591		514	
		175		175			0		
487	8.637 417		8.637 826		1.362 174	9.999 591		513	
		174		175			1		
488	8.637 591		8.638 001		1.361 999	9.999 590		512	
		175		175			0		
489	8.637 766		8.638 176		1.361 824	9.999 590		511	
		174		174			0		
.490	8.637 940		8.638 350		1.361 650	9.999 590		**.510**	
		174		175			1		
491	8.638 114		8.638 525		1.361 475	9.999 589		509	
		174		174			0		
492	8.638 288		8.638 699		1.361 301	9.999 589		508	
		175		175			0		
493	8.638 463		8.638 874		1.361 126	9.999 589		507	
		174		174			1		
494	8.638 637		8.639 048		1.360 952	9.999 588		506	
		174		175			0		
495	8.638 811		8.639 223		1.360 777	9.999 588		505	
		174		174			0		
496	8.638 985		8.639 397		1.360 603	9.999 588		504	
		173		174			1		
497	8.639 158		8.639 571		1.360 429	9.999 587		503	
		174		174			0		
498	8.639 332		8.639 745		1.360 255	9.999 587		502	
		174		174			0		
499	8.639 506		8.639 919		1.360 081	9.999 587		501	
		174		174			1		
.500	8.639 680		8.640 093		1.359 907	9.999 586		**.500**	
	cos	d	cotg	d	tang	sin	d	**87°**	P.P.

	178
1	17.8
2	35.6
3	53.4
4	71.2
5	89.0
6	106.8
7	124.6
8	142.4
9	160.2

	177
1	17.7
2	35.4
3	53.1
4	70.8
5	88.5
6	106.2
7	123.9
8	141.6
9	159.3

	176	175
1	17.6	17.5
2	35.2	35.0
3	52.8	52.5
4	70.4	70.0
5	88.0	87.5
6	105.6	105.0
7	123.2	122.5
8	140.8	140.0
9	158.4	157.5

	174
1	17.4
2	34.8
3	52.2
4	69.6
5	87.0
6	104.4
7	121.8
8	139.2
9	156.6

	173
1	17.3
2	34.6
3	51.9
4	69.2
5	86.5
6	103.8
7	121.1
8	138.4
9	155.7

87°.550 — 87°.500

2°.500 — 2°.550

2°	sin	d	tang	d	cotg	cos	d		P.P.
.500	8.639 680	173	8.640 093	174	1.359 907	9.999 586	0	.500	
501	8.639 853	174	8.640 267	174	1.359 733	9.999 586	0	499	
502	8.640 027	173	8.640 441	174	1.359 559	9.999 586	1	498	
503	8.640 200	173	8.640 615	173	1.359 385	9.999 585	0	497	
504	8.640 373	174	8.640 788	174	1.359 212	9.999 585	0	496	
505	8.640 547	173	8.640 962	173	1.359 038	9.999 585	1	495	
506	8.640 720	173	8.641 135	174	1.358 865	9.999 584	0	494	
507	8.640 893	173	8.641 309	173	1.358 691	9.999 584	0	493	
508	8.641 066	173	8.641 482	174	1.358 518	9.999 584	1	492	
509	8.641 239	173	8.641 656	173	1.358 344	9.999 583	0	491	
.510	8.641 412	173	8.641 829	173	1.358 171	9.999 583	0	.490	
511	8.641 585	173	8.642 002	173	1.357 998	9.999 583	1	489	
512	8.641 758	173	8.642 175	173	1.357 825	9.999 582	0	488	
513	8.641 931	172	8.642 348	173	1.357 652	9.999 582	0	487	
514	8.642 103	173	8.642 521	173	1.357 479	9.999 582	1	486	
515	8.642 276	172	8.642 694	173	1.357 306	9.999 581	0	485	
516	8.642 448	173	8.642 867	173	1.357 133	9.999 581	0	484	
517	8.642 621	172	8.643 040	173	1.356 960	9.999 581	1	483	
518	8.642 793	173	8.643 213	172	1.356 787	9.999 580	0	482	
519	8.642 966	172	8.643 385	173	1.356 615	9.999 580	0	481	
.520	8.643 138	172	8.643 558	173	1.356 442	9.999 580	1	.480	
521	8.643 310	172	8.643 731	172	1.356 269	9.999 579	0	479	
522	8.643 482	172	8.643 903	172	1.356 097	9.999 579	0	478	
523	8.643 654	172	8.644 075	173	1.355 925	9.999 579	1	477	
524	8.643 826	172	8.644 248	172	1.355 752	9.999 578	0	476	
525	8.643 998	172	8.644 420	172	1.355 580	9.999 578	0	475	
526	8.644 170	172	8.644 592	172	1.355 408	9.999 578	1	474	
527	8.644 342	172	8.644 764	172	1.355 236	9.999 577	0	473	
528	8.644 514	171	8.644 936	172	1.355 064	9.999 577	0	472	
529	8.644 685	172	8.645 108	172	1.354 892	9.999 577	1	471	
.530	8.644 857	171	8.645 280	172	1.354 720	9.999 576	0	.470	
531	8.645 028	172	8.645 452	172	1.354 548	9.999 576	0	469	
532	8.645 200	171	8.645 624	172	1.354 376	9.999 576	1	468	
533	8.645 371	171	8.645 796	171	1.354 204	9.999 575	0	467	
534	8.645 542	172	8.645 967	172	1.354 033	9.999 575	0	466	
535	8.645 714	171	8.646 139	171	1.353 861	9.999 575	1	465	
536	8.645 885	171	8.646 310	172	1.353 690	9.999 574	0	464	
537	8.646 056	171	8.646 482	171	1.353 518	9.999 574	0	463	
538	8.646 227	171	8.646 653	171	1.353 347	9.999 574	1	462	
539	8.646 398	171	8.646 824	172	1.353 176	9.999 573	0	461	
.540	8.646 569	171	8.646 996	171	1.353 004	9.999 573	0	.460	
541	8.646 740	170	8.647 167	171	1.352 833	9.999 573	1	459	
542	8.646 910	171	8.647 338	171	1.352 662	9.999 572	0	458	
543	8.647 081	171	8.647 509	171	1.352 491	9.999 572	0	457	
544	8.647 252	170	8.647 680	171	1.352 320	9.999 572	1	456	
545	8.647 422	171	8.647 851	171	1.352 149	9.999 571	0	455	
546	8.647 593	170	8.648 022	171	1.351 978	9.999 571	0	454	
547	8.647 763	171	8.648 193	170	1.351 807	9.999 571	1	453	
548	8.647 934	170	8.648 363	171	1.351 637	9.999 570	0	452	
549	8.648 104	170	8.648 534	170	1.351 466	9.999 570	0	451	
.550	8.648 274		8.648 704		1.351 296	9.999 570		.450	
	cos	d	cotg	d	tang	sin	d	87°	P.P.

	174
1	17.4
2	34.8
3	52.2
4	69.6
5	87.0
6	104.4
7	121.8
8	139.2
9	156.6

	173
1	17.3
2	34.6
3	51.9
4	69.2
5	86.5
6	103.8
7	121.1
8	138.4
9	155.7

	172
1	17.2
2	34.4
3	51.6
4	68.8
5	86.0
6	103.2
7	120.4
8	137.6
9	154.8

	171
1	17.1
2	34.2
3	51.3
4	68.4
5	85.5
6	102.6
7	119.7
8	136.8
9	153.9

	170
1	17.0
2	34.0
3	51.0
4	68.0
5	85.0
6	102.0
7	119.0
8	136.0
9	153.0

87°.500 — 87°.450

2°.550 — 2°.600

2°	sin	d	tang	d	cotg	cos	d		P.P.
.550	8.648 274		8.648 704		1.351 296	9.999 570		.450	
		170		171			1		
551	8.648 444		8.648 875		1.351 125	9.999 569		449	
		170		170			0		
552	8.648 614		8.649 045		1.350 955	9.999 569		448	
		170		171			0		
553	8.648 784		8.649 216		1.350 784	9.999 569		447	
		170		170			1		
554	8.648 954		8.649 386		1.350 614	9.999 568		446	
		170		170			0		
555	8.649 124		8.649 556		1.350 444	9.999 568		445	
		170		170			0		
556	8.649 294		8.649 726		1.350 274	9.999 568		444	
		170		171			1		
557	8.649 464		8.649 897		1.350 103	9.999 567		443	
		170		170			0		
558	8.649 634		8.650 067		1.349 933	9.999 567		442	
		169		170			0		
559	8.649 803		8.650 237		1.349 763	9.999 567		441	
		170		169			1		
.560	8.649 973		8.650 406		1.349 594	9.999 566		.440	
		169		170			0		
561	8.650 142		8.650 576		1.349 424	9.999 566		439	
		170		170			0		
562	8.650 312		8.650 746		1.349 254	9.999 566		438	
		169		170			1		
563	8.650 481		8.650 916		1.349 084	9.999 565		437	
		169		169			0		
564	8.650 650		8.651 085		1.348 915	9.999 565		436	
		170		170			0		
565	8.650 820		8.651 255		1.348 745	9.999 565		435	
		169		170			1		
566	8.650 989		8.651 425		1.348 575	9.999 564		434	
		169		169			0		
567	8.651 158		8.651 594		1.348 406	9.999 564		433	
		169		169			0		
568	8.651 327		8.651 763		1.348 237	9.999 564		432	
		169		170			1		
569	8.651 496		8.651 933		1.348 067	9.999 563		431	
		169		169			0		
.570	8.651 665		8.652 102		1.347 898	9.999 563		.430	
		169		169			0		
571	8.651 834		8.652 271		1.347 729	9.999 563		429	
		168		169			1		
572	8.652 002		8.652 440		1.347 560	9.999 562		428	
		169		169			0		
573	8.652 171		8.652 609		1.347 391	9.999 562		427	
		169		169			0		
574	8.652 340		8.652 778		1.347 222	9.999 562		426	
		168		169			1		
575	8.652 508		8.652 947		1.347 053	9.999 561		425	
		169		169			0		
576	8.652 677		8.653 116		1.346 884	9.999 561		424	
		168		169			0		
577	8.652 845		8.653 285		1.346 715	9.999 561		423	
		169		168			1		
578	8.653 014		8.653 453		1.346 547	9.999 560		422	
		168		169			0		
579	8.653 182		8.653 622		1.346 378	9.999 560		421	
		168		169			0		
.580	8.653 350		8.653 791		1.346 209	9.999 560		.420	
		168		168			1		
581	8.653 518		8.653 959		1.346 041	9.999 559		419	
		169		169			0		
582	8.653 687		8.654 128		1.345 872	9.999 559		418	
		168		168			0		
583	8.653 855		8.654 296		1.345 704	9.999 559		417	
		168		168			1		
584	8.654 023		8.654 464		1.345 536	9.999 558		416	
		168		169			0		
585	8.654 191		8.654 633		1.345 367	9.999 558		415	
		167		168			1		
586	8.654 358		8.654 801		1.345 199	9.999 557		414	
		168		168			0		
587	8.654 526		8.654 969		1.345 031	9.999 557		413	
		168		168			0		
588	8.654 694		8.655 137		1.344 863	9.999 557		412	
		168		168			1		
589	8.654 862		8.655 305		1.344 695	9.999 556		411	
		167		168			0		
.590	8.655 029		8.655 473		1.344 527	9.999 556		.410	
		168		168			0		
591	8.655 197		8.655 641		1.344 359	9.999 556		409	
		167		168			1		
592	8.655 364		8.655 809		1.344 191	9.999 555		408	
		168		168			0		
593	8.655 532		8.655 977		1.344 023	9.999 555		407	
		167		167			0		
594	8.655 699		8.656 144		1.343 856	9.999 555		406	
		167		168			1		
595	8.655 866		8.656 312		1.343 688	9.999 554		405	
		167		167			0		
596	8.656 033		8.656 479		1.343 521	9.999 554		404	
		168		168			0		
597	8.656 201		8.656 647		1.343 353	9.999 554		403	
		167		167			1		
598	8.656 368		8.656 814		1.343 186	9.999 553		402	
		167		168			0		
599	8.656 535		8.656 982		1.343 018	9.999 553		401	
		167		167			0		
.600	8.656 702		8.657 149		1.342 851	9.999 553		.400	
	cos	d	cotg	d	tang	sin	d	87°	P.P.

	171
1	17.1
2	34.2
3	51.3
4	68.4
5	85.5
6	102.6
7	119.7
8	136.8
9	153.9

	170
1	17.0
2	34.0
3	51.0
4	68.0
5	85.0
6	102.0
7	119.0
8	136.0
9	153.0

	169
1	16.9
2	33.8
3	50.7
4	67.6
5	84.5
6	101.4
7	118.3
8	135.2
9	152.1

	168
1	16.8
2	33.6
3	50.4
4	67.2
5	84.0
6	100.8
7	117.6
8	134.4
9	151.2

	167
1	16.7
2	33.4
3	50.1
4	66.8
5	83.5
6	100.2
7	116.9
8	133.6
9	150.3

87°.450 — 87°.400

2°.600 — 2°.650

2°	sin	d	tang	d	cotg	cos	d		P.P.
.600	8.656 702	167	8.657 149	167	1.342 851	9.999 553	1	**.400**	
601	8.656 869	166	8.657 316	167	1.342 684	9.999 552	0	399	
602	8.657 035	167	8.657 483	167	1.342 517	9.999 552	0	398	
603	8.657 202	167	8.657 650	168	1.342 350	9.999 552	1	397	
604	8.657 369	166	8.657 818	166	1.342 182	9.999 551	0	396	
605	8.657 535	167	8.657 984	167	1.342 016	9.999 551	0	395	
606	8.657 702	167	8.658 151	167	1.341 849	9.999 551	1	394	
607	8.657 869	166	8.658 318	167	1.341 682	9.999 550	0	393	
608	8.658 035	166	8.658 485	167	1.341 515	9.999 550	0	392	
609	8.658 201	167	8.658 652	166	1.341 348	9.999 550	1	391	
.610	8.658 368	166	8.658 818	167	1.341 182	9.999 549	0	**.390**	
611	8.658 534	166	8.658 985	167	1.341 015	9.999 549	0	389	
612	8.658 700	166	8.659 152	166	1.340 848	9.999 549	1	388	
613	8.658 866	166	8.659 318	166	1.340 682	9.999 548	0	387	
614	8.659 032	166	8.659 484	167	1.340 516	9.999 548	0	386	
615	8.659 198	166	8.659 651	166	1.340 349	9.999 548	1	385	
616	8.659 364	166	8.659 817	166	1.340 183	9.999 547	0	384	
617	8.659 530	166	8.659 983	166	1.340 017	9.999 547	1	383	
618	8.659 696	166	8.660 149	166	1.339 851	9.999 546	0	382	
619	8.659 862	165	8.660 315	167	1.339 685	9.999 546	0	381	
.620	8.660 027	166	8.660 482	165	1.339 518	9.999 546	1	**.380**	
621	8.660 193	165	8.660 647	166	1.339 353	9.999 545	0	379	
622	8.660 358	166	8.660 813	166	1.339 187	9.999 545	0	378	
623	8.660 524	165	8.660 979	166	1.339 021	9.999 545	1	377	
624	8.660 689	166	8.661 145	166	1.338 855	9.999 544	0	376	
625	8.660 855	165	8.661 311	165	1.338 689	9.999 544	0	375	
626	8.661 020	165	8.661 476	166	1.338 524	9.999 544	1	374	
627	8.661 185	165	8.661 642	165	1.338 358	9.999 543	0	373	
628	8.661 350	166	8.661 807	166	1.338 193	9.999 543	0	372	
629	8.661 516	165	8.661 973	165	1.338 027	9.999 543	1	371	
.630	8.661 681	165	8.662 138	166	1.337 862	9.999 542	0	**.370**	
631	8.661 846	164	8.662 304	165	1.337 696	9.999 542	0	369	
632	8.662 010	165	8.662 469	165	1.337 531	9.999 542	1	368	
633	8.662 175	165	8.662 634	165	1.337 366	9.999 541	0	367	
634	8.662 340	165	8.662 799	165	1.337 201	9.999 541	0	366	
635	8.662 505	165	8.662 964	165	1.337 036	9.999 541	1	365	
636	8.662 670	164	8.663 129	165	1.336 871	9.999 540	0	364	
637	8.662 834	165	8.663 294	165	1.336 706	9.999 540	0	363	
638	8.662 999	164	8.663 459	165	1.336 541	9.999 540	1	362	
639	8.663 163	165	8.663 624	165	1.336 376	9.999 539	0	361	
.640	8.663 328	164	8.663 789	164	1.336 211	9.999 539	1	**.360**	
641	8.663 492	164	8.663 953	165	1.336 047	9.999 538	0	359	
642	8.663 656	164	8.664 118	165	1.335 882	9.999 538	0	358	
643	8.663 820	165	8.664 283	164	1.335 717	9.999 538	1	357	
644	8.663 985	164	8.664 447	165	1.335 553	9.999 537	0	356	
645	8.664 149	164	8.664 612	164	1.335 388	9.999 537	0	355	
646	8.664 313	164	8.664 776	164	1.335 224	9.999 537	1	354	
647	8.664 477	164	8.664 940	165	1.335 060	9.999 536	0	353	
648	8.664 641	164	8.665 105	164	1.334 895	9.999 536	0	352	
649	8.664 805	163	8.665 269	164	1.334 731	9.999 536	1	351	
.650	8.664 968		8.665 433		1.334 567	9.999 535		**.350**	
	cos	d	cotg	d	tang	sin	d	**87°**	P.P.

	168	167
1	16.8	16.7
2	33.6	33.4
3	50.4	50.1
4	67.2	66.8
5	84.0	83.5
6	100.8	100.2
7	117.6	116.9
8	134.4	133.6
9	151.2	150.3

	166
1	16.6
2	33.2
3	49.8
4	66.4
5	83.0
6	99.6
7	116.2
8	132.8
9	149.4

	165
1	16.5
2	33.0
3	49.5
4	66.0
5	82.5
6	99.0
7	115.5
8	132.0
9	148.5

	164
1	16.4
2	32.8
3	49.2
4	65.6
5	82.0
6	98.4
7	114.8
8	131.2
9	147.6

	163
1	16.3
2	32.6
3	48.9
4	65.2
5	81.5
6	97.8
7	114.1
8	130.4
9	146.7

87°.400 — 87°.350

2°.650 — 2°.700

2°	sin	d	tang	d	cotg	cos	d		P.P.
.650	8.664 968	164	8.665 433	164	1.334 567	9.999 535	0	**.350**	
651	8.665 132	164	8.665 597	164	1.334 403	9.999 535	0	349	
652	8.665 296	163	8.665 761	164	1.334 239	9.999 535	1	348	
653	8.665 459	164	8.665 925	164	1.334 075	9.999 534	0	347	
654	8.665 623	163	8.666 089	164	1.333 911	9.999 534	0	346	
655	8.665 786	164	8.666 253	164	1.333 747	9.999 534	1	345	
656	8.665 950	163	8.666 417	163	1.333 583	9.999 533	0	344	
657	8.666 113	164	8.666 580	164	1.333 420	9.999 533	0	343	
658	8.666 277	163	8.666 744	164	1.333 256	9.999 533	1	342	
659	8.666 440	163	8.666 908	163	1.333 092	9.999 532	0	341	
.660	8.666 603	163	8.667 071	164	1.332 929	9.999 532	1	**.340**	
661	8.666 766	163	8.667 235	163	1.332 765	9.999 531	0	339	
662	8.666 929	163	8.667 398	163	1.332 602	9.999 531	0	338	
663	8.667 092	163	8.667 561	164	1.332 439	9.999 531	1	337	
664	8.667 255	163	8.667 725	163	1.332 275	9.999 530	0	336	
665	8.667 418	163	8.667 888	163	1.332 112	9.999 530	0	335	
666	8.667 581	163	8.668 051	163	1.331 949	9.999 530	1	334	
667	8.667 744	162	8.668 214	163	1.331 786	9.999 529	0	333	
668	8.667 906	163	8.668 377	163	1.331 623	9.999 529	0	332	
669	8.668 069	162	8.668 540	163	1.331 460	9.999 529	1	331	
.670	8.668 231	163	8.668 703	163	1.331 297	9.999 528	0	**.330**	
671	8.668 394	162	8.668 866	163	1.331 134	9.999 528	0	329	
672	8.668 556	163	8.669 029	163	1.330 971	9.999 528	1	328	
673	8.668 719	162	8.669 192	162	1.330 808	9.999 527	0	327	
674	8.668 881	162	8.669 354	163	1.330 646	9.999 527	0	326	
675	8.669 043	163	8.669 517	162	1.330 483	9.999 527	1	325	
676	8.669 206	162	8.669 679	163	1.330 321	9.999 526	0	324	
677	8.669 368	162	8.669 842	162	1.330 158	9.999 526	1	323	
678	8.669 530	162	8.670 004	163	1.329 996	9.999 525	0	322	
679	8.669 692	162	8.670 167	162	1.329 833	9.999 525	0	321	
.680	8.669 854	162	8.670 329	162	1.329 671	9.999 525	1	**.320**	
681	8.670 016	162	8.670 491	163	1.329 509	9.999 524	0	319	
682	8.670 178	161	8.670 654	162	1.329 346	9.999 524	0	318	
683	8.670 339	162	8.670 816	162	1.329 184	9.999 524	1	317	
684	8.670 501	162	8.670 978	162	1.329 022	9.999 523	0	316	
685	8.670 663	161	8.671 140	162	1.328 860	9.999 523	0	315	
686	8.670 824	162	8.671 302	162	1.328 698	9.999 523	1	314	
687	8.670 986	161	8.671 464	161	1.328 536	9.999 522	0	313	
688	8.671 147	162	8.671 625	162	1.328 375	9.999 522	0	312	
689	8.671 309	161	8.671 787	162	1.328 213	9.999 522	1	311	
.690	8.671 470	161	8.671 949	162	1.328 051	9.999 521	0	**.310**	
691	8.671 631	162	8.672 111	161	1.327 889	9.999 521	1	309	
692	8.671 793	161	8.672 272	162	1.327 728	9.999 520	0	308	
693	8.671 954	161	8.672 434	161	1.327 566	9.999 520	0	307	
694	8.672 115	161	8.672 595	162	1.327 405	9.999 520	1	306	
695	8.672 276	161	8.672 757	161	1.327 243	9.999 519	0	305	
696	8.672 437	161	8.672 918	161	1.327 082	9.999 519	0	304	
697	8.672 598	161	8.673 079	161	1.326 921	9.999 519	1	303	
698	8.672 759	161	8.673 240	162	1.326 760	9.999 518	0	302	
699	8.672 920	160	8.673 402	161	1.326 598	9.999 518	0	301	
.700	8.673 080		8.673 563		1.326 437	9.999 518		**.300**	
	cos	d	cotg	d	tang	sin	d	**87°**	P.P.

	164
1	16.4
2	32.8
3	49.2
4	65.6
5	82.0
6	98.4
7	114.8
8	131.2
9	147.6

	163
1	16.3
2	32.6
3	48.9
4	65.2
5	81.5
6	97.8
7	114.1
8	130.4
9	146.7

	162
1	16.2
2	32.4
3	48.6
4	64.8
5	81.0
6	97.2
7	113.4
8	129.6
9	145.8

	161
1	16.1
2	32.2
3	48.3
4	64.4
5	80.5
6	96.6
7	112.7
8	128.8
9	144.9

	160
1	16.0
2	32.0
3	48.0
4	64.0
5	80.0
6	96.0
7	112.0
8	128.0
9	144.0

87°.350 — 87°.300

2°.700 — 2°.750

2°	sin	d	tang	d	cotg	cos	d		P.P.
.700	8.673 080	161	8.673 563	161	1.326 437	9.999 518	1	.300	
701	8.673 241	161	8.673 724	161	1.326 276	9.999 517	0	299	
702	8.673 402	160	8.673 885	161	1.326 115	9.999 517	0	298	
703	8.673 562	161	8.674 046	161	1.325 954	9.999 517	1	297	
704	8.673 723	160	8.674 207	160	1.325 793	9.999 516	0	296	
705	8.673 883	161	8.674 367	161	1.325 633	9.999 516	1	295	
706	8.674 044	160	8.674 528	161	1.325 472	9.999 515	0	294	
707	8.674 204	160	8.674 689	161	1.325 311	9.999 515	0	293	
708	8.674 364	161	8.674 850	160	1.325 150	9.999 515	1	292	
709	8.674 525	160	8.675 010	161	1.324 990	9.999 514	0	291	
.710	8.674 685	160	8.675 171	160	1.324 829	9.999 514	0	.290	
711	8.674 845	160	8.675 331	161	1.324 669	9.999 514	1	289	
712	8.675 005	160	8.675 492	160	1.324 508	9.999 513	0	288	
713	8.675 165	160	8.675 652	160	1.324 348	9.999 513	0	287	
714	8.675 325	160	8.675 812	160	1.324 188	9.999 513	1	286	
715	8.675 485	159	8.675 972	161	1.324 028	9.999 512	0	285	
716	8.675 644	160	8.676 133	160	1.323 867	9.999 512	0	284	
717	8.675 804	160	8.676 293	160	1.323 707	9.999 512	1	283	
718	8.675 964	160	8.676 453	160	1.323 547	9.999 511	0	282	
719	8.676 124	159	8.676 613	160	1.323 387	9.999 511	1	281	
.720	8.676 283	160	8.676 773	160	1.323 227	9.999 510	0	.280	
721	8.676 443	159	8.676 933	159	1.323 067	9.999 510	0	279	
722	8.676 602	160	8.677 092	160	1.322 908	9.999 510	1	278	
723	8.676 762	159	8.677 252	160	1.322 748	9.999 509	0	277	
724	8.676 921	159	8.677 412	160	1.322 588	9.999 509	0	276	
725	8.677 080	159	8.677 572	159	1.322 428	9.999 509	1	275	
726	8.677 239	160	8.677 731	160	1.322 269	9.999 508	0	274	
727	8.677 399	159	8.677 891	159	1.322 109	9.999 508	0	273	
728	8.677 558	159	8.678 050	159	1.321 950	9.999 508	1	272	
729	8.677 717	159	8.678 209	160	1.321 791	9.999 507	0	271	
.730	8.677 876	159	8.678 369	159	1.321 631	9.999 507	1	.270	
731	8.678 035	158	8.678 528	159	1.321 472	9.999 506	0	269	
732	8.678 193	159	8.678 687	160	1.321 313	9.999 506	0	268	
733	8.678 352	159	8.678 847	159	1.321 153	9.999 506	1	267	
734	8.678 511	159	8.679 006	159	1.320 994	9.999 505	0	266	
735	8.678 670	158	8.679 165	159	1.320 835	9.999 505	0	265	
736	8.678 828	159	8.679 324	159	1.320 676	9.999 505	1	264	
737	8.678 987	159	8.679 483	159	1.320 517	9.999 504	0	263	
738	8.679 146	158	8.679 642	158	1.320 358	9.999 504	0	262	
739	8.679 304	158	8.679 800	159	1.320 200	9.999 504	1	261	
.740	8.679 462	159	8.679 959	159	1.320 041	9.999 503	0	.260	
741	8.679 621	158	8.680 118	159	1.319 882	9.999 503	1	259	
742	8.679 779	158	8.680 277	158	1.319 723	9.999 502	0	258	
743	8.679 937	158	8.680 435	159	1.319 565	9.999 502	0	257	
744	8.680 095	159	8.680 594	158	1.319 406	9.999 502	1	256	
745	8.680 254	158	8.680 752	159	1.319 248	9.999 501	0	255	
746	8.680 412	158	8.680 911	158	1.319 089	9.999 501	0	254	
747	8.680 570	158	8.681 069	158	1.318 931	9.999 501	1	253	
748	8.680 728	157	8.681 227	159	1.318 773	9.999 500	0	252	
749	8.680 885	158	8.681 386	158	1.318 614	9.999 500	0	251	
.750	8.681 043		8.681 544		1.318 456	9.999 500		.250	
	cos	d	cotg	d	tang	sin	d	87°	P.P.

	161
1	16.1
2	32.2
3	48.3
4	64.4
5	80.5
6	96.6
7	112.7
8	128.8
9	144.9

	160
1	16.0
2	32.0
3	48.0
4	64.0
5	80.0
6	96.0
7	112.0
8	128.0
9	144.0

	159
1	15.9
2	31.8
3	47.7
4	63.6
5	79.5
6	95.4
7	111.3
8	127.2
9	143.1

	158
1	15.8
2	31.6
3	47.4
4	63.2
5	79.0
6	94.8
7	110.6
8	126.4
9	142.2

	157
1	15.7
2	31.4
3	47.1
4	62.8
5	78.5
6	94.2
7	109.9
8	125.6
9	141.3

87°.300 — 87°.250

2°.750 — 2°.800

2°	sin	d	tang	d	cotg	cos	d		P.P.
.750	8.681 043	158	8.681 544	158	1.318 456	9.999 500	1	.250	
751	8.681 201	158	8.681 702	158	1.318 298	9.999 499	0	249	
752	8.681 359	157	8.681 860	158	1.318 140	9.999 499	1	248	
753	8.681 516	158	8.682 018	158	1.317 982	9.999 498	0	247	
754	8.681 674	158	8.682 176	158	1.317 824	9.999 498	0	246	
755	8.681 832	157	8.682 334	158	1.317 666	9.999 498	1	245	
756	8.681 989	158	8.682 492	158	1.317 508	9.999 497	0	244	
757	8.682 147	157	8.682 650	157	1.317 350	9.999 497	0	243	
758	8.682 304	157	8.682 807	158	1.317 193	9.999 497	1	242	
759	8.682 461	157	8.682 965	158	1.317 035	9.999 496	0	241	
.760	8.682 618	158	8.683 123	157	1.316 877	9.999 496	0	.240	
761	8.682 776	157	8.683 280	158	1.316 720	9.999 496	1	239	
762	8.682 933	157	8.683 438	157	1.316 562	9.999 495	0	238	
763	8.683 090	157	8.683 595	157	1.316 405	9.999 495	1	237	
764	8.683 247	157	8.683 752	158	1.316 248	9.999 494	0	236	
765	8.683 404	157	8.683 910	157	1.316 090	9.999 494	0	235	
766	8.683 561	157	8.684 067	157	1.315 933	9.999 494	1	234	
767	8.683 718	157	8.684 224	158	1.315 776	9.999 493	0	233	
768	8.683 875	156	8.684 382	157	1.315 618	9.999 493	0	232	
769	8.684 031	157	8.684 539	157	1.315 461	9.999 493	1	231	
.770	8.684 188	157	8.684 696	157	1.315 304	9.999 492	0	.230	
771	8.684 345	156	8.684 853	157	1.315 147	9.999 492	0	229	
772	8.684 501	157	8.685 010	157	1.314 990	9.999 492	1	228	
773	8.684 658	156	8.685 167	156	1.314 833	9.999 491	0	227	
774	8.684 814	157	8.685 323	157	1.314 677	9.999 491	1	226	
775	8.684 971	156	8.685 480	157	1.314 520	9.999 490	0	225	
776	8.685 127	156	8.685 637	157	1.314 363	9.999 490	0	224	
777	8.685 283	156	8.685 794	156	1.314 206	9.999 490	1	223	
778	8.685 439	157	8.685 950	157	1.314 050	9.999 489	0	222	
779	8.685 596	156	8.686 107	156	1.313 893	9.999 489	0	221	
.780	8.685 752	156	8.686 263	157	1.313 737	9.999 489	1	.220	
781	8.685 908	156	8.686 420	156	1.313 580	9.999 488	0	219	
782	8.686 064	156	8.686 576	156	1.313 424	9.999 488	1	218	
783	8.686 220	156	8.686 732	157	1.313 268	9.999 487	0	217	
784	8.686 376	156	8.686 889	156	1.313 111	9.999 487	0	216	
785	8.686 532	155	8.687 045	156	1.312 955	9.999 487	1	215	
786	8.686 687	156	8.687 201	156	1.312 799	9.999 486	0	214	
787	8.686 843	156	8.687 357	156	1.312 643	9.999 486	0	213	
788	8.686 999	155	8.687 513	156	1.312 487	9.999 486	1	212	
789	8.687 154	156	8.687 669	156	1.312 331	9.999 485	0	211	
.790	8.687 310	155	8.687 825	156	1.312 175	9.999 485	0	.210	
791	8.687 465	156	8.687 981	156	1.312 019	9.999 485	1	209	
792	8.687 621	155	8.688 137	155	1.311 863	9.999 484	0	208	
793	8.687 776	156	8.688 292	156	1.311 708	9.999 484	1	207	
794	8.687 932	155	8.688 448	156	1.311 552	9.999 483	0	206	
795	8.688 087	155	8.688 604	155	1.311 396	9.999 483	0	205	
796	8.688 242	155	8.688 759	156	1.311 241	9.999 483	1	204	
797	8.688 397	155	8.688 915	156	1.311 085	9.999 482	0	203	
798	8.688 552	156	8.689 071	155	1.310 929	9.999 482	0	202	
799	8.688 708	155	8.689 226	155	1.310 774	9.999 482	1	201	
.800	8.688 863		8.689 381		1.310 619	9.999 481		.200	
	cos	d	cotg	d	tang	sin	d	87°	P.P.

	158
1	15.8
2	31.6
3	47.4
4	63.2
5	79.0
6	94.8
7	110.6
8	126.4
9	142.2

	157
1	15.7
2	31.4
3	47.1
4	62.8
5	78.5
6	94.2
7	109.9
8	125.6
9	141.3

	156
1	15.6
2	31.2
3	46.8
4	62.4
5	78.0
6	93.6
7	109.2
8	124.8
9	140.4

	155
1	15.5
2	31.0
3	46.5
4	62.0
5	77.5
6	93.0
7	108.5
8	124.0
9	139.5

87°.250 — 87°.200

2°.800 — 2°.850

2°	sin	d	tang	d	cotg	cos	d		P.P.
.800	8.688 863		8.689 381		1.310 619	9.999 481		**.200**	
		154		156			0		
801	8.689 017		8.689 537		1.310 463	9.999 481		199	
		155		155			1		
802	8.689 172		8.689 692		1.310 308	9.999 480		198	
		155		155			0		
803	8.689 327		8.689 847		1.310 153	9.999 480		197	
		155		155			0		
804	8.689 482		8.690 002		1.309 998	9.999 480		196	
		155		155			1		
805	8.689 637		8.690 157		1.309 843	9.999 479		195	
		154		155			0		
806	8.689 791		8.690 312		1.309 688	9.999 479		194	
		155		155			0		
807	8.689 946		8.690 467		1.309 533	9.999 479		193	
		155		155			1		
808	8.690 101		8.690 622		1.309 378	9.999 478		192	
		154		155			0		
809	8.690 255		8.690 777		1.309 223	9.999 478		191	
		155		155			1		
.810	8.690 410		8.690 932		1.309 068	9.999 477		**.190**	
		154		155			0		
811	8.690 564		8.691 087		1.308 913	9.999 477		189	
		154		155			0		
812	8.690 718		8.691 242		1.308 758	9.999 477		188	
		155		154			1		
813	8.690 873		8.691 396		1.308 604	9.999 476		187	
		154		155			0		
814	8.691 027		8.691 551		1.308 449	9.999 476		186	
		154		154			0		
815	8.691 181		8.691 705		1.308 295	9.999 476		185	
		154		155			1		
816	8.691 335		8.691 860		1.308 140	9.999 475		184	
		154		154			0		
817	8.691 489		8.692 014		1.307 986	9.999 475		183	
		154		155			0		
818	8.691 643		8.692 169		1.307 831	9.999 475		182	
		154		154			1		
819	8.691 797		8.692 323		1.307 677	9.999 474		181	
		154		154			0		
.820	8.691 951		8.692 477		1.307 523	9.999 474		**.180**	
		154		155			1		
821	8.692 105		8.692 632		1.307 368	9.999 473		179	
		154		154			0		
822	8.692 259		8.692 786		1.307 214	9.999 473		178	
		154		154			0		
823	8.692 413		8.692 940		1.307 060	9.999 473		177	
		153		154			1		
824	8.692 566		8.693 094		1.306 906	9.999 472		176	
		154		154			0		
825	8.692 720		8.693 248		1.306 752	9.999 472		175	
		153		154			0		
826	8.692 873		8.693 402		1.306 598	9.999 472		174	
		154		154			1		
827	8.693 027		8.693 556		1.306 444	9.999 471		173	
		153		154			0		
828	8.693 180		8.693 710		1.306 290	9.999 471		172	
		154		153			1		
829	8.693 334		8.693 863		1.306 137	9.999 470		171	
		153		154			0		
.830	8.693 487		8.694 017		1.305 983	9.999 470		**.170**	
		154		154			0		
831	8.693 641		8.694 171		1.305 829	9.999 470		169	
		153		153			1		
832	8.693 794		8.694 324		1.305 676	9.999 469		168	
		153		154			0		
833	8.693 947		8.694 478		1.305 522	9.999 469		167	
		153		154			0		
834	8.694 100		8.694 632		1.305 368	9.999 469		166	
		153		153			1		
835	8.694 253		8.694 785		1.305 215	9.999 468		165	
		153		153			0		
836	8.694 406		8.694 938		1.305 062	9.999 468		164	
		153		154			1		
837	8.694 559		8.695 092		1.304 908	9.999 467		163	
		153		153			0		
838	8.694 712		8.695 245		1.304 755	9.999 467		162	
		153		153			0		
839	8.694 865		8.695 398		1.304 602	9.999 467		161	
		153		154			1		
.840	8.695 018		8.695 552		1.304 448	9.999 466		**.160**	
		153		153			0		
841	8.695 171		8.695 705		1.304 295	9.999 466		159	
		152		153			0		
842	8.695 323		8.695 858		1.304 142	9.999 466		158	
		153		153			1		
843	8.695 476		8.696 011		1.303 989	9.999 465		157	
		153		153			0		
844	8.695 629		8.696 164		1.303 836	9.999 465		156	
		152		153			1		
845	8.695 781		8.696 317		1.303 683	9.999 464		155	
		153		153			0		
846	8.695 934		8.696 470		1.303 530	9.999 464		154	
		152		152			0		
847	8.696 086		8.696 622		1.303 378	9.999 464		153	
		152		153			1		
848	8.696 238		8.696 775		1.303 225	9.999 463		152	
		153		153			0		
849	8.696 391		8.696 928		1.303 072	9.999 463		151	
		152		153			0		
.850	8.696 543		8.697 081		1.302 919	9.999 463		**.150**	
	cos	d	cotg	d	tang	sin	d	**87°**	P.P.

	156
1	15.6
2	31.2
3	46.8
4	62.4
5	78.0
6	93.6
7	109.2
8	124.8
9	140.4

	155
1	15.5
2	31.0
3	46.5
4	62.0
5	77.5
6	93.0
7	108.5
8	124.0
9	139.5

	154
1	15.4
2	30.8
3	46.2
4	61.6
5	77.0
6	92.4
7	107.8
8	123.2
9	138.6

	153
1	15.3
2	30.6
3	45.9
4	61.2
5	76.5
6	91.8
7	107.1
8	122.4
9	137.7

	152
1	15.2
2	30.4
3	45.6
4	60.8
5	76.0
6	91.2
7	106.4
8	121.6
9	136.8

87°.200 — 87°.150

2°.850 — 2°.900

2°	sin	d	tang	d	cotg	cos	d		P.P.
.850	8.696 543	152	8.697 081	152	1.302 919	9.999 463	1	**.150**	
851	8.696 695	153	8.697 233	153	1.302 767	9.999 462	0	149	153
852	8.696 848	152	8.697 386	152	1.302 614	9.999 462	1	148	1 15.3
853	8.697 000	152	8.697 538	153	1.302 462	9.999 461	0	147	2 30.6
854	8.697 152	152	8.697 691	152	1.302 309	9.999 461	0	146	3 45.9
855	8.697 304	152	8.697 843	152	1.302 157	9.999 461	1	145	4 61.2
856	8.697 456	152	8.697 995	153	1.302 005	9.999 460	0	144	5 76.5
857	8.697 608	151	8.698 148	152	1.301 852	9.999 460	1	143	6 91.8
858	8.697 759	152	8.698 300	152	1.301 700	9.999 459	0	142	7 107.1
859	8.697 911	152	8.698 452	152	1.301 548	9.999 459	0	141	8 122.4
.860	8.698 063	152	8.698 604	152	1.301 396	9.999 459	1	**.140**	9 137.7
861	8.698 215	151	8.698 756	152	1.301 244	9.999 458	0	139	152
862	8.698 366	152	8.698 908	152	1.301 092	9.999 458	0	138	1 15.2
863	8.698 518	152	8.699 060	152	1.300 940	9.999 458	1	137	2 30.4
864	8.698 670	151	8.699 212	152	1.300 788	9.999 457	0	136	3 45.6
865	8.698 821	151	8.699 364	152	1.300 636	9.999 457	1	135	4 60.8
866	8.698 972	152	8.699 516	152	1.300 484	9.999 456	0	134	5 76.0
867	8.699 124	151	8.699 668	151	1.300 332	9.999 456	0	133	6 91.2
868	8.699 275	151	8.699 819	152	1.300 181	9.999 456	1	132	7 106.4
869	8.699 426	152	8.699 971	152	1.300 029	9.999 455	0	131	8 121.6
.870	8.699 578	151	8.700 123	151	1.299 877	9.999 455	0	**.130**	9 136.8
871	8.699 729	151	8.700 274	152	1.299 726	9.999 455	1	129	151
872	8.699 880	151	8.700 426	151	1.299 574	9.999 454	0	128	1 15.1
873	8.700 031	151	8.700 577	152	1.299 423	9.999 454	1	127	2 30.2
874	8.700 182	151	8.700 729	151	1.299 271	9.999 453	0	126	3 45.3
875	8.700 333	151	8.700 880	151	1.299 120	9.999 453	0	125	4 60.4
876	8.700 484	151	8.701 031	151	1.298 969	9.999 453	1	124	5 75.5
877	8.700 635	151	8.701 182	152	1.298 818	9.999 452	0	123	6 90.6
878	8.700 786	150	8.701 334	151	1.298 666	9.999 452	0	122	7 105.7
879	8.700 936	151	8.701 485	151	1.298 515	9.999 452	1	121	8 120.8
.880	8.701 087	151	8.701 636	151	1.298 364	9.999 451	0	**.120**	9 135.9
881	8.701 238	150	8.701 787	151	1.298 213	9.999 451	1	119	150
882	8.701 388	151	8.701 938	151	1.298 062	9.999 450	0	118	1 15.0
883	8.701 539	150	8.702 089	151	1.297 911	9.999 450	0	117	2 30.0
884	8.701 689	151	8.702 240	150	1.297 760	9.999 450	1	116	3 45.0
885	8.701 840	150	8.702 390	151	1.297 610	9.999 449	0	115	4 60.0
886	8.701 990	150	8.702 541	151	1.297 459	9.999 449	1	114	5 75.0
887	8.702 140	151	8.702 692	151	1.297 308	9.999 448	0	113	6 90.0
888	8.702 291	150	8.702 843	150	1.297 157	9.999 448	0	112	7 105.0
889	8.702 441	150	8.702 993	151	1.297 007	9.999 448	1	111	8 120.0
.890	8.702 591	150	8.703 144	150	1.296 856	9.999 447	0	**.110**	9 135.0
891	8.702 741	150	8.703 294	151	1.296 706	9.999 447	0	109	149
892	8.702 891	150	8.703 445	150	1.296 555	9.999 447	1	108	1 14.9
893	8.703 041	150	8.703 595	150	1.296 405	9.999 446	0	107	2 29.8
894	8.703 191	150	8.703 745	151	1.296 255	9.999 446	1	106	3 44.7
895	8.703 341	150	8.703 896	150	1.296 104	9.999 445	0	105	4 59.6
896	8.703 491	150	8.704 046	150	1.295 954	9.999 445	0	104	5 74.5
897	8.703 641	150	8.704 196	150	1.295 804	9.999 445	1	103	6 89.4
898	8.703 791	149	8.704 346	150	1.295 654	9.999 444	0	102	7 104.3
899	8.703 940	150	8.704 496	150	1.295 504	9.999 444	1	101	8 119.2
.900	8.704 090		8.704 646		1.295 354	9.999 443		**.100**	9 134.1
	cos	d	cotg	d	tang	sin	d	**87°**	P.P.

87°.150 — 87°.100

2°.900 — 2°.950

2°	sin	d	tang	d	cotg	cos	d		P.P.
.900	8.704 090		8.704 646		1.295 354	9.999 443		**.100**	
		150		150			0		
901	8.704 240		8.704 796		1.295 204	9.999 443		099	
		149		150			0		
902	8.704 389		8.704 946		1.295 054	9.999 443		098	
		150		150			1		
903	8.704 539		8.705 096		1.294 904	9.999 442		097	
		149		150			0		
904	8.704 688		8.705 246		1.294 754	9.999 442		096	
		149		150			0		
905	8.704 837		8.705 396		1.294 604	9.999 442		095	
		150		150			1		
906	8.704 987		8.705 546		1.294 454	9.999 441		094	
		149		149			0		
907	8.705 136		8.705 695		1.294 305	9.999 441		093	
		149		150			1		
908	8.705 285		8.705 845		1.294 155	9.999 440		092	
		149		149			0		
909	8.705 434		8.705 994		1.294 006	9.999 440		091	
		150		150			0		
.910	8.705 584		8.706 144		1.293 856	9.999 440		**.090**	
		149		149			1		
911	8.705 733		8.706 293		1.293 707	9.999 439		089	
		149		150			0		
912	8.705 882		8.706 443		1.293 557	9.999 439		088	
		149		149			1		
913	8.706 031		8.706 592		1.293 408	9.999 438		087	
		149		150			0		
914	8.706 180		8.706 742		1.293 258	9.999 438		086	
		149		149			0		
915	8.706 329		8.706 891		1.293 109	9.999 438		085	
		148		149			1		
916	8.706 477		8.707 040		1.292 960	9.999 437		084	
		149		149			0		
917	8.706 626		8.707 189		1.292 811	9.999 437		083	
		149		149			0		
918	8.706 775		8.707 338		1.292 662	9.999 437		082	
		149		149			1		
919	8.706 924		8.707 487		1.292 513	9.999 436		081	
		148		149			0		
.920	8.707 072		8.707 636		1.292 364	9.999 436		**.080**	
		149		149			1		
921	8.707 221		8.707 785		1.292 215	9.999 435		079	
		148		149			0		
922	8.707 369		8.707 934		1.292 066	9.999 435		078	
		149		149			0		
923	8.707 518		8.708 083		1.291 917	9.999 435		077	
		148		149			1		
924	8.707 666		8.708 232		1.291 768	9.999 434		076	
		149		149			0		
925	8.707 815		8.708 381		1.291 619	9.999 434		075	
		148		148			1		
926	8.707 963		8.708 529		1.291 471	9.999 433		074	
		148		149			0		
927	8.708 111		8.708 678		1.291 322	9.999 433		073	
		148		149			0		
928	8.708 259		8.708 827		1.291 173	9.999 433		072	
		149		148			1		
929	8.708 408		8.708 975		1.291 025	9.999 432		071	
		148		149			0		
.930	8.708 556		8.709 124		1.290 876	9.999 432		**.070**	
		148		148			0		
931	8.708 704		8.709 272		1.290 728	9.999 432		069	
		148		149			1		
932	8.708 852		8.709 421		1.290 579	9.999 431		068	
		148		148			0		
933	8.709 000		8.709 569		1.290 431	9.999 431		067	
		148		148			1		
934	8.709 148		8.709 717		1.290 283	9.999 430		066	
		148		149			0		
935	8.709 296		8.709 866		1.290 134	9.999 430		065	
		147		148			0		
936	8.709 443		8.710 014		1.289 986	9.999 430		064	
		148		148			1		
937	8.709 591		8.710 162		1.289 838	9.999 429		063	
		148		148			0		
938	8.709 739		8.710 310		1.289 690	9.999 429		062	
		147		148			1		
939	8.709 886		8.710 458		1.289 542	9.999 428		061	
		148		148			0		
.940	8.710 034		8.710 606		1.289 394	9.999 428		**.060**	
		148		148			0		
941	8.710 182		8.710 754		1.289 246	9.999 428		059	
		147		148			1		
942	8.710 329		8.710 902		1.289 098	9.999 427		058	
		148		148			0		
943	8.710 477		8.711 050		1.288 950	9.999 427		057	
		147		148			1		
944	8.710 624		8.711 198		1.288 802	9.999 426		056	
		147		147			0		
945	8.710 771		8.711 345		1.288 655	9.999 426		055	
		148		148			0		
946	8.710 919		8.711 493		1.288 507	9.999 426		054	
		147		148			1		
947	8.711 066		8.711 641		1.288 359	9.999 425		053	
		147		147			0		
948	8.711 213		8.711 788		1.288 212	9.999 425		052	
		147		148			1		
949	8.711 360		8.711 936		1.288 064	9.999 424		051	
		147		147			0		
.950	8.711 507		8.712 083		1.287 917	9.999 424		**.050**	
	cos	d	cotg	d	tang	sin	d	**87°**	P.P.

	150
1	15.0
2	30.0
3	45.0
4	60.0
5	75.0
6	90.0
7	105.0
8	120.0
9	135.0

	149
1	14.9
2	29.8
3	44.7
4	59.6
5	74.5
6	89.4
7	104.3
8	119.2
9	134.1

	148
1	14.8
2	29.6
3	44.4
4	59.2
5	74.0
6	88.8
7	103.6
8	118.4
9	133.2

	147
1	14.7
2	29.4
3	44.1
4	58.8
5	73.5
6	88.2
7	102.9
8	117.6
9	132.3

87°.100 — 87°.050

2°.950 — 3°.000

2°	sin	d	tang	d	cotg	cos	d		P.P.
.950	8.711 507	148	8.712 083	148	1.287 917	9.999 424	0	**.050**	
951	8.711 655	147	8.712 231	147	1.287 769	9.999 424	1	049	
952	8.711 802	147	8.712 378	148	1.287 622	9.999 423	0	048	
953	8.711 949	146	8.712 526	147	1.287 474	9.999 423	0	047	
954	8.712 095	147	8.712 673	147	1.287 327	9.999 423	1	046	
955	8.712 242	147	8.712 820	147	1.287 180	9.999 422	0	045	
956	8.712 389	147	8.712 967	148	1.287 033	9.999 422	1	044	
957	8.712 536	147	8.713 115	147	1.286 885	9.999 421	0	043	
958	8.712 683	146	8.713 262	147	1.286 738	9.999 421	0	042	
959	8.712 829	147	8.713 409	147	1.286 591	9.999 421	1	041	
.960	8.712 976	146	8.713 556	147	1.286 444	9.999 420	0	**.040**	
961	8.713 122	147	8.713 703	147	1.286 297	9.999 420	1	039	
962	8.713 269	146	8.713 850	146	1.286 150	9.999 419	0	038	
963	8.713 415	147	8.713 996	147	1.286 004	9.999 419	0	037	
964	8.713 562	146	8.714 143	147	1.285 857	9.999 419	1	036	
965	8.713 708	147	8.714 290	147	1.285 710	9.999 418	0	035	
966	8.713 855	146	8.714 437	146	1.285 563	9.999 418	1	034	
967	8.714 001	146	8.714 583	147	1.285 417	9.999 417	0	033	
968	8.714 147	146	8.714 730	147	1.285 270	9.999 417	0	032	
969	8.714 293	146	8.714 877	146	1.285 123	9.999 417	1	031	
.970	8.714 439	146	8.715 023	147	1.284 977	9.999 416	0	**.030**	
971	8.714 585	146	8.715 170	146	1.284 830	9.999 416	1	029	
972	8.714 731	146	8.715 316	146	1.284 684	9.999 415	0	028	
973	8.714 877	146	8.715 462	147	1.284 538	9.999 415	0	027	
974	8.715 023	146	8.715 609	146	1.284 391	9.999 415	1	026	
975	8.715 169	146	8.715 755	146	1.284 245	9.999 414	0	025	
976	8.715 315	146	8.715 901	146	1.284 099	9.999 414	0	024	
977	8.715 461	146	8.716 047	146	1.283 953	9.999 414	1	023	
978	8.715 607	145	8.716 193	146	1.283 807	9.999 413	0	022	
979	8.715 752	146	8.716 339	146	1.283 661	9.999 413	1	021	
.980	8.715 898	145	8.716 485	146	1.283 515	9.999 412	0	**.020**	
981	8.716 043	146	8.716 631	146	1.283 369	9.999 412	0	019	
982	8.716 189	145	8.716 777	146	1.283 223	9.999 412	1	018	
983	8.716 334	146	8.716 923	146	1.283 077	9.999 411	0	017	
984	8.716 480	145	8.717 069	146	1.282 931	9.999 411	1	016	
985	8.716 625	146	8.717 215	146	1.282 785	9.999 410	0	015	
986	8.716 771	145	8.717 361	145	1.282 639	9.999 410	0	014	
987	8.716 916	145	8.717 506	146	1.282 494	9.999 410	1	013	
988	8.717 061	145	8.717 652	146	1.282 348	9.999 409	0	012	
989	8.717 206	145	8.717 798	145	1.282 202	9.999 409	1	011	
.990	8.717 351	146	8.717 943	146	1.282 057	9.999 408	0	**.010**	
991	8.717 497	145	8.718 089	145	1.281 911	9.999 408	0	009	
992	8.717 642	145	8.718 234	145	1.281 766	9.999 408	1	008	
993	8.717 787	144	8.718 379	146	1.281 621	9.999 407	0	007	
994	8.717 931	145	8.718 525	145	1.281 475	9.999 407	1	006	
995	8.718 076	145	8.718 670	145	1.281 330	9.999 406	0	005	
996	8.718 221	145	8.718 815	145	1.281 185	9.999 406	0	004	
997	8.718 366	145	8.718 960	146	1.281 040	9.999 406	1	003	
998	8.718 511	145	8.719 106	145	1.280 894	9.999 405	0	002	
999	8.718 656	144	8.719 251	145	1.280 749	9.999 405	1	001	
*.000	8.718 800		8.719 396		1.280 604	9.999 404		**.000**	
	cos	d	cotg	d	tang	sin	d	**87°**	P.P.

	148
1	14.8
2	29.6
3	44.4
4	59.2
5	74.0
6	88.8
7	103.6
8	118.4
9	133.2

	147
1	14.7
2	29.4
3	44.1
4	58.8
5	73.5
6	88.2
7	102.9
8	117.6
9	132.3

	146
1	14.6
2	29.2
3	43.8
4	58.4
5	73.0
6	87.6
7	102.2
8	116.8
9	131.4

	145
1	14.5
2	29.0
3	43.5
4	58.0
5	72.5
6	87.0
7	101.5
8	116.0
9	130.5

	144
1	14.4
2	28.8
3	43.2
4	57.6
5	72.0
6	86.4
7	100.8
8	115.2
9	129.6

87°.050 — 87°.000

3°.000 — 3°.050

3°	sin	d	tang	d	cotg	cos	d		P.P.
.000	8.718 800		8.719 396		1.280 604	9.999 404		***000**	
		145		145			0		
001	8.718 945		8.719 541		1.280 459	9.999 404		999	
		144		145			0		
002	8.719 089		8.719 686		1.280 314	9.999 404		998	
		145		145			1		
003	8.719 234		8.719 831		1.280 169	9.999 403		997	
		144		144			0		
004	8.719 378		8.719 975		1.280 025	9.999 403		996	
		145		145			1		
005	8.719 523		8.720 120		1.279 880	9.999 402		995	
		144		145			0		
006	8.719 667		8.720 265		1.279 735	9.999 402		994	
		144		145			0		
007	8.719 811		8.720 410		1.279 590	9.999 402		993	
		145		144			1		
008	8.719 956		8.720 554		1.279 446	9.999 401		992	
		144		145			0		
009	8.720 100		8.720 699		1.279 301	9.999 401		991	
		144		145			1		
.010	8.720 244		8.720 844		1.279 156	9.999 400		**.990**	
		144		144			0		
011	8.720 388		8.720 988		1.279 012	9.999 400		989	
		144		145			0		
012	8.720 532		8.721 133		1.278 867	9.999 400		988	
		144		144			1		
013	8.720 676		8.721 277		1.278 723	9.999 399		987	
		144		144			0		
014	8.720 820		8.721 421		1.278 579	9.999 399		986	
		144		145			1		
015	8.720 964		8.721 566		1.278 434	9.999 398		985	
		144		144			0		
016	8.721 108		8.721 710		1.278 290	9.999 398		984	
		144		144			0		
017	8.721 252		8.721 854		1.278 146	9.999 398		983	
		144		145			1		
018	8.721 396		8.721 999		1.278 001	9.999 397		982	
		143		144			0		
019	8.721 539		8.722 143		1.277 857	9.999 397		981	
		144		144			1		
.020	8.721 683		8.722 287		1.277 713	9.999 396		**.980**	
		144		144			0		
021	8.721 827		8.722 431		1.277 569	9.999 396		979	
		143		144			0		
022	8.721 970		8.722 575		1.277 425	9.999 396		978	
		144		144			1		
023	8.722 114		8.722 719		1.277 281	9.999 395		977	
		144		144			0		
024	8.722 258		8.722 863		1.277 137	9.999 395		976	
		143		144			1		
025	8.722 401		8.723 007		1.276 993	9.999 394		975	
		143		143			0		
026	8.722 544		8.723 150		1.276 850	9.999 394		974	
		144		144			0		
027	8.722 688		8.723 294		1.276 706	9.999 394		973	
		143		144			1		
028	8.722 831		8.723 438		1.276 562	9.999 393		972	
		143		143			0		
029	8.722 974		8.723 581		1.276 419	9.999 393		971	
		144		144			1		
.030	8.723 118		8.723 725		1.276 275	9.999 392		**.970**	
		143		144			0		
031	8.723 261		8.723 869		1.276 131	9.999 392		969	
		143		143			0		
032	8.723 404		8.724 012		1.275 988	9.999 392		968	
		143		144			1		
033	8.723 547		8.724 156		1.275 844	9.999 391		967	
		143		143			0		
034	8.723 690		8.724 299		1.275 701	9.999 391		966	
		143		144			1		
035	8.723 833		8.724 443		1.275 557	9.999 390		965	
		143		143			0		
036	8.723 976		8.724 586		1.275 414	9.999 390		964	
		143		143			0		
037	8.724 119		8.724 729		1.275 271	9.999 390		963	
		143		143			1		
038	8.724 262		8.724 872		1.275 128	9.999 389		962	
		142		144			0		
039	8.724 404		8.725 016		1.274 984	9.999 389		961	
		143		143			1		
.040	8.724 547		8.725 159		1.274 841	9.999 388		**.960**	
		143		143			0		
041	8.724 690		8.725 302		1.274 698	9.999 388		959	
		143		143			0		
042	8.724 833		8.725 445		1.274 555	9.999 388		958	
		142		143			1		
043	8.724 975		8.725 588		1.274 412	9.999 387		957	
		143		143			0		
044	8.725 118		8.725 731		1.274 269	9.999 387		956	
		142		143			1		
045	8.725 260		8.725 874		1.274 126	9.999 386		955	
		143		143			0		
046	8.725 403		8.726 017		1.273 983	9.999 386		954	
		142		143			0		
047	8.725 545		8.726 160		1.273 840	9.999 386		953	
		142		142			1		
048	8.725 687		8.726 302		1.273 698	9.999 385		952	
		143		143			0		
049	8.725 830		8.726 445		1.273 555	9.999 385		951	
		142		143			1		
.050	8.725 972		8.726 588		1.273 412	9.999 384		**.950**	
	cos	d	cotg	d	tang	sin	d	**86°**	P.P.

	145
1	14.5
2	29.0
3	43.5
4	58.0
5	72.5
6	87.0
7	101.5
8	116.0
9	130.5

	144
1	14.4
2	28.8
3	43.2
4	57.6
5	72.0
6	86.4
7	100.8
8	115.2
9	129.6

	143
1	14.3
2	28.6
3	42.9
4	57.2
5	71.5
6	85.8
7	100.1
8	114.4
9	128.7

	142
1	14.2
2	28.4
3	42.6
4	56.8
5	71.0
6	85.2
7	99.4
8	113.6
9	127.8

87°.000 — 86°.950

3°.050 — 3°.100

3°	sin	d	tang	d	cotg	cos	d		P.P.
.050	8.725 972	142	8.726 588	142	1.273 412	9.999 384	0	**.950**	
051	8.726 114	142	8.726 730	143	1.273 270	9.999 384	0	949	
052	8.726 256	143	8.726 873	142	1.273 127	9.999 384	1	948	
053	8.726 399	142	8.727 015	143	1.272 985	9.999 383	0	947	
054	8.726 541	142	8.727 158	142	1.272 842	9.999 383	1	946	
055	8.726 683	142	8.727 300	143	1.272 700	9.999 382	0	945	
056	8.726 825	142	8.727 443	142	1.272 557	9.999 382	0	944	
057	8.726 967	142	8.727 585	142	1.272 415	9.999 382	1	943	
058	8.727 109	142	8.727 727	143	1.272 273	9.999 381	0	942	
059	8.727 251	141	8.727 870	142	1.272 130	9.999 381	1	941	
.060	8.727 392	142	8.728 012	142	1.271 988	9.999 380	0	**.940**	
061	8.727 534	142	8.728 154	142	1.271 846	9.999 380	0	939	
062	8.727 676	141	8.728 296	142	1.271 704	9.999 380	1	938	
063	8.727 817	142	8.728 438	142	1.271 562	9.999 379	0	937	
064	8.727 959	142	8.728 580	142	1.271 420	9.999 379	1	936	
065	8.728 101	141	8.728 722	142	1.271 278	9.999 378	0	935	
066	8.728 242	142	8.728 864	142	1.271 136	9.999 378	1	934	
067	8.728 384	141	8.729 006	142	1.270 994	9.999 377	0	933	
068	8.728 525	142	8.729 148	142	1.270 852	9.999 377	0	932	
069	8.728 667	141	8.729 290	142	1.270 710	9.999 377	1	931	
.070	8.728 808	141	8.729 432	141	1.270 568	9.999 376	0	**.930**	
071	8.728 949	141	8.729 573	142	1.270 427	9.999 376	1	929	
072	8.729 090	142	8.729 715	142	1.270 285	9.999 375	0	928	
073	8.729 232	141	8.729 857	141	1.270 143	9.999 375	0	927	
074	8.729 373	141	8.729 998	142	1.270 002	9.999 375	1	926	
075	8.729 514	141	8.730 140	141	1.269 860	9.999 374	0	925	
076	8.729 655	141	8.730 281	142	1.269 719	9.999 374	1	924	
077	8.729 796	141	8.730 423	141	1.269 577	9.999 373	0	923	
078	8.729 937	141	8.730 564	141	1.269 436	9.999 373	0	922	
079	8.730 078	141	8.730 705	142	1.269 295	9.999 373	1	921	
.080	8.730 219	141	8.730 847	141	1.269 153	9.999 372	0	**.920**	
081	8.730 360	141	8.730 988	141	1.269 012	9.999 372	1	919	
082	8.730 501	140	8.731 129	141	1.268 871	9.999 371	0	918	
083	8.730 641	141	8.731 270	141	1.268 730	9.999 371	0	917	
084	8.730 782	141	8.731 411	142	1.268 589	9.999 371	1	916	
085	8.730 923	140	8.731 553	141	1.268 447	9.999 370	0	915	
086	8.731 063	141	8.731 694	141	1.268 306	9.999 370	1	914	
087	8.731 204	140	8.731 835	140	1.268 165	9.999 369	0	913	
088	8.731 344	141	8.731 975	141	1.268 025	9.999 369	0	912	
089	8.731 485	140	8.732 116	141	1.267 884	9.999 369	1	911	
.090	8.731 625	141	8.732 257	141	1.267 743	9.999 368	0	**.910**	
091	8.731 766	140	8.732 398	141	1.267 602	9.999 368	1	909	
092	8.731 906	140	8.732 539	140	1.267 461	9.999 367	0	908	
093	8.732 046	141	8.732 679	141	1.267 321	9.999 367	1	907	
094	8.732 187	140	8.732 820	141	1.267 180	9.999 366	0	906	
095	8.732 327	140	8.732 961	140	1.267 039	9.999 366	0	905	
096	8.732 467	140	8.733 101	141	1.266 899	9.999 366	1	904	
097	8.732 607	140	8.733 242	140	1.266 758	9.999 365	0	903	
098	8.732 747	140	8.733 382	141	1.266 618	9.999 365	1	902	
099	8.732 887	140	8.733 523	140	1.266 477	9.999 364	0	901	
.100	8.733 027		8.733 663		1.266 337	9.999 364		**.900**	
	cos	d	cotg	d	tang	sin	d	**86°**	P.P.

	143
1	14.3
2	28.6
3	42.9
4	57.2
5	71.5
6	85.8
7	100.1
8	114.4
9	128.7

	142
1	14.2
2	28.4
3	42.6
4	56.8
5	71.0
6	85.2
7	99.4
8	113.6
9	127.8

	141
1	14.1
2	28.2
3	42.3
4	56.4
5	70.5
6	84.6
7	98.7
8	112.8
9	126.9

	140
1	14.0
2	28.0
3	42.0
4	56.0
5	70.0
6	84.0
7	98.0
8	112.0
9	126.0

86°.950 — 86°.900

3°.100 — 3°.150

3°	sin	d	tang	d	cotg	cos	d		P.P.
.100	8.733 027	140	8.733 663	140	1.266 337	9.999 364	0	.900	
101	8.733 167	140	8.733 803	141	1.266 197	9.999 364	1	899	
102	8.733 307	140	8.733 944	140	1.266 056	9.999 363	0	898	
103	8.733 447	140	8.734 084	140	1.265 916	9.999 363	1	897	
104	8.733 587	139	8.734 224	140	1.265 776	9.999 362	0	896	
105	8.733 726	140	8.734 364	141	1.265 636	9.999 362	0	895	
106	8.733 866	140	8.734 505	140	1.265 495	9.999 362	1	894	
107	8.734 006	139	8.734 645	140	1.265 355	9.999 361	0	893	
108	8.734 145	140	8.734 785	140	1.265 215	9.999 361	1	892	
109	8.734 285	139	8.734 925	140	1.265 075	9.999 360	0	891	
.110	8.734 424	140	8.735 065	139	1.264 935	9.999 360	1	.890	
111	8.734 564	139	8.735 204	140	1.264 796	9.999 359	0	889	
112	8.734 703	140	8.735 344	140	1.264 656	9.999 359	0	888	
113	8.734 843	139	8.735 484	140	1.264 516	9.999 359	1	887	
114	8.734 982	139	8.735 624	140	1.264 376	9.999 358	0	886	
115	8.735 121	140	8.735 764	139	1.264 236	9.999 358	1	885	
116	8.735 261	139	8.735 903	140	1.264 097	9.999 357	0	884	
117	8.735 400	139	8.736 043	139	1.263 957	9.999 357	0	883	
118	8.735 539	139	8.736 182	140	1.263 818	9.999 357	1	882	
119	8.735 678	139	8.736 322	140	1.263 678	9.999 356	0	881	
.120	8.735 817	139	8.736 462	139	1.263 538	9.999 356	1	.880	
121	8.735 956	139	8.736 601	139	1.263 399	9.999 355	0	879	
122	8.736 095	139	8.736 740	140	1.263 260	9.999 355	0	878	
123	8.736 234	139	8.736 880	139	1.263 120	9.999 355	1	877	
124	8.736 373	139	8.737 019	139	1.262 981	9.999 354	0	876	
125	8.736 512	139	8.737 158	140	1.262 842	9.999 354	1	875	
126	8.736 651	139	8.737 298	139	1.262 702	9.999 353	0	874	
127	8.736 790	138	8.737 437	139	1.262 563	9.999 353	1	873	
128	8.736 928	139	8.737 576	139	1.262 424	9.999 352	0	872	
129	8.737 067	139	8.737 715	139	1.262 285	9.999 352	0	871	
.130	8.737 206	138	8.737 854	139	1.262 146	9.999 352	1	.870	
131	8.737 344	139	8.737 993	139	1.262 007	9.999 351	0	869	
132	8.737 483	138	8.738 132	139	1.261 868	9.999 351	1	868	
133	8.737 621	139	8.738 271	139	1.261 729	9.999 350	0	867	
134	8.737 760	138	8.738 410	139	1.261 590	9.999 350	0	866	
135	8.737 898	139	8.738 549	138	1.261 451	9.999 350	1	865	
136	8.738 037	138	8.738 687	139	1.261 313	9.999 349	0	864	
137	8.738 175	138	8.738 826	139	1.261 174	9.999 349	1	863	
138	8.738 313	138	8.738 965	138	1.261 035	9.999 348	0	862	
139	8.738 451	139	8.739 103	139	1.260 897	9.999 348	1	861	
.140	8.738 590	138	8.739 242	139	1.260 758	9.999 347	0	.860	
141	8.738 728	138	8.739 381	138	1.260 619	9.999 347	0	859	
142	8.738 866	138	8.739 519	139	1.260 481	9.999 347	1	858	
143	8.739 004	138	8.739 658	138	1.260 342	9.999 346	0	857	
144	8.739 142	138	8.739 796	138	1.260 204	9.999 346	1	856	
145	8.739 280	138	8.739 934	139	1.260 066	9.999 345	0	855	
146	8.739 418	138	8.740 073	138	1.259 927	9.999 345	0	854	
147	8.739 556	138	8.740 211	138	1.259 789	9.999 345	1	853	
148	8.739 694	137	8.740 349	139	1.259 651	9.999 344	0	852	
149	8.739 831	138	8.740 488	138	1.259 512	9.999 344	1	851	
.150	8.739 969		8.740 626		1.259 374	9.999 343		.850	
	cos	d	cotg	d	tang	sin	d	86°	P.P.

	141
1	14.1
2	28.2
3	42.3
4	56.4
5	70.5
6	84.6
7	98.7
8	112.8
9	126.9

	140
1	14.0
2	28.0
3	42.0
4	56.0
5	70.0
6	84.0
7	98.0
8	112.0
9	126.0

	139
1	13.9
2	27.8
3	41.7
4	55.6
5	69.5
6	83.4
7	97.3
8	111.2
9	125.1

	138
1	13.8
2	27.6
3	41.4
4	55.2
5	69.0
6	82.8
7	96.6
8	110.4
9	124.2

	137
1	13.7
2	27.4
3	41.1
4	54.8
5	68.5
6	82.2
7	95.9
8	109.6
9	123.3

86°.900 — 86°.850

3°.150 — 3°.200

3°	sin	d	tang	d	cotg	cos	d		P.P.
.150	8.739 969	138	8.740 626	138	1.259 374	9.999 343	0	**.850**	
151	8.740 107	137	8.740 764	138	1.259 236	9.999 343	1	849	
152	8.740 244	138	8.740 902	138	1.259 098	9.999 342	0	848	
153	8.740 382	138	8.741 040	138	1.258 960	9.999 342	0	847	
154	8.740 520	137	8.741 178	138	1.258 822	9.999 342	1	846	
155	8.740 657	138	8.741 316	138	1.258 684	9.999 341	0	845	
156	8.740 795	137	8.741 454	138	1.258 546	9.999 341	1	844	
157	8.740 932	138	8.741 592	138	1.258 408	9.999 340	0	843	
158	8.741 070	137	8.741 730	137	1.258 270	9.999 340	0	842	
159	8.741 207	137	8.741 867	138	1.258 133	9.999 340	1	841	
.160	8.741 344	138	8.742 005	138	1.257 995	9.999 339	0	**.840**	
161	8.741 482	137	8.742 143	137	1.257 857	9.999 339	1	839	
162	8.741 619	137	8.742 280	138	1.257 720	9.999 338	0	838	
163	8.741 756	137	8.742 418	138	1.257 582	9.999 338	1	837	
164	8.741 893	137	8.742 556	137	1.257 444	9.999 337	0	836	
165	8.742 030	137	8.742 693	138	1.257 307	9.999 337	0	835	
166	8.742 167	137	8.742 831	137	1.257 169	9.999 337	1	834	
167	8.742 304	137	8.742 968	137	1.257 032	9.999 336	0	833	
168	8.742 441	137	8.743 105	138	1.256 895	9.999 336	1	832	
169	8.742 578	137	8.743 243	137	1.256 757	9.999 335	0	831	
.170	8.742 715	137	8.743 380	137	1.256 620	9.999 335	0	**.830**	
171	8.742 852	137	8.743 517	138	1.256 483	9.999 335	1	829	
172	8.742 989	136	8.743 655	137	1.256 345	9.999 334	0	828	
173	8.743 125	137	8.743 792	137	1.256 208	9.999 334	1	827	
174	8.743 262	137	8.743 929	137	1.256 071	9.999 333	0	826	
175	8.743 399	136	8.744 066	137	1.255 934	9.999 333	1	825	
176	8.743 535	137	8.744 203	137	1.255 797	9.999 332	0	824	
177	8.743 672	137	8.744 340	137	1.255 660	9.999 332	0	823	
178	8.743 809	136	8.744 477	137	1.255 523	9.999 332	1	822	
179	8.743 945	136	8.744 614	137	1.255 386	9.999 331	0	821	
.180	8.744 081	137	8.744 751	137	1.255 249	9.999 331	1	**.820**	
181	8.744 218	136	8.744 888	136	1.255 112	9.999 330	0	819	
182	8.744 354	137	8.745 024	137	1.254 976	9.999 330	1	818	
183	8.744 491	136	8.745 161	137	1.254 839	9.999 329	0	817	
184	8.744 627	136	8.745 298	136	1.254 702	9.999 329	0	816	
185	8.744 763	136	8.745 434	137	1.254 566	9.999 329	1	815	
186	8.744 899	136	8.745 571	137	1.254 429	9.999 328	0	814	
187	8.745 035	137	8.745 708	136	1.254 292	9.999 328	1	813	
188	8.745 172	136	8.745 844	137	1.254 156	9.999 327	0	812	
189	8.745 308	136	8.745 981	136	1.254 019	9.999 327	0	811	
.190	8.745 444	136	8.746 117	137	1.253 883	9.999 327	1	**.810**	
191	8.745 580	136	8.746 254	136	1.253 746	9.999 326	0	809	
192	8.745 716	135	8.746 390	136	1.253 610	9.999 326	1	808	
193	8.745 851	136	8.746 526	136	1.253 474	9.999 325	0	807	
194	8.745 987	136	8.746 662	137	1.253 338	9.999 325	1	806	
195	8.746 123	136	8.746 799	136	1.253 201	9.999 324	0	805	
196	8.746 259	136	8.746 935	136	1.253 065	9.999 324	0	804	
197	8.746 395	135	8.747 071	136	1.252 929	9.999 324	1	803	
198	8.746 530	136	8.747 207	136	1.252 793	9.999 323	0	802	
199	8.746 666	136	8.747 343	136	1.252 657	9.999 323	1	801	
.200	8.746 802		8.747 479		1.252 521	9.999 322		**.800**	
	cos	d	cotg	d	tang	sin	d	**86°**	P.P.

	138
1	13.8
2	27.6
3	41.4
4	55.2
5	69.0
6	82.8
7	96.6
8	110.4
9	124.2

	137
1	13.7
2	27.4
3	41.1
4	54.8
5	68.5
6	82.2
7	95.9
8	109.6
9	123.3

	136
1	13.6
2	27.2
3	40.8
4	54.4
5	68.0
6	81.6
7	95.2
8	108.8
9	122.4

	135
1	13.5
2	27.0
3	40.5
4	54.0
5	67.5
6	81.0
7	94.5
8	108.0
9	121.5

86°.850 — 86°.800

3°.200 — 3°.250

3°	sin	d	tang	d	cotg	cos	d		P.P.
.200	8.746 802	135	8.747 479	136	1.252 521	9.999 322	0	**.800**	
201	8.746 937	136	8.747 615	136	1.252 385	9.999 322	1	799	
202	8.747 073	135	8.747 751	136	1.252 249	9.999 321	0	798	
203	8.747 208	136	8.747 887	136	1.252 113	9.999 321	0	797	
204	8.747 344	135	8.748 023	136	1.251 977	9.999 321	1	796	
205	8.747 479	135	8.748 159	135	1.251 841	9.999 320	0	795	
206	8.747 614	136	8.748 294	136	1.251 706	9.999 320	1	794	
207	8.747 750	135	8.748 430	136	1.251 570	9.999 319	0	793	
208	8.747 885	135	8.748 566	136	1.251 434	9.999 319	1	792	
209	8.748 020	135	8.748 702	135	1.251 298	9.999 318	0	791	
.210	8.748 155	135	8.748 837	136	1.251 163	9.999 318	0	**.790**	
211	8.748 290	135	8.748 973	135	1.251 027	9.999 318	1	789	
212	8.748 425	135	8.749 108	136	1.250 892	9.999 317	0	788	
213	8.748 560	135	8.749 244	135	1.250 756	9.999 317	1	787	
214	8.748 695	135	8.749 379	135	1.250 621	9.999 316	0	786	
215	8.748 830	135	8.749 514	136	1.250 486	9.999 316	0	785	
216	8.748 965	135	8.749 650	135	1.250 350	9.999 316	1	784	
217	8.749 100	135	8.749 785	135	1.250 215	9.999 315	0	783	
218	8.749 235	135	8.749 920	136	1.250 080	9.999 315	1	782	
219	8.749 370	135	8.750 056	135	1.249 944	9.999 314	0	781	
.220	8.749 505	134	8.750 191	135	1.249 809	9.999 314	1	**.780**	
221	8.749 639	135	8.750 326	135	1.249 674	9.999 313	0	779	
222	8.749 774	135	8.750 461	135	1.249 539	9.999 313	0	778	
223	8.749 909	134	8.750 596	135	1.249 404	9.999 313	1	777	
224	8.750 043	135	8.750 731	135	1.249 269	9.999 312	0	776	
225	8.750 178	134	8.750 866	135	1.249 134	9.999 312	1	775	
226	8.750 312	135	8.751 001	135	1.248 999	9.999 311	0	774	
227	8.750 447	134	8.751 136	135	1.248 864	9.999 311	1	773	
228	8.750 581	134	8.751 271	135	1.248 729	9.999 310	0	772	
229	8.750 715	135	8.751 406	134	1.248 594	9.999 310	0	771	
.230	8.750 850	134	8.751 540	135	1.248 460	9.999 310	1	**.770**	
231	8.750 984	134	8.751 675	135	1.248 325	9.999 309	0	769	
232	8.751 118	135	8.751 810	134	1.248 190	9.999 309	1	768	
233	8.751 253	134	8.751 944	135	1.248 056	9.999 308	0	767	
234	8.751 387	134	8.752 079	134	1.247 921	9.999 308	1	766	
235	8.751 521	134	8.752 213	135	1.247 787	9.999 307	0	765	
236	8.751 655	134	8.752 348	134	1.247 652	9.999 307	0	764	
237	8.751 789	134	8.752 482	135	1.247 518	9.999 307	1	763	
238	8.751 923	134	8.752 617	134	1.247 383	9.999 306	0	762	
239	8.752 057	134	8.752 751	134	1.247 249	9.999 306	1	761	
.240	8.752 191	134	8.752 886	134	1.247 114	9.999 305	0	**.760**	
241	8.752 325	134	8.753 020	134	1.246 980	9.999 305	1	759	
242	8.752 459	133	8.753 154	134	1.246 846	9.999 304	0	758	
243	8.752 592	134	8.753 288	135	1.246 712	9.999 304	0	757	
244	8.752 726	134	8.753 423	134	1.246 577	9.999 304	1	756	
245	8.752 860	134	8.753 557	134	1.246 443	9.999 303	0	755	
246	8.752 994	133	8.753 691	134	1.246 309	9.999 303	1	754	
247	8.753 127	134	8.753 825	134	1.246 175	9.999 302	0	753	
248	8.753 261	133	8.753 959	134	1.246 041	9.999 302	1	752	
249	8.753 394	134	8.754 093	134	1.245 907	9.999 301	0	751	
.250	8.753 528		8.754 227		1.245 773	9.999 301		**.750**	
	cos	d	cotg	d	tang	sin	d	**86°**	P.P.

	136
1	13.6
2	27.2
3	40.8
4	54.4
5	68.0
6	81.6
7	95.2
8	108.8
9	122.4

	135
1	13.5
2	27.0
3	40.5
4	54.0
5	67.5
6	81.0
7	94.5
8	108.0
9	121.5

	134
1	13.4
2	26.8
3	40.2
4	53.6
5	67.0
6	80.4
7	93.8
8	107.2
9	120.6

	133
1	13.3
2	26.6
3	39.9
4	53.2
5	66.5
6	79.8
7	93.1
8	106.4
9	119.7

86°.800 — 86°.750

3°.250 — 3°.300

3°	sin	d	tang	d	cotg	cos	d		P.P.
.250	8.753 528		8.754 227		1.245 773	9.999 301		**.750**	
		133		134			0		
251	8.753 661		8.754 361		1.245 639	9.999 301		749	
		134		134			1		
252	8.753 795		8.754 495		1.245 505	9.999 300		748	
		133		133			0		
253	8.753 928		8.754 628		1.245 372	9.999 300		747	
		133		134			1		
254	8.754 061		8.754 762		1.245 238	9.999 299		746	
		134		134			0		
255	8.754 195		8.754 896		1.245 104	9.999 299		745	
		133		134			1		
256	8.754 328		8.755 030		1.244 970	9.999 298		744	
		133		133			0		
257	8.754 461		8.755 163		1.244 837	9.999 298		743	
		133		134			0		
258	8.754 594		8.755 297		1.244 703	9.999 298		742	
		134		133			1		
259	8.754 728		8.755 430		1.244 570	9.999 297		741	
		133		134			0		
.260	8.754 861		8.755 564		1.244 436	9.999 297		**.740**	
		133		133			1		
261	8.754 994		8.755 697		1.244 303	9.999 296		739	
		133		134			0		
262	8.755 127		8.755 831		1.244 169	9.999 296		738	
		133		133			1		
263	8.755 260		8.755 964		1.244 036	9.999 295		737	
		133		134			0		
264	8.755 393		8.756 098		1.243 902	9.999 295		736	
		132		133			1		
265	8.755 525		8.756 231		1.243 769	9.999 294		735	
		133		133			0		
266	8.755 658		8.756 364		1.243 636	9.999 294		734	
		133		134			0		
267	8.755 791		8.756 498		1.243 502	9.999 294		733	
		133		133			1		
268	8.755 924		8.756 631		1.243 369	9.999 293		732	
		133		133			0		
269	8.756 057		8.756 764		1.243 236	9.999 293		731	
		132		133			1		
.270	8.756 189		8.756 897		1.243 103	9.999 292		**.730**	
		133		133			0		
271	8.756 322		8.757 030		1.242 970	9.999 292		729	
		133		133			1		
272	8.756 455		8.757 163		1.242 837	9.999 291		728	
		132		133			0		
273	8.756 587		8.757 296		1.242 704	9.999 291		727	
		133		133			0		
274	8.756 720		8.757 429		1.242 571	9.999 291		726	
		132		133			1		
275	8.756 852		8.757 562		1.242 438	9.999 290		725	
		133		133			0		
276	8.756 985		8.757 695		1.242 305	9.999 290		724	
		132		133			1		
277	8.757 117		8.757 828		1.242 172	9.999 289		723	
		132		133			0		
278	8.757 249		8.757 961		1.242 039	9.999 289		722	
		133		132			1		
279	8.757 382		8.758 093		1.241 907	9.999 288		721	
		132		133			0		
.280	8.757 514		8.758 226		1.241 774	9.999 288		**.720**	
		132		133			0		
281	8.757 646		8.758 359		1.241 641	9.999 288		719	
		132		132			1		
282	8.757 778		8.758 491		1.241 509	9.999 287		718	
		133		133			0		
283	8.757 911		8.758 624		1.241 376	9.999 287		717	
		132		132			1		
284	8.758 043		8.758 756		1.241 244	9.999 286		716	
		132		133			0		
285	8.758 175		8.758 889		1.241 111	9.999 286		715	
		132		132			1		
286	8.758 307		8.759 021		1.240 979	9.999 285		714	
		132		133			0		
287	8.758 439		8.759 154		1.240 846	9.999 285		713	
		132		132			1		
288	8.758 571		8.759 286		1.240 714	9.999 284		712	
		132		133			0		
289	8.758 703		8.759 419		1.240 581	9.999 284		711	
		132		132			0		
.290	8.758 835		8.759 551		1.240 449	9.999 284		**.710**	
		131		132			1		
291	8.758 966		8.759 683		1.240 317	9.999 283		709	
		132		132			0		
292	8.759 098		8.759 815		1.240 185	9.999 283		708	
		132		133			1		
293	8.759 230		8.759 948		1.240 052	9.999 282		707	
		132		132			0		
294	8.759 362		8.760 080		1.239 920	9.999 282		706	
		131		132			1		
295	8.759 493		8.760 212		1.239 788	9.999 281		705	
		132		132			0		
296	8.759 625		8.760 344		1.239 656	9.999 281		704	
		132		132			0		
297	8.759 757		8.760 476		1.239 524	9.999 281		703	
		131		132			1		
298	8.759 888		8.760 608		1.239 392	9.999 280		702	
		132		132			0		
299	8.760 020		8.760 740		1.239 260	9.999 280		701	
		131		132			1		
.300	8.760 151		8.760 872		1.239 128	9.999 279		**.700**	
	cos	d	cotg	d	tang	sin	d	**86°**	P.P.

	134
1	13.4
2	26.8
3	40.2
4	53.6
5	67.0
6	80.4
7	93.8
8	107.2
9	120.6

	133
1	13.3
2	26.6
3	39.9
4	53.2
5	66.5
6	79.8
7	93.1
8	106.4
9	119.7

	132
1	13.2
2	26.4
3	39.6
4	52.8
5	66.0
6	79.2
7	92.4
8	105.6
9	118.8

	131
1	13.1
2	26.2
3	39.3
4	52.4
5	65.5
6	78.6
7	91.7
8	104.8
9	117.9

86°.750 — 86°.700

3°.300 — 3°.350

3°	sin	d	tang	d	cotg	cos	d		P.P.
.300	8.760 151	132	8.760 872	132	1.239 128	9.999 279	0	**.700**	
301	8.760 283	131	8.761 004	132	1.238 996	9.999 279	1	699	
302	8.760 414	131	8.761 136	131	1.238 864	9.999 278	0	698	
303	8.760 545	132	8.761 267	132	1.238 733	9.999 278	0	697	
304	8.760 677	131	8.761 399	132	1.238 601	9.999 278	1	696	
305	8.760 808	131	8.761 531	132	1.238 469	9.999 277	0	695	
306	8.760 939	131	8.761 663	131	1.238 337	9.999 277	1	694	
307	8.761 070	132	8.761 794	132	1.238 206	9.999 276	0	693	
308	8.761 202	131	8.761 926	131	1.238 074	9.999 276	1	692	
309	8.761 333	131	8.762 057	132	1.237 943	9.999 275	0	691	
.310	8.761 464	131	8.762 189	131	1.237 811	9.999 275	1	**.690**	
311	8.761 595	131	8.762 320	132	1.237 680	9.999 274	0	689	
312	8.761 726	131	8.762 452	131	1.237 548	9.999 274	0	688	
313	8.761 857	131	8.762 583	132	1.237 417	9.999 274	1	687	
314	8.761 988	131	8.762 715	131	1.237 285	9.999 273	0	686	
315	8.762 119	130	8.762 846	131	1.237 154	9.999 273	1	685	
316	8.762 249	131	8.762 977	131	1.237 023	9.999 272	0	684	
317	8.762 380	131	8.763 108	132	1.236 892	9.999 272	1	683	
318	8.762 511	131	8.763 240	131	1.236 760	9.999 271	0	682	
319	8.762 642	130	8.763 371	131	1.236 629	9.999 271	1	681	
.320	8.762 772	131	8.763 502	131	1.236 498	9.999 270	0	**.680**	
321	8.762 903	131	8.763 633	131	1.236 367	9.999 270	0	679	
322	8.763 034	130	8.763 764	131	1.236 236	9.999 270	1	678	
323	8.763 164	131	8.763 895	131	1.236 105	9.999 269	0	677	
324	8.763 295	130	8.764 026	131	1.235 974	9.999 269	1	676	
325	8.763 425	131	8.764 157	131	1.235 843	9.999 268	0	675	
326	8.763 556	130	8.764 288	131	1.235 712	9.999 268	1	674	
327	8.763 686	130	8.764 419	130	1.235 581	9.999 267	0	673	
328	8.763 816	131	8.764 549	131	1.235 451	9.999 267	0	672	
329	8.763 947	130	8.764 680	131	1.235 320	9.999 267	1	671	
.330	8.764 077	130	8.764 811	131	1.235 189	9.999 266	0	**.670**	
331	8.764 207	131	8.764 942	130	1.235 058	9.999 266	1	669	
332	8.764 338	130	8.765 072	131	1.234 928	9.999 265	0	668	
333	8.764 468	130	8.765 203	131	1.234 797	9.999 265	1	667	
334	8.764 598	130	8.765 334	130	1.234 666	9.999 264	0	666	
335	8.764 728	130	8.765 464	131	1.234 536	9.999 264	1	665	
336	8.764 858	130	8.765 595	130	1.234 405	9.999 263	0	664	
337	8.764 988	130	8.765 725	130	1.234 275	9.999 263	0	663	
338	8.765 118	130	8.765 855	131	1.234 145	9.999 263	1	662	
339	8.765 248	130	8.765 986	130	1.234 014	9.999 262	0	661	
.340	8.765 378	130	8.766 116	130	1.233 884	9.999 262	1	**.660**	
341	8.765 508	130	8.766 246	131	1.233 754	9.999 261	0	659	
342	8.765 638	129	8.766 377	130	1.233 623	9.999 261	1	658	
343	8.765 767	130	8.766 507	130	1.233 493	9.999 260	0	657	
344	8.765 897	130	8.766 637	130	1.233 363	9.999 260	1	656	
345	8.766 027	129	8.766 767	130	1.233 233	9.999 259	0	655	
346	8.766 156	130	8.766 897	130	1.233 103	9.999 259	0	654	
347	8.766 286	130	8.767 027	131	1.232 973	9.999 259	1	653	
348	8.766 416	129	8.767 158	130	1.232 842	9.999 258	0	652	
349	8.766 545	130	8.767 288	129	1.232 712	9.999 258	1	651	
.350	8.766 675		8.767 417		1.232 583	9.999 257		**.650**	
	cos	d	cotg	d	tang	sin	d	**86°**	P.P.

	132
1	13.2
2	26.4
3	39.6
4	52.8
5	66.0
6	79.2
7	92.4
8	105.6
9	118.8

	131
1	13.1
2	26.2
3	39.3
4	52.4
5	65.5
6	78.6
7	91.7
8	104.8
9	117.9

	130
1	13.0
2	26.0
3	39.0
4	52.0
5	65.0
6	78.0
7	91.0
8	104.0
9	117.0

	129
1	12.9
2	25.8
3	38.7
4	51.6
5	64.5
6	77.4
7	90.3
8	103.2
9	116.1

86°.700 — 86°.650

3°.350 — 3°.400

3°	sin	d	tang	d	cotg	cos	d		P.P.
.350	8.766 675	129	8.767 417	130	1.232 583	9.999 257	0	.650	
351	8.766 804	130	8.767 547	130	1.232 453	9.999 257	1	649	
352	8.766 934	129	8.767 677	130	1.232 323	9.999 256	0	648	
353	8.767 063	129	8.767 807	130	1.232 193	9.999 256	1	647	
354	8.767 192	130	8.767 937	130	1.232 063	9.999 255	0	646	130
355	8.767 322	129	8.768 067	129	1.231 933	9.999 255	0	645	1 13.0
356	8.767 451	129	8.768 196	130	1.231 804	9.999 255	1	644	2 26.0
357	8.767 580	129	8.768 326	130	1.231 674	9.999 254	0	643	3 39.0
358	8.767 709	130	8.768 456	129	1.231 544	9.999 254	1	642	4 52.0
359	8.767 839	129	8.768 585	130	1.231 415	9.999 253	0	641	5 65.0
.360	8.767 968	129	8.768 715	129	1.231 285	9.999 253	1	.640	6 78.0
361	8.768 097	129	8.768 844	130	1.231 156	9.999 252	0	639	7 91.0
362	8.768 226	129	8.768 974	129	1.231 026	9.999 252	1	638	8 104.0
363	8.768 355	129	8.769 103	130	1.230 897	9.999 251	0	637	9 117.0
364	8.768 484	129	8.769 233	129	1.230 767	9.999 251	0	636	
365	8.768 613	129	8.769 362	130	1.230 638	9.999 251	1	635	
366	8.768 742	128	8.769 492	129	1.230 508	9.999 250	0	634	129
367	8.768 870	129	8.769 621	129	1.230 379	9.999 250	1	633	1 12.9
368	8.768 999	129	8.769 750	129	1.230 250	9.999 249	0	632	2 25.8
369	8.769 128	129	8.769 879	129	1.230 121	9.999 249	1	631	3 38.7
.370	8.769 257	129	8.770 008	130	1.229 992	9.999 248	0	.630	4 51.6
371	8.769 386	128	8.770 138	129	1.229 862	9.999 248	1	629	5 64.5
372	8.769 514	129	8.770 267	129	1.229 733	9.999 247	0	628	6 77.4
373	8.769 643	128	8.770 396	129	1.229 604	9.999 247	0	627	7 90.3
374	8.769 771	129	8.770 525	129	1.229 475	9.999 246	1	626	8 103.2
375	8.769 900	128	8.770 654	129	1.229 346	9.999 246	0	625	9 116.1
376	8.770 028	129	8.770 783	129	1.229 217	9.999 245	1	624	
377	8.770 157	128	8.770 912	129	1.229 088	9.999 245	0	623	128
378	8.770 285	129	8.771 041	128	1.228 959	9.999 244	1	622	1 12.8
379	8.770 414	128	8.771 169	129	1.228 831	9.999 244	0	621	2 25.6
.380	8.770 542	128	8.771 298	129	1.228 702	9.999 243	1	.620	3 38.4
381	8.770 670	129	8.771 427	129	1.228 573	9.999 243	0	619	4 51.2
382	8.770 799	128	8.771 556	128	1.228 444	9.999 243	0	618	5 64.0
383	8.770 927	128	8.771 684	129	1.228 316	9.999 242	1	617	6 76.8
384	8.771 055	128	8.771 813	129	1.228 187	9.999 242	0	616	7 89.6
385	8.771 183	129	8.771 942	128	1.228 058	9.999 241	1	615	8 102.4
386	8.771 312	128	8.772 070	129	1.227 930	9.999 241	0	614	9 115.2
387	8.771 440	128	8.772 199	128	1.227 801	9.999 240	1	613	
388	8.771 568	128	8.772 327	129	1.227 673	9.999 240	0	612	
389	8.771 696	128	8.772 456	128	1.227 544	9.999 239	1	611	127
.390	8.771 824	128	8.772 584	129	1.227 416	9.999 239	0	.610	1 12.7
391	8.771 952	127	8.772 713	128	1.227 287	9.999 238	1	609	2 25.4
392	8.772 079	128	8.772 841	128	1.227 159	9.999 238	0	608	3 38.1
393	8.772 207	128	8.772 969	129	1.227 031	9.999 238	0	607	4 50.8
394	8.772 335	128	8.773 098	128	1.226 902	9.999 237	1	606	5 63.5
395	8.772 463	128	8.773 226	128	1.226 774	9.999 237	0	605	6 76.2
396	8.772 591	127	8.773 354	128	1.226 646	9.999 236	1	604	7 88.9
397	8.772 718	128	8.773 482	128	1.226 518	9.999 236	0	603	8 101.6
398	8.772 846	128	8.773 610	128	1.226 390	9.999 235	1	602	9 114.3
399	8.772 974	127	8.773 738	128	1.226 262	9.999 235	0	601	
.400	8.773 101		8.773 866		1.226 134	9.999 235		.600	
	cos	d	cotg	d	tang	sin	d	86°	P.P.

86°.650 — 86°.600

3°.400 — 3°.450

3°	sin	d	tang	d	cotg	cos	d		P.P.
.400	8.773 101	128	8.773 866	128	1.226 134	9.999 235	1	.600	
401	8.773 229	127	8.773 994	128	1.226 006	9.999 234	0	599	
402	8.773 356	128	8.774 122	128	1.225 878	9.999 234	0	598	
403	8.773 484	127	8.774 250	128	1.225 750	9.999 234	1	597	
404	8.773 611	128	8.774 378	128	1.225 622	9.999 233	0	596	
405	8.773 739	127	8.774 506	128	1.225 494	9.999 233	1	595	
406	8.773 866	128	8.774 634	128	1.225 366	9.999 232	0	594	
407	8.773 994	127	8.774 762	128	1.225 238	9.999 232	1	593	
408	8.774 121	127	8.774 890	127	1.225 110	9.999 231	0	592	
409	8.774 248	127	8.775 017	128	1.224 983	9.999 231	1	591	
.410	8.774 375	128	8.775 145	128	1.224 855	9.999 230	0	.590	
411	8.774 503	127	8.775 273	127	1.224 727	9.999 230	1	589	
412	8.774 630	127	8.775 400	128	1.224 600	9.999 229	0	588	
413	8.774 757	127	8.775 528	127	1.224 472	9.999 229	0	587	
414	8.774 884	127	8.775 655	128	1.224 345	9.999 229	1	586	
415	8.775 011	127	8.775 783	127	1.224 217	9.999 228	0	585	
416	8.775 138	127	8.775 910	128	1.224 090	9.999 228	1	584	
417	8.775 265	127	8.776 038	127	1.223 962	9.999 227	0	583	
418	8.775 392	127	8.776 165	127	1.223 835	9.999 227	1	582	
419	8.775 519	127	8.776 292	128	1.223 708	9.999 226	0	581	
.420	8.775 646	126	8.776 420	127	1.223 580	9.999 226	1	.580	
421	8.775 772	127	8.776 547	127	1.223 453	9.999 225	0	579	
422	8.775 899	127	8.776 674	127	1.223 326	9.999 225	0	578	
423	8.776 026	127	8.776 801	128	1.223 199	9.999 225	1	577	
424	8.776 153	126	8.776 929	127	1.223 071	9.999 224	0	576	
425	8.776 279	127	8.777 056	127	1.222 944	9.999 224	1	575	
426	8.776 406	126	8.777 183	127	1.222 817	9.999 223	0	574	
427	8.776 532	127	8.777 310	127	1.222 690	9.999 223	1	573	
428	8.776 659	127	8.777 437	127	1.222 563	9.999 222	0	572	
429	8.776 786	126	8.777 564	127	1.222 436	9.999 222	1	571	
.430	8.776 912	126	8.777 691	127	1.222 309	9.999 221	0	.570	
431	8.777 038	127	8.777 818	126	1.222 182	9.999 221	1	569	
432	8.777 165	126	8.777 944	127	1.222 056	9.999 220	0	568	
433	8.777 291	127	8.778 071	127	1.221 929	9.999 220	0	567	
434	8.777 418	126	8.778 198	127	1.221 802	9.999 220	1	566	
435	8.777 544	126	8.778 325	127	1.221 675	9.999 219	0	565	
436	8.777 670	126	8.778 452	126	1.221 548	9.999 219	1	564	
437	8.777 796	127	8.778 578	127	1.221 422	9.999 218	0	563	
438	8.777 923	126	8.778 705	127	1.221 295	9.999 218	1	562	
439	8.778 049	126	8.778 832	126	1.221 168	9.999 217	0	561	
.440	8.778 175	126	8.778 958	127	1.221 042	9.999 217	1	.560	
441	8.778 301	126	8.779 085	126	1.220 915	9.999 216	0	559	
442	8.778 427	126	8.779 211	127	1.220 789	9.999 216	1	558	
443	8.778 553	126	8.779 338	126	1.220 662	9.999 215	0	557	
444	8.778 679	126	8.779 464	126	1.220 536	9.999 215	1	556	
445	8.778 805	126	8.779 590	127	1.220 410	9.999 214	0	555	
446	8.778 931	126	8.779 717	126	1.220 283	9.999 214	0	554	
447	8.779 057	125	8.779 843	126	1.220 157	9.999 214	1	553	
448	8.779 182	126	8.779 969	127	1.220 031	9.999 213	0	552	
449	8.779 308	126	8.780 096	126	1.219 904	9.999 213	1	551	
.450	8.779 434		8.780 222		1.219 778	9.999 212		.550	
	cos	d	cotg	d	tang	sin	d	86°	P.P.

	128
1	12.8
2	25.6
3	38.4
4	51.2
5	64.0
6	76.8
7	89.6
8	102.4
9	115.2

	127
1	12.7
2	25.4
3	38.1
4	50.8
5	63.5
6	76.2
7	88.9
8	101.6
9	114.3

	126
1	12.6
2	25.2
3	37.8
4	50.4
5	63.0
6	75.6
7	88.2
8	100.8
9	113.4

	125
1	12.5
2	25.0
3	37.5
4	50.0
5	62.5
6	75.0
7	87.5
8	100.0
9	112.5

86°.600 — 86°.550

3°.450 — 3°.500

3°	sin	d	tang	d	cotg	cos	d		P.P.
.450	8.779 434	126	8.780 222	126	1.219 778	9.999 212	0	**.550**	
451	8.779 560	125	8.780 348	126	1.219 652	9.999 212	1	549	
452	8.779 685	126	8.780 474	126	1.219 526	9.999 211	0	548	
453	8.779 811	126	8.780 600	126	1.219 400	9.999 211	1	547	
454	8.779 937	125	8.780 726	126	1.219 274	9.999 210	0	546	
455	8.780 062	126	8.780 852	126	1.219 148	9.999 210	1	545	
456	8.780 188	125	8.780 978	126	1.219 022	9.999 209	0	544	
457	8.780 313	126	8.781 104	126	1.218 896	9.999 209	0	543	
458	8.780 439	125	8.781 230	126	1.218 770	9.999 209	1	542	
459	8.780 564	125	8.781 356	126	1.218 644	9.999 208	0	541	
.460	8.780 689	126	8.781 482	126	1.218 518	9.999 208	1	**.540**	
461	8.780 815	125	8.781 608	125	1.218 392	9.999 207	0	539	
462	8.780 940	125	8.781 733	126	1.218 267	9.999 207	1	538	
463	8.781 065	126	8.781 859	126	1.218 141	9.999 206	0	537	
464	8.781 191	125	8.781 985	126	1.218 015	9.999 206	1	536	
465	8.781 316	125	8.782 111	125	1.217 889	9.999 205	0	535	
466	8.781 441	125	8.782 236	126	1.217 764	9.999 205	1	534	
467	8.781 566	125	8.782 362	125	1.217 638	9.999 204	0	533	
468	8.781 691	125	8.782 487	126	1.217 513	9.999 204	0	532	
469	8.781 816	125	8.782 613	125	1.217 387	9.999 204	1	531	
.470	8.781 941	125	8.782 738	126	1.217 262	9.999 203	0	**.530**	
471	8.782 066	125	8.782 864	125	1.217 136	9.999 203	1	529	
472	8.782 191	125	8.782 989	126	1.217 011	9.999 202	0	528	
473	8.782 316	125	8.783 115	125	1.216 885	9.999 202	1	527	
474	8.782 441	125	8.783 240	125	1.216 760	9.999 201	0	526	
475	8.782 566	125	8.783 365	125	1.216 635	9.999 201	1	525	
476	8.782 691	124	8.783 490	126	1.216 510	9.999 200	0	524	
477	8.782 815	125	8.783 616	125	1.216 384	9.999 200	1	523	
478	8.782 940	125	8.783 741	125	1.216 259	9.999 199	0	522	
479	8.783 065	125	8.783 866	125	1.216 134	9.999 199	1	521	
.480	8.783 190	124	8.783 991	125	1.216 009	9.999 198	0	**.520**	
481	8.783 314	125	8.784 116	125	1.215 884	9.999 198	0	519	
482	8.783 439	124	8.784 241	125	1.215 759	9.999 198	1	518	
483	8.783 563	125	8.784 366	125	1.215 634	9.999 197	0	517	
484	8.783 688	124	8.784 491	125	1.215 509	9.999 197	1	516	
485	8.783 812	125	8.784 616	125	1.215 384	9.999 196	0	515	
486	8.783 937	124	8.784 741	125	1.215 259	9.999 196	1	514	
487	8.784 061	125	8.784 866	125	1.215 134	9.999 195	0	513	
488	8.784 186	124	8.784 991	125	1.215 009	9.999 195	1	512	
489	8.784 310	124	8.785 116	124	1.214 884	9.999 194	0	511	
.490	8.784 434	124	8.785 240	125	1.214 760	9.999 194	1	**.510**	
491	8.784 558	125	8.785 365	125	1.214 635	9.999 193	0	509	
492	8.784 683	124	8.785 490	124	1.214 510	9.999 193	1	508	
493	8.784 807	124	8.785 614	125	1.214 386	9.999 192	0	507	
494	8.784 931	124	8.785 739	125	1.214 261	9.999 192	0	506	
495	8.785 055	124	8.785 864	124	1.214 136	9.999 192	1	505	
496	8.785 179	124	8.785 988	125	1.214 012	9.999 191	0	504	
497	8.785 303	124	8.786 113	124	1.213 887	9.999 191	1	503	
498	8.785 427	124	8.786 237	125	1.213 763	9.999 190	0	502	
499	8.785 551	124	8.786 362	124	1.213 638	9.999 190	1	501	
.500	8.785 675		8.786 486		1.213 514	9.999 189		**.500**	
	cos	d	cotg	d	tang	sin	d	**86°**	P.P.

	126
1	12.6
2	25.2
3	37.8
4	50.4
5	63.0
6	75.6
7	88.2
8	100.8
9	113.4

	125
1	12.5
2	25.0
3	37.5
4	50.0
5	62.5
6	75.0
7	87.5
8	100.0
9	112.5

	124
1	12.4
2	24.8
3	37.2
4	49.6
5	62.0
6	74.4
7	86.8
8	99.2
9	111.6

86°.550 — 86°.500

3°.500 — 3°.550

3°	sin	d	tang	d	cotg	cos	d		P.P.
.500	8.785 675	124	8.786 486	124	1.213 514	9.999 189	0	.500	
501	8.785 799	124	8.786 610	125	1.213 390	9.999 189	1	499	
502	8.785 923	124	8.786 735	124	1.213 265	9.999 188	0	498	
503	8.786 047	124	8.786 859	124	1.213 141	9.999 188	1	497	
504	8.786 171	123	8.786 983	125	1.213 017	9.999 187	0	496	
505	8.786 294	124	8.787 108	124	1.212 892	9.999 187	1	495	
506	8.786 418	124	8.787 232	124	1.212 768	9.999 186	0	494	
507	8.786 542	124	8.787 356	124	1.212 644	9.999 186	1	493	
508	8.786 666	123	8.787 480	124	1.212 520	9.999 185	0	492	
509	8.786 789	124	8.787 604	124	1.212 396	9.999 185	0	491	
.510	8.786 913	123	8.787 728	124	1.212 272	9.999 185	1	.490	
511	8.787 036	124	8.787 852	124	1.212 148	9.999 184	0	489	
512	8.787 160	123	8.787 976	124	1.212 024	9.999 184	1	488	
513	8.787 283	124	8.788 100	124	1.211 900	9.999 183	0	487	
514	8.787 407	123	8.788 224	124	1.211 776	9.999 183	1	486	
515	8.787 530	124	8.788 348	124	1.211 652	9.999 182	0	485	
516	8.787 654	123	8.788 472	124	1.211 528	9.999 182	1	484	
517	8.787 777	123	8.788 596	123	1.211 404	9.999 181	0	483	
518	8.787 900	124	8.788 719	124	1.211 281	9.999 181	1	482	
519	8.788 024	123	8.788 843	124	1.211 157	9.999 180	0	481	
.520	8.788 147	123	8.788 967	124	1.211 033	9.999 180	1	.480	
521	8.788 270	123	8.789 091	123	1.210 909	9.999 179	0	479	
522	8.788 393	123	8.789 214	124	1.210 786	9.999 179	1	478	
523	8.788 516	123	8.789 338	123	1.210 662	9.999 178	0	477	
524	8.788 639	123	8.789 461	124	1.210 539	9.999 178	0	476	
525	8.788 762	124	8.789 585	123	1.210 415	9.999 178	1	475	
526	8.788 886	123	8.789 708	124	1.210 292	9.999 177	0	474	
527	8.789 009	122	8.789 832	123	1.210 168	9.999 177	1	473	
528	8.789 131	123	8.789 955	124	1.210 045	9.999 176	0	472	
529	8.789 254	123	8.790 079	123	1.209 921	9.999 176	1	471	
.530	8.789 377	123	8.790 202	123	1.209 798	9.999 175	0	.470	
531	8.789 500	123	8.790 325	124	1.209 675	9.999 175	1	469	
532	8.789 623	123	8.790 449	123	1.209 551	9.999 174	0	468	
533	8.789 746	123	8.790 572	123	1.209 428	9.999 174	1	467	
534	8.789 869	122	8.790 695	123	1.209 305	9.999 173	0	466	
535	8.789 991	123	8.790 818	123	1.209 182	9.999 173	1	465	
536	8.790 114	123	8.790 941	124	1.209 059	9.999 172	0	464	
537	8.790 237	122	8.791 065	123	1.208 935	9.999 172	1	463	
538	8.790 359	123	8.791 188	123	1.208 812	9.999 171	0	462	
539	8.790 482	122	8.791 311	123	1.208 689	9.999 171	0	461	
.540	8.790 604	123	8.791 434	123	1.208 566	9.999 171	1	.460	
541	8.790 727	122	8.791 557	123	1.208 443	9.999 170	0	459	
542	8.790 849	123	8.791 680	123	1.208 320	9.999 170	1	458	
543	8.790 972	122	8.791 803	122	1.208 197	9.999 169	0	457	
544	8.791 094	122	8.791 925	123	1.208 075	9.999 169	1	456	
545	8.791 216	123	8.792 048	123	1.207 952	9.999 168	0	455	
546	8.791 339	122	8.792 171	123	1.207 829	9.999 168	1	454	
547	8.791 461	122	8.792 294	123	1.207 706	9.999 167	0	453	
548	8.791 583	123	8.792 417	122	1.207 583	9.999 167	1	452	
549	8.791 706	122	8.792 539	123	1.207 461	9.999 166	0	451	
.550	8.791 828		8.792 662		1.207 338	9.999 166		.450	
	cos	d	cotg	d	tang	sin	d	86°	P.P.

	125
1	12.5
2	25.0
3	37.5
4	50.0
5	62.5
6	75.0
7	87.5
8	100.0
9	112.5

	124
1	12.4
2	24.8
3	37.2
4	49.6
5	62.0
6	74.4
7	86.8
8	99.2
9	111.6

	123
1	12.3
2	24.6
3	36.9
4	49.2
5	61.5
6	73.8
7	86.1
8	98.4
9	110.7

	122
1	12.2
2	24.4
3	36.6
4	48.8
5	61.0
6	73.2
7	85.4
8	97.6
9	109.8

86°.500 — 86°.450

3°.550 — 3°.600

3°	sin	d	tang	d	cotg	cos	d		P.P.
.550	8.791 828	122	8.792 662	123	1.207 338	9.999 166	1	.450	
551	8.791 950	122	8.792 785	122	1.207 215	9.999 165	0	449	
552	8.792 072	122	8.792 907	123	1.207 093	9.999 165	1	448	
553	8.792 194	122	8.793 030	122	1.206 970	9.999 164	0	447	
554	8.792 316	122	8.793 152	123	1.206 848	9.999 164	1	446	
555	8.792 438	122	8.793 275	122	1.206 725	9.999 163	0	445	
556	8.792 560	122	8.793 397	123	1.206 603	9.999 163	0	444	
557	8.792 682	122	8.793 520	122	1.206 480	9.999 163	1	443	
558	8.792 804	122	8.793 642	122	1.206 358	9.999 162	0	442	
559	8.792 926	122	8.793 764	123	1.206 236	9.999 162	1	441	
.560	8.793 048	122	8.793 887	122	1.206 113	9.999 161	0	.440	
561	8.793 170	121	8.794 009	122	1.205 991	9.999 161	1	439	
562	8.793 291	122	8.794 131	123	1.205 869	9.999 160	0	438	
563	8.793 413	122	8.794 254	122	1.205 746	9.999 160	1	437	
564	8.793 535	122	8.794 376	122	1.205 624	9.999 159	0	436	
565	8.793 657	121	8.794 498	122	1.205 502	9.999 159	1	435	
566	8.793 778	122	8.794 620	122	1.205 380	9.999 158	0	434	
567	8.793 900	121	8.794 742	122	1.205 258	9.999 158	1	433	
568	8.794 021	122	8.794 864	122	1.205 136	9.999 157	0	432	
569	8.794 143	122	8.794 986	122	1.205 014	9.999 157	1	431	
.570	8.794 265	121	8.795 108	122	1.204 892	9.999 156	0	.430	
571	8.794 386	121	8.795 230	122	1.204 770	9.999 156	1	429	
572	8.794 507	122	8.795 352	122	1.204 648	9.999 155	0	428	
573	8.794 629	121	8.795 474	122	1.204 526	9.999 155	0	427	
574	8.794 750	122	8.795 596	122	1.204 404	9.999 155	1	426	
575	8.794 872	121	8.795 718	121	1.204 282	9.999 154	0	425	
576	8.794 993	121	8.795 839	122	1.204 161	9.999 154	1	424	
577	8.795 114	121	8.795 961	122	1.204 039	9.999 153	0	423	
578	8.795 235	122	8.796 083	121	1.203 917	9.999 153	1	422	
579	8.795 357	121	8.796 204	122	1.203 796	9.999 152	0	421	
.580	8.795 478	121	8.796 326	122	1.203 674	9.999 152	1	.420	
581	8.795 599	121	8.796 448	121	1.203 552	9.999 151	0	419	
582	8.795 720	121	8.796 569	122	1.203 431	9.999 151	1	418	
583	8.795 841	121	8.796 691	121	1.203 309	9.999 150	0	417	
584	8.795 962	121	8.796 812	122	1.203 188	9.999 150	1	416	
585	8.796 083	121	8.796 934	121	1.203 066	9.999 149	0	415	
586	8.796 204	121	8.797 055	122	1.202 945	9.999 149	1	414	
587	8.796 325	121	8.797 177	121	1.202 823	9.999 148	0	413	
588	8.796 446	121	8.797 298	121	1.202 702	9.999 148	1	412	
589	8.796 567	121	8.797 419	122	1.202 581	9.999 147	0	411	
.590	8.796 688	120	8.797 541	121	1.202 459	9.999 147	1	.410	
591	8.796 808	121	8.797 662	121	1.202 338	9.999 146	0	409	
592	8.796 929	121	8.797 783	121	1.202 217	9.999 146	0	408	
593	8.797 050	121	8.797 904	122	1.202 096	9.999 146	1	407	
594	8.797 171	120	8.798 026	121	1.201 974	9.999 145	0	406	
595	8.797 291	121	8.798 147	121	1.201 853	9.999 145	1	405	
596	8.797 412	120	8.798 268	121	1.201 732	9.999 144	0	404	
597	8.797 532	121	8.798 389	121	1.201 611	9.999 144	1	403	
598	8.797 653	121	8.798 510	121	1.201 490	9.999 143	0	402	
599	8.797 774	120	8.798 631	121	1.201 369	9.999 143	1	401	
.600	8.797 894		8.798 752		1.201 248	9.999 142		.400	
	cos	d	cotg	d	tang	sin	d	86°	P.P.

	123
1	12.3
2	24.6
3	36.9
4	49.2
5	61.5
6	73.8
7	86.1
8	98.4
9	110.7

	122
1	12.2
2	24.4
3	36.6
4	48.8
5	61.0
6	73.2
7	85.4
8	97.6
9	109.8

	121
1	12.1
2	24.2
3	36.3
4	48.4
5	60.5
6	72.6
7	84.7
8	96.8
9	108.9

	120
1	12.0
2	24.0
3	36.0
4	48.0
5	60.0
6	72.0
7	84.0
8	96.0
9	108.0

86°.450 — 86°.400

3°.600 — 3°.650

3°	sin	d	tang	d	cotg	cos	d		P.P.
.600	8.797 894	121	8.798 752	121	1.201 248	9.999 142	0	.400	
601	8.798 015	120	8.798 873	121	1.201 127	9.999 142	1	399	
602	8.798 135	120	8.798 994	121	1.201 006	9.999 141	0	398	
603	8.798 255	121	8.799 115	120	1.200 885	9.999 141	1	397	
604	8.798 376	120	8.799 235	121	1.200 765	9.999 140	0	396	
605	8.798 496	120	8.799 356	121	1.200 644	9.999 140	1	395	
606	8.798 616	121	8.799 477	121	1.200 523	9.999 139	0	394	
607	8.798 737	120	8.799 598	120	1.200 402	9.999 139	1	393	
608	8.798 857	120	8.799 718	121	1.200 282	9.999 138	0	392	
609	8.798 977	120	8.799 839	121	1.200 161	9.999 138	1	391	
.610	8.799 097	120	8.799 960	120	1.200 040	9.999 137	0	.390	
611	8.799 217	120	8.800 080	121	1.199 920	9.999 137	1	389	
612	8.799 337	120	8.800 201	121	1.199 799	9.999 136	0	388	
613	8.799 457	120	8.800 322	120	1.199 678	9.999 136	1	387	
614	8.799 577	120	8.800 442	120	1.199 558	9.999 135	0	386	
615	8.799 697	120	8.800 562	121	1.199 438	9.999 135	0	385	
616	8.799 817	120	8.800 683	120	1.199 317	9.999 135	1	384	
617	8.799 937	120	8.800 803	121	1.199 197	9.999 134	0	383	
618	8.800 057	120	8.800 924	120	1.199 076	9.999 134	1	382	
619	8.800 177	120	8.801 044	120	1.198 956	9.999 133	0	381	
.620	8.800 297	120	8.801 164	121	1.198 836	9.999 133	1	.380	
621	8.800 417	120	8.801 285	120	1.198 715	9.999 132	0	379	
622	8.800 537	119	8.801 405	120	1.198 595	9.999 132	1	378	
623	8.800 656	120	8.801 525	120	1.198 475	9.999 131	0	377	
624	8.800 776	120	8.801 645	120	1.198 355	9.999 131	1	376	
625	8.800 896	119	8.801 765	121	1.198 235	9.999 130	0	375	
626	8.801 015	120	8.801 886	120	1.198 114	9.999 130	1	374	
627	8.801 135	119	8.802 006	120	1.197 994	9.999 129	0	373	
628	8.801 254	120	8.802 126	120	1.197 874	9.999 129	1	372	
629	8.801 374	119	8.802 246	120	1.197 754	9.999 128	0	371	
.630	8.801 493	120	8.802 366	120	1.197 634	9.999 128	1	.370	
631	8.801 613	119	8.802 486	119	1.197 514	9.999 127	0	369	
632	8.801 732	120	8.802 605	120	1.197 395	9.999 127	1	368	
633	8.801 852	119	8.802 725	120	1.197 275	9.999 126	0	367	
634	8.801 971	119	8.802 845	120	1.197 155	9.999 126	1	366	
635	8.802 090	120	8.802 965	120	1.197 035	9.999 125	0	365	
636	8.802 210	119	8.803 085	120	1.196 915	9.999 125	1	364	
637	8.802 329	119	8.803 205	119	1.196 795	9.999 124	0	363	
638	8.802 448	119	8.803 324	120	1.196 676	9.999 124	1	362	
639	8.802 567	120	8.803 444	120	1.196 556	9.999 123	0	361	
.640	8.802 687	119	8.803 564	119	1.196 436	9.999 123	0	.360	
641	8.802 806	119	8.803 683	120	1.196 317	9.999 123	1	359	
642	8.802 925	119	8.803 803	119	1.196 197	9.999 122	0	358	
643	8.803 044	119	8.803 922	120	1.196 078	9.999 122	1	357	
644	8.803 163	119	8.804 042	119	1.195 958	9.999 121	0	356	
645	8.803 282	119	8.804 161	120	1.195 839	9.999 121	1	355	
646	8.803 401	119	8.804 281	119	1.195 719	9.999 120	0	354	
647	8.803 520	119	8.804 400	120	1.195 600	9.999 120	1	353	
648	8.803 639	119	8.804 520	119	1.195 480	9.999 119	0	352	
649	8.803 758	118	8.804 639	119	1.195 361	9.999 119	1	351	
.650	8.803 876		8.804 758		1.195 242	9.999 118		.350	
	cos	d	cotg	d	tang	sin	d	86°	P.P.

	121
1	12.1
2	24.2
3	36.3
4	48.4
5	60.5
6	72.6
7	84.7
8	96.8
9	108.9

	120
1	12.0
2	24.0
3	36.0
4	48.0
5	60.0
6	72.0
7	84.0
8	96.0
9	108.0

	119
1	11.9
2	23.8
3	35.7
4	47.6
5	59.5
6	71.4
7	83.3
8	95.2
9	107.1

	118
1	11.8
2	23.6
3	35.4
4	47.2
5	59.0
6	70.8
7	82.6
8	94.4
9	106.2

86°.400 — 86°.350

3°.650 — 3°.700

3°	sin	d	tang	d	cotg	cos	d		P.P.
.650	8.803 876	119	8.804 758	120	1.195 242	9.999 118	0	**.350**	
651	8.803 995	119	8.804 878	119	1.195 122	9.999 118	1	349	
652	8.804 114	119	8.804 997	119	1.195 003	9.999 117	0	348	
653	8.804 233	118	8.805 116	119	1.194 884	9.999 117	1	347	
654	8.804 351	119	8.805 235	119	1.194 765	9.999 116	0	346	
655	8.804 470	119	8.805 354	120	1.194 646	9.999 116	1	345	
656	8.804 589	118	8.805 474	119	1.194 526	9.999 115	0	344	
657	8.804 707	119	8.805 593	119	1.194 407	9.999 115	1	343	
658	8.804 826	119	8.805 712	119	1.194 288	9.999 114	0	342	
659	8.804 945	118	8.805 831	119	1.194 169	9.999 114	1	341	
.660	8.805 063	119	8.805 950	119	1.194 050	9.999 113	0	**.340**	
661	8.805 182	118	8.806 069	119	1.193 931	9.999 113	1	339	
662	8.805 300	118	8.806 188	119	1.193 812	9.999 112	0	338	
663	8.805 418	119	8.806 307	118	1.193 693	9.999 112	1	337	
664	8.805 537	118	8.806 425	119	1.193 575	9.999 111	0	336	
665	8.805 655	118	8.806 544	119	1.193 456	9.999 111	1	335	
666	8.805 773	119	8.806 663	119	1.193 337	9.999 110	0	334	
667	8.805 892	118	8.806 782	119	1.193 218	9.999 110	1	333	
668	8.806 010	118	8.806 901	118	1.193 099	9.999 109	0	332	
669	8.806 128	118	8.807 019	119	1.192 981	9.999 109	1	331	
.670	8.806 246	119	8.807 138	119	1.192 862	9.999 108	0	**.330**	
671	8.806 365	118	8.807 257	118	1.192 743	9.999 108	1	329	
672	8.806 483	118	8.807 375	119	1.192 625	9.999 107	0	328	
673	8.806 601	118	8.807 494	118	1.192 506	9.999 107	0	327	
674	8.806 719	118	8.807 612	119	1.192 388	9.999 107	1	326	
675	8.806 837	118	8.807 731	118	1.192 269	9.999 106	0	325	
676	8.806 955	118	8.807 849	119	1.192 151	9.999 106	1	324	
677	8.807 073	118	8.807 968	118	1.192 032	9.999 105	0	323	
678	8.807 191	118	8.808 086	119	1.191 914	9.999 105	1	322	
679	8.807 309	118	8.808 205	118	1.191 795	9.999 104	0	321	
.680	8.807 427	117	8.808 323	118	1.191 677	9.999 104	1	**.320**	
681	8.807 544	118	8.808 441	119	1.191 559	9.999 103	0	319	
682	8.807 662	118	8.808 560	118	1.191 440	9.999 103	1	318	
683	8.807 780	118	8.808 678	118	1.191 322	9.999 102	0	317	
684	8.807 898	117	8.808 796	118	1.191 204	9.999 102	1	316	
685	8.808 015	118	8.808 914	118	1.191 086	9.999 101	0	315	
686	8.808 133	118	8.809 032	119	1.190 968	9.999 101	1	314	
687	8.808 251	117	8.809 151	118	1.190 849	9.999 100	0	313	
688	8.808 368	118	8.809 269	118	1.190 731	9.999 100	1	312	
689	8.808 486	117	8.809 387	118	1.190 613	9.999 099	0	311	
.690	8.808 603	118	8.809 505	118	1.190 495	9.999 099	1	**.310**	
691	8.808 721	117	8.809 623	118	1.190 377	9.999 098	0	309	
692	8.808 838	118	8.809 741	118	1.190 259	9.999 098	1	308	
693	8.808 956	117	8.809 859	118	1.190 141	9.999 097	0	307	
694	8.809 073	118	8.809 977	117	1.190 023	9.999 097	1	306	
695	8.809 191	117	8.810 094	118	1.189 906	9.999 096	0	305	
696	8.809 308	117	8.810 212	118	1.189 788	9.999 096	1	304	
697	8.809 425	118	8.810 330	118	1.189 670	9.999 095	0	303	
698	8.809 543	117	8.810 448	118	1.189 552	9.999 095	1	302	
699	8.809 660	117	8.810 566	117	1.189 434	9.999 094	0	301	
.700	8.809 777		8.810 683		1.189 317	9.999 094		**.300**	
	cos	d	cotg	d	tang	sin	d	**86°**	P.P.

	120
1	12.0
2	24.0
3	36.0
4	48.0
5	60.0
6	72.0
7	84.0
8	96.0
9	108.0

	119
1	11.9
2	23.8
3	35.7
4	47.6
5	59.5
6	71.4
7	83.3
8	95.2
9	107.1

	118
1	11.8
2	23.6
3	35.4
4	47.2
5	59.0
6	70.8
7	82.6
8	94.4
9	106.2

	117
1	11.7
2	23.4
3	35.1
4	46.8
5	58.5
6	70.2
7	81.9
8	93.6
9	105.3

86°.350 — 86°.300

3°.700 — 3°.750

3°	sin	d	tang	d	cotg	cos	d		P.P.
.700	8.809 777	117	8.810 683	118	1.189 317	9.999 094	1	**.300**	
701	8.809 894	118	8.810 801	118	1.189 199	9.999 093	0	299	
702	8.810 012	117	8.810 919	117	1.189 081	9.999 093	1	298	
703	8.810 129	117	8.811 036	118	1.188 964	9.999 092	0	297	
704	8.810 246	117	8.811 154	118	1.188 846	9.999 092	1	296	
705	8.810 363	117	8.811 272	117	1.188 728	9.999 091	0	295	
706	8.810 480	117	8.811 389	118	1.188 611	9.999 091	1	294	
707	8.810 597	117	8.811 507	117	1.188 493	9.999 090	0	293	
708	8.810 714	117	8.811 624	117	1.188 376	9.999 090	1	292	
709	8.810 831	117	8.811 741	118	1.188 259	9.999 089	0	291	
.710	8.810 948	117	8.811 859	117	1.188 141	9.999 089	1	**.290**	
711	8.811 065	116	8.811 976	118	1.188 024	9.999 088	0	289	
712	8.811 181	117	8.812 094	117	1.187 906	9.999 088	1	288	
713	8.811 298	117	8.812 211	117	1.187 789	9.999 087	0	287	
714	8.811 415	117	8.812 328	117	1.187 672	9.999 087	1	286	
715	8.811 532	117	8.812 445	118	1.187 555	9.999 086	0	285	
716	8.811 649	116	8.812 563	117	1.187 437	9.999 086	1	284	
717	8.811 765	117	8.812 680	117	1.187 320	9.999 085	0	283	
718	8.811 882	117	8.812 797	117	1.187 203	9.999 085	1	282	
719	8.811 999	116	8.812 914	117	1.187 086	9.999 084	0	281	
.720	8.812 115	117	8.813 031	117	1.186 969	9.999 084	1	**.280**	
721	8.812 232	116	8.813 148	117	1.186 852	9.999 083	0	279	
722	8.812 348	117	8.813 265	117	1.186 735	9.999 083	0	278	
723	8.812 465	116	8.813 382	117	1.186 618	9.999 083	1	277	
724	8.812 581	117	8.813 499	117	1.186 501	9.999 082	0	276	
725	8.812 698	116	8.813 616	117	1.186 384	9.999 082	1	275	
726	8.812 814	116	8.813 733	117	1.186 267	9.999 081	0	274	
727	8.812 930	117	8.813 850	117	1.186 150	9.999 081	1	273	
728	8.813 047	116	8.813 967	117	1.186 033	9.999 080	0	272	
729	8.813 163	116	8.814 084	117	1.185 916	9.999 080	1	271	
.730	8.813 279	117	8.814 200	116	1.185 800	9.999 079	0	**.270**	
731	8.813 396	116	8.814 317	117	1.185 683	9.999 079	1	269	
732	8.813 512	116	8.814 434	117	1.185 566	9.999 078	0	268	
733	8.813 628	116	8.814 550	116	1.185 450	9.999 078	1	267	
734	8.813 744	116	8.814 667	117	1.185 333	9.999 077	0	266	
735	8.813 860	116	8.814 784	117	1.185 216	9.999 077	1	265	
736	8.813 976	117	8.814 900	116	1.185 100	9.999 076	0	264	
737	8.814 093	116	8.815 017	117	1.184 983	9.999 076	1	263	
738	8.814 209	116	8.815 133	116	1.184 867	9.999 075	0	262	
739	8.814 325	116	8.815 250	117	1.184 750	9.999 075	1	261	
.740	8.814 441	115	8.815 366	116	1.184 634	9.999 074	0	**.260**	
741	8.814 556	116	8.815 483	117	1.184 517	9.999 074	1	259	
742	8.814 672	116	8.815 599	116	1.184 401	9.999 073	0	258	
743	8.814 788	116	8.815 716	117	1.184 284	9.999 073	1	257	
744	8.814 904	116	8.815 832	116	1.184 168	9.999 072	0	256	
745	8.815 020	116	8.815 948	116	1.184 052	9.999 072	1	255	
746	8.815 136	115	8.816 065	117	1.183 935	9.999 071	0	254	
747	8.815 251	116	8.816 181	116	1.183 819	9.999 071	1	253	
748	8.815 367	116	8.816 297	116	1.183 703	9.999 070	0	252	
749	8.815 483	116	8.816 413	116	1.183 587	9.999 070	1	251	
.750	8.815 599		8.816 529		1.183 471	9.999 069		**.250**	
	cos	d	cotg	d	tang	sin	d	**86°**	P.P.

	118
1	11.8
2	23.6
3	35.4
4	47.2
5	59.0
6	70.8
7	82.6
8	94.4
9	106.2

	117
1	11.7
2	23.4
3	35.1
4	46.8
5	58.5
6	70.2
7	81.9
8	93.6
9	105.3

	116
1	11.6
2	23.2
3	34.8
4	46.4
5	58.0
6	69.6
7	81.2
8	92.8
9	104.4

	115
1	11.5
2	23.0
3	34.5
4	46.0
5	57.5
6	69.0
7	80.5
8	92.0
9	103.5

86°.300 — 86°.250

3°.750 — 3°.800

3°	sin	d	tang	d	cotg	cos	d		P.P.
.750	8.815 599	115	8.816 529	117	1.183 471	9.999 069	0	**.250**	
751	8.815 714	116	8.816 646	116	1.183 354	9.999 069	1	249	
752	8.815 830	115	8.816 762	116	1.183 238	9.999 068	0	248	
753	8.815 945	116	8.816 878	116	1.183 122	9.999 068	1	247	
754	8.816 061	115	8.816 994	116	1.183 006	9.999 067	0	246	
755	8.816 176	116	8.817 110	116	1.182 890	9.999 067	1	245	
756	8.816 292	115	8.817 226	116	1.182 774	9.999 066	0	244	
757	8.816 407	116	8.817 342	116	1.182 658	9.999 066	1	243	
758	8.816 523	115	8.817 458	115	1.182 542	9.999 065	0	242	
759	8.816 638	115	8.817 573	116	1.182 427	9.999 065	1	241	
.760	8.816 753	116	8.817 689	116	1.182 311	9.999 064	0	**.240**	
761	8.816 869	115	8.817 805	116	1.182 195	9.999 064	1	239	
762	8.816 984	115	8.817 921	116	1.182 079	9.999 063	0	238	
763	8.817 099	116	8.818 037	115	1.181 963	9.999 063	1	237	
764	8.817 215	115	8.818 152	116	1.181 848	9.999 062	0	236	
765	8.817 330	115	8.818 268	116	1.181 732	9.999 062	1	235	
766	8.817 445	115	8.818 384	115	1.181 616	9.999 061	0	234	
767	8.817 560	115	8.818 499	116	1.181 501	9.999 061	1	233	
768	8.817 675	115	8.818 615	116	1.181 385	9.999 060	0	232	
769	8.817 790	115	8.818 731	115	1.181 269	9.999 060	1	231	
.770	8.817 905	115	8.818 846	116	1.181 154	9.999 059	0	**.230**	
771	8.818 020	115	8.818 962	115	1.181 038	9.999 059	1	229	
772	8.818 135	115	8.819 077	116	1.180 923	9.999 058	0	228	
773	8.818 250	115	8.819 193	115	1.180 807	9.999 058	1	227	
774	8.818 365	115	8.819 308	115	1.180 692	9.999 057	0	226	
775	8.818 480	115	8.819 423	116	1.180 577	9.999 057	1	225	
776	8.818 595	115	8.819 539	115	1.180 461	9.999 056	0	224	
777	8.818 710	115	8.819 654	115	1.180 346	9.999 056	1	223	
778	8.818 825	114	8.819 769	116	1.180 231	9.999 055	0	222	
779	8.818 939	115	8.819 885	115	1.180 115	9.999 055	1	221	
.780	8.819 054	115	8.820 000	115	1.180 000	9.999 054	0	**.220**	
781	8.819 169	114	8.820 115	115	1.179 885	9.999 054	1	219	
782	8.819 283	115	8.820 230	115	1.179 770	9.999 053	0	218	
783	8.819 398	115	8.820 345	116	1.179 655	9.999 053	1	217	
784	8.819 513	114	8.820 461	115	1.179 539	9.999 052	0	216	
785	8.819 627	115	8.820 576	115	1.179 424	9.999 052	1	215	
786	8.819 742	114	8.820 691	115	1.179 309	9.999 051	0	214	
787	8.819 856	115	8.820 806	115	1.179 194	9.999 051	1	213	
788	8.819 971	114	8.820 921	115	1.179 079	9.999 050	0	212	
789	8.820 085	115	8.821 036	115	1.178 964	9.999 050	1	211	
.790	8.820 200	114	8.821 151	115	1.178 849	9.999 049	0	**.210**	
791	8.820 314	115	8.821 266	114	1.178 734	9.999 049	1	209	
792	8.820 429	114	8.821 380	115	1.178 620	9.999 048	0	208	
793	8.820 543	114	8.821 495	115	1.178 505	9.999 048	1	207	
794	8.820 657	115	8.821 610	115	1.178 390	9.999 047	0	206	
795	8.820 772	114	8.821 725	115	1.178 275	9.999 047	1	205	
796	8.820 886	114	8.821 840	114	1.178 160	9.999 046	0	204	
797	8.821 000	114	8.821 954	115	1.178 046	9.999 046	1	203	
798	8.821 114	114	8.822 069	115	1.177 931	9.999 045	0	202	
799	8.821 228	115	8.822 184	114	1.177 816	9.999 045	1	201	
.800	8.821 343		8.822 298		1.177 702	9.999 044		**.200**	
	cos	d	cotg	d	tang	sin	d	**86°**	P.P.

	117
1	11.7
2	23.4
3	35.1
4	46.8
5	58.5
6	70.2
7	81.9
8	93.6
9	105.3

	116
1	11.6
2	23.2
3	34.8
4	46.4
5	58.0
6	69.6
7	81.2
8	92.8
9	104.4

	115
1	11.5
2	23.0
3	34.5
4	46.0
5	57.5
6	69.0
7	80.5
8	92.0
9	103.5

	114
1	11.4
2	22.8
3	34.2
4	45.6
5	57.0
6	68.4
7	79.8
8	91.2
9	102.6

86°.250 — 86°.200

3°.800 — 3°.850

3°	sin	d	tang	d	cotg	cos	d		P.P.
.800	8.821 343	114	8.822 298	115	1.177 702	9.999 044	0	.200	
801	8.821 457	114	8.822 413	115	1.177 587	9.999 044	1	199	
802	8.821 571	114	8.822 528	114	1.177 472	9.999 043	0	198	
803	8.821 685	114	8.822 642	115	1.177 358	9.999 043	1	197	
804	8.821 799	114	8.822 757	114	1.177 243	9.999 042	0	196	
805	8.821 913	114	8.822 871	115	1.177 129	9.999 042	1	195	
806	8.822 027	114	8.822 986	114	1.177 014	9.999 041	0	194	
807	8.822 141	114	8.823 100	114	1.176 900	9.999 041	1	193	
808	8.822 255	113	8.823 214	115	1.176 786	9.999 040	0	192	
809	8.822 368	114	8.823 329	114	1.176 671	9.999 040	1	191	
.810	8.822 482	114	8.823 443	114	1.176 557	9.999 039	0	.190	
811	8.822 596	114	8.823 557	115	1.176 443	9.999 039	1	189	
812	8.822 710	114	8.823 672	114	1.176 328	9.999 038	0	188	
813	8.822 824	113	8.823 786	114	1.176 214	9.999 038	1	187	
814	8.822 937	114	8.823 900	114	1.176 100	9.999 037	0	186	
815	8.823 051	114	8.824 014	115	1.175 986	9.999 037	1	185	
816	8.823 165	113	8.824 129	114	1.175 871	9.999 036	0	184	
817	8.823 278	114	8.824 243	114	1.175 757	9.999 036	1	183	
818	8.823 392	113	8.824 357	114	1.175 643	9.999 035	0	182	
819	8.823 505	114	8.824 471	114	1.175 529	9.999 035	1	181	
.820	8.823 619	113	8.824 585	114	1.175 415	9.999 034	0	.180	
821	8.823 732	114	8.824 699	114	1.175 301	9.999 034	1	179	
822	8.823 846	113	8.824 813	114	1.175 187	9.999 033	0	178	
823	8.823 959	114	8.824 927	114	1.175 073	9.999 033	1	177	
824	8.824 073	113	8.825 041	114	1.174 959	9.999 032	0	176	
825	8.824 186	114	8.825 155	114	1.174 845	9.999 032	1	175	
826	8.824 300	113	8.825 269	113	1.174 731	9.999 031	1	174	
827	8.824 413	113	8.825 382	114	1.174 618	9.999 030	0	173	
828	8.824 526	113	8.825 496	114	1.174 504	9.999 030	1	172	
829	8.824 639	114	8.825 610	114	1.174 390	9.999 029	0	171	
.830	8.824 753	113	8.825 724	113	1.174 276	9.999 029	1	.170	
831	8.824 866	113	8.825 837	114	1.174 163	9.999 028	0	169	
832	8.824 979	113	8.825 951	114	1.174 049	9.999 028	1	168	
833	8.825 092	113	8.826 065	113	1.173 935	9.999 027	0	167	
834	8.825 205	113	8.826 178	114	1.173 822	9.999 027	1	166	
835	8.825 318	113	8.826 292	114	1.173 708	9.999 026	0	165	
836	8.825 431	114	8.826 406	113	1.173 594	9.999 026	1	164	
837	8.825 545	113	8.826 519	114	1.173 481	9.999 025	0	163	
838	8.825 658	112	8.826 633	113	1.173 367	9.999 025	1	162	
839	8.825 770	113	8.826 746	114	1.173 254	9.999 024	0	161	
.840	8.825 883	113	8.826 860	113	1.173 140	9.999 024	1	.160	
841	8.825 996	113	8.826 973	113	1.173 027	9.999 023	0	159	
842	8.826 109	113	8.827 086	114	1.172 914	9.999 023	1	158	
843	8.826 222	113	8.827 200	113	1.172 800	9.999 022	0	157	
844	8.826 335	113	8.827 313	113	1.172 687	9.999 022	1	156	
845	8.826 448	112	8.827 426	114	1.172 574	9.999 021	0	155	
846	8.826 560	113	8.827 540	113	1.172 460	9.999 021	1	154	
847	8.826 673	113	8.827 653	113	1.172 347	9.999 020	0	153	
848	8.826 786	113	8.827 766	113	1.172 234	9.999 020	1	152	
849	8.826 899	112	8.827 879	113	1.172 121	9.999 019	0	151	
.850	8.827 011		8.827 992		1.172 008	9.999 019		.150	
	cos	d	cotg	d	tang	sin	d	86°	P.P.

	115
1	11.5
2	23.0
3	34.5
4	46.0
5	57.5
6	69.0
7	80.5
8	92.0
9	103.5

	114
1	11.4
2	22.8
3	34.2
4	45.6
5	57.0
6	68.4
7	79.8
8	91.2
9	102.6

	113
1	11.3
2	22.6
3	33.9
4	45.2
5	56.5
6	67.8
7	79.1
8	90.4
9	101.7

	112
1	11.2
2	22.4
3	33.6
4	44.8
5	56.0
6	67.2
7	78.4
8	89.6
9	100.8

86°.200 — 86°.150

3°.850 — 3°.900

3°	sin	d	tang	d	cotg	cos	d		P.P.
.850	8.827 011	113	8.827 992	114	1.172 008	9.999 019	1	**.150**	
851	8.827 124	112	8.828 106	113	1.171 894	9.999 018	0	149	
852	8.827 236	113	8.828 219	113	1.171 781	9.999 018	1	148	
853	8.827 349	113	8.828 332	113	1.171 668	9.999 017	0	147	
854	8.827 462	112	8.828 445	113	1.171 555	9.999 017	1	146	
855	8.827 574	113	8.828 558	113	1.171 442	9.999 016	0	145	
856	8.827 687	112	8.828 671	113	1.171 329	9.999 016	1	144	
857	8.827 799	112	8.828 784	113	1.171 216	9.999 015	0	143	
858	8.827 911	113	8.828 897	113	1.171 103	9.999 015	1	142	
859	8.828 024	112	8.829 010	112	1.170 990	9.999 014	0	141	
.860	8.828 136	112	8.829 122	113	1.170 878	9.999 014	1	**.140**	
861	8.828 248	113	8.829 235	113	1.170 765	9.999 013	0	139	
862	8.828 361	112	8.829 348	113	1.170 652	9.999 013	1	138	
863	8.828 473	112	8.829 461	113	1.170 539	9.999 012	0	137	
864	8.828 585	112	8.829 574	112	1.170 426	9.999 012	1	136	
865	8.828 697	113	8.829 686	113	1.170 314	9.999 011	0	135	
866	8.828 810	112	8.829 799	113	1.170 201	9.999 011	1	134	
867	8.828 922	112	8.829 912	112	1.170 088	9.999 010	0	133	
868	8.829 034	112	8.830 024	113	1.169 976	9.999 010	1	132	
869	8.829 146	112	8.830 137	112	1.169 863	9.999 009	0	131	
.870	8.829 258	112	8.830 249	113	1.169 751	9.999 009	1	**.130**	
871	8.829 370	112	8.830 362	113	1.169 638	9.999 008	0	129	
872	8.829 482	112	8.830 475	112	1.169 525	9.999 008	1	128	
873	8.829 594	112	8.830 587	113	1.169 413	9.999 007	0	127	
874	8.829 706	112	8.830 700	112	1.169 300	9.999 007	1	126	
875	8.829 818	112	8.830 812	112	1.169 188	9.999 006	1	125	
876	8.829 930	112	8.830 924	113	1.169 076	9.999 005	0	124	
877	8.830 042	112	8.831 037	112	1.168 963	9.999 005	1	123	
878	8.830 154	111	8.831 149	112	1.168 851	9.999 004	0	122	
879	8.830 265	112	8.831 261	113	1.168 739	9.999 004	1	121	
.880	8.830 377	112	8.831 374	112	1.168 626	9.999 003	0	**.120**	
881	8.830 489	112	8.831 486	112	1.168 514	9.999 003	1	119	
882	8.830 601	111	8.831 598	112	1.168 402	9.999 002	0	118	
883	8.830 712	112	8.831 710	113	1.168 290	9.999 002	1	117	
884	8.830 824	112	8.831 823	112	1.168 177	9.999 001	0	116	
885	8.830 936	111	8.831 935	112	1.168 065	9.999 001	1	115	
886	8.831 047	112	8.832 047	112	1.167 953	9.999 000	0	114	
887	8.831 159	111	8.832 159	112	1.167 841	9.999 000	1	113	
888	8.831 270	112	8.832 271	112	1.167 729	9.998 999	0	112	
889	8.831 382	111	8.832 383	112	1.167 617	9.998 999	1	111	
.890	8.831 493	112	8.832 495	112	1.167 505	9.998 998	0	**.110**	
891	8.831 605	111	8.832 607	112	1.167 393	9.998 998	1	109	
892	8.831 716	112	8.832 719	112	1.167 281	9.998 997	0	108	
893	8.831 828	111	8.832 831	112	1.167 169	9.998 997	1	107	
894	8.831 939	111	8.832 943	112	1.167 057	9.998 996	0	106	
895	8.832 050	112	8.833 055	111	1.166 945	9.998 996	1	105	
896	8.832 162	111	8.833 166	112	1.166 834	9.998 995	0	104	
897	8.832 273	111	8.833 278	112	1.166 722	9.998 995	1	103	
898	8.832 384	111	8.833 390	112	1.166 610	9.998 994	0	102	
899	8.832 495	112	8.833 502	111	1.166 498	9.998 994	1	101	
.900	8.832 607		8.833 613		1.166 387	9.998 993		**.100**	
	cos	d	cotg	d	tang	sin	d	**86°**	P.P.

	114
1	11.4
2	22.8
3	34.2
4	45.6
5	57.0
6	68.4
7	79.8
8	91.2
9	102.6

	113
1	11.3
2	22.6
3	33.9
4	45.2
5	56.5
6	67.8
7	79.1
8	90.4
9	101.7

	112
1	11.2
2	22.4
3	33.6
4	44.8
5	56.0
6	67.2
7	78.4
8	89.6
9	100.8

	111
1	11.1
2	22.2
3	33.3
4	44.4
5	55.5
6	66.6
7	77.7
8	88.8
9	99.9

86°.150 — 86°.100

3°.900 — 3°.950

3°	sin	d	tang	d	cotg	cos	d		P.P.
.900	8.832 607	111	8.833 613	112	1.166 387	9.998 993	0	**.100**	
901	8.832 718	111	8.833 725	112	1.166 275	9.998 993	1	099	
902	8.832 829	111	8.833 837	111	1.166 163	9.998 992	0	098	
903	8.832 940	111	8.833 948	112	1.166 052	9.998 992	1	097	
904	8.833 051	111	8.834 060	112	1.165 940	9.998 991	0	096	
905	8.833 162	111	8.834 172	111	1.165 828	9.998 991	1	095	
906	8.833 273	111	8.834 283	112	1.165 717	9.998 990	0	094	
907	8.833 384	111	8.834 395	111	1.165 605	9.998 990	1	093	
908	8.833 495	111	8.834 506	112	1.165 494	9.998 989	1	092	
909	8.833 606	111	8.834 618	111	1.165 382	9.998 988	0	091	
.910	8.833 717	111	8.834 729	111	1.165 271	9.998 988	1	**.090**	
911	8.833 828	111	8.834 840	112	1.165 160	9.998 987	0	089	
912	8.833 939	111	8.834 952	111	1.165 048	9.998 987	1	088	
913	8.834 050	110	8.835 063	111	1.164 937	9.998 986	0	087	
914	8.834 160	111	8.835 174	112	1.164 826	9.998 986	1	086	
915	8.834 271	111	8.835 286	111	1.164 714	9.998 985	0	085	
916	8.834 382	111	8.835 397	111	1.164 603	9.998 985	1	084	
917	8.834 493	110	8.835 508	111	1.164 492	9.998 984	0	083	
918	8.834 603	111	8.835 619	112	1.164 381	9.998 984	1	082	
919	8.834 714	111	8.835 731	111	1.164 269	9.998 983	0	081	
.920	8.834 825	110	8.835 842	111	1.164 158	9.998 983	1	**.080**	
921	8.834 935	111	8.835 953	111	1.164 047	9.998 982	0	079	
922	8.835 046	110	8.836 064	111	1.163 936	9.998 982	1	078	
923	8.835 156	111	8.836 175	111	1.163 825	9.998 981	0	077	
924	8.835 267	110	8.836 286	111	1.163 714	9.998 981	1	076	
925	8.835 377	111	8.836 397	111	1.163 603	9.998 980	0	075	
926	8.835 488	110	8.836 508	111	1.163 492	9.998 980	1	074	
927	8.835 598	111	8.836 619	111	1.163 381	9.998 979	0	073	
928	8.835 709	110	8.836 730	111	1.163 270	9.998 979	1	072	
929	8.835 819	110	8.836 841	111	1.163 159	9.998 978	0	071	
.930	8.835 929	111	8.836 952	111	1.163 048	9.998 978	1	**.070**	
931	8.836 040	110	8.837 063	110	1.162 937	9.998 977	0	069	
932	8.836 150	110	8.837 173	111	1.162 827	9.998 977	1	068	
933	8.836 260	110	8.837 284	111	1.162 716	9.998 976	1	067	
934	8.836 370	111	8.837 395	111	1.162 605	9.998 975	0	066	
935	8.836 481	110	8.837 506	110	1.162 494	9.998 975	1	065	
936	8.836 591	110	8.837 616	111	1.162 384	9.998 974	0	064	
937	8.836 701	110	8.837 727	111	1.162 273	9.998 974	1	063	
938	8.836 811	110	8.837 838	110	1.162 162	9.998 973	0	062	
939	8.836 921	110	8.837 948	111	1.162 052	9.998 973	1	061	
.940	8.837 031	110	8.838 059	110	1.161 941	9.998 972	0	**.060**	
941	8.837 141	110	8.838 169	111	1.161 831	9.998 972	1	059	
942	8.837 251	110	8.838 280	111	1.161 720	9.998 971	0	058	
943	8.837 361	110	8.838 391	110	1.161 609	9.998 971	1	057	
944	8.837 471	110	8.838 501	110	1.161 499	9.998 970	0	056	
945	8.837 581	110	8.838 611	111	1.161 389	9.998 970	1	055	
946	8.837 691	110	8.838 722	110	1.161 278	9.998 969	0	054	
947	8.837 801	110	8.838 832	111	1.161 168	9.998 969	1	053	
948	8.837 911	110	8.838 943	110	1.161 057	9.998 968	0	052	
949	8.838 021	109	8.839 053	110	1.160 947	9.998 968	1	051	
.950	8.838 130		8.839 163		1.160 837	9.998 967		**.050**	
	cos	d	cotg	d	tang	sin	d	**86°**	P.P.

	112
1	11.2
2	22.4
3	33.6
4	44.8
5	56.0
6	67.2
7	78.4
8	89.6
9	100.8

	111
1	11.1
2	22.2
3	33.3
4	44.4
5	55.5
6	66.6
7	77.7
8	88.8
9	99.9

	110
1	11.0
2	22.0
3	33.0
4	44.0
5	55.0
6	66.0
7	77.0
8	88.0
9	99.0

	109
1	10.9
2	21.8
3	32.7
4	43.6
5	54.5
6	65.4
7	76.3
8	87.2
9	98.1

86°.100 — 86°.050

3°.950 — 4°.000

3°	sin	d	tang	d	cotg	cos	d		P.P.
.950	8.838 130	110	8.839 163	111	1.160 837	9.998 967	0	**.050**	
951	8.838 240	110	8.839 274	110	1.160 726	9.998 967	1	049	
952	8.838 350	110	8.839 384	110	1.160 616	9.998 966	0	048	
953	8.838 460	109	8.839 494	110	1.160 506	9.998 966	1	047	
954	8.838 569	110	8.839 604	110	1.160 396	9.998 965	0	046	111
955	8.838 679	110	8.839 714	111	1.160 286	9.998 965	1	045	1 11.1
956	8.838 789	109	8.839 825	110	1.160 175	9.998 964	1	044	2 22.2
957	8.838 898	110	8.839 935	110	1.160 065	9.998 963	0	043	3 33.3
958	8.839 008	109	8.840 045	110	1.159 955	9.998 963	1	042	4 44.4
959	8.839 117	110	8.840 155	110	1.159 845	9.998 962	0	041	5 55.5
.960	8.839 227	109	8.840 265	110	1.159 735	9.998 962	1	**.040**	6 66.6
961	8.839 336	110	8.840 375	110	1.159 625	9.998 961	0	039	7 77.7
962	8.839 446	109	8.840 485	110	1.159 515	9.998 961	1	038	8 88.8
963	8.839 555	109	8.840 595	110	1.159 405	9.998 960	0	037	9 99.9
964	8.839 664	110	8.840 705	110	1.159 295	9.998 960	1	036	
965	8.839 774	109	8.840 815	109	1.159 185	9.998 959	0	035	110
966	8.839 883	110	8.840 924	110	1.159 076	9.998 959	1	034	1 11.0
967	8.839 993	109	8.841 034	110	1.158 966	9.998 958	0	033	2 22.0
968	8.840 102	109	8.841 144	110	1.158 856	9.998 958	1	032	3 33.0
969	8.840 211	109	8.841 254	110	1.158 746	9.998 957	0	031	4 44.0
.970	8.840 320	110	8.841 364	109	1.158 636	9.998 957	1	**.030**	5 55.0
971	8.840 430	109	8.841 473	110	1.158 527	9.998 956	0	029	6 66.0
972	8.840 539	109	8.841 583	110	1.158 417	9.998 956	1	028	7 77.0
973	8.840 648	109	8.841 693	109	1.158 307	9.998 955	0	027	8 88.0
974	8.840 757	109	8.841 802	110	1.158 198	9.998 955	1	026	9 99.0
975	8.840 866	109	8.841 912	110	1.158 088	9.998 954	1	025	
976	8.840 975	109	8.842 022	109	1.157 978	9.998 953	0	024	
977	8.841 084	109	8.842 131	110	1.157 869	9.998 953	1	023	109
978	8.841 193	109	8.842 241	109	1.157 759	9.998 952	0	022	1 10.9
979	8.841 302	109	8.842 350	110	1.157 650	9.998 952	1	021	2 21.8
.980	8.841 411	109	8.842 460	109	1.157 540	9.998 951	0	**.020**	3 32.7
981	8.841 520	109	8.842 569	110	1.157 431	9.998 951	1	019	4 43.6
982	8.841 629	109	8.842 679	109	1.157 321	9.998 950	0	018	5 54.5
983	8.841 738	109	8.842 788	109	1.157 212	9.998 950	1	017	6 65.4
984	8.841 847	108	8.842 897	110	1.157 103	9.998 949	0	016	7 76.3
985	8.841 955	109	8.843 007	109	1.156 993	9.998 949	1	015	8 87.2
986	8.842 064	109	8.843 116	109	1.156 884	9.998 948	0	014	9 98.1
987	8.842 173	109	8.843 225	110	1.156 775	9.998 948	1	013	
988	8.842 282	109	8.843 335	109	1.156 665	9.998 947	0	012	
989	8.842 391	108	8.843 444	109	1.156 556	9.998 947	1	011	108
.990	8.842 499	109	8.843 553	109	1.156 447	9.998 946	0	**.010**	1 10.8
991	8.842 608	108	8.843 662	109	1.156 338	9.998 946	1	009	2 21.6
992	8.842 716	109	8.843 771	110	1.156 229	9.998 945	1	008	3 32.4
993	8.842 825	109	8.843 881	109	1.156 119	9.998 944	0	007	4 43.2
994	8.842 934	108	8.843 990	109	1.156 010	9.998 944	1	006	5 54.0
995	8.843 042	109	8.844 099	109	1.155 901	9.998 943	0	005	6 64.8
996	8.843 151	108	8.844 208	109	1.155 792	9.998 943	1	004	7 75.6
997	8.843 259	109	8.844 317	109	1.155 683	9.998 942	0	003	8 86.4
998	8.843 368	108	8.844 426	109	1.155 574	9.998 942	1	002	9 97.2
999	8.843 476	109	8.844 535	109	1.155 465	9.998 941	0	001	
***.000**	8.843 585		8.844 644		1.155 356	9.998 941		**.000**	
	cos	d	cotg	d	tang	sin	d	**86°**	P.P.

86°.050 — 86°.000

4°.000 — 4°.050

4°	sin	d	tang	d	cotg	cos	d		P.P.
.000	8.843 585	108	8.844 644	109	1.155 356	9.998 941	1	***000**	
001	8.843 693	108	8.844 753	109	1.155 247	9.998 940	0	999	
002	8.843 801	109	8.844 862	108	1.155 138	9.998 940	1	998	
003	8.843 910	108	8.844 970	109	1.155 030	9.998 939	0	997	
004	8.844 018	108	8.845 079	109	1.154 921	9.998 939	1	996	
005	8.844 126	108	8.845 188	109	1.154 812	9.998 938	0	995	
006	8.844 234	109	8.845 297	109	1.154 703	9.998 938	1	994	
007	8.844 343	108	8.845 406	108	1.154 594	9.998 937	0	993	109
008	8.844 451	108	8.845 514	109	1.154 486	9.998 937	1	992	1 10.9
009	8.844 559	108	8.845 623	109	1.154 377	9.998 936	1	991	2 21.8
.010	8.844 667	108	8.845 732	108	1.154 268	9.998 935	0	**.990**	3 32.7
011	8.844 775	108	8.845 840	109	1.154 160	9.998 935	1	989	4 43.6
012	8.844 883	108	8.845 949	109	1.154 051	9.998 934	0	988	5 54.5
013	8.844 991	108	8.846 058	108	1.153 942	9.998 934	1	987	6 65.4
014	8.845 099	108	8.846 166	109	1.153 834	9.998 933	0	986	7 76.3
015	8.845 207	108	8.846 275	108	1.153 725	9.998 933	1	985	8 87.2
016	8.845 315	108	8.846 383	109	1.153 617	9.998 932	0	984	9 98.1
017	8.845 423	108	8.846 492	108	1.153 508	9.998 932	1	983	
018	8.845 531	108	8.846 600	108	1.153 400	9.998 931	0	982	
019	8.845 639	108	8.846 708	109	1.153 292	9.998 931	1	981	
.020	8.845 747	108	8.846 817	108	1.153 183	9.998 930	0	**.980**	
021	8.845 855	108	8.846 925	109	1.153 075	9.998 930	1	979	108
022	8.845 963	107	8.847 034	108	1.152 966	9.998 929	0	978	1 10.8
023	8.846 070	108	8.847 142	108	1.152 858	9.998 929	1	977	2 21.6
024	8.846 178	108	8.847 250	108	1.152 750	9.998 928	1	976	3 32.4
025	8.846 286	108	8.847 358	109	1.152 642	9.998 927	0	975	4 43.2
026	8.846 394	107	8.847 467	108	1.152 533	9.998 927	1	974	5 54.0
027	8.846 501	108	8.847 575	108	1.152 425	9.998 926	0	973	6 64.8
028	8.846 609	108	8.847 683	108	1.152 317	9.998 926	1	972	7 75.6
029	8.846 717	107	8.847 791	108	1.152 209	9.998 925	0	971	8 86.4
.030	8.846 824	108	8.847 899	109	1.152 101	9.998 925	1	**.970**	9 97.2
031	8.846 932	107	8.848 008	108	1.151 992	9.998 924	0	969	
032	8.847 039	108	8.848 116	108	1.151 884	9.998 924	1	968	
033	8.847 147	107	8.848 224	108	1.151 776	9.998 923	0	967	
034	8.847 254	108	8.848 332	108	1.151 668	9.998 923	1	966	
035	8.847 362	107	8.848 440	108	1.151 560	9.998 922	0	965	
036	8.847 469	108	8.848 548	108	1.151 452	9.998 922	1	964	107
037	8.847 577	107	8.848 656	108	1.151 344	9.998 921	0	963	1 10.7
038	8.847 684	107	8.848 764	107	1.151 236	9.998 921	1	962	2 21.4
039	8.847 791	108	8.848 871	108	1.151 129	9.998 920	1	961	3 32.1
.040	8.847 899	107	8.848 979	108	1.151 021	9.998 919	0	**.960**	4 42.8
041	8.848 006	107	8.849 087	108	1.150 913	9.998 919	1	959	5 53.5
042	8.848 113	108	8.849 195	108	1.150 805	9.998 918	0	958	6 64.2
043	8.848 221	107	8.849 303	108	1.150 697	9.998 918	1	957	7 74.9
044	8.848 328	107	8.849 411	107	1.150 589	9.998 917	0	956	8 85.6
045	8.848 435	107	8.849 518	108	1.150 482	9.998 917	1	955	9 96.3
046	8.848 542	107	8.849 626	108	1.150 374	9.998 916	0	954	
047	8.848 649	108	8.849 734	107	1.150 266	9.998 916	1	953	
048	8.848 757	107	8.849 841	108	1.150 159	9.998 915	0	952	
049	8.848 864	107	8.849 949	108	1.150 051	9.998 915	1	951	
.050	8.848 971		8.850 057		1.149 943	9.998 914		**.950**	
	cos	d	cotg	d	tang	sin	d	**85°**	P.P.

86°.000 — 85°.950

4°.050 — 4°.100

4°	sin	d	tang	d	cotg	cos	d		P.P.
.050	8.848 971	107	8.850 057	107	1.149 943	9.998 914	0	**.950**	
051	8.849 078	107	8.850 164	108	1.149 836	9.998 914	1	949	
052	8.849 185	107	8.850 272	107	1.149 728	9.998 913	0	948	
053	8.849 292	107	8.850 379	108	1.149 621	9.998 913	1	947	
054	8.849 399	107	8.850 487	107	1.149 513	9.998 912	1	946	108
055	8.849 506	107	8.850 594	108	1.149 406	9.998 911	0	945	1 10.8
056	8.849 613	106	8.850 702	107	1.149 298	9.998 911	1	944	2 21.6
057	8.849 719	107	8.850 809	107	1.149 191	9.998 910	0	943	3 32.4
058	8.849 826	107	8.850 916	108	1.149 084	9.998 910	1	942	4 43.2
059	8.849 933	107	8.851 024	107	1.148 976	9.998 909	0	941	5 54.0
.060	8.850 040	107	8.851 131	107	1.148 869	9.998 909	1	**.940**	6 64.8
061	8.850 147	106	8.851 238	108	1.148 762	9.998 908	0	939	7 75.6
062	8.850 253	107	8.851 346	107	1.148 654	9.998 908	1	938	8 86.4
063	8.850 360	107	8.851 453	107	1.148 547	9.998 907	0	937	9 97.2
064	8.850 467	107	8.851 560	107	1.148 440	9.998 907	1	936	
065	8.850 574	106	8.851 667	108	1.148 333	9.998 906	0	935	107
066	8.850 680	107	8.851 775	107	1.148 225	9.998 906	1	934	1 10.7
067	8.850 787	106	8.851 882	107	1.148 118	9.998 905	1	933	2 21.4
068	8.850 893	107	8.851 989	107	1.148 011	9.998 904	0	932	3 32.1
069	8.851 000	106	8.852 096	107	1.147 904	9.998 904	1	931	4 42.8
.070	8.851 106	107	8.852 203	107	1.147 797	9.998 903	0	**.930**	5 53.5
071	8.851 213	106	8.852 310	107	1.147 690	9.998 903	1	929	6 64.2
072	8.851 319	107	8.852 417	107	1.147 583	9.998 902	0	928	7 74.9
073	8.851 426	106	8.852 524	107	1.147 476	9.998 902	1	927	8 85.6
074	8.851 532	107	8.852 631	107	1.147 369	9.998 901	0	926	9 96.3
075	8.851 639	106	8.852 738	107	1.147 262	9.998 901	1	925	
076	8.851 745	107	8.852 845	107	1.147 155	9.998 900	0	924	
077	8.851 852	106	8.852 952	107	1.147 048	9.998 900	1	923	106
078	8.851 958	106	8.853 059	107	1.146 941	9.998 899	0	922	1 10.6
079	8.852 064	106	8.853 166	106	1.146 834	9.998 899	1	921	2 21.2
.080	8.852 170	107	8.853 272	107	1.146 728	9.998 898	1	**.920**	3 31.8
081	8.852 277	106	8.853 379	107	1.146 621	9.998 897	0	919	4 42.4
082	8.852 383	106	8.853 486	107	1.146 514	9.998 897	1	918	5 53.0
083	8.852 489	106	8.853 593	106	1.146 407	9.998 896	0	917	6 63.6
084	8.852 595	106	8.853 699	107	1.146 301	9.998 896	1	916	7 74.2
085	8.852 701	107	8.853 806	107	1.146 194	9.998 895	0	915	8 84.8
086	8.852 808	106	8.853 913	106	1.146 087	9.998 895	1	914	9 95.4
087	8.852 914	106	8.854 019	107	1.145 981	9.998 894	0	913	
088	8.853 020	106	8.854 126	107	1.145 874	9.998 894	1	912	
089	8.853 126	106	8.854 233	106	1.145 767	9.998 893	0	911	105
.090	8.853 232	106	8.854 339	107	1.145 661	9.998 893	1	**.910**	1 10.5
091	8.853 338	106	8.854 446	106	1.145 554	9.998 892	1	909	2 21.0
092	8.853 444	106	8.854 552	107	1.145 448	9.998 891	0	908	3 31.5
093	8.853 550	106	8.854 659	106	1.145 341	9.998 891	1	907	4 42.0
094	8.853 656	105	8.854 765	107	1.145 235	9.998 890	0	906	5 52.5
095	8.853 761	106	8.854 872	106	1.145 128	9.998 890	1	905	6 63.0
096	8.853 867	106	8.854 978	106	1.145 022	9.998 889	0	904	7 73.5
097	8.853 973	106	8.855 084	107	1.144 916	9.998 889	1	903	8 84.0
098	8.854 079	106	8.855 191	106	1.144 809	9.998 888	0	902	9 94.5
099	8.854 185	106	8.855 297	106	1.144 703	9.998 888	1	901	
.100	8.854 291		8.855 403		1.144 597	9.998 887		**.900**	
	cos	d	cotg	d	tang	sin	d	**85°**	P.P.

85°.950 — 85°.900

4°.100 — 4°.150

4°	sin	d	tang	d	cotg	cos	d		P.P.
.100	8.854 291	105	8.855 403	107	1.144 597	9.998 887	0	**.900**	
101	8.854 396	106	8.855 510	106	1.144 490	9.998 887	1	899	
102	8.854 502	106	8.855 616	106	1.144 384	9.998 886	1	898	
103	8.854 608	105	8.855 722	106	1.144 278	9.998 885	0	897	
104	8.854 713	106	8.855 828	107	1.144 172	9.998 885	1	896	107
105	8.854 819	106	8.855 935	106	1.144 065	9.998 884	0	895	1 10.7
106	8.854 925	105	8.856 041	106	1.143 959	9.998 884	1	894	2 21.4
107	8.855 030	106	8.856 147	106	1.143 853	9.998 883	0	893	3 32.1
108	8.855 136	105	8.856 253	106	1.143 747	9.998 883	1	892	4 42.8
109	8.855 241	106	8.856 359	106	1.143 641	9.998 882	0	891	5 53.5
.110	8.855 347	105	8.856 465	106	1.143 535	9.998 882	1	**.890**	6 64.2
111	8.855 452	106	8.856 571	106	1.143 429	9.998 881	0	889	7 74.9
112	8.855 558	105	8.856 677	106	1.143 323	9.998 881	1	888	8 85.6
113	8.855 663	105	8.856 783	106	1.143 217	9.998 880	0	887	9 96.3
114	8.855 768	106	8.856 889	106	1.143 111	9.998 880	1	886	
115	8.855 874	105	8.856 995	106	1.143 005	9.998 879	1	885	
116	8.855 979	105	8.857 101	106	1.142 899	9.998 878	0	884	106
117	8.856 084	106	8.857 207	105	1.142 793	9.998 878	1	883	1 10.6
118	8.856 190	105	8.857 312	106	1.142 688	9.998 877	0	882	2 21.2
119	8.856 295	105	8.857 418	106	1.142 582	9.998 877	1	881	3 31.8
.120	8.856 400	105	8.857 524	106	1.142 476	9.998 876	0	**.880**	4 42.4
121	8.856 505	106	8.857 630	106	1.142 370	9.998 876	1	879	5 53.0
122	8.856 611	105	8.857 736	105	1.142 264	9.998 875	0	878	6 63.6
123	8.856 716	105	8.857 841	106	1.142 159	9.998 875	1	877	7 74.2
124	8.856 821	105	8.857 947	106	1.142 053	9.998 874	1	876	8 84.8
125	8.856 926	105	8.858 053	105	1.141 947	9.998 873	0	875	9 95.4
126	8.857 031	105	8.858 158	106	1.141 842	9.998 873	1	874	
127	8.857 136	105	8.858 264	105	1.141 736	9.998 872	0	873	
128	8.857 241	105	8.858 369	106	1.141 631	9.998 872	1	872	105
129	8.857 346	105	8.858 475	106	1.141 525	9.998 871	0	871	1 10.5
.130	8.857 451	105	8.858 581	105	1.141 419	9.998 871	1	**.870**	2 21.0
131	8.857 556	105	8.858 686	105	1.141 314	9.998 870	0	869	3 31.5
132	8.857 661	105	8.858 791	106	1.141 209	9.998 870	1	868	4 42.0
133	8.857 766	105	8.858 897	105	1.141 103	9.998 869	0	867	5 52.5
134	8.857 871	105	8.859 002	106	1.140 998	9.998 869	1	866	6 63.0
135	8.857 976	105	8.859 108	105	1.140 892	9.998 868	1	865	7 73.5
136	8.858 081	104	8.859 213	106	1.140 787	9.998 867	0	864	8 84.0
137	8.858 185	105	8.859 319	105	1.140 681	9.998 867	1	863	9 94.5
138	8.858 290	105	8.859 424	105	1.140 576	9.998 866	0	862	
139	8.858 395	105	8.859 529	105	1.140 471	9.998 866	1	861	
.140	8.858 500	104	8.859 634	106	1.140 366	9.998 865	0	**.860**	104
141	8.858 604	105	8.859 740	105	1.140 260	9.998 865	1	859	1 10.4
142	8.858 709	105	8.859 845	105	1.140 155	9.998 864	0	858	2 20.8
143	8.858 814	104	8.859 950	105	1.140 050	9.998 864	1	857	3 31.2
144	8.858 918	105	8.860 055	105	1.139 945	9.998 863	0	856	4 41.6
145	8.859 023	105	8.860 160	106	1.139 840	9.998 863	1	855	5 52.0
146	8.859 128	104	8.860 266	105	1.139 734	9.998 862	1	854	6 62.4
147	8.859 232	105	8.860 371	105	1.139 629	9.998 861	0	853	7 72.8
148	8.859 337	104	8.860 476	105	1.139 524	9.998 861	1	852	8 83.2
149	8.859 441	105	8.860 581	105	1.139 419	9.998 860	0	851	9 93.6
.150	8.859 546		8.860 686		1.139 314	9.998 860		**.850**	
	cos	d	cotg	d	tang	sin	d	**85°**	P.P.

85°.900 — 85°.850

4°.150 — 4°.200

4°	sin	d	tang	d	cotg	cos	d		P.P.
.150	8.859 546	104	8.860 686	105	1.139 314	9.998 860	1	**.850**	
151	8.859 650	105	8.860 791	105	1.139 209	9.998 859	0	849	
152	8.859 755	104	8.860 896	105	1.139 104	9.998 859	1	848	
153	8.859 859	104	8.861 001	105	1.138 999	9.998 858	0	847	
154	8.859 963	105	8.861 106	105	1.138 894	9.998 858	1	846	
155	8.860 068	104	8.861 211	105	1.138 789	9.998 857	1	845	
156	8.860 172	104	8.861 316	104	1.138 684	9.998 856	0	844	
157	8.860 276	105	8.861 420	105	1.138 580	9.998 856	1	843	
158	8.860 381	104	8.861 525	105	1.138 475	9.998 855	0	842	
159	8.860 485	104	8.861 630	105	1.138 370	9.998 855	1	841	
.160	8.860 589	104	8.861 735	105	1.138 265	9.998 854	0	**.840**	
161	8.860 693	104	8.861 840	104	1.138 160	9.998 854	1	839	
162	8.860 797	105	8.861 944	105	1.138 056	9.998 853	0	838	
163	8.860 902	104	8.862 049	105	1.137 951	9.998 853	1	837	
164	8.861 006	104	8.862 154	104	1.137 846	9.998 852	0	836	
165	8.861 110	104	8.862 258	105	1.137 742	9.998 852	1	835	
166	8.861 214	104	8.862 363	105	1.137 637	9.998 851	0	834	
167	8.861 318	104	8.862 468	104	1.137 532	9.998 850	1	833	
168	8.861 422	104	8.862 572	105	1.137 428	9.998 850	0	832	
169	8.861 526	104	8.862 677	104	1.137 323	9.998 849	1	831	
.170	8.861 630	104	8.862 781	105	1.137 219	9.998 849	0	**.830**	
171	8.861 734	104	8.862 886	104	1.137 114	9.998 848	1	829	
172	8.861 838	104	8.862 990	105	1.137 010	9.998 848	0	828	
173	8.861 942	104	8.863 095	104	1.136 905	9.998 847	1	827	
174	8.862 046	103	8.863 199	104	1.136 801	9.998 847	0	826	
175	8.862 149	104	8.863 303	105	1.136 697	9.998 846	1	825	
176	8.862 253	104	8.863 408	104	1.136 592	9.998 845	1	824	
177	8.862 357	104	8.863 512	105	1.136 488	9.998 845	0	823	
178	8.862 461	104	8.863 617	104	1.136 383	9.998 844	1	822	
179	8.862 565	103	8.863 721	104	1.136 279	9.998 844	0	821	
.180	8.862 668	104	8.863 825	104	1.136 175	9.998 843	1	**.820**	
181	8.862 772	104	8.863 929	105	1.136 071	9.998 843	0	819	
182	8.862 876	103	8.864 034	104	1.135 966	9.998 842	1	818	
183	8.862 979	104	8.864 138	104	1.135 862	9.998 842	0	817	
184	8.863 083	104	8.864 242	104	1.135 758	9.998 841	1	816	
185	8.863 187	103	8.864 346	104	1.135 654	9.998 840	1	815	
186	8.863 290	104	8.864 450	104	1.135 550	9.998 840	0	814	
187	8.863 394	103	8.864 554	104	1.135 446	9.998 839	1	813	
188	8.863 497	104	8.864 658	105	1.135 342	9.998 839	0	812	
189	8.863 601	103	8.864 763	104	1.135 237	9.998 838	1	811	
.190	8.863 704	104	8.864 867	104	1.135 133	9.998 838	0	**.810**	
191	8.863 808	103	8.864 971	104	1.135 029	9.998 837	1	809	
192	8.863 911	104	8.865 075	103	1.134 925	9.998 837	0	808	
193	8.864 015	103	8.865 178	104	1.134 822	9.998 836	1	807	
194	8.864 118	103	8.865 282	104	1.134 718	9.998 835	1	806	
195	8.864 221	104	8.865 386	104	1.134 614	9.998 835	0	805	
196	8.864 325	103	8.865 490	104	1.134 510	9.998 834	1	804	
197	8.864 428	103	8.865 594	104	1.134 406	9.998 834	0	803	
198	8.864 531	103	8.865 698	104	1.134 302	9.998 833	1	802	
199	8.864 634	104	8.865 802	104	1.134 198	9.998 833	0	801	
.200	8.864 738		8.865 906		1.134 094	9.998 832	1	**.800**	
	cos	d	cotg	d	tang	sin	d	**85°**	P.P.

	105
1	10.5
2	21.0
3	31.5
4	42.0
5	52.5
6	63.0
7	73.5
8	84.0
9	94.5

	104
1	10.4
2	20.8
3	31.2
4	41.6
5	52.0
6	62.4
7	72.8
8	83.2
9	93.6

	103
1	10.3
2	20.6
3	30.9
4	41.2
5	51.5
6	61.8
7	72.1
8	82.4
9	92.7

85°.850 — 85°.800

4°.200 — 4°.250

4°	sin	d	tang	d	cotg	cos	d		P.P.
.200	8.864 738	103	8.865 906	103	1.134 094	9.998 832	0	**.800**	
201	8.864 841	103	8.866 009	104	1.133 991	9.998 832	1	799	
202	8.864 944	103	8.866 113	104	1.133 887	9.998 831	1	798	
203	8.865 047	103	8.866 217	103	1.133 783	9.998 830	0	797	
204	8.865 150	103	8.866 320	104	1.133 680	9.998 830	1	796	
205	8.865 253	104	8.866 424	104	1.133 576	9.998 829	0	795	
206	8.865 357	103	8.866 528	103	1.133 472	9.998 829	1	794	
207	8.865 460	103	8.866 631	104	1.133 369	9.998 828	0	793	
208	8.865 563	103	8.866 735	104	1.133 265	9.998 828	1	792	
209	8.865 666	103	8.866 839	103	1.133 161	9.998 827	0	791	
.210	8.865 769	103	8.866 942	104	1.133 058	9.998 827	1	**.790**	
211	8.865 872	102	8.867 046	103	1.132 954	9.998 826	1	789	
212	8.865 974	103	8.867 149	104	1.132 851	9.998 825	0	788	
213	8.866 077	103	8.867 253	103	1.132 747	9.998 825	1	787	
214	8.866 180	103	8.867 356	103	1.132 644	9.998 824	0	786	
215	8.866 283	103	8.867 459	104	1.132 541	9.998 824	1	785	
216	8.866 386	103	8.867 563	103	1.132 437	9.998 823	0	784	
217	8.866 489	103	8.867 666	104	1.132 334	9.998 823	1	783	
218	8.866 592	102	8.867 770	103	1.132 230	9.998 822	0	782	
219	8.866 694	103	8.867 873	103	1.132 127	9.998 822	1	781	
.220	8.866 797	103	8.867 976	103	1.132 024	9.998 821	1	**.780**	
221	8.866 900	102	8.868 079	104	1.131 921	9.998 820	0	779	
222	8.867 002	103	8.868 183	103	1.131 817	9.998 820	1	778	
223	8.867 105	103	8.868 286	103	1.131 714	9.998 819	0	777	
224	8.867 208	102	8.868 389	103	1.131 611	9.998 819	1	776	
225	8.867 310	103	8.868 492	103	1.131 508	9.998 818	0	775	
226	8.867 413	103	8.868 595	104	1.131 405	9.998 818	1	774	
227	8.867 516	102	8.868 699	103	1.131 301	9.998 817	1	773	
228	8.867 618	103	8.868 802	103	1.131 198	9.998 816	0	772	
229	8.867 721	102	8.868 905	103	1.131 095	9.998 816	1	771	
.230	8.867 823	103	8.869 008	103	1.130 992	9.998 815	0	**.770**	
231	8.867 926	102	8.869 111	103	1.130 889	9.998 815	1	769	
232	8.868 028	102	8.869 214	103	1.130 786	9.998 814	0	768	
233	8.868 130	103	8.869 317	103	1.130 683	9.998 814	1	767	
234	8.868 233	102	8.869 420	103	1.130 580	9.998 813	0	766	
235	8.868 335	103	8.869 523	103	1.130 477	9.998 813	1	765	
236	8.868 438	102	8.869 626	102	1.130 374	9.998 812	1	764	
237	8.868 540	102	8.869 728	103	1.130 272	9.998 811	0	763	
238	8.868 642	103	8.869 831	103	1.130 169	9.998 811	1	762	
239	8.868 745	102	8.869 934	103	1.130 066	9.998 810	0	761	
.240	8.868 847	102	8.870 037	103	1.129 963	9.998 810	1	**.760**	
241	8.868 949	102	8.870 140	103	1.129 860	9.998 809	0	759	
242	8.869 051	102	8.870 243	102	1.129 757	9.998 809	1	758	
243	8.869 153	103	8.870 345	103	1.129 655	9.998 808	0	757	
244	8.869 256	102	8.870 448	103	1.129 552	9.998 808	1	756	
245	8.869 358	102	8.870 551	102	1.129 449	9.998 807	1	755	
246	8.869 460	102	8.870 653	103	1.129 347	9.998 806	0	754	
247	8.869 562	102	8.870 756	103	1.129 244	9.998 806	1	753	
248	8.869 664	102	8.870 859	102	1.129 141	9.998 805	0	752	
249	8.869 766	102	8.870 961	103	1.129 039	9.998 805	1	751	
.250	8.869 868		8.871 064		1.128 936	9.998 804		**.750**	
	cos	d	cotg	d	tang	sin	d	**85°**	P.P.

	104
1	10.4
2	20.8
3	31.2
4	41.6
5	52.0
6	62.4
7	72.8
8	83.2
9	93.6

	103
1	10.3
2	20.6
3	30.9
4	41.2
5	51.5
6	61.8
7	72.1
8	82.4
9	92.7

	102
1	10.2
2	20.4
3	30.6
4	40.8
5	51.0
6	61.2
7	71.4
8	81.6
9	91.8

85°.800 — 85°.750

4°.250 — 4°.300

4°	sin	d	tang	d	cotg	cos	d		P.P.
.250	8.869 868	102	8.871 064	102	1.128 936	9.998 804	0	**.750**	
251	8.869 970	102	8.871 166	103	1.128 834	9.998 804	1	749	
252	8.870 072	102	8.871 269	102	1.128 731	9.998 803	1	748	
253	8.870 174	102	8.871 371	103	1.128 629	9.998 802	0	747	
254	8.870 276	102	8.871 474	102	1.128 526	9.998 802	1	746	
255	8.870 378	102	8.871 576	103	1.128 424	9.998 801	0	745	
256	8.870 480	101	8.871 679	102	1.128 321	9.998 801	1	744	
257	8.870 581	102	8.871 781	103	1.128 219	9.998 800	0	743	
258	8.870 683	102	8.871 884	102	1.128 116	9.998 800	1	742	
259	8.870 785	102	8.871 986	102	1.128 014	9.998 799	1	741	
.260	8.870 887	102	8.872 088	103	1.127 912	9.998 798	0	**.740**	
261	8.870 989	101	8.872 191	102	1.127 809	9.998 798	1	739	
262	8.871 090	102	8.872 293	102	1.127 707	9.998 797	0	738	
263	8.871 192	102	8.872 395	102	1.127 605	9.998 797	1	737	
264	8.871 294	101	8.872 497	103	1.127 503	9.998 796	0	736	
265	8.871 395	102	8.872 600	102	1.127 400	9.998 796	1	735	
266	8.871 497	101	8.872 702	102	1.127 298	9.998 795	0	734	
267	8.871 598	102	8.872 804	102	1.127 196	9.998 795	1	733	
268	8.871 700	102	8.872 906	102	1.127 094	9.998 794	1	732	
269	8.871 802	101	8.873 008	102	1.126 992	9.998 793	0	731	
.270	8.871 903	102	8.873 110	102	1.126 890	9.998 793	1	**.730**	
271	8.872 005	101	8.873 212	102	1.126 788	9.998 792	0	729	
272	8.872 106	102	8.873 314	102	1.126 686	9.998 792	1	728	
273	8.872 208	101	8.873 416	102	1.126 584	9.998 791	0	727	
274	8.872 309	101	8.873 518	102	1.126 482	9.998 791	1	726	
275	8.872 410	102	8.873 620	102	1.126 380	9.998 790	1	725	
276	8.872 512	101	8.873 722	102	1.126 278	9.998 789	0	724	
277	8.872 613	102	8.873 824	102	1.126 176	9.998 789	1	723	
278	8.872 715	101	8.873 926	102	1.126 074	9.998 788	0	722	
279	8.872 816	101	8.874 028	102	1.125 972	9.998 788	1	721	
.280	8.872 917	101	8.874 130	102	1.125 870	9.998 787	0	**.720**	
281	8.873 018	102	8.874 232	102	1.125 768	9.998 787	1	719	
282	8.873 120	101	8.874 334	101	1.125 666	9.998 786	1	718	
283	8.873 221	101	8.874 435	102	1.125 565	9.998 785	0	717	
284	8.873 322	101	8.874 537	102	1.125 463	9.998 785	1	716	
285	8.873 423	101	8.874 639	102	1.125 361	9.998 784	0	715	
286	8.873 524	102	8.874 741	101	1.125 259	9.998 784	1	714	
287	8.873 626	101	8.874 842	102	1.125 158	9.998 783	0	713	
288	8.873 727	101	8.874 944	102	1.125 056	9.998 783	1	712	
289	8.873 828	101	8.875 046	101	1.124 954	9.998 782	1	711	
.290	8.873 929	101	8.875 147	102	1.124 853	9.998 781	0	**.710**	
291	8.874 030	101	8.875 249	101	1.124 751	9.998 781	1	709	
292	8.874 131	101	8.875 350	102	1.124 650	9.998 780	0	708	
293	8.874 232	101	8.875 452	102	1.124 548	9.998 780	1	707	
294	8.874 333	101	8.875 554	101	1.124 446	9.998 779	0	706	
295	8.874 434	101	8.875 655	102	1.124 345	9.998 779	1	705	
296	8.874 535	101	8.875 757	101	1.124 243	9.998 778	0	704	
297	8.874 636	100	8.875 858	101	1.124 142	9.998 778	1	703	
298	8.874 736	101	8.875 959	102	1.124 041	9.998 777	1	702	
299	8.874 837	101	8.876 061	101	1.123 939	9.998 776	0	701	
.300	8.874 938		8.876 162		1.123 838	9.998 776		**.700**	
	cos	d	cotg	d	tang	sin	d	**85°**	P.P.

	103
1	10.3
2	20.6
3	30.9
4	41.2
5	51.5
6	61.8
7	72.1
8	82.4
9	92.7

	102
1	10.2
2	20.4
3	30.6
4	40.8
5	51.0
6	61.2
7	71.4
8	81.6
9	91.8

	101
1	10.1
2	20.2
3	30.3
4	40.4
5	50.5
6	60.6
7	70.7
8	80.8
9	90.9

	100
1	10.0
2	20.0
3	30.0
4	40.0
5	50.0
6	60.0
7	70.0
8	80.0
9	90.0

85°.750 — 85°.700

4°.300 — 4°.350

4°	sin	d	tang	d	cotg	cos	d		P.P.
.300	8.874 938	101	8.876 162	102	1.123 838	9.998 776	1	**.700**	
301	8.875 039	101	8.876 264	101	1.123 736	9.998 775	0	699	
302	8.875 140	100	8.876 365	101	1.123 635	9.998 775	1	698	
303	8.875 240	101	8.876 466	102	1.123 534	9.998 774	0	697	
304	8.875 341	101	8.876 568	101	1.123 432	9.998 774	1	696	102
305	8.875 442	100	8.876 669	101	1.123 331	9.998 773	1	695	1 10.2
306	8.875 542	101	8.876 770	101	1.123 230	9.998 772	0	694	2 20.4
307	8.875 643	101	8.876 871	102	1.123 129	9.998 772	1	693	3 30.6
308	8.875 744	100	8.876 973	101	1.123 027	9.998 771	0	692	4 40.8
309	8.875 844	101	8.877 074	101	1.122 926	9.998 771	1	691	5 51.0
.310	8.875 945	101	8.877 175	101	1.122 825	9.998 770	0	**.690**	6 61.2
311	8.876 046	100	8.877 276	101	1.122 724	9.998 770	1	689	7 71.4
312	8.876 146	101	8.877 377	101	1.122 623	9.998 769	1	688	8 81.6
313	8.876 247	100	8.877 478	101	1.122 522	9.998 768	0	687	9 91.8
314	8.876 347	101	8.877 579	101	1.122 421	9.998 768	1	686	
315	8.876 448	100	8.877 680	101	1.122 320	9.998 767	0	685	101
316	8.876 548	100	8.877 781	101	1.122 219	9.998 767	1	684	1 10.1
317	8.876 648	101	8.877 882	101	1.122 118	9.998 766	0	683	2 20.2
318	8.876 749	100	8.877 983	101	1.122 017	9.998 766	1	682	3 30.3
319	8.876 849	101	8.878 084	101	1.121 916	9.998 765	1	681	4 40.4
.320	8.876 950	100	8.878 185	101	1.121 815	9.998 764	0	**.680**	5 50.5
321	8.877 050	100	8.878 286	101	1.121 714	9.998 764	1	679	6 60.6
322	8.877 150	100	8.878 387	101	1.121 613	9.998 763	0	678	7 70.7
323	8.877 250	101	8.878 488	101	1.121 512	9.998 763	1	677	8 80.8
324	8.877 351	100	8.878 589	100	1.121 411	9.998 762	0	676	9 90.9
325	8.877 451	100	8.878 689	101	1.121 311	9.998 762	1	675	
326	8.877 551	100	8.878 790	101	1.121 210	9.998 761	1	674	
327	8.877 651	101	8.878 891	101	1.121 109	9.998 760	0	673	100
328	8.877 752	100	8.878 992	100	1.121 008	9.998 760	1	672	1 10.0
329	8.877 852	100	8.879 092	101	1.120 908	9.998 759	0	671	2 20.0
.330	8.877 952	100	8.879 193	101	1.120 807	9.998 759	1	**.670**	3 30.0
331	8.878 052	100	8.879 294	100	1.120 706	9.998 758	1	669	4 40.0
332	8.878 152	100	8.879 394	101	1.120 606	9.998 757	0	668	5 50.0
333	8.878 252	100	8.879 495	101	1.120 505	9.998 757	1	667	6 60.0
334	8.878 352	100	8.879 596	100	1.120 404	9.998 756	0	666	7 70.0
335	8.878 452	100	8.879 696	101	1.120 304	9.998 756	1	665	8 80.0
336	8.878 552	100	8.879 797	100	1.120 203	9.998 755	0	664	9 90.0
337	8.878 652	100	8.879 897	101	1.120 103	9.998 755	1	663	
338	8.878 752	100	8.879 998	100	1.120 002	9.998 754	1	662	
339	8.878 852	100	8.880 098	101	1.119 902	9.998 753	0	661	99
.340	8.878 952	100	8.880 199	100	1.119 801	9.998 753	1	**.660**	1 9.9
341	8.879 052	99	8.880 299	101	1.119 701	9.998 752	0	659	2 19.8
342	8.879 151	100	8.880 400	100	1.119 600	9.998 752	1	658	3 29.7
343	8.879 251	100	8.880 500	100	1.119 500	9.998 751	0	657	4 39.6
344	8.879 351	100	8.880 600	101	1.119 400	9.998 751	1	656	5 49.5
345	8.879 451	100	8.880 701	100	1.119 299	9.998 750	1	655	6 59.4
346	8.879 551	99	8.880 801	100	1.119 199	9.998 749	0	654	7 69.3
347	8.879 650	100	8.880 901	101	1.119 099	9.998 749	1	653	8 79.2
348	8.879 750	100	8.881 002	100	1.118 998	9.998 748	0	652	9 89.1
349	8.879 850	99	8.881 102	100	1.118 898	9.998 748	1	651	
.350	8.879 949		8.881 202		1.118 798	9.998 747		**.650**	
	cos	d	cotg	d	tang	sin	d	**85°**	P.P.

85°.700 — 85°.650

4°.350 — 4°.400

4°	sin	d	tang	d	cotg	cos	d		P.P.
.350	8.879 949		8.881 202		1.118 798	9.998 747		**.650**	
		100		100			0		
351	8.880 049		8.881 302		1.118 698	9.998 747		649	
		100		101			1		
352	8.880 149		8.881 403		1.118 597	9.998 746		648	
		99		100			1		
353	8.880 248		8.881 503		1.118 497	9.998 745		647	
		100		100			0		
354	8.880 348		8.881 603		1.118 397	9.998 745		646	
		99		100			1		
355	8.880 447		8.881 703		1.118 297	9.998 744		645	
		100		100			0		
356	8.880 547		8.881 803		1.118 197	9.998 744		644	
		99		100			1		
357	8.880 646		8.881 903		1.118 097	9.998 743		643	
		100		100			0		
358	8.880 746		8.882 003		1.117 997	9.998 743		642	
		99		100			1		
359	8.880 845		8.882 103		1.117 897	9.998 742		641	
		100		100			1		
.360	8.880 945		8.882 203		1.117 797	9.998 741		**.640**	
		99		100			0		
361	8.881 044		8.882 303		1.117 697	9.998 741		639	
		99		100			1		
362	8.881 143		8.882 403		1.117 597	9.998 740		638	
		100		100			0		
363	8.881 243		8.882 503		1.117 497	9.998 740		637	
		99		100			1		
364	8.881 342		8.882 603		1.117 397	9.998 739		636	
		99		100			1		
365	8.881 441		8.882 703		1.117 297	9.998 738		635	
		100		100			0		
366	8.881 541		8.882 803		1.117 197	9.998 738		634	
		99		100			1		
367	8.881 640		8.882 903		1.117 097	9.998 737		633	
		99		100			0		
368	8.881 739		8.883 003		1.116 997	9.998 737		632	
		99		99			1		
369	8.881 838		8.883 102		1.116 898	9.998 736		631	
		100		100			0		
.370	8.881 938		8.883 202		1.116 798	9.998 736		**.630**	
		99		100			1		
371	8.882 037		8.883 302		1.116 698	9.998 735		629	
		99		100			1		
372	8.882 136		8.883 402		1.116 598	9.998 734		628	
		99		99			0		
373	8.882 235		8.883 501		1.116 499	9.998 734		627	
		99		100			1		
374	8.882 334		8.883 601		1.116 399	9.998 733		626	
		99		100			0		
375	8.882 433		8.883 701		1.116 299	9.998 733		625	
		99		99			1		
376	8.882 532		8.883 800		1.116 200	9.998 732		624	
		99		100			0		
377	8.882 631		8.883 900		1.116 100	9.998 732		623	
		99		99			1		
378	8.882 730		8.883 999		1.116 001	9.998 731		622	
		99		100			1		
379	8.882 829		8.884 099		1.115 901	9.998 730		621	
		99		100			0		
.380	8.882 928		8.884 199		1.115 801	9.998 730		**.620**	
		99		99			1		
381	8.883 027		8.884 298		1.115 702	9.998 729		619	
		99		100			0		
382	8.883 126		8.884 398		1.115 602	9.998 729		618	
		99		99			1		
383	8.883 225		8.884 497		1.115 503	9.998 728		617	
		99		100			1		
384	8.883 324		8.884 597		1.115 403	9.998 727		616	
		99		99			0		
385	8.883 423		8.884 696		1.115 304	9.998 727		615	
		99		99			1		
386	8.883 522		8.884 795		1.115 205	9.998 726		614	
		99		100			0		
387	8.883 621		8.884 895		1.115 105	9.998 726		613	
		98		99			1		
388	8.883 719		8.884 994		1.115 006	9.998 725		612	
		99		100			0		
389	8.883 818		8.885 094		1.114 906	9.998 725		611	
		99		99			1		
.390	8.883 917		8.885 193		1.114 807	9.998 724		**.610**	
		99		99			1		
391	8.884 016		8.885 292		1.114 708	9.998 723		609	
		98		100			0		
392	8.884 114		8.885 392		1.114 608	9.998 723		608	
		99		99			1		
393	8.884 213		8.885 491		1.114 509	9.998 722		607	
		99		99			0		
394	8.884 312		8.885 590		1.114 410	9.998 722		606	
		98		99			1		
395	8.884 410		8.885 689		1.114 311	9.998 721		605	
		99		99			1		
396	8.884 509		8.885 788		1.114 212	9.998 720		604	
		98		100			0		
397	8.884 607		8.885 888		1.114 112	9.998 720		603	
		99		99			1		
398	8.884 706		8.885 987		1.114 013	9.998 719		602	
		99		99			0		
399	8.884 805		8.886 086		1.113 914	9.998 719		601	
		98		99			1		
.400	8.884 903		8.886 185		1.113 815	9.998 718		**.600**	
	cos	d	cotg	d	tang	sin	d	**85°**	P.P.

	101
1	10.1
2	20.2
3	30.3
4	40.4
5	50.5
6	60.6
7	70.7
8	80.8
9	90.9

	100
1	10.0
2	20.0
3	30.0
4	40.0
5	50.0
6	60.0
7	70.0
8	80.0
9	90.0

	99
1	9.9
2	19.8
3	29.7
4	39.6
5	49.5
6	59.4
7	69.3
8	79.2
9	89.1

	98
1	9.8
2	19.6
3	29.4
4	39.2
5	49.0
6	58.8
7	68.6
8	78.4
9	88.2

85°.650 — 85°.600

4°.400 — 4°.450

4°	sin	d	tang	d	cotg	cos	d		P.P.
.400	8.884 903		8.886 185		1.113 815	9.998 718		**.600**	
		99		99			0		
401	8.885 002		8.886 284		1.113 716	9.998 718		599	
		98		99			1		
402	8.885 100		8.886 383		1.113 617	9.998 717		598	
		99		99			1		
403	8.885 199		8.886 482		1.113 518	9.998 716		597	
		98		99			0		
404	8.885 297		8.886 581		1.113 419	9.998 716		596	
		98		99			1		
405	8.885 395		8.886 680		1.113 320	9.998 715		595	
		99		99			0		
406	8.885 494		8.886 779		1.113 221	9.998 715		594	
		98		99			1		
407	8.885 592		8.886 878		1.113 122	9.998 714		593	
		98		99			1		
408	8.885 690		8.886 977		1.113 023	9.998 713		592	
		99		99			0		
409	8.885 789		8.887 076		1.112 924	9.998 713		591	
		98		99			1		
.410	8.885 887		8.887 175		1.112 825	9.998 712		**.590**	
		98		99			0		
411	8.885 985		8.887 274		1.112 726	9.998 712		589	
		99		98			1		
412	8.886 084		8.887 372		1.112 628	9.998 711		588	
		98		99			0		
413	8.886 182		8.887 471		1.112 529	9.998 711		587	
		98		99			1		
414	8.886 280		8.887 570		1.112 430	9.998 710		586	
		98		99			1		
415	8.886 378		8.887 669		1.112 331	9.998 709		585	
		98		99			0		
416	8.886 476		8.887 768		1.112 232	9.998 709		584	
		99		98			1		
417	8.886 575		8.887 866		1.112 134	9.998 708		583	
		98		99			0		
418	8.886 673		8.887 965		1.112 035	9.998 708		582	
		98		99			1		
419	8.886 771		8.888 064		1.111 936	9.998 707		581	
		98		98			1		
.420	8.886 869		8.888 162		1.111 838	9.998 706		**.580**	
		98		99			0		
421	8.886 967		8.888 261		1.111 739	9.998 706		579	
		98		99			1		
422	8.887 065		8.888 360		1.111 640	9.998 705		578	
		98		98			0		
423	8.887 163		8.888 458		1.111 542	9.998 705		577	
		98		99			1		
424	8.887 261		8.888 557		1.111 443	9.998 704		576	
		98		98			0		
425	8.887 359		8.888 655		1.111 345	9.998 704		575	
		98		99			1		
426	8.887 457		8.888 754		1.111 246	9.998 703		574	
		98		98			1		
427	8.887 555		8.888 852		1.111 148	9.998 702		573	
		98		99			0		
428	8.887 653		8.888 951		1.111 049	9.998 702		572	
		97		98			1		
429	8.887 750		8.889 049		1.110 951	9.998 701		571	
		98		99			0		
.430	8.887 848		8.889 148		1.110 852	9.998 701		**.570**	
		98		98			1		
431	8.887 946		8.889 246		1.110 754	9.998 700		569	
		98		99			1		
432	8.888 044		8.889 345		1.110 655	9.998 699		568	
		98		98			0		
433	8.888 142		8.889 443		1.110 557	9.998 699		567	
		97		98			1		
434	8.888 239		8.889 541		1.110 459	9.998 698		566	
		98		99			0		
435	8.888 337		8.889 640		1.110 360	9.998 698		565	
		98		98			1		
436	8.888 435		8.889 738		1.110 262	9.998 697		564	
		98		98			1		
437	8.888 533		8.889 836		1.110 164	9.998 696		563	
		97		98			0		
438	8.888 630		8.889 934		1.110 066	9.998 696		562	
		98		99			1		
439	8.888 728		8.890 033		1.109 967	9.998 695		561	
		98		98			0		
.440	8.888 826		8.890 131		1.109 869	9.998 695		**.560**	
		97		98			1		
441	8.888 923		8.890 229		1.109 771	9.998 694		559	
		98		98			0		
442	8.889 021		8.890 327		1.109 673	9.998 694		558	
		97		98			1		
443	8.889 118		8.890 425		1.109 575	9.998 693		557	
		98		99			1		
444	8.889 216		8.890 524		1.109 476	9.998 692		556	
		97		98			0		
445	8.889 313		8.890 622		1.109 378	9.998 692		555	
		98		98			1		
446	8.889 411		8.890 720		1.109 280	9.998 691		554	
		97		98			0		
447	8.889 508		8.890 818		1.109 182	9.998 691		553	
		98		98			1		
448	8.889 606		8.890 916		1.109 084	9.998 690		552	
		97		98			1		
449	8.889 703		8.891 014		1.108 986	9.998 689		551	
		98		98			0		
.450	8.889 801		8.891 112		1.108 888	9.998 689		**.550**	
	cos	d	cotg	d	tang	sin	d	**85°**	P.P.

	99
1	9.9
2	19.8
3	29.7
4	39.6
5	49.5
6	59.4
7	69.3
8	79.2
9	89.1

	98
1	9.8
2	19.6
3	29.4
4	39.2
5	49.0
6	58.8
7	68.6
8	78.4
9	88.2

	97
1	9.7
2	19.4
3	29.1
4	38.8
5	48.5
6	58.2
7	67.9
8	77.6
9	87.3

85°.600 — 85°.550

4°.450 — 4°.500

4°	sin	d	tang	d	cotg	cos	d		P.P.
.450	8.889 801	97	8.891 112	98	1.108 888	9.998 689	1	**.550**	
451	8.889 898	97	8.891 210	98	1.108 790	9.998 688	0	549	
452	8.889 995	98	8.891 308	98	1.108 692	9.998 688	1	548	
453	8.890 093	97	8.891 406	98	1.108 594	9.998 687	1	547	
454	8.890 190	97	8.891 504	98	1.108 496	9.998 686	0	546	
455	8.890 287	98	8.891 602	97	1.108 398	9.998 686	1	545	
456	8.890 385	97	8.891 699	98	1.108 301	9.998 685	0	544	
457	8.890 482	97	8.891 797	98	1.108 203	9.998 685	1	543	
458	8.890 579	97	8.891 895	98	1.108 105	9.998 684	1	542	
459	8.890 676	98	8.891 993	98	1.108 007	9.998 683	0	541	
.460	8.890 774	97	8.892 091	97	1.107 909	9.998 683	1	**.540**	
461	8.890 871	97	8.892 188	98	1.107 812	9.998 682	0	539	
462	8.890 968	97	8.892 286	98	1.107 714	9.998 682	1	538	
463	8.891 065	97	8.892 384	98	1.107 616	9.998 681	0	537	
464	8.891 162	97	8.892 482	97	1.107 518	9.998 681	1	536	
465	8.891 259	97	8.892 579	98	1.107 421	9.998 680	1	535	
466	8.891 356	97	8.892 677	98	1.107 323	9.998 679	0	534	
467	8.891 453	97	8.892 775	97	1.107 225	9.998 679	1	533	
468	8.891 550	97	8.892 872	98	1.107 128	9.998 678	0	532	
469	8.891 647	97	8.892 970	97	1.107 030	9.998 678	1	531	
.470	8.891 744	97	8.893 067	98	1.106 933	9.998 677	1	**.530**	
471	8.891 841	97	8.893 165	97	1.106 835	9.998 676	0	529	
472	8.891 938	97	8.893 262	98	1.106 738	9.998 676	1	528	
473	8.892 035	97	8.893 360	97	1.106 640	9.998 675	0	527	
474	8.892 132	97	8.893 457	98	1.106 543	9.998 675	1	526	
475	8.892 229	97	8.893 555	97	1.106 445	9.998 674	1	525	
476	8.892 326	96	8.893 652	98	1.106 348	9.998 673	0	524	
477	8.892 422	97	8.893 750	97	1.106 250	9.998 673	1	523	
478	8.892 519	97	8.893 847	97	1.106 153	9.998 672	0	522	
479	8.892 616	97	8.893 944	98	1.106 056	9.998 672	1	521	
.480	8.892 713	96	8.894 042	97	1.105 958	9.998 671	1	**.520**	
481	8.892 809	97	8.894 139	97	1.105 861	9.998 670	0	519	
482	8.892 906	97	8.894 236	98	1.105 764	9.998 670	1	518	
483	8.893 003	97	8.894 334	97	1.105 666	9.998 669	0	517	
484	8.893 100	96	8.894 431	97	1.105 569	9.998 669	1	516	
485	8.893 196	97	8.894 528	97	1.105 472	9.998 668	1	515	
486	8.893 293	96	8.894 625	98	1.105 375	9.998 667	0	514	
487	8.893 389	97	8.894 723	97	1.105 277	9.998 667	1	513	
488	8.893 486	97	8.894 820	97	1.105 180	9.998 666	0	512	
489	8.893 583	96	8.894 917	97	1.105 083	9.998 666	1	511	
.490	8.893 679	97	8.895 014	97	1.104 986	9.998 665	0	**.510**	
491	8.893 776	96	8.895 111	97	1.104 889	9.998 665	1	509	
492	8.893 872	97	8.895 208	97	1.104 792	9.998 664	1	508	
493	8.893 969	96	8.895 305	97	1.104 695	9.998 663	0	507	
494	8.894 065	96	8.895 402	97	1.104 598	9.998 663	1	506	
495	8.894 161	97	8.895 499	97	1.104 501	9.998 662	0	505	
496	8.894 258	96	8.895 596	97	1.104 404	9.998 662	1	504	
497	8.894 354	97	8.895 693	97	1.104 307	9.998 661	1	503	
498	8.894 451	96	8.895 790	97	1.104 210	9.998 660	0	502	
499	8.894 547	96	8.895 887	97	1.104 113	9.998 660	1	501	
.500	8.894 643		8.895 984		1.104 016	9.998 659		**.500**	
	cos	d	cotg	d	tang	sin	d	**85°**	P.P.

	98
1	9.8
2	19.6
3	29.4
4	39.2
5	49.0
6	58.8
7	68.6
8	78.4
9	88.2

	97
1	9.7
2	19.4
3	29.1
4	38.8
5	48.5
6	58.2
7	67.9
8	77.6
9	87.3

	96
1	9.6
2	19.2
3	28.8
4	38.4
5	48.0
6	57.6
7	67.2
8	76.8
9	86.4

85°.550 — 85°.500

4°.500 — 4°.550

4°	sin	d	tang	d	cotg	cos	d		P.P.
.500	8.894 643		8.895 984		1.104 016	9.998 659		**.500**	
		97		97			0		
501	8.894 740		8.896 081		1.103 919	9.998 659		499	
		96		97			1		
502	8.894 836		8.896 178		1.103 822	9.998 658		498	
		96		97			1		
503	8.894 932		8.896 275		1.103 725	9.998 657		497	
		96		97			0		
504	8.895 028		8.896 372		1.103 628	9.998 657		496	
		97		96			1		
505	8.895 125		8.896 468		1.103 532	9.998 656		495	
		96		97			0		
506	8.895 221		8.896 565		1.103 435	9.998 656		494	
		96		97			1		
507	8.895 317		8.896 662		1.103 338	9.998 655		493	
		96		97			1		
508	8.895 413		8.896 759		1.103 241	9.998 654		492	
		96		96			0		
509	8.895 509		8.896 855		1.103 145	9.998 654		491	
		96		97			1		
.510	8.895 605		8.896 952		1.103 048	9.998 653		**.490**	
		96		97			0		
511	8.895 701		8.897 049		1.102 951	9.998 653		489	
		96		97			1		
512	8.895 797		8.897 146		1.102 854	9.998 652		488	
		97		96			1		
513	8.895 894		8.897 242		1.102 758	9.998 651		487	
		96		97			0		
514	8.895 990		8.897 339		1.102 661	9.998 651		486	
		96		96			1		
515	8.896 086		8.897 435		1.102 565	9.998 650		485	
		96		97			0		
516	8.896 182		8.897 532		1.102 468	9.998 650		484	
		95		97			1		
517	8.896 277		8.897 629		1.102 371	9.998 649		483	
		96		96			1		
518	8.896 373		8.897 725		1.102 275	9.998 648		482	
		96		97			0		
519	8.896 469		8.897 822		1.102 178	9.998 648		481	
		96		96			1		
.520	8.896 565		8.897 918		1.102 082	9.998 647		**.480**	
		96		97			0		
521	8.896 661		8.898 015		1.101 985	9.998 647		479	
		96		96			1		
522	8.896 757		8.898 111		1.101 889	9.998 646		478	
		96		96			1		
523	8.896 853		8.898 207		1.101 793	9.998 645		477	
		96		97			0		
524	8.896 949		8.898 304		1.101 696	9.998 645		476	
		95		96			1		
525	8.897 044		8.898 400		1.101 600	9.998 644		475	
		96		97			0		
526	8.897 140		8.898 497		1.101 503	9.998 644		474	
		96		96			1		
527	8.897 236		8.898 593		1.101 407	9.998 643		473	
		96		96			1		
528	8.897 332		8.898 689		1.101 311	9.998 642		472	
		95		97			0		
529	8.897 427		8.898 786		1.101 214	9.998 642		471	
		96		96			1		
.530	8.897 523		8.898 882		1.101 118	9.998 641		**.470**	
		96		96			0		
531	8.897 619		8.898 978		1.101 022	9.998 641		469	
		95		96			1		
532	8.897 714		8.899 074		1.100 926	9.998 640		468	
		96		97			1		
533	8.897 810		8.899 171		1.100 829	9.998 639		467	
		96		96			0		
534	8.897 906		8.899 267		1.100 733	9.998 639		466	
		95		96			1		
535	8.898 001		8.899 363		1.100 637	9.998 638		465	
		96		96			0		
536	8.898 097		8.899 459		1.100 541	9.998 638		464	
		95		96			1		
537	8.898 192		8.899 555		1.100 445	9.998 637		463	
		96		96			1		
538	8.898 288		8.899 651		1.100 349	9.998 636		462	
		95		96			0		
539	8.898 383		8.899 747		1.100 253	9.998 636		461	
		96		96			1		
.540	8.898 479		8.899 843		1.100 157	9.998 635		**.460**	
		95		97			0		
541	8.898 574		8.899 940		1.100 060	9.998 635		459	
		96		96			1		
542	8.898 670		8.900 036		1.099 964	9.998 634		458	
		95		96			1		
543	8.898 765		8.900 132		1.099 868	9.998 633		457	
		95		96			0		
544	8.898 860		8.900 228		1.099 772	9.998 633		456	
		96		96			1		
545	8.898 956		8.900 324		1.099 676	9.998 632		455	
		95		95			0		
546	8.899 051		8.900 419		1.099 581	9.998 632		454	
		95		96			1		
547	8.899 146		8.900 515		1.099 485	9.998 631		453	
		96		96			1		
548	8.899 242		8.900 611		1.099 389	9.998 630		452	
		95		96			0		
549	8.899 337		8.900 707		1.099 293	9.998 630		451	
		95		96			1		
.550	8.899 432		8.900 803		1.099 197	9.998 629		**.450**	
	cos	d	cotg	d	tang	sin	d	**85°**	P.P.

	97
1	9.7
2	19.4
3	29.1
4	38.8
5	48.5
6	58.2
7	67.9
8	77.6
9	87.3

	96
1	9.6
2	19.2
3	28.8
4	38.4
5	48.0
6	57.6
7	67.2
8	76.8
9	86.4

	95
1	9.5
2	19.0
3	28.5
4	38.0
5	47.5
6	57.0
7	66.5
8	76.0
9	85.5

85°.500 — 85°.450

4°.550 — 4°.600

4°	sin	d	tang	d	cotg	cos	d		P.P.
.550	8.899 432		8.900 803		1.099 197	9.998 629		**.450**	
		95		96			0		
551	8.899 527		8.900 899		1.099 101	9.998 629		449	
		96		96			1		
552	8.899 623		8.900 995		1.099 005	9.998 628		448	
		95		96			1		
553	8.899 718		8.901 091		1.098 909	9.998 627		447	
		95		95			0		
554	8.899 813		8.901 186		1.098 814	9.998 627		446	
		95		96			1		
555	8.899 908		8.901 282		1.098 718	9.998 626		445	
		95		96			0		
556	8.900 003		8.901 378		1.098 622	9.998 626		444	
		95		95			1		
557	8.900 098		8.901 473		1.098 527	9.998 625		443	
		96		96			1		
558	8.900 194		8.901 569		1.098 431	9.998 624		442	
		95		96			0		
559	8.900 289		8.901 665		1.098 335	9.998 624		441	
		95		96			1		
.560	8.900 384		8.901 761		1.098 239	9.998 623		**.440**	
		95		95			0		
561	8.900 479		8.901 856		1.098 144	9.998 623		439	
		95		96			1		
562	8.900 574		8.901 952		1.098 048	9.998 622		438	
		95		95			1		
563	8.900 669		8.902 047		1.097 953	9.998 621		437	
		95		96			0		
564	8.900 764		8.902 143		1.097 857	9.998 621		436	
		95		95			1		
565	8.900 859		8.902 238		1.097 762	9.998 620		435	
		94		96			1		
566	8.900 953		8.902 334		1.097 666	9.998 619		434	
		95		96			0		
567	8.901 048		8.902 430		1.097 570	9.998 619		433	
		95		95			1		
568	8.901 143		8.902 525		1.097 475	9.998 618		432	
		95		95			0		
569	8.901 238		8.902 620		1.097 380	9.998 618		431	
		95		96			1		
.570	8.901 333		8.902 716		1.097 284	9.998 617		**.430**	
		95		95			1		
571	8.901 428		8.902 811		1.097 189	9.998 616		429	
		95		96			0		
572	8.901 523		8.902 907		1.097 093	9.998 616		428	
		94		95			1		
573	8.901 617		8.903 002		1.096 998	9.998 615		427	
		95		95			0		
574	8.901 712		8.903 097		1.096 903	9.998 615		426	
		95		96			1		
575	8.901 807		8.903 193		1.096 807	9.998 614		425	
		95		95			1		
576	8.901 902		8.903 288		1.096 712	9.998 613		424	
		94		95			0		
577	8.901 996		8.903 383		1.096 617	9.998 613		423	
		95		96			1		
578	8.902 091		8.903 479		1.096 521	9.998 612		422	
		95		95			0		
579	8.902 186		8.903 574		1.096 426	9.998 612		421	
		94		95			1		
.580	8.902 280		8.903 669		1.096 331	9.998 611		**.420**	
		95		95			1		
581	8.902 375		8.903 764		1.096 236	9.998 610		419	
		94		96			0		
582	8.902 469		8.903 860		1.096 140	9.998 610		418	
		95		95			1		
583	8.902 564		8.903 955		1.096 045	9.998 609		417	
		95		95			0		
584	8.902 659		8.904 050		1.095 950	9.998 609		416	
		94		95			1		
585	8.902 753		8.904 145		1.095 855	9.998 608		415	
		95		95			1		
586	8.902 848		8.904 240		1.095 760	9.998 607		414	
		94		95			0		
587	8.902 942		8.904 335		1.095 665	9.998 607		413	
		95		95			1		
588	8.903 037		8.904 430		1.095 570	9.998 606		412	
		94		95			0		
589	8.903 131		8.904 525		1.095 475	9.998 606		411	
		94		96			1		
.590	8.903 225		8.904 621		1.095 379	9.998 605		**.410**	
		95		95			1		
591	8.903 320		8.904 716		1.095 284	9.998 604		409	
		94		95			0		
592	8.903 414		8.904 811		1.095 189	9.998 604		408	
		95		94			1		
593	8.903 509		8.904 905		1.095 095	9.998 603		407	
		94		95			1		
594	8.903 603		8.905 000		1.095 000	9.998 602		406	
		94		95			0		
595	8.903 697		8.905 095		1.094 905	9.998 602		405	
		95		95			1		
596	8.903 792		8.905 190		1.094 810	9.998 601		404	
		94		95			0		
597	8.903 886		8.905 285		1.094 715	9.998 601		403	
		94		95			1		
598	8.903 980		8.905 380		1.094 620	9.998 600		402	
		94		95			1		
599	8.904 074		8.905 475		1.094 525	9.998 599		401	
		95		95			0		
.600	8.904 169		8.905 570		1.094 430	9.998 599		**.400**	
	cos	d	cotg	d	tang	sin	d	**85°**	P.P.

	96
1	9.6
2	19.2
3	28.8
4	38.4
5	48.0
6	57.6
7	67.2
8	76.8
9	86.4

	95
1	9.5
2	19.0
3	28.5
4	38.0
5	47.5
6	57.0
7	66.5
8	76.0
9	85.5

	94
1	9.4
2	18.8
3	28.2
4	37.6
5	47.0
6	56.4
7	65.8
8	75.2
9	84.6

85°.450 — 85°.400

4°.600 — 4°.650

4°	sin	d	tang	d	cotg	cos	d		P.P.
.600	8.904 169		8.905 570		1.094 430	9.998 599		**.400**	
		94		95			1		
601	8.904 263		8.905 665		1.094 335	9.998 598		399	
		94		94			0		
602	8.904 357		8.905 759		1.094 241	9.998 598		398	
		94		95			1		
603	8.904 451		8.905 854		1.094 146	9.998 597		397	
		94		95			1		
604	8.904 545		8.905 949		1.094 051	9.998 596		396	
		94		95			0		
605	8.904 639		8.906 044		1.093 956	9.998 596		395	
		94		94			1		
606	8.904 733		8.906 138		1.093 862	9.998 595		394	
		95		95			0		
607	8.904 828		8.906 233		1.093 767	9.998 595		393	
		94		95			1		
608	8.904 922		8.906 328		1.093 672	9.998 594		392	
		94		94			1		
609	8.905 016		8.906 422		1.093 578	9.998 593		391	
		94		95			0		
.610	8.905 110		8.906 517		1.093 483	9.998 593		**.390**	
		94		94			1		
611	8.905 204		8.906 611		1.093 389	9.998 592		389	
		94		95			1		
612	8.905 298		8.906 706		1.093 294	9.998 591		388	
		94		95			0		
613	8.905 392		8.906 801		1.093 199	9.998 591		387	
		93		94			1		
614	8.905 485		8.906 895		1.093 105	9.998 590		386	
		94		95			0		
615	8.905 579		8.906 990		1.093 010	9.998 590		385	
		94		94			1		
616	8.905 673		8.907 084		1.092 916	9.998 589		384	
		94		95			1		
617	8.905 767		8.907 179		1.092 821	9.998 588		383	
		94		94			0		
618	8.905 861		8.907 273		1.092 727	9.998 588		382	
		94		95			1		
619	8.905 955		8.907 368		1.092 632	9.998 587		381	
		94		94			0		
.620	8.906 049		8.907 462		1.092 538	9.998 587		**.380**	
		93		94			1		
621	8.906 142		8.907 556		1.092 444	9.998 586		379	
		94		95			1		
622	8.906 236		8.907 651		1.092 349	9.998 585		378	
		94		94			0		
623	8.906 330		8.907 745		1.092 255	9.998 585		377	
		94		95			1		
624	8.906 424		8.907 840		1.092 160	9.998 584		376	
		93		94			0		
625	8.906 517		8.907 934		1.092 066	9.998 584		375	
		94		94			1		
626	8.906 611		8.908 028		1.091 972	9.998 583		374	
		94		94			1		
627	8.906 705		8.908 122		1.091 878	9.998 582		373	
		93		95			0		
628	8.906 798		8.908 217		1.091 783	9.998 582		372	
		94		94			1		
629	8.906 892		8.908 311		1.091 689	9.998 581		371	
		94		94			1		
.630	8.906 986		8.908 405		1.091 595	9.998 580		**.370**	
		93		94			0		
631	8.907 079		8.908 499		1.091 501	9.998 580		369	
		94		95			1		
632	8.907 173		8.908 594		1.091 406	9.998 579		368	
		93		94			0		
633	8.907 266		8.908 688		1.091 312	9.998 579		367	
		94		94			1		
634	8.907 360		8.908 782		1.091 218	9.998 578		366	
		93		94			1		
635	8.907 453		8.908 876		1.091 124	9.998 577		365	
		94		94			0		
636	8.907 547		8.908 970		1.091 030	9.998 577		364	
		93		94			1		
637	8.907 640		8.909 064		1.090 936	9.998 576		363	
		94		94			0		
638	8.907 734		8.909 158		1.090 842	9.998 576		362	
		93		94			1		
639	8.907 827		8.909 252		1.090 748	9.998 575		361	
		94		94			1		
.640	8.907 921		8.909 346		1.090 654	9.998 574		**.360**	
		93		94			0		
641	8.908 014		8.909 440		1.090 560	9.998 574		359	
		93		94			1		
642	8.908 107		8.909 534		1.090 466	9.998 573		358	
		94		94			1		
643	8.908 201		8.909 628		1.090 372	9.998 572		357	
		93		94			0		
644	8.908 294		8.909 722		1.090 278	9.998 572		356	
		93		94			1		
645	8.908 387		8.909 816		1.090 184	9.998 571		355	
		94		94			0		
646	8.908 481		8.909 910		1.090 090	9.998 571		354	
		93		94			1		
647	8.908 574		8.910 004		1.089 996	9.998 570		353	
		93		94			1		
648	8.908 667		8.910 098		1.089 902	9.998 569		352	
		93		93			0		
649	8.908 760		8.910 191		1.089 809	9.998 569		351	
		93		94			1		
.650	8.908 853		8.910 285		1.089 715	9.998 568		**.350**	
	cos	d	cotg	d	tang	sin	d	**85°**	P.P.

	95
1	9.5
2	19.0
3	28.5
4	38.0
5	47.5
6	57.0
7	66.5
8	76.0
9	85.5

	94
1	9.4
2	18.8
3	28.2
4	37.6
5	47.0
6	56.4
7	65.8
8	75.2
9	84.6

	93
1	9.3
2	18.6
3	27.9
4	37.2
5	46.5
6	55.8
7	65.1
8	74.4
9	83.7

85°.400 — 85°.350

4°.650 — 4°.700

4°	sin	d	tang	d	cotg	cos	d		P.P.
.650	8.908 853	94	8.910 285	94	1.089 715	9.998 568	0	**.350**	
651	8.908 947	93	8.910 379	94	1.089 621	9.998 568	1	349	
652	8.909 040	93	8.910 473	94	1.089 527	9.998 567	1	348	
653	8.909 133	93	8.910 567	93	1.089 433	9.998 566	0	347	
654	8.909 226	93	8.910 660	94	1.089 340	9.998 566	1	346	
655	8.909 319	93	8.910 754	94	1.089 246	9.998 565	1	345	
656	8.909 412	93	8.910 848	93	1.089 152	9.998 564	0	344	
657	8.909 505	93	8.910 941	94	1.089 059	9.998 564	1	343	
658	8.909 598	93	8.911 035	94	1.088 965	9.998 563	0	342	
659	8.909 691	93	8.911 129	93	1.088 871	9.998 563	1	341	
.660	8.909 784	93	8.911 222	94	1.088 778	9.998 562	1	**.340**	
661	8.909 877	93	8.911 316	94	1.088 684	9.998 561	0	339	
662	8.909 970	93	8.911 410	93	1.088 590	9.998 561	1	338	
663	8.910 063	93	8.911 503	94	1.088 497	9.998 560	0	337	
664	8.910 156	93	8.911 597	93	1.088 403	9.998 560	1	336	
665	8.910 249	93	8.911 690	94	1.088 310	9.998 559	1	335	
666	8.910 342	93	8.911 784	93	1.088 216	9.998 558	0	334	
667	8.910 435	93	8.911 877	94	1.088 123	9.998 558	1	333	
668	8.910 528	92	8.911 971	93	1.088 029	9.998 557	1	332	
669	8.910 620	93	8.912 064	93	1.087 936	9.998 556	0	331	
.670	8.910 713	93	8.912 157	94	1.087 843	9.998 556	1	**.330**	
671	8.910 806	93	8.912 251	93	1.087 749	9.998 555	0	329	
672	8.910 899	93	8.912 344	94	1.087 656	9.998 555	1	328	
673	8.910 992	92	8.912 438	93	1.087 562	9.998 554	1	327	
674	8.911 084	93	8.912 531	93	1.087 469	9.998 553	0	326	
675	8.911 177	93	8.912 624	94	1.087 376	9.998 553	1	325	
676	8.911 270	92	8.912 718	93	1.087 282	9.998 552	1	324	
677	8.911 362	93	8.912 811	93	1.087 189	9.998 551	0	323	
678	8.911 455	93	8.912 904	93	1.087 096	9.998 551	1	322	
679	8.911 548	92	8.912 997	94	1.087 003	9.998 550	0	321	
.680	8.911 640	93	8.913 091	93	1.086 909	9.998 550	1	**.320**	
681	8.911 733	92	8.913 184	93	1.086 816	9.998 549	1	319	
682	8.911 825	93	8.913 277	93	1.086 723	9.998 548	0	318	
683	8.911 918	92	8.913 370	93	1.086 630	9.998 548	1	317	
684	8.912 010	93	8.913 463	93	1.086 537	9.998 547	0	316	
685	8.912 103	92	8.913 556	93	1.086 444	9.998 547	1	315	
686	8.912 195	93	8.913 649	94	1.086 351	9.998 546	1	314	
687	8.912 288	92	8.913 743	93	1.086 257	9.998 545	0	313	
688	8.912 380	93	8.913 836	93	1.086 164	9.998 545	1	312	
689	8.912 473	92	8.913 929	93	1.086 071	9.998 544	1	311	
.690	8.912 565	92	8.914 022	93	1.085 978	9.998 543	0	**.310**	
691	8.912 657	93	8.914 115	93	1.085 885	9.998 543	1	309	
692	8.912 750	92	8.914 208	93	1.085 792	9.998 542	0	308	
693	8.912 842	93	8.914 301	93	1.085 699	9.998 542	1	307	
694	8.912 935	92	8.914 394	93	1.085 606	9.998 541	1	306	
695	8.913 027	92	8.914 487	92	1.085 513	9.998 540	0	305	
696	8.913 119	92	8.914 579	93	1.085 421	9.998 540	1	304	
697	8.913 211	93	8.914 672	93	1.085 328	9.998 539	1	303	
698	8.913 304	92	8.914 765	93	1.085 235	9.998 538	0	302	
699	8.913 396	92	8.914 858	93	1.085 142	9.998 538	1	301	
.700	8.913 488		8.914 951		1.085 049	9.998 537		**.300**	
	cos	d	cotg	d	tang	sin	d	**85°**	P.P.

	94
1	9.4
2	18.8
3	28.2
4	37.6
5	47.0
6	56.4
7	65.8
8	75.2
9	84.6

	93
1	9.3
2	18.6
3	27.9
4	37.2
5	46.5
6	55.8
7	65.1
8	74.4
9	83.7

	92
1	9.2
2	18.4
3	27.6
4	36.8
5	46.0
6	55.2
7	64.4
8	73.6
9	82.8

85°.350 — 85°.300

4°.700 — 4°.750

4°	sin	d	tang	d	cotg	cos	d		P.P.
.700	8.913 488	92	8.914 951	93	1.085 049	9.998 537	0	**.300**	
701	8.913 580	92	8.915 044	92	1.084 956	9.998 537	1	299	
702	8.913 672	93	8.915 136	93	1.084 864	9.998 536	1	298	
703	8.913 765	92	8.915 229	93	1.084 771	9.998 535	0	297	
704	8.913 857	92	8.915 322	93	1.084 678	9.998 535	1	296	
705	8.913 949	92	8.915 415	92	1.084 585	9.998 534	1	295	
706	8.914 041	92	8.915 507	93	1.084 493	9.998 533	0	294	
707	8.914 133	92	8.915 600	93	1.084 400	9.998 533	1	293	
708	8.914 225	92	8.915 693	92	1.084 307	9.998 532	0	292	
709	8.914 317	92	8.915 785	93	1.084 215	9.998 532	1	291	
.710	8.914 409	92	8.915 878	93	1.084 122	9.998 531	1	**.290**	
711	8.914 501	92	8.915 971	92	1.084 029	9.998 530	0	289	
712	8.914 593	92	8.916 063	93	1.083 937	9.998 530	1	288	
713	8.914 685	92	8.916 156	92	1.083 844	9.998 529	1	287	
714	8.914 777	92	8.916 248	93	1.083 752	9.998 528	0	286	
715	8.914 869	92	8.916 341	92	1.083 659	9.998 528	1	285	
716	8.914 961	92	8.916 433	93	1.083 567	9.998 527	0	284	
717	8.915 053	91	8.916 526	92	1.083 474	9.998 527	1	283	
718	8.915 144	92	8.916 618	93	1.083 382	9.998 526	1	282	
719	8.915 236	92	8.916 711	92	1.083 289	9.998 525	0	281	
.720	8.915 328	92	8.916 803	93	1.083 197	9.998 525	1	**.280**	
721	8.915 420	92	8.916 896	92	1.083 104	9.998 524	1	279	
722	8.915 512	91	8.916 988	93	1.083 012	9.998 523	0	278	
723	8.915 603	92	8.917 081	92	1.082 919	9.998 523	1	277	
724	8.915 695	92	8.917 173	92	1.082 827	9.998 522	0	276	
725	8.915 787	92	8.917 265	93	1.082 735	9.998 522	1	275	
726	8.915 879	91	8.917 358	92	1.082 642	9.998 521	1	274	
727	8.915 970	92	8.917 450	92	1.082 550	9.998 520	0	273	
728	8.916 062	91	8.917 542	92	1.082 458	9.998 520	1	272	
729	8.916 153	92	8.917 634	93	1.082 366	9.998 519	1	271	
.730	8.916 245	92	8.917 727	92	1.082 273	9.998 518	0	**.270**	
731	8.916 337	91	8.917 819	92	1.082 181	9.998 518	1	269	
732	8.916 428	92	8.917 911	92	1.082 089	9.998 517	0	268	
733	8.916 520	91	8.918 003	92	1.081 997	9.998 517	1	267	
734	8.916 611	92	8.918 095	93	1.081 905	9.998 516	1	266	
735	8.916 703	91	8.918 188	92	1.081 812	9.998 515	0	265	
736	8.916 794	92	8.918 280	92	1.081 720	9.998 515	1	264	
737	8.916 886	91	8.918 372	92	1.081 628	9.998 514	1	263	
738	8.916 977	92	8.918 464	92	1.081 536	9.998 513	0	262	
739	8.917 069	91	8.918 556	92	1.081 444	9.998 513	1	261	
.740	8.917 160	92	8.918 648	92	1.081 352	9.998 512	0	**.260**	
741	8.917 252	91	8.918 740	92	1.081 260	9.998 512	1	259	
742	8.917 343	91	8.918 832	92	1.081 168	9.998 511	1	258	
743	8.917 434	92	8.918 924	92	1.081 076	9.998 510	0	257	
744	8.917 526	91	8.919 016	92	1.080 984	9.998 510	1	256	
745	8.917 617	91	8.919 108	92	1.080 892	9.998 509	1	255	
746	8.917 708	92	8.919 200	92	1.080 800	9.998 508	0	254	
747	8.917 800	91	8.919 292	92	1.080 708	9.998 508	1	253	
748	8.917 891	91	8.919 384	92	1.080 616	9.998 507	1	252	
749	8.917 982	91	8.919 476	92	1.080 524	9.998 506	0	251	
.750	8.918 073		8.919 568		1.080 432	9.998 506		**.250**	
	cos	d	cotg	d	tang	sin	d	**85°**	P.P.

	93
1	9.3
2	18.6
3	27.9
4	37.2
5	46.5
6	55.8
7	65.1
8	74.4
9	83.7

	92
1	9.2
2	18.4
3	27.6
4	36.8
5	46.0
6	55.2
7	64.4
8	73.6
9	82.8

	91
1	9.1
2	18.2
3	27.3
4	36.4
5	45.5
6	54.6
7	63.7
8	72.8
9	81.9

85°.300 — 85°.250

4°.750 — 4°.800

4°	sin	d	tang	d	cotg	cos	d		P.P.
.750	8.918 073	92	8.919 568	91	1.080 432	9.998 506	1	**.250**	
751	8.918 165	91	8.919 659	92	1.080 341	9.998 505	0	249	
752	8.918 256	91	8.919 751	92	1.080 249	9.998 505	1	248	
753	8.918 347	91	8.919 843	92	1.080 157	9.998 504	1	247	
754	8.918 438	91	8.919 935	92	1.080 065	9.998 503	0	246	
755	8.918 529	91	8.920 027	91	1.079 973	9.998 503	1	245	
756	8.918 620	91	8.920 118	92	1.079 882	9.998 502	1	244	
757	8.918 711	92	8.920 210	92	1.079 790	9.998 501	0	243	
758	8.918 803	91	8.920 302	91	1.079 698	9.998 501	1	242	
759	8.918 894	91	8.920 393	92	1.079 607	9.998 500	0	241	
.760	8.918 985	91	8.920 485	92	1.079 515	9.998 500	1	**.240**	
761	8.919 076	91	8.920 577	91	1.079 423	9.998 499	1	239	
762	8.919 167	91	8.920 668	92	1.079 332	9.998 498	0	238	
763	8.919 258	91	8.920 760	92	1.079 240	9.998 498	1	237	
764	8.919 349	91	8.920 852	91	1.079 148	9.998 497	1	236	
765	8.919 440	90	8.920 943	92	1.079 057	9.998 496	0	235	
766	8.919 530	91	8.921 035	91	1.078 965	9.998 496	1	234	
767	8.919 621	91	8.921 126	92	1.078 874	9.998 495	1	233	
768	8.919 712	91	8.921 218	91	1.078 782	9.998 494	0	232	
769	8.919 803	91	8.921 309	92	1.078 691	9.998 494	1	231	
.770	8.919 894	91	8.921 401	91	1.078 599	9.998 493	0	**.230**	
771	8.919 985	91	8.921 492	92	1.078 508	9.998 493	1	229	
772	8.920 076	90	8.921 584	91	1.078 416	9.998 492	1	228	
773	8.920 166	91	8.921 675	91	1.078 325	9.998 491	0	227	
774	8.920 257	91	8.921 766	92	1.078 234	9.998 491	1	226	
775	8.920 348	91	8.921 858	91	1.078 142	9.998 490	1	225	
776	8.920 439	90	8.921 949	92	1.078 051	9.998 489	0	224	
777	8.920 529	91	8.922 041	91	1.077 959	9.998 489	1	223	
778	8.920 620	91	8.922 132	91	1.077 868	9.998 488	0	222	
779	8.920 711	90	8.922 223	91	1.077 777	9.998 488	1	221	
.780	8.920 801	91	8.922 314	92	1.077 686	9.998 487	1	**.220**	
781	8.920 892	91	8.922 406	91	1.077 594	9.998 486	0	219	
782	8.920 983	90	8.922 497	91	1.077 503	9.998 486	1	218	
783	8.921 073	91	8.922 588	91	1.077 412	9.998 485	1	217	
784	8.921 164	90	8.922 679	92	1.077 321	9.998 484	0	216	
785	8.921 254	91	8.922 771	91	1.077 229	9.998 484	1	215	
786	8.921 345	90	8.922 862	91	1.077 138	9.998 483	1	214	
787	8.921 435	91	8.922 953	91	1.077 047	9.998 482	0	213	
788	8.921 526	90	8.923 044	91	1.076 956	9.998 482	1	212	
789	8.921 616	91	8.923 135	91	1.076 865	9.998 481	0	211	
.790	8.921 707	90	8.923 226	91	1.076 774	9.998 481	1	**.210**	
791	8.921 797	91	8.923 317	91	1.076 683	9.998 480	1	209	
792	8.921 888	90	8.923 408	92	1.076 592	9.998 479	0	208	
793	8.921 978	91	8.923 500	91	1.076 500	9.998 479	1	207	
794	8.922 069	90	8.923 591	91	1.076 409	9.998 478	1	206	
795	8.922 159	90	8.923 682	91	1.076 318	9.998 477	0	205	
796	8.922 249	91	8.923 773	90	1.076 227	9.998 477	1	204	
797	8.922 340	90	8.923 863	91	1.076 137	9.998 476	1	203	
798	8.922 430	90	8.923 954	91	1.076 046	9.998 475	0	202	
799	8.922 520	90	8.924 045	91	1.075 955	9.998 475	1	201	
.800	8.922 610		8.924 136		1.075 864	9.998 474		**.200**	
	cos	d	cotg	d	tang	sin	d	**85°**	P.P.

	92
1	9.2
2	18.4
3	27.6
4	36.8
5	46.0
6	55.2
7	64.4
8	73.6
9	82.8

	91
1	9.1
2	18.2
3	27.3
4	36.4
5	45.5
6	54.6
7	63.7
8	72.8
9	81.9

	90
1	9.0
2	18.0
3	27.0
4	36.0
5	45.0
6	54.0
7	63.0
8	72.0
9	81.0

85°.250 — 85°.200

4°.800 — 4°.850

4°	sin	d	tang	d	cotg	cos	d		P.P.
.800	8.922 610		8.924 136		1.075 864	9.998 474		**.200**	
		91		91			0		
801	8.922 701		8.924 227		1.075 773	9.998 474		199	
		90		91			1		
802	8.922 791		8.924 318		1.075 682	9.998 473		198	
		90		91			1		
803	8.922 881		8.924 409		1.075 591	9.998 472		197	
		90		91			0		
804	8.922 971		8.924 500		1.075 500	9.998 472		196	
		91		91			1		
805	8.923 062		8.924 591		1.075 409	9.998 471		195	
		90		90			1		
806	8.923 152		8.924 681		1.075 319	9.998 470		194	
		90		91			0		
807	8.923 242		8.924 772		1.075 228	9.998 470		193	
		90		91			1		
808	8.923 332		8.924 863		1.075 137	9.998 469		192	
		90		91			1		
809	8.923 422		8.924 954		1.075 046	9.998 468		191	
		90		90			0		
.810	8.923 512		8.925 044		1.074 956	9.998 468		**.190**	
		90		91			1		
811	8.923 602		8.925 135		1.074 865	9.998 467		189	
		90		91			0		
812	8.923 692		8.925 226		1.074 774	9.998 467		188	
		90		90			1		
813	8.923 782		8.925 316		1.074 684	9.998 466		187	
		90		91			1		
814	8.923 872		8.925 407		1.074 593	9.998 465		186	
		90		91			0		
815	8.923 962		8.925 498		1.074 502	9.998 465		185	
		90		90			1		
816	8.924 052		8.925 588		1.074 412	9.998 464		184	
		90		91			1		
817	8.924 142		8.925 679		1.074 321	9.998 463		183	
		90		91			0		
818	8.924 232		8.925 770		1.074 230	9.998 463		182	
		90		90			1		
819	8.924 322		8.925 860		1.074 140	9.998 462		181	
		90		91			1		
.820	8.924 412		8.925 951		1.074 049	9.998 461		**.180**	
		90		90			0		
821	8.924 502		8.926 041		1.073 959	9.998 461		179	
		90		91			1		
822	8.924 592		8.926 132		1.073 868	9.998 460		178	
		90		90			0		
823	8.924 682		8.926 222		1.073 778	9.998 460		177	
		89		91			1		
824	8.924 771		8.926 313		1.073 687	9.998 459		176	
		90		90			1		
825	8.924 861		8.926 403		1.073 597	9.998 458		175	
		90		90			0		
826	8.924 951		8.926 493		1.073 507	9.998 458		174	
		90		91			1		
827	8.925 041		8.926 584		1.073 416	9.998 457		173	
		90		90			1		
828	8.925 131		8.926 674		1.073 326	9.998 456		172	
		89		91			0		
829	8.925 220		8.926 765		1.073 235	9.998 456		171	
		90		90			1		
.830	8.925 310		8.926 855		1.073 145	9.998 455		**.170**	
		90		90			1		
831	8.925 400		8.926 945		1.073 055	9.998 454		169	
		89		91			0		
832	8.925 489		8.927 036		1.072 964	9.998 454		168	
		90		90			1		
833	8.925 579		8.927 126		1.072 874	9.998 453		167	
		90		90			1		
834	8.925 669		8.927 216		1.072 784	9.998 452		166	
		89		90			0		
835	8.925 758		8.927 306		1.072 694	9.998 452		165	
		90		91			1		
836	8.925 848		8.927 397		1.072 603	9.998 451		164	
		89		90			0		
837	8.925 937		8.927 487		1.072 513	9.998 451		163	
		90		90			1		
838	8.926 027		8.927 577		1.072 423	9.998 450		162	
		90		90			1		
839	8.926 117		8.927 667		1.072 333	9.998 449		161	
		89		90			0		
.840	8.926 206		8.927 757		1.072 243	9.998 449		**.160**	
		90		91			1		
841	8.926 296		8.927 848		1.072 152	9.998 448		159	
		89		90			1		
842	8.926 385		8.927 938		1.072 062	9.998 447		158	
		90		90			0		
843	8.926 475		8.928 028		1.071 972	9.998 447		157	
		89		90			1		
844	8.926 564		8.928 118		1.071 882	9.998 446		156	
		89		90			1		
845	8.926 653		8.928 208		1.071 792	9.998 445		155	
		90		90			0		
846	8.926 743		8.928 298		1.071 702	9.998 445		154	
		89		90			1		
847	8.926 832		8.928 388		1.071 612	9.998 444		153	
		90		90			1		
848	8.926 922		8.928 478		1.071 522	9.998 443		152	
		89		90			0		
849	8.927 011		8.928 568		1.071 432	9.998 443		151	
		89		90			1		
.850	8.927 100		8.928 658		1.071 342	9.998 442		**.150**	
	cos	d	cotg	d	tang	sin	d	**85°**	P.P.

	91
1	9.1
2	18.2
3	27.3
4	36.4
5	45.5
6	54.6
7	63.7
8	72.8
9	81.9

	90
1	9.0
2	18.0
3	27.0
4	36.0
5	45.0
6	54.0
7	63.0
8	72.0
9	81.0

	89
1	8.9
2	17.8
3	26.7
4	35.6
5	44.5
6	53.4
7	62.3
8	71.2
9	80.1

85°.200 — 85°.150

4°.850 — 4°.900

4°	sin	d	tang	d	cotg	cos	d		P.P.
.850	8.927 100		8.928 658		1.071 342	9.998 442		**.150**	
		90		90			0		
851	8.927 190		8.928 748		1.071 252	9.998 442		149	
		89		90			1		
852	8.927 279		8.928 838		1.071 162	9.998 441		148	
		89		90			1		
853	8.927 368		8.928 928		1.071 072	9.998 440		147	
		90		90			0		
854	8.927 458		8.929 018		1.070 982	9.998 440		146	
		89		90			1		
855	8.927 547		8.929 108		1.070 892	9.998 439		145	
		89		90			1		
856	8.927 636		8.929 198		1.070 802	9.998 438		144	
		89		90			0		
857	8.927 725		8.929 288		1.070 712	9.998 438		143	
		89		89			1		
858	8.927 814		8.929 377		1.070 623	9.998 437		142	
		90		90			1		
859	8.927 904		8.929 467		1.070 533	9.998 436		141	
		89		90			0		
.860	8.927 993		8.929 557		1.070 443	9.998 436		**.140**	
		89		90			1		
861	8.928 082		8.929 647		1.070 353	9.998 435		139	
		89		90			1		
862	8.928 171		8.929 737		1.070 263	9.998 434		138	
		89		89			0		
863	8.928 260		8.929 826		1.070 174	9.998 434		137	
		89		90			1		
864	8.928 349		8.929 916		1.070 084	9.998 433		136	
		89		90			0		
865	8.928 438		8.930 006		1.069 994	9.998 433		135	
		89		89			1		
866	8.928 527		8.930 095		1.069 905	9.998 432		134	
		89		90			1		
867	8.928 616		8.930 185		1.069 815	9.998 431		133	
		89		90			0		
868	8.928 705		8.930 275		1.069 725	9.998 431		132	
		89		89			1		
869	8.928 794		8.930 364		1.069 636	9.998 430		131	
		89		90			1		
.870	8.928 883		8.930 454		1.069 546	9.998 429		**.130**	
		89		90			0		
871	8.928 972		8.930 544		1.069 456	9.998 429		129	
		89		89			1		
872	8.929 061		8.930 633		1.069 367	9.998 428		128	
		89		90			1		
873	8.929 150		8.930 723		1.069 277	9.998 427		127	
		89		89			0		
874	8.929 239		8.930 812		1.069 188	9.998 427		126	
		89		90			1		
875	8.929 328		8.930 902		1.069 098	9.998 426		125	
		89		89			1		
876	8.929 417		8.930 991		1.069 009	9.998 425		124	
		89		90			0		
877	8.929 506		8.931 081		1.068 919	9.998 425		123	
		88		89			1		
878	8.929 594		8.931 170		1.068 830	9.998 424		122	
		89		90			1		
879	8.929 683		8.931 260		1.068 740	9.998 423		121	
		89		89			0		
.880	8.929 772		8.931 349		1.068 651	9.998 423		**.120**	
		89		90			1		
881	8.929 861		8.931 439		1.068 561	9.998 422		119	
		89		89			0		
882	8.929 950		8.931 528		1.068 472	9.998 422		118	
		88		89			1		
883	8.930 038		8.931 617		1.068 383	9.998 421		117	
		89		90			1		
884	8.930 127		8.931 707		1.068 293	9.998 420		116	
		89		89			0		
885	8.930 216		8.931 796		1.068 204	9.998 420		115	
		88		89			1		
886	8.930 304		8.931 885		1.068 115	9.998 419		114	
		89		90			1		
887	8.930 393		8.931 975		1.068 025	9.998 418		113	
		89		89			0		
888	8.930 482		8.932 064		1.067 936	9.998 418		112	
		88		89			1		
889	8.930 570		8.932 153		1.067 847	9.998 417		111	
		89		89			1		
.890	8.930 659		8.932 242		1.067 758	9.998 416		**.110**	
		88		90			0		
891	8.930 747		8.932 332		1.067 668	9.998 416		109	
		89		89			1		
892	8.930 836		8.932 421		1.067 579	9.998 415		108	
		89		89			1		
893	8.930 925		8.932 510		1.067 490	9.998 414		107	
		88		89			0		
894	8.931 013		8.932 599		1.067 401	9.998 414		106	
		89		89			1		
895	8.931 102		8.932 688		1.067 312	9.998 413		105	
		88		90			1		
896	8.931 190		8.932 778		1.067 222	9.998 412		104	
		89		89			0		
897	8.931 279		8.932 867		1.067 133	9.998 412		103	
		88		89			1		
898	8.931 367		8.932 956		1.067 044	9.998 411		102	
		88		89			0		
899	8.931 455		8.933 045		1.066 955	9.998 411		101	
		89		89			1		
.900	8.931 544		8.933 134		1.066 866	9.998 410		**.100**	
	cos	d	cotg	d	tang	sin	d	**85°**	P.P.

	90
1	9.0
2	18.0
3	27.0
4	36.0
5	45.0
6	54.0
7	63.0
8	72.0
9	81.0

	89
1	8.9
2	17.8
3	26.7
4	35.6
5	44.5
6	53.4
7	62.3
8	71.2
9	80.1

	88
1	8.8
2	17.6
3	26.4
4	35.2
5	44.0
6	52.8
7	61.6
8	70.4
9	79.2

85°.150 — 85°.100

4°.900 — 4°.950

4°	sin	d	tang	d	cotg	cos	d		P.P.
.900	8.931 544	88	8.933 134	89	1.066 866	9.998 410	1	**.100**	
901	8.931 632	89	8.933 223	89	1.066 777	9.998 409	0	099	
902	8.931 721	88	8.933 312	89	1.066 688	9.998 409	1	098	
903	8.931 809	88	8.933 401	89	1.066 599	9.998 408	1	097	
904	8.931 897	89	8.933 490	89	1.066 510	9.998 407	0	096	
905	8.931 986	88	8.933 579	89	1.066 421	9.998 407	1	095	
906	8.932 074	88	8.933 668	89	1.066 332	9.998 406	1	094	
907	8.932 162	89	8.933 757	89	1.066 243	9.998 405	0	093	
908	8.932 251	88	8.933 846	89	1.066 154	9.998 405	1	092	
909	8.932 339	88	8.933 935	89	1.066 065	9.998 404	1	091	
.910	8.932 427	88	8.934 024	89	1.065 976	9.998 403	0	**.090**	
911	8.932 515	89	8.934 113	89	1.065 887	9.998 403	1	089	
912	8.932 604	88	8.934 202	88	1.065 798	9.998 402	1	088	
913	8.932 692	88	8.934 290	89	1.065 710	9.998 401	0	087	
914	8.932 780	88	8.934 379	89	1.065 621	9.998 401	1	086	
915	8.932 868	88	8.934 468	89	1.065 532	9.998 400	1	085	
916	8.932 956	88	8.934 557	89	1.065 443	9.998 399	0	084	
917	8.933 044	88	8.934 646	88	1.065 354	9.998 399	1	083	
918	8.933 132	89	8.934 734	89	1.065 266	9.998 398	0	082	
919	8.933 221	88	8.934 823	89	1.065 177	9.998 398	1	081	
.920	8.933 309	88	8.934 912	88	1.065 088	9.998 397	1	**.080**	
921	8.933 397	88	8.935 000	89	1.065 000	9.998 396	0	079	
922	8.933 485	88	8.935 089	89	1.064 911	9.998 396	1	078	
923	8.933 573	88	8.935 178	88	1.064 822	9.998 395	1	077	
924	8.933 661	88	8.935 266	89	1.064 734	9.998 394	0	076	
925	8.933 749	88	8.935 355	89	1.064 645	9.998 394	1	075	
926	8.933 837	88	8.935 444	88	1.064 556	9.998 393	1	074	
927	8.933 925	87	8.935 532	89	1.064 468	9.998 392	0	073	
928	8.934 012	88	8.935 621	88	1.064 379	9.998 392	1	072	
929	8.934 100	88	8.935 709	89	1.064 291	9.998 391	1	071	
.930	8.934 188	88	8.935 798	88	1.064 202	9.998 390	0	**.070**	
931	8.934 276	88	8.935 886	89	1.064 114	9.998 390	1	069	
932	8.934 364	88	8.935 975	88	1.064 025	9.998 389	1	068	
933	8.934 452	88	8.936 063	89	1.063 937	9.998 388	0	067	
934	8.934 540	87	8.936 152	88	1.063 848	9.998 388	1	066	
935	8.934 627	88	8.936 240	89	1.063 760	9.998 387	1	065	
936	8.934 715	88	8.936 329	88	1.063 671	9.998 386	0	064	
937	8.934 803	88	8.936 417	89	1.063 583	9.998 386	1	063	
938	8.934 891	87	8.936 506	88	1.063 494	9.998 385	1	062	
939	8.934 978	88	8.936 594	88	1.063 406	9.998 384	0	061	
.940	8.935 066	88	8.936 682	89	1.063 318	9.998 384	1	**.060**	
941	8.935 154	87	8.936 771	88	1.063 229	9.998 383	1	059	
942	8.935 241	88	8.936 859	88	1.063 141	9.998 382	0	058	
943	8.935 329	88	8.936 947	89	1.063 053	9.998 382	1	057	
944	8.935 417	87	8.937 036	88	1.062 964	9.998 381	1	056	
945	8.935 504	88	8.937 124	88	1.062 876	9.998 380	0	055	
946	8.935 592	88	8.937 212	88	1.062 788	9.998 380	1	054	
947	8.935 680	87	8.937 300	89	1.062 700	9.998 379	0	053	
948	8.935 767	88	8.937 389	88	1.062 611	9.998 379	1	052	
949	8.935 855	87	8.937 477	88	1.062 523	9.998 378	1	051	
.950	8.935 942		8.937 565		1.062 435	9.998 377		**.050**	
	cos	d	cotg	d	tang	sin	d	**85°**	P.P.

	89
1	8.9
2	17.8
3	26.7
4	35.6
5	44.5
6	53.4
7	62.3
8	71.2
9	80.1

	88
1	8.8
2	17.6
3	26.4
4	35.2
5	44.0
6	52.8
7	61.6
8	70.4
9	79.2

	87
1	8.7
2	17.4
3	26.1
4	34.8
5	43.5
6	52.2
7	60.9
8	69.6
9	78.3

85°.100 — 85°.050

4°.950 — 5°.000

4°	sin	d	tang	d	cotg	cos	d		P.P.
.950	8.935 942	88	8.937 565	88	1.062 435	9.998 377	0	**.050**	
951	8.936 030	87	8.937 653	88	1.062 347	9.998 377	1	049	
952	8.936 117	88	8.937 741	88	1.062 259	9.998 376	1	048	
953	8.936 205	87	8.937 829	89	1.062 171	9.998 375	0	047	
954	8.936 292	88	8.937 918	88	1.062 082	9.998 375	1	046	
955	8.936 380	87	8.938 006	88	1.061 994	9.998 374	1	045	
956	8.936 467	87	8.938 094	88	1.061 906	9.998 373	0	044	
957	8.936 554	88	8.938 182	88	1.061 818	9.998 373	1	043	
958	8.936 642	87	8.938 270	88	1.061 730	9.998 372	1	042	
959	8.936 729	87	8.938 358	88	1.061 642	9.998 371	0	041	
.960	8.936 816	88	8.938 446	88	1.061 554	9.998 371	1	**.040**	
961	8.936 904	87	8.938 534	88	1.061 466	9.998 370	1	039	
962	8.936 991	87	8.938 622	88	1.061 378	9.998 369	0	038	
963	8.937 078	88	8.938 710	88	1.061 290	9.998 369	1	037	
964	8.937 166	87	8.938 798	88	1.061 202	9.998 368	1	036	
965	8.937 253	87	8.938 886	87	1.061 114	9.998 367	0	035	
966	8.937 340	87	8.938 973	88	1.061 027	9.998 367	1	034	
967	8.937 427	88	8.939 061	88	1.060 939	9.998 366	1	033	
968	8.937 515	87	8.939 149	88	1.060 851	9.998 365	0	032	
969	8.937 602	87	8.939 237	88	1.060 763	9.998 365	1	031	
.970	8.937 689	87	8.939 325	88	1.060 675	9.998 364	1	**.030**	
971	8.937 776	87	8.939 413	88	1.060 587	9.998 363	0	029	
972	8.937 863	87	8.939 501	87	1.060 499	9.998 363	1	028	
973	8.937 950	88	8.939 588	88	1.060 412	9.998 362	1	027	
974	8.938 038	87	8.939 676	88	1.060 324	9.998 361	0	026	
975	8.938 125	87	8.939 764	88	1.060 236	9.998 361	1	025	
976	8.938 212	87	8.939 852	87	1.060 148	9.998 360	1	024	
977	8.938 299	87	8.939 939	88	1.060 061	9.998 359	0	023	
978	8.938 386	87	8.940 027	88	1.059 973	9.998 359	1	022	
979	8.938 473	87	8.940 115	87	1.059 885	9.998 358	1	021	
.980	8.938 560	87	8.940 202	88	1.059 798	9.998 357	0	**.020**	
981	8.938 647	87	8.940 290	88	1.059 710	9.998 357	1	019	
982	8.938 734	87	8.940 378	87	1.059 622	9.998 356	1	018	
983	8.938 821	87	8.940 465	88	1.059 535	9.998 355	0	017	
984	8.938 908	86	8.940 553	87	1.059 447	9.998 355	1	016	
985	8.938 994	87	8.940 640	88	1.059 360	9.998 354	1	015	
986	8.939 081	87	8.940 728	87	1.059 272	9.998 353	0	014	
987	8.939 168	87	8.940 815	88	1.059 185	9.998 353	1	013	
988	8.939 255	87	8.940 903	87	1.059 097	9.998 352	0	012	
989	8.939 342	87	8.940 990	88	1.059 010	9.998 352	1	011	
.990	8.939 429	87	8.941 078	87	1.058 922	9.998 351	1	**.010**	
991	8.939 516	86	8.941 165	88	1.058 835	9.998 350	0	009	
992	8.939 602	87	8.941 253	87	1.058 747	9.998 350	1	008	
993	8.939 689	87	8.941 340	88	1.058 660	9.998 349	1	007	
994	8.939 776	87	8.941 428	87	1.058 572	9.998 348	0	006	
995	8.939 863	86	8.941 515	87	1.058 485	9.998 348	1	005	
996	8.939 949	87	8.941 602	88	1.058 398	9.998 347	1	004	
997	8.940 036	87	8.941 690	87	1.058 310	9.998 346	0	003	
998	8.940 123	86	8.941 777	87	1.058 223	9.998 346	1	002	
999	8.940 209	87	8.941 864	88	1.058 136	9.998 345	1	001	
*000	8.940 296		8.941 952		1.058 048	9.998 344		**.000**	
	cos	d	cotg	d	tang	sin	d	**85°**	P.P.

	89
1	8.9
2	17.8
3	26.7
4	35.6
5	44.5
6	53.4
7	62.3
8	71.2
9	80.1

	88
1	8.8
2	17.6
3	26.4
4	35.2
5	44.0
6	52.8
7	61.6
8	70.4
9	79.2

	87
1	8.7
2	17.4
3	26.1
4	34.8
5	43.5
6	52.2
7	60.9
8	69.6
9	78.3

	86
1	8.6
2	17.2
3	25.8
4	34.4
5	43.0
6	51.6
7	60.2
8	68.8
9	77.4

85°.050 — 85°.000

5°.000 — 5°.050

5°	sin	d	tang	d	cotg	cos	d		P.P.
.000	8.940 296	87	8.941 952	87	1.058 048	9.998 344	0	***000**	
001	8.940 383	86	8.942 039	87	1.057 961	9.998 344	1	999	
002	8.940 469	87	8.942 126	88	1.057 874	9.998 343	1	998	
003	8.940 556	86	8.942 214	87	1.057 786	9.998 342	0	997	
004	8.940 642	87	8.942 301	87	1.057 699	9.998 342	1	996	
005	8.940 729	87	8.942 388	87	1.057 612	9.998 341	1	995	
006	8.940 816	86	8.942 475	87	1.057 525	9.998 340	0	994	
007	8.940 902	87	8.942 562	88	1.057 438	9.998 340	1	993	
008	8.940 989	86	8.942 650	87	1.057 350	9.998 339	1	992	
009	8.941 075	87	8.942 737	87	1.057 263	9.998 338	0	991	
.010	8.941 162	86	8.942 824	87	1.057 176	9.998 338	1	**.990**	
011	8.941 248	86	8.942 911	87	1.057 089	9.998 337	1	989	
012	8.941 334	87	8.942 998	87	1.057 002	9.998 336	0	988	
013	8.941 421	86	8.943 085	87	1.056 915	9.998 336	1	987	
014	8.941 507	87	8.943 172	87	1.056 828	9.998 335	1	986	
015	8.941 594	86	8.943 259	87	1.056 741	9.998 334	0	985	
016	8.941 680	86	8.943 346	87	1.056 654	9.998 334	1	984	
017	8.941 766	87	8.943 433	87	1.056 567	9.998 333	1	983	
018	8.941 853	86	8.943 520	87	1.056 480	9.998 332	0	982	
019	8.941 939	86	8.943 607	87	1.056 393	9.998 332	1	981	
.020	8.942 025	87	8.943 694	87	1.056 306	9.998 331	1	**.980**	
021	8.942 112	86	8.943 781	87	1.056 219	9.998 330	0	979	
022	8.942 198	86	8.943 868	87	1.056 132	9.998 330	1	978	
023	8.942 284	86	8.943 955	87	1.056 045	9.998 329	1	977	
024	8.942 370	87	8.944 042	87	1.055 958	9.998 328	0	976	
025	8.942 457	86	8.944 129	87	1.055 871	9.998 328	1	975	
026	8.942 543	86	8.944 216	87	1.055 784	9.998 327	1	974	
027	8.942 629	86	8.944 303	86	1.055 697	9.998 326	0	973	
028	8.942 715	86	8.944 389	87	1.055 611	9.998 326	1	972	
029	8.942 801	86	8.944 476	87	1.055 524	9.998 325	1	971	
.030	8.942 887	86	8.944 563	87	1.055 437	9.998 324	0	**.970**	
031	8.942 973	87	8.944 650	87	1.055 350	9.998 324	1	969	
032	8.943 060	86	8.944 737	86	1.055 263	9.998 323	1	968	
033	8.943 146	86	8.944 823	87	1.055 177	9.998 322	0	967	
034	8.943 232	86	8.944 910	87	1.055 090	9.998 322	1	966	
035	8.943 318	86	8.944 997	86	1.055 003	9.998 321	1	965	
036	8.943 404	86	8.945 083	87	1.054 917	9.998 320	0	964	
037	8.943 490	86	8.945 170	87	1.054 830	9.998 320	1	963	
038	8.943 576	86	8.945 257	86	1.054 743	9.998 319	1	962	
039	8.943 662	86	8.945 343	87	1.054 657	9.998 318	0	961	
.040	8.943 748	86	8.945 430	87	1.054 570	9.998 318	1	**.960**	
041	8.943 834	86	8.945 517	86	1.054 483	9.998 317	1	959	
042	8.943 920	85	8.945 603	87	1.054 397	9.998 316	0	958	
043	8.944 005	86	8.945 690	86	1.054 310	9.998 316	1	957	
044	8.944 091	86	8.945 776	87	1.054 224	9.998 315	1	956	
045	8.944 177	86	8.945 863	86	1.054 137	9.998 314	0	955	
046	8.944 263	86	8.945 949	87	1.054 051	9.998 314	1	954	
047	8.944 349	86	8.946 036	86	1.053 964	9.998 313	1	953	
048	8.944 435	86	8.946 122	87	1.053 878	9.998 312	0	952	
049	8.944 521	85	8.946 209	86	1.053 791	9.998 312	1	951	
.050	8.944 606		8.946 295		1.053 705	9.998 311		**.950**	
	cos	d	cotg	d	tang	sin	d	**84°**	P.P.

	88
1	8.8
2	17.6
3	26.4
4	35.2
5	44.0
6	52.8
7	61.6
8	70.4
9	79.2

	87
1	8.7
2	17.4
3	26.1
4	34.8
5	43.5
6	52.2
7	60.9
8	69.6
9	78.3

	86
1	8.6
2	17.2
3	25.8
4	34.4
5	43.0
6	51.6
7	60.2
8	68.8
9	77.4

	85
1	8.5
2	17.0
3	25.5
4	34.0
5	42.5
6	51.0
7	59.5
8	68.0
9	76.5

85°.000 — 84°.950

5°.050 — 5°.100

5°	sin	d	tang	d	cotg	cos	d		P.P.
.050	8.944 606	86	8.946 295	87	1.053 705	9.998 311	1	**.950**	
051	8.944 692	86	8.946 382	86	1.053 618	9.998 310	0	949	
052	8.944 778	86	8.946 468	87	1.053 532	9.998 310	1	948	
053	8.944 864	85	8.946 555	86	1.053 445	9.998 309	1	947	
054	8.944 949	86	8.946 641	86	1.053 359	9.998 308	0	946	
055	8.945 035	86	8.946 727	87	1.053 273	9.998 308	1	945	
056	8.945 121	85	8.946 814	86	1.053 186	9.998 307	1	944	
057	8.945 206	86	8.946 900	86	1.053 100	9.998 306	0	943	
058	8.945 292	86	8.946 986	87	1.053 014	9.998 306	1	942	
059	8.945 378	85	8.947 073	86	1.052 927	9.998 305	1	941	
.060	8.945 463	86	8.947 159	86	1.052 841	9.998 304	0	**.940**	
061	8.945 549	85	8.947 245	87	1.052 755	9.998 304	1	939	
062	8.945 634	86	8.947 332	86	1.052 668	9.998 303	1	938	
063	8.945 720	85	8.947 418	86	1.052 582	9.998 302	0	937	
064	8.945 805	86	8.947 504	86	1.052 496	9.998 302	1	936	
065	8.945 891	86	8.947 590	86	1.052 410	9.998 301	1	935	
066	8.945 977	85	8.947 676	87	1.052 324	9.998 300	1	934	
067	8.946 062	86	8.947 763	86	1.052 237	9.998 299	0	933	
068	8.946 148	85	8.947 849	86	1.052 151	9.998 299	1	932	
069	8.946 233	85	8.947 935	86	1.052 065	9.998 298	1	931	
.070	8.946 318	86	8.948 021	86	1.051 979	9.998 297	0	**.930**	
071	8.946 404	85	8.948 107	86	1.051 893	9.998 297	1	929	
072	8.946 489	86	8.948 193	86	1.051 807	9.998 296	1	928	
073	8.946 575	85	8.948 279	86	1.051 721	9.998 295	0	927	
074	8.946 660	85	8.948 365	86	1.051 635	9.998 295	1	926	
075	8.946 745	86	8.948 451	86	1.051 549	9.998 294	1	925	
076	8.946 831	85	8.948 537	86	1.051 463	9.998 293	0	924	
077	8.946 916	85	8.948 623	86	1.051 377	9.998 293	1	923	
078	8.947 001	86	8.948 709	86	1.051 291	9.998 292	1	922	
079	8.947 087	85	8.948 795	86	1.051 205	9.998 291	0	921	
.080	8.947 172	85	8.948 881	86	1.051 119	9.998 291	1	**.920**	
081	8.947 257	85	8.948 967	86	1.051 033	9.998 290	1	919	
082	8.947 342	86	8.949 053	86	1.050 947	9.998 289	0	918	
083	8.947 428	85	8.949 139	86	1.050 861	9.998 289	1	917	
084	8.947 513	85	8.949 225	86	1.050 775	9.998 288	1	916	
085	8.947 598	85	8.949 311	86	1.050 689	9.998 287	0	915	
086	8.947 683	85	8.949 397	85	1.050 603	9.998 287	1	914	
087	8.947 768	86	8.949 482	86	1.050 518	9.998 286	1	913	
088	8.947 854	85	8.949 568	86	1.050 432	9.998 285	0	912	
089	8.947 939	85	8.949 654	86	1.050 346	9.998 285	1	911	
.090	8.948 024	85	8.949 740	86	1.050 260	9.998 284	1	**.910**	
091	8.948 109	85	8.949 826	85	1.050 174	9.998 283	0	909	
092	8.948 194	85	8.949 911	86	1.050 089	9.998 283	1	908	
093	8.948 279	85	8.949 997	86	1.050 003	9.998 282	1	907	
094	8.948 364	85	8.950 083	85	1.049 917	9.998 281	0	906	
095	8.948 449	85	8.950 168	86	1.049 832	9.998 281	1	905	
096	8.948 534	85	8.950 254	86	1.049 746	9.998 280	1	904	
097	8.948 619	85	8.950 340	85	1.049 660	9.998 279	0	903	
098	8.948 704	85	8.950 425	86	1.049 575	9.998 279	1	902	
099	8.948 789	85	8.950 511	86	1.049 489	9.998 278	1	901	
.100	8.948 874		8.950 597		1.049 403	9.998 277		**.900**	
	cos	d	cotg	d	tang	sin	d	**84°**	P.P.

	87
1	8.7
2	17.4
3	26.1
4	34.8
5	43.5
6	52.2
7	60.9
8	69.6
9	78.3

	86
1	8.6
2	17.2
3	25.8
4	34.4
5	43.0
6	51.6
7	60.2
8	68.8
9	77.4

	85
1	8.5
2	17.0
3	25.5
4	34.0
5	42.5
6	51.0
7	59.5
8	68.0
9	76.5

84°.950 — 84°.900

5°.100 — 5°.150

5°	sin	d	tang	d	cotg	cos	d		P.P.
.100	8.948 874	85	8.950 597	85	1.049 403	9.998 277	0	**.900**	
101	8.948 959	85	8.950 682	86	1.049 318	9.998 277	1	899	
102	8.949 044	85	8.950 768	85	1.049 232	9.998 276	1	898	
103	8.949 129	84	8.950 853	86	1.049 147	9.998 275	0	897	
104	8.949 213	85	8.950 939	85	1.049 061	9.998 275	1	896	
105	8.949 298	85	8.951 024	86	1.048 976	9.998 274	1	895	
106	8.949 383	85	8.951 110	85	1.048 890	9.998 273	0	894	
107	8.949 468	85	8.951 195	86	1.048 805	9.998 273	1	893	
108	8.949 553	85	8.951 281	85	1.048 719	9.998 272	1	892	
109	8.949 638	84	8.951 366	86	1.048 634	9.998 271	1	891	
.110	8.949 722	85	8.951 452	85	1.048 548	9.998 270	0	**.890**	
111	8.949 807	85	8.951 537	86	1.048 463	9.998 270	1	889	
112	8.949 892	85	8.951 623	85	1.048 377	9.998 269	1	888	
113	8.949 977	84	8.951 708	86	1.048 292	9.998 268	0	887	
114	8.950 061	85	8.951 794	85	1.048 206	9.998 268	1	886	
115	8.950 146	85	8.951 879	85	1.048 121	9.998 267	1	885	
116	8.950 231	84	8.951 964	86	1.048 036	9.998 266	0	884	
117	8.950 315	85	8.952 050	85	1.047 950	9.998 266	1	883	
118	8.950 400	85	8.952 135	85	1.047 865	9.998 265	1	882	
119	8.950 485	84	8.952 220	85	1.047 780	9.998 264	0	881	
.120	8.950 569	85	8.952 305	86	1.047 695	9.998 264	1	**.880**	
121	8.950 654	84	8.952 391	85	1.047 609	9.998 263	1	879	
122	8.950 738	85	8.952 476	85	1.047 524	9.998 262	0	878	
123	8.950 823	84	8.952 561	85	1.047 439	9.998 262	1	877	
124	8.950 907	85	8.952 646	86	1.047 354	9.998 261	1	876	
125	8.950 992	84	8.952 732	85	1.047 268	9.998 260	0	875	
126	8.951 076	85	8.952 817	85	1.047 183	9.998 260	1	874	
127	8.951 161	84	8.952 902	85	1.047 098	9.998 259	1	873	
128	8.951 245	85	8.952 987	85	1.047 013	9.998 258	0	872	
129	8.951 330	84	8.953 072	85	1.046 928	9.998 258	1	871	
.130	8.951 414	85	8.953 157	86	1.046 843	9.998 257	1	**.870**	
131	8.951 499	84	8.953 243	85	1.046 757	9.998 256	0	869	
132	8.951 583	85	8.953 328	85	1.046 672	9.998 256	1	868	
133	8.951 668	84	8.953 413	85	1.046 587	9.998 255	1	867	
134	8.951 752	84	8.953 498	85	1.046 502	9.998 254	1	866	
135	8.951 836	85	8.953 583	85	1.046 417	9.998 253	0	865	
136	8.951 921	84	8.953 668	85	1.046 332	9.998 253	1	864	
137	8.952 005	84	8.953 753	85	1.046 247	9.998 252	1	863	
138	8.952 089	85	8.953 838	85	1.046 162	9.998 251	0	862	
139	8.952 174	84	8.953 923	85	1.046 077	9.998 251	1	861	
.140	8.952 258	84	8.954 008	85	1.045 992	9.998 250	1	**.860**	
141	8.952 342	84	8.954 093	85	1.045 907	9.998 249	0	859	
142	8.952 426	85	8.954 178	84	1.045 822	9.998 249	1	858	
143	8.952 511	84	8.954 262	85	1.045 738	9.998 248	1	857	
144	8.952 595	84	8.954 347	85	1.045 653	9.998 247	0	856	
145	8.952 679	84	8.954 432	85	1.045 568	9.998 247	1	855	
146	8.952 763	84	8.954 517	85	1.045 483	9.998 246	1	854	
147	8.952 847	84	8.954 602	85	1.045 398	9.998 245	0	853	
148	8.952 931	85	8.954 687	85	1.045 313	9.998 245	1	852	
149	8.953 016	84	8.954 772	84	1.045 228	9.998 244	1	851	
.150	8.953 100		8.954 856		1.045 144	9.998 243		**.850**	
	cos	d	cotg	d	tang	sin	d	**84°**	P.P.

	86
1	8.6
2	17.2
3	25.8
4	34.4
5	43.0
6	51.6
7	60.2
8	68.8
9	77.4

	85
1	8.5
2	17.0
3	25.5
4	34.0
5	42.5
6	51.0
7	59.5
8	68.0
9	76.5

	84
1	8.4
2	16.8
3	25.2
4	33.6
5	42.0
6	50.4
7	58.8
8	67.2
9	75.6

84°.900 — 84°.850

5°.150 — 5°.200

5°	sin	d	tang	d	cotg	cos	d		P.P.
.150	8.953 100	84	8.954 856	85	1.045 144	9.998 243	0	**.850**	
151	8.953 184	84	8.954 941	85	1.045 059	9.998 243	1	849	
152	8.953 268	84	8.955 026	85	1.044 974	9.998 242	1	848	
153	8.953 352	84	8.955 111	84	1.044 889	9.998 241	0	847	
154	8.953 436	84	8.955 195	85	1.044 805	9.998 241	1	846	
155	8.953 520	84	8.955 280	85	1.044 720	9.998 240	1	845	
156	8.953 604	84	8.955 365	84	1.044 635	9.998 239	1	844	
157	8.953 688	84	8.955 449	85	1.044 551	9.998 238	0	843	
158	8.953 772	84	8.955 534	85	1.044 466	9.998 238	1	842	
159	8.953 856	84	8.955 619	84	1.044 381	9.998 237	1	841	
.160	8.953 940	84	8.955 703	85	1.044 297	9.998 236	0	**.840**	
161	8.954 024	84	8.955 788	85	1.044 212	9.998 236	1	839	
162	8.954 108	84	8.955 873	84	1.044 127	9.998 235	1	838	
163	8.954 192	83	8.955 957	85	1.044 043	9.998 234	0	837	
164	8.954 275	84	8.956 042	84	1.043 958	9.998 234	1	836	
165	8.954 359	84	8.956 126	85	1.043 874	9.998 233	1	835	
166	8.954 443	84	8.956 211	84	1.043 789	9.998 232	0	834	
167	8.954 527	84	8.956 295	85	1.043 705	9.998 232	1	833	
168	8.954 611	84	8.956 380	84	1.043 620	9.998 231	1	832	
169	8.954 695	83	8.956 464	85	1.043 536	9.998 230	0	831	
.170	8.954 778	84	8.956 549	84	1.043 451	9.998 230	1	**.830**	
171	8.954 862	84	8.956 633	85	1.043 367	9.998 229	1	829	
172	8.954 946	84	8.956 718	84	1.043 282	9.998 228	0	828	
173	8.955 030	83	8.956 802	85	1.043 198	9.998 228	1	827	
174	8.955 113	84	8.956 887	84	1.043 113	9.998 227	1	826	
175	8.955 197	84	8.956 971	84	1.043 029	9.998 226	1	825	
176	8.955 281	83	8.957 055	85	1.042 945	9.998 225	0	824	
177	8.955 364	84	8.957 140	84	1.042 860	9.998 225	1	823	
178	8.955 448	84	8.957 224	84	1.042 776	9.998 224	1	822	
179	8.955 532	83	8.957 308	85	1.042 692	9.998 223	0	821	
.180	8.955 615	84	8.957 393	84	1.042 607	9.998 223	1	**.820**	
181	8.955 699	84	8.957 477	84	1.042 523	9.998 222	1	819	
182	8.955 783	83	8.957 561	84	1.042 439	9.998 221	0	818	
183	8.955 866	84	8.957 645	85	1.042 355	9.998 221	1	817	
184	8.955 950	83	8.957 730	84	1.042 270	9.998 220	1	816	
185	8.956 033	84	8.957 814	84	1.042 186	9.998 219	0	815	
186	8.956 117	83	8.957 898	84	1.042 102	9.998 219	1	814	
187	8.956 200	84	8.957 982	85	1.042 018	9.998 218	1	813	
188	8.956 284	83	8.958 067	84	1.041 933	9.998 217	0	812	
189	8.956 367	84	8.958 151	84	1.041 849	9.998 217	1	811	
.190	8.956 451	83	8.958 235	84	1.041 765	9.998 216	1	**.810**	
191	8.956 534	84	8.958 319	84	1.041 681	9.998 215	1	809	
192	8.956 618	83	8.958 403	84	1.041 597	9.998 214	0	808	
193	8.956 701	83	8.958 487	84	1.041 513	9.998 214	1	807	
194	8.956 784	84	8.958 571	84	1.041 429	9.998 213	1	806	
195	8.956 868	83	8.958 655	84	1.041 345	9.998 212	0	805	
196	8.956 951	83	8.958 739	84	1.041 261	9.998 212	1	804	
197	8.957 034	84	8.958 823	84	1.041 177	9.998 211	1	803	
198	8.957 118	83	8.958 907	84	1.041 093	9.998 210	0	802	
199	8.957 201	83	8.958 991	84	1.041 009	9.998 210	1	801	
.200	8.957 284		8.959 075		1.040 925	9.998 209		**.800**	
	cos	d	cotg	d	tang	sin	d	**84°**	P.P.

	85
1	8.5
2	17.0
3	25.5
4	34.0
5	42.5
6	51.0
7	59.5
8	68.0
9	76.5

	84
1	8.4
2	16.8
3	25.2
4	33.6
5	42.0
6	50.4
7	58.8
8	67.2
9	75.6

	83
1	8.3
2	16.6
3	24.9
4	33.2
5	41.5
6	49.8
7	58.1
8	66.4
9	74.7

84°.850 — 84°.800

5°.200 — 5°.250

5°	sin	d	tang	d	cotg	cos	d		P.P.
.200	8.957 284	84	8.959 075	84	1.040 925	9.998 209	1	**.800**	
201	8.957 368	83	8.959 159	84	1.040 841	9.998 208	0	799	
202	8.957 451	83	8.959 243	84	1.040 757	9.998 208	1	798	
203	8.957 534	83	8.959 327	84	1.040 673	9.998 207	1	797	
204	8.957 617	84	8.959 411	84	1.040 589	9.998 206	1	796	
205	8.957 701	83	8.959 495	84	1.040 505	9.998 205	0	795	
206	8.957 784	83	8.959 579	84	1.040 421	9.998 205	1	794	
207	8.957 867	83	8.959 663	84	1.040 337	9.998 204	1	793	
208	8.957 950	83	8.959 747	84	1.040 253	9.998 203	0	792	
209	8.958 033	83	8.959 831	83	1.040 169	9.998 203	1	791	
.210	8.958 116	84	8.959 914	84	1.040 086	9.998 202	1	**.790**	
211	8.958 200	83	8.959 998	84	1.040 002	9.998 201	0	789	
212	8.958 283	83	8.960 082	84	1.039 918	9.998 201	1	788	
213	8.958 366	83	8.960 166	84	1.039 834	9.998 200	1	787	
214	8.958 449	83	8.960 250	83	1.039 750	9.998 199	0	786	
215	8.958 532	83	8.960 333	84	1.039 667	9.998 199	1	785	
216	8.958 615	83	8.960 417	84	1.039 583	9.998 198	1	784	
217	8.958 698	83	8.960 501	83	1.039 499	9.998 197	1	783	
218	8.958 781	83	8.960 584	84	1.039 416	9.998 196	0	782	
219	8.958 864	83	8.960 668	84	1.039 332	9.998 196	1	781	
.220	8.958 947	83	8.960 752	83	1.039 248	9.998 195	1	**.780**	
221	8.959 030	83	8.960 835	84	1.039 165	9.998 194	0	779	
222	8.959 113	83	8.960 919	84	1.039 081	9.998 194	1	778	
223	8.959 196	83	8.961 003	83	1.038 997	9.998 193	1	777	
224	8.959 279	83	8.961 086	84	1.038 914	9.998 192	0	776	
225	8.959 362	82	8.961 170	83	1.038 830	9.998 192	1	775	
226	8.959 444	83	8.961 253	84	1.038 747	9.998 191	1	774	
227	8.959 527	83	8.961 337	84	1.038 663	9.998 190	0	773	
228	8.959 610	83	8.961 421	83	1.038 579	9.998 190	1	772	
229	8.959 693	83	8.961 504	84	1.038 496	9.998 189	1	771	
.230	8.959 776	83	8.961 588	83	1.038 412	9.998 188	1	**.770**	
231	8.959 859	82	8.961 671	84	1.038 329	9.998 187	0	769	
232	8.959 941	83	8.961 755	83	1.038 245	9.998 187	1	768	
233	8.960 024	83	8.961 838	83	1.038 162	9.998 186	1	767	
234	8.960 107	83	8.961 921	84	1.038 079	9.998 185	0	766	
235	8.960 190	82	8.962 005	83	1.037 995	9.998 185	1	765	
236	8.960 272	83	8.962 088	84	1.037 912	9.998 184	1	764	
237	8.960 355	83	8.962 172	83	1.037 828	9.998 183	0	763	
238	8.960 438	82	8.962 255	83	1.037 745	9.998 183	1	762	
239	8.960 520	83	8.962 338	84	1.037 662	9.998 182	1	761	
.240	8.960 603	83	8.962 422	83	1.037 578	9.998 181	0	**.760**	
241	8.960 686	82	8.962 505	84	1.037 495	9.998 181	1	759	
242	8.960 768	83	8.962 589	83	1.037 411	9.998 180	1	758	
243	8.960 851	83	8.962 672	83	1.037 328	9.998 179	1	757	
244	8.960 934	82	8.962 755	83	1.037 245	9.998 178	0	756	
245	8.961 016	83	8.962 838	84	1.037 162	9.998 178	1	755	
246	8.961 099	82	8.962 922	83	1.037 078	9.998 177	1	754	
247	8.961 181	83	8.963 005	83	1.036 995	9.998 176	0	753	
248	8.961 264	82	8.963 088	83	1.036 912	9.998 176	1	752	
249	8.961 346	83	8.963 171	84	1.036 829	9.998 175	1	751	
.250	8.961 429		8.963 255		1.036 745	9.998 174		**.750**	
	cos	d	cotg	d	tang	sin	d	**84°**	P.P.

	84
1	8.4
2	16.8
3	25.2
4	33.6
5	42.0
6	50.4
7	58.8
8	67.2
9	75.6

	83
1	8.3
2	16.6
3	24.9
4	33.2
5	41.5
6	49.8
7	58.1
8	66.4
9	74.7

	82
1	8.2
2	16.4
3	24.6
4	32.8
5	41.0
6	49.2
7	57.4
8	65.6
9	73.8

84°.800 — 84°.750

5°.250 — 5°.300

5°	sin	d	tang	d	cotg	cos	d		P.P.
.250	8.961 429	82	8.963 255	83	1.036 745	9.998 174	0	**.750**	
251	8.961 511	83	8.963 338	83	1.036 662	9.998 174	1	749	
252	8.961 594	82	8.963 421	83	1.036 579	9.998 173	1	748	
253	8.961 676	83	8.963 504	83	1.036 496	9.998 172	1	747	
254	8.961 759	82	8.963 587	83	1.036 413	9.998 171	0	746	
255	8.961 841	82	8.963 670	83	1.036 330	9.998 171	1	745	
256	8.961 923	83	8.963 753	83	1.036 247	9.998 170	1	744	
257	8.962 006	82	8.963 836	84	1.036 164	9.998 169	0	743	
258	8.962 088	83	8.963 920	83	1.036 080	9.998 169	1	742	
259	8.962 171	82	8.964 003	83	1.035 997	9.998 168	1	741	
.260	8.962 253	82	8.964 086	83	1.035 914	9.998 167	0	**.740**	
261	8.962 335	83	8.964 169	83	1.035 831	9.998 167	1	739	
262	8.962 418	82	8.964 252	83	1.035 748	9.998 166	1	738	
263	8.962 500	82	8.964 335	83	1.035 665	9.998 165	0	737	
264	8.962 582	82	8.964 418	83	1.035 582	9.998 165	1	736	
265	8.962 664	83	8.964 501	83	1.035 499	9.998 164	1	735	
266	8.962 747	82	8.964 584	82	1.035 416	9.998 163	1	734	
267	8.962 829	82	8.964 666	83	1.035 334	9.998 162	0	733	
268	8.962 911	82	8.964 749	83	1.035 251	9.998 162	1	732	
269	8.962 993	82	8.964 832	83	1.035 168	9.998 161	1	731	
.270	8.963 075	83	8.964 915	83	1.035 085	9.998 160	0	**.730**	
271	8.963 158	82	8.964 998	83	1.035 002	9.998 160	1	729	
272	8.963 240	82	8.965 081	83	1.034 919	9.998 159	1	728	
273	8.963 322	82	8.965 164	83	1.034 836	9.998 158	0	727	
274	8.963 404	82	8.965 247	82	1.034 753	9.998 158	1	726	
275	8.963 486	82	8.965 329	83	1.034 671	9.998 157	1	725	
276	8.963 568	82	8.965 412	83	1.034 588	9.998 156	1	724	
277	8.963 650	82	8.965 495	83	1.034 505	9.998 155	0	723	
278	8.963 732	82	8.965 578	82	1.034 422	9.998 155	1	722	
279	8.963 814	82	8.965 660	83	1.034 340	9.998 154	1	721	
.280	8.963 896	82	8.965 743	83	1.034 257	9.998 153	0	**.720**	
281	8.963 978	82	8.965 826	83	1.034 174	9.998 153	1	719	
282	8.964 060	82	8.965 909	82	1.034 091	9.998 152	1	718	
283	8.964 142	82	8.965 991	83	1.034 009	9.998 151	0	717	
284	8.964 224	82	8.966 074	83	1.033 926	9.998 151	1	716	
285	8.964 306	82	8.966 157	82	1.033 843	9.998 150	1	715	
286	8.964 388	82	8.966 239	83	1.033 761	9.998 149	1	714	
287	8.964 470	82	8.966 322	82	1.033 678	9.998 148	0	713	
288	8.964 552	82	8.966 404	83	1.033 596	9.998 148	1	712	
289	8.964 634	82	8.966 487	83	1.033 513	9.998 147	1	711	
.290	8.964 716	82	8.966 570	82	1.033 430	9.998 146	0	**.710**	
291	8.964 798	82	8.966 652	83	1.033 348	9.998 146	1	709	
292	8.964 880	81	8.966 735	82	1.033 265	9.998 145	1	708	
293	8.964 961	82	8.966 817	83	1.033 183	9.998 144	1	707	
294	8.965 043	82	8.966 900	82	1.033 100	9.998 143	0	706	
295	8.965 125	82	8.966 982	83	1.033 018	9.998 143	1	705	
296	8.965 207	82	8.967 065	82	1.032 935	9.998 142	1	704	
297	8.965 289	81	8.967 147	83	1.032 853	9.998 141	0	703	
298	8.965 370	82	8.967 230	82	1.032 770	9.998 141	1	702	
299	8.965 452	82	8.967 312	82	1.032 688	9.998 140	1	701	
.300	8.965 534		8.967 394		1.032 606	9.998 139		**.700**	
	cos	d	cotg	d	tang	sin	d	**84°**	P.P.

	84
1	8.4
2	16.8
3	25.2
4	33.6
5	42.0
6	50.4
7	58.8
8	67.2
9	75.6

	83
1	8.3
2	16.6
3	24.9
4	33.2
5	41.5
6	49.8
7	58.1
8	66.4
9	74.7

	82
1	8.2
2	16.4
3	24.6
4	32.8
5	41.0
6	49.2
7	57.4
8	65.6
9	73.8

	81
1	8.1
2	16.2
3	24.3
4	32.4
5	40.5
6	48.6
7	56.7
8	64.8
9	72.9

84°.750 — 84°.700

5°.300 — 5°.350

5°	sin	d	tang	d	cotg	cos	d		P.P.
.300	8.965 534	81	8.967 394	83	1.032 606	9.998 139	0	**.700**	
301	8.965 615	82	8.967 477	82	1.032 523	9.998 139	1	699	
302	8.965 697	82	8.967 559	83	1.032 441	9.998 138	1	698	
303	8.965 779	81	8.967 642	82	1.032 358	9.998 137	1	697	
304	8.965 860	82	8.967 724	82	1.032 276	9.998 136	0	696	
305	8.965 942	82	8.967 806	83	1.032 194	9.998 136	1	695	
306	8.966 024	81	8.967 889	82	1.032 111	9.998 135	1	694	
307	8.966 105	82	8.967 971	82	1.032 029	9.998 134	0	693	83
308	8.966 187	81	8.968 053	83	1.031 947	9.998 134	1	692	1 8.3
309	8.966 268	82	8.968 136	82	1.031 864	9.998 133	1	691	2 16.6
.310	8.966 350	82	8.968 218	82	1.031 782	9.998 132	0	**.690**	3 24.9
311	8.966 432	81	8.968 300	82	1.031 700	9.998 132	1	689	4 33.2
312	8.966 513	82	8.968 382	82	1.031 618	9.998 131	1	688	5 41.5
313	8.966 595	81	8.968 464	83	1.031 536	9.998 130	1	687	6 49.8
314	8.966 676	82	8.968 547	82	1.031 453	9.998 129	0	686	7 58.1
315	8.966 758	81	8.968 629	82	1.031 371	9.998 129	1	685	8 66.4
316	8.966 839	82	8.968 711	82	1.031 289	9.998 128	1	684	9 74.7
317	8.966 921	81	8.968 793	82	1.031 207	9.998 127	0	683	
318	8.967 002	81	8.968 875	82	1.031 125	9.998 127	1	682	
319	8.967 083	82	8.968 957	83	1.031 043	9.998 126	1	681	
.320	8.967 165	81	8.969 040	82	1.030 960	9.998 125	1	**.680**	
321	8.967 246	82	8.969 122	82	1.030 878	9.998 124	0	679	82
322	8.967 328	81	8.969 204	82	1.030 796	9.998 124	1	678	1 8.2
323	8.967 409	81	8.969 286	82	1.030 714	9.998 123	1	677	2 16.4
324	8.967 490	82	8.969 368	82	1.030 632	9.998 122	0	676	3 24.6
325	8.967 572	81	8.969 450	82	1.030 550	9.998 122	1	675	4 32.8
326	8.967 653	81	8.969 532	82	1.030 468	9.998 121	1	674	5 41.0
327	8.967 734	81	8.969 614	82	1.030 386	9.998 120	0	673	6 49.2
328	8.967 815	82	8.969 696	82	1.030 304	9.998 120	1	672	7 57.4
329	8.967 897	81	8.969 778	82	1.030 222	9.998 119	1	671	8 65.6
.330	8.967 978	81	8.969 860	82	1.030 140	9.998 118	1	**.670**	9 73.8
331	8.968 059	81	8.969 942	82	1.030 058	9.998 117	0	669	
332	8.968 140	82	8.970 024	82	1.029 976	9.998 117	1	668	
333	8.968 222	81	8.970 106	82	1.029 894	9.998 116	1	667	
334	8.968 303	81	8.970 188	81	1.029 812	9.998 115	0	666	
335	8.968 384	81	8.970 269	82	1.029 731	9.998 115	1	665	
336	8.968 465	81	8.970 351	82	1.029 649	9.998 114	1	664	81
337	8.968 546	81	8.970 433	82	1.029 567	9.998 113	1	663	1 8.1
338	8.968 627	82	8.970 515	82	1.029 485	9.998 112	0	662	2 16.2
339	8.968 709	81	8.970 597	82	1.029 403	9.998 112	1	661	3 24.3
.340	8.968 790	81	8.970 679	81	1.029 321	9.998 111	1	**.660**	4 32.4
341	8.968 871	81	8.970 760	82	1.029 240	9.998 110	0	659	5 40.5
342	8.968 952	81	8.970 842	82	1.029 158	9.998 110	1	658	6 48.6
343	8.969 033	81	8.970 924	82	1.029 076	9.998 109	1	657	7 56.7
344	8.969 114	81	8.971 006	81	1.028 994	9.998 108	0	656	8 64.8
345	8.969 195	81	8.971 087	82	1.028 913	9.998 108	1	655	9 72.9
346	8.969 276	81	8.971 169	82	1.028 831	9.998 107	1	654	
347	8.969 357	81	8.971 251	82	1.028 749	9.998 106	1	653	
348	8.969 438	81	8.971 333	81	1.028 667	9.998 105	0	652	
349	8.969 519	81	8.971 414	82	1.028 586	9.998 105	1	651	
.350	8.969 600		8.971 496		1.028 504	9.998 104		**.650**	
	cos	d	cotg	d	tang	sin	d	84°	P.P.

84°.700 — 84°.650

5°.350 — 5°.400

5°	sin	d	tang	d	cotg	cos	d		P.P.
.350	8.969 600	81	8.971 496	82	1.028 504	9.998 104	1	**.650**	
351	8.969 681	81	8.971 578	81	1.028 422	9.998 103	0	649	
352	8.969 762	81	8.971 659	82	1.028 341	9.998 103	1	648	
353	8.969 843	81	8.971 741	81	1.028 259	9.998 102	1	647	
354	8.969 924	80	8.971 822	82	1.028 178	9.998 101	1	646	
355	8.970 004	81	8.971 904	82	1.028 096	9.998 100	0	645	
356	8.970 085	81	8.971 986	81	1.028 014	9.998 100	1	644	
357	8.970 166	81	8.972 067	82	1.027 933	9.998 099	1	643	
358	8.970 247	81	8.972 149	81	1.027 851	9.998 098	0	642	
359	8.970 328	81	8.972 230	82	1.027 770	9.998 098	1	641	
.360	8.970 409	80	8.972 312	81	1.027 688	9.998 097	1	**.640**	
361	8.970 489	81	8.972 393	82	1.027 607	9.998 096	1	639	
362	8.970 570	81	8.972 475	81	1.027 525	9.998 095	0	638	
363	8.970 651	81	8.972 556	82	1.027 444	9.998 095	1	637	
364	8.970 732	80	8.972 638	81	1.027 362	9.998 094	1	636	
365	8.970 812	81	8.972 719	81	1.027 281	9.998 093	0	635	
366	8.970 893	81	8.972 800	82	1.027 200	9.998 093	1	634	
367	8.970 974	80	8.972 882	81	1.027 118	9.998 092	1	633	
368	8.971 054	81	8.972 963	82	1.027 037	9.998 091	1	632	
369	8.971 135	81	8.973 045	81	1.026 955	9.998 090	0	631	
.370	8.971 216	80	8.973 126	81	1.026 874	9.998 090	1	**.630**	
371	8.971 296	81	8.973 207	82	1.026 793	9.998 089	1	629	
372	8.971 377	80	8.973 289	81	1.026 711	9.998 088	0	628	
373	8.971 457	81	8.973 370	81	1.026 630	9.998 088	1	627	
374	8.971 538	81	8.973 451	81	1.026 549	9.998 087	1	626	
375	8.971 619	80	8.973 532	82	1.026 468	9.998 086	1	625	
376	8.971 699	81	8.973 614	81	1.026 386	9.998 085	0	624	
377	8.971 780	80	8.973 695	81	1.026 305	9.998 085	1	623	
378	8.971 860	81	8.973 776	81	1.026 224	9.998 084	1	622	
379	8.971 941	80	8.973 857	82	1.026 143	9.998 083	0	621	
.380	8.972 021	81	8.973 939	81	1.026 061	9.998 083	1	**.620**	
381	8.972 102	80	8.974 020	81	1.025 980	9.998 082	1	619	
382	8.972 182	81	8.974 101	81	1.025 899	9.998 081	1	618	
383	8.972 263	80	8.974 182	81	1.025 818	9.998 080	0	617	
384	8.972 343	81	8.974 263	81	1.025 737	9.998 080	1	616	
385	8.972 424	80	8.974 344	82	1.025 656	9.998 079	1	615	
386	8.972 504	80	8.974 426	81	1.025 574	9.998 078	0	614	
387	8.972 584	81	8.974 507	81	1.025 493	9.998 078	1	613	
388	8.972 665	80	8.974 588	81	1.025 412	9.998 077	1	612	
389	8.972 745	80	8.974 669	81	1.025 331	9.998 076	1	611	
.390	8.972 825	81	8.974 750	81	1.025 250	9.998 075	0	**.610**	
391	8.972 906	80	8.974 831	81	1.025 169	9.998 075	1	609	
392	8.972 986	80	8.974 912	81	1.025 088	9.998 074	1	608	
393	8.973 066	81	8.974 993	81	1.025 007	9.998 073	0	607	
394	8.973 147	80	8.975 074	81	1.024 926	9.998 073	1	606	
395	8.973 227	80	8.975 155	81	1.024 845	9.998 072	1	605	
396	8.973 307	80	8.975 236	81	1.024 764	9.998 071	1	604	
397	8.973 387	81	8.975 317	81	1.024 683	9.998 070	0	603	
398	8.973 468	80	8.975 398	81	1.024 602	9.998 070	1	602	
399	8.973 548	80	8.975 479	81	1.024 521	9.998 069	1	601	
.400	8.973 628		8.975 560		1.024 440	9.998 068		**.600**	
	cos	d	cotg	d	tang	sin	d	84°	P.P.

	82
1	8.2
2	16.4
3	24.6
4	32.8
5	41.0
6	49.2
7	57.4
8	65.6
9	73.8

	81
1	8.1
2	16.2
3	24.3
4	32.4
5	40.5
6	48.6
7	56.7
8	64.8
9	72.9

	80
1	8.0
2	16.0
3	24.0
4	32.0
5	40.0
6	48.0
7	56.0
8	64.0
9	72.0

84°.650 — 84°.600

5°.400 — 5°.450

5°	sin	d	tang	d	cotg	cos	d		P.P.
.400	8.973 628	80	8.975 560	81	1.024 440	9.998 068	0	.600	
401	8.973 708	80	8.975 641	80	1.024 359	9.998 068	1	599	
402	8.973 788	80	8.975 721	81	1.024 279	9.998 067	1	598	
403	8.973 868	81	8.975 802	81	1.024 198	9.998 066	1	597	
404	8.973 949	80	8.975 883	81	1.024 117	9.998 065	0	596	
405	8.974 029	80	8.975 964	81	1.024 036	9.998 065	1	595	
406	8.974 109	80	8.976 045	81	1.023 955	9.998 064	1	594	
407	8.974 189	80	8.976 126	80	1.023 874	9.998 063	0	593	
408	8.974 269	80	8.976 206	81	1.023 794	9.998 063	1	592	
409	8.974 349	80	8.976 287	81	1.023 713	9.998 062	1	591	
.410	8.974 429	80	8.976 368	81	1.023 632	9.998 061	1	.590	
411	8.974 509	80	8.976 449	80	1.023 551	9.998 060	0	589	
412	8.974 589	80	8.976 529	81	1.023 471	9.998 060	1	588	
413	8.974 669	80	8.976 610	81	1.023 390	9.998 059	1	587	
414	8.974 749	80	8.976 691	81	1.023 309	9.998 058	0	586	
415	8.974 829	80	8.976 772	80	1.023 228	9.998 058	1	585	
416	8.974 909	80	8.976 852	81	1.023 148	9.998 057	1	584	
417	8.974 989	80	8.976 933	81	1.023 067	9.998 056	1	583	
418	8.975 069	80	8.977 014	80	1.022 986	9.998 055	0	582	
419	8.975 149	80	8.977 094	81	1.022 906	9.998 055	1	581	
.420	8.975 229	80	8.977 175	80	1.022 825	9.998 054	1	.580	
421	8.975 309	79	8.977 255	81	1.022 745	9.998 053	0	579	
422	8.975 388	80	8.977 336	81	1.022 664	9.998 053	1	578	
423	8.975 468	80	8.977 417	80	1.022 583	9.998 052	1	577	
424	8.975 548	80	8.977 497	81	1.022 503	9.998 051	1	576	
425	8.975 628	80	8.977 578	80	1.022 422	9.998 050	0	575	
426	8.975 708	80	8.977 658	81	1.022 342	9.998 050	1	574	
427	8.975 788	79	8.977 739	80	1.022 261	9.998 049	1	573	
428	8.975 867	80	8.977 819	81	1.022 181	9.998 048	1	572	
429	8.975 947	80	8.977 900	80	1.022 100	9.998 047	0	571	
.430	8.976 027	80	8.977 980	81	1.022 020	9.998 047	1	.570	
431	8.976 107	79	8.978 061	80	1.021 939	9.998 046	1	569	
432	8.976 186	80	8.978 141	80	1.021 859	9.998 045	0	568	
433	8.976 266	80	8.978 221	81	1.021 779	9.998 045	1	567	
434	8.976 346	79	8.978 302	80	1.021 698	9.998 044	1	566	
435	8.976 425	80	8.978 382	81	1.021 618	9.998 043	1	565	
436	8.976 505	80	8.978 463	80	1.021 537	9.998 042	0	564	
437	8.976 585	79	8.978 543	80	1.021 457	9.998 042	1	563	
438	8.976 664	80	8.978 623	81	1.021 377	9.998 041	1	562	
439	8.976 744	80	8.978 704	80	1.021 296	9.998 040	0	561	
.440	8.976 824	79	8.978 784	80	1.021 216	9.998 040	1	.560	
441	8.976 903	80	8.978 864	81	1.021 136	9.998 039	1	559	
442	8.976 983	79	8.978 945	80	1.021 055	9.998 038	1	558	
443	8.977 062	80	8.979 025	80	1.020 975	9.998 037	0	557	
444	8.977 142	79	8.979 105	80	1.020 895	9.998 037	1	556	
445	8.977 221	80	8.979 185	81	1.020 815	9.998 036	1	555	
446	8.977 301	79	8.979 266	80	1.020 734	9.998 035	1	554	
447	8.977 380	80	8.979 346	80	1.020 654	9.998 034	0	553	
448	8.977 460	79	8.979 426	80	1.020 574	9.998 034	1	552	
449	8.977 539	80	8.979 506	80	1.020 494	9.998 033	1	551	
.450	8.977 619		8.979 586		1.020 414	9.998 032		.550	
	cos	d	cotg	d	tang	sin	d	84°	P.P.

	81
1	8.1
2	16.2
3	24.3
4	32.4
5	40.5
6	48.6
7	56.7
8	64.8
9	72.9

	80
1	8.0
2	16.0
3	24.0
4	32.0
5	40.0
6	48.0
7	56.0
8	64.0
9	72.0

	79
1	7.9
2	15.8
3	23.7
4	31.6
5	39.5
6	47.4
7	55.3
8	63.2
9	71.1

84°.600 — 84°.550

5°.450 — 5°.500

5°	sin	d	tang	d	cotg	cos	d		P.P.
.450	8.977 619	79	8.979 586	81	1.020 414	9.998 032	0	**.550**	
451	8.977 698	80	8.979 667	80	1.020 333	9.998 032	1	549	
452	8.977 778	79	8.979 747	80	1.020 253	9.998 031	1	548	
453	8.977 857	79	8.979 827	80	1.020 173	9.998 030	1	547	
454	8.977 936	80	8.979 907	80	1.020 093	9.998 029	0	546	
455	8.978 016	79	8.979 987	80	1.020 013	9.998 029	1	545	
456	8.978 095	80	8.980 067	80	1.019 933	9.998 028	1	544	
457	8.978 175	79	8.980 147	80	1.019 853	9.998 027	0	543	
458	8.978 254	79	8.980 227	80	1.019 773	9.998 027	1	542	
459	8.978 333	79	8.980 307	80	1.019 693	9.998 026	1	541	
.460	8.978 412	80	8.980 387	80	1.019 613	9.998 025	1	**.540**	
461	8.978 492	79	8.980 467	80	1.019 533	9.998 024	0	539	
462	8.978 571	79	8.980 547	80	1.019 453	9.998 024	1	538	
463	8.978 650	80	8.980 627	80	1.019 373	9.998 023	1	537	
464	8.978 730	79	8.980 707	80	1.019 293	9.998 022	1	536	
465	8.978 809	79	8.980 787	80	1.019 213	9.998 021	0	535	
466	8.978 888	79	8.980 867	80	1.019 133	9.998 021	1	534	
467	8.978 967	79	8.980 947	80	1.019 053	9.998 020	1	533	
468	8.979 046	80	8.981 027	80	1.018 973	9.998 019	0	532	
469	8.979 126	79	8.981 107	80	1.018 893	9.998 019	1	531	
.470	8.979 205	79	8.981 187	80	1.018 813	9.998 018	1	**.530**	
471	8.979 284	79	8.981 267	80	1.018 733	9.998 017	1	529	
472	8.979 363	79	8.981 347	80	1.018 653	9.998 016	0	528	
473	8.979 442	79	8.981 427	79	1.018 573	9.998 016	1	527	
474	8.979 521	79	8.981 506	80	1.018 494	9.998 015	1	526	
475	8.979 600	79	8.981 586	80	1.018 414	9.998 014	1	525	
476	8.979 679	79	8.981 666	80	1.018 334	9.998 013	0	524	
477	8.979 758	80	8.981 746	80	1.018 254	9.998 013	1	523	
478	8.979 838	79	8.981 826	79	1.018 174	9.998 012	1	522	
479	8.979 917	79	8.981 905	80	1.018 095	9.998 011	0	521	
.480	8.979 996	79	8.981 985	80	1.018 015	9.998 011	1	**.520**	
481	8.980 075	79	8.982 065	79	1.017 935	9.998 010	1	519	
482	8.980 154	79	8.982 144	80	1.017 856	9.998 009	1	518	
483	8.980 233	79	8.982 224	80	1.017 776	9.998 008	0	517	
484	8.980 312	78	8.982 304	80	1.017 696	9.998 008	1	516	
485	8.980 390	79	8.982 384	79	1.017 616	9.998 007	1	515	
486	8.980 469	79	8.982 463	80	1.017 537	9.998 006	1	514	
487	8.980 548	79	8.982 543	79	1.017 457	9.998 005	0	513	
488	8.980 627	79	8.982 622	80	1.017 378	9.998 005	1	512	
489	8.980 706	79	8.982 702	80	1.017 298	9.998 004	1	511	
.490	8.980 785	79	8.982 782	79	1.017 218	9.998 003	0	**.510**	
491	8.980 864	79	8.982 861	80	1.017 139	9.998 003	1	509	
492	8.980 943	78	8.982 941	79	1.017 059	9.998 002	1	508	
493	8.981 021	79	8.983 020	80	1.016 980	9.998 001	1	507	
494	8.981 100	79	8.983 100	79	1.016 900	9.998 000	0	506	
495	8.981 179	79	8.983 179	80	1.016 821	9.998 000	1	505	
496	8.981 258	79	8.983 259	79	1.016 741	9.997 999	1	504	
497	8.981 337	78	8.983 338	80	1.016 662	9.997 998	1	503	
498	8.981 415	79	8.983 418	79	1.016 582	9.997 997	0	502	
499	8.981 494	79	8.983 497	80	1.016 503	9.997 997	1	501	
.500	8.981 573		8.983 577		1.016 423	9.997 996		**.500**	
	cos	d	cotg	d	tang	sin	d	84°	P.P.

	81
1	8.1
2	16.2
3	24.3
4	32.4
5	40.5
6	48.6
7	56.7
8	64.8
9	72.9

	80
1	8.0
2	16.0
3	24.0
4	32.0
5	40.0
6	48.0
7	56.0
8	64.0
9	72.0

	79
1	7.9
2	15.8
3	23.7
4	31.6
5	39.5
6	47.4
7	55.3
8	63.2
9	71.1

	78
1	7.8
2	15.6
3	23.4
4	31.2
5	39.0
6	46.8
7	54.6
8	62.4
9	70.2

84°.550 — 84°.500

5°.500 — 5°.550

5°	sin	d	tang	d	cotg	cos	d		P.P.
.500	8.981 573		8.983 577		1.016 423	9.997 996		.500	
		79		79			1		
501	8.981 652		8.983 656		1.016 344	9.997 995		499	
		78		80			0		
502	8.981 730		8.983 736		1.016 264	9.997 995		498	
		79		79			1		
503	8.981 809		8.983 815		1.016 185	9.997 994		497	
		79		80			1		
504	8.981 888		8.983 895		1.016 105	9.997 993		496	
		78		79			1		
505	8.981 966		8.983 974		1.016 026	9.997 992		495	
		79		79			0		
506	8.982 045		8.984 053		1.015 947	9.997 992		494	
		79		80			1		
507	8.982 124		8.984 133		1.015 867	9.997 991		493	
		78		79			1		
508	8.982 202		8.984 212		1.015 788	9.997 990		492	
		79		79			1		
509	8.982 281		8.984 291		1.015 709	9.997 989		491	
		78		80			0		
.510	8.982 359		8.984 371		1.015 629	9.997 989		.490	
		79		79			1		
511	8.982 438		8.984 450		1.015 550	9.997 988		489	
		78		79			1		
512	8.982 516		8.984 529		1.015 471	9.997 987		488	
		79		80			1		
513	8.982 595		8.984 609		1.015 391	9.997 986		487	
		79		79			0		
514	8.982 674		8.984 688		1.015 312	9.997 986		486	
		78		79			1		
515	8.982 752		8.984 767		1.015 233	9.997 985		485	
		79		79			1		
516	8.982 831		8.984 846		1.015 154	9.997 984		484	
		78		79			0		
517	8.982 909		8.984 925		1.015 075	9.997 984		483	
		79		80			1		
518	8.982 988		8.985 005		1.014 995	9.997 983		482	
		78		79			1		
519	8.983 066		8.985 084		1.014 916	9.997 982		481	
		78		79			1		
.520	8.983 144		8.985 163		1.014 837	9.997 981		.480	
		79		79			0		
521	8.983 223		8.985 242		1.014 758	9.997 981		479	
		78		79			1		
522	8.983 301		8.985 321		1.014 679	9.997 980		478	
		79		79			1		
523	8.983 380		8.985 400		1.014 600	9.997 979		477	
		78		80			1		
524	8.983 458		8.985 480		1.014 520	9.997 978		476	
		78		79			0		
525	8.983 536		8.985 559		1.014 441	9.997 978		475	
		79		79			1		
526	8.983 615		8.985 638		1.014 362	9.997 977		474	
		78		79			1		
527	8.983 693		8.985 717		1.014 283	9.997 976		473	
		78		79			1		
528	8.983 771		8.985 796		1.014 204	9.997 975		472	
		79		79			0		
529	8.983 850		8.985 875		1.014 125	9.997 975		471	
		78		79			1		
.530	8.983 928		8.985 954		1.014 046	9.997 974		.470	
		78		79			1		
531	8.984 006		8.986 033		1.013 967	9.997 973		469	
		79		79			0		
532	8.984 085		8.986 112		1.013 888	9.997 973		468	
		78		79			1		
533	8.984 163		8.986 191		1.013 809	9.997 972		467	
		78		79			1		
534	8.984 241		8.986 270		1.013 730	9.997 971		466	
		78		79			1		
535	8.984 319		8.986 349		1.013 651	9.997 970		465	
		78		79			0		
536	8.984 397		8.986 428		1.013 572	9.997 970		464	
		79		79			1		
537	8.984 476		8.986 507		1.013 493	9.997 969		463	
		78		79			1		
538	8.984 554		8.986 586		1.013 414	9.997 968		462	
		78		79			1		
539	8.984 632		8.986 665		1.013 335	9.997 967		461	
		78		79			0		
.540	8.984 710		8.986 744		1.013 256	9.997 967		.460	
		78		78			1		
541	8.984 788		8.986 822		1.013 178	9.997 966		459	
		78		79			1		
542	8.984 866		8.986 901		1.013 099	9.997 965		458	
		79		79			1		
543	8.984 945		8.986 980		1.013 020	9.997 964		457	
		78		79			0		
544	8.985 023		8.987 059		1.012 941	9.997 964		456	
		78		79			1		
545	8.985 101		8.987 138		1.012 862	9.997 963		455	
		78		79			1		
546	8.985 179		8.987 217		1.012 783	9.997 962		454	
		78		78			0		
547	8.985 257		8.987 295		1.012 705	9.997 962		453	
		78		79			1		
548	8.985 335		8.987 374		1.012 626	9.997 961		452	
		78		79			1		
549	8.985 413		8.987 453		1.012 547	9.997 960		451	
		78		79			1		
.550	8.985 491		8.987 532		1.012 468	9.997 959		.450	
	cos	d	cotg	d	tang	sin	d	84°	P.P.

	80
1	8.0
2	16.0
3	24.0
4	32.0
5	40.0
6	48.0
7	56.0
8	64.0
9	72.0

	79
1	7.9
2	15.8
3	23.7
4	31.6
5	39.5
6	47.4
7	55.3
8	63.2
9	71.1

	78
1	7.8
2	15.6
3	23.4
4	31.2
5	39.0
6	46.8
7	54.6
8	62.4
9	70.2

84°.500 — 84°.450

5°.550 — 5°.600

5°	sin	d	tang	d	cotg	cos	d		P.P.
.550	8.985 491	78	8.987 532	78	1.012 468	9.997 959	0	.450	
551	8.985 569	78	8.987 610	79	1.012 390	9.997 959	1	449	
552	8.985 647	78	8.987 689	79	1.012 311	9.997 958	1	448	
553	8.985 725	78	8.987 768	79	1.012 232	9.997 957	1	447	
554	8.985 803	78	8.987 847	78	1.012 153	9.997 956	0	446	
555	8.985 881	78	8.987 925	79	1.012 075	9.997 956	1	445	
556	8.985 959	78	8.988 004	79	1.011 996	9.997 955	1	444	
557	8.986 037	78	8.988 083	78	1.011 917	9.997 954	1	443	
558	8.986 115	77	8.988 161	79	1.011 839	9.997 953	0	442	
559	8.986 192	78	8.988 240	78	1.011 760	9.997 953	1	441	
.560	8.986 270	78	8.988 318	79	1.011 682	9.997 952	1	.440	
561	8.986 348	78	8.988 397	79	1.011 603	9.997 951	1	439	
562	8.986 426	78	8.988 476	78	1.011 524	9.997 950	0	438	
563	8.986 504	78	8.988 554	79	1.011 446	9.997 950	1	437	
564	8.986 582	77	8.988 633	78	1.011 367	9.997 949	1	436	
565	8.986 659	78	8.988 711	79	1.011 289	9.997 948	0	435	
566	8.986 737	78	8.988 790	78	1.011 210	9.997 948	1	434	
567	8.986 815	78	8.988 868	79	1.011 132	9.997 947	1	433	
568	8.986 893	78	8.988 947	78	1.011 053	9.997 946	1	432	
569	8.986 971	77	8.989 025	79	1.010 975	9.997 945	0	431	
.570	8.987 048	78	8.989 104	78	1.010 896	9.997 945	1	.430	
571	8.987 126	78	8.989 182	79	1.010 818	9.997 944	1	429	
572	8.987 204	77	8.989 261	78	1.010 739	9.997 943	1	428	
573	8.987 281	78	8.989 339	78	1.010 661	9.997 942	0	427	
574	8.987 359	78	8.989 417	79	1.010 583	9.997 942	1	426	
575	8.987 437	77	8.989 496	78	1.010 504	9.997 941	1	425	
576	8.987 514	78	8.989 574	79	1.010 426	9.997 940	1	424	
577	8.987 592	78	8.989 653	78	1.010 347	9.997 939	0	423	
578	8.987 670	77	8.989 731	78	1.010 269	9.997 939	1	422	
579	8.987 747	78	8.989 809	79	1.010 191	9.997 938	1	421	
.580	8.987 825	77	8.989 888	78	1.010 112	9.997 937	1	.420	
581	8.987 902	78	8.989 966	78	1.010 034	9.997 936	0	419	
582	8.987 980	78	8.990 044	79	1.009 956	9.997 936	1	418	
583	8.988 058	77	8.990 123	78	1.009 877	9.997 935	1	417	
584	8.988 135	78	8.990 201	78	1.009 799	9.997 934	1	416	
585	8.988 213	77	8.990 279	78	1.009 721	9.997 933	0	415	
586	8.988 290	78	8.990 357	79	1.009 643	9.997 933	1	414	
587	8.988 368	77	8.990 436	78	1.009 564	9.997 932	1	413	
588	8.988 445	78	8.990 514	78	1.009 486	9.997 931	1	412	
589	8.988 523	77	8.990 592	78	1.009 408	9.997 930	0	411	
.590	8.988 600	77	8.990 670	78	1.009 330	9.997 930	1	.410	
591	8.988 677	78	8.990 748	79	1.009 252	9.997 929	1	409	
592	8.988 755	77	8.990 827	78	1.009 173	9.997 928	0	408	
593	8.988 832	78	8.990 905	78	1.009 095	9.997 928	1	407	
594	8.988 910	77	8.990 983	78	1.009 017	9.997 927	1	406	
595	8.988 987	77	8.991 061	78	1.008 939	9.997 926	1	405	
596	8.989 064	78	8.991 139	78	1.008 861	9.997 925	0	404	
597	8.989 142	77	8.991 217	78	1.008 783	9.997 925	1	403	
598	8.989 219	77	8.991 295	78	1.008 705	9.997 924	1	402	
599	8.989 296	78	8.991 373	78	1.008 627	9.997 923	1	401	
.600	8.989 374		8.991 451		1.008 549	9.997 922		.400	
	cos	d	cotg	d	tang	sin	d	84°	P.P.

	79
1	7.9
2	15.8
3	23.7
4	31.6
5	39.5
6	47.4
7	55.3
8	63.2
9	71.1

	78
1	7.8
2	15.6
3	23.4
4	31.2
5	39.0
6	46.8
7	54.6
8	62.4
9	70.2

	77
1	7.7
2	15.4
3	23.1
4	30.8
5	38.5
6	46.2
7	53.9
8	61.6
9	69.3

84°.450 — 84°.400

5°.600 — 5°.650

5°	sin	d	tang	d	cotg	cos	d		P.P.
.600	8.989 374	77	8.991 451	78	1.008 549	9.997 922	0	**.400**	
601	8.989 451	77	8.991 529	78	1.008 471	9.997 922	1	399	
602	8.989 528	78	8.991 607	78	1.008 393	9.997 921	1	398	
603	8.989 606	77	8.991 685	78	1.008 315	9.997 920	1	397	
604	8.989 683	77	8.991 763	78	1.008 237	9.997 919	0	396	
605	8.989 760	77	8.991 841	78	1.008 159	9.997 919	1	395	
606	8.989 837	78	8.991 919	78	1.008 081	9.997 918	1	394	
607	8.989 915	77	8.991 997	78	1.008 003	9.997 917	1	393	
608	8.989 992	77	8.992 075	78	1.007 925	9.997 916	0	392	
609	8.990 069	77	8.992 153	78	1.007 847	9.997 916	1	391	
.610	8.990 146	77	8.992 231	78	1.007 769	9.997 915	1	**.390**	
611	8.990 223	77	8.992 309	78	1.007 691	9.997 914	1	389	
612	8.990 300	77	8.992 387	78	1.007 613	9.997 913	0	388	
613	8.990 378	78	8.992 465	78	1.007 535	9.997 913	1	387	
614	8.990 455	77	8.992 543	78	1.007 457	9.997 912	1	386	
615	8.990 532	77	8.992 621	77	1.007 379	9.997 911	1	385	
616	8.990 609	77	8.992 698	78	1.007 302	9.997 910	0	384	
617	8.990 686	77	8.992 776	78	1.007 224	9.997 910	1	383	
618	8.990 763	77	8.992 854	78	1.007 146	9.997 909	1	382	
619	8.990 840	77	8.992 932	78	1.007 068	9.997 908	1	381	
.620	8.990 917	77	8.993 010	77	1.006 990	9.997 907	0	**.380**	
621	8.990 994	77	8.993 087	78	1.006 913	9.997 907	1	379	
622	8.991 071	77	8.993 165	78	1.006 835	9.997 906	1	378	
623	8.991 148	77	8.993 243	78	1.006 757	9.997 905	1	377	
624	8.991 225	77	8.993 321	77	1.006 679	9.997 904	0	376	
625	8.991 302	77	8.993 398	78	1.006 602	9.997 904	1	375	
626	8.991 379	77	8.993 476	78	1.006 524	9.997 903	1	374	
627	8.991 456	77	8.993 554	77	1.006 446	9.997 902	1	373	
628	8.991 533	77	8.993 631	78	1.006 369	9.997 901	0	372	
629	8.991 610	77	8.993 709	78	1.006 291	9.997 901	1	371	
.630	8.991 687	77	8.993 787	77	1.006 213	9.997 900	1	**.370**	
631	8.991 764	76	8.993 864	78	1.006 136	9.997 899	1	369	
632	8.991 840	77	8.993 942	78	1.006 058	9.997 898	0	368	
633	8.991 917	77	8.994 020	77	1.005 980	9.997 898	1	367	
634	8.991 994	77	8.994 097	78	1.005 903	9.997 897	1	366	
635	8.992 071	77	8.994 175	77	1.005 825	9.997 896	1	365	
636	8.992 148	77	8.994 252	78	1.005 748	9.997 895	0	364	
637	8.992 225	76	8.994 330	77	1.005 670	9.997 895	1	363	
638	8.992 301	77	8.994 407	78	1.005 593	9.997 894	1	362	
639	8.992 378	77	8.994 485	77	1.005 515	9.997 893	1	361	
.640	8.992 455	77	8.994 562	78	1.005 438	9.997 892	0	**.360**	
641	8.992 532	76	8.994 640	77	1.005 360	9.997 892	1	359	
642	8.992 608	77	8.994 717	78	1.005 283	9.997 891	1	358	
643	8.992 685	77	8.994 795	77	1.005 205	9.997 890	1	357	
644	8.992 762	76	8.994 872	78	1.005 128	9.997 889	0	356	
645	8.992 838	77	8.994 950	77	1.005 050	9.997 889	1	355	
646	8.992 915	77	8.995 027	78	1.004 973	9.997 888	1	354	
647	8.992 992	76	8.995 105	77	1.004 895	9.997 887	1	353	
648	8.993 068	77	8.995 182	77	1.004 818	9.997 886	0	352	
649	8.993 145	77	8.995 259	78	1.004 741	9.997 886	1	351	
.650	8.993 222		8.995 337		1.004 663	9.997 885		**.350**	
	cos	d	cotg	d	tang	sin	d	84°	P.P.

	78
1	7.8
2	15.6
3	23.4
4	31.2
5	39.0
6	46.8
7	54.6
8	62.4
9	70.2

	77
1	7.7
2	15.4
3	23.1
4	30.8
5	38.5
6	46.2
7	53.9
8	61.6
9	69.3

	76
1	7.6
2	15.2
3	22.8
4	30.4
5	38.0
6	45.6
7	53.2
8	60.8
9	68.4

84°.400 — 84°.350

5°.650 — 5°.700

5°	sin	d	tang	d	cotg	cos	d		P.P.
.650	8.993 222	76	8.995 337	77	1.004 663	9.997 885	1	**.350**	
651	8.993 298	77	8.995 414	77	1.004 586	9.997 884	1	349	
652	8.993 375	77	8.995 491	78	1.004 509	9.997 883	0	348	
653	8.993 452	76	8.995 569	77	1.004 431	9.997 883	1	347	
654	8.993 528	77	8.995 646	77	1.004 354	9.997 882	1	346	
655	8.993 605	76	8.995 723	78	1.004 277	9.997 881	1	345	
656	8.993 681	77	8.995 801	77	1.004 199	9.997 880	0	344	
657	8.993 758	76	8.995 878	77	1.004 122	9.997 880	1	343	
658	8.993 834	77	8.995 955	77	1.004 045	9.997 879	1	342	
659	8.993 911	76	8.996 032	78	1.003 968	9.997 878	1	341	
.660	8.993 987	77	8.996 110	77	1.003 890	9.997 877	0	**.340**	
661	8.994 064	76	8.996 187	77	1.003 813	9.997 877	1	339	
662	8.994 140	77	8.996 264	77	1.003 736	9.997 876	1	338	
663	8.994 217	76	8.996 341	78	1.003 659	9.997 875	1	337	
664	8.994 293	76	8.996 419	77	1.003 581	9.997 874	0	336	
665	8.994 369	77	8.996 496	77	1.003 504	9.997 874	1	335	
666	8.994 446	76	8.996 573	77	1.003 427	9.997 873	1	334	
667	8.994 522	77	8.996 650	77	1.003 350	9.997 872	1	333	
668	8.994 599	76	8.996 727	77	1.003 273	9.997 871	0	332	
669	8.994 675	76	8.996 804	77	1.003 196	9.997 871	1	331	
.670	8.994 751	77	8.996 881	77	1.003 119	9.997 870	1	**.330**	
671	8.994 828	76	8.996 958	78	1.003 042	9.997 869	1	329	
672	8.994 904	76	8.997 036	77	1.002 964	9.997 868	0	328	
673	8.994 980	77	8.997 113	77	1.002 887	9.997 868	1	327	
674	8.995 057	76	8.997 190	77	1.002 810	9.997 867	1	326	
675	8.995 133	76	8.997 267	77	1.002 733	9.997 866	1	325	
676	8.995 209	76	8.997 344	77	1.002 656	9.997 865	0	324	
677	8.995 285	77	8.997 421	77	1.002 579	9.997 865	1	323	
678	8.995 362	76	8.997 498	77	1.002 502	9.997 864	1	322	
679	8.995 438	76	8.997 575	77	1.002 425	9.997 863	1	321	
.680	8.995 514	76	8.997 652	77	1.002 348	9.997 862	0	**.320**	
681	8.995 590	77	8.997 729	77	1.002 271	9.997 862	1	319	
682	8.995 667	76	8.997 806	77	1.002 194	9.997 861	1	318	
683	8.995 743	76	8.997 883	76	1.002 117	9.997 860	1	317	
684	8.995 819	76	8.997 959	77	1.002 041	9.997 859	0	316	
685	8.995 895	76	8.998 036	77	1.001 964	9.997 859	1	315	
686	8.995 971	76	8.998 113	77	1.001 887	9.997 858	1	314	
687	8.996 047	76	8.998 190	77	1.001 810	9.997 857	1	313	
688	8.996 123	76	8.998 267	77	1.001 733	9.997 856	0	312	
689	8.996 199	77	8.998 344	77	1.001 656	9.997 856	1	311	
.690	8.996 276	76	8.998 421	76	1.001 579	9.997 855	1	**.310**	
691	8.996 352	76	8.998 497	77	1.001 503	9.997 854	1	309	
692	8.996 428	76	8.998 574	77	1.001 426	9.997 853	0	308	
693	8.996 504	76	8.998 651	77	1.001 349	9.997 853	1	307	
694	8.996 580	76	8.998 728	77	1.001 272	9.997 852	1	306	
695	8.996 656	76	8.998 805	76	1.001 195	9.997 851	1	305	
696	8.996 732	76	8.998 881	77	1.001 119	9.997 850	0	304	
697	8.996 808	76	8.998 958	77	1.001 042	9.997 850	1	303	
698	8.996 884	76	8.999 035	77	1.000 965	9.997 849	1	302	
699	8.996 960	76	8.999 112	76	1.000 888	9.997 848	1	301	
.700	8.997 036		8.999 188		1.000 812	9.997 847		**.300**	
	cos	d	cotg	d	tang	sin	d	**84°**	P.P.

	78
1	7.8
2	15.6
3	23.4
4	31.2
5	39.0
6	46.8
7	54.6
8	62.4
9	70.2

	77
1	7.7
2	15.4
3	23.1
4	30.8
5	38.5
6	46.2
7	53.9
8	61.6
9	69.3

	76
1	7.6
2	15.2
3	22.8
4	30.4
5	38.0
6	45.6
7	53.2
8	60.8
9	68.4

84°.350 — 84°.300

5°.700 — 5°.750

5°	sin	d	tang	d	cotg	cos	d		P.P.
.700	8.997 036	76	8.999 188	77	1.000 812	9.997 847	0	**.300**	
701	8.997 112	75	8.999 265	77	1.000 735	9.997 847	1	299	
702	8.997 187	76	8.999 342	76	1.000 658	9.997 846	1	298	
703	8.997 263	76	8.999 418	77	1.000 582	9.997 845	1	297	
704	8.997 339	76	8.999 495	77	1.000 505	9.997 844	0	296	
705	8.997 415	76	8.999 572	76	1.000 428	9.997 844	1	295	
706	8.997 491	76	8.999 648	77	1.000 352	9.997 843	1	294	
707	8.997 567	76	8.999 725	76	1.000 275	9.997 842	1	293	
708	8.997 643	76	8.999 801	77	1.000 199	9.997 841	0	292	
709	8.997 719	75	8.999 955	77	1.000 122	9.997 841	1	291	
.710	8.997 794	76	9.000 031	76	1.000 045	9.997 840	1	**.290**	
711	8.997 870	76	9.000 108	77	0.999 969	9.997 839	1	289	
712	8.997 946	76	9.000 184	76	0.999 892	9.997 838	1	288	
713	8.998 022	75	9.000 261	77	0.999 816	9.997 837	0	287	
714	8.998 097	76	9.000 337	76	0.999 739	9.997 837	1	286	
715	8.998 173	76	9.000 414	77	0.999 663	9.997 836	1	285	
716	8.998 249	76	9.000 490	76	0.999 586	9.997 835	1	284	
717	8.998 325	75	9.000 567	77	0.999 510	9.997 834	0	283	
718	8.998 400	76	9.000 643	76	0.999 433	9.997 834	1	282	
719	8.998 476	76	9.000 720	77	0.999 357	9.997 833	1	281	
.720	8.998 552	75	9.000 796	76	0.999 280	9.997 832	1	**.280**	
721	8.998 627	76	9.000 872	76	0.999 204	9.997 831	0	279	
722	8.998 703	76	9.000 949	77	0.999 128	9.997 831	1	278	
723	8.998 779	75	9.001 025	76	0.999 051	9.997 830	1	277	
724	8.998 854	76	9.001 102	77	0.998 975	9.997 829	1	276	
725	8.998 930	76	9.001 178	76	0.998 898	9.997 828	0	275	
726	8.999 006	75	9.001 254	76	0.998 822	9.997 828	1	274	
727	8.999 081	76	9.001 331	77	0.998 746	9.997 827	1	273	
728	8.999 157	75	9.001 407	76	0.998 669	9.997 826	1	272	
729	8.999 232	76	9.001 483	76	0.998 593	9.997 825	0	271	
.730	8.999 308	75	9.001 560	77	0.998 517	9.997 825	1	**.270**	
731	8.999 383	76	9.001 636	76	0.998 440	9.997 824	1	269	
732	8.999 459	75	9.001 712	76	0.998 364	9.997 823	1	268	
733	8.999 534	76	9.001 788	76	0.998 288	9.997 822	0	267	
734	8.999 610	75	9.001 865	77	0.998 212	9.997 822	1	266	
735	8.999 685	76	9.001 941	76	0.998 135	9.997 821	1	265	
736	8.999 761	75	9.002 017	76	0.998 059	9.997 820	1	264	
737	8.999 836	76	9.002 093	76	0.997 983	9.997 819	1	263	
738	8.999 912	75	9.002 169	76	0.997 907	9.997 818	0	262	
739	8.999 987	76	9.002 246	77	0.997 831	9.997 818	1	261	
.740	9.000 063	75	9.002 322	76	0.997 754	9.997 817	1	**.260**	
741	9.000 138	75	9.002 398	76	0.997 678	9.997 816	1	259	
742	9.000 213	76	9.002 474	76	0.997 602	9.997 815	0	258	
743	9.000 289	75	9.002 550	76	0.997 526	9.997 815	1	257	
744	9.000 364	75	9.002 626	76	0.997 450	9.997 814	1	256	
745	9.000 439	76	9.002 702	76	0.997 374	9.997 813	1	255	
746	9.000 515	75	9.002 778	76	0.997 298	9.997 812	0	254	
747	9.000 590	75	9.002 855	77	0.997 222	9.997 812	1	253	
748	9.000 665	76	9.002 931	76	0.997 145	9.997 811	1	252	
749	9.000 741	75	9.003 007	76	0.997 069	9.997 810	1	251	
.750	9.000 816				0.996 993	9.997 809		**.250**	
	cos	d	cotg	d	tang	sin	d	84°	P.P.

	77
1	7.7
2	15.4
3	23.1
4	30.8
5	38.5
6	46.2
7	53.9
8	61.6
9	69.3

	76
1	7.6
2	15.2
3	22.8
4	30.4
5	38.0
6	45.6
7	53.2
8	60.8
9	68.4

	75
1	7.5
2	15.0
3	22.5
4	30.0
5	37.5
6	45.0
7	52.5
8	60.0
9	67.5

84°.300 — 84°.250

5°.750 — 5°.800

5°	sin	d	tang	d	cotg	cos	d		P.P.
.750	9.000 816		9.003 007		0.996 993	9.997 809		**.250**	
		75		76			0		
751	9.000 891		9.003 083		0.996 917	9.997 809		249	
		75		76			1		
752	9.000 966		9.003 159		0.996 841	9.997 808		248	
		76		76			1		
753	9.001 042		9.003 235		0.996 765	9.997 807		247	
		75		76			1		
754	9.001 117		9.003 311		0.996 689	9.997 806		246	
		75		76			0		
755	9.001 192		9.003 387		0.996 613	9.997 806		245	
		75		76			1		
756	9.001 267		9.003 463		0.996 537	9.997 805		244	
		76		76			1		
757	9.001 343		9.003 539		0.996 461	9.997 804		243	
		75		76			1		
758	9.001 418		9.003 615		0.996 385	9.997 803		242	
		75		75			1		
759	9.001 493		9.003 690		0.996 310	9.997 802		241	
		75		76			0		
.760	9.001 568		9.003 766		0.996 234	9.997 802		**.240**	
		75		76			1		
761	9.001 643		9.003 842		0.996 158	9.997 801		239	
		75		76			1		
762	9.001 718		9.003 918		0.996 082	9.997 800		238	
		75		76			1		
763	9.001 793		9.003 994		0.996 006	9.997 799		237	
		76		76			0		
764	9.001 869		9.004 070		0.995 930	9.997 799		236	
		75		76			1		
765	9.001 944		9.004 146		0.995 854	9.997 798		235	
		75		76			1		
766	9.002 019		9.004 222		0.995 778	9.997 797		234	
		75		75			1		
767	9.002 094		9.004 297		0.995 703	9.997 796		233	
		75		76			0		
768	9.002 169		9.004 373		0.995 627	9.997 796		232	
		75		76			1		
769	9.002 244		9.004 449		0.995 551	9.997 795		231	
		75		76			1		
.770	9.002 319		9.004 525		0.995 475	9.997 794		**.230**	
		75		76			1		
771	9.002 394		9.004 601		0.995 399	9.997 793		229	
		75		75			0		
772	9.002 469		9.004 676		0.995 324	9.997 793		228	
		75		76			1		
773	9.002 544		9.004 752		0.995 248	9.997 792		227	
		75		76			1		
774	9.002 619		9.004 828		0.995 172	9.997 791		226	
		75		76			1		
775	9.002 694		9.004 904		0.995 096	9.997 790		225	
		75		75			1		
776	9.002 769		9.004 979		0.995 021	9.997 789		224	
		75		76			0		
777	9.002 844		9.005 055		0.994 945	9.997 789		223	
		75		76			1		
778	9.002 919		9.005 131		0.994 869	9.997 788		222	
		74		75			1		
779	9.002 993		9.005 206		0.994 794	9.997 787		221	
		75		76			1		
.780	9.003 068		9.005 282		0.994 718	9.997 786		**.220**	
		75		76			0		
781	9.003 143		9.005 358		0.994 642	9.997 786		219	
		75		75			1		
782	9.003 218		9.005 433		0.994 567	9.997 785		218	
		75		76			1		
783	9.003 293		9.005 509		0.994 491	9.997 784		217	
		75		75			1		
784	9.003 368		9.005 584		0.994 416	9.997 783		216	
		75		76			0		
785	9.003 443		9.005 660		0.994 340	9.997 783		215	
		74		76			1		
786	9.003 517		9.005 736		0.994 264	9.997 782		214	
		75		75			1		
787	9.003 592		9.005 811		0.994 189	9.997 781		213	
		75		76			1		
788	9.003 667		9.005 887		0.994 113	9.997 780		212	
		75		75			1		
789	9.003 742		9.005 962		0.994 038	9.997 779		211	
		75		76			0		
.790	9.003 817		9.006 038		0.993 962	9.997 779		**.210**	
		74		75			1		
791	9.003 891		9.006 113		0.993 887	9.997 778		209	
		75		76			1		
792	9.003 966		9.006 189		0.993 811	9.997 777		208	
		75		75			1		
793	9.004 041		9.006 264		0.993 736	9.997 776		207	
		74		76			0		
794	9.004 115		9.006 340		0.993 660	9.997 776		206	
		75		75			1		
795	9.004 190		9.006 415		0.993 585	9.997 775		205	
		75		76			1		
796	9.004 265		9.006 491		0.993 509	9.997 774		204	
		74		75			1		
797	9.004 339		9.006 566		0.993 434	9.997 773		203	
		75		76			0		
798	9.004 414		9.006 642		0.993 358	9.997 773		202	
		75		75			1		
799	9.004 489		9.006 717		0.993 283	9.997 772		201	
		74		75			1		
.800	9.004 563		9.006 792		0.993 208	9.997 771		**.200**	
	cos	d	cotg	d	tang	sin	d	**84°**	P.P.

	76
1	7.6
2	15.2
3	22.8
4	30.4
5	38.0
6	45.6
7	53.2
8	60.8
9	68.4

	75
1	7.5
2	15.0
3	22.5
4	30.0
5	37.5
6	45.0
7	52.5
8	60.0
9	67.5

	74
1	7.4
2	14.8
3	22.2
4	29.6
5	37.0
6	44.4
7	51.8
8	59.2
9	66.6

84°.250 — 84°.200

5°.800 — 5°.850

5°	sin	d	tang	d	cotg	cos	d		P.P.
.800	9.004 563		9.006 792		0.993 208	9.997 771		**.200**	
		75		76			1		
801	9.004 638		9.006 868		0.993 132	9.997 770		199	
		75		75			1		
802	9.004 713		9.006 943		0.993 057	9.997 769		198	
		74		75			0		
803	9.004 787		9.007 018		0.992 982	9.997 769		197	
		75		76			1		
804	9.004 862		9.007 094		0.992 906	9.997 768		196	
		74		75			1		
805	9.004 936		9.007 169		0.992 831	9.997 767		195	
		75		75			1		
806	9.005 011		9.007 244		0.992 756	9.997 766		194	
		74		76			0		
807	9.005 085		9.007 320		0.992 680	9.997 766		193	
		75		75			1		
808	9.005 160		9.007 395		0.992 605	9.997 765		192	
		74		75			1		
809	9.005 234		9.007 470		0.992 530	9.997 764		191	
		75		76			1		
.810	9.005 309		9.007 546		0.992 454	9.997 763		**.190**	
		74		75			0		
811	9.005 383		9.007 621		0.992 379	9.997 763		189	
		75		75			1		
812	9.005 458		9.007 696		0.992 304	9.997 762		188	
		74		75			1		
813	9.005 532		9.007 771		0.992 229	9.997 761		187	
		75		76			1		
814	9.005 607		9.007 847		0.992 153	9.997 760		186	
		74		75			1		
815	9.005 681		9.007 922		0.992 078	9.997 759		185	
		75		75			0		
816	9.005 756		9.007 997		0.992 003	9.997 759		184	
		74		75			1		
817	9.005 830		9.008 072		0.991 928	9.997 758		183	
		74		75			1		
818	9.005 904		9.008 147		0.991 853	9.997 757		182	
		75		76			1		
819	9.005 979		9.008 223		0.991 777	9.997 756		181	
		74		75			0		
.820	9.006 053		9.008 298		0.991 702	9.997 756		**.180**	
		75		75			1		
821	9.006 128		9.008 373		0.991 627	9.997 755		179	
		74		75			1		
822	9.006 202		9.008 448		0.991 552	9.997 754		178	
		74		75			1		
823	9.006 276		9.008 523		0.991 477	9.997 753		177	
		75		75			1		
824	9.006 351		9.008 598		0.991 402	9.997 752		176	
		74		75			0		
825	9.006 425		9.008 673		0.991 327	9.997 752		175	
		74		75			1		
826	9.006 499		9.008 748		0.991 252	9.997 751		174	
		74		75			1		
827	9.006 573		9.008 823		0.991 177	9.997 750		173	
		75		75			1		
828	9.006 648		9.008 898		0.991 102	9.997 749		172	
		74		75			0		
829	9.006 722		9.008 973		0.991 027	9.997 749		171	
		74		75			1		
.830	9.006 796		9.009 048		0.990 952	9.997 748		**.170**	
		74		75			1		
831	9.006 870		9.009 123		0.990 877	9.997 747		169	
		75		75			1		
832	9.006 945		9.009 198		0.990 802	9.997 746		168	
		74		75			0		
833	9.007 019		9.009 273		0.990 727	9.997 746		167	
		74		75			1		
834	9.007 093		9.009 348		0.990 652	9.997 745		166	
		74		75			1		
835	9.007 167		9.009 423		0.990 577	9.997 744		165	
		74		75			1		
836	9.007 241		9.009 498		0.990 502	9.997 743		164	
		75		75			1		
837	9.007 316		9.009 573		0.990 427	9.997 742		163	
		74		75			0		
838	9.007 390		9.009 648		0.990 352	9.997 742		162	
		74		75			1		
839	9.007 464		9.009 723		0.990 277	9.997 741		161	
		74		75			1		
.840	9.007 538		9.009 798		0.990 202	9.997 740		**.160**	
		74		75			1		
841	9.007 612		9.009 873		0.990 127	9.997 739		159	
		74		75			0		
842	9.007 686		9.009 948		0.990 052	9.997 739		158	
		74		74			1		
843	9.007 760		9.010 022		0.989 978	9.997 738		157	
		74		75			1		
844	9.007 834		9.010 097		0.989 903	9.997 737		156	
		74		75			1		
845	9.007 908		9.010 172		0.989 828	9.997 736		155	
		74		75			1		
846	9.007 982		9.010 247		0.989 753	9.997 735		154	
		74		75			0		
847	9.008 056		9.010 322		0.989 678	9.997 735		153	
		74		75			1		
848	9.008 130		9.010 397		0.989 603	9.997 734		152	
		74		74			1		
849	9.008 204		9.010 471		0.989 529	9.997 733		151	
		74		75			1		
.850	9.008 278		9.010 546		0.989 454	9.997 732		**.150**	
	cos	d	cotg	d	tang	sin	d	**84°**	P.P.

	76
1	7.6
2	15.2
3	22.8
4	30.4
5	38.0
6	45.6
7	53.2
8	60.8
9	68.4

	75
1	7.5
2	15.0
3	22.5
4	30.0
5	37.5
6	45.0
7	52.5
8	60.0
9	67.5

	74
1	7.4
2	14.8
3	22.2
4	29.6
5	37.0
6	44.4
7	51.8
8	59.2
9	66.6

84°.200 — 84°.150

5°.850 — 5°.900

5°	sin	d	tang	d	cotg	cos	d		P.P.
.850	9.008 278	74	9.010 546	75	0.989 454	9.997 732	0	**.150**	
851	9.008 352	74	9.010 621	75	0.989 379	9.997 732	1	149	
852	9.008 426	74	9.010 696	74	0.989 304	9.997 731	1	148	
853	9.008 500	74	9.010 770	75	0.989 230	9.997 730	1	147	
854	9.008 574	74	9.010 845	75	0.989 155	9.997 729	1	146	
855	9.008 648	74	9.010 920	74	0.989 080	9.997 728	0	145	
856	9.008 722	74	9.010 994	75	0.989 006	9.997 728	1	144	
857	9.008 796	74	9.011 069	75	0.988 931	9.997 727	1	143	
858	9.008 870	74	9.011 144	74	0.988 856	9.997 726	1	142	
859	9.008 944	74	9.011 218	75	0.988 782	9.997 725	0	141	
.860	9.009 018	73	9.011 293	75	0.988 707	9.997 725	1	**.140**	
861	9.009 091	74	9.011 368	74	0.988 632	9.997 724	1	139	
862	9.009 165	74	9.011 442	75	0.988 558	9.997 723	1	138	
863	9.009 239	74	9.011 517	74	0.988 483	9.997 722	1	137	
864	9.009 313	74	9.011 591	75	0.988 409	9.997 721	0	136	
865	9.009 387	73	9.011 666	75	0.988 334	9.997 721	1	135	
866	9.009 460	74	9.011 741	74	0.988 259	9.997 720	1	134	
867	9.009 534	74	9.011 815	75	0.988 185	9.997 719	1	133	
868	9.009 608	74	9.011 890	74	0.988 110	9.997 718	0	132	
869	9.009 682	73	9.011 964	75	0.988 036	9.997 718	1	131	
.870	9.009 755	74	9.012 039	74	0.987 961	9.997 717	1	**.130**	
871	9.009 829	74	9.012 113	75	0.987 887	9.997 716	1	129	
872	9.009 903	74	9.012 188	74	0.987 812	9.997 715	1	128	
873	9.009 977	73	9.012 262	75	0.987 738	9.997 714	0	127	
874	9.010 050	74	9.012 337	74	0.987 663	9.997 714	1	126	
875	9.010 124	74	9.012 411	74	0.987 589	9.997 713	1	125	
876	9.010 198	73	9.012 485	75	0.987 515	9.997 712	1	124	
877	9.010 271	74	9.012 560	74	0.987 440	9.997 711	0	123	
878	9.010 345	73	9.012 634	75	0.987 366	9.997 711	1	122	
879	9.010 418	74	9.012 709	74	0.987 291	9.997 710	1	121	
.880	9.010 492	74	9.012 783	74	0.987 217	9.997 709	1	**.120**	
881	9.010 566	73	9.012 857	75	0.987 143	9.997 708	1	119	
882	9.010 639	74	9.012 932	74	0.987 068	9.997 707	0	118	
883	9.010 713	73	9.013 006	75	0.986 994	9.997 707	1	117	
884	9.010 786	74	9.013 081	74	0.986 919	9.997 706	1	116	
885	9.010 860	73	9.013 155	74	0.986 845	9.997 705	1	115	
886	9.010 933	74	9.013 229	74	0.986 771	9.997 704	0	114	
887	9.011 007	73	9.013 303	75	0.986 697	9.997 704	1	113	
888	9.011 080	74	9.013 378	74	0.986 622	9.997 703	1	112	
889	9.011 154	73	9.013 452	74	0.986 548	9.997 702	1	111	
.890	9.011 227	74	9.013 526	75	0.986 474	9.997 701	1	**.110**	
891	9.011 301	73	9.013 601	74	0.986 399	9.997 700	0	109	
892	9.011 374	74	9.013 675	74	0.986 325	9.997 700	1	108	
893	9.011 448	73	9.013 749	74	0.986 251	9.997 699	1	107	
894	9.011 521	74	9.013 823	74	0.986 177	9.997 698	1	106	
895	9.011 595	73	9.013 897	75	0.986 103	9.997 697	1	105	
896	9.011 668	73	9.013 972	74	0.986 028	9.997 696	0	104	
897	9.011 741	74	9.014 046	74	0.985 954	9.997 696	1	103	
898	9.011 815	73	9.014 120	74	0.985 880	9.997 695	1	102	
899	9.011 888	74	9.014 194	74	0.985 806	9.997 694	1	101	
.900	9.011 962		9.014 268		0.985 732	9.997 693		**.100**	
	cos	d	cotg	d	tang	sin	d	84°	P.P.

	75
1	7.5
2	15.0
3	22.5
4	30.0
5	37.5
6	45.0
7	52.5
8	60.0
9	67.5

	74
1	7.4
2	14.8
3	22.2
4	29.6
5	37.0
6	44.4
7	51.8
8	59.2
9	66.6

	73
1	7.3
2	14.6
3	21.9
4	29.2
5	36.5
6	43.8
7	51.1
8	58.4
9	65.7

84°.150 — 84°.100

5°.900 — 5°.950

5°	sin	d	tang	d	cotg	cos	d		P.P.
.900	9.011 962		9.014 268		0.985 732	9.997 693		**.100**	
		73		74			0		
901	9.012 035		9.014 342		0.985 658	9.997 693		099	
902	9.012 108	73	9.014 416	74	0.985 584	9.997 692	1	098	
903	9.012 182	74	9.014 491	75	0.985 509	9.997 691	1	097	
		73		74			1		
904	9.012 255		9.014 565		0.985 435	9.997 690		096	
905	9.012 328	73	9.014 639	74	0.985 361	9.997 689	1	095	
906	9.012 401	73	9.014 713	74	0.985 287	9.997 689	0	094	
		74		74			1		
907	9.012 475		9.014 787		0.985 213	9.997 688		093	
908	9.012 548	73	9.014 861	74	0.985 139	9.997 687	1	092	
909	9.012 621	73	9.014 935	74	0.985 065	9.997 686	1	091	
		73		74			0		
.910	9.012 694		9.015 009		0.984 991	9.997 686		**.090**	
		74		74			1		
911	9.012 768		9.015 083		0.984 917	9.997 685		089	
912	9.012 841	73	9.015 157	74	0.984 843	9.997 684	1	088	
913	9.012 914	73	9.015 231	74	0.984 769	9.997 683	1	087	
		73		74			1		
914	9.012 987		9.015 305		0.984 695	9.997 682		086	
915	9.013 060	73	9.015 379	74	0.984 621	9.997 682	0	085	
916	9.013 134	74	9.015 453	74	0.984 547	9.997 681	1	084	
		73		74			1		
917	9.013 207		9.015 527		0.984 473	9.997 680		083	
918	9.013 280	73	9.015 601	74	0.984 399	9.997 679	1	082	
919	9.013 353	73	9.015 675	74	0.984 325	9.997 678	1	081	
		73		73			0		
.920	9.013 426		9.015 748		0.984 252	9.997 678		**.080**	
		73		74			1		
921	9.013 499		9.015 822		0.984 178	9.997 677		079	
922	9.013 572	73	9.015 896	74	0.984 104	9.997 676	1	078	
923	9.013 645	73	9.015 970	74	0.984 030	9.997 675	1	077	
		73		74			0		
924	9.013 718		9.016 044		0.983 956	9.997 675		076	
925	9.013 791	73	9.016 118	74	0.983 882	9.997 674	1	075	
926	9.013 864	73	9.016 191	73	0.983 809	9.997 673	1	074	
		73		74			1		
927	9.013 937		9.016 265		0.983 735	9.997 672		073	
928	9.014 010	73	9.016 339	74	0.983 661	9.997 671	1	072	
929	9.014 083	73	9.016 413	74	0.983 587	9.997 671	0	071	
		73		74			1		
.930	9.014 156		9.016 487		0.983 513	9.997 670		**.070**	
		73		73			1		
931	9.014 229		9.016 560		0.983 440	9.997 669		069	
932	9.014 302	73	9.016 634	74	0.983 366	9.997 668	1	068	
933	9.014 375	73	9.016 708	74	0.983 292	9.997 667	1	067	
		73		74			0		
934	9.014 448		9.016 782		0.983 218	9.997 667		066	
935	9.014 521	73	9.016 855	73	0.983 145	9.997 666	1	065	
936	9.014 594	73	9.016 929	74	0.983 071	9.997 665	1	064	
		73		74			1		
937	9.014 667		9.017 003		0.982 997	9.997 664		063	
938	9.014 740	73	9.017 076	73	0.982 924	9.997 663	1	062	
939	9.014 813	73	9.017 150	74	0.982 850	9.997 663	0	061	
		73		74			1		
.940	9.014 886		9.017 224		0.982 776	9.997 662		**.060**	
		72		73			1		
941	9.014 958		9.017 297		0.982 703	9.997 661		059	
942	9.015 031	73	9.017 371	74	0.982 629	9.997 660	1	058	
943	9.015 104	73	9.017 445	74	0.982 555	9.997 660	0	057	
		73		73			1		
944	9.015 177		9.017 518		0.982 482	9.997 659		056	
945	9.015 250	73	9.017 592	74	0.982 408	9.997 658	1	055	
946	9.015 322	72	9.017 665	73	0.982 335	9.997 657	1	054	
		73		74			1		
947	9.015 395		9.017 739		0.982 261	9.997 656		053	
948	9.015 468	73	9.017 812	73	0.982 188	9.997 656	0	052	
949	9.015 541	73	9.017 886	74	0.982 114	9.997 655	1	051	
		72		73			1		
.950	9.015 613		9.017 959		0.982 041	9.997 654		**.050**	
	cos	d	cotg	d	tang	sin	d	**84°**	P.P.

	75
1	7.5
2	15.0
3	22.5
4	30.0
5	37.5
6	45.0
7	52.5
8	60.0
9	67.5

	74
1	7.4
2	14.8
3	22.2
4	29.6
5	37.0
6	44.4
7	51.8
8	59.2
9	66.6

	73
1	7.3
2	14.6
3	21.9
4	29.2
5	36.5
6	43.8
7	51.1
8	58.4
9	65.7

	72
1	7.2
2	14.4
3	21.6
4	28.8
5	36.0
6	43.2
7	50.4
8	57.6
9	64.8

84°.100 — 84°.050

5°.950 — 6°.000

5°	sin	d	tang	d	cotg	cos	d		P.P.
.950	9.015 613		9.017 959		0.982 041	9.997 654		**.050**	
		73		74			1		
951	9.015 686		9.018 033		0.981 967	9.997 653		049	
		73		73			1		
952	9.015 759		9.018 106		0.981 894	9.997 652		048	
		73		74			0		
953	9.015 832		9.018 180		0.981 820	9.997 652		047	
		72		73			1		
954	9.015 904		9.018 253		0.981 747	9.997 651		046	
		73		74			1		
955	9.015 977		9.018 327		0.981 673	9.997 650		045	
		73		73			1		
956	9.016 050		9.018 400		0.981 600	9.997 649		044	
		72		74			1		
957	9.016 122		9.018 474		0.981 526	9.997 648		043	
		73		73			0		
958	9.016 195		9.018 547		0.981 453	9.997 648		042	
		73		74			1		
959	9.016 268		9.018 621		0.981 379	9.997 647		041	
		72		73			1		
.960	9.016 340		9.018 694		0.981 306	9.997 646		**.040**	
		73		73			1		
961	9.016 413		9.018 767		0.981 233	9.997 645		039	
		72		74			0		
962	9.016 485		9.018 841		0.981 159	9.997 645		038	
		73		73			1		
963	9.016 558		9.018 914		0.981 086	9.997 644		037	
		72		74			1		
964	9.016 630		9.018 988		0.981 012	9.997 643		036	
		73		73			1		
965	9.016 703		9.019 061		0.980 939	9.997 642		035	
		73		73			1		
966	9.016 776		9.019 134		0.980 866	9.997 641		034	
		72		74			0		
967	9.016 848		9.019 208		0.980 792	9.997 641		033	
		73		73			1		
968	9.016 921		9.019 281		0.980 719	9.997 640		032	
		72		73			1		
969	9.016 993		9.019 354		0.980 646	9.997 639		031	
		73		73			1		
.970	9.017 066		9.019 427		0.980 573	9.997 638		**.030**	
		72		74			1		
971	9.017 138		9.019 501		0.980 499	9.997 637		029	
		73		73			0		
972	9.017 211		9.019 574		0.980 426	9.997 637		028	
		72		73			1		
973	9.017 283		9.019 647		0.980 353	9.997 636		027	
		72		73			1		
974	9.017 355		9.019 720		0.980 280	9.997 635		026	
		73		74			1		
975	9.017 428		9.019 794		0.980 206	9.997 634		025	
		72		73			1		
976	9.017 500		9.019 867		0.980 133	9.997 633		024	
		73		73			0		
977	9.017 573		9.019 940		0.980 060	9.997 633		023	
		72		73			1		
978	9.017 645		9.020 013		0.979 987	9.997 632		022	
		72		73			1		
979	9.017 717		9.020 086		0.979 914	9.997 631		021	
		73		74			1		
.980	9.017 790		9.020 160		0.979 840	9.997 630		**.020**	
		72		73			1		
981	9.017 862		9.020 233		0.979 767	9.997 629		019	
		72		73			0		
982	9.017 934		9.020 306		0.979 694	9.997 629		018	
		73		73			1		
983	9.018 007		9.020 379		0.979 621	9.997 628		017	
		72		73			1		
984	9.018 079		9.020 452		0.979 548	9.997 627		016	
		72		73			1		
985	9.018 151		9.020 525		0.979 475	9.997 626		015	
		73		73			1		
986	9.018 224		9.020 598		0.979 402	9.997 625		014	
		72		73			0		
987	9.018 296		9.020 671		0.979 329	9.997 625		013	
		72		73			1		
988	9.018 368		9.020 744		0.979 256	9.997 624		012	
		73		73			1		
989	9.018 441		9.020 817		0.979 183	9.997 623		011	
		72		73			1		
.990	9.018 513		9.020 890		0.979 110	9.997 622		**.010**	
		72		74			0		
991	9.018 585		9.020 964		0.979 036	9.997 622		009	
		72		73			1		
992	9.018 657		9.021 037		0.978 963	9.997 621		008	
		72		73			1		
993	9.018 729		9.021 110		0.978 890	9.997 620		007	
		73		73			1		
994	9.018 802		9.021 183		0.978 817	9.997 619		006	
		72		72			1		
995	9.018 874		9.021 255		0.978 745	9.997 618		005	
		72		73			0		
996	9.018 946		9.021 328		0.978 672	9.997 618		004	
		72		73			1		
997	9.019 018		9.021 401		0.978 599	9.997 617		003	
		72		73			1		
998	9.019 090		9.021 474		0.978 526	9.997 616		002	
		72		73			1		
999	9.019 162		9.021 547		0.978 453	9.997 615		001	
		73		73			1		
*000	9.019 235		9.021 620		0.978 380	9.997 614		.000	
	cos	d	cotg	d	tang	sin	d	84°	P.P.

	74
1	7.4
2	14.8
3	22.2
4	29.6
5	37.0
6	44.4
7	51.8
8	59.2
9	66.6

	73
1	7.3
2	14.6
3	21.9
4	29.2
5	36.5
6	43.8
7	51.1
8	58.4
9	65.7

	72
1	7.2
2	14.4
3	21.6
4	28.8
5	36.0
6	43.2
7	50.4
8	57.6
9	64.8

84°.050 — 84°.000

6°.000 — 6°.050

6°	sin	d	tang	d	cotg	cos	d		P.P.
.000	9.019 235	72	9.021 620	73	0.978 380	9.997 614	0	***000**	
001	9.019 307	72	9.021 693	73	0.978 307	9.997 614	1	999	
002	9.019 379	72	9.021 766	73	0.978 234	9.997 613	1	998	
003	9.019 451	72	9.021 839	73	0.978 161	9.997 612	1	997	
004	9.019 523	72	9.021 912	73	0.978 088	9.997 611	1	996	
005	9.019 595	72	9.021 985	72	0.978 015	9.997 610	0	995	
006	9.019 667	72	9.022 057	73	0.977 943	9.997 610	1	994	
007	9.019 739	72	9.022 130	73	0.977 870	9.997 609	1	993	
008	9.019 811	72	9.022 203	73	0.977 797	9.997 608	1	992	
009	9.019 883	72	9.022 276	73	0.977 724	9.997 607	1	991	
.010	9.019 955	72	9.022 349	73	0.977 651	9.997 606	0	**.990**	
011	9.020 027	72	9.022 422	72	0.977 578	9.997 606	1	989	
012	9.020 099	72	9.022 494	73	0.977 506	9.997 605	1	988	
013	9.020 171	72	9.022 567	73	0.977 433	9.997 604	1	987	
014	9.020 243	72	9.022 640	73	0.977 360	9.997 603	1	986	
015	9.020 315	72	9.022 713	72	0.977 287	9.997 602	0	985	
016	9.020 387	72	9.022 785	73	0.977 215	9.997 602	1	984	
017	9.020 459	72	9.022 858	73	0.977 142	9.997 601	1	983	
018	9.020 531	72	9.022 931	72	0.977 069	9.997 600	1	982	
019	9.020 603	72	9.023 003	73	0.976 997	9.997 599	1	981	
.020	9.020 675	71	9.023 076	73	0.976 924	9.997 598	0	**.980**	
021	9.020 746	72	9.023 149	72	0.976 851	9.997 598	1	979	
022	9.020 818	72	9.023 221	73	0.976 779	9.997 597	1	978	
023	9.020 890	72	9.023 294	73	0.976 706	9.997 596	1	977	
024	9.020 962	72	9.023 367	72	0.976 633	9.997 595	1	976	
025	9.021 034	72	9.023 439	73	0.976 561	9.997 594	0	975	
026	9.021 106	71	9.023 512	73	0.976 488	9.997 594	1	974	
027	9.021 177	72	9.023 585	72	0.976 415	9.997 593	1	973	
028	9.021 249	72	9.023 657	73	0.976 343	9.997 592	1	972	
029	9.021 321	72	9.023 730	72	0.976 270	9.997 591	1	971	
.030	9.021 393	71	9.023 802	73	0.976 198	9.997 590	0	**.970**	
031	9.021 464	72	9.023 875	72	0.976 125	9.997 590	1	969	
032	9.021 536	72	9.023 947	73	0.976 053	9.997 589	1	968	
033	9.021 608	72	9.024 020	72	0.975 980	9.997 588	1	967	
034	9.021 680	71	9.024 092	73	0.975 908	9.997 587	1	966	
035	9.021 751	72	9.024 165	72	0.975 835	9.997 586	1	965	
036	9.021 823	72	9.024 237	73	0.975 763	9.997 586	0	964	
037	9.021 895	71	9.024 310	72	0.975 690	9.997 585	1	963	
038	9.021 966	72	9.024 382	73	0.975 618	9.997 584	1	962	
039	9.022 038	72	9.024 455	72	0.975 545	9.997 583	1	961	
.040	9.022 110	71	9.024 527	73	0.975 473	9.997 582	0	**.960**	
041	9.022 181	72	9.024 600	72	0.975 400	9.997 582	1	959	
042	9.022 253	71	9.024 672	73	0.975 328	9.997 581	1	958	
043	9.022 324	72	9.024 745	72	0.975 255	9.997 580	1	957	
044	9.022 396	72	9.024 817	72	0.975 183	9.997 579	1	956	
045	9.022 468	71	9.024 889	73	0.975 111	9.997 578	0	955	
046	9.022 539	72	9.024 962	72	0.975 038	9.997 578	1	954	
047	9.022 611	71	9.025 034	72	0.974 966	9.997 577	1	953	
048	9.022 682	72	9.025 106	73	0.974 894	9.997 576	1	952	
049	9.022 754	71	9.025 179	72	0.974 821	9.997 575	1	951	
.050	9.022 825		9.025 251		0.974 749	9.997 574		**.950**	
	cos	d	cotg	d	tang	sin	d	**83°**	P.P.

	73
1	7.3
2	14.6
3	21.9
4	29.2
5	36.5
6	43.8
7	51.1
8	58.4
9	65.7

	72
1	7.2
2	14.4
3	21.6
4	28.8
5	36.0
6	43.2
7	50.4
8	57.6
9	64.8

	71
1	7.1
2	14.2
3	21.3
4	28.4
5	35.5
6	42.6
7	49.7
8	56.8
9	63.9

84°.000 — 83°.950

6°.050 — 6°.100

6°	sin	d	tang	d	cotg	cos	d		P.P.
.050	9.022 825	72	9.025 251	72	0.974 749	9.997 574	0	**.950**	
051	9.022 897	71	9.025 323	73	0.974 677	9.997 574	1	949	
052	9.022 968	72	9.025 396	72	0.974 604	9.997 573	1	948	
053	9.023 040	71	9.025 468	72	0.974 532	9.997 572	1	947	
054	9.023 111	72	9.025 540	73	0.974 460	9.997 571	1	946	
055	9.023 183	71	9.025 613	72	0.974 387	9.997 570	0	945	
056	9.023 254	72	9.025 685	72	0.974 315	9.997 570	1	944	
057	9.023 326	71	9.025 757	72	0.974 243	9.997 569	1	943	
058	9.023 397	72	9.025 829	72	0.974 171	9.997 568	1	942	
059	9.023 469	71	9.025 901	73	0.974 099	9.997 567	1	941	
.060	9.023 540	71	9.025 974	72	0.974 026	9.997 566	0	**.940**	
061	9.023 611	72	9.026 046	72	0.973 954	9.997 566	1	939	
062	9.023 683	71	9.026 118	72	0.973 882	9.997 565	1	938	
063	9.023 754	71	9.026 190	72	0.973 810	9.997 564	1	937	
064	9.023 825	72	9.026 262	73	0.973 738	9.997 563	1	936	
065	9.023 897	71	9.026 335	72	0.973 665	9.997 562	1	935	
066	9.023 968	71	9.026 407	72	0.973 593	9.997 561	0	934	
067	9.024 039	72	9.026 479	72	0.973 521	9.997 561	1	933	
068	9.024 111	71	9.026 551	72	0.973 449	9.997 560	1	932	
069	9.024 182	71	9.026 623	72	0.973 377	9.997 559	1	931	
.070	9.024 253	72	9.026 695	72	0.973 305	9.997 558	1	**.930**	
071	9.024 325	71	9.026 767	72	0.973 233	9.997 557	0	929	
072	9.024 396	71	9.026 839	72	0.973 161	9.997 557	1	928	
073	9.024 467	71	9.026 911	72	0.973 089	9.997 556	1	927	
074	9.024 538	72	9.026 983	72	0.973 017	9.997 555	1	926	
075	9.024 610	71	9.027 055	72	0.972 945	9.997 554	1	925	
076	9.024 681	71	9.027 127	72	0.972 873	9.997 553	0	924	
077	9.024 752	71	9.027 199	72	0.972 801	9.997 553	1	923	
078	9.024 823	71	9.027 271	72	0.972 729	9.997 552	1	922	
079	9.024 894	72	9.027 343	72	0.972 657	9.997 551	1	921	
.080	9.024 966	71	9.027 415	72	0.972 585	9.997 550	1	**.920**	
081	9.025 037	71	9.027 487	72	0.972 513	9.997 549	0	919	
082	9.025 108	71	9.027 559	72	0.972 441	9.997 549	1	918	
083	9.025 179	71	9.027 631	72	0.972 369	9.997 548	1	917	
084	9.025 250	71	9.027 703	72	0.972 297	9.997 547	1	916	
085	9.025 321	71	9.027 775	72	0.972 225	9.997 546	1	915	
086	9.025 392	71	9.027 847	72	0.972 153	9.997 545	0	914	
087	9.025 463	71	9.027 919	72	0.972 081	9.997 545	1	913	
088	9.025 534	72	9.027 991	72	0.972 009	9.997 544	1	912	
089	9.025 606	71	9.028 063	71	0.971 937	9.997 543	1	911	
.090	9.025 677	71	9.028 134	72	0.971 866	9.997 542	1	**.910**	
091	9.025 748	71	9.028 206	72	0.971 794	9.997 541	1	909	
092	9.025 819	71	9.028 278	72	0.971 722	9.997 540	0	908	
093	9.025 890	71	9.028 350	72	0.971 650	9.997 540	1	907	
094	9.025 961	71	9.028 422	72	0.971 578	9.997 539	1	906	
095	9.026 032	71	9.028 494	71	0.971 506	9.997 538	1	905	
096	9.026 103	71	9.028 565	72	0.971 435	9.997 537	1	904	
097	9.026 174	71	9.028 637	72	0.971 363	9.997 536	0	903	
098	9.026 245	71	9.028 709	72	0.971 291	9.997 536	1	902	
099	9.026 316	70	9.028 781	71	0.971 219	9.997 535	1	901	
.100	9.026 386		9.028 852		0.971 148	9.997 534		**.900**	
	cos	d	cotg	d	tang	sin	d	**83°**	P.P.

	73
1	7.3
2	14.6
3	21.9
4	29.2
5	36.5
6	43.8
7	51.1
8	58.4
9	65.7

	72
1	7.2
2	14.4
3	21.6
4	28.8
5	36.0
6	43.2
7	50.4
8	57.6
9	64.8

	71
1	7.1
2	14.2
3	21.3
4	28.4
5	35.5
6	42.6
7	49.7
8	56.8
9	63.9

	70
1	7.0
2	14.0
3	21.0
4	28.0
5	35.0
6	42.0
7	49.0
8	56.0
9	63.0

83°.950 — 83°.900

6°.100 — 6°.150

6°	sin	d	tang	d	cotg	cos	d		P.P.
.100	9.026 386	71	9.028 852	72	0.971 148	9.997 534	1	**.900**	
101	9.026 457	71	9.028 924	72	0.971 076	9.997 533	1	899	
102	9.026 528	71	9.028 996	72	0.971 004	9.997 532	0	898	
103	9.026 599	71	9.029 068	71	0.970 932	9.997 532	1	897	
104	9.026 670	71	9.029 139	72	0.970 861	9.997 531	1	896	
105	9.026 741	71	9.029 211	72	0.970 789	9.997 530	1	895	
106	9.026 812	71	9.029 283	71	0.970 717	9.997 529	1	894	
107	9.026 883	70	9.029 354	72	0.970 646	9.997 528	0	893	72
108	9.026 953	71	9.029 426	72	0.970 574	9.997 528	1	892	1 7.2
109	9.027 024	71	9.029 498	71	0.970 502	9.997 527	1	891	2 14.4
.110	9.027 095	71	9.029 569	72	0.970 431	9.997 526	1	**.890**	3 21.6
111	9.027 166	71	9.029 641	71	0.970 359	9.997 525	1	889	4 28.8
112	9.027 237	71	9.029 712	72	0.970 288	9.997 524	1	888	5 36.0
113	9.027 308	70	9.029 784	72	0.970 216	9.997 523	0	887	6 43.2
114	9.027 378	71	9.029 856	71	0.970 144	9.997 523	1	886	7 50.4
115	9.027 449	71	9.029 927	72	0.970 073	9.997 522	1	885	8 57.6
116	9.027 520	71	9.029 999	71	0.970 001	9.997 521	1	884	9 64.8
117	9.027 591	70	9.030 070	72	0.969 930	9.997 520	1	883	
118	9.027 661	71	9.030 142	71	0.969 858	9.997 519	0	882	
119	9.027 732	71	9.030 213	72	0.969 787	9.997 519	1	881	
.120	9.027 803	70	9.030 285	71	0.969 715	9.997 518	1	**.880**	
121	9.027 873	71	9.030 356	72	0.969 644	9.997 517	1	879	71
122	9.027 944	71	9.030 428	71	0.969 572	9.997 516	1	878	1 7.1
123	9.028 015	70	9.030 499	72	0.969 501	9.997 515	0	877	2 14.2
124	9.028 085	71	9.030 571	71	0.969 429	9.997 515	1	876	3 21.3
125	9.028 156	71	9.030 642	72	0.969 358	9.997 514	1	875	4 28.4
126	9.028 227	70	9.030 714	71	0.969 286	9.997 513	1	874	5 35.5
127	9.028 297	71	9.030 785	72	0.969 215	9.997 512	1	873	6 42.6
128	9.028 368	70	9.030 857	71	0.969 143	9.997 511	1	872	7 49.7
129	9.028 438	71	9.030 928	71	0.969 072	9.997 510	1	871	8 56.8
.130	9.028 509	71	9.030 999	72	0.969 001	9.997 510	0	**.870**	9 63.9
131	9.028 580	70	9.031 071	71	0.968 929	9.997 509	1	869	
132	9.028 650	71	9.031 142	71	0.968 858	9.997 508	1	868	
133	9.028 721	70	9.031 213	72	0.968 787	9.997 507	1	867	
134	9.028 791	71	9.031 285	71	0.968 715	9.997 506	1	866	
135	9.028 862	70	9.031 356	71	0.968 644	9.997 506	0	865	
136	9.028 932	71	9.031 427	72	0.968 573	9.997 505	1	864	70
137	9.029 003	70	9.031 499	71	0.968 501	9.997 504	1	863	1 7.0
138	9.029 073	71	9.031 570	71	0.968 430	9.997 503	1	862	2 14.0
139	9.029 144	70	9.031 641	72	0.968 359	9.997 502	0	861	3 21.0
.140	9.029 214	71	9.031 713	71	0.968 287	9.997 502	1	**.860**	4 28.0
141	9.029 285	70	9.031 784	71	0.968 216	9.997 501	1	859	5 35.0
142	9.029 355	71	9.031 855	71	0.968 145	9.997 500	1	858	6 42.0
143	9.029 426	70	9.031 926	72	0.968 074	9.997 499	1	857	7 49.0
144	9.029 496	70	9.031 998	71	0.968 002	9.997 498	1	856	8 56.0
145	9.029 566	71	9.032 069	71	0.967 931	9.997 497	0	855	9 63.0
146	9.029 637	70	9.032 140	71	0.967 860	9.997 497	1	854	
147	9.029 707	71	9.032 211	72	0.967 789	9.997 496	1	853	
148	9.029 778	70	9.032 283	71	0.967 717	9.997 495	1	852	
149	9.029 848	70	9.032 354	71	0.967 646	9.997 494	1	851	
.150	9.029 918		9.032 425		0.967 575	9.997 493		**.850**	
	cos	d	cotg	d	tang	sin	d	**83°**	P.P.

83°.900 — 83°.850

6°.150 — 6°.200

6°	sin	d	tang	d	cotg	cos	d		P.P.
.150	9.029 918	71	9.032 425	71	0.967 575	9.997 493	0	**.850**	
151	9.029 989	70	9.032 496	71	0.967 504	9.997 493	1	849	
152	9.030 059	70	9.032 567	71	0.967 433	9.997 492	1	848	
153	9.030 129	71	9.032 638	71	0.967 362	9.997 491	1	847	
154	9.030 200	70	9.032 709	72	0.967 291	9.997 490	1	846	
155	9.030 270	70	9.032 781	71	0.967 219	9.997 489	1	845	
156	9.030 340	70	9.032 852	71	0.967 148	9.997 488	0	844	
157	9.030 410	71	9.032 923	71	0.967 077	9.997 488	1	843	
158	9.030 481	70	9.032 994	71	0.967 006	9.997 487	1	842	
159	9.030 551	70	9.033 065	71	0.966 935	9.997 486	1	841	
.160	9.030 621	70	9.033 136	71	0.966 864	9.997 485	1	**.840**	
161	9.030 691	71	9.033 207	71	0.966 793	9.997 484	0	839	
162	9.030 762	70	9.033 278	71	0.966 722	9.997 484	1	838	
163	9.030 832	70	9.033 349	71	0.966 651	9.997 483	1	837	
164	9.030 902	70	9.033 420	71	0.966 580	9.997 482	1	836	
165	9.030 972	70	9.033 491	71	0.966 509	9.997 481	1	835	
166	9.031 042	70	9.033 562	71	0.966 438	9.997 480	1	834	
167	9.031 112	71	9.033 633	71	0.966 367	9.997 479	0	833	
168	9.031 183	70	9.033 704	71	0.966 296	9.997 479	1	832	
169	9.031 253	70	9.033 775	71	0.966 225	9.997 478	1	831	
.170	9.031 323	70	9.033 846	71	0.966 154	9.997 477	1	**.830**	
171	9.031 393	70	9.033 917	71	0.966 083	9.997 476	1	829	
172	9.031 463	70	9.033 988	71	0.966 012	9.997 475	0	828	
173	9.031 533	70	9.034 059	70	0.965 941	9.997 475	1	827	
174	9.031 603	70	9.034 129	71	0.965 871	9.997 474	1	826	
175	9.031 673	70	9.034 200	71	0.965 800	9.997 473	1	825	
176	9.031 743	70	9.034 271	71	0.965 729	9.997 472	1	824	
177	9.031 813	70	9.034 342	71	0.965 658	9.997 471	1	823	
178	9.031 883	70	9.034 413	71	0.965 587	9.997 470	0	822	
179	9.031 953	70	9.034 484	71	0.965 516	9.997 470	1	821	
.180	9.032 023	70	9.034 555	70	0.965 445	9.997 469	1	**.820**	
181	9.032 093	70	9.034 625	71	0.965 375	9.997 468	1	819	
182	9.032 163	70	9.034 696	71	0.965 304	9.997 467	1	818	
183	9.032 233	70	9.034 767	71	0.965 233	9.997 466	1	817	
184	9.032 303	70	9.034 838	71	0.965 162	9.997 465	0	816	
185	9.032 373	70	9.034 909	70	0.965 091	9.997 465	1	815	
186	9.032 443	70	9.034 979	71	0.965 021	9.997 464	1	814	
187	9.032 513	70	9.035 050	71	0.964 950	9.997 463	1	813	
188	9.032 583	70	9.035 121	71	0.964 879	9.997 462	1	812	
189	9.032 653	70	9.035 192	70	0.964 808	9.997 461	0	811	
.190	9.032 723	70	9.035 262	71	0.964 738	9.997 461	1	**.810**	
191	9.032 793	70	9.035 333	71	0.964 667	9.997 460	1	809	
192	9.032 863	69	9.035 404	70	0.964 596	9.997 459	1	808	
193	9.032 932	70	9.035 474	71	0.964 526	9.997 458	1	807	
194	9.033 002	70	9.035 545	71	0.964 455	9.997 457	1	806	
195	9.033 072	70	9.035 616	70	0.964 384	9.997 456	0	805	
196	9.033 142	70	9.035 686	71	0.964 314	9.997 456	1	804	
197	9.033 212	70	9.035 757	71	0.964 243	9.997 455	1	803	
198	9.033 282	69	9.035 828	70	0.964 172	9.997 454	1	802	
199	9.033 351	70	9.035 898	71	0.964 102	9.997 453	1	801	
.200	9.033 421		9.035 969		0.964 031	9.997 452		**.800**	
	cos	d	cotg	d	tang	sin	d	**83°**	P.P.

	72
1	7.2
2	14.4
3	21.6
4	28.8
5	36.0
6	43.2
7	50.4
8	57.6
9	64.8

	71
1	7.1
2	14.2
3	21.3
4	28.4
5	35.5
6	42.6
7	49.7
8	56.8
9	63.9

	70
1	7.0
2	14.0
3	21.0
4	28.0
5	35.0
6	42.0
7	49.0
8	56.0
9	63.0

	69
1	6.9
2	13.8
3	20.7
4	27.6
5	34.5
6	41.4
7	48.3
8	55.2
9	62.1

83°.850 — 83°.800

6°.200 — 6°.250

6°	sin	d	tang	d	cotg	cos	d		P.P.
.200	9.033 421	70	9.035 969	70	0.964 031	9.997 452	0	**.800**	
201	9.033 491	70	9.036 039	71	0.963 961	9.997 452	1	799	
202	9.033 561	69	9.036 110	71	0.963 890	9.997 451	1	798	
203	9.033 630	70	9.036 181	70	0.963 819	9.997 450	1	797	
204	9.033 700	70	9.036 251	71	0.963 749	9.997 449	1	796	
205	9.033 770	70	9.036 322	70	0.963 678	9.997 448	1	795	
206	9.033 840	69	9.036 392	71	0.963 608	9.997 447	0	794	
207	9.033 909	70	9.036 463	70	0.963 537	9.997 447	1	793	
208	9.033 979	70	9.036 533	71	0.963 467	9.997 446	1	792	
209	9.034 049	69	9.036 604	70	0.963 396	9.997 445	1	791	
.210	9.034 118	70	9.036 674	71	0.963 326	9.997 444	1	**.790**	
211	9.034 188	70	9.036 745	70	0.963 255	9.997 443	1	789	
212	9.034 258	69	9.036 815	71	0.963 185	9.997 442	0	788	
213	9.034 327	70	9.036 886	70	0.963 114	9.997 442	1	787	
214	9.034 397	69	9.036 956	71	0.963 044	9.997 441	1	786	
215	9.034 466	70	9.037 027	70	0.962 973	9.997 440	1	785	
216	9.034 536	70	9.037 097	70	0.962 903	9.997 439	1	784	
217	9.034 606	69	9.037 167	71	0.962 833	9.997 438	1	783	
218	9.034 675	70	9.037 238	70	0.962 762	9.997 437	0	782	
219	9.034 745	69	9.037 308	71	0.962 692	9.997 437	1	781	
.220	9.034 814	70	9.037 379	70	0.962 621	9.997 436	1	**.780**	
221	9.034 884	69	9.037 449	70	0.962 551	9.997 435	1	779	
222	9.034 953	70	9.037 519	71	0.962 481	9.997 434	1	778	
223	9.035 023	69	9.037 590	70	0.962 410	9.997 433	0	777	
224	9.035 092	70	9.037 660	70	0.962 340	9.997 433	1	776	
225	9.035 162	69	9.037 730	71	0.962 270	9.997 432	1	775	
226	9.035 231	70	9.037 801	70	0.962 199	9.997 431	1	774	
227	9.035 301	69	9.037 871	70	0.962 129	9.997 430	1	773	
228	9.035 370	70	9.037 941	70	0.962 059	9.997 429	1	772	
229	9.035 440	69	9.038 011	71	0.961 989	9.997 428	0	771	
.230	9.035 509	70	9.038 082	70	0.961 918	9.997 428	1	**.770**	
231	9.035 579	69	9.038 152	70	0.961 848	9.997 427	1	769	
232	9.035 648	70	9.038 222	70	0.961 778	9.997 426	1	768	
233	9.035 718	69	9.038 292	71	0.961 708	9.997 425	1	767	
234	9.035 787	69	9.038 363	70	0.961 637	9.997 424	1	766	
235	9.035 856	70	9.038 433	70	0.961 567	9.997 423	0	765	
236	9.035 926	69	9.038 503	70	0.961 497	9.997 423	1	764	
237	9.035 995	69	9.038 573	70	0.961 427	9.997 422	1	763	
238	9.036 064	70	9.038 643	71	0.961 357	9.997 421	1	762	
239	9.036 134	69	9.038 714	70	0.961 286	9.997 420	1	761	
.240	9.036 203	69	9.038 784	70	0.961 216	9.997 419	1	**.760**	
241	9.036 272	70	9.038 854	70	0.961 146	9.997 418	0	759	
242	9.036 342	69	9.038 924	70	0.961 076	9.997 418	1	758	
243	9.036 411	69	9.038 994	70	0.961 006	9.997 417	1	757	
244	9.036 480	70	9.039 064	70	0.960 936	9.997 416	1	756	
245	9.036 550	69	9.039 134	71	0.960 866	9.997 415	1	755	
246	9.036 619	69	9.039 205	70	0.960 795	9.997 414	1	754	
247	9.036 688	69	9.039 275	70	0.960 725	9.997 413	0	753	
248	9.036 757	70	9.039 345	70	0.960 655	9.997 413	1	752	
249	9.036 827	69	9.039 415	70	0.960 585	9.997 412	1	751	
.250	9.036 896		9.039 485		0.960 515	9.997 411		**.750**	
	cos	d	cotg	d	tang	sin	d	**83°**	P.P.

	71
1	7.1
2	14.2
3	21.3
4	28.4
5	35.5
6	42.6
7	49.7
8	56.8
9	63.9

	70
1	7.0
2	14.0
3	21.0
4	28.0
5	35.0
6	42.0
7	49.0
8	56.0
9	63.0

	69
1	6.9
2	13.8
3	20.7
4	27.6
5	34.5
6	41.4
7	48.3
8	55.2
9	62.1

83°.800 — 83°.750

6°.250 — 6°.300

6°	sin	d	tang	d	cotg	cos	d		P.P.
.250	9.036 896	69	9.039 485	70	0.960 515	9.997 411	1	**.750**	
251	9.036 965	69	9.039 555	70	0.960 445	9.997 410	1	749	
252	9.037 034	69	9.039 625	70	0.960 375	9.997 409	0	748	
253	9.037 103	70	9.039 695	70	0.960 305	9.997 409	1	747	
254	9.037 173	69	9.039 765	70	0.960 235	9.997 408	1	746	
255	9.037 242	69	9.039 835	70	0.960 165	9.997 407	1	745	
256	9.037 311	69	9.039 905	70	0.960 095	9.997 406	1	744	
257	9.037 380	69	9.039 975	70	0.960 025	9.997 405	1	743	
258	9.037 449	69	9.040 045	70	0.959 955	9.997 404	0	742	
259	9.037 518	69	9.040 115	70	0.959 885	9.997 404	1	741	
.260	9.037 587	69	9.040 185	70	0.959 815	9.997 403	1	**.740**	
261	9.037 656	69	9.040 255	69	0.959 745	9.997 402	1	739	
262	9.037 725	70	9.040 324	70	0.959 676	9.997 401	1	738	
263	9.037 795	69	9.040 394	70	0.959 606	9.997 400	1	737	
264	9.037 864	69	9.040 464	70	0.959 536	9.997 399	0	736	
265	9.037 933	69	9.040 534	70	0.959 466	9.997 399	1	735	
266	9.038 002	69	9.040 604	70	0.959 396	9.997 398	1	734	
267	9.038 071	69	9.040 674	70	0.959 326	9.997 397	1	733	
268	9.038 140	69	9.040 744	70	0.959 256	9.997 396	1	732	
269	9.038 209	69	9.040 814	69	0.959 186	9.997 395	1	731	
.270	9.038 278	69	9.040 883	70	0.959 117	9.997 394	0	**.730**	
271	9.038 347	69	9.040 953	70	0.959 047	9.997 394	1	729	
272	9.038 416	69	9.041 023	70	0.958 977	9.997 393	1	728	
273	9.038 485	69	9.041 093	70	0.958 907	9.997 392	1	727	
274	9.038 554	69	9.041 163	69	0.958 837	9.997 391	1	726	
275	9.038 623	68	9.041 232	70	0.958 768	9.997 390	1	725	
276	9.038 691	69	9.041 302	70	0.958 698	9.997 389	0	724	
277	9.038 760	69	9.041 372	70	0.958 628	9.997 389	1	723	
278	9.038 829	69	9.041 442	69	0.958 558	9.997 388	1	722	
279	9.038 898	69	9.041 511	70	0.958 489	9.997 387	1	721	
.280	9.038 967	69	9.041 581	70	0.958 419	9.997 386	1	**.720**	
281	9.039 036	69	9.041 651	69	0.958 349	9.997 385	1	719	
282	9.039 105	69	9.041 720	70	0.958 280	9.997 384	0	718	
283	9.039 174	69	9.041 790	70	0.958 210	9.997 384	1	717	
284	9.039 243	68	9.041 860	69	0.958 140	9.997 383	1	716	
285	9.039 311	69	9.041 929	70	0.958 071	9.997 382	1	715	
286	9.039 380	69	9.041 999	70	0.958 001	9.997 381	1	714	
287	9.039 449	69	9.042 069	69	0.957 931	9.997 380	1	713	
288	9.039 518	69	9.042 138	70	0.957 862	9.997 379	0	712	
289	9.039 587	68	9.042 208	70	0.957 792	9.997 379	1	711	
.290	9.039 655	69	9.042 278	69	0.957 722	9.997 378	1	**.710**	
291	9.039 724	69	9.042 347	70	0.957 653	9.997 377	1	709	
292	9.039 793	69	9.042 417	69	0.957 583	9.997 376	1	708	
293	9.039 862	68	9.042 486	70	0.957 514	9.997 375	1	707	
294	9.039 930	69	9.042 556	70	0.957 444	9.997 374	0	706	
295	9.039 999	69	9.042 626	69	0.957 374	9.997 374	1	705	
296	9.040 068	68	9.042 695	70	0.957 305	9.997 373	1	704	
297	9.040 136	69	9.042 765	69	0.957 235	9.997 372	1	703	
298	9.040 205	69	9.042 834	70	0.957 166	9.997 371	1	702	
299	9.040 274	68	9.042 904	69	0.957 096	9.997 370	1	701	
.300	9.040 342		9.042 973		0.957 027	9.997 369		**.700**	
	cos	d	cotg	d	tang	sin	d	**83°**	P.P.

	70
1	7.0
2	14.0
3	21.0
4	28.0
5	35.0
6	42.0
7	49.0
8	56.0
9	63.0

	69
1	6.9
2	13.8
3	20.7
4	27.6
5	34.5
6	41.4
7	48.3
8	55.2
9	62.1

	68
1	6.8
2	13.6
3	20.4
4	27.2
5	34.0
6	40.8
7	47.6
8	54.4
9	61.2

83°.750 — 83°.700

6°.300 — 6°.350

6°	sin	d	tang	d	cotg	cos	d		P.P.
.300	9.040 342	69	9.042 973	70	0.957 027	9.997 369	1	**.700**	
301	9.040 411	69	9.043 043	69	0.956 957	9.997 368	0	699	
302	9.040 480	68	9.043 112	70	0.956 888	9.997 368	1	698	
303	9.040 548	69	9.043 182	69	0.956 818	9.997 367	1	697	
304	9.040 617	69	9.043 251	69	0.956 749	9.997 366	1	696	
305	9.040 686	68	9.043 320	70	0.956 680	9.997 365	1	695	
306	9.040 754	69	9.043 390	69	0.956 610	9.997 364	1	694	
307	9.040 823	68	9.043 459	70	0.956 541	9.997 363	0	693	70
308	9.040 891	69	9.043 529	69	0.956 471	9.997 363	1	692	1 7.0
309	9.040 960	68	9.043 598	70	0.956 402	9.997 362	1	691	2 14.0
.310	9.041 028	69	9.043 668	69	0.956 332	9.997 361	1	**.690**	3 21.0
311	9.041 097	69	9.043 737	69	0.956 263	9.997 360	1	689	4 28.0
312	9.041 166	68	9.043 806	70	0.956 194	9.997 359	1	688	5 35.0
313	9.041 234	69	9.043 876	69	0.956 124	9.997 358	1	687	6 42.0
314	9.041 303	68	9.043 945	69	0.956 055	9.997 358	0	686	7 49.0
315	9.041 371	69	9.044 014	70	0.955 986	9.997 357	1	685	8 56.0
316	9.041 440	68	9.044 084	69	0.955 916	9.997 356	1	684	9 63.0
317	9.041 508	69	9.044 153	69	0.955 847	9.997 355	1	683	
318	9.041 577	68	9.044 222	70	0.955 778	9.997 354	1	682	
319	9.041 645	68	9.044 292	69	0.955 708	9.997 353	1	681	
.320	9.041 713	69	9.044 361	69	0.955 639	9.997 353	0	**.680**	
321	9.041 782	68	9.044 430	69	0.955 570	9.997 352	1	679	69
322	9.041 850	69	9.044 499	70	0.955 501	9.997 351	1	678	1 6.9
323	9.041 919	68	9.044 569	69	0.955 431	9.997 350	1	677	2 13.8
324	9.041 987	68	9.044 638	69	0.955 362	9.997 349	1	676	3 20.7
325	9.042 055	69	9.044 707	69	0.955 293	9.997 348	1	675	4 27.6
326	9.042 124	68	9.044 776	70	0.955 224	9.997 348	0	674	5 34.5
327	9.042 192	69	9.044 846	69	0.955 154	9.997 347	1	673	6 41.4
328	9.042 261	68	9.044 915	69	0.955 085	9.997 346	1	672	7 48.3
329	9.042 329	68	9.044 984	69	0.955 016	9.997 345	1	671	8 55.2
.330	9.042 397	69	9.045 053	69	0.954 947	9.997 344	1	**.670**	9 62.1
331	9.042 466	68	9.045 122	69	0.954 878	9.997 343	1	669	
332	9.042 534	68	9.045 191	70	0.954 809	9.997 342	1	668	
333	9.042 602	68	9.045 261	69	0.954 739	9.997 342	0	667	
334	9.042 670	69	9.045 330	69	0.954 670	9.997 341	1	666	
335	9.042 739	68	9.045 399	69	0.954 601	9.997 340	1	665	
336	9.042 807	68	9.045 468	69	0.954 532	9.997 339	1	664	68
337	9.042 875	69	9.045 537	69	0.954 463	9.997 338	1	663	1 6.8
338	9.042 944	68	9.045 606	69	0.954 394	9.997 337	1	662	2 13.6
339	9.043 012	68	9.045 675	69	0.954 325	9.997 337	0	661	3 20.4
.340	9.043 080	68	9.045 744	69	0.954 256	9.997 336	1	**.660**	4 27.2
341	9.043 148	68	9.045 813	69	0.954 187	9.997 335	1	659	5 34.0
342	9.043 216	69	9.045 882	69	0.954 118	9.997 334	1	658	6 40.8
343	9.043 285	68	9.045 951	69	0.954 049	9.997 333	1	657	7 47.6
344	9.043 353	68	9.046 020	69	0.953 980	9.997 332	0	656	8 54.4
345	9.043 421	68	9.046 089	69	0.953 911	9.997 332	1	655	9 61.2
346	9.043 489	68	9.046 158	69	0.953 842	9.997 331	1	654	
347	9.043 557	68	9.046 227	69	0.953 773	9.997 330	1	653	
348	9.043 625	69	9.046 296	69	0.953 704	9.997 329	1	652	
349	9.043 694	68	9.046 365	69	0.953 635	9.997 328	1	651	
.350	9.043 762		9.046 434		0.953 566	9.997 327		**.650**	
	cos	d	cotg	d	tang	sin	d	**83°**	P.P.

83°.700 — 83°.650

6°.350 — 6°.400

6°	sin	d	tang	d	cotg	cos	d		P.P.
.350	9.043 762	68	9.046 434	69	0.953 566	9.997 327	1	.650	
351	9.043 830	68	9.046 503	69	0.953 497	9.997 326	0	649	
352	9.043 898	68	9.046 572	69	0.953 428	9.997 326	1	648	
353	9.043 966	68	9.046 641	69	0.953 359	9.997 325	1	647	
354	9.044 034	68	9.046 710	69	0.953 290	9.997 324	1	646	
355	9.044 102	68	9.046 779	69	0.953 221	9.997 323	1	645	
356	9.044 170	68	9.046 848	69	0.953 152	9.997 322	1	644	
357	9.044 238	68	9.046 917	69	0.953 083	9.997 321	0	643	
358	9.044 306	68	9.046 986	69	0.953 014	9.997 321	1	642	
359	9.044 374	68	9.047 055	68	0.952 945	9.997 320	1	641	
.360	9.044 442	68	9.047 123	69	0.952 877	9.997 319	1	.640	
361	9.044 510	68	9.047 192	69	0.952 808	9.997 318	1	639	
362	9.044 578	68	9.047 261	69	0.952 739	9.997 317	1	638	
363	9.044 646	68	9.047 330	69	0.952 670	9.997 316	1	637	
364	9.044 714	68	9.047 399	68	0.952 601	9.997 315	0	636	
365	9.044 782	68	9.047 467	69	0.952 533	9.997 315	1	635	
366	9.044 850	68	9.047 536	69	0.952 464	9.997 314	1	634	
367	9.044 918	68	9.047 605	69	0.952 395	9.997 313	1	633	
368	9.044 986	68	9.047 674	69	0.952 326	9.997 312	1	632	
369	9.045 054	68	9.047 743	68	0.952 257	9.997 311	1	631	
.370	9.045 122	68	9.047 811	69	0.952 189	9.997 310	0	.630	
371	9.045 190	68	9.047 880	69	0.952 120	9.997 310	1	629	
372	9.045 258	67	9.047 949	69	0.952 051	9.997 309	1	628	
373	9.045 325	68	9.048 018	68	0.951 982	9.997 308	1	627	
374	9.045 393	68	9.048 086	69	0.951 914	9.997 307	1	626	
375	9.045 461	68	9.048 155	69	0.951 845	9.997 306	1	625	
376	9.045 529	68	9.048 224	68	0.951 776	9.997 305	1	624	
377	9.045 597	68	9.048 292	69	0.951 708	9.997 304	0	623	
378	9.045 665	67	9.048 361	69	0.951 639	9.997 304	1	622	
379	9.045 732	68	9.048 430	68	0.951 570	9.997 303	1	621	
.380	9.045 800	68	9.048 498	69	0.951 502	9.997 302	1	.620	
381	9.045 868	68	9.048 567	68	0.951 433	9.997 301	1	619	
382	9.045 936	68	9.048 635	69	0.951 365	9.997 300	1	618	
383	9.046 004	67	9.048 704	69	0.951 296	9.997 299	0	617	
384	9.046 071	68	9.048 773	68	0.951 227	9.997 299	1	616	
385	9.046 139	68	9.048 841	69	0.951 159	9.997 298	1	615	
386	9.046 207	67	9.048 910	68	0.951 090	9.997 297	1	614	
387	9.046 274	68	9.048 978	69	0.951 022	9.997 296	1	613	
388	9.046 342	68	9.049 047	69	0.950 953	9.997 295	1	612	
389	9.046 410	68	9.049 116	68	0.950 884	9.997 294	1	611	
.390	9.046 478	67	9.049 184	69	0.950 816	9.997 293	0	.610	
391	9.046 545	68	9.049 253	68	0.950 747	9.997 293	1	609	
392	9.046 613	68	9.049 321	69	0.950 679	9.997 292	1	608	
393	9.046 681	67	9.049 390	68	0.950 610	9.997 291	1	607	
394	9.046 748	68	9.049 458	69	0.950 542	9.997 290	1	606	
395	9.046 816	67	9.049 527	68	0.950 473	9.997 289	1	605	
396	9.046 883	68	9.049 595	69	0.950 405	9.997 288	0	604	
397	9.046 951	68	9.049 664	68	0.950 336	9.997 288	1	603	
398	9.047 019	67	9.049 732	68	0.950 268	9.997 287	1	602	
399	9.047 086	68	9.049 800	69	0.950 200	9.997 286	1	601	
.400	9.047 154		9.049 869		0.950 131	9.997 285		.600	
	cos	d	cotg	d	tang	sin	d	83°	P.P.

	69
1	6.9
2	13.8
3	20.7
4	27.6
5	34.5
6	41.4
7	48.3
8	55.2
9	62.1

	68
1	6.8
2	13.6
3	20.4
4	27.2
5	34.0
6	40.8
7	47.6
8	54.4
9	61.2

	67
1	6.7
2	13.4
3	20.1
4	26.8
5	33.5
6	40.2
7	46.9
8	53.6
9	60.3

83°.650 — 83°.600

6°.400 — 6°.450

6°	sin	d	tang	d	cotg	cos	d		P.P.
.400	9.047 154	67	9.049 869	68	0.950 131	9.997 285	1	.600	
401	9.047 221	68	9.049 937	69	0.950 063	9.997 284	1	599	
402	9.047 289	68	9.050 006	68	0.949 994	9.997 283	1	598	
403	9.047 357	67	9.050 074	68	0.949 926	9.997 282	0	597	
404	9.047 424	68	9.050 142	69	0.949 858	9.997 282	1	596	
405	9.047 492	67	9.050 211	68	0.949 789	9.997 281	1	595	
406	9.047 559	68	9.050 279	69	0.949 721	9.997 280	1	594	
407	9.047 627	67	9.050 348	68	0.949 652	9.997 279	1	593	
408	9.047 694	68	9.050 416	68	0.949 584	9.997 278	1	592	
409	9.047 762	67	9.050 484	69	0.949 516	9.997 277	1	591	
.410	9.047 829	68	9.050 553	68	0.949 447	9.997 276	0	.590	
411	9.047 897	67	9.050 621	68	0.949 379	9.997 276	1	589	
412	9.047 964	67	9.050 689	69	0.949 311	9.997 275	1	588	
413	9.048 031	68	9.050 758	68	0.949 242	9.997 274	1	587	
414	9.048 099	67	9.050 826	68	0.949 174	9.997 273	1	586	
415	9.048 166	68	9.050 894	68	0.949 106	9.997 272	1	585	
416	9.048 234	67	9.050 962	69	0.949 038	9.997 271	1	584	
417	9.048 301	67	9.051 031	68	0.948 969	9.997 270	0	583	
418	9.048 368	68	9.051 099	68	0.948 901	9.997 270	1	582	
419	9.048 436	67	9.051 167	68	0.948 833	9.997 269	1	581	
.420	9.048 503	68	9.051 235	69	0.948 765	9.997 268	1	.580	
421	9.048 571	67	9.051 304	68	0.948 696	9.997 267	1	579	
422	9.048 638	67	9.051 372	68	0.948 628	9.997 266	1	578	
423	9.048 705	68	9.051 440	68	0.948 560	9.997 265	0	577	
424	9.048 773	67	9.051 508	68	0.948 492	9.997 265	1	576	
425	9.048 840	67	9.051 576	68	0.948 424	9.997 264	1	575	
426	9.048 907	68	9.051 644	69	0.948 356	9.997 263	1	574	
427	9.048 975	67	9.051 713	68	0.948 287	9.997 262	1	573	
428	9.049 042	67	9.051 781	68	0.948 219	9.997 261	1	572	
429	9.049 109	67	9.051 849	68	0.948 151	9.997 260	1	571	
.430	9.049 176	68	9.051 917	68	0.948 083	9.997 259	0	.570	
431	9.049 244	67	9.051 985	68	0.948 015	9.997 259	1	569	
432	9.049 311	67	9.052 053	68	0.947 947	9.997 258	1	568	
433	9.049 378	67	9.052 121	68	0.947 879	9.997 257	1	567	
434	9.049 445	68	9.052 189	68	0.947 811	9.997 256	1	566	
435	9.049 513	67	9.052 257	68	0.947 743	9.997 255	1	565	
436	9.049 580	67	9.052 325	68	0.947 675	9.997 254	1	564	
437	9.049 647	67	9.052 393	69	0.947 607	9.997 253	0	563	
438	9.049 714	67	9.052 462	68	0.947 538	9.997 253	1	562	
439	9.049 781	67	9.052 530	68	0.947 470	9.997 252	1	561	
.440	9.049 848	68	9.052 598	68	0.947 402	9.997 251	1	.560	
441	9.049 916	67	9.052 666	68	0.947 334	9.997 250	1	559	
442	9.049 983	67	9.052 734	68	0.947 266	9.997 249	1	558	
443	9.050 050	67	9.052 802	67	0.947 198	9.997 248	1	557	
444	9.050 117	67	9.052 869	68	0.947 131	9.997 247	0	556	
445	9.050 184	67	9.052 937	68	0.947 063	9.997 247	1	555	
446	9.050 251	67	9.053 005	68	0.946 995	9.997 246	1	554	
447	9.050 318	67	9.053 073	68	0.946 927	9.997 245	1	553	
448	9.050 385	67	9.053 141	68	0.946 859	9.997 244	1	552	
449	9.050 452	67	9.053 209	68	0.946 791	9.997 243	1	551	
.450	9.050 519		9.053 277		0.946 723	9.997 242		.550	
	cos	d	cotg	d	tang	sin	d	83°	P.P.

	69
1	6.9
2	13.8
3	20.7
4	27.6
5	34.5
6	41.4
7	48.3
8	55.2
9	62.1

	68
1	6.8
2	13.6
3	20.4
4	27.2
5	34.0
6	40.8
7	47.6
8	54.4
9	61.2

	67
1	6.7
2	13.4
3	20.1
4	26.8
5	33.5
6	40.2
7	46.9
8	53.6
9	60.3

83°.600 — 83°.550

6°.450 — 6°.500

6°	sin	d	tang	d	cotg	cos	d		P.P.
.450	9.050 519	67	9.053 277	68	0.946 723	9.997 242	1	**.550**	
451	9.050 586	67	9.053 345	68	0.946 655	9.997 241	0	549	
452	9.050 653	67	9.053 413	68	0.946 587	9.997 241	1	548	
453	9.050 720	68	9.053 481	68	0.946 519	9.997 240	1	547	
454	9.050 788	67	9.053 549	68	0.946 451	9.997 239	1	546	
455	9.050 855	67	9.053 617	67	0.946 383	9.997 238	1	545	
456	9.050 922	66	9.053 684	68	0.946 316	9.997 237	1	544	
457	9.050 988	67	9.053 752	68	0.946 248	9.997 236	1	543	
458	9.051 055	67	9.053 820	68	0.946 180	9.997 235	0	542	
459	9.051 122	67	9.053 888	68	0.946 112	9.997 235	1	541	
.460	9.051 189	67	9.053 956	67	0.946 044	9.997 234	1	**.540**	
461	9.051 256	67	9.054 023	68	0.945 977	9.997 233	1	539	
462	9.051 323	67	9.054 091	68	0.945 909	9.997 232	1	538	
463	9.051 390	67	9.054 159	68	0.945 841	9.997 231	1	537	
464	9.051 457	67	9.054 227	68	0.945 773	9.997 230	1	536	
465	9.051 524	67	9.054 295	67	0.945 705	9.997 229	0	535	
466	9.051 591	67	9.054 362	68	0.945 638	9.997 229	1	534	
467	9.051 658	67	9.054 430	68	0.945 570	9.997 228	1	533	
468	9.051 725	66	9.054 498	67	0.945 502	9.997 227	1	532	
469	9.051 791	67	9.054 565	68	0.945 435	9.997 226	1	531	
.470	9.051 858	67	9.054 633	68	0.945 367	9.997 225	1	**.530**	
471	9.051 925	67	9.054 701	68	0.945 299	9.997 224	1	529	
472	9.051 992	67	9.054 769	67	0.945 231	9.997 223	0	528	
473	9.052 059	67	9.054 836	68	0.945 164	9.997 223	1	527	
474	9.052 126	66	9.054 904	68	0.945 096	9.997 222	1	526	
475	9.052 192	67	9.054 972	67	0.945 028	9.997 221	1	525	
476	9.052 259	67	9.055 039	68	0.944 961	9.997 220	1	524	
477	9.052 326	67	9.055 107	67	0.944 893	9.997 219	1	523	
478	9.052 393	66	9.055 174	68	0.944 826	9.997 218	1	522	
479	9.052 459	67	9.055 242	68	0.944 758	9.997 217	0	521	
.480	9.052 526	67	9.055 310	67	0.944 690	9.997 217	1	**.520**	
481	9.052 593	67	9.055 377	68	0.944 623	9.997 216	1	519	
482	9.052 660	66	9.055 445	67	0.944 555	9.997 215	1	518	
483	9.052 726	67	9.055 512	68	0.944 488	9.997 214	1	517	
484	9.052 793	67	9.055 580	67	0.944 420	9.997 213	1	516	
485	9.052 860	66	9.055 647	68	0.944 353	9.997 212	1	515	
486	9.052 926	67	9.055 715	68	0.944 285	9.997 211	1	514	
487	9.052 993	67	9.055 783	67	0.944 217	9.997 210	0	513	
488	9.053 060	66	9.055 850	68	0.944 150	9.997 210	1	512	
489	9.053 126	67	9.055 918	67	0.944 082	9.997 209	1	511	
.490	9.053 193	67	9.055 985	68	0.944 015	9.997 208	1	**.510**	
491	9.053 260	66	9.056 053	67	0.943 947	9.997 207	1	509	
492	9.053 326	67	9.056 120	67	0.943 880	9.997 206	1	508	
493	9.053 393	66	9.056 187	68	0.943 813	9.997 205	1	507	
494	9.053 459	67	9.056 255	67	0.943 745	9.997 204	0	506	
495	9.053 526	67	9.056 322	68	0.943 678	9.997 204	1	505	
496	9.053 593	66	9.056 390	67	0.943 610	9.997 203	1	504	
497	9.053 659	67	9.056 457	68	0.943 543	9.997 202	1	503	
498	9.053 726	66	9.056 525	67	0.943 475	9.997 201	1	502	
499	9.053 792	67	9.056 592	67	0.943 408	9.997 200	1	501	
.500	9.053 859		9.056 659		0.943 341	9.997 199		**.500**	
	cos	d	cotg	d	tang	sin	d	**83°**	P.P.

	68
1	6.8
2	13.6
3	20.4
4	27.2
5	34.0
6	40.8
7	47.6
8	54.4
9	61.2

	67
1	6.7
2	13.4
3	20.1
4	26.8
5	33.5
6	40.2
7	46.9
8	53.6
9	60.3

	66
1	6.6
2	13.2
3	19.8
4	26.4
5	33.0
6	39.6
7	46.2
8	52.8
9	59.4

83°.550 — 83°.500

6°.500 — 6°.550

6°	sin	d	tang	d	cotg	cos	d		P.P.
.500	9.053 859	66	9.056 659	68	0.943 341	9.997 199	1	.500	
501	9.053 925	67	9.056 727	67	0.943 273	9.997 198	0	499	
502	9.053 992	66	9.056 794	68	0.943 206	9.997 198	1	498	
503	9.054 058	67	9.056 862	67	0.943 138	9.997 197	1	497	
504	9.054 125	66	9.056 929	67	0.943 071	9.997 196	1	496	
505	9.054 191	67	9.056 996	68	0.943 004	9.997 195	1	495	
506	9.054 258	66	9.057 064	67	0.942 936	9.997 194	1	494	
507	9.054 324	67	9.057 131	67	0.942 869	9.997 193	1	493	
508	9.054 391	66	9.057 198	68	0.942 802	9.997 192	0	492	
509	9.054 457	67	9.057 266	67	0.942 734	9.997 192	1	491	
.510	9.054 524	66	9.057 333	67	0.942 667	9.997 191	1	.490	
511	9.054 590	66	9.057 400	67	0.942 600	9.997 190	1	489	
512	9.054 656	67	9.057 467	68	0.942 533	9.997 189	1	488	
513	9.054 723	66	9.057 535	67	0.942 465	9.997 188	1	487	
514	9.054 789	67	9.057 602	67	0.942 398	9.997 187	1	486	
515	9.054 856	66	9.057 669	67	0.942 331	9.997 186	1	485	
516	9.054 922	66	9.057 736	68	0.942 264	9.997 185	0	484	
517	9.054 988	67	9.057 804	67	0.942 196	9.997 185	1	483	
518	9.055 055	66	9.057 871	67	0.942 129	9.997 184	1	482	
519	9.055 121	66	9.057 938	67	0.942 062	9.997 183	1	481	
.520	9.055 187	67	9.058 005	67	0.941 995	9.997 182	1	.480	
521	9.055 254	66	9.058 072	68	0.941 928	9.997 181	1	479	
522	9.055 320	66	9.058 140	67	0.941 860	9.997 180	1	478	
523	9.055 386	66	9.058 207	67	0.941 793	9.997 179	0	477	
524	9.055 452	67	9.058 274	67	0.941 726	9.997 179	1	476	
525	9.055 519	66	9.058 341	67	0.941 659	9.997 178	1	475	
526	9.055 585	66	9.058 408	67	0.941 592	9.997 177	1	474	
527	9.055 651	66	9.058 475	67	0.941 525	9.997 176	1	473	
528	9.055 717	67	9.058 542	68	0.941 458	9.997 175	1	472	
529	9.055 784	66	9.058 610	67	0.941 390	9.997 174	1	471	
.530	9.055 850	66	9.058 677	67	0.941 323	9.997 173	1	.470	
531	9.055 916	66	9.058 744	67	0.941 256	9.997 172	0	469	
532	9.055 982	67	9.058 811	67	0.941 189	9.997 172	1	468	
533	9.056 049	66	9.058 878	67	0.941 122	9.997 171	1	467	
534	9.056 115	66	9.058 945	67	0.941 055	9.997 170	1	466	
535	9.056 181	66	9.059 012	67	0.940 988	9.997 169	1	465	
536	9.056 247	66	9.059 079	67	0.940 921	9.997 168	1	464	
537	9.056 313	66	9.059 146	67	0.940 854	9.997 167	1	463	
538	9.056 379	67	9.059 213	67	0.940 787	9.997 166	1	462	
539	9.056 446	66	9.059 280	67	0.940 720	9.997 165	1	461	
.540	9.056 512	66	9.059 347	67	0.940 653	9.997 165	0	.460	
541	9.056 578	66	9.059 414	67	0.940 586	9.997 164	1	459	
542	9.056 644	66	9.059 481	67	0.940 519	9.997 163	1	458	
543	9.056 710	66	9.059 548	67	0.940 452	9.997 162	1	457	
544	9.056 776	66	9.059 615	67	0.940 385	9.997 161	1	456	
545	9.056 842	66	9.059 682	67	0.940 318	9.997 160	1	455	
546	9.056 908	66	9.059 749	67	0.940 251	9.997 159	0	454	
547	9.056 974	66	9.059 816	67	0.940 184	9.997 159	1	453	
548	9.057 040	66	9.059 883	66	0.940 117	9.997 158	1	452	
549	9.057 106	66	9.059 949	67	0.940 051	9.997 157	1	451	
.550	9.057 172		9.060 016		0.939 984	9.997 156		.450	
	cos	d	cotg	d	tang	sin	d	83°	P.P.

	68
1	6.8
2	13.6
3	20.4
4	27.2
5	34.0
6	40.8
7	47.6
8	54.4
9	61.2

	67
1	6.7
2	13.4
3	20.1
4	26.8
5	33.5
6	40.2
7	46.9
8	53.6
9	60.3

	66
1	6.6
2	13.2
3	19.8
4	26.4
5	33.0
6	39.6
7	46.2
8	52.8
9	59.4

83°.500 — 83°.450

6°.550 — 6°.600

6°	sin	d	tang	d	cotg	cos	d		P.P.
.550	9.057 172	66	9.060 016	67	0.939 984	9.997 156	1	.450	
551	9.057 238	66	9.060 083	67	0.939 917	9.997 155	1	449	
552	9.057 304	66	9.060 150	67	0.939 850	9.997 154	1	448	
553	9.057 370	66	9.060 217	67	0.939 783	9.997 153	1	447	
554	9.057 436	66	9.060 284	67	0.939 716	9.997 152	0	446	
555	9.057 502	66	9.060 351	67	0.939 649	9.997 152	1	445	
556	9.057 568	66	9.060 418	66	0.939 582	9.997 151	1	444	
557	9.057 634	66	9.060 484	67	0.939 516	9.997 150	1	443	
558	9.057 700	66	9.060 551	67	0.939 449	9.997 149	1	442	
559	9.057 766	66	9.060 618	67	0.939 382	9.997 148	1	441	
.560	9.057 832	66	9.060 685	67	0.939 315	9.997 147	1	.440	
561	9.057 898	66	9.060 752	66	0.939 248	9.997 146	1	439	
562	9.057 964	66	9.060 818	67	0.939 182	9.997 145	0	438	
563	9.058 030	66	9.060 885	67	0.939 115	9.997 145	1	437	
564	9.058 096	65	9.060 952	67	0.939 048	9.997 144	1	436	
565	9.058 161	66	9.061 019	66	0.938 981	9.997 143	1	435	
566	9.058 227	66	9.061 085	67	0.938 915	9.997 142	1	434	
567	9.058 293	66	9.061 152	67	0.938 848	9.997 141	1	433	
568	9.058 359	66	9.061 219	66	0.938 781	9.997 140	1	432	
569	9.058 425	66	9.061 285	67	0.938 715	9.997 139	1	431	
.570	9.058 491	65	9.061 352	67	0.938 648	9.997 138	0	.430	
571	9.058 556	66	9.061 419	66	0.938 581	9.997 138	1	429	
572	9.058 622	66	9.061 485	67	0.938 515	9.997 137	1	428	
573	9.058 688	66	9.061 552	67	0.938 448	9.997 136	1	427	
574	9.058 754	66	9.061 619	66	0.938 381	9.997 135	1	426	
575	9.058 820	65	9.061 685	67	0.938 315	9.997 134	1	425	
576	9.058 885	66	9.061 752	67	0.938 248	9.997 133	1	424	
577	9.058 951	66	9.061 819	66	0.938 181	9.997 132	0	423	
578	9.059 017	65	9.061 885	67	0.938 115	9.997 132	1	422	
579	9.059 082	66	9.061 952	66	0.938 048	9.997 131	1	421	
.580	9.059 148	66	9.062 018	67	0.937 982	9.997 130	1	.420	
581	9.059 214	66	9.062 085	67	0.937 915	9.997 129	1	419	
582	9.059 280	65	9.062 152	66	0.937 848	9.997 128	1	418	
583	9.059 345	66	9.062 218	67	0.937 782	9.997 127	1	417	
584	9.059 411	66	9.062 285	66	0.937 715	9.997 126	1	416	
585	9.059 477	65	9.062 351	67	0.937 649	9.997 125	0	415	
586	9.059 542	66	9.062 418	66	0.937 582	9.997 125	1	414	
587	9.059 608	66	9.062 484	67	0.937 516	9.997 124	1	413	
588	9.059 674	65	9.062 551	66	0.937 449	9.997 123	1	412	
589	9.059 739	66	9.062 617	67	0.937 383	9.997 122	1	411	
.590	9.059 805	65	9.062 684	66	0.937 316	9.997 121	1	.410	
591	9.059 870	66	9.062 750	67	0.937 250	9.997 120	1	409	
592	9.059 936	66	9.062 817	66	0.937 183	9.997 119	1	408	
593	9.060 002	65	9.062 883	67	0.937 117	9.997 118	0	407	
594	9.060 067	66	9.062 950	66	0.937 050	9.997 118	1	406	
595	9.060 133	65	9.063 016	67	0.936 984	9.997 117	1	405	
596	9.060 198	66	9.063 083	66	0.936 917	9.997 116	1	404	
597	9.060 264	65	9.063 149	66	0.936 851	9.997 115	1	403	
598	9.060 329	66	9.063 215	67	0.936 785	9.997 114	1	402	
599	9.060 395	65	9.063 282	66	0.936 718	9.997 113	1	401	
.600	9.060 460		9.063 348		0.936 652	9.997 112		.400	
	cos	d	cotg	d	tang	sin	d	83°	P.P.

	67
1	6.7
2	13.4
3	20.1
4	26.8
5	33.5
6	40.2
7	46.9
8	53.6
9	60.3

	66
1	6.6
2	13.2
3	19.8
4	26.4
5	33.0
6	39.6
7	46.2
8	52.8
9	59.4

	65
1	6.5
2	13.0
3	19.5
4	26.0
5	32.5
6	39.0
7	45.5
8	52.0
9	58.5

83°.450 — 83°.400

6°.600 — 6°.650

6°	sin	d	tang	d	cotg	cos	d		P.P.
.600	9.060 460	66	9.063 348	67	0.936 652	9.997 112	1	**.400**	
601	9.060 526	65	9.063 415	66	0.936 585	9.997 111	1	399	
602	9.060 591	66	9.063 481	66	0.936 519	9.997 110	0	398	
603	9.060 657	65	9.063 547	67	0.936 453	9.997 110	1	397	
604	9.060 722	66	9.063 614	66	0.936 386	9.997 109	1	396	
605	9.060 788	65	9.063 680	66	0.936 320	9.997 108	1	395	
606	9.060 853	66	9.063 746	67	0.936 254	9.997 107	1	394	
607	9.060 919	65	9.063 813	66	0.936 187	9.997 106	1	393	
608	9.060 984	66	9.063 879	66	0.936 121	9.997 105	1	392	
609	9.061 050	65	9.063 945	67	0.936 055	9.997 104	1	391	
.610	9.061 115	65	9.064 012	66	0.935 988	9.997 103	0	**.390**	
611	9.061 180	66	9.064 078	66	0.935 922	9.997 103	1	389	
612	9.061 246	65	9.064 144	66	0.935 856	9.997 102	1	388	
613	9.061 311	66	9.064 210	67	0.935 790	9.997 101	1	387	
614	9.061 377	65	9.064 277	66	0.935 723	9.997 100	1	386	
615	9.061 442	65	9.064 343	66	0.935 657	9.997 099	1	385	
616	9.061 507	66	9.064 409	66	0.935 591	9.997 098	1	384	
617	9.061 573	65	9.064 475	67	0.935 525	9.997 097	1	383	
618	9.061 638	65	9.064 542	66	0.935 458	9.997 096	0	382	
619	9.061 703	66	9.064 608	66	0.935 392	9.997 096	1	381	
.620	9.061 769	65	9.064 674	66	0.935 326	9.997 095	1	**.380**	
621	9.061 834	65	9.064 740	66	0.935 260	9.997 094	1	379	
622	9.061 899	66	9.064 806	66	0.935 194	9.997 093	1	378	
623	9.061 965	65	9.064 872	67	0.935 128	9.997 092	1	377	
624	9.062 030	65	9.064 939	66	0.935 061	9.997 091	1	376	
625	9.062 095	65	9.065 005	66	0.934 995	9.997 090	1	375	
626	9.062 160	66	9.065 071	66	0.934 929	9.997 089	0	374	
627	9.062 226	65	9.065 137	66	0.934 863	9.997 089	1	373	
628	9.062 291	65	9.065 203	66	0.934 797	9.997 088	1	372	
629	9.062 356	65	9.065 269	66	0.934 731	9.997 087	1	371	
.630	9.062 421	65	9.065 335	66	0.934 665	9.997 086	1	**.370**	
631	9.062 486	66	9.065 401	67	0.934 599	9.997 085	1	369	
632	9.062 552	65	9.065 468	66	0.934 532	9.997 084	1	368	
633	9.062 617	65	9.065 534	66	0.934 466	9.997 083	1	367	
634	9.062 682	65	9.065 600	66	0.934 400	9.997 082	1	366	
635	9.062 747	65	9.065 666	66	0.934 334	9.997 081	0	365	
636	9.062 812	65	9.065 732	66	0.934 268	9.997 081	1	364	
637	9.062 877	66	9.065 798	66	0.934 202	9.997 080	1	363	
638	9.062 943	65	9.065 864	66	0.934 136	9.997 079	1	362	
639	9.063 008	65	9.065 930	66	0.934 070	9.997 078	1	361	
.640	9.063 073	65	9.065 996	66	0.934 004	9.997 077	1	**.360**	
641	9.063 138	65	9.066 062	66	0.933 938	9.997 076	1	359	
642	9.063 203	65	9.066 128	66	0.933 872	9.997 075	1	358	
643	9.063 268	65	9.066 194	66	0.933 806	9.997 074	0	357	
644	9.063 333	65	9.066 260	66	0.933 740	9.997 074	1	356	
645	9.063 398	65	9.066 326	66	0.933 674	9.997 073	1	355	
646	9.063 463	65	9.066 392	66	0.933 608	9.997 072	1	354	
647	9.063 528	65	9.066 458	65	0.933 542	9.997 071	1	353	
648	9.063 593	65	9.066 523	66	0.933 477	9.997 070	1	352	
649	9.063 658	65	9.066 589	66	0.933 411	9.997 069	1	351	
.650	9.063 724	66	9.066 655		0.933 345	9.997 068		**.350**	
	cos	d	cotg	d	tang	sin	d	**83°**	P.P.

	67
1	6.7
2	13.4
3	20.1
4	26.8
5	33.5
6	40.2
7	46.9
8	53.6
9	60.3

	66
1	6.6
2	13.2
3	19.8
4	26.4
5	33.0
6	39.6
7	46.2
8	52.8
9	59.4

	65
1	6.5
2	13.0
3	19.5
4	26.0
5	32.5
6	39.0
7	45.5
8	52.0
9	58.5

83°.400 — 83°.350

6°.650 — 6°.700

6°	sin	d	tang	d	cotg	cos	d		P.P.
.650	9.063 724	65	9.066 655	66	0.933 345	9.997 068	1	**.350**	
651	9.063 789	65	9.066 721	66	0.933 279	9.997 067	1	349	
652	9.063 854	65	9.066 787	66	0.933 213	9.997 066	0	348	
653	9.063 919	64	9.066 853	66	0.933 147	9.997 066	1	347	
654	9.063 983	65	9.066 919	66	0.933 081	9.997 065	1	346	
655	9.064 048	65	9.066 985	65	0.933 015	9.997 064	1	345	
656	9.064 113	65	9.067 050	66	0.932 950	9.997 063	1	344	
657	9.064 178	65	9.067 116	66	0.932 884	9.997 062	1	343	
658	9.064 243	65	9.067 182	66	0.932 818	9.997 061	1	342	
659	9.064 308	65	9.067 248	66	0.932 752	9.997 060	1	341	
.660	9.064 373	65	9.067 314	66	0.932 686	9.997 059	0	**.340**	
661	9.064 438	65	9.067 380	65	0.932 620	9.997 059	1	339	
662	9.064 503	65	9.067 445	66	0.932 555	9.997 058	1	338	
663	9.064 568	65	9.067 511	66	0.932 489	9.997 057	1	337	
664	9.064 633	65	9.067 577	66	0.932 423	9.997 056	1	336	
665	9.064 698	64	9.067 643	65	0.932 357	9.997 055	1	335	
666	9.064 762	65	9.067 708	66	0.932 292	9.997 054	1	334	
667	9.064 827	65	9.067 774	66	0.932 226	9.997 053	1	333	
668	9.064 892	65	9.067 840	66	0.932 160	9.997 052	1	332	
669	9.064 957	65	9.067 906	65	0.932 094	9.997 051	0	331	
.670	9.065 022	65	9.067 971	66	0.932 029	9.997 051	1	**.330**	
671	9.065 087	64	9.068 037	66	0.931 963	9.997 050	1	329	
672	9.065 151	65	9.068 103	65	0.931 897	9.997 049	1	328	
673	9.065 216	65	9.068 168	66	0.931 832	9.997 048	1	327	
674	9.065 281	65	9.068 234	66	0.931 766	9.997 047	1	326	
675	9.065 346	65	9.068 300	65	0.931 700	9.997 046	1	325	
676	9.065 411	64	9.068 365	66	0.931 635	9.997 045	1	324	
677	9.065 475	65	9.068 431	66	0.931 569	9.997 044	1	323	
678	9.065 540	65	9.068 497	65	0.931 503	9.997 043	1	322	
679	9.065 605	65	9.068 562	66	0.931 438	9.997 043	0	321	
.680	9.065 670	64	9.068 628	65	0.931 372	9.997 042	1	**.320**	
681	9.065 734	65	9.068 693	66	0.931 307	9.997 041	1	319	
682	9.065 799	65	9.068 759	66	0.931 241	9.997 040	1	318	
683	9.065 864	64	9.068 825	65	0.931 175	9.997 039	1	317	
684	9.065 928	65	9.068 890	66	0.931 110	9.997 038	1	316	
685	9.065 993	65	9.068 956	65	0.931 044	9.997 037	1	315	
686	9.066 058	64	9.069 021	66	0.930 979	9.997 036	1	314	
687	9.066 122	65	9.069 087	65	0.930 913	9.997 035	0	313	
688	9.066 187	65	9.069 152	66	0.930 848	9.997 035	1	312	
689	9.066 252	64	9.069 218	65	0.930 782	9.997 034	1	311	
.690	9.066 316	65	9.069 283	66	0.930 717	9.997 033	1	**.310**	
691	9.066 381	64	9.069 349	65	0.930 651	9.997 032	1	309	
692	9.066 445	65	9.069 414	66	0.930 586	9.997 031	1	308	
693	9.066 510	65	9.069 480	65	0.930 520	9.997 030	1	307	
694	9.066 575	64	9.069 545	66	0.930 455	9.997 029	1	306	
695	9.066 639	65	9.069 611	65	0.930 389	9.997 028	1	305	
696	9.066 704	64	9.069 676	66	0.930 324	9.997 027	0	304	
697	9.066 768	65	9.069 742	65	0.930 258	9.997 027	1	303	
698	9.066 833	64	9.069 807	66	0.930 193	9.997 026	1	302	
699	9.066 897	65	9.069 873	65	0.930 127	9.997 025	1	301	
.700	9.066 962		9.069 938		0.930 062	9.997 024		**.300**	
	cos	d	cotg	d	tang	sin	d	**83°**	P.P.

	66
1	6.6
2	13.2
3	19.8
4	26.4
5	33.0
6	39.6
7	46.2
8	52.8
9	59.4

	65
1	6.5
2	13.0
3	19.5
4	26.0
5	32.5
6	39.0
7	45.5
8	52.0
9	58.5

	64
1	6.4
2	12.8
3	19.2
4	25.6
5	32.0
6	38.4
7	44.8
8	51.2
9	57.6

83°.350 — 83°.300

6°.700 — 6°.750

6°	sin	d	tang	d	cotg	cos	d		P.P.
.700	9.066 962	64	9.069 938	65	0.930 062	9.997 024	1	.300	
701	9.067 026	65	9.070 003	66	0.929 997	9.997 023	1	299	
702	9.067 091	64	9.070 069	65	0.929 931	9.997 022	1	298	
703	9.067 155	65	9.070 134	66	0.929 866	9.997 021	1	297	
704	9.067 220	64	9.070 200	65	0.929 800	9.997 020	1	296	
705	9.067 284	65	9.070 265	65	0.929 735	9.997 019	0	295	
706	9.067 349	64	9.070 330	66	0.929 670	9.997 019	1	294	
707	9.067 413	65	9.070 396	65	0.929 604	9.997 018	1	293	
708	9.067 478	64	9.070 461	65	0.929 539	9.997 017	1	292	
709	9.067 542	65	9.070 526	66	0.929 474	9.997 016	1	291	
.710	9.067 607	64	9.070 592	65	0.929 408	9.997 015	1	.290	
711	9.067 671	65	9.070 657	65	0.929 343	9.997 014	1	289	
712	9.067 736	64	9.070 722	66	0.929 278	9.997 013	1	288	
713	9.067 800	64	9.070 788	65	0.929 212	9.997 012	1	287	
714	9.067 864	65	9.070 853	65	0.929 147	9.997 011	0	286	
715	9.067 929	64	9.070 918	65	0.929 082	9.997 011	1	285	
716	9.067 993	64	9.070 983	66	0.929 017	9.997 010	1	284	
717	9.068 057	65	9.071 049	65	0.928 951	9.997 009	1	283	
718	9.068 122	64	9.071 114	65	0.928 886	9.997 008	1	282	
719	9.068 186	64	9.071 179	65	0.928 821	9.997 007	1	281	
.720	9.068 250	65	9.071 244	66	0.928 756	9.997 006	1	.280	
721	9.068 315	64	9.071 310	65	0.928 690	9.997 005	1	279	
722	9.068 379	64	9.071 375	65	0.928 625	9.997 004	1	278	
723	9.068 443	65	9.071 440	65	0.928 560	9.997 003	1	277	
724	9.068 508	64	9.071 505	65	0.928 495	9.997 002	0	276	
725	9.068 572	64	9.071 570	66	0.928 430	9.997 002	1	275	
726	9.068 636	65	9.071 636	65	0.928 364	9.997 001	1	274	
727	9.068 701	64	9.071 701	65	0.928 299	9.997 000	1	273	
728	9.068 765	64	9.071 766	65	0.928 234	9.996 999	1	272	
729	9.068 829	64	9.071 831	65	0.928 169	9.996 998	1	271	
.730	9.068 893	65	9.071 896	65	0.928 104	9.996 997	1	.270	
731	9.068 958	64	9.071 961	65	0.928 039	9.996 996	1	269	
732	9.069 022	64	9.072 026	66	0.927 974	9.996 995	1	268	
733	9.069 086	64	9.072 092	65	0.927 908	9.996 994	0	267	
734	9.069 150	64	9.072 157	65	0.927 843	9.996 994	1	266	
735	9.069 214	65	9.072 222	65	0.927 778	9.996 993	1	265	
736	9.069 279	64	9.072 287	65	0.927 713	9.996 992	1	264	
737	9.069 343	64	9.072 352	65	0.927 648	9.996 991	1	263	
738	9.069 407	64	9.072 417	65	0.927 583	9.996 990	1	262	
739	9.069 471	64	9.072 482	65	0.927 518	9.996 989	1	261	
.740	9.069 535	64	9.072 547	65	0.927 453	9.996 988	1	.260	
741	9.069 599	64	9.072 612	65	0.927 388	9.996 987	1	259	
742	9.069 663	65	9.072 677	65	0.927 323	9.996 986	1	258	
743	9.069 728	64	9.072 742	65	0.927 258	9.996 985	0	257	
744	9.069 792	64	9.072 807	65	0.927 193	9.996 985	1	256	
745	9.069 856	64	9.072 872	65	0.927 128	9.996 984	1	255	
746	9.069 920	64	9.072 937	65	0.927 063	9.996 983	1	254	
747	9.069 984	64	9.073 002	65	0.926 998	9.996 982	1	253	
748	9.070 048	64	9.073 067	65	0.926 933	9.996 981	1	252	
749	9.070 112	64	9.073 132	65	0.926 868	9.996 980	1	251	
.750	9.070 176		9.073 197		0.926 803	9.996 979		.250	
	cos	d	cotg	d	tang	sin	d	83°	P.P.

	66
1	6.6
2	13.2
3	19.8
4	26.4
5	33.0
6	39.6
7	46.2
8	52.8
9	59.4

	65
1	6.5
2	13.0
3	19.5
4	26.0
5	32.5
6	39.0
7	45.5
8	52.0
9	58.5

	64
1	6.4
2	12.8
3	19.2
4	25.6
5	32.0
6	38.4
7	44.8
8	51.2
9	57.6

83°.300 — 83°.250

6°.750 — 6°.800

6°	sin	d	tang	d	cotg	cos	d		P.P.
.750	9.070 176	64	9.073 197	65	0.926 803	9.996 979	1	**.250**	
751	9.070 240	64	9.073 262	65	0.926 738	9.996 978	1	249	
752	9.070 304	64	9.073 327	65	0.926 673	9.996 977	1	248	
753	9.070 368	64	9.073 392	65	0.926 608	9.996 976	0	247	
754	9.070 432	64	9.073 457	64	0.926 543	9.996 976	1	246	
755	9.070 496	64	9.073 521	65	0.926 479	9.996 975	1	245	
756	9.070 560	64	9.073 586	65	0.926 414	9.996 974	1	244	
757	9.070 624	64	9.073 651	65	0.926 349	9.996 973	1	243	
758	9.070 688	64	9.073 716	65	0.926 284	9.996 972	1	242	
759	9.070 752	64	9.073 781	65	0.926 219	9.996 971	1	241	
.760	9.070 816	64	9.073 846	65	0.926 154	9.996 970	1	**.240**	
761	9.070 880	64	9.073 911	64	0.926 089	9.996 969	1	239	
762	9.070 944	64	9.073 975	65	0.926 025	9.996 968	0	238	
763	9.071 008	64	9.074 040	65	0.925 960	9.996 968	1	237	
764	9.071 072	64	9.074 105	65	0.925 895	9.996 967	1	236	
765	9.071 136	64	9.074 170	65	0.925 830	9.996 966	1	235	
766	9.071 200	63	9.074 235	64	0.925 765	9.996 965	1	234	
767	9.071 263	64	9.074 299	65	0.925 701	9.996 964	1	233	
768	9.071 327	64	9.074 364	65	0.925 636	9.996 963	1	232	
769	9.071 391	64	9.074 429	65	0.925 571	9.996 962	1	231	
.770	9.071 455	64	9.074 494	65	0.925 506	9.996 961	1	**.230**	
771	9.071 519	64	9.074 559	64	0.925 441	9.996 960	1	229	
772	9.071 583	64	9.074 623	65	0.925 377	9.996 959	1	228	
773	9.071 647	63	9.074 688	65	0.925 312	9.996 959	0	227	
774	9.071 710	64	9.074 753	64	0.925 247	9.996 958	1	226	
775	9.071 774	64	9.074 817	65	0.925 183	9.996 957	1	225	
776	9.071 838	64	9.074 882	65	0.925 118	9.996 956	1	224	
777	9.071 902	64	9.074 947	64	0.925 053	9.996 955	1	223	
778	9.071 966	63	9.075 011	65	0.924 989	9.996 954	1	222	
779	9.072 029	64	9.075 076	65	0.924 924	9.996 953	1	221	
.780	9.072 093	64	9.075 141	64	0.924 859	9.996 952	1	**.220**	
781	9.072 157	64	9.075 205	65	0.924 795	9.996 951	1	219	
782	9.072 221	63	9.075 270	65	0.924 730	9.996 950	0	218	
783	9.072 284	64	9.075 335	64	0.924 665	9.996 950	1	217	
784	9.072 348	64	9.075 399	65	0.924 601	9.996 949	1	216	
785	9.072 412	63	9.075 464	65	0.924 536	9.996 948	1	215	
786	9.072 475	64	9.075 529	64	0.924 471	9.996 947	1	214	
787	9.072 539	64	9.075 593	65	0.924 407	9.996 946	1	213	
788	9.072 603	63	9.075 658	64	0.924 342	9.996 945	1	212	
789	9.072 666	64	9.075 722	65	0.924 278	9.996 944	1	211	
.790	9.072 730	64	9.075 787	64	0.924 213	9.996 943	1	**.210**	
791	9.072 794	63	9.075 851	65	0.924 149	9.996 942	1	209	
792	9.072 857	64	9.075 916	65	0.924 084	9.996 941	1	208	
793	9.072 921	64	9.075 981	64	0.924 019	9.996 940	0	207	
794	9.072 985	63	9.076 045	65	0.923 955	9.996 940	1	206	
795	9.073 048	64	9.076 110	64	0.923 890	9.996 939	1	205	
796	9.073 112	64	9.076 174	65	0.923 826	9.996 938	1	204	
797	9.073 176	63	9.076 239	64	0.923 761	9.996 937	1	203	
798	9.073 239	64	9.076 303	65	0.923 697	9.996 936	1	202	
799	9.073 303	63	9.076 368	64	0.923 632	9.996 935	1	201	
.800	9.073 366		9.076 432		0.923 568	9.996 934		**.200**	
	cos	d	cotg	d	tang	sin	d	**83°**	P.P.

	65
1	6.5
2	13.0
3	19.5
4	26.0
5	32.5
6	39.0
7	45.5
8	52.0
9	58.5

	64
1	6.4
2	12.8
3	19.2
4	25.6
5	32.0
6	38.4
7	44.8
8	51.2
9	57.6

	63
1	6.3
2	12.6
3	18.9
4	25.2
5	31.5
6	37.8
7	44.1
8	50.4
9	56.7

83°.250 — 83°.200

6°.800 — 6°.850

6°	sin	d	tang	d	cotg	cos	d		P.P.
.800	9.073 366	64	9.076 432	65	0.923 568	9.996 934	1	**.200**	
801	9.073 430	63	9.076 497	64	0.923 503	9.996 933	1	199	
802	9.073 493	64	9.076 561	64	0.923 439	9.996 932	1	198	
803	9.073 557	63	9.076 625	65	0.923 375	9.996 931	0	197	
804	9.073 620	64	9.076 690	64	0.923 310	9.996 931	1	196	
805	9.073 684	63	9.076 754	65	0.923 246	9.996 930	1	195	
806	9.073 747	64	9.076 819	64	0.923 181	9.996 929	1	194	
807	9.073 811	63	9.076 883	65	0.923 117	9.996 928	1	193	
808	9.073 874	64	9.076 948	64	0.923 052	9.996 927	1	192	
809	9.073 938	63	9.077 012	64	0.922 988	9.996 926	1	191	
.810	9.074 001	64	9.077 076	65	0.922 924	9.996 925	1	**.190**	
811	9.074 065	63	9.077 141	64	0.922 859	9.996 924	1	189	
812	9.074 128	64	9.077 205	64	0.922 795	9.996 923	1	188	
813	9.074 192	63	9.077 269	65	0.922 731	9.996 922	1	187	
814	9.074 255	64	9.077 334	64	0.922 666	9.996 921	0	186	
815	9.074 319	63	9.077 398	64	0.922 602	9.996 921	1	185	
816	9.074 382	64	9.077 462	65	0.922 538	9.996 920	1	184	
817	9.074 446	63	9.077 527	64	0.922 473	9.996 919	1	183	
818	9.074 509	63	9.077 591	64	0.922 409	9.996 918	1	182	
819	9.074 572	64	9.077 655	65	0.922 345	9.996 917	1	181	
.820	9.074 636	63	9.077 720	64	0.922 280	9.996 916	1	**.180**	
821	9.074 699	63	9.077 784	64	0.922 216	9.996 915	1	179	
822	9.074 762	64	9.077 848	64	0.922 152	9.996 914	1	178	
823	9.074 826	63	9.077 912	65	0.922 088	9.996 913	1	177	
824	9.074 889	63	9.077 977	64	0.922 023	9.996 912	0	176	
825	9.074 952	64	9.078 041	64	0.921 959	9.996 912	1	175	
826	9.075 016	63	9.078 105	64	0.921 895	9.996 911	1	174	
827	9.075 079	63	9.078 169	65	0.921 831	9.996 910	1	173	
828	9.075 142	64	9.078 234	64	0.921 766	9.996 909	1	172	
829	9.075 206	63	9.078 298	64	0.921 702	9.996 908	1	171	
.830	9.075 269	63	9.078 362	64	0.921 638	9.996 907	1	**.170**	
831	9.075 332	64	9.078 426	64	0.921 574	9.996 906	1	169	
832	9.075 396	63	9.078 490	65	0.921 510	9.996 905	1	168	
833	9.075 459	63	9.078 555	64	0.921 445	9.996 904	1	167	
834	9.075 522	63	9.078 619	64	0.921 381	9.996 903	1	166	
835	9.075 585	64	9.078 683	64	0.921 317	9.996 902	0	165	
836	9.075 649	63	9.078 747	64	0.921 253	9.996 902	1	164	
837	9.075 712	63	9.078 811	64	0.921 189	9.996 901	1	163	
838	9.075 775	63	9.078 875	64	0.921 125	9.996 900	1	162	
839	9.075 838	63	9.078 939	65	0.921 061	9.996 899	1	161	
.840	9.075 901	64	9.079 004	64	0.920 996	9.996 898	1	**.160**	
841	9.075 965	63	9.079 068	64	0.920 932	9.996 897	1	159	
842	9.076 028	63	9.079 132	64	0.920 868	9.996 896	1	158	
843	9.076 091	63	9.079 196	64	0.920 804	9.996 895	1	157	
844	9.076 154	63	9.079 260	64	0.920 740	9.996 894	1	156	
845	9.076 217	63	9.079 324	64	0.920 676	9.996 893	1	155	
846	9.076 280	64	9.079 388	64	0.920 612	9.996 892	0	154	
847	9.076 344	63	9.079 452	64	0.920 548	9.996 892	1	153	
848	9.076 407	63	9.079 516	64	0.920 484	9.996 891	1	152	
849	9.076 470	63	9.079 580	64	0.920 420	9.996 890	1	151	
.850	9.076 533		9.079 644		0.920 356	9.996 889		**.150**	
	cos	d	cotg	d	tang	sin	d	**83°**	P.P.

	65
1	6.5
2	13.0
3	19.5
4	26.0
5	32.5
6	39.0
7	45.5
8	52.0
9	58.5

	64
1	6.4
2	12.8
3	19.2
4	25.6
5	32.0
6	38.4
7	44.8
8	51.2
9	57.6

	63
1	6.3
2	12.6
3	18.9
4	25.2
5	31.5
6	37.8
7	44.1
8	50.4
9	56.7

83°.200 — 83°.150

6°.850 — 6°.900

6°	sin	d	tang	d	cotg	cos	d		P.P.
.850	9.076 533	63	9.079 644	64	0.920 356	9.996 889	1	**.150**	
851	9.076 596	63	9.079 708	64	0.920 292	9.996 888	1	149	
852	9.076 659	63	9.079 772	64	0.920 228	9.996 887	1	148	
853	9.076 722	63	9.079 836	64	0.920 164	9.996 886	1	147	
854	9.076 785	63	9.079 900	64	0.920 100	9.996 885	1	146	
855	9.076 848	63	9.079 964	64	0.920 036	9.996 884	1	145	
856	9.076 911	63	9.080 028	64	0.919 972	9.996 883	1	144	
857	9.076 974	63	9.080 092	64	0.919 908	9.996 882	1	143	64
858	9.077 037	63	9.080 156	64	0.919 844	9.996 882	0	142	1 6.4
859	9.077 100	63	9.080 220	64	0.919 780	9.996 881	1	141	2 12.8
.860	9.077 163	63	9.080 284	64	0.919 716	9.996 880	1	**.140**	3 19.2
861	9.077 226	63	9.080 348	63	0.919 652	9.996 879	1	139	4 25.6
862	9.077 289	63	9.080 411	64	0.919 589	9.996 878	1	138	5 32.0
863	9.077 352	63	9.080 475	64	0.919 525	9.996 877	1	137	6 38.4
864	9.077 415	63	9.080 539	64	0.919 461	9.996 876	1	136	7 44.8
865	9.077 478	63	9.080 603	64	0.919 397	9.996 875	1	135	8 51.2
866	9.077 541	63	9.080 667	64	0.919 333	9.996 874	1	134	9 57.6
867	9.077 604	63	9.080 731	64	0.919 269	9.996 873	1	133	
868	9.077 667	63	9.080 795	64	0.919 205	9.996 872	1	132	
869	9.077 730	63	9.080 859	63	0.919 141	9.996 871	1	131	
.870	9.077 793	63	9.080 922	64	0.919 078	9.996 871	0	**.130**	
871	9.077 856	63	9.080 986	64	0.919 014	9.996 870	1	129	63
872	9.077 919	63	9.081 050	64	0.918 950	9.996 869	1	128	1 6.3
873	9.077 982	63	9.081 114	64	0.918 886	9.996 868	1	127	2 12.6
874	9.078 045	62	9.081 178	63	0.918 822	9.996 867	1	126	3 18.9
875	9.078 107	63	9.081 241	64	0.918 759	9.996 866	1	125	4 25.2
876	9.078 170	63	9.081 305	64	0.918 695	9.996 865	1	124	5 31.5
877	9.078 233	63	9.081 369	64	0.918 631	9.996 864	1	123	6 37.8
878	9.078 296	63	9.081 433	64	0.918 567	9.996 863	1	122	7 44.1
879	9.078 359	63	9.081 496	63	0.918 504	9.996 862	1	121	8 50.4
.880	9.078 422	63	9.081 560	64	0.918 440	9.996 861	1	**.120**	9 56.7
881	9.078 484	62	9.081 624	64	0.918 376	9.996 861	0	119	
882	9.078 547	63	9.081 688	64	0.918 312	9.996 860	1	118	
883	9.078 610	63	9.081 751	63	0.918 249	9.996 859	1	117	
884	9.078 673	63	9.081 815	64	0.918 185	9.996 858	1	116	
885	9.078 736	63	9.081 879	64	0.918 121	9.996 857	1	115	
886	9.078 798	62	9.081 942	63	0.918 058	9.996 856	1	114	62
887	9.078 861	63	9.082 006	64	0.917 994	9.996 855	1	113	1 6.2
888	9.078 924	63	9.082 070	64	0.917 930	9.996 854	1	112	2 12.4
889	9.078 987	63	9.082 133	63	0.917 867	9.996 853	1	111	3 18.6
.890	9.079 049	62	9.082 197	64	0.917 803	9.996 852	1	**.110**	4 24.8
891	9.079 112	63	9.082 261	64	0.917 739	9.996 851	1	109	5 31.0
892	9.079 175	63	9.082 324	63	0.917 676	9.996 850	1	108	6 37.2
893	9.079 238	63	9.082 388	64	0.917 612	9.996 850	0	107	7 43.4
894	9.079 300	62	9.082 452	64	0.917 548	9.996 849	1	106	8 49.6
895	9.079 363	63	9.082 515	63	0.917 485	9.996 848	1	105	9 55.8
896	9.079 426	63	9.082 579	64	0.917 421	9.996 847	1	104	
897	9.079 488	62	9.082 642	63	0.917 358	9.996 846	1	103	
898	9.079 551	63	9.082 706	64	0.917 294	9.996 845	1	102	
899	9.079 614	63	9.082 770	64	0.917 230	9.996 844	1	101	
.900	9.079 676	62	9.082 833	63	0.917 167	9.996 843	1	**.100**	
	cos	d	cotg	d	tang	sin	d	**83°**	P.P.

83°.150 — 83°.100

6°.900 — 6°.950

6°	sin	d	tang	d	cotg	cos	d		P.P.
.900	9.079 676	63	9.082 833	64	0.917 167	9.996 843	1	**.100**	
901	9.079 739	62	9.082 897	63	0.917 103	9.996 842	1	099	
902	9.079 801	63	9.082 960	64	0.917 040	9.996 841	1	098	
903	9.079 864	63	9.083 024	63	0.916 976	9.996 840	1	097	
904	9.079 927	62	9.083 087	64	0.916 913	9.996 839	0	096	
905	9.079 989	63	9.083 151	63	0.916 849	9.996 839	1	095	
906	9.080 052	62	9.083 214	64	0.916 786	9.996 838	1	094	
907	9.080 114	63	9.083 278	63	0.916 722	9.996 837	1	093	
908	9.080 177	63	9.083 341	64	0.916 659	9.996 836	1	092	
909	9.080 240	62	9.083 405	63	0.916 595	9.996 835	1	091	
.910	9.080 302	63	9.083 468	64	0.916 532	9.996 834	1	**.090**	
911	9.080 365	62	9.083 532	63	0.916 468	9.996 833	1	089	
912	9.080 427	63	9.083 595	64	0.916 405	9.996 832	1	088	
913	9.080 490	62	9.083 659	63	0.916 341	9.996 831	1	087	
914	9.080 552	63	9.083 722	63	0.916 278	9.996 830	1	086	
915	9.080 615	62	9.083 785	64	0.916 215	9.996 829	1	085	
916	9.080 677	63	9.083 849	63	0.916 151	9.996 828	1	084	
917	9.080 740	62	9.083 912	64	0.916 088	9.996 827	1	083	
918	9.080 802	63	9.083 976	63	0.916 024	9.996 827	0	082	
919	9.080 865	62	9.084 039	63	0.915 961	9.996 826	1	081	
.920	9.080 927	63	9.084 102	64	0.915 898	9.996 825	1	**.080**	
921	9.080 990	62	9.084 166	63	0.915 834	9.996 824	1	079	
922	9.081 052	62	9.084 229	63	0.915 771	9.996 823	1	078	
923	9.081 114	63	9.084 292	64	0.915 708	9.996 822	1	077	
924	9.081 177	62	9.084 356	63	0.915 644	9.996 821	1	076	
925	9.081 239	63	9.084 419	63	0.915 581	9.996 820	1	075	
926	9.081 302	62	9.084 482	64	0.915 518	9.996 819	1	074	
927	9.081 364	62	9.084 546	63	0.915 454	9.996 818	1	073	
928	9.081 426	63	9.084 609	63	0.915 391	9.996 817	1	072	
929	9.081 489	62	9.084 672	64	0.915 328	9.996 816	1	071	
.930	9.081 551	63	9.084 736	63	0.915 264	9.996 816	0	**.070**	
931	9.081 614	62	9.084 799	63	0.915 201	9.996 815	1	069	
932	9.081 676	62	9.084 862	63	0.915 138	9.996 814	1	068	
933	9.081 738	63	9.084 925	64	0.915 075	9.996 813	1	067	
934	9.081 801	62	9.084 989	63	0.915 011	9.996 812	1	066	
935	9.081 863	62	9.085 052	63	0.914 948	9.996 811	1	065	
936	9.081 925	63	9.085 115	63	0.914 885	9.996 810	1	064	
937	9.081 988	62	9.085 178	64	0.914 822	9.996 809	1	063	
938	9.082 050	62	9.085 242	63	0.914 758	9.996 808	1	062	
939	9.082 112	62	9.085 305	63	0.914 695	9.996 807	1	061	
.940	9.082 174	63	9.085 368	63	0.914 632	9.996 806	1	**.060**	
941	9.082 237	62	9.085 431	63	0.914 569	9.996 805	1	059	
942	9.082 299	62	9.085 494	64	0.914 506	9.996 804	0	058	
943	9.082 361	62	9.085 558	63	0.914 442	9.996 804	1	057	
944	9.082 423	63	9.085 621	63	0.914 379	9.996 803	1	056	
945	9.082 486	62	9.085 684	63	0.914 316	9.996 802	1	055	
946	9.082 548	62	9.085 747	63	0.914 253	9.996 801	1	054	
947	9.082 610	62	9.085 810	63	0.914 190	9.996 800	1	053	
948	9.082 672	62	9.085 873	63	0.914 127	9.996 799	1	052	
949	9.082 734	63	9.085 936	64	0.914 064	9.996 798	1	051	
.950	9.082 797		9.086 000		0.914 000	9.996 797		**.050**	
	cos	d	cotg	d	tang	sin	d	**83°**	P.P.

	64
1	6.4
2	12.8
3	19.2
4	25.6
5	32.0
6	38.4
7	44.8
8	51.2
9	57.6

	63
1	6.3
2	12.6
3	18.9
4	25.2
5	31.5
6	37.8
7	44.1
8	50.4
9	56.7

	62
1	6.2
2	12.4
3	18.6
4	24.8
5	31.0
6	37.2
7	43.4
8	49.6
9	55.8

83°.100 — 83°.050

6°.950 — 7°.000

6°	sin	d	tang	d	cotg	cos	d		P.P.
.950	9.082 797	62	9.086 000	63	0.914 000	9.996 797	1	**.050**	
951	9.082 859	62	9.086 063	63	0.913 937	9.996 796	1	049	
952	9.082 921	62	9.086 126	63	0.913 874	9.996 795	1	048	
953	9.082 983	62	9.086 189	63	0.913 811	9.996 794	1	047	
954	9.083 045	62	9.086 252	63	0.913 748	9.996 793	1	046	
955	9.083 107	63	9.086 315	63	0.913 685	9.996 792	0	045	
956	9.083 170	62	9.086 378	63	0.913 622	9.996 792	1	044	
957	9.083 232	62	9.086 441	63	0.913 559	9.996 791	1	043	
958	9.083 294	62	9.086 504	63	0.913 496	9.996 790	1	042	
959	9.083 356	62	9.086 567	63	0.913 433	9.996 789	1	041	
.960	9.083 418	62	9.086 630	63	0.913 370	9.996 788	1	**.040**	
961	9.083 480	62	9.086 693	63	0.913 307	9.996 787	1	039	
962	9.083 542	62	9.086 756	63	0.913 244	9.996 786	1	038	
963	9.083 604	62	9.086 819	63	0.913 181	9.996 785	1	037	
964	9.083 666	62	9.086 882	63	0.913 118	9.996 784	1	036	
965	9.083 728	62	9.086 945	63	0.913 055	9.996 783	1	035	
966	9.083 790	62	9.087 008	63	0.912 992	9.996 782	1	034	
967	9.083 852	62	9.087 071	63	0.912 929	9.996 781	1	033	
968	9.083 914	62	9.087 134	63	0.912 866	9.996 780	1	032	
969	9.083 976	62	9.087 197	63	0.912 803	9.996 779	1	031	
.970	9.084 038	62	9.087 260	63	0.912 740	9.996 779	0	**.030**	
971	9.084 100	62	9.087 323	63	0.912 677	9.996 778	1	029	
972	9.084 162	62	9.087 386	63	0.912 614	9.996 777	1	028	
973	9.084 224	62	9.087 449	63	0.912 551	9.996 776	1	027	
974	9.084 286	62	9.087 512	62	0.912 488	9.996 775	1	026	
975	9.084 348	62	9.087 574	63	0.912 426	9.996 774	1	025	
976	9.084 410	62	9.087 637	63	0.912 363	9.996 773	1	024	
977	9.084 472	62	9.087 700	63	0.912 300	9.996 772	1	023	
978	9.084 534	62	9.087 763	63	0.912 237	9.996 771	1	022	
979	9.084 596	62	9.087 826	63	0.912 174	9.996 770	1	021	
.980	9.084 658	62	9.087 889	63	0.912 111	9.996 769	1	**.020**	
981	9.084 720	62	9.087 952	62	0.912 048	9.996 768	1	019	
982	9.084 782	62	9.088 014	63	0.911 986	9.996 767	0	018	
983	9.084 844	62	9.088 077	63	0.911 923	9.996 767	1	017	
984	9.084 906	61	9.088 140	63	0.911 860	9.996 766	1	016	
985	9.084 967	62	9.088 203	63	0.911 797	9.996 765	1	015	
986	9.085 029	62	9.088 266	62	0.911 734	9.996 764	1	014	
987	9.085 091	62	9.088 328	63	0.911 672	9.996 763	1	013	
988	9.085 153	62	9.088 391	63	0.911 609	9.996 762	1	012	
989	9.085 215	62	9.088 454	63	0.911 546	9.996 761	1	011	
.990	9.085 277	62	9.088 517	62	0.911 483	9.996 760	1	**.010**	
991	9.085 339	61	9.088 579	63	0.911 421	9.996 759	1	009	
992	9.085 400	62	9.088 642	63	0.911 358	9.996 758	1	008	
993	9.085 462	62	9.088 705	63	0.911 295	9.996 757	1	007	
994	9.085 524	62	9.088 768	62	0.911 232	9.996 756	1	006	
995	9.085 586	61	9.088 830	63	0.911 170	9.996 755	1	005	
996	9.085 647	62	9.088 893	63	0.911 107	9.996 754	0	004	
997	9.085 709	62	9.088 956	62	0.911 044	9.996 754	1	003	
998	9.085 771	62	9.089 018	63	0.910 982	9.996 753	1	002	
999	9.085 833	61	9.089 081	63	0.910 919	9.996 752	1	001	
***.000**	9.085 894		9.089 144		0.910 856	9.996 751		**.000**	
	cos	d	cotg	d	tang	sin	d	**83°**	P.P.

	63
1	6.3
2	12.6
3	18.9
4	25.2
5	31.5
6	37.8
7	44.1
8	50.4
9	56.7

	62
1	6.2
2	12.4
3	18.6
4	24.8
5	31.0
6	37.2
7	43.4
8	49.6
9	55.8

	61
1	6.1
2	12.2
3	18.3
4	24.4
5	30.5
6	36.6
7	42.7
8	48.8
9	54.9

83°.050 — 83°.000

7°.000 — 7°.050

7°	sin	d	tang	d	cotg	cos	d		P.P.
.000	9.085 894	62	9.089 144	62	0.910 856	9.996 751	1	***000**	
001	9.085 956	62	9.089 206	63	0.910 794	9.996 750	1	999	
002	9.086 018	62	9.089 269	63	0.910 731	9.996 749	1	998	
003	9.086 080	61	9.089 332	62	0.910 668	9.996 748	1	997	
004	9.086 141	62	9.089 394	63	0.910 606	9.996 747	1	996	
005	9.086 203	62	9.089 457	63	0.910 543	9.996 746	1	995	
006	9.086 265	61	9.089 520	62	0.910 480	9.996 745	1	994	
007	9.086 326	62	9.089 582	63	0.910 418	9.996 744	1	993	
008	9.086 388	62	9.089 645	62	0.910 355	9.996 743	1	992	
009	9.086 450	61	9.089 707	63	0.910 293	9.996 742	1	991	
.010	9.086 511	62	9.089 770	63	0.910 230	9.996 741	1	**.990**	
011	9.086 573	62	9.089 833	62	0.910 167	9.996 740	0	989	
012	9.086 635	61	9.089 895	63	0.910 105	9.996 740	1	988	
013	9.086 696	62	9.089 958	62	0.910 042	9.996 739	1	987	
014	9.086 758	61	9.090 020	63	0.909 980	9.996 738	1	986	
015	9.086 819	62	9.090 083	62	0.909 917	9.996 737	1	985	
016	9.086 881	62	9.090 145	63	0.909 855	9.996 736	1	984	
017	9.086 943	61	9.090 208	62	0.909 792	9.996 735	1	983	
018	9.087 004	62	9.090 270	63	0.909 730	9.996 734	1	982	
019	9.087 066	61	9.090 333	62	0.909 667	9.996 733	1	981	
.020	9.087 127	62	9.090 395	63	0.909 605	9.996 732	1	**.980**	
021	9.087 189	61	9.090 458	62	0.909 542	9.996 731	1	979	
022	9.087 250	62	9.090 520	63	0.909 480	9.996 730	1	978	
023	9.087 312	62	9.090 583	62	0.909 417	9.996 729	1	977	
024	9.087 374	61	9.090 645	63	0.909 355	9.996 728	1	976	
025	9.087 435	62	9.090 708	62	0.909 292	9.996 727	1	975	
026	9.087 497	61	9.090 770	62	0.909 230	9.996 726	0	974	
027	9.087 558	62	9.090 832	63	0.909 168	9.996 726	1	973	
028	9.087 620	61	9.090 895	62	0.909 105	9.996 725	1	972	
029	9.087 681	61	9.090 957	63	0.909 043	9.996 724	1	971	
.030	9.087 742	62	9.091 020	62	0.908 980	9.996 723	1	**.970**	
031	9.087 804	61	9.091 082	63	0.908 918	9.996 722	1	969	
032	9.087 865	62	9.091 145	62	0.908 855	9.996 721	1	968	
033	9.087 927	61	9.091 207	62	0.908 793	9.996 720	1	967	
034	9.087 988	62	9.091 269	63	0.908 731	9.996 719	1	966	
035	9.088 050	61	9.091 332	62	0.908 668	9.996 718	1	965	
036	9.088 111	62	9.091 394	62	0.908 606	9.996 717	1	964	
037	9.088 173	61	9.091 456	63	0.908 544	9.996 716	1	963	
038	9.088 234	61	9.091 519	62	0.908 481	9.996 715	1	962	
039	9.088 295	62	9.091 581	62	0.908 419	9.996 714	1	961	
.040	9.088 357	61	9.091 643	63	0.908 357	9.996 713	1	**.960**	
041	9.088 418	61	9.091 706	62	0.908 294	9.996 712	0	959	
042	9.088 479	62	9.091 768	62	0.908 232	9.996 712	1	958	
043	9.088 541	61	9.091 830	63	0.908 170	9.996 711	1	957	
044	9.088 602	61	9.091 893	62	0.908 107	9.996 710	1	956	
045	9.088 663	62	9.091 955	62	0.908 045	9.996 709	1	955	
046	9.088 725	61	9.092 017	62	0.907 983	9.996 708	1	954	
047	9.088 786	61	9.092 079	63	0.907 921	9.996 707	1	953	
048	9.088 847	62	9.092 142	62	0.907 858	9.996 706	1	952	
049	9.088 909	61	9.092 204	62	0.907 796	9.996 705	1	951	
.050	9.088 970		9.092 266		0.907 734	9.996 704		**.950**	
	cos	d	cotg	d	tang	sin	d	**82°**	P.P.

	63
1	6.3
2	12.6
3	18.9
4	25.2
5	31.5
6	37.8
7	44.1
8	50.4
9	56.7

	62
1	6.2
2	12.4
3	18.6
4	24.8
5	31.0
6	37.2
7	43.4
8	49.6
9	55.8

	61
1	6.1
2	12.2
3	18.3
4	24.4
5	30.5
6	36.6
7	42.7
8	48.8
9	54.9

83°.000 — 82°.950

7°.050 — 7°.100

7°	sin	d	tang	d	cotg	cos	d		P.P.
.050	9.088 970	61	9.092 266	62	0.907 734	9.996 704	1	**.950**	
051	9.089 031	62	9.092 328	62	0.907 672	9.996 703	1	949	
052	9.089 093	61	9.092 390	63	0.907 610	9.996 702	1	948	
053	9.089 154	61	9.092 453	62	0.907 547	9.996 701	1	947	
054	9.089 215	61	9.092 515	62	0.907 485	9.996 700	1	946	
055	9.089 276	62	9.092 577	62	0.907 423	9.996 699	1	945	
056	9.089 338	61	9.092 639	62	0.907 361	9.996 698	1	944	
057	9.089 399	61	9.092 701	63	0.907 299	9.996 697	0	943	
058	9.089 460	61	9.092 764	62	0.907 236	9.996 697	1	942	
059	9.089 521	62	9.092 826	62	0.907 174	9.996 696	1	941	
.060	9.089 583	61	9.092 888	62	0.907 112	9.996 695	1	**.940**	
061	9.089 644	61	9.092 950	62	0.907 050	9.996 694	1	939	
062	9.089 705	61	9.093 012	62	0.906 988	9.996 693	1	938	
063	9.089 766	61	9.093 074	62	0.906 926	9.996 692	1	937	
064	9.089 827	61	9.093 136	62	0.906 864	9.996 691	1	936	
065	9.089 888	62	9.093 198	63	0.906 802	9.996 690	1	935	
066	9.089 950	61	9.093 261	62	0.906 739	9.996 689	1	934	
067	9.090 011	61	9.093 323	62	0.906 677	9.996 688	1	933	
068	9.090 072	61	9.093 385	62	0.906 615	9.996 687	1	932	
069	9.090 133	61	9.093 447	62	0.906 553	9.996 686	1	931	
.070	9.090 194	61	9.093 509	62	0.906 491	9.996 685	1	**.930**	
071	9.090 255	61	9.093 571	62	0.906 429	9.996 684	1	929	
072	9.090 316	61	9.093 633	62	0.906 367	9.996 683	1	928	
073	9.090 377	62	9.093 695	62	0.906 305	9.996 682	1	927	
074	9.090 439	61	9.093 757	62	0.906 243	9.996 681	0	926	
075	9.090 500	61	9.093 819	62	0.906 181	9.996 681	1	925	
076	9.090 561	61	9.093 881	62	0.906 119	9.996 680	1	924	
077	9.090 622	61	9.093 943	62	0.906 057	9.996 679	1	923	
078	9.090 683	61	9.094 005	62	0.905 995	9.996 678	1	922	
079	9.090 744	61	9.094 067	62	0.905 933	9.996 677	1	921	
.080	9.090 805	61	9.094 129	62	0.905 871	9.996 676	1	**.920**	
081	9.090 866	61	9.094 191	62	0.905 809	9.996 675	1	919	
082	9.090 927	61	9.094 253	62	0.905 747	9.996 674	1	918	
083	9.090 988	61	9.094 315	62	0.905 685	9.996 673	1	917	
084	9.091 049	61	9.094 377	62	0.905 623	9.996 672	1	916	
085	9.091 110	61	9.094 439	62	0.905 561	9.996 671	1	915	
086	9.091 171	61	9.094 501	62	0.905 499	9.996 670	1	914	
087	9.091 232	61	9.094 563	61	0.905 437	9.996 669	1	913	
088	9.091 293	61	9.094 624	62	0.905 376	9.996 668	1	912	
089	9.091 354	61	9.094 686	62	0.905 314	9.996 667	1	911	
.090	9.091 415	61	9.094 748	62	0.905 252	9.996 666	1	**.910**	
091	9.091 476	61	9.094 810	62	0.905 190	9.996 665	0	909	
092	9.091 537	60	9.094 872	62	0.905 128	9.996 665	1	908	
093	9.091 597	61	9.094 934	62	0.905 066	9.996 664	1	907	
094	9.091 658	61	9.094 996	62	0.905 004	9.996 663	1	906	
095	9.091 719	61	9.095 058	61	0.904 942	9.996 662	1	905	
096	9.091 780	61	9.095 119	62	0.904 881	9.996 661	1	904	
097	9.091 841	61	9.095 181	62	0.904 819	9.996 660	1	903	
098	9.091 902	61	9.095 243	62	0.904 757	9.996 659	1	902	
099	9.091 963	61	9.095 305	62	0.904 695	9.996 658	1	901	
.100	9.092 024		9.095 367		0.904 633	9.996 657		**.900**	
	cos	d	cotg	d	tang	sin	d	**82°**	P.P.

	63
1	6.3
2	12.6
3	18.9
4	25.2
5	31.5
6	37.8
7	44.1
8	50.4
9	56.7

	62
1	6.2
2	12.4
3	18.6
4	24.8
5	31.0
6	37.2
7	43.4
8	49.6
9	55.8

	61
1	6.1
2	12.2
3	18.3
4	24.4
5	30.5
6	36.6
7	42.7
8	48.8
9	54.9

	60
1	6.0
2	12.0
3	18.0
4	24.0
5	30.0
6	36.0
7	42.0
8	48.0
9	54.0

82°.950 — 82°.900

7°.100 — 7°.150

7°	sin	d	tang	d	cotg	cos	d		P.P.
.100	9.092 024	61	9.095 367	61	0.904 633	9.996 657	1	**.900**	
101	9.092 085	60	9.095 428	62	0.904 572	9.996 656	1	899	
102	9.092 145	61	9.095 490	62	0.904 510	9.996 655	1	898	
103	9.092 206	61	9.095 552	62	0.904 448	9.996 654	1	897	
104	9.092 267	61	9.095 614	62	0.904 386	9.996 653	1	896	
105	9.092 328	61	9.095 676	61	0.904 324	9.996 652	1	895	
106	9.092 389	60	9.095 737	62	0.904 263	9.996 651	1	894	
107	9.092 449	61	9.095 799	62	0.904 201	9.996 650	1	893	
108	9.092 510	61	9.095 861	62	0.904 139	9.996 649	1	892	
109	9.092 571	61	9.095 923	61	0.904 077	9.996 648	1	891	
.110	9.092 632	61	9.095 984	62	0.904 016	9.996 648	0	**.890**	
111	9.092 693	60	9.096 046	62	0.903 954	9.996 647	1	889	
112	9.092 753	61	9.096 108	61	0.903 892	9.996 646	1	888	
113	9.092 814	61	9.096 169	62	0.903 831	9.996 645	1	887	
114	9.092 875	61	9.096 231	62	0.903 769	9.996 644	1	886	
115	9.092 936	60	9.096 293	61	0.903 707	9.996 643	1	885	
116	9.092 996	61	9.096 354	62	0.903 646	9.996 642	1	884	
117	9.093 057	61	9.096 416	62	0.903 584	9.996 641	1	883	
118	9.093 118	60	9.096 478	61	0.903 522	9.996 640	1	882	
119	9.093 178	61	9.096 539	62	0.903 461	9.996 639	1	881	
.120	9.093 239	61	9.096 601	62	0.903 399	9.996 638	1	**.880**	
121	9.093 300	60	9.096 663	61	0.903 337	9.996 637	1	879	
122	9.093 360	61	9.096 724	62	0.903 276	9.996 636	1	878	
123	9.093 421	61	9.096 786	61	0.903 214	9.996 635	1	877	
124	9.093 482	60	9.096 847	62	0.903 153	9.996 634	1	876	
125	9.093 542	61	9.096 909	62	0.903 091	9.996 633	1	875	
126	9.093 603	61	9.096 971	61	0.903 029	9.996 632	1	874	
127	9.093 664	60	9.097 032	62	0.902 968	9.996 631	1	873	
128	9.093 724	61	9.097 094	61	0.902 906	9.996 630	1	872	
129	9.093 785	60	9.097 155	62	0.902 845	9.996 630	0	871	
.130	9.093 845	61	9.097 217	61	0.902 783	9.996 629	1	**.870**	
131	9.093 906	61	9.097 278	62	0.902 722	9.996 628	1	869	
132	9.093 967	60	9.097 340	61	0.902 660	9.996 627	1	868	
133	9.094 027	61	9.097 401	62	0.902 599	9.996 626	1	867	
134	9.094 088	60	9.097 463	61	0.902 537	9.996 625	1	866	
135	9.094 148	61	9.097 524	62	0.902 476	9.996 624	1	865	
136	9.094 209	60	9.097 586	61	0.902 414	9.996 623	1	864	
137	9.094 269	61	9.097 647	62	0.902 353	9.996 622	1	863	
138	9.094 330	60	9.097 709	61	0.902 291	9.996 621	1	862	
139	9.094 390	61	9.097 770	62	0.902 230	9.996 620	1	861	
.140	9.094 451	60	9.097 832	61	0.902 168	9.996 619	1	**.860**	
141	9.094 511	61	9.097 893	62	0.902 107	9.996 618	1	859	
142	9.094 572	60	9.097 955	61	0.902 045	9.996 617	1	858	
143	9.094 632	61	9.098 016	62	0.901 984	9.996 616	1	857	
144	9.094 693	60	9.098 078	61	0.901 922	9.996 615	1	856	
145	9.094 753	61	9.098 139	61	0.901 861	9.996 614	1	855	
146	9.094 814	60	9.098 200	62	0.901 800	9.996 613	1	854	
147	9.094 874	61	9.098 262	61	0.901 738	9.996 612	1	853	
148	9.094 935	60	9.098 323	62	0.901 677	9.996 611	0	852	
149	9.094 995	61	9.098 385	61	0.901 615	9.996 611	1	851	
.150	9.095 056		9.098 446		0.901 554	9.996 610		**.850**	
	cos	d	cotg	d	tang	sin	d	**82°**	P.P.

	62
1	6.2
2	12.4
3	18.6
4	24.8
5	31.0
6	37.2
7	43.4
8	49.6
9	55.8

	61
1	6.1
2	12.2
3	18.3
4	24.4
5	30.5
6	36.6
7	42.7
8	48.8
9	54.9

	60
1	6.0
2	12.0
3	18.0
4	24.0
5	30.0
6	36.0
7	42.0
8	48.0
9	54.0

82°.900 — 82°.850

7°.150 — 7°.200

7°	sin	d	tang	d	cotg	cos	d		P.P.
.150	9.095 056	60	9.098 446	61	0.901 554	9.996 610	1	**.850**	
151	9.095 116	60	9.098 507	62	0.901 493	9.996 609	1	849	
152	9.095 176	61	9.098 569	61	0.901 431	9.996 608	1	848	
153	9.095 237	60	9.098 630	61	0.901 370	9.996 607	1	847	
154	9.095 297	61	9.098 691	62	0.901 309	9.996 606	1	846	
155	9.095 358	60	9.098 753	61	0.901 247	9.996 605	1	845	
156	9.095 418	60	9.098 814	61	0.901 186	9.996 604	1	844	
157	9.095 478	61	9.098 875	62	0.901 125	9.996 603	1	843	
158	9.095 539	60	9.098 937	61	0.901 063	9.996 602	1	842	
159	9.095 599	60	9.098 998	61	0.901 002	9.996 601	1	841	
.160	9.095 659	61	9.099 059	62	0.900 941	9.996 600	1	**.840**	
161	9.095 720	60	9.099 121	61	0.900 879	9.996 599	1	839	
162	9.095 780	60	9.099 182	61	0.900 818	9.996 598	1	838	
163	9.095 840	61	9.099 243	61	0.900 757	9.996 597	1	837	
164	9.095 901	60	9.099 304	62	0.900 696	9.996 596	1	836	
165	9.095 961	60	9.099 366	61	0.900 634	9.996 595	1	835	
166	9.096 021	61	9.099 427	61	0.900 573	9.996 594	1	834	
167	9.096 082	60	9.099 488	61	0.900 512	9.996 593	1	833	
168	9.096 142	60	9.099 549	62	0.900 451	9.996 592	0	832	
169	9.096 202	60	9.099 611	61	0.900 389	9.996 592	1	831	
.170	9.096 262	61	9.099 672	61	0.900 328	9.996 591	1	**.830**	
171	9.096 323	60	9.099 733	61	0.900 267	9.996 590	1	829	
172	9.096 383	60	9.099 794	61	0.900 206	9.996 589	1	828	
173	9.096 443	60	9.099 855	62	0.900 145	9.996 588	1	827	
174	9.096 503	61	9.099 917	61	0.900 083	9.996 587	1	826	
175	9.096 564	60	9.099 978	61	0.900 022	9.996 586	1	825	
176	9.096 624	60	9.100 039	61	0.899 961	9.996 585	1	824	
177	9.096 684	60	9.100 100	61	0.899 900	9.996 584	1	823	
178	9.096 744	60	9.100 161	61	0.899 839	9.996 583	1	822	
179	9.096 804	61	9.100 222	62	0.899 778	9.996 582	1	821	
.180	9.096 865	60	9.100 284	61	0.899 716	9.996 581	1	**.820**	
181	9.096 925	60	9.100 345	61	0.899 655	9.996 580	1	819	
182	9.096 985	60	9.100 406	61	0.899 594	9.996 579	1	818	
183	9.097 045	60	9.100 467	61	0.899 533	9.996 578	1	817	
184	9.097 105	60	9.100 528	61	0.899 472	9.996 577	1	816	
185	9.097 165	60	9.100 589	61	0.899 411	9.996 576	1	815	
186	9.097 225	61	9.100 650	61	0.899 350	9.996 575	1	814	
187	9.097 286	60	9.100 711	61	0.899 289	9.996 574	1	813	
188	9.097 346	60	9.100 772	61	0.899 228	9.996 573	1	812	
189	9.097 406	60	9.100 833	61	0.899 167	9.996 572	1	811	
.190	9.097 466	60	9.100 894	61	0.899 106	9.996 571	1	**.810**	
191	9.097 526	60	9.100 955	61	0.899 045	9.996 570	0	809	
192	9.097 586	60	9.101 016	61	0.898 984	9.996 570	1	808	
193	9.097 646	60	9.101 077	61	0.898 923	9.996 569	1	807	
194	9.097 706	60	9.101 138	61	0.898 862	9.996 568	1	806	
195	9.097 766	60	9.101 199	61	0.898 801	9.996 567	1	805	
196	9.097 826	60	9.101 260	61	0.898 740	9.996 566	1	804	
197	9.097 886	60	9.101 321	61	0.898 679	9.996 565	1	803	
198	9.097 946	60	9.101 382	61	0.898 618	9.996 564	1	802	
199	9.098 006	60	9.101 443	61	0.898 557	9.996 563	1	801	
.200	9.098 066		9.101 504		0.898 496	9.996 562		**.800**	
	cos	d	cotg	d	tang	sin	d	**82°**	P.P.

	62
1	6.2
2	12.4
3	18.6
4	24.8
5	31.0
6	37.2
7	43.4
8	49.6
9	55.8

	61
1	6.1
2	12.2
3	18.3
4	24.4
5	30.5
6	36.6
7	42.7
8	48.8
9	54.9

	60
1	6.0
2	12.0
3	18.0
4	24.0
5	30.0
6	36.0
7	42.0
8	48.0
9	54.0

82°.850 — 82°.800

7°.200 — 7°.250

7°	sin	d	tang	d	cotg	cos	d		P.P.
.200	9.098 066	60	9.101 504	61	0.898 496	9.996 562	1	**.800**	
201	9.098 126	60	9.101 565	61	0.898 435	9.996 561	1	799	
202	9.098 186	60	9.101 626	61	0.898 374	9.996 560	1	798	
203	9.098 246	60	9.101 687	61	0.898 313	9.996 559	1	797	
204	9.098 306	60	9.101 748	61	0.898 252	9.996 558	1	796	
205	9.098 366	60	9.101 809	61	0.898 191	9.996 557	1	795	
206	9.098 426	60	9.101 870	61	0.898 130	9.996 556	1	794	
207	9.098 486	60	9.101 931	61	0.898 069	9.996 555	1	793	
208	9.098 546	60	9.101 992	61	0.898 008	9.996 554	1	792	
209	9.098 606	60	9.102 053	61	0.897 947	9.996 553	1	791	
.210	9.098 666	60	9.102 114	60	0.897 886	9.996 552	1	**.790**	
211	9.098 726	60	9.102 174	61	0.897 826	9.996 551	1	789	
212	9.098 786	60	9.102 235	61	0.897 765	9.996 550	1	788	
213	9.098 846	59	9.102 296	61	0.897 704	9.996 549	1	787	
214	9.098 905	60	9.102 357	61	0.897 643	9.996 548	0	786	
215	9.098 965	60	9.102 418	61	0.897 582	9.996 548	1	785	
216	9.099 025	60	9.102 479	60	0.897 521	9.996 547	1	784	
217	9.099 085	60	9.102 539	61	0.897 461	9.996 546	1	783	
218	9.099 145	60	9.102 600	61	0.897 400	9.996 545	1	782	
219	9.099 205	60	9.102 661	61	0.897 339	9.996 544	1	781	
.220	9.099 265	59	9.102 722	61	0.897 278	9.996 543	1	**.780**	
221	9.099 324	60	9.102 783	60	0.897 217	9.996 542	1	779	
222	9.099 384	60	9.102 843	61	0.897 157	9.996 541	1	778	
223	9.099 444	60	9.102 904	61	0.897 096	9.996 540	1	777	
224	9.099 504	60	9.102 965	61	0.897 035	9.996 539	1	776	
225	9.099 564	59	9.103 026	60	0.896 974	9.996 538	1	775	
226	9.099 623	60	9.103 086	61	0.896 914	9.996 537	1	774	
227	9.099 683	60	9.103 147	61	0.896 853	9.996 536	1	773	
228	9.099 743	60	9.103 208	61	0.896 792	9.996 535	1	772	
229	9.099 803	59	9.103 269	60	0.896 731	9.996 534	1	771	
.230	9.099 862	60	9.103 329	61	0.896 671	9.996 533	1	**.770**	
231	9.099 922	60	9.103 390	61	0.896 610	9.996 532	1	769	
232	9.099 982	60	9.103 451	60	0.896 549	9.996 531	1	768	
233	9.100 042	59	9.103 511	61	0.896 489	9.996 530	1	767	
234	9.100 101	60	9.103 572	61	0.896 428	9.996 529	1	766	
235	9.100 161	60	9.103 633	61	0.896 367	9.996 528	1	765	
236	9.100 221	60	9.103 694	60	0.896 306	9.996 527	1	764	
237	9.100 281	59	9.103 754	61	0.896 246	9.996 526	1	763	
238	9.100 340	60	9.103 815	60	0.896 185	9.996 525	1	762	
239	9.100 400	60	9.103 875	61	0.896 125	9.996 524	1	761	
.240	9.100 460	59	9.103 936	61	0.896 064	9.996 523	0	**.760**	
241	9.100 519	60	9.103 997	60	0.896 003	9.996 523	1	759	
242	9.100 579	60	9.104 057	61	0.895 943	9.996 522	1	758	
243	9.100 639	59	9.104 118	61	0.895 882	9.996 521	1	757	
244	9.100 698	60	9.104 179	60	0.895 821	9.996 520	1	756	
245	9.100 758	59	9.104 239	61	0.895 761	9.996 519	1	755	
246	9.100 817	60	9.104 300	60	0.895 700	9.996 518	1	754	
247	9.100 877	60	9.104 360	61	0.895 640	9.996 517	1	753	
248	9.100 937	59	9.104 421	60	0.895 579	9.996 516	1	752	
249	9.100 996	60	9.104 481	61	0.895 519	9.996 515	1	751	
.250	9.101 056		9.104 542		0.895 458	9.996 514		**.750**	
	cos	d	cotg	d	tang	sin	d	**82°**	P.P.

	61
1	6.1
2	12.2
3	18.3
4	24.4
5	30.5
6	36.6
7	42.7
8	48.8
9	54.9

	60
1	6.0
2	12.0
3	18.0
4	24.0
5	30.0
6	36.0
7	42.0
8	48.0
9	54.0

	59
1	5.9
2	11.8
3	17.7
4	23.6
5	29.5
6	35.4
7	41.3
8	47.2
9	53.1

82°.800 — 82°.750

7°.250 — 7°.300

7°	sin	d	tang	d	cotg	cos	d		P.P.
.250	9.101 056	59	9.104 542	61	0.895 458	9.996 514	1	**.750**	
251	9.101 115	60	9.104 603	60	0.895 397	9.996 513	1	749	
252	9.101 175	60	9.104 663	61	0.895 337	9.996 512	1	748	
253	9.101 235	59	9.104 724	60	0.895 276	9.996 511	1	747	
254	9.101 294	60	9.104 784	61	0.895 216	9.996 510	1	746	
255	9.101 354	59	9.104 845	60	0.895 155	9.996 509	1	745	
256	9.101 413	60	9.104 905	61	0.895 095	9.996 508	1	744	
257	9.101 473	59	9.104 966	60	0.895 034	9.996 507	1	743	
258	9.101 532	60	9.105 026	61	0.894 974	9.996 506	1	742	
259	9.101 592	59	9.105 087	60	0.894 913	9.996 505	1	741	
.260	9.101 651	60	9.105 147	60	0.894 853	9.996 504	1	**.740**	
261	9.101 711	59	9.105 207	61	0.894 793	9.996 503	1	739	
262	9.101 770	60	9.105 268	60	0.894 732	9.996 502	1	738	
263	9.101 830	59	9.105 328	61	0.894 672	9.996 501	1	737	
264	9.101 889	60	9.105 389	60	0.894 611	9.996 500	1	736	
265	9.101 949	59	9.105 449	61	0.894 551	9.996 499	1	735	
266	9.102 008	60	9.105 510	60	0.894 490	9.996 498	1	734	
267	9.102 068	59	9.105 570	60	0.894 430	9.996 497	1	733	
268	9.102 127	59	9.105 630	61	0.894 370	9.996 496	1	732	
269	9.102 186	60	9.105 691	60	0.894 309	9.996 495	1	731	
.270	9.102 246	59	9.105 751	61	0.894 249	9.996 495	0	**.730**	
271	9.102 305	60	9.105 812	60	0.894 188	9.996 494	1	729	
272	9.102 365	59	9.105 872	60	0.894 128	9.996 493	1	728	
273	9.102 424	59	9.105 932	61	0.894 068	9.996 492	1	727	
274	9.102 483	60	9.105 993	60	0.894 007	9.996 491	1	726	
275	9.102 543	59	9.106 053	60	0.893 947	9.996 490	1	725	
276	9.102 602	60	9.106 113	61	0.893 887	9.996 489	1	724	
277	9.102 662	59	9.106 174	60	0.893 826	9.996 488	1	723	
278	9.102 721	59	9.106 234	60	0.893 766	9.996 487	1	722	
279	9.102 780	60	9.106 294	61	0.893 706	9.996 486	1	721	
.280	9.102 840	59	9.106 355	60	0.893 645	9.996 485	1	**.720**	
281	9.102 899	59	9.106 415	60	0.893 585	9.996 484	1	719	
282	9.102 958	60	9.106 475	61	0.893 525	9.996 483	1	718	
283	9.103 018	59	9.106 536	60	0.893 464	9.996 482	1	717	
284	9.103 077	59	9.106 596	60	0.893 404	9.996 481	1	716	
285	9.103 136	59	9.106 656	60	0.893 344	9.996 480	1	715	
286	9.103 195	60	9.106 716	61	0.893 284	9.996 479	1	714	
287	9.103 255	59	9.106 777	60	0.893 223	9.996 478	1	713	
288	9.103 314	59	9.106 837	60	0.893 163	9.996 477	1	712	
289	9.103 373	59	9.106 897	60	0.893 103	9.996 476	1	711	
.290	9.103 432	60	9.106 957	61	0.893 043	9.996 475	1	**.710**	
291	9.103 492	59	9.107 018	60	0.892 982	9.996 474	1	709	
292	9.103 551	59	9.107 078	60	0.892 922	9.996 473	1	708	
293	9.103 610	59	9.107 138	60	0.892 862	9.996 472	1	707	
294	9.103 669	60	9.107 198	60	0.892 802	9.996 471	1	706	
295	9.103 729	59	9.107 258	61	0.892 742	9.996 470	1	705	
296	9.103 788	59	9.107 319	60	0.892 681	9.996 469	1	704	
297	9.103 847	59	9.107 379	60	0.892 621	9.996 468	1	703	
298	9.103 906	59	9.107 439	60	0.892 561	9.996 467	1	702	
299	9.103 965	60	9.107 499	60	0.892 501	9.996 466	1	701	
.300	9.104 025		9.107 559		0.892 441	9.996 465		**.700**	
	cos	d	cotg	d	tang	sin	d	**82°**	P.P.

	61
1	6.1
2	12.2
3	18.3
4	24.4
5	30.5
6	36.6
7	42.7
8	48.8
9	54.9

	60
1	6.0
2	12.0
3	18.0
4	24.0
5	30.0
6	36.0
7	42.0
8	48.0
9	54.0

	59
1	5.9
2	11.8
3	17.7
4	23.6
5	29.5
6	35.4
7	41.3
8	47.2
9	53.1

82°.750 — 82°.700

7°.300 — 7°.350

7°	sin	d	tang	d	cotg	cos	d		P.P.
.300	9.104 025	59	9.107 559	60	0.892 441	9.996 465	1	**.700**	
301	9.104 084	59	9.107 619	60	0.892 381	9.996 464	0	699	
302	9.104 143	59	9.107 679	61	0.892 321	9.996 464	1	698	
303	9.104 202	59	9.107 740	60	0.892 260	9.996 463	1	697	
304	9.104 261	59	9.107 800	60	0.892 200	9.996 462	1	696	
305	9.104 320	59	9.107 860	60	0.892 140	9.996 461	1	695	
306	9.104 379	60	9.107 920	60	0.892 080	9.996 460	1	694	
307	9.104 439	59	9.107 980	60	0.892 020	9.996 459	1	693	
308	9.104 498	59	9.108 040	60	0.891 960	9.996 458	1	692	
309	9.104 557	59	9.108 100	60	0.891 900	9.996 457	1	691	
.310	9.104 616	59	9.108 160	60	0.891 840	9.996 456	1	**.690**	
311	9.104 675	59	9.108 220	60	0.891 780	9.996 455	1	689	
312	9.104 734	59	9.108 280	60	0.891 720	9.996 454	1	688	
313	9.104 793	59	9.108 340	60	0.891 660	9.996 453	1	687	
314	9.104 852	59	9.108 400	60	0.891 600	9.996 452	1	686	
315	9.104 911	59	9.108 460	60	0.891 540	9.996 451	1	685	
316	9.104 970	59	9.108 520	60	0.891 480	9.996 450	1	684	
317	9.105 029	59	9.108 580	60	0.891 420	9.996 449	1	683	
318	9.105 088	59	9.108 640	60	0.891 360	9.996 448	1	682	
319	9.105 147	59	9.108 700	60	0.891 300	9.996 447	1	681	
.320	9.105 206	59	9.108 760	60	0.891 240	9.996 446	1	**.680**	
321	9.105 265	59	9.108 820	60	0.891 180	9.996 445	1	679	
322	9.105 324	59	9.108 880	60	0.891 120	9.996 444	1	678	
323	9.105 383	59	9.108 940	60	0.891 060	9.996 443	1	677	
324	9.105 442	59	9.109 000	60	0.891 000	9.996 442	1	676	
325	9.105 501	59	9.109 060	60	0.890 940	9.996 441	1	675	
326	9.105 560	59	9.109 120	60	0.890 880	9.996 440	1	674	
327	9.105 619	59	9.109 180	60	0.890 820	9.996 439	1	673	
328	9.105 678	59	9.109 240	60	0.890 760	9.996 438	1	672	
329	9.105 737	59	9.109 300	60	0.890 700	9.996 437	1	671	
.330	9.105 796	59	9.109 360	60	0.890 640	9.996 436	1	**.670**	
331	9.105 855	59	9.109 420	60	0.890 580	9.996 435	1	669	
332	9.105 914	59	9.109 480	59	0.890 520	9.996 434	1	668	
333	9.105 973	59	9.109 539	60	0.890 461	9.996 433	1	667	
334	9.106 032	59	9.109 599	60	0.890 401	9.996 432	1	666	
335	9.106 091	58	9.109 659	60	0.890 341	9.996 431	1	665	
336	9.106 149	59	9.109 719	60	0.890 281	9.996 430	1	664	
337	9.106 208	59	9.109 779	60	0.890 221	9.996 429	1	663	
338	9.106 267	59	9.109 839	60	0.890 161	9.996 428	1	662	
339	9.106 326	59	9.109 899	59	0.890 101	9.996 427	0	661	
.340	9.106 385	59	9.109 958	60	0.890 042	9.996 427	1	**.660**	
341	9.106 444	59	9.110 018	60	0.889 982	9.996 426	1	659	
342	9.106 503	58	9.110 078	60	0.889 922	9.996 425	1	658	
343	9.106 561	59	9.110 138	60	0.889 862	9.996 424	1	657	
344	9.106 620	59	9.110 198	59	0.889 802	9.996 423	1	656	
345	9.106 679	59	9.110 257	60	0.889 743	9.996 422	1	655	
346	9.106 738	59	9.110 317	60	0.889 683	9.996 421	1	654	
347	9.106 797	58	9.110 377	60	0.889 623	9.996 420	1	653	
348	9.106 855	59	9.110 437	59	0.889 563	9.996 419	1	652	
349	9.106 914	59	9.110 496	60	0.889 504	9.996 418	1	651	
.350	9.106 973		9.110 556		0.889 444	9.996 417		**.650**	
	cos	d	cotg	d	tang	sin	d	**82°**	P.P.

	61
1	6.1
2	12.2
3	18.3
4	24.4
5	30.5
6	36.6
7	42.7
8	48.8
9	54.9

	60
1	6.0
2	12.0
3	18.0
4	24.0
5	30.0
6	36.0
7	42.0
8	48.0
9	54.0

	59
1	5.9
2	11.8
3	17.7
4	23.6
5	29.5
6	35.4
7	41.3
8	47.2
9	53.1

	58
1	5.8
2	11.6
3	17.4
4	23.2
5	29.0
6	34.8
7	40.6
8	46.4
9	52.2

82°.700 — 82°.650

7°.350 — 7°.400

7°	sin	d	tang	d	cotg	cos	d		P.P.
.350	9.106 973	59	9.110 556	60	0.889 444	9.996 417	1	**.650**	
351	9.107 032	58	9.110 616	60	0.889 384	9.996 416	1	649	
352	9.107 090	59	9.110 676	59	0.889 324	9.996 415	1	648	
353	9.107 149	59	9.110 735	60	0.889 265	9.996 414	1	647	
354	9.107 208	59	9.110 795	60	0.889 205	9.996 413	1	646	
355	9.107 267	58	9.110 855	59	0.889 145	9.996 412	1	645	
356	9.107 325	59	9.110 914	60	0.889 086	9.996 411	1	644	
357	9.107 384	59	9.110 974	60	0.889 026	9.996 410	1	643	
358	9.107 443	58	9.111 034	60	0.888 966	9.996 409	1	642	
359	9.107 501	59	9.111 094	59	0.888 906	9.996 408	1	641	
.360	9.107 560	59	9.111 153	60	0.888 847	9.996 407	1	**.640**	
361	9.107 619	58	9.111 213	59	0.888 787	9.996 406	1	639	
362	9.107 677	59	9.111 272	60	0.888 728	9.996 405	1	638	
363	9.107 736	59	9.111 332	60	0.888 668	9.996 404	1	637	
364	9.107 795	58	9.111 392	59	0.888 608	9.996 403	1	636	
365	9.107 853	59	9.111 451	60	0.888 549	9.996 402	1	635	
366	9.107 912	59	9.111 511	60	0.888 489	9.996 401	1	634	
367	9.107 971	58	9.111 571	59	0.888 429	9.996 400	1	633	
368	9.108 029	59	9.111 630	60	0.888 370	9.996 399	1	632	
369	9.108 088	59	9.111 690	59	0.888 310	9.996 398	1	631	
.370	9.108 147	58	9.111 749	60	0.888 251	9.996 397	1	**.630**	
371	9.108 205	59	9.111 809	60	0.888 191	9.996 396	1	629	
372	9.108 264	58	9.111 869	59	0.888 131	9.996 395	1	628	
373	9.108 322	59	9.111 928	60	0.888 072	9.996 394	1	627	
374	9.108 381	58	9.111 988	59	0.888 012	9.996 393	1	626	
375	9.108 439	59	9.112 047	60	0.887 953	9.996 392	1	625	
376	9.108 498	59	9.112 107	59	0.887 893	9.996 391	1	624	
377	9.108 557	58	9.112 166	60	0.887 834	9.996 390	1	623	
378	9.108 615	59	9.112 226	59	0.887 774	9.996 389	1	622	
379	9.108 674	58	9.112 285	60	0.887 715	9.996 388	1	621	
.380	9.108 732	59	9.112 345	59	0.887 655	9.996 387	1	**.620**	
381	9.108 791	58	9.112 404	60	0.887 596	9.996 386	1	619	
382	9.108 849	59	9.112 464	59	0.887 536	9.996 385	1	618	
383	9.108 908	58	9.112 523	60	0.887 477	9.996 384	1	617	
384	9.108 966	59	9.112 583	59	0.887 417	9.996 383	1	616	
385	9.109 025	58	9.112 642	60	0.887 358	9.996 382	1	615	
386	9.109 083	59	9.112 702	59	0.887 298	9.996 381	1	614	
387	9.109 142	58	9.112 761	60	0.887 239	9.996 380	1	613	
388	9.109 200	59	9.112 821	59	0.887 179	9.996 379	0	612	
389	9.109 259	58	9.112 880	59	0.887 120	9.996 379	1	611	
.390	9.109 317	58	9.112 939	60	0.887 061	9.996 378	1	**.610**	
391	9.109 375	59	9.112 999	59	0.887 001	9.996 377	1	609	
392	9.109 434	58	9.113 058	60	0.886 942	9.996 376	1	608	
393	9.109 492	59	9.113 118	59	0.886 882	9.996 375	1	607	
394	9.109 551	58	9.113 177	60	0.886 823	9.996 374	1	606	
395	9.109 609	59	9.113 237	59	0.886 763	9.996 373	1	605	
396	9.109 668	58	9.113 296	59	0.886 704	9.996 372	1	604	
397	9.109 726	58	9.113 355	60	0.886 645	9.996 371	1	603	
398	9.109 784	59	9.113 415	59	0.886 585	9.996 370	1	602	
399	9.109 843	58	9.113 474	59	0.886 526	9.996 369	1	601	
.400	9.109 901		9.113 533		0.886 467	9.996 368		**.600**	
	cos	d	cotg	d	tang	sin	d	**82°**	P.P.

	60
1	6.0
2	12.0
3	18.0
4	24.0
5	30.0
6	36.0
7	42.0
8	48.0
9	54.0

	59
1	5.9
2	11.8
3	17.7
4	23.6
5	29.5
6	35.4
7	41.3
8	47.2
9	53.1

	58
1	5.8
2	11.6
3	17.4
4	23.2
5	29.0
6	34.8
7	40.6
8	46.4
9	52.2

82°.650 — 82°.600

7°.400 — 7°.450

7°	sin	d	tang	d	cotg	cos	d		P.P.
.400	9.109 901	58	9.113 533	60	0.886 467	9.996 368	1	**.600**	
401	9.109 959	59	9.113 593	59	0.886 407	9.996 367	1	599	
402	9.110 018	58	9.113 652	59	0.886 348	9.996 366	1	598	
403	9.110 076	58	9.113 711	60	0.886 289	9.996 365	1	597	
404	9.110 134	59	9.113 771	59	0.886 229	9.996 364	1	596	
405	9.110 193	58	9.113 830	59	0.886 170	9.996 363	1	595	
406	9.110 251	58	9.113 889	60	0.886 111	9.996 362	1	594	
407	9.110 309	59	9.113 949	59	0.886 051	9.996 361	1	593	
408	9.110 368	58	9.114 008	59	0.885 992	9.996 360	1	592	
409	9.110 426	58	9.114 067	59	0.885 933	9.996 359	1	591	
.410	9.110 484	59	9.114 126	60	0.885 874	9.996 358	1	**.590**	
411	9.110 543	58	9.114 186	59	0.885 814	9.996 357	1	589	
412	9.110 601	58	9.114 245	59	0.885 755	9.996 356	1	588	
413	9.110 659	58	9.114 304	59	0.885 696	9.996 355	1	587	
414	9.110 717	59	9.114 363	60	0.885 637	9.996 354	1	586	
415	9.110 776	58	9.114 423	59	0.885 577	9.996 353	1	585	
416	9.110 834	58	9.114 482	59	0.885 518	9.996 352	1	584	
417	9.110 892	58	9.114 541	59	0.885 459	9.996 351	1	583	
418	9.110 950	58	9.114 600	59	0.885 400	9.996 350	1	582	
419	9.111 008	59	9.114 659	60	0.885 341	9.996 349	1	581	
.420	9.111 067	58	9.114 719	59	0.885 281	9.996 348	1	**.580**	
421	9.111 125	58	9.114 778	59	0.885 222	9.996 347	1	579	
422	9.111 183	58	9.114 837	59	0.885 163	9.996 346	1	578	
423	9.111 241	58	9.114 896	59	0.885 104	9.996 345	1	577	
424	9.111 299	59	9.114 955	60	0.885 045	9.996 344	1	576	
425	9.111 358	58	9.115 015	59	0.884 985	9.996 343	1	575	
426	9.111 416	58	9.115 074	59	0.884 926	9.996 342	1	574	
427	9.111 474	58	9.115 133	59	0.884 867	9.996 341	1	573	
428	9.111 532	58	9.115 192	59	0.884 808	9.996 340	1	572	
429	9.111 590	58	9.115 251	59	0.884 749	9.996 339	1	571	
.430	9.111 648	58	9.115 310	59	0.884 690	9.996 338	1	**.570**	
431	9.111 706	58	9.115 369	59	0.884 631	9.996 337	1	569	
432	9.111 765	59	9.115 428	59	0.884 572	9.996 336	1	568	
433	9.111 823	58	9.115 487	59	0.884 513	9.996 335	1	567	
434	9.111 881	58	9.115 547	60	0.884 453	9.996 334	1	566	
435	9.111 939	58	9.115 606	59	0.884 394	9.996 333	1	565	
436	9.111 997	58	9.115 665	59	0.884 335	9.996 332	1	564	
437	9.112 055	58	9.115 724	59	0.884 276	9.996 331	1	563	
438	9.112 113	58	9.115 783	59	0.884 217	9.996 330	1	562	
439	9.112 171	58	9.115 842	59	0.884 158	9.996 329	1	561	
.440	9.112 229	58	9.115 901	59	0.884 099	9.996 328	1	**.560**	
441	9.112 287	58	9.115 960	59	0.884 040	9.996 327	1	559	
442	9.112 345	58	9.116 019	59	0.883 981	9.996 326	1	558	
443	9.112 403	58	9.116 078	59	0.883 922	9.996 325	1	557	
444	9.112 461	58	9.116 137	59	0.883 863	9.996 324	1	556	
445	9.112 519	58	9.116 196	59	0.883 804	9.996 323	1	555	
446	9.112 577	58	9.116 255	59	0.883 745	9.996 322	1	554	
447	9.112 635	58	9.116 314	59	0.883 686	9.996 321	1	553	
448	9.112 693	58	9.116 373	59	0.883 627	9.996 320	1	552	
449	9.112 751	58	9.116 432	59	0.883 568	9.996 319	1	551	
.450	9.112 809	58	9.116 491	59	0.883 509	9.996 318	1	**.550**	
	cos	d	cotg	d	tang	sin	d	**82°**	P.P.

	60
1	6.0
2	12.0
3	18.0
4	24.0
5	30.0
6	36.0
7	42.0
8	48.0
9	54.0

	59
1	5.9
2	11.8
3	17.7
4	23.6
5	29.5
6	35.4
7	41.3
8	47.2
9	53.1

	58
1	5.8
2	11.6
3	17.4
4	23.2
5	29.0
6	34.8
7	40.6
8	46.4
9	52.2

82°.600 — 82°.550

7°.450 — 7°.500

7°	sin	d	tang	d	cotg	cos	d		P.P.
.450	9.112 809	58	9.116 491	59	0.883 509	9.996 318	1	**.550**	
451	9.112 867	58	9.116 550	59	0.883 450	9.996 317	1	549	
452	9.112 925	58	9.116 609	59	0.883 391	9.996 316	1	548	
453	9.112 983	58	9.116 668	59	0.883 332	9.996 315	1	547	
454	9.113 041	58	9.116 727	59	0.883 273	9.996 314	1	546	
455	9.113 099	58	9.116 786	58	0.883 214	9.996 313	1	545	
456	9.113 157	58	9.116 844	59	0.883 156	9.996 312	1	544	
457	9.113 215	58	9.116 903	59	0.883 097	9.996 311	1	543	
458	9.113 273	58	9.116 962	59	0.883 038	9.996 310	1	542	
459	9.113 331	57	9.117 021	59	0.882 979	9.996 309	1	541	
.460	9.113 388	58	9.117 080	59	0.882 920	9.996 308	1	**.540**	
461	9.113 446	58	9.117 139	59	0.882 861	9.996 307	1	539	
462	9.113 504	58	9.117 198	59	0.882 802	9.996 306	1	538	
463	9.113 562	58	9.117 257	59	0.882 743	9.996 305	1	537	
464	9.113 620	58	9.117 316	58	0.882 684	9.996 304	1	536	
465	9.113 678	58	9.117 374	59	0.882 626	9.996 303	1	535	
466	9.113 736	57	9.117 433	59	0.882 567	9.996 302	1	534	
467	9.113 793	58	9.117 492	59	0.882 508	9.996 301	1	533	
468	9.113 851	58	9.117 551	59	0.882 449	9.996 300	1	532	
469	9.113 909	58	9.117 610	58	0.882 390	9.996 299	1	531	
.470	9.113 967	58	9.117 668	59	0.882 332	9.996 298	1	**.530**	
471	9.114 025	58	9.117 727	59	0.882 273	9.996 297	1	529	
472	9.114 083	57	9.117 786	59	0.882 214	9.996 296	1	528	
473	9.114 140	58	9.117 845	59	0.882 155	9.996 295	1	527	
474	9.114 198	58	9.117 904	58	0.882 096	9.996 294	1	526	
475	9.114 256	58	9.117 962	59	0.882 038	9.996 293	1	525	
476	9.114 314	57	9.118 021	59	0.881 979	9.996 292	1	524	
477	9.114 371	58	9.118 080	59	0.881 920	9.996 291	1	523	
478	9.114 429	58	9.118 139	58	0.881 861	9.996 290	1	522	
479	9.114 487	58	9.118 197	59	0.881 803	9.996 289	1	521	
.480	9.114 545	57	9.118 256	59	0.881 744	9.996 288	0	**.520**	
481	9.114 602	58	9.118 315	59	0.881 685	9.996 288	1	519	
482	9.114 660	58	9.118 374	58	0.881 626	9.996 287	1	518	
483	9.114 718	57	9.118 432	59	0.881 568	9.996 286	1	517	
484	9.114 775	58	9.118 491	59	0.881 509	9.996 285	1	516	
485	9.114 833	58	9.118 550	58	0.881 450	9.996 284	1	515	
486	9.114 891	58	9.118 608	59	0.881 392	9.996 283	1	514	
487	9.114 949	57	9.118 667	59	0.881 333	9.996 282	1	513	
488	9.115 006	58	9.118 726	58	0.881 274	9.996 281	1	512	
489	9.115 064	58	9.118 784	59	0.881 216	9.996 280	1	511	
.490	9.115 122	57	9.118 843	59	0.881 157	9.996 279	1	**.510**	
491	9.115 179	58	9.118 902	58	0.881 098	9.996 278	1	509	
492	9.115 237	57	9.118 960	59	0.881 040	9.996 277	1	508	
493	9.115 294	58	9.119 019	59	0.880 981	9.996 276	1	507	
494	9.115 352	58	9.119 078	58	0.880 922	9.996 275	1	506	
495	9.115 410	57	9.119 136	59	0.880 864	9.996 274	1	505	
496	9.115 467	58	9.119 195	58	0.880 805	9.996 273	1	504	
497	9.115 525	58	9.119 253	59	0.880 747	9.996 272	1	503	
498	9.115 583	57	9.119 312	59	0.880 688	9.996 271	1	502	
499	9.115 640	58	9.119 371	58	0.880 629	9.996 270	1	501	
.500	9.115 698		9.119 429		0.880 571	9.996 269		**.500**	
	cos	d	cotg	d	tang	sin	d	**82°**	P.P.

	59
1	5.9
2	11.8
3	17.7
4	23.6
5	29.5
6	35.4
7	41.3
8	47.2
9	53.1

	58
1	5.8
2	11.6
3	17.4
4	23.2
5	29.0
6	34.8
7	40.6
8	46.4
9	52.2

	57
1	5.7
2	11.4
3	17.1
4	22.8
5	28.5
6	34.2
7	39.9
8	45.6
9	51.3

82°.550 — 82°.500

7°.500 — 7°.550

7°	sin	d	tang	d	cotg	cos	d		P.P.
.500	9.115 698		9.119 429		0.880 571	9.996 269		**.500**	
		57		59			1		
501	9.115 755		9.119 488		0.880 512	9.996 268		499	
		58		58			1		
502	9.115 813		9.119 546		0.880 454	9.996 267		498	
		57		59			1		
503	9.115 870		9.119 605		0.880 395	9.996 266		497	
		58		58			1		
504	9.115 928		9.119 663		0.880 337	9.996 265		496	
		57		59			1		
505	9.115 985		9.119 722		0.880 278	9.996 264		495	
		58		58			1		
506	9.116 043		9.119 780		0.880 220	9.996 263		494	
		58		59			1		
507	9.116 101		9.119 839		0.880 161	9.996 262		493	
		57		58			1		
508	9.116 158		9.119 897		0.880 103	9.996 261		492	
		58		59			1		
509	9.116 216		9.119 956		0.880 044	9.996 260		491	
		57		58			1		
.510	9.116 273		9.120 014		0.879 986	9.996 259		**.490**	
		58		59			1		
511	9.116 331		9.120 073		0.879 927	9.996 258		489	
		57		58			1		
512	9.116 388		9.120 131		0.879 869	9.996 257		488	
		57		59			1		
513	9.116 445		9.120 190		0.879 810	9.996 256		487	
		58		58			1		
514	9.116 503		9.120 248		0.879 752	9.996 255		486	
		57		59			1		
515	9.116 560		9.120 307		0.879 693	9.996 254		485	
		58		58			1		
516	9.116 618		9.120 365		0.879 635	9.996 253		484	
		57		59			1		
517	9.116 675		9.120 424		0.879 576	9.996 252		483	
		58		58			1		
518	9.116 733		9.120 482		0.879 518	9.996 251		482	
		57		59			1		
519	9.116 790		9.120 541		0.879 459	9.996 250		481	
		58		58			1		
.520	9.116 848		9.120 599		0.879 401	9.996 249		**.480**	
		57		58			1		
521	9.116 905		9.120 657		0.879 343	9.996 248		479	
		57		59			1		
522	9.116 962		9.120 716		0.879 284	9.996 247		478	
		58		58			1		
523	9.117 020		9.120 774		0.879 226	9.996 246		477	
		57		59			1		
524	9.117 077		9.120 833		0.879 167	9.996 245		476	
		58		58			1		
525	9.117 135		9.120 891		0.879 109	9.996 244		475	
		57		58			1		
526	9.117 192		9.120 949		0.879 051	9.996 243		474	
		57		59			1		
527	9.117 249		9.121 008		0.878 992	9.996 242		473	
		58		58			1		
528	9.117 307		9.121 066		0.878 934	9.996 241		472	
		57		59			1		
529	9.117 364		9.121 125		0.878 875	9.996 240		471	
		57		58			1		
.530	9.117 421		9.121 183		0.878 817	9.996 239		**.470**	
		58		58			1		
531	9.117 479		9.121 241		0.878 759	9.996 238		469	
		57		59			1		
532	9.117 536		9.121 300		0.878 700	9.996 237		468	
		57		58			1		
533	9.117 593		9.121 358		0.878 642	9.996 236		467	
		58		58			1		
534	9.117 651		9.121 416		0.878 584	9.996 235		466	
		57		58			1		
535	9.117 708		9.121 474		0.878 526	9.996 234		465	
		57		59			1		
536	9.117 765		9.121 533		0.878 467	9.996 233		464	
		58		58			1		
537	9.117 823		9.121 591		0.878 409	9.996 232		463	
		57		58			1		
538	9.117 880		9.121 649		0.878 351	9.996 231		462	
		57		59			1		
539	9.117 937		9.121 708		0.878 292	9.996 230		461	
		57		58			1		
.540	9.117 994		9.121 766		0.878 234	9.996 229		**.460**	
		58		58			1		
541	9.118 052		9.121 824		0.878 176	9.996 228		459	
		57		58			1		
542	9.118 109		9.121 882		0.878 118	9.996 227		458	
		57		59			1		
543	9.118 166		9.121 941		0.878 059	9.996 226		457	
		57		58			1		
544	9.118 223		9.121 999		0.878 001	9.996 225		456	
		58		58			1		
545	9.118 281		9.122 057		0.877 943	9.996 224		455	
		57		58			1		
546	9.118 338		9.122 115		0.877 885	9.996 223		454	
		57		59			1		
547	9.118 395		9.122 174		0.877 826	9.996 222		453	
		57		58			1		
548	9.118 452		9.122 232		0.877 768	9.996 221		452	
		58		58			1		
549	9.118 510		9.122 290		0.877 710	9.996 220		451	
		57		58			1		
.550	9.118 567		9.122 348		0.877 652	9.996 219		**.450**	
	cos	d	cotg	d	tang	sin	d	**82°**	P.P.

	59
1	5.9
2	11.8
3	17.7
4	23.6
5	29.5
6	35.4
7	41.3
8	47.2
9	53.1

	58
1	5.8
2	11.6
3	17.4
4	23.2
5	29.0
6	34.8
7	40.6
8	46.4
9	52.2

	57
1	5.7
2	11.4
3	17.1
4	22.8
5	28.5
6	34.2
7	39.9
8	45.6
9	51.3

82°.500 — 82°.450

7°.550 — 7°.600

7°	sin	d	tang	d	cotg	cos	d		P.P.
.550	9.118 567	57	9.122 348	58	0.877 652	9.996 219	2	**.450**	
551	9.118 624	57	9.122 406	59	0.877 594	9.996 217	1	449	
552	9.118 681	57	9.122 465	58	0.877 535	9.996 216	1	448	
553	9.118 738	57	9.122 523	58	0.877 477	9.996 215	1	447	
554	9.118 795	58	9.122 581	58	0.877 419	9.996 214	1	446	
555	9.118 853	57	9.122 639	58	0.877 361	9.996 213	1	445	
556	9.118 910	57	9.122 697	58	0.877 303	9.996 212	1	444	
557	9.118 967	57	9.122 755	59	0.877 245	9.996 211	1	443	
558	9.119 024	57	9.122 814	58	0.877 186	9.996 210	1	442	
559	9.119 081	57	9.122 872	58	0.877 128	9.996 209	1	441	
.560	9.119 138	57	9.122 930	58	0.877 070	9.996 208	1	**.440**	
561	9.119 195	57	9.122 988	58	0.877 012	9.996 207	1	439	
562	9.119 252	57	9.123 046	58	0.876 954	9.996 206	1	438	
563	9.119 310	58	9.123 104	58	0.876 896	9.996 205	1	437	
564	9.119 367	57	9.123 162	58	0.876 838	9.996 204	1	436	
565	9.119 424	57	9.123 220	58	0.876 780	9.996 203	1	435	
566	9.119 481	57	9.123 278	58	0.876 722	9.996 202	1	434	
567	9.119 538	57	9.123 336	59	0.876 664	9.996 201	1	433	
568	9.119 595	57	9.123 395	58	0.876 605	9.996 200	1	432	
569	9.119 652	57	9.123 453	58	0.876 547	9.996 199	1	431	
.570	9.119 709	57	9.123 511	58	0.876 489	9.996 198	1	**.430**	
571	9.119 766	57	9.123 569	58	0.876 431	9.996 197	1	429	
572	9.119 823	57	9.123 627	58	0.876 373	9.996 196	1	428	
573	9.119 880	57	9.123 685	58	0.876 315	9.996 195	1	427	
574	9.119 937	57	9.123 743	58	0.876 257	9.996 194	1	426	
575	9.119 994	57	9.123 801	58	0.876 199	9.996 193	1	425	
576	9.120 051	57	9.123 859	58	0.876 141	9.996 192	1	424	
577	9.120 108	57	9.123 917	58	0.876 083	9.996 191	1	423	
578	9.120 165	57	9.123 975	58	0.876 025	9.996 190	1	422	
579	9.120 222	57	9.124 033	58	0.875 967	9.996 189	1	421	
.580	9.120 279	57	9.124 091	58	0.875 909	9.996 188	1	**.420**	
581	9.120 336	57	9.124 149	58	0.875 851	9.996 187	1	419	
582	9.120 393	57	9.124 207	58	0.875 793	9.996 186	1	418	
583	9.120 450	57	9.124 265	58	0.875 735	9.996 185	1	417	
584	9.120 507	57	9.124 322	57	0.875 678	9.996 184	1	416	
585	9.120 564	57	9.124 380	58	0.875 620	9.996 183	1	415	
586	9.120 621	57	9.124 438	58	0.875 562	9.996 182	1	414	
587	9.120 678	57	9.124 496	58	0.875 504	9.996 181	1	413	
588	9.120 734	56	9.124 554	58	0.875 446	9.996 180	1	412	
589	9.120 791	57	9.124 612	58	0.875 388	9.996 179	1	411	
.590	9.120 848	57	9.124 670	58	0.875 330	9.996 178	1	**.410**	
591	9.120 905	57	9.124 728	58	0.875 272	9.996 177	1	409	
592	9.120 962	57	9.124 786	58	0.875 214	9.996 176	1	408	
593	9.121 019	57	9.124 844	58	0.875 156	9.996 175	1	407	
594	9.121 076	57	9.124 902	57	0.875 098	9.996 174	1	406	
595	9.121 133	56	9.124 959	58	0.875 041	9.996 173	1	405	
596	9.121 189	57	9.125 017	58	0.874 983	9.996 172	1	404	
597	9.121 246	57	9.125 075	58	0.874 925	9.996 171	1	403	
598	9.121 303	57	9.125 133	58	0.874 867	9.996 170	1	402	
599	9.121 360	57	9.125 191	58	0.874 809	9.996 169	1	401	
.600	9.121 417		9.125 249		0.874 751	9.996 168		**.400**	
	cos	d	cotg	d	tang	sin	d	**82°**	P.P.

	59
1	5.9
2	11.8
3	17.7
4	23.6
5	29.5
6	35.4
7	41.3
8	47.2
9	53.1

	58
1	5.8
2	11.6
3	17.4
4	23.2
5	29.0
6	34.8
7	40.6
8	46.4
9	52.2

	57
1	5.7
2	11.4
3	17.1
4	22.8
5	28.5
6	34.2
7	39.9
8	45.6
9	51.3

	56
1	5.6
2	11.2
3	16.8
4	22.4
5	28.0
6	33.6
7	39.2
8	44.8
9	50.4

82°.450 — 82°.400

7°.600 — 7°.650

7°	sin	d	tang	d	cotg	cos	d		P.P.
.600	9.121 417	56	9.125 249	57	0.874 751	9.996 168	1	**.400**	
601	9.121 473	57	9.125 306	58	0.874 694	9.996 167	1	399	
602	9.121 530	57	9.125 364	58	0.874 636	9.996 166	1	398	
603	9.121 587	57	9.125 422	58	0.874 578	9.996 165	1	397	
604	9.121 644	57	9.125 480	58	0.874 520	9.996 164	1	396	
605	9.121 701	56	9.125 538	57	0.874 462	9.996 163	1	395	
606	9.121 757	57	9.125 595	58	0.874 405	9.996 162	1	394	
607	9.121 814	57	9.125 653	58	0.874 347	9.996 161	1	393	
608	9.121 871	57	9.125 711	58	0.874 289	9.996 160	1	392	
609	9.121 928	56	9.125 769	57	0.874 231	9.996 159	1	391	
.610	9.121 984	57	9.125 826	58	0.874 174	9.996 158	1	**.390**	
611	9.122 041	57	9.125 884	58	0.874 116	9.996 157	1	389	
612	9.122 098	57	9.125 942	58	0.874 058	9.996 156	1	388	
613	9.122 155	56	9.126 000	57	0.874 000	9.996 155	1	387	
614	9.122 211	57	9.126 057	58	0.873 943	9.996 154	1	386	
615	9.122 268	57	9.126 115	58	0.873 885	9.996 153	1	385	
616	9.122 325	56	9.126 173	57	0.873 827	9.996 152	1	384	
617	9.122 381	57	9.126 230	58	0.873 770	9.996 151	1	383	
618	9.122 438	57	9.126 288	58	0.873 712	9.996 150	1	382	
619	9.122 495	56	9.126 346	57	0.873 654	9.996 149	1	381	
.620	9.122 551	57	9.126 403	58	0.873 597	9.996 148	1	**.380**	
621	9.122 608	57	9.126 461	58	0.873 539	9.996 147	1	379	
622	9.122 665	56	9.126 519	57	0.873 481	9.996 146	1	378	
623	9.122 721	57	9.126 576	58	0.873 424	9.996 145	1	377	
624	9.122 778	57	9.126 634	58	0.873 366	9.996 144	1	376	
625	9.122 835	56	9.126 692	57	0.873 308	9.996 143	1	375	
626	9.122 891	57	9.126 749	58	0.873 251	9.996 142	1	374	
627	9.122 948	56	9.126 807	58	0.873 193	9.996 141	1	373	
628	9.123 004	57	9.126 865	57	0.873 135	9.996 140	1	372	
629	9.123 061	57	9.126 922	58	0.873 078	9.996 139	1	371	
.630	9.123 118	56	9.126 980	57	0.873 020	9.996 138	1	**.370**	
631	9.123 174	57	9.127 037	58	0.872 963	9.996 137	1	369	
632	9.123 231	56	9.127 095	58	0.872 905	9.996 136	1	368	
633	9.123 287	57	9.127 153	57	0.872 847	9.996 135	1	367	
634	9.123 344	56	9.127 210	58	0.872 790	9.996 134	1	366	
635	9.123 400	57	9.127 268	57	0.872 732	9.996 133	1	365	
636	9.123 457	56	9.127 325	58	0.872 675	9.996 132	1	364	
637	9.123 513	57	9.127 383	57	0.872 617	9.996 131	1	363	
638	9.123 570	56	9.127 440	58	0.872 560	9.996 130	1	362	
639	9.123 626	57	9.127 498	57	0.872 502	9.996 129	1	361	
.640	9.123 683	56	9.127 555	58	0.872 445	9.996 128	1	**.360**	
641	9.123 739	57	9.127 613	57	0.872 387	9.996 127	1	359	
642	9.123 796	56	9.127 670	58	0.872 330	9.996 126	2	358	
643	9.123 852	57	9.127 728	57	0.872 272	9.996 124	1	357	
644	9.123 909	56	9.127 785	58	0.872 215	9.996 123	1	356	
645	9.123 965	57	9.127 843	57	0.872 157	9.996 122	1	355	
646	9.124 022	56	9.127 900	58	0.872 100	9.996 121	1	354	
647	9.124 078	57	9.127 958	57	0.872 042	9.996 120	1	353	
648	9.124 135	56	9.128 015	58	0.871 985	9.996 119	1	352	
649	9.124 191	57	9.128 073	57	0.871 927	9.996 118	1	351	
.650	9.124 248		9.128 130		0.871 870	9.996 117		**.350**	
	cos	d	cotg	d	tang	sin	d	**82°**	P.P.

	58
1	5.8
2	11.6
3	17.4
4	23.2
5	29.0
6	34.8
7	40.6
8	46.4
9	52.2

	57
1	5.7
2	11.4
3	17.1
4	22.8
5	28.5
6	34.2
7	39.9
8	45.6
9	51.3

	56
1	5.6
2	11.2
3	16.8
4	22.4
5	28.0
6	33.6
7	39.2
8	44.8
9	50.4

82°.400 — 82°.350

7°.650 — 7°.700

7°	sin	d	tang	d	cotg	cos	d		P.P.
.650	9.124 248	56	9.128 130	58	0.871 870	9.996 117	1	**.350**	
651	9.124 304	57	9.128 188	57	0.871 812	9.996 116	1	349	
652	9.124 361	56	9.128 245	58	0.871 755	9.996 115	1	348	
653	9.124 417	56	9.128 303	57	0.871 697	9.996 114	1	347	
654	9.124 473	57	9.128 360	57	0.871 640	9.996 113	1	346	
655	9.124 530	56	9.128 417	58	0.871 583	9.996 112	1	345	
656	9.124 586	57	9.128 475	57	0.871 525	9.996 111	1	344	
657	9.124 643	56	9.128 532	58	0.871 468	9.996 110	1	343	
658	9.124 699	56	9.128 590	57	0.871 410	9.996 109	1	342	
659	9.124 755	57	9.128 647	57	0.871 353	9.996 108	1	341	
.660	9.124 812	56	9.128 704	58	0.871 296	9.996 107	1	**.340**	
661	9.124 868	56	9.128 762	57	0.871 238	9.996 106	1	339	
662	9.124 924	57	9.128 819	58	0.871 181	9.996 105	1	338	
663	9.124 981	56	9.128 877	57	0.871 123	9.996 104	1	337	
664	9.125 037	56	9.128 934	57	0.871 066	9.996 103	1	336	
665	9.125 093	57	9.128 991	58	0.871 009	9.996 102	1	335	
666	9.125 150	56	9.129 049	57	0.870 951	9.996 101	1	334	
667	9.125 206	56	9.129 106	57	0.870 894	9.996 100	1	333	
668	9.125 262	57	9.129 163	58	0.870 837	9.996 099	1	332	
669	9.125 319	56	9.129 221	57	0.870 779	9.996 098	1	331	
.670	9.125 375	56	9.129 278	57	0.870 722	9.996 097	1	**.330**	
671	9.125 431	56	9.129 335	57	0.870 665	9.996 096	1	329	
672	9.125 487	57	9.129 392	58	0.870 608	9.996 095	1	328	
673	9.125 544	56	9.129 450	57	0.870 550	9.996 094	1	327	
674	9.125 600	56	9.129 507	57	0.870 493	9.996 093	1	326	
675	9.125 656	56	9.129 564	58	0.870 436	9.996 092	1	325	
676	9.125 712	57	9.129 622	57	0.870 378	9.996 091	1	324	
677	9.125 769	56	9.129 679	57	0.870 321	9.996 090	1	323	
678	9.125 825	56	9.129 736	57	0.870 264	9.996 089	1	322	
679	9.125 881	56	9.129 793	58	0.870 207	9.996 088	1	321	
.680	9.125 937	57	9.129 851	57	0.870 149	9.996 087	1	**.320**	
681	9.125 994	56	9.129 908	57	0.870 092	9.996 086	1	319	
682	9.126 050	56	9.129 965	57	0.870 035	9.996 085	1	318	
683	9.126 106	56	9.130 022	57	0.869 978	9.996 084	1	317	
684	9.126 162	56	9.130 079	58	0.869 921	9.996 083	1	316	
685	9.126 218	56	9.130 137	57	0.869 863	9.996 082	1	315	
686	9.126 274	57	9.130 194	57	0.869 806	9.996 081	1	314	
687	9.126 331	56	9.130 251	57	0.869 749	9.996 080	1	313	
688	9.126 387	56	9.130 308	57	0.869 692	9.996 079	1	312	
689	9.126 443	56	9.130 365	58	0.869 635	9.996 078	1	311	
.690	9.126 499	56	9.130 423	57	0.869 577	9.996 077	1	**.310**	
691	9.126 555	56	9.130 480	57	0.869 520	9.996 076	2	309	
692	9.126 611	56	9.130 537	57	0.869 463	9.996 074	1	308	
693	9.126 667	57	9.130 594	57	0.869 406	9.996 073	1	307	
694	9.126 724	56	9.130 651	57	0.869 349	9.996 072	1	306	
695	9.126 780	56	9.130 708	57	0.869 292	9.996 071	1	305	
696	9.126 836	56	9.130 765	57	0.869 235	9.996 070	1	304	
697	9.126 892	56	9.130 822	58	0.869 178	9.996 069	1	303	
698	9.126 948	56	9.130 880	57	0.869 120	9.996 068	1	302	
699	9.127 004	56	9.130 937	57	0.869 063	9.996 067	1	301	
.700	9.127 060		9.130 994		0.869 006	9.996 066		**.300**	
	cos	d	cotg	d	tang	sin	d	**82°**	P.P.

	58
1	5.8
2	11.6
3	17.4
4	23.2
5	29.0
6	34.8
7	40.6
8	46.4
9	52.2

	57
1	5.7
2	11.4
3	17.1
4	22.8
5	28.5
6	34.2
7	39.9
8	45.6
9	51.3

	56
1	5.6
2	11.2
3	16.8
4	22.4
5	28.0
6	33.6
7	39.2
8	44.8
9	50.4

82°.350 — 82°.300

7°.700 — 7°.750

7°	sin	d	tang	d	cotg	cos	d		P.P.
.700	9.127 060	56	9.130 994	57	0.869 006	9.996 066	1	**.300**	
701	9.127 116	56	9.131 051	57	0.868 949	9.996 065	1	299	
702	9.127 172	56	9.131 108	57	0.868 892	9.996 064	1	298	
703	9.127 228	56	9.131 165	57	0.868 835	9.996 063	1	297	
704	9.127 284	56	9.131 222	57	0.868 778	9.996 062	1	296	
705	9.127 340	56	9.131 279	57	0.868 721	9.996 061	1	295	
706	9.127 396	56	9.131 336	57	0.868 664	9.996 060	1	294	
707	9.127 452	56	9.131 393	57	0.868 607	9.996 059	1	293	57
708	9.127 508	56	9.131 450	57	0.868 550	9.996 058	1	292	1 5.7
709	9.127 564	56	9.131 507	57	0.868 493	9.996 057	1	291	2 11.4
.710	9.127 620	56	9.131 564	57	0.868 436	9.996 056	1	**.290**	3 17.1
711	9.127 676	56	9.131 621	57	0.868 379	9.996 055	1	289	4 22.8
712	9.127 732	56	9.131 678	57	0.868 322	9.996 054	1	288	5 28.5
713	9.127 788	56	9.131 735	57	0.868 265	9.996 053	1	287	6 34.2
714	9.127 844	56	9.131 792	57	0.868 208	9.996 052	1	286	7 39.9
715	9.127 900	56	9.131 849	57	0.868 151	9.996 051	1	285	8 45.6
716	9.127 956	56	9.131 906	57	0.868 094	9.996 050	1	284	9 51.3
717	9.128 012	56	9.131 963	57	0.868 037	9.996 049	1	283	
718	9.128 068	56	9.132 020	57	0.867 980	9.996 048	1	282	
719	9.128 124	56	9.132 077	57	0.867 923	9.996 047	1	281	
.720	9.128 180	56	9.132 134	57	0.867 866	9.996 046	1	**.280**	
721	9.128 236	56	9.132 191	57	0.867 809	9.996 045	1	279	56
722	9.128 292	56	9.132 248	57	0.867 752	9.996 044	1	278	1 5.6
723	9.128 348	55	9.132 305	57	0.867 695	9.996 043	1	277	2 11.2
724	9.128 403	56	9.132 362	57	0.867 638	9.996 042	1	276	3 16.8
725	9.128 459	56	9.132 419	57	0.867 581	9.996 041	1	275	4 22.4
726	9.128 515	56	9.132 476	56	0.867 524	9.996 040	1	274	5 28.0
727	9.128 571	56	9.132 532	57	0.867 468	9.996 039	1	273	6 33.6
728	9.128 627	56	9.132 589	57	0.867 411	9.996 038	1	272	7 39.2
729	9.128 683	56	9.132 646	57	0.867 354	9.996 037	1	271	8 44.8
.730	9.128 739	56	9.132 703	57	0.867 297	9.996 035	2	**.270**	9 50.4
731	9.128 794	55	9.132 760	57	0.867 240	9.996 034	1	269	
732	9.128 850	56	9.132 817	57	0.867 183	9.996 033	1	268	
733	9.128 906	56	9.132 874	57	0.867 126	9.996 032	1	267	
734	9.128 962	56	9.132 931	56	0.867 069	9.996 031	1	266	
735	9.129 018	56	9.132 987	57	0.867 013	9.996 030	1	265	
736	9.129 073	55	9.133 044	57	0.866 956	9.996 029	1	264	55
737	9.129 129	56	9.133 101	57	0.866 899	9.996 028	1	263	1 5.5
738	9.129 185	56	9.133 158	57	0.866 842	9.996 027	1	262	2 11.0
739	9.129 241	56	9.133 215	57	0.866 785	9.996 026	1	261	3 16.5
.740	9.129 297	55	9.133 271	56	0.866 729	9.996 025	1	**.260**	4 22.0
741	9.129 352	56	9.133 328	57	0.866 672	9.996 024	1	259	5 27.5
742	9.129 408	56	9.133 385	57	0.866 615	9.996 023	1	258	6 33.0
743	9.129 464	56	9.133 442	57	0.866 558	9.996 022	1	257	7 38.5
744	9.129 520	55	9.133 499	56	0.866 501	9.996 021	1	256	8 44.0
745	9.129 575	56	9.133 555	57	0.866 445	9.996 020	1	255	9 49.5
746	9.129 631	56	9.133 612	57	0.866 388	9.996 019	1	254	
747	9.129 687	56	9.133 669	57	0.866 331	9.996 018	1	253	
748	9.129 743	55	9.133 726	56	0.866 274	9.996 017	1	252	
749	9.129 798	56	9.133 782	57	0.866 218	9.996 016	1	251	
.750	9.129 854		9.133 839		0.866 161	9.996 015		**.250**	
	cos	d	cotg	d	tang	sin	d	**82°**	P.P.

82°.300 — 82°.250

7°.750 — 7°.800

7°	sin	d	tang	d	cotg	cos	d		P.P.
.750	9.129 854	56	9.133 839	57	0.866 161	9.996 015	1	**.250**	
751	9.129 910	55	9.133 896	57	0.866 104	9.996 014	1	249	
752	9.129 965	56	9.133 953	56	0.866 047	9.996 013	1	248	
753	9.130 021	56	9.134 009	57	0.865 991	9.996 012	1	247	
754	9.130 077	55	9.134 066	57	0.865 934	9.996 011	1	246	
755	9.130 132	56	9.134 123	56	0.865 877	9.996 010	1	245	
756	9.130 188	56	9.134 179	57	0.865 821	9.996 009	1	244	
757	9.130 244	55	9.134 236	57	0.865 764	9.996 008	1	243	
758	9.130 299	56	9.134 293	56	0.865 707	9.996 007	1	242	
759	9.130 355	56	9.134 349	57	0.865 651	9.996 006	1	241	
.760	9.130 411	55	9.134 406	57	0.865 594	9.996 005	1	**.240**	
761	9.130 466	56	9.134 463	56	0.865 537	9.996 004	2	239	
762	9.130 522	55	9.134 519	57	0.865 481	9.996 002	1	238	
763	9.130 577	56	9.134 576	57	0.865 424	9.996 001	1	237	
764	9.130 633	56	9.134 633	56	0.865 367	9.996 000	1	236	
765	9.130 689	55	9.134 689	57	0.865 311	9.995 999	1	235	
766	9.130 744	56	9.134 746	56	0.865 254	9.995 998	1	234	
767	9.130 800	55	9.134 802	57	0.865 198	9.995 997	1	233	
768	9.130 855	56	9.134 859	57	0.865 141	9.995 996	1	232	
769	9.130 911	55	9.134 916	56	0.865 084	9.995 995	1	231	
.770	9.130 966	56	9.134 972	57	0.865 028	9.995 994	1	**.230**	
771	9.131 022	55	9.135 029	56	0.864 971	9.995 993	1	229	
772	9.131 077	56	9.135 085	57	0.864 915	9.995 992	1	228	
773	9.131 133	56	9.135 142	56	0.864 858	9.995 991	1	227	
774	9.131 189	55	9.135 198	57	0.864 802	9.995 990	1	226	
775	9.131 244	56	9.135 255	57	0.864 745	9.995 989	1	225	
776	9.131 300	55	9.135 312	56	0.864 688	9.995 988	1	224	
777	9.131 355	56	9.135 368	57	0.864 632	9.995 987	1	223	
778	9.131 411	55	9.135 425	56	0.864 575	9.995 986	1	222	
779	9.131 466	56	9.135 481	57	0.864 519	9.995 985	1	221	
.780	9.131 522	55	9.135 538	56	0.864 462	9.995 984	1	**.220**	
781	9.131 577	55	9.135 594	57	0.864 406	9.995 983	1	219	
782	9.131 632	56	9.135 651	56	0.864 349	9.995 982	1	218	
783	9.131 688	55	9.135 707	57	0.864 293	9.995 981	1	217	
784	9.131 743	56	9.135 764	56	0.864 236	9.995 980	1	216	
785	9.131 799	55	9.135 820	57	0.864 180	9.995 979	1	215	
786	9.131 854	56	9.135 877	56	0.864 123	9.995 978	1	214	
787	9.131 910	55	9.135 933	57	0.864 067	9.995 977	1	213	
788	9.131 965	56	9.135 990	56	0.864 010	9.995 976	1	212	
789	9.132 021	55	9.136 046	56	0.863 954	9.995 975	1	211	
.790	9.132 076	55	9.136 102	57	0.863 898	9.995 974	2	**.210**	
791	9.132 131	56	9.136 159	56	0.863 841	9.995 972	1	209	
792	9.132 187	55	9.136 215	57	0.863 785	9.995 971	1	208	
793	9.132 242	56	9.136 272	56	0.863 728	9.995 970	1	207	
794	9.132 298	55	9.136 328	57	0.863 672	9.995 969	1	206	
795	9.132 353	55	9.136 385	56	0.863 615	9.995 968	1	205	
796	9.132 408	56	9.136 441	56	0.863 559	9.995 967	1	204	
797	9.132 464	55	9.136 497	57	0.863 503	9.995 966	1	203	
798	9.132 519	55	9.136 554	56	0.863 446	9.995 965	1	202	
799	9.132 574	56	9.136 610	57	0.863 390	9.995 964	1	201	
.800	9.132 630		9.136 667		0.863 333	9.995 963		**.200**	
	cos	d	cotg	d	tang	sin	d	**82°**	P.P.

	57
1	5.7
2	11.4
3	17.1
4	22.8
5	28.5
6	34.2
7	39.9
8	45.6
9	51.3

	56
1	5.6
2	11.2
3	16.8
4	22.4
5	28.0
6	33.6
7	39.2
8	44.8
9	50.4

	55
1	5.5
2	11.0
3	16.5
4	22.0
5	27.5
6	33.0
7	38.5
8	44.0
9	49.5

82°.250 — 82°.200

7°.800 — 7°.850

7°	sin	d	tang	d	cotg	cos	d		P.P.
.800	9.132 630	55	9.136 667	56	0.863 333	9.995 963	1	**.200**	
801	9.132 685	55	9.136 723	56	0.863 277	9.995 962	1	199	
802	9.132 740	56	9.136 779	57	0.863 221	9.995 961	1	198	
803	9.132 796	55	9.136 836	56	0.863 164	9.995 960	1	197	
804	9.132 851	55	9.136 892	56	0.863 108	9.995 959	1	196	
805	9.132 906	56	9.136 948	57	0.863 052	9.995 958	1	195	
806	9.132 962	55	9.137 005	56	0.862 995	9.995 957	1	194	
807	9.133 017	55	9.137 061	56	0.862 939	9.995 956	1	193	
808	9.133 072	55	9.137 117	57	0.862 883	9.995 955	1	192	
809	9.133 127	56	9.137 174	56	0.862 826	9.995 954	1	191	
.810	9.133 183	55	9.137 230	56	0.862 770	9.995 953	1	**.190**	
811	9.133 238	55	9.137 286	57	0.862 714	9.995 952	1	189	
812	9.133 293	55	9.137 343	56	0.862 657	9.995 951	1	188	
813	9.133 348	56	9.137 399	56	0.862 601	9.995 950	1	187	
814	9.133 404	55	9.137 455	56	0.862 545	9.995 949	1	186	
815	9.133 459	55	9.137 511	57	0.862 489	9.995 948	1	185	
816	9.133 514	55	9.137 568	56	0.862 432	9.995 947	2	184	
817	9.133 569	56	9.137 624	56	0.862 376	9.995 945	1	183	
818	9.133 625	55	9.137 680	56	0.862 320	9.995 944	1	182	
819	9.133 680	55	9.137 736	57	0.862 264	9.995 943	1	181	
.820	9.133 735	55	9.137 793	56	0.862 207	9.995 942	1	**.180**	
821	9.133 790	55	9.137 849	56	0.862 151	9.995 941	1	179	
822	9.133 845	55	9.137 905	56	0.862 095	9.995 940	1	178	
823	9.133 900	56	9.137 961	56	0.862 039	9.995 939	1	177	
824	9.133 956	55	9.138 017	57	0.861 983	9.995 938	1	176	
825	9.134 011	55	9.138 074	56	0.861 926	9.995 937	1	175	
826	9.134 066	55	9.138 130	56	0.861 870	9.995 936	1	174	
827	9.134 121	55	9.138 186	56	0.861 814	9.995 935	1	173	
828	9.134 176	55	9.138 242	56	0.861 758	9.995 934	1	172	
829	9.134 231	55	9.138 298	57	0.861 702	9.995 933	1	171	
.830	9.134 286	56	9.138 355	56	0.861 645	9.995 932	1	**.170**	
831	9.134 342	55	9.138 411	56	0.861 589	9.995 931	1	169	
832	9.134 397	55	9.138 467	56	0.861 533	9.995 930	1	168	
833	9.134 452	55	9.138 523	56	0.861 477	9.995 929	1	167	
834	9.134 507	55	9.138 579	56	0.861 421	9.995 928	1	166	
835	9.134 562	55	9.138 635	56	0.861 365	9.995 927	1	165	
836	9.134 617	55	9.138 691	57	0.861 309	9.995 926	1	164	
837	9.134 672	55	9.138 748	56	0.861 252	9.995 925	1	163	
838	9.134 727	55	9.138 804	56	0.861 196	9.995 924	1	162	
839	9.134 782	55	9.138 860	56	0.861 140	9.995 923	1	161	
.840	9.134 837	55	9.138 916	56	0.861 084	9.995 921	2	**.160**	
841	9.134 892	55	9.138 972	56	0.861 028	9.995 920	1	159	
842	9.134 947	55	9.139 028	56	0.860 972	9.995 919	1	158	
843	9.135 002	55	9.139 084	56	0.860 916	9.995 918	1	157	
844	9.135 057	55	9.139 140	56	0.860 860	9.995 917	1	156	
845	9.135 112	55	9.139 196	56	0.860 804	9.995 916	1	155	
846	9.135 167	55	9.139 252	56	0.860 748	9.995 915	1	154	
847	9.135 222	55	9.139 308	56	0.860 692	9.995 914	1	153	
848	9.135 277	55	9.139 364	56	0.860 636	9.995 913	1	152	
849	9.135 332	55	9.139 420	56	0.860 580	9.995 912	1	151	
.850	9.135 387	55	9.139 476	56	0.860 524	9.995 911	1	**.150**	
	cos	d	cotg	d	tang	sin	d	**82°**	P.P.

	57
1	5.7
2	11.4
3	17.1
4	22.8
5	28.5
6	34.2
7	39.9
8	45.6
9	51.3

	56
1	5.6
2	11.2
3	16.8
4	22.4
5	28.0
6	33.6
7	39.2
8	44.8
9	50.4

	55
1	5.5
2	11.0
3	16.5
4	22.0
5	27.5
6	33.0
7	38.5
8	44.0
9	49.5

82°.200 — 82°.150

7°.850 — 7°.900

7°	sin	d	tang	d	cotg	cos	d		P.P.
.850	9.135 387	55	9.139 476	56	0.860 524	9.995 911	1	**.150**	
851	9.135 442	55	9.139 532	56	0.860 468	9.995 910	1	149	
852	9.135 497	55	9.139 588	56	0.860 412	9.995 909	1	148	
853	9.135 552	55	9.139 644	56	0.860 356	9.995 908	1	147	
854	9.135 607	55	9.139 700	56	0.860 300	9.995 907	1	146	
855	9.135 662	55	9.139 756	56	0.860 244	9.995 906	1	145	
856	9.135 717	55	9.139 812	56	0.860 188	9.995 905	1	144	
857	9.135 772	55	9.139 868	56	0.860 132	9.995 904	1	143	
858	9.135 827	55	9.139 924	56	0.860 076	9.995 903	1	142	
859	9.135 882	55	9.139 980	56	0.860 020	9.995 902	1	141	
.860	9.135 937	55	9.140 036	56	0.859 964	9.995 901	1	**.140**	
861	9.135 992	55	9.140 092	56	0.859 908	9.995 900	1	139	
862	9.136 047	55	9.140 148	56	0.859 852	9.995 898	2	138	
863	9.136 102	55	9.140 204	56	0.859 796	9.995 897	1	137	
864	9.136 156	54	9.140 260	56	0.859 740	9.995 896	1	136	
865	9.136 211	55	9.140 316	56	0.859 684	9.995 895	1	135	
866	9.136 266	55	9.140 372	56	0.859 628	9.995 894	1	134	
867	9.136 321	55	9.140 428	56	0.859 572	9.995 893	1	133	
868	9.136 376	55	9.140 484	56	0.859 516	9.995 892	1	132	
869	9.136 431	55	9.140 540	56	0.859 460	9.995 891	1	131	
.870	9.136 486	55	9.140 595	55	0.859 405	9.995 890	1	**.130**	
871	9.136 540	54	9.140 651	56	0.859 349	9.995 889	1	129	
872	9.136 595	55	9.140 707	56	0.859 293	9.995 888	1	128	
873	9.136 650	55	9.140 763	56	0.859 237	9.995 887	1	127	
874	9.136 705	55	9.140 819	56	0.859 181	9.995 886	1	126	
875	9.136 760	55	9.140 875	56	0.859 125	9.995 885	1	125	
876	9.136 814	54	9.140 931	56	0.859 069	9.995 884	1	124	
877	9.136 869	55	9.140 986	55	0.859 014	9.995 883	1	123	
878	9.136 924	55	9.141 042	56	0.858 958	9.995 882	1	122	
879	9.136 979	55	9.141 098	56	0.858 902	9.995 881	1	121	
.880	9.137 034	55	9.141 154	56	0.858 846	9.995 880	1	**.120**	
881	9.137 088	54	9.141 210	56	0.858 790	9.995 879	1	119	
882	9.137 143	55	9.141 266	56	0.858 734	9.995 878	1	118	
883	9.137 198	55	9.141 321	55	0.858 679	9.995 876	2	117	
884	9.137 253	55	9.141 377	56	0.858 623	9.995 875	1	116	
885	9.137 307	54	9.141 433	56	0.858 567	9.995 874	1	115	
886	9.137 362	55	9.141 489	56	0.858 511	9.995 873	1	114	
887	9.137 417	55	9.141 545	56	0.858 455	9.995 872	1	113	
888	9.137 472	55	9.141 600	55	0.858 400	9.995 871	1	112	
889	9.137 526	54	9.141 656	56	0.858 344	9.995 870	1	111	
.890	9.137 581	55	9.141 712	56	0.858 288	9.995 869	1	**.110**	
891	9.137 636	55	9.141 768	56	0.858 232	9.995 868	1	109	
892	9.137 690	54	9.141 823	55	0.858 177	9.995 867	1	108	
893	9.137 745	55	9.141 879	56	0.858 121	9.995 866	1	107	
894	9.137 800	55	9.141 935	56	0.858 065	9.995 865	1	106	
895	9.137 854	54	9.141 990	55	0.858 010	9.995 864	1	105	
896	9.137 909	55	9.142 046	56	0.857 954	9.995 863	1	104	
897	9.137 964	55	9.142 102	56	0.857 898	9.995 862	1	103	
898	9.138 018	54	9.142 158	56	0.857 842	9.995 861	1	102	
899	9.138 073	55	9.142 213	55	0.857 787	9.995 860	1	101	
.900	9.138 128	55	9.142 269	56	0.857 731	9.995 859	1	**.100**	
	cos	d	cotg	d	tang	sin	d	**82°**	P.P.

	56
1	5.6
2	11.2
3	16.8
4	22.4
5	28.0
6	33.6
7	39.2
8	44.8
9	50.4

	55
1	5.5
2	11.0
3	16.5
4	22.0
5	27.5
6	33.0
7	38.5
8	44.0
9	49.5

	54
1	5.4
2	10.8
3	16.2
4	21.6
5	27.0
6	32.4
7	37.8
8	43.2
9	48.6

82°.150 — 82°.100

7°.900 — 7°.950

7°	sin	d	tang	d	cotg	cos	d		P.P.
.900	9.138 128	54	9.142 269	56	0.857 731	9.995 859	1	**.100**	
901	9.138 182	55	9.142 325	55	0.857 675	9.995 858	1	099	
902	9.138 237	54	9.142 380	56	0.857 620	9.995 857	2	098	
903	9.138 291	55	9.142 436	56	0.857 564	9.995 855	1	097	
904	9.138 346	55	9.142 492	55	0.857 508	9.995 854	1	096	
905	9.138 401	54	9.142 547	56	0.857 453	9.995 853	1	095	
906	9.138 455	55	9.142 603	55	0.857 397	9.995 852	1	094	
907	9.138 510	54	9.142 658	56	0.857 342	9.995 851	1	093	
908	9.138 564	55	9.142 714	56	0.857 286	9.995 850	1	092	
909	9.138 619	54	9.142 770	55	0.857 230	9.995 849	1	091	
.910	9.138 673	55	9.142 825	56	0.857 175	9.995 848	1	**.090**	
911	9.138 728	55	9.142 881	56	0.857 119	9.995 847	1	089	
912	9.138 783	54	9.142 937	55	0.857 063	9.995 846	1	088	
913	9.138 837	55	9.142 992	56	0.857 008	9.995 845	1	087	
914	9.138 892	54	9.143 048	55	0.856 952	9.995 844	1	086	
915	9.138 946	55	9.143 103	56	0.856 897	9.995 843	1	085	
916	9.139 001	54	9.143 159	55	0.856 841	9.995 842	1	084	
917	9.139 055	55	9.143 214	56	0.856 786	9.995 841	1	083	
918	9.139 110	54	9.143 270	56	0.856 730	9.995 840	1	082	
919	9.139 164	55	9.143 326	55	0.856 674	9.995 839	1	081	
.920	9.139 219	54	9.143 381	56	0.856 619	9.995 838	1	**.080**	
921	9.139 273	55	9.143 437	55	0.856 563	9.995 837	2	079	
922	9.139 328	54	9.143 492	56	0.856 508	9.995 835	1	078	
923	9.139 382	55	9.143 548	55	0.856 452	9.995 834	1	077	
924	9.139 437	54	9.143 603	56	0.856 397	9.995 833	1	076	
925	9.139 491	54	9.143 659	55	0.856 341	9.995 832	1	075	
926	9.139 545	55	9.143 714	56	0.856 286	9.995 831	1	074	
927	9.139 600	54	9.143 770	55	0.856 230	9.995 830	1	073	
928	9.139 654	55	9.143 825	56	0.856 175	9.995 829	1	072	
929	9.139 709	54	9.143 881	55	0.856 119	9.995 828	1	071	
.930	9.139 763	55	9.143 936	56	0.856 064	9.995 827	1	**.070**	
931	9.139 818	54	9.143 992	55	0.856 008	9.995 826	1	069	
932	9.139 872	54	9.144 047	55	0.855 953	9.995 825	1	068	
933	9.139 926	55	9.144 102	56	0.855 898	9.995 824	1	067	
934	9.139 981	54	9.144 158	55	0.855 842	9.995 823	1	066	
935	9.140 035	54	9.144 213	56	0.855 787	9.995 822	1	065	
936	9.140 089	55	9.144 269	55	0.855 731	9.995 821	1	064	
937	9.140 144	54	9.144 324	56	0.855 676	9.995 820	1	063	
938	9.140 198	55	9.144 380	55	0.855 620	9.995 819	1	062	
939	9.140 253	54	9.144 435	55	0.855 565	9.995 818	1	061	
.940	9.140 307	54	9.144 490	56	0.855 510	9.995 816	2	**.060**	
941	9.140 361	55	9.144 546	55	0.855 454	9.995 815	1	059	
942	9.140 416	54	9.144 601	56	0.855 399	9.995 814	1	058	
943	9.140 470	54	9.144 657	55	0.855 343	9.995 813	1	057	
944	9.140 524	55	9.144 712	55	0.855 288	9.995 812	1	056	
945	9.140 579	54	9.144 767	56	0.855 233	9.995 811	1	055	
946	9.140 633	54	9.144 823	55	0.855 177	9.995 810	1	054	
947	9.140 687	54	9.144 878	55	0.855 122	9.995 809	1	053	
948	9.140 741	55	9.144 933	56	0.855 067	9.995 808	1	052	
949	9.140 796	54	9.144 989	55	0.855 011	9.995 807	1	051	
.950	9.140 850		9.145 044		0.854 956	9.995 806		**.050**	
	cos	d	cotg	d	tang	sin	d	**82°**	P.P.

	56
1	5.6
2	11.2
3	16.8
4	22.4
5	28.0
6	33.6
7	39.2
8	44.8
9	50.4

	55
1	5.5
2	11.0
3	16.5
4	22.0
5	27.5
6	33.0
7	38.5
8	44.0
9	49.5

	54
1	5.4
2	10.8
3	16.2
4	21.6
5	27.0
6	32.4
7	37.8
8	43.2
9	48.6

82°.100 — 82°.050

7°.950 — 8°.000

7°	sin	d	tang	d	cotg	cos	d		P.P.
.950	9.140 850	54	9.145 044	56	0.854 956	9.995 806	1	**.050**	
951	9.140 904	55	9.145 100	55	0.854 900	9.995 805	1	049	
952	9.140 959	54	9.145 155	55	0.854 845	9.995 804	1	048	
953	9.141 013	54	9.145 210	55	0.854 790	9.995 803	1	047	
954	9.141 067	54	9.145 265	56	0.854 735	9.995 802	1	046	56
955	9.141 121	55	9.145 321	55	0.854 679	9.995 801	1	045	1 5.6
956	9.141 176	54	9.145 376	55	0.854 624	9.995 800	2	044	2 11.2
957	9.141 230	54	9.145 431	56	0.854 569	9.995 798	1	043	3 16.8
958	9.141 284	54	9.145 487	55	0.854 513	9.995 797	1	042	4 22.4
959	9.141 338	54	9.145 542	55	0.854 458	9.995 796	1	041	5 28.0
.960	9.141 392	55	9.145 597	55	0.854 403	9.995 795	1	**.040**	6 33.6
961	9.141 447	54	9.145 652	56	0.854 348	9.995 794	1	039	7 39.2
962	9.141 501	54	9.145 708	55	0.854 292	9.995 793	1	038	8 44.8
963	9.141 555	54	9.145 763	55	0.854 237	9.995 792	1	037	9 50.4
964	9.141 609	54	9.145 818	55	0.854 182	9.995 791	1	036	
965	9.141 663	55	9.145 873	56	0.854 127	9.995 790	1	035	55
966	9.141 718	54	9.145 929	55	0.854 071	9.995 789	1	034	1 5.5
967	9.141 772	54	9.145 984	55	0.854 016	9.995 788	1	033	2 11.0
968	9.141 826	54	9.146 039	55	0.853 961	9.995 787	1	032	3 16.5
969	9.141 880	54	9.146 094	56	0.853 906	9.995 786	1	031	4 22.0
.970	9.141 934	54	9.146 150	55	0.853 850	9.995 785	1	**.030**	5 27.5
971	9.141 988	54	9.146 205	55	0.853 795	9.995 784	1	029	6 33.0
972	9.142 042	55	9.146 260	55	0.853 740	9.995 783	2	028	7 38.5
973	9.142 097	54	9.146 315	55	0.853 685	9.995 781	1	027	8 44.0
974	9.142 151	54	9.146 370	55	0.853 630	9.995 780	1	026	9 49.5
975	9.142 205	54	9.146 425	56	0.853 575	9.995 779	1	025	
976	9.142 259	54	9.146 481	55	0.853 519	9.995 778	1	024	
977	9.142 313	54	9.146 536	55	0.853 464	9.995 777	1	023	54
978	9.142 367	54	9.146 591	55	0.853 409	9.995 776	1	022	1 5.4
979	9.142 421	54	9.146 646	55	0.853 354	9.995 775	1	021	2 10.8
.980	9.142 475	54	9.146 701	55	0.853 299	9.995 774	1	**.020**	3 16.2
981	9.142 529	54	9.146 756	55	0.853 244	9.995 773	1	019	4 21.6
982	9.142 583	54	9.146 811	56	0.853 189	9.995 772	1	018	5 27.0
983	9.142 637	54	9.146 867	55	0.853 133	9.995 771	1	017	6 32.4
984	9.142 691	55	9.146 922	55	0.853 078	9.995 770	1	016	7 37.8
985	9.142 746	54	9.146 977	55	0.853 023	9.995 769	1	015	8 43.2
986	9.142 800	54	9.147 032	55	0.852 968	9.995 768	1	014	9 48.6
987	9.142 854	54	9.147 087	55	0.852 913	9.995 767	1	013	
988	9.142 908	54	9.147 142	55	0.852 858	9.995 766	1	012	
989	9.142 962	54	9.147 197	55	0.852 803	9.995 764	2	011	53
.990	9.143 016	54	9.147 252	55	0.852 748	9.995 763	1	**.010**	1 5.3
991	9.143 070	54	9.147 307	55	0.852 693	9.995 762	1	009	2 10.6
992	9.143 124	54	9.147 362	55	0.852 638	9.995 761	1	008	3 15.9
993	9.143 178	54	9.147 417	55	0.852 583	9.995 760	1	007	4 21.2
994	9.143 232	54	9.147 472	55	0.852 528	9.995 759	1	006	5 26.5
995	9.143 286	54	9.147 527	55	0.852 473	9.995 758	1	005	6 31.8
996	9.143 340	53	9.147 582	56	0.852 418	9.995 757	1	004	7 37.1
997	9.143 393	54	9.147 638	55	0.852 362	9.995 756	1	003	8 42.4
998	9.143 447	54	9.147 693	55	0.852 307	9.995 755	1	002	9 47.7
999	9.143 501	54	9.147 748	55	0.852 252	9.995 754	1	001	
***.000**	9.143 555		9.147 803		0.852 197	9.995 753		**.000**	
	cos	d	cotg	d	tang	sin	d	**82°**	P.P.

82°.050 — 82°.000

8°.000 — 8°.050

8°	sin	d	tang	d	cotg	cos	d		P.P.
.000	9.143 555		9.147 803		0.852 197	9.995 753		***000**	
		54		55			1		
001	9.143 609		9.147 858		0.852 142	9.995 752		999	
		54		55			1		
002	9.143 663		9.147 913		0.852 087	9.995 751		998	
		54		54			1		
003	9.143 717		9.147 967		0.852 033	9.995 750		997	
		54		55			1		
004	9.143 771		9.148 022		0.851 978	9.995 749		996	
		54		55			2		
005	9.143 825		9.148 077		0.851 923	9.995 747		995	
		54		55			1		
006	9.143 879		9.148 132		0.851 868	9.995 746		994	
		54		55			1		
007	9.143 933		9.148 187		0.851 813	9.995 745		993	
		54		55			1		
008	9.143 987		9.148 242		0.851 758	9.995 744		992	
		53		55			1		
009	9.144 040		9.148 297		0.851 703	9.995 743		991	
		54		55			1		
.010	9.144 094		9.148 352		0.851 648	9.995 742		**.990**	
		54		55			1		
011	9.144 148		9.148 407		0.851 593	9.995 741		989	
		54		55			1		
012	9.144 202		9.148 462		0.851 538	9.995 740		988	
		54		55			1		
013	9.144 256		9.148 517		0.851 483	9.995 739		987	
		54		55			1		
014	9.144 310		9.148 572		0.851 428	9.995 738		986	
		54		55			1		
015	9.144 364		9.148 627		0.851 373	9.995 737		985	
		53		55			1		
016	9.144 417		9.148 682		0.851 318	9.995 736		984	
		54		55			1		
017	9.144 471		9.148 737		0.851 263	9.995 735		983	
		54		54			1		
018	9.144 525		9.148 791		0.851 209	9.995 734		982	
		54		55			1		
019	9.144 579		9.148 846		0.851 154	9.995 733		981	
		54		55			2		
.020	9.144 633		9.148 901		0.851 099	9.995 731		**.980**	
		53		55			1		
021	9.144 686		9.148 956		0.851 044	9.995 730		979	
		54		55			1		
022	9.144 740		9.149 011		0.850 989	9.995 729		978	
		54		55			1		
023	9.144 794		9.149 066		0.850 934	9.995 728		977	
		54		55			1		
024	9.144 848		9.149 121		0.850 879	9.995 727		976	
		54		54			1		
025	9.144 902		9.149 175		0.850 825	9.995 726		975	
		53		55			1		
026	9.144 955		9.149 230		0.850 770	9.995 725		974	
		54		55			1		
027	9.145 009		9.149 285		0.850 715	9.995 724		973	
		54		55			1		
028	9.145 063		9.149 340		0.850 660	9.995 723		972	
		54		55			1		
029	9.145 117		9.149 395		0.850 605	9.995 722		971	
		53		54			1		
.030	9.145 170		9.149 449		0.850 551	9.995 721		**.970**	
		54		55			1		
031	9.145 224		9.149 504		0.850 496	9.995 720		969	
		54		55			1		
032	9.145 278		9.149 559		0.850 441	9.995 719		968	
		53		55			1		
033	9.145 331		9.149 614		0.850 386	9.995 718		967	
		54		55			2		
034	9.145 385		9.149 669		0.850 331	9.995 716		966	
		54		54			1		
035	9.145 439		9.149 723		0.850 277	9.995 715		965	
		53		55			1		
036	9.145 492		9.149 778		0.850 222	9.995 714		964	
		54		55			1		
037	9.145 546		9.149 833		0.850 167	9.995 713		963	
		54		55			1		
038	9.145 600		9.149 888		0.850 112	9.995 712		962	
		54		54			1		
039	9.145 654		9.149 942		0.850 058	9.995 711		961	
		53		55			1		
.040	9.145 707		9.149 997		0.850 003	9.995 710		**.960**	
		54		55			1		
041	9.145 761		9.150 052		0.849 948	9.995 709		959	
		54		55			1		
042	9.145 815		9.150 107		0.849 893	9.995 708		958	
		53		54			1		
043	9.145 868		9.150 161		0.849 839	9.995 707		957	
		54		55			1		
044	9.145 922		9.150 216		0.849 784	9.995 706		956	
		53		55			1		
045	9.145 975		9.150 271		0.849 729	9.995 705		955	
		54		54			1		
046	9.146 029		9.150 325		0.849 675	9.995 704		954	
		54		55			1		
047	9.146 083		9.150 380		0.849 620	9.995 703		953	
		53		55			2		
048	9.146 136		9.150 435		0.849 565	9.995 701		952	
		54		54			1		
049	9.146 190		9.150 489		0.849 511	9.995 700		951	
		53		55			1		
.050	9.146 243		9.150 544		0.849 456	9.995 699		**.950**	
	cos	d	cotg	d	tang	sin	d	**81°**	P.P.

	55
1	5.5
2	11.0
3	16.5
4	22.0
5	27.5
6	33.0
7	38.5
8	44.0
9	49.5

	54
1	5.4
2	10.8
3	16.2
4	21.6
5	27.0
6	32.4
7	37.8
8	43.2
9	48.6

	53
1	5.3
2	10.6
3	15.9
4	21.2
5	26.5
6	31.8
7	37.1
8	42.4
9	47.7

82°.000 — 81°.950

8°.050 — 8°.100

8°	sin	d	tang	d	cotg	cos	d		P.P.
.050	9.146 243		9.150 544		0.849 456	9.995 699		**.950**	
		54		55			1		
051	9.146 297		9.150 599		0.849 401	9.995 698		949	
		54		54			1		
052	9.146 351		9.150 653		0.849 347	9.995 697		948	
		53		55			1		
053	9.146 404		9.150 708		0.849 292	9.995 696		947	
		54		55			1		
054	9.146 458		9.150 763		0.849 237	9.995 695		946	
		53		54			1		
055	9.146 511		9.150 817		0.849 183	9.995 694		945	
		54		55			1		
056	9.146 565		9.150 872		0.849 128	9.995 693		944	
		53		55			1		
057	9.146 618		9.150 927		0.849 073	9.995 692		943	
		54		54			1		
058	9.146 672		9.150 981		0.849 019	9.995 691		942	
		54		55			1		
059	9.146 726		9.151 036		0.848 964	9.995 690		941	
		53		54			1		
.060	9.146 779		9.151 090		0.848 910	9.995 689		**.940**	
		54		55			1		
061	9.146 833		9.151 145		0.848 855	9.995 688		939	
		53		55			2		
062	9.146 886		9.151 200		0.848 800	9.995 686		938	
		54		54			1		
063	9.146 940		9.151 254		0.848 746	9.995 685		937	
		53		55			1		
064	9.146 993		9.151 309		0.848 691	9.995 684		936	
		54		54			1		
065	9.147 047		9.151 363		0.848 637	9.995 683		935	
		53		55			1		
066	9.147 100		9.151 418		0.848 582	9.995 682		934	
		54		55			1		
067	9.147 154		9.151 473		0.848 527	9.995 681		933	
		53		54			1		
068	9.147 207		9.151 527		0.848 473	9.995 680		932	
		54		55			1		
069	9.147 261		9.151 582		0.848 418	9.995 679		931	
		53		54			1		
.070	9.147 314		9.151 636		0.848 364	9.995 678		**.930**	
		53		55			1		
071	9.147 367		9.151 691		0.848 309	9.995 677		929	
		54		54			1		
072	9.147 421		9.151 745		0.848 255	9.995 676		928	
		53		55			1		
073	9.147 474		9.151 800		0.848 200	9.995 675		927	
		54		54			1		
074	9.147 528		9.151 854		0.848 146	9.995 674		926	
		53		55			2		
075	9.147 581		9.151 909		0.848 091	9.995 672		925	
		54		54			1		
076	9.147 635		9.151 963		0.848 037	9.995 671		924	
		53		55			1		
077	9.147 688		9.152 018		0.847 982	9.995 670		923	
		53		54			1		
078	9.147 741		9.152 072		0.847 928	9.995 669		922	
		54		55			1		
079	9.147 795		9.152 127		0.847 873	9.995 668		921	
		53		54			1		
.080	9.147 848		9.152 181		0.847 819	9.995 667		**.920**	
		54		55			1		
081	9.147 902		9.152 236		0.847 764	9.995 666		919	
		53		54			1		
082	9.147 955		9.152 290		0.847 710	9.995 665		918	
		53		55			1		
083	9.148 008		9.152 345		0.847 655	9.995 664		917	
		54		54			1		
084	9.148 062		9.152 399		0.847 601	9.995 663		916	
		53		54			1		
085	9.148 115		9.152 453		0.847 547	9.995 662		915	
		54		55			1		
086	9.148 169		9.152 508		0.847 492	9.995 661		914	
		53		54			1		
087	9.148 222		9.152 562		0.847 438	9.995 660		913	
		53		55			1		
088	9.148 275		9.152 617		0.847 383	9.995 659		912	
		54		54			2		
089	9.148 329		9.152 671		0.847 329	9.995 657		911	
		53		55			1		
.090	9.148 382		9.152 726		0.847 274	9.995 656		**.910**	
		53		54			1		
091	9.148 435		9.152 780		0.847 220	9.995 655		909	
		54		54			1		
092	9.148 489		9.152 834		0.847 166	9.995 654		908	
		53		55			1		
093	9.148 542		9.152 889		0.847 111	9.995 653		907	
		53		54			1		
094	9.148 595		9.152 943		0.847 057	9.995 652		906	
		53		54			1		
095	9.148 648		9.152 997		0.847 003	9.995 651		905	
		54		55			1		
096	9.148 702		9.153 052		0.846 948	9.995 650		904	
		53		54			1		
097	9.148 755		9.153 106		0.846 894	9.995 649		903	
		53		55			1		
098	9.148 808		9.153 161		0.846 839	9.995 648		902	
		54		54			1		
099	9.148 862		9.153 215		0.846 785	9.995 647		901	
		53		54			1		
.100	9.148 915		9.153 269		0.846 731	9.995 646		**.900**	
	cos	d	cotg	d	tang	sin	d	**81°**	P.P.

	55
1	5.5
2	11.0
3	16.5
4	22.0
5	27.5
6	33.0
7	38.5
8	44.0
9	49.5

	54
1	5.4
2	10.8
3	16.2
4	21.6
5	27.0
6	32.4
7	37.8
8	43.2
9	48.6

	53
1	5.3
2	10.6
3	15.9
4	21.2
5	26.5
6	31.8
7	37.1
8	42.4
9	47.7

81°.950 — 81°.900

8°.100 — 8°.150

8°	sin	d	tang	d	cotg	cos	d		P.P.
.100	9.148 915		9.153 269		0.846 731	9.995 646		**.900**	
		53		55			2		
101	9.148 968		9.153 324		0.846 676	9.995 644		899	
		53		54			1		
102	9.149 021		9.153 378		0.846 622	9.995 643		898	
		54		54			1		
103	9.149 075		9.153 432		0.846 568	9.995 642		897	
		53		55			1		
104	9.149 128		9.153 487		0.846 513	9.995 641		896	
		53		54			1		
105	9.149 181		9.153 541		0.846 459	9.995 640		895	
		53		54			1		
106	9.149 234		9.153 595		0.846 405	9.995 639		894	
		53		54			1		
107	9.149 287		9.153 649		0.846 351	9.995 638		893	
		54		55			1		
108	9.149 341		9.153 704		0.846 296	9.995 637		892	
		53		54			1		
109	9.149 394		9.153 758		0.846 242	9.995 636		891	
		53		54			1		
.110	9.149 447		9.153 812		0.846 188	9.995 635		**.890**	
		53		55			1		
111	9.149 500		9.153 867		0.846 133	9.995 634		889	
		53		54			1		
112	9.149 553		9.153 921		0.846 079	9.995 633		888	
		54		54			1		
113	9.149 607		9.153 975		0.846 025	9.995 632		887	
		53		54			2		
114	9.149 660		9.154 029		0.845 971	9.995 630		886	
		53		55			1		
115	9.149 713		9.154 084		0.845 916	9.995 629		885	
		53		54			1		
116	9.149 766		9.154 138		0.845 862	9.995 628		884	
		53		54			1		
117	9.149 819		9.154 192		0.845 808	9.995 627		883	
		53		54			1		
118	9.149 872		9.154 246		0.845 754	9.995 626		882	
		54		54			1		
119	9.149 926		9.154 300		0.845 700	9.995 625		881	
		53		55			1		
.120	9.149 979		9.154 355		0.845 645	9.995 624		**.880**	
		53		54			1		
121	9.150 032		9.154 409		0.845 591	9.995 623		879	
		53		54			1		
122	9.150 085		9.154 463		0.845 537	9.995 622		878	
		53		54			1		
123	9.150 138		9.154 517		0.845 483	9.995 621		877	
		53		54			1		
124	9.150 191		9.154 571		0.845 429	9.995 620		876	
		53		55			1		
125	9.150 244		9.154 626		0.845 374	9.995 619		875	
		53		54			2		
126	9.150 297		9.154 680		0.845 320	9.995 617		874	
		53		54			1		
127	9.150 350		9.154 734		0.845 266	9.995 616		873	
		53		54			1		
128	9.150 403		9.154 788		0.845 212	9.995 615		872	
		54		54			1		
129	9.150 457		9.154 842		0.845 158	9.995 614		871	
		53		54			1		
.130	9.150 510		9.154 896		0.845 104	9.995 613		**.870**	
		53		55			1		
131	9.150 563		9.154 951		0.845 049	9.995 612		869	
		53		54			1		
132	9.150 616		9.155 005		0.844 995	9.995 611		868	
		53		54			1		
133	9.150 669		9.155 059		0.844 941	9.995 610		867	
		53		54			1		
134	9.150 722		9.155 113		0.844 887	9.995 609		866	
		53		54			1		
135	9.150 775		9.155 167		0.844 833	9.995 608		865	
		53		54			1		
136	9.150 828		9.155 221		0.844 779	9.995 607		864	
		53		54			1		
137	9.150 881		9.155 275		0.844 725	9.995 606		863	
		53		54			2		
138	9.150 934		9.155 329		0.844 671	9.995 604		862	
		53		54			1		
139	9.150 987		9.155 383		0.844 617	9.995 603		861	
		53		55			1		
.140	9.151 040		9.155 438		0.844 562	9.995 602		**.860**	
		53		54			1		
141	9.151 093		9.155 492		0.844 508	9.995 601		859	
		53		54			1		
142	9.151 146		9.155 546		0.844 454	9.995 600		858	
		53		54			1		
143	9.151 199		9.155 600		0.844 400	9.995 599		857	
		53		54			1		
144	9.151 252		9.155 654		0.844 346	9.995 598		856	
		53		54			1		
145	9.151 305		9.155 708		0.844 292	9.995 597		855	
		53		54			1		
146	9.151 358		9.155 762		0.844 238	9.995 596		854	
		53		54			1		
147	9.151 411		9.155 816		0.844 184	9.995 595		853	
		53		54			1		
148	9.151 464		9.155 870		0.844 130	9.995 594		852	
		53		54			1		
149	9.151 517		9.155 924		0.844 076	9.995 593		851	
		52		54			2		
.150	9.151 569		9.155 978		0.844 022	9.995 591		**.850**	
	cos	d	cotg	d	tang	sin	d	**81°**	P.P.

	55
1	5.5
2	11.0
3	16.5
4	22.0
5	27.5
6	33.0
7	38.5
8	44.0
9	49.5

	54
1	5.4
2	10.8
3	16.2
4	21.6
5	27.0
6	32.4
7	37.8
8	43.2
9	48.6

	53
1	5.3
2	10.6
3	15.9
4	21.2
5	26.5
6	31.8
7	37.1
8	42.4
9	47.7

	52
1	5.2
2	10.4
3	15.6
4	20.8
5	26.0
6	31.2
7	36.4
8	41.6
9	46.8

81°.900 — 81°.850

8°.150 — 8°.200

8°	sin	d	tang	d	cotg	cos	d		P.P.
.150	9.151 569	53	9.155 978	54	0.844 022	9.995 591	1	**.850**	
151	9.151 622	53	9.156 032	54	0.843 968	9.995 590	1	849	
152	9.151 675	53	9.156 086	54	0.843 914	9.995 589	1	848	
153	9.151 728	53	9.156 140	54	0.843 860	9.995 588	1	847	
154	9.151 781	53	9.156 194	54	0.843 806	9.995 587	1	846	
155	9.151 834	53	9.156 248	54	0.843 752	9.995 586	1	845	
156	9.151 887	53	9.156 302	54	0.843 698	9.995 585	1	844	
157	9.151 940	53	9.156 356	54	0.843 644	9.995 584	1	843	
158	9.151 993	53	9.156 410	54	0.843 590	9.995 583	1	842	
159	9.152 046	53	9.156 464	54	0.843 536	9.995 582	1	841	
.160	9.152 098	52	9.156 518	54	0.843 482	9.995 581	1	**.840**	
161	9.152 151	53	9.156 572	54	0.843 428	9.995 580	1	839	
162	9.152 204	53	9.156 626	54	0.843 374	9.995 578	2	838	
163	9.152 257	53	9.156 680	54	0.843 320	9.995 577	1	837	
164	9.152 310	53	9.156 734	54	0.843 266	9.995 576	1	836	
165	9.152 363	53	9.156 787	53	0.843 213	9.995 575	1	835	
166	9.152 415	52	9.156 841	54	0.843 159	9.995 574	1	834	
167	9.152 468	53	9.156 895	54	0.843 105	9.995 573	1	833	
168	9.152 521	53	9.156 949	54	0.843 051	9.995 572	1	832	
169	9.152 574	53	9.157 003	54	0.842 997	9.995 571	1	831	
.170	9.152 627	53	9.157 057	54	0.842 943	9.995 570	1	**.830**	
171	9.152 679	52	9.157 111	54	0.842 889	9.995 569	1	829	
172	9.152 732	53	9.157 165	54	0.842 835	9.995 568	1	828	
173	9.152 785	53	9.157 219	54	0.842 781	9.995 566	2	827	
174	9.152 838	53	9.157 272	53	0.842 728	9.995 565	1	826	
175	9.152 891	53	9.157 326	54	0.842 674	9.995 564	1	825	
176	9.152 943	52	9.157 380	54	0.842 620	9.995 563	1	824	
177	9.152 996	53	9.157 434	54	0.842 566	9.995 562	1	823	
178	9.153 049	53	9.157 488	54	0.842 512	9.995 561	1	822	
179	9.153 102	53	9.157 542	54	0.842 458	9.995 560	1	821	
.180	9.153 154	52	9.157 595	53	0.842 405	9.995 559	1	**.820**	
181	9.153 207	53	9.157 649	54	0.842 351	9.995 558	1	819	
182	9.153 260	53	9.157 703	54	0.842 297	9.995 557	1	818	
183	9.153 312	52	9.157 757	54	0.842 243	9.995 556	1	817	
184	9.153 365	53	9.157 811	54	0.842 189	9.995 554	2	816	
185	9.153 418	53	9.157 865	54	0.842 135	9.995 553	1	815	
186	9.153 471	53	9.157 918	53	0.842 082	9.995 552	1	814	
187	9.153 523	52	9.157 972	54	0.842 028	9.995 551	1	813	
188	9.153 576	53	9.158 026	54	0.841 974	9.995 550	1	812	
189	9.153 629	53	9.158 080	54	0.841 920	9.995 549	1	811	
.190	9.153 681	52	9.158 133	53	0.841 867	9.995 548	1	**.810**	
191	9.153 734	53	9.158 187	54	0.841 813	9.995 547	1	809	
192	9.153 787	53	9.158 241	54	0.841 759	9.995 546	1	808	
193	9.153 839	52	9.158 295	54	0.841 705	9.995 545	1	807	
194	9.153 892	53	9.158 348	53	0.841 652	9.995 544	1	806	
195	9.153 945	53	9.158 402	54	0.841 598	9.995 542	2	805	
196	9.153 997	52	9.158 456	54	0.841 544	9.995 541	1	804	
197	9.154 050	53	9.158 510	54	0.841 490	9.995 540	1	803	
198	9.154 102	52	9.158 563	53	0.841 437	9.995 539	1	802	
199	9.154 155	53	9.158 617	54	0.841 383	9.995 538	1	801	
.200	9.154 208	53	9.158 671	54	0.841 329	9.995 537	1	**.800**	
	cos	d	cotg	d	tang	sin	d	**81°**	P.P.

	54
1	5.4
2	10.8
3	16.2
4	21.6
5	27.0
6	32.4
7	37.8
8	43.2
9	48.6

	53
1	5.3
2	10.6
3	15.9
4	21.2
5	26.5
6	31.8
7	37.1
8	42.4
9	47.7

	52
1	5.2
2	10.4
3	15.6
4	20.8
5	26.0
6	31.2
7	36.4
8	41.6
9	46.8

81°.850 — 81°.800

8°.200 — 8°.250

8°	sin	d	tang	d	cotg	cos	d		P.P.
.200	9.154 208	52	9.158 671	53	0.841 329	9.995 537	1	**.800**	
201	9.154 260	53	9.158 724	54	0.841 276	9.995 536	1	799	
202	9.154 313	52	9.158 778	54	0.841 222	9.995 535	1	798	
203	9.154 365	53	9.158 832	53	0.841 168	9.995 534	1	797	
204	9.154 418	53	9.158 885	54	0.841 115	9.995 533	1	796	
205	9.154 471	52	9.158 939	54	0.841 061	9.995 532	2	795	
206	9.154 523	53	9.158 993	53	0.841 007	9.995 530	1	794	
207	9.154 576	52	9.159 046	54	0.840 954	9.995 529	1	793	
208	9.154 628	53	9.159 100	54	0.840 900	9.995 528	1	792	
209	9.154 681	52	9.159 154	53	0.840 846	9.995 527	1	791	
.210	9.154 733	53	9.159 207	54	0.840 793	9.995 526	1	**.790**	
211	9.154 786	52	9.159 261	53	0.840 739	9.995 525	1	789	
212	9.154 838	53	9.159 314	54	0.840 686	9.995 524	1	788	
213	9.154 891	52	9.159 368	54	0.840 632	9.995 523	1	787	
214	9.154 943	53	9.159 422	53	0.840 578	9.995 522	1	786	
215	9.154 996	52	9.159 475	54	0.840 525	9.995 521	1	785	
216	9.155 048	53	9.159 529	53	0.840 471	9.995 520	2	784	
217	9.155 101	52	9.159 582	54	0.840 418	9.995 518	1	783	
218	9.155 153	53	9.159 636	54	0.840 364	9.995 517	1	782	
219	9.155 206	52	9.159 690	53	0.840 310	9.995 516	1	781	
.220	9.155 258	53	9.159 743	54	0.840 257	9.995 515	1	**.780**	
221	9.155 311	52	9.159 797	53	0.840 203	9.995 514	1	779	
222	9.155 363	53	9.159 850	54	0.840 150	9.995 513	1	778	
223	9.155 416	52	9.159 904	53	0.840 096	9.995 512	1	777	
224	9.155 468	53	9.159 957	54	0.840 043	9.995 511	1	776	
225	9.155 521	52	9.160 011	53	0.839 989	9.995 510	1	775	
226	9.155 573	52	9.160 064	54	0.839 936	9.995 509	2	774	
227	9.155 625	53	9.160 118	54	0.839 882	9.995 507	1	773	
228	9.155 678	52	9.160 172	53	0.839 828	9.995 506	1	772	
229	9.155 730	53	9.160 225	54	0.839 775	9.995 505	1	771	
.230	9.155 783	52	9.160 279	53	0.839 721	9.995 504	1	**.770**	
231	9.155 835	53	9.160 332	54	0.839 668	9.995 503	1	769	
232	9.155 888	52	9.160 386	53	0.839 614	9.995 502	1	768	
233	9.155 940	52	9.160 439	54	0.839 561	9.995 501	1	767	
234	9.155 992	53	9.160 493	53	0.839 507	9.995 500	1	766	
235	9.156 045	52	9.160 546	53	0.839 454	9.995 499	1	765	
236	9.156 097	52	9.160 599	54	0.839 401	9.995 498	1	764	
237	9.156 149	53	9.160 653	53	0.839 347	9.995 497	2	763	
238	9.156 202	52	9.160 706	54	0.839 294	9.995 495	1	762	
239	9.156 254	52	9.160 760	53	0.839 240	9.995 494	1	761	
.240	9.156 306	53	9.160 813	54	0.839 187	9.995 493	1	**.760**	
241	9.156 359	52	9.160 867	53	0.839 133	9.995 492	1	759	
242	9.156 411	52	9.160 920	54	0.839 080	9.995 491	1	758	
243	9.156 463	53	9.160 974	53	0.839 026	9.995 490	1	757	
244	9.156 516	52	9.161 027	53	0.838 973	9.995 489	1	756	
245	9.156 568	52	9.161 080	54	0.838 920	9.995 488	1	755	
246	9.156 620	53	9.161 134	53	0.838 866	9.995 487	1	754	
247	9.156 673	52	9.161 187	54	0.838 813	9.995 486	2	753	
248	9.156 725	52	9.161 241	53	0.838 759	9.995 484	1	752	
249	9.156 777	53	9.161 294	53	0.838 706	9.995 483	1	751	
.250	9.156 830		9.161 347		0.838 653	9.995 482		**.750**	
	cos	d	cotg	d	tang	sin	d	**81°**	P.P.

	54
1	5.4
2	10.8
3	16.2
4	21.6
5	27.0
6	32.4
7	37.8
8	43.2
9	48.6

	53
1	5.3
2	10.6
3	15.9
4	21.2
5	26.5
6	31.8
7	37.1
8	42.4
9	47.7

	52
1	5.2
2	10.4
3	15.6
4	20.8
5	26.0
6	31.2
7	36.4
8	41.6
9	46.8

81°.800 — 81°.750

8°.250 — 8°.300

8°	sin	d	tang	d	cotg	cos	d		P.P.
.250	9.156 830	52	9.161 347	54	0.838 653	9.995 482	1	**.750**	
251	9.156 882	52	9.161 401	53	0.838 599	9.995 481	1	749	
252	9.156 934	52	9.161 454	53	0.838 546	9.995 480	1	748	
253	9.156 986	53	9.161 507	54	0.838 493	9.995 479	1	747	
254	9.157 039	52	9.161 561	53	0.838 439	9.995 478	1	746	
255	9.157 091	52	9.161 614	53	0.838 386	9.995 477	1	745	
256	9.157 143	52	9.161 667	54	0.838 333	9.995 476	1	744	
257	9.157 195	53	9.161 721	53	0.838 279	9.995 475	2	743	
258	9.157 248	52	9.161 774	53	0.838 226	9.995 473	1	742	
259	9.157 300	52	9.161 827	54	0.838 173	9.995 472	1	741	
.260	9.157 352	52	9.161 881	53	0.838 119	9.995 471	1	**.740**	
261	9.157 404	52	9.161 934	53	0.838 066	9.995 470	1	739	
262	9.157 456	53	9.161 987	54	0.838 013	9.995 469	1	738	
263	9.157 509	52	9.162 041	53	0.837 959	9.995 468	1	737	
264	9.157 561	52	9.162 094	53	0.837 906	9.995 467	1	736	
265	9.157 613	52	9.162 147	54	0.837 853	9.995 466	1	735	
266	9.157 665	52	9.162 201	53	0.837 799	9.995 465	1	734	
267	9.157 717	53	9.162 254	53	0.837 746	9.995 464	2	733	
268	9.157 770	52	9.162 307	53	0.837 693	9.995 462	1	732	
269	9.157 822	52	9.162 360	54	0.837 640	9.995 461	1	731	
.270	9.157 874	52	9.162 414	53	0.837 586	9.995 460	1	**.730**	
271	9.157 926	52	9.162 467	53	0.837 533	9.995 459	1	729	
272	9.157 978	52	9.162 520	53	0.837 480	9.995 458	1	728	
273	9.158 030	52	9.162 573	54	0.837 427	9.995 457	1	727	
274	9.158 082	53	9.162 627	53	0.837 373	9.995 456	1	726	
275	9.158 135	52	9.162 680	53	0.837 320	9.995 455	1	725	
276	9.158 187	52	9.162 733	53	0.837 267	9.995 454	1	724	
277	9.158 239	52	9.162 786	53	0.837 214	9.995 453	2	723	
278	9.158 291	52	9.162 839	54	0.837 161	9.995 451	1	722	
279	9.158 343	52	9.162 893	53	0.837 107	9.995 450	1	721	
.280	9.158 395	52	9.162 946	53	0.837 054	9.995 449	1	**.720**	
281	9.158 447	52	9.162 999	53	0.837 001	9.995 448	1	719	
282	9.158 499	52	9.163 052	53	0.836 948	9.995 447	1	718	
283	9.158 551	52	9.163 105	54	0.836 895	9.995 446	1	717	
284	9.158 603	52	9.163 159	53	0.836 841	9.995 445	1	716	
285	9.158 655	52	9.163 212	53	0.836 788	9.995 444	1	715	
286	9.158 707	52	9.163 265	53	0.836 735	9.995 443	2	714	
287	9.158 759	52	9.163 318	53	0.836 682	9.995 441	1	713	
288	9.158 811	53	9.163 371	53	0.836 629	9.995 440	1	712	
289	9.158 864	52	9.163 424	53	0.836 576	9.995 439	1	711	
.290	9.158 916	52	9.163 477	54	0.836 523	9.995 438	1	**.710**	
291	9.158 968	52	9.163 531	53	0.836 469	9.995 437	1	709	
292	9.159 020	52	9.163 584	53	0.836 416	9.995 436	1	708	
293	9.159 072	52	9.163 637	53	0.836 363	9.995 435	1	707	
294	9.159 124	52	9.163 690	53	0.836 310	9.995 434	1	706	
295	9.159 176	52	9.163 743	53	0.836 257	9.995 433	1	705	
296	9.159 228	52	9.163 796	53	0.836 204	9.995 432	2	704	
297	9.159 280	52	9.163 849	53	0.836 151	9.995 430	1	703	
298	9.159 332	51	9.163 902	53	0.836 098	9.995 429	1	702	
299	9.159 383	52	9.163 955	53	0.836 045	9.995 428	1	701	
.300	9.159 435		9.164 008		0.835 992	9.995 427		**.700**	
	cos	d	cotg	d	tang	sin	d	**81°**	P.P.

	54
1	5.4
2	10.8
3	16.2
4	21.6
5	27.0
6	32.4
7	37.8
8	43.2
9	48.6

	53
1	5.3
2	10.6
3	15.9
4	21.2
5	26.5
6	31.8
7	37.1
8	42.4
9	47.7

	52
1	5.2
2	10.4
3	15.6
4	20.8
5	26.0
6	31.2
7	36.4
8	41.6
9	46.8

	51
1	5.1
2	10.2
3	15.3
4	20.4
5	25.5
6	30.6
7	35.7
8	40.8
9	45.9

81°.750 — 81°.700

8°.300 — 8°.350

8°	sin	d	tang	d	cotg	cos	d		P.P.
.300	9.159 435	52	9.164 008	53	0.835 992	9.995 427	1	.700	
301	9.159 487	52	9.164 061	53	0.835 939	9.995 426	1	699	
302	9.159 539	52	9.164 114	53	0.835 886	9.995 425	1	698	
303	9.159 591	52	9.164 167	54	0.835 833	9.995 424	1	697	
304	9.159 643	52	9.164 221	53	0.835 779	9.995 423	1	696	
305	9.159 695	52	9.164 274	53	0.835 726	9.995 422	2	695	
306	9.159 747	52	9.164 327	53	0.835 673	9.995 420	1	694	
307	9.159 799	52	9.164 380	53	0.835 620	9.995 419	1	693	
308	9.159 851	52	9.164 433	53	0.835 567	9.995 418	1	692	
309	9.159 903	52	9.164 486	53	0.835 514	9.995 417	1	691	
.310	9.159 955	52	9.164 539	53	0.835 461	9.995 416	1	.690	
311	9.160 007	51	9.164 592	53	0.835 408	9.995 415	1	689	
312	9.160 058	52	9.164 645	53	0.835 355	9.995 414	1	688	
313	9.160 110	52	9.164 698	53	0.835 302	9.995 413	1	687	
314	9.160 162	52	9.164 751	53	0.835 249	9.995 412	1	686	
315	9.160 214	52	9.164 804	53	0.835 196	9.995 411	2	685	
316	9.160 266	52	9.164 857	53	0.835 143	9.995 409	1	684	
317	9.160 318	52	9.164 910	52	0.835 090	9.995 408	1	683	
318	9.160 370	52	9.164 962	53	0.835 038	9.995 407	1	682	
319	9.160 422	51	9.165 015	53	0.834 985	9.995 406	1	681	
.320	9.160 473	52	9.165 068	53	0.834 932	9.995 405	1	.680	
321	9.160 525	52	9.165 121	53	0.834 879	9.995 404	1	679	
322	9.160 577	52	9.165 174	53	0.834 826	9.995 403	1	678	
323	9.160 629	52	9.165 227	53	0.834 773	9.995 402	1	677	
324	9.160 681	51	9.165 280	53	0.834 720	9.995 401	2	676	
325	9.160 732	52	9.165 333	53	0.834 667	9.995 399	1	675	
326	9.160 784	52	9.165 386	53	0.834 614	9.995 398	1	674	
327	9.160 836	52	9.165 439	53	0.834 561	9.995 397	1	673	
328	9.160 888	52	9.165 492	53	0.834 508	9.995 396	1	672	
329	9.160 940	51	9.165 545	52	0.834 455	9.995 395	1	671	
.330	9.160 991	52	9.165 597	53	0.834 403	9.995 394	1	.670	
331	9.161 043	52	9.165 650	53	0.834 350	9.995 393	1	669	
332	9.161 095	52	9.165 703	53	0.834 297	9.995 392	1	668	
333	9.161 147	51	9.165 756	53	0.834 244	9.995 391	2	667	
334	9.161 198	52	9.165 809	53	0.834 191	9.995 389	1	666	
335	9.161 250	52	9.165 862	53	0.834 138	9.995 388	1	665	
336	9.161 302	52	9.165 915	52	0.834 085	9.995 387	1	664	
337	9.161 354	51	9.165 967	53	0.834 033	9.995 386	1	663	
338	9.161 405	52	9.166 020	53	0.833 980	9.995 385	1	662	
339	9.161 457	52	9.166 073	53	0.833 927	9.995 384	1	661	
.340	9.161 509	51	9.166 126	53	0.833 874	9.995 383	1	.660	
341	9.161 560	52	9.166 179	53	0.833 821	9.995 382	1	659	
342	9.161 612	52	9.166 232	52	0.833 768	9.995 381	2	658	
343	9.161 664	51	9.166 284	53	0.833 716	9.995 379	1	657	
344	9.161 715	52	9.166 337	53	0.833 663	9.995 378	1	656	
345	9.161 767	52	9.166 390	53	0.833 610	9.995 377	1	655	
346	9.161 819	51	9.166 443	52	0.833 557	9.995 376	1	654	
347	9.161 870	52	9.166 495	53	0.833 505	9.995 375	1	653	
348	9.161 922	52	9.166 548	53	0.833 452	9.995 374	1	652	
349	9.161 974	51	9.166 601	53	0.833 399	9.995 373	1	651	
.350	9.162 025		9.166 654		0.833 346	9.995 372		.650	
	cos	d	cotg	d	tang	sin	d	81°	P.P.

	54
1	5.4
2	10.8
3	16.2
4	21.6
5	27.0
6	32.4
7	37.8
8	43.2
9	48.6

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1	5.3
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3	15.9
4	21.2
5	26.5
6	31.8
7	37.1
8	42.4
9	47.7

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1	5.2
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3	15.6
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5	26.0
6	31.2
7	36.4
8	41.6
9	46.8

	51
1	5.1
2	10.2
3	15.3
4	20.4
5	25.5
6	30.6
7	35.7
8	40.8
9	45.9

81°.700 — 81°.650

8°.350 — 8°.400

8°	sin	d	tang	d	cotg	cos	d		P.P.
.350	9.162 025		9.166 654		0.833 346	9.995 372		**.650**	
		52		53			1		
351	9.162 077		9.166 707		0.833 293	9.995 371		649	
		52		52			2		
352	9.162 129		9.166 759		0.833 241	9.995 369		648	
		51		53			1		
353	9.162 180		9.166 812		0.833 188	9.995 368		647	
		52		53			1		
354	9.162 232		9.166 865		0.833 135	9.995 367		646	
		52		52			1		
355	9.162 284		9.166 917		0.833 083	9.995 366		645	
		51		53			1		
356	9.162 335		9.166 970		0.833 030	9.995 365		644	
		52		53			1		
357	9.162 387		9.167 023		0.832 977	9.995 364		643	
		51		53			1		
358	9.162 438		9.167 076		0.832 924	9.995 363		642	
		52		52			1		
359	9.162 490		9.167 128		0.832 872	9.995 362		641	
		52		53			1		
.360	9.162 542		9.167 181		0.832 819	9.995 361		**.640**	
		51		53			2		
361	9.162 593		9.167 234		0.832 766	9.995 359		639	
		52		52			1		
362	9.162 645		9.167 286		0.832 714	9.995 358		638	
		51		53			1		
363	9.162 696		9.167 339		0.832 661	9.995 357		637	
		52		53			1		
364	9.162 748		9.167 392		0.832 608	9.995 356		636	
		51		52			1		
365	9.162 799		9.167 444		0.832 556	9.995 355		635	
		52		53			1		
366	9.162 851		9.167 497		0.832 503	9.995 354		634	
		51		53			1		
367	9.162 902		9.167 550		0.832 450	9.995 353		633	
		52		52			1		
368	9.162 954		9.167 602		0.832 398	9.995 352		632	
		52		53			2		
369	9.163 006		9.167 655		0.832 345	9.995 350		631	
		51		53			1		
.370	9.163 057		9.167 708		0.832 292	9.995 349		**.630**	
		52		52			1		
371	9.163 109		9.167 760		0.832 240	9.995 348		629	
		51		53			1		
372	9.163 160		9.167 813		0.832 187	9.995 347		628	
		52		53			1		
373	9.163 212		9.167 866		0.832 134	9.995 346		627	
		51		52			1		
374	9.163 263		9.167 918		0.832 082	9.995 345		626	
		52		53			1		
375	9.163 315		9.167 971		0.832 029	9.995 344		625	
		51		52			1		
376	9.163 366		9.168 023		0.831 977	9.995 343		624	
		52		53			1		
377	9.163 418		9.168 076		0.831 924	9.995 342		623	
		51		53			2		
378	9.163 469		9.168 129		0.831 871	9.995 340		622	
		51		52			1		
379	9.163 520		9.168 181		0.831 819	9.995 339		621	
		52		53			1		
.380	9.163 572		9.168 234		0.831 766	9.995 338		**.620**	
		51		52			1		
381	9.163 623		9.168 286		0.831 714	9.995 337		619	
		52		53			1		
382	9.163 675		9.168 339		0.831 661	9.995 336		618	
		51		52			1		
383	9.163 726		9.168 391		0.831 609	9.995 335		617	
		52		53			1		
384	9.163 778		9.168 444		0.831 556	9.995 334		616	
		51		52			1		
385	9.163 829		9.168 496		0.831 504	9.995 333		615	
		52		53			1		
386	9.163 881		9.168 549		0.831 451	9.995 332		614	
		51		53			2		
387	9.163 932		9.168 602		0.831 398	9.995 330		613	
		51		52			1		
388	9.163 983		9.168 654		0.831 346	9.995 329		612	
		52		53			1		
389	9.164 035		9.168 707		0.831 293	9.995 328		611	
		51		52			1		
.390	9.164 086		9.168 759		0.831 241	9.995 327		**.610**	
		52		53			1		
391	9.164 138		9.168 812		0.831 188	9.995 326		609	
		51		52			1		
392	9.164 189		9.168 864		0.831 136	9.995 325		608	
		51		53			1		
393	9.164 240		9.168 917		0.831 083	9.995 324		607	
		52		52			1		
394	9.164 292		9.168 969		0.831 031	9.995 323		606	
		51		53			2		
395	9.164 343		9.169 022		0.830 978	9.995 321		605	
		51		52			1		
396	9.164 394		9.169 074		0.830 926	9.995 320		604	
		52		53			1		
397	9.164 446		9.169 127		0.830 873	9.995 319		603	
		51		52			1		
398	9.164 497		9.169 179		0.830 821	9.995 318		602	
		51		52			1		
399	9.164 548		9.169 231		0.830 769	9.995 317		601	
		52		53			1		
.400	9.164 600		9.169 284		0.830 716	9.995 316		**.600**	
	cos	d	cotg	d	tang	sin	d	**81°**	P.P.

	53
1	5.3
2	10.6
3	15.9
4	21.2
5	26.5
6	31.8
7	37.1
8	42.4
9	47.7

	52
1	5.2
2	10.4
3	15.6
4	20.8
5	26.0
6	31.2
7	36.4
8	41.6
9	46.8

	51
1	5.1
2	10.2
3	15.3
4	20.4
5	25.5
6	30.6
7	35.7
8	40.8
9	45.9

81°.650 — 81°.600

8°.400 — 8°.450

8°	sin	d	tang	d	cotg	cos	d		P.P.
.400	9.164 600	51	9.169 284	52	0.830 716	9.995 316	1	.600	
401	9.164 651	51	9.169 336	53	0.830 664	9.995 315	1	599	
402	9.164 702	52	9.169 389	52	0.830 611	9.995 314	1	598	
403	9.164 754	51	9.169 441	53	0.830 559	9.995 313	2	597	
404	9.164 805	51	9.169 494	52	0.830 506	9.995 311	1	596	
405	9.164 856	52	9.169 546	52	0.830 454	9.995 310	1	595	
406	9.164 908	51	9.169 598	53	0.830 402	9.995 309	1	594	
407	9.164 959	51	9.169 651	52	0.830 349	9.995 308	1	593	53
408	9.165 010	51	9.169 703	53	0.830 297	9.995 307	1	592	1 5.3
409	9.165 061	52	9.169 756	52	0.830 244	9.995 306	1	591	2 10.6
.410	9.165 113	51	9.169 808	52	0.830 192	9.995 305	1	.590	3 15.9
411	9.165 164	51	9.169 860	53	0.830 140	9.995 304	2	589	4 21.2
412	9.165 215	52	9.169 913	52	0.830 087	9.995 302	1	588	5 26.5
413	9.165 267	51	9.169 965	53	0.830 035	9.995 301	1	587	6 31.8
414	9.165 318	51	9.170 018	52	0.829 982	9.995 300	1	586	7 37.1
415	9.165 369	51	9.170 070	52	0.829 930	9.995 299	1	585	8 42.4
416	9.165 420	51	9.170 122	53	0.829 878	9.995 298	1	584	9 47.7
417	9.165 471	52	9.170 175	52	0.829 825	9.995 297	1	583	
418	9.165 523	51	9.170 227	52	0.829 773	9.995 296	1	582	
419	9.165 574	51	9.170 279	53	0.829 721	9.995 295	1	581	
.420	9.165 625	51	9.170 332	52	0.829 668	9.995 293	2	.580	
421	9.165 676	52	9.170 384	52	0.829 616	9.995 292	1	579	52
422	9.165 728	51	9.170 436	53	0.829 564	9.995 291	1	578	1 5.2
423	9.165 779	51	9.170 489	52	0.829 511	9.995 290	1	577	2 10.4
424	9.165 830	51	9.170 541	52	0.829 459	9.995 289	1	576	3 15.6
425	9.165 881	51	9.170 593	53	0.829 407	9.995 288	1	575	4 20.8
426	9.165 932	51	9.170 646	52	0.829 354	9.995 287	1	574	5 26.0
427	9.165 983	52	9.170 698	52	0.829 302	9.995 286	2	573	6 31.2
428	9.166 035	51	9.170 750	52	0.829 250	9.995 284	1	572	7 36.4
429	9.166 086	51	9.170 802	53	0.829 198	9.995 283	1	571	8 41.6
.430	9.166 137	51	9.170 855	52	0.829 145	9.995 282	1	.570	9 46.8
431	9.166 188	51	9.170 907	52	0.829 093	9.995 281	1	569	
432	9.166 239	51	9.170 959	52	0.829 041	9.995 280	1	568	
433	9.166 290	51	9.171 011	53	0.828 989	9.995 279	1	567	
434	9.166 341	52	9.171 064	52	0.828 936	9.995 278	1	566	
435	9.166 393	51	9.171 116	52	0.828 884	9.995 277	2	565	
436	9.166 444	51	9.171 168	52	0.828 832	9.995 275	1	564	51
437	9.166 495	51	9.171 220	53	0.828 780	9.995 274	1	563	1 5.1
438	9.166 546	51	9.171 273	52	0.828 727	9.995 273	1	562	2 10.2
439	9.166 597	51	9.171 325	52	0.828 675	9.995 272	1	561	3 15.3
.440	9.166 648	51	9.171 377	52	0.828 623	9.995 271	1	.560	4 20.4
441	9.166 699	51	9.171 429	52	0.828 571	9.995 270	1	559	5 25.5
442	9.166 750	51	9.171 481	53	0.828 519	9.995 269	1	558	6 30.6
443	9.166 801	51	9.171 534	52	0.828 466	9.995 268	2	557	7 35.7
444	9.166 852	51	9.171 586	52	0.828 414	9.995 266	1	556	8 40.8
445	9.166 903	51	9.171 638	52	0.828 362	9.995 265	1	555	9 45.9
446	9.166 954	51	9.171 690	52	0.828 310	9.995 264	1	554	
447	9.167 005	52	9.171 742	53	0.828 258	9.995 263	1	553	
448	9.167 057	51	9.171 795	52	0.828 205	9.995 262	1	552	
449	9.167 108	51	9.171 847	52	0.828 153	9.995 261	1	551	
.450	9.167 159		9.171 899		0.828 101	9.995 260		.550	
	cos	d	cotg	d	tang	sin	d	81°	P.P.

81°.600 — 81°.550

8°.450 — 8°.500

8°	sin	d	tang	d	cotg	cos	d		P.P.
.450	9.167 159		9.171 899		0.828 101	9.995 260		**.550**	
		51		52			1		
451	9.167 210		9.171 951		0.828 049	9.995 259		549	
		51		52			2		
452	9.167 261		9.172 003		0.827 997	9.995 257		548	
		51		52			1		
453	9.167 312		9.172 055		0.827 945	9.995 256		547	
		51		52			1		
454	9.167 363		9.172 107		0.827 893	9.995 255		546	
		51		53			1		
455	9.167 414		9.172 160		0.827 840	9.995 254		545	
		51		52			1		
456	9.167 465		9.172 212		0.827 788	9.995 253		544	
		51		52			1		
457	9.167 516		9.172 264		0.827 736	9.995 252		543	
		51		52			1		
458	9.167 567		9.172 316		0.827 684	9.995 251		542	
		51		52			1		
459	9.167 618		9.172 368		0.827 632	9.995 250		541	
		51		52			2		
.460	9.167 669		9.172 420		0.827 580	9.995 248		**.540**	
		50		52			1		
461	9.167 719		9.172 472		0.827 528	9.995 247		539	
		51		52			1		
462	9.167 770		9.172 524		0.827 476	9.995 246		538	
		51		52			1		
463	9.167 821		9.172 576		0.827 424	9.995 245		537	
		51		52			1		
464	9.167 872		9.172 628		0.827 372	9.995 244		536	
		51		52			1		
465	9.167 923		9.172 680		0.827 320	9.995 243		535	
		51		52			1		
466	9.167 974		9.172 732		0.827 268	9.995 242		534	
		51		53			1		
467	9.168 025		9.172 785		0.827 215	9.995 241		533	
		51		52			2		
468	9.168 076		9.172 837		0.827 163	9.995 239		532	
		51		52			1		
469	9.168 127		9.172 889		0.827 111	9.995 238		531	
		51		52			1		
.470	9.168 178		9.172 941		0.827 059	9.995 237		**.530**	
		51		52			1		
471	9.168 229		9.172 993		0.827 007	9.995 236		529	
		51		52			1		
472	9.168 280		9.173 045		0.826 955	9.995 235		528	
		50		52			1		
473	9.168 330		9.173 097		0.826 903	9.995 234		527	
		51		52			1		
474	9.168 381		9.173 149		0.826 851	9.995 233		526	
		51		52			1		
475	9.168 432		9.173 201		0.826 799	9.995 232		525	
		51		52			2		
476	9.168 483		9.173 253		0.826 747	9.995 230		524	
		51		52			1		
477	9.168 534		9.173 305		0.826 695	9.995 229		523	
		51		52			1		
478	9.168 585		9.173 357		0.826 643	9.995 228		522	
		51		52			1		
479	9.168 636		9.173 409		0.826 591	9.995 227		521	
		51		52			1		
.480	9.168 687		9.173 461		0.826 539	9.995 226		**.520**	
		50		52			1		
481	9.168 737		9.173 513		0.826 487	9.995 225		519	
		51		52			1		
482	9.168 788		9.173 565		0.826 435	9.995 224		518	
		51		52			2		
483	9.168 839		9.173 617		0.826 383	9.995 222		517	
		51		51			1		
484	9.168 890		9.173 668		0.826 332	9.995 221		516	
		51		52			1		
485	9.168 941		9.173 720		0.826 280	9.995 220		515	
		50		52			1		
486	9.168 991		9.173 772		0.826 228	9.995 219		514	
		51		52			1		
487	9.169 042		9.173 824		0.826 176	9.995 218		513	
		51		52			1		
488	9.169 093		9.173 876		0.826 124	9.995 217		512	
		51		52			1		
489	9.169 144		9.173 928		0.826 072	9.995 216		511	
		51		52			1		
.490	9.169 195		9.173 980		0.826 020	9.995 215		**.510**	
		50		52			2		
491	9.169 245		9.174 032		0.825 968	9.995 213		509	
		51		52			1		
492	9.169 296		9.174 084		0.825 916	9.995 212		508	
		51		52			1		
493	9.169 347		9.174 136		0.825 864	9.995 211		507	
		51		52			1		
494	9.169 398		9.174 188		0.825 812	9.995 210		506	
		50		52			1		
495	9.169 448		9.174 240		0.825 760	9.995 209		505	
		51		51			1		
496	9.169 499		9.174 291		0.825 709	9.995 208		504	
		51		52			1		
497	9.169 550		9.174 343		0.825 657	9.995 207		503	
		51		52			1		
498	9.169 601		9.174 395		0.825 605	9.995 206		502	
		50		52			2		
499	9.169 651		9.174 447		0.825 553	9.995 204		501	
		51		52			1		
.500	9.169 702		9.174 499		0.825 501	9.995 203		**.500**	
	cos	d	cotg	d	tang	sin	d	**81°**	P.P.

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1	5.3
2	10.6
3	15.9
4	21.2
5	26.5
6	31.8
7	37.1
8	42.4
9	47.7

	52
1	5.2
2	10.4
3	15.6
4	20.8
5	26.0
6	31.2
7	36.4
8	41.6
9	46.8

	51
1	5.1
2	10.2
3	15.3
4	20.4
5	25.5
6	30.6
7	35.7
8	40.8
9	45.9

	50
1	5.0
2	10.0
3	15.0
4	20.0
5	25.0
6	30.0
7	35.0
8	40.0
9	45.0

81°.550 — 81°.500

8°.500 — 8°.550

8°	sin	d	tang	d	cotg	cos	d		P.P.
.500	9.169 702	51	9.174 499	52	0.825 501	9.995 203	1	.500	
501	9.169 753	51	9.174 551	52	0.825 449	9.995 202	1	499	
502	9.169 804	50	9.174 603	51	0.825 397	9.995 201	1	498	
503	9.169 854	51	9.174 654	52	0.825 346	9.995 200	1	497	
504	9.169 905	51	9.174 706	52	0.825 294	9.995 199	1	496	
505	9.169 956	50	9.174 758	52	0.825 242	9.995 198	2	495	
506	9.170 006	51	9.174 810	52	0.825 190	9.995 196	1	494	
507	9.170 057	51	9.174 862	51	0.825 138	9.995 195	1	493	52
508	9.170 108	50	9.174 913	52	0.825 087	9.995 194	1	492	1 5.2
509	9.170 158	51	9.174 965	52	0.825 035	9.995 193	1	491	2 10.4
.510	9.170 209	51	9.175 017	52	0.824 983	9.995 192	1	.490	3 15.6
511	9.170 260	50	9.175 069	52	0.824 931	9.995 191	1	489	4 20.8
512	9.170 310	51	9.175 121	51	0.824 879	9.995 190	1	488	5 26.0
513	9.170 361	51	9.175 172	52	0.824 828	9.995 189	2	487	6 31.2
514	9.170 412	50	9.175 224	52	0.824 776	9.995 187	1	486	7 36.4
515	9.170 462	51	9.175 276	52	0.824 724	9.995 186	1	485	8 41.6
516	9.170 513	50	9.175 328	51	0.824 672	9.995 185	1	484	9 46.8
517	9.170 563	51	9.175 379	52	0.824 621	9.995 184	1	483	
518	9.170 614	51	9.175 431	52	0.824 569	9.995 183	1	482	
519	9.170 665	50	9.175 483	52	0.824 517	9.995 182	1	481	
.520	9.170 715	51	9.175 535	51	0.824 465	9.995 181	2	.480	
521	9.170 766	50	9.175 586	52	0.824 414	9.995 179	1	479	51
522	9.170 816	51	9.175 638	52	0.824 362	9.995 178	1	478	1 5.1
523	9.170 867	51	9.175 690	52	0.824 310	9.995 177	1	477	2 10.2
524	9.170 918	50	9.175 742	51	0.824 258	9.995 176	1	476	3 15.3
525	9.170 968	51	9.175 793	52	0.824 207	9.995 175	1	475	4 20.4
526	9.171 019	50	9.175 845	52	0.824 155	9.995 174	1	474	5 25.5
527	9.171 069	51	9.175 897	51	0.824 103	9.995 173	2	473	6 30.6
528	9.171 120	50	9.175 948	52	0.824 052	9.995 171	1	472	7 35.7
529	9.171 170	51	9.176 000	52	0.824 000	9.995 170	1	471	8 40.8
.530	9.171 221	50	9.176 052	51	0.823 948	9.995 169	1	.470	9 45.9
531	9.171 271	51	9.176 103	52	0.823 897	9.995 168	1	469	
532	9.171 322	50	9.176 155	52	0.823 845	9.995 167	1	468	
533	9.171 372	51	9.176 207	51	0.823 793	9.995 166	1	467	
534	9.171 423	51	9.176 258	52	0.823 742	9.995 165	1	466	
535	9.171 474	50	9.176 310	52	0.823 690	9.995 164	2	465	
536	9.171 524	51	9.176 362	51	0.823 638	9.995 162	1	464	50
537	9.171 575	50	9.176 413	52	0.823 587	9.995 161	1	463	1 5.0
538	9.171 625	51	9.176 465	52	0.823 535	9.995 160	1	462	2 10.0
539	9.171 676	50	9.176 517	51	0.823 483	9.995 159	1	461	3 15.0
.540	9.171 726	50	9.176 568	52	0.823 432	9.995 158	1	.460	4 20.0
541	9.171 776	51	9.176 620	51	0.823 380	9.995 157	1	459	5 25.0
542	9.171 827	50	9.176 671	52	0.823 329	9.995 156	2	458	6 30.0
543	9.171 877	51	9.176 723	52	0.823 277	9.995 154	1	457	7 35.0
544	9.171 928	50	9.176 775	51	0.823 225	9.995 153	1	456	8 40.0
545	9.171 978	51	9.176 826	52	0.823 174	9.995 152	1	455	9 45.0
546	9.172 029	50	9.176 878	51	0.823 122	9.995 151	1	454	
547	9.172 079	51	9.176 929	52	0.823 071	9.995 150	1	453	
548	9.172 130	50	9.176 981	51	0.823 019	9.995 149	1	452	
549	9.172 180	50	9.177 032	52	0.822 968	9.995 148	2	451	
.550	9.172 230		9.177 084		0.822 916	9.995 146		.450	
	cos	d	cotg	d	tang	sin	d	81°	P.P.

81°.500 — 81°.450

8°.550 — 8°.600

8°	sin	d	tang	d	cotg	cos	d		P.P.
.550	9.172 230	51	9.177 084	52	0.822 916	9.995 146	1	**.450**	
551	9.172 281	50	9.177 136	51	0.822 864	9.995 145	1	449	
552	9.172 331	51	9.177 187	52	0.822 813	9.995 144	1	448	
553	9.172 382	50	9.177 239	51	0.822 761	9.995 143	1	447	
554	9.172 432	50	9.177 290	52	0.822 710	9.995 142	1	446	
555	9.172 482	51	9.177 342	51	0.822 658	9.995 141	1	445	
556	9.172 533	50	9.177 393	52	0.822 607	9.995 140	2	444	
557	9.172 583	51	9.177 445	51	0.822 555	9.995 138	1	443	
558	9.172 634	50	9.177 496	52	0.822 504	9.995 137	1	442	
559	9.172 684	50	9.177 548	51	0.822 452	9.995 136	1	441	
.560	9.172 734	51	9.177 599	52	0.822 401	9.995 135	1	**.440**	
561	9.172 785	50	9.177 651	51	0.822 349	9.995 134	1	439	
562	9.172 835	50	9.177 702	52	0.822 298	9.995 133	1	438	
563	9.172 885	51	9.177 754	51	0.822 246	9.995 132	1	437	
564	9.172 936	50	9.177 805	52	0.822 195	9.995 130	2	436	
565	9.172 986	50	9.177 857	51	0.822 143	9.995 129	1	435	
566	9.173 036	51	9.177 908	52	0.822 092	9.995 128	1	434	
567	9.173 087	50	9.177 960	51	0.822 040	9.995 127	1	433	
568	9.173 137	50	9.178 011	52	0.821 989	9.995 126	1	432	
569	9.173 187	51	9.178 063	51	0.821 937	9.995 125	1	431	
.570	9.173 238	50	9.178 114	51	0.821 886	9.995 124	1	**.430**	
571	9.173 288	50	9.178 165	52	0.821 835	9.995 122	2	429	
572	9.173 338	50	9.178 217	51	0.821 783	9.995 121	1	428	
573	9.173 388	51	9.178 268	52	0.821 732	9.995 120	1	427	
574	9.173 439	50	9.178 320	51	0.821 680	9.995 119	1	426	
575	9.173 489	50	9.178 371	52	0.821 629	9.995 118	1	425	
576	9.173 539	51	9.178 423	51	0.821 577	9.995 117	1	424	
577	9.173 590	50	9.178 474	51	0.821 526	9.995 116	2	423	
578	9.173 640	50	9.178 525	52	0.821 475	9.995 114	1	422	
579	9.173 690	50	9.178 577	51	0.821 423	9.995 113	1	421	
.580	9.173 740	51	9.178 628	51	0.821 372	9.995 112	1	**.420**	
581	9.173 791	50	9.178 679	52	0.821 321	9.995 111	1	419	
582	9.173 841	50	9.178 731	51	0.821 269	9.995 110	1	418	
583	9.173 891	50	9.178 782	52	0.821 218	9.995 109	1	417	
584	9.173 941	50	9.178 834	51	0.821 166	9.995 108	2	416	
585	9.173 991	51	9.178 885	51	0.821 115	9.995 106	1	415	
586	9.174 042	50	9.178 936	52	0.821 064	9.995 105	1	414	
587	9.174 092	50	9.178 988	51	0.821 012	9.995 104	1	413	
588	9.174 142	50	9.179 039	51	0.820 961	9.995 103	1	412	
589	9.174 192	50	9.179 090	52	0.820 910	9.995 102	1	411	
.590	9.174 242	51	9.179 142	51	0.820 858	9.995 101	1	**.410**	
591	9.174 293	50	9.179 193	51	0.820 807	9.995 100	2	409	
592	9.174 343	50	9.179 244	52	0.820 756	9.995 098	1	408	
593	9.174 393	50	9.179 296	51	0.820 704	9.995 097	1	407	
594	9.174 443	50	9.179 347	51	0.820 653	9.995 096	1	406	
595	9.174 493	50	9.179 398	51	0.820 602	9.995 095	1	405	
596	9.174 543	50	9.179 449	52	0.820 551	9.995 094	1	404	
597	9.174 593	51	9.179 501	51	0.820 499	9.995 093	1	403	
598	9.174 644	50	9.179 552	51	0.820 448	9.995 092	2	402	
599	9.174 694	50	9.179 603	52	0.820 397	9.995 090	1	401	
.600	9.174 744		9.179 655		0.820 345	9.995 089		**.400**	
	cos	d	cotg	d	tang	sin	d	**81°**	P.P.

	52
1	5.2
2	10.4
3	15.6
4	20.8
5	26.0
6	31.2
7	36.4
8	41.6
9	46.8

	51
1	5.1
2	10.2
3	15.3
4	20.4
5	25.5
6	30.6
7	35.7
8	40.8
9	45.9

	50
1	5.0
2	10.0
3	15.0
4	20.0
5	25.0
6	30.0
7	35.0
8	40.0
9	45.0

81°.450 — 81°.400

8°.600 — 8°.650

8°	sin	d	tang	d	cotg	cos	d		P.P.
.600	9.174 744	50	9.179 655	51	0.820 345	9.995 089	1	.400	
601	9.174 794	50	9.179 706	51	0.820 294	9.995 088	1	399	
602	9.174 844	50	9.179 757	51	0.820 243	9.995 087	1	398	
603	9.174 894	50	9.179 808	52	0.820 192	9.995 086	1	397	
604	9.174 944	50	9.179 860	51	0.820 140	9.995 085	1	396	52
605	9.174 994	50	9.179 911	51	0.820 089	9.995 084	2	395	1 5.2
606	9.175 044	51	9.179 962	51	0.820 038	9.995 082	1	394	2 10.4
607	9.175 095	50	9.180 013	51	0.819 987	9.995 081	1	393	3 15.6
608	9.175 145	50	9.180 064	52	0.819 936	9.995 080	1	392	4 20.8
609	9.175 195	50	9.180 116	51	0.819 884	9.995 079	1	391	5 26.0
.610	9.175 245	50	9.180 167	51	0.819 833	9.995 078	1	.390	6 31.2
611	9.175 295	50	9.180 218	51	0.819 782	9.995 077	1	389	7 36.4
612	9.175 345	50	9.180 269	52	0.819 731	9.995 076	1	388	8 41.6
613	9.175 395	50	9.180 321	51	0.819 679	9.995 074	2	387	9 46.8
614	9.175 445	50	9.180 372	51	0.819 628	9.995 073	1	386	
615	9.175 495	50	9.180 423	51	0.819 577	9.995 072	1	385	51
616	9.175 545	50	9.180 474	51	0.819 526	9.995 071	1	384	1 5.1
617	9.175 595	50	9.180 525	51	0.819 475	9.995 070	1	383	2 10.2
618	9.175 645	50	9.180 576	52	0.819 424	9.995 069	1	382	3 15.3
619	9.175 695	50	9.180 628	51	0.819 372	9.995 067	2	381	4 20.4
.620	9.175 745	50	9.180 679	51	0.819 321	9.995 066	1	.380	5 25.5
621	9.175 795	50	9.180 730	51	0.819 270	9.995 065	1	379	6 30.6
622	9.175 845	50	9.180 781	51	0.819 219	9.995 064	1	378	7 35.7
623	9.175 895	50	9.180 832	51	0.819 168	9.995 063	1	377	8 40.8
624	9.175 945	50	9.180 883	51	0.819 117	9.995 062	1	376	9 45.9
625	9.175 995	50	9.180 934	52	0.819 066	9.995 061	1	375	
626	9.176 045	50	9.180 986	51	0.819 014	9.995 059	2	374	
627	9.176 095	50	9.181 037	51	0.818 963	9.995 058	1	373	50
628	9.176 145	50	9.181 088	51	0.818 912	9.995 057	1	372	1 5.0
629	9.176 195	50	9.181 139	51	0.818 861	9.995 056	1	371	2 10.0
.630	9.176 245	50	9.181 190	51	0.818 810	9.995 055	1	.370	3 15.0
631	9.176 295	50	9.181 241	51	0.818 759	9.995 054	1	369	4 20.0
632	9.176 345	50	9.181 292	51	0.818 708	9.995 053	1	368	5 25.0
633	9.176 395	50	9.181 343	51	0.818 657	9.995 051	2	367	6 30.0
634	9.176 445	50	9.181 394	51	0.818 606	9.995 050	1	366	7 35.0
635	9.176 494	49	9.181 445	51	0.818 555	9.995 049	1	365	8 40.0
636	9.176 544	50	9.181 496	51	0.818 504	9.995 048	1	364	9 45.0
637	9.176 594	50	9.181 547	51	0.818 453	9.995 047	1	363	
638	9.176 644	50	9.181 598	51	0.818 402	9.995 046	1	362	
639	9.176 694	50	9.181 650	52	0.818 350	9.995 044	2	361	49
.640	9.176 744	50	9.181 701	51	0.818 299	9.995 043	1	.360	1 4.9
641	9.176 794	50	9.181 752	51	0.818 248	9.995 042	1	359	2 9.8
642	9.176 844	50	9.181 803	51	0.818 197	9.995 041	1	358	3 14.7
643	9.176 894	50	9.181 854	51	0.818 146	9.995 040	1	357	4 19.6
644	9.176 943	49	9.181 905	51	0.818 095	9.995 039	1	356	5 24.5
645	9.176 993	50	9.181 956	51	0.818 044	9.995 038	1	355	6 29.4
646	9.177 043	50	9.182 007	51	0.817 993	9.995 036	2	354	7 34.3
647	9.177 093	50	9.182 058	51	0.817 942	9.995 035	1	353	8 39.2
648	9.177 143	50	9.182 109	51	0.817 891	9.995 034	1	352	9 44.1
649	9.177 193	50	9.182 160	51	0.817 840	9.995 033	1	351	
.650	9.177 242	49	9.182 211	51	0.817 789	9.995 032	1	.350	
	cos	d	cotg	d	tang	sin	d	81°	P.P.

81°.400 — 81°.350

8°.650 — 8°.700

8°	sin	d	tang	d	cotg	cos	d		P.P.
.650	9.177 242	50	9.182 211	51	0.817 789	9.995 032	1	**.350**	
651	9.177 292	50	9.182 262	51	0.817 738	9.995 031	1	349	
652	9.177 342	50	9.182 313	51	0.817 687	9.995 030	2	348	
653	9.177 392	50	9.182 364	51	0.817 636	9.995 028	1	347	
654	9.177 442	50	9.182 415	50	0.817 585	9.995 027	1	346	
655	9.177 492	49	9.182 465	51	0.817 535	9.995 026	1	345	
656	9.177 541	50	9.182 516	51	0.817 484	9.995 025	1	344	
657	9.177 591	50	9.182 567	51	0.817 433	9.995 024	1	343	51
658	9.177 641	50	9.182 618	51	0.817 382	9.995 023	2	342	1 5.1
659	9.177 691	49	9.182 669	51	0.817 331	9.995 021	1	341	2 10.2
.660	9.177 740	50	9.182 720	51	0.817 280	9.995 020	1	**.340**	3 15.3
661	9.177 790	50	9.182 771	51	0.817 229	9.995 019	1	339	4 20.4
662	9.177 840	50	9.182 822	51	0.817 178	9.995 018	1	338	5 25.5
663	9.177 890	49	9.182 873	51	0.817 127	9.995 017	1	337	6 30.6
664	9.177 939	50	9.182 924	51	0.817 076	9.995 016	1	336	7 35.7
665	9.177 989	50	9.182 975	51	0.817 025	9.995 015	2	335	8 40.8
666	9.178 039	50	9.183 026	50	0.816 974	9.995 013	1	334	9 45.9
667	9.178 089	49	9.183 076	51	0.816 924	9.995 012	1	333	
668	9.178 138	50	9.183 127	51	0.816 873	9.995 011	1	332	
669	9.178 188	50	9.183 178	51	0.816 822	9.995 010	1	331	
.670	9.178 238	50	9.183 229	51	0.816 771	9.995 009	1	**.330**	
671	9.178 288	49	9.183 280	51	0.816 720	9.995 008	2	329	50
672	9.178 337	50	9.183 331	51	0.816 669	9.995 006	1	328	1 5.0
673	9.178 387	50	9.183 382	50	0.816 618	9.995 005	1	327	2 10.0
674	9.178 437	49	9.183 432	51	0.816 568	9.995 004	1	326	3 15.0
675	9.178 486	50	9.183 483	51	0.816 517	9.995 003	1	325	4 20.0
676	9.178 536	50	9.183 534	51	0.816 466	9.995 002	1	324	5 25.0
677	9.178 586	49	9.183 585	51	0.816 415	9.995 001	2	323	6 30.0
678	9.178 635	50	9.183 636	51	0.816 364	9.994 999	1	322	7 35.0
679	9.178 685	50	9.183 687	50	0.816 313	9.994 998	1	321	8 40.0
.680	9.178 735	49	9.183 737	51	0.816 263	9.994 997	1	**.320**	9 45.0
681	9.178 784	50	9.183 788	51	0.816 212	9.994 996	1	319	
682	9.178 834	50	9.183 839	51	0.816 161	9.994 995	1	318	
683	9.178 884	49	9.183 890	51	0.816 110	9.994 994	1	317	
684	9.178 933	50	9.183 941	50	0.816 059	9.994 993	2	316	
685	9.178 983	49	9.183 991	51	0.816 009	9.994 991	1	315	
686	9.179 032	50	9.184 042	51	0.815 958	9.994 990	1	314	49
687	9.179 082	50	9.184 093	51	0.815 907	9.994 989	1	313	1 4.9
688	9.179 132	49	9.184 144	50	0.815 856	9.994 988	1	312	2 9.8
689	9.179 181	50	9.184 194	51	0.815 806	9.994 987	1	311	3 14.7
.690	9.179 231	49	9.184 245	51	0.815 755	9.994 986	2	**.310**	4 19.6
691	9.179 280	50	9.184 296	51	0.815 704	9.994 984	1	309	5 24.5
692	9.179 330	50	9.184 347	50	0.815 653	9.994 983	1	308	6 29.4
693	9.179 380	49	9.184 397	51	0.815 603	9.994 982	1	307	7 34.3
694	9.179 429	50	9.184 448	51	0.815 552	9.994 981	1	306	8 39.2
695	9.179 479	49	9.184 499	51	0.815 501	9.994 980	1	305	9 44.1
696	9.179 528	50	9.184 550	50	0.815 450	9.994 979	2	304	
697	9.179 578	49	9.184 600	51	0.815 400	9.994 977	1	303	
698	9.179 627	50	9.184 651	51	0.815 349	9.994 976	1	302	
699	9.179 677	49	9.184 702	50	0.815 298	9.994 975	1	301	
.700	9.179 726		9.184 752		0.815 248	9.994 974		**.300**	
	cos	d	cotg	d	tang	sin	d	81°	P.P.

81°.350 — 81°.300

8°.700 — 8°.750

8°	sin	d	tang	d	cotg	cos	d		P.P.
.700	9.179 726	50	9.184 752	51	0.815 248	9.994 974	1	**.300**	
701	9.179 776	50	9.184 803	51	0.815 197	9.994 973	1	299	
702	9.179 826	49	9.184 854	51	0.815 146	9.994 972	1	298	
703	9.179 875	50	9.184 905	50	0.815 095	9.994 971	2	297	
704	9.179 925	49	9.184 955	51	0.815 045	9.994 969	1	296	
705	9.179 974	50	9.185 006	51	0.814 994	9.994 968	1	295	
706	9.180 024	49	9.185 057	50	0.814 943	9.994 967	1	294	
707	9.180 073	50	9.185 107	51	0.814 893	9.994 966	1	293	
708	9.180 123	49	9.185 158	50	0.814 842	9.994 965	1	292	
709	9.180 172	50	9.185 208	51	0.814 792	9.994 964	1	291	
.710	9.180 222	49	9.185 259	51	0.814 741	9.994 962	2	**.290**	
711	9.180 271	49	9.185 310	50	0.814 690	9.994 961	1	289	
712	9.180 320	50	9.185 360	51	0.814 640	9.994 960	1	288	
713	9.180 370	49	9.185 411	51	0.814 589	9.994 959	1	287	
714	9.180 419	50	9.185 462	50	0.814 538	9.994 958	1	286	
715	9.180 469	49	9.185 512	51	0.814 488	9.994 957	1	285	
716	9.180 518	50	9.185 563	50	0.814 437	9.994 955	2	284	
717	9.180 568	49	9.185 613	51	0.814 387	9.994 954	1	283	
718	9.180 617	50	9.185 664	51	0.814 336	9.994 953	1	282	
719	9.180 667	49	9.185 715	50	0.814 285	9.994 952	1	281	
.720	9.180 716	49	9.185 765	51	0.814 235	9.994 951	1	**.280**	
721	9.180 765	50	9.185 816	50	0.814 184	9.994 950	1	279	
722	9.180 815	49	9.185 866	51	0.814 134	9.994 948	2	278	
723	9.180 864	50	9.185 917	51	0.814 083	9.994 947	1	277	
724	9.180 914	49	9.185 968	50	0.814 032	9.994 946	1	276	
725	9.180 963	49	9.186 018	51	0.813 982	9.994 945	1	275	
726	9.181 012	50	9.186 069	50	0.813 931	9.994 944	1	274	
727	9.181 062	49	9.186 119	51	0.813 881	9.994 943	1	273	
728	9.181 111	50	9.186 170	50	0.813 830	9.994 941	2	272	
729	9.181 161	49	9.186 220	51	0.813 780	9.994 940	1	271	
.730	9.181 210	49	9.186 271	50	0.813 729	9.994 939	1	**.270**	
731	9.181 259	50	9.186 321	51	0.813 679	9.994 938	1	269	
732	9.181 309	49	9.186 372	50	0.813 628	9.994 937	1	268	
733	9.181 358	49	9.186 422	51	0.813 578	9.994 936	1	267	
734	9.181 407	50	9.186 473	50	0.813 527	9.994 934	2	266	
735	9.181 457	49	9.186 523	51	0.813 477	9.994 933	1	265	
736	9.181 506	49	9.186 574	50	0.813 426	9.994 932	1	264	
737	9.181 555	50	9.186 624	51	0.813 376	9.994 931	1	263	
738	9.181 605	49	9.186 675	50	0.813 325	9.994 930	1	262	
739	9.181 654	49	9.186 725	51	0.813 275	9.994 929	1	261	
.740	9.181 703	50	9.186 776	50	0.813 224	9.994 927	2	**.260**	
741	9.181 753	49	9.186 826	51	0.813 174	9.994 926	1	259	
742	9.181 802	49	9.186 877	50	0.813 123	9.994 925	1	258	
743	9.181 851	49	9.186 927	51	0.813 073	9.994 924	1	257	
744	9.181 900	50	9.186 978	50	0.813 022	9.994 923	1	256	
745	9.181 950	49	9.187 028	50	0.812 972	9.994 922	1	255	
746	9.181 999	49	9.187 078	51	0.812 922	9.994 920	2	254	
747	9.182 048	49	9.187 129	50	0.812 871	9.994 919	1	253	
748	9.182 097	50	9.187 179	51	0.812 821	9.994 918	1	252	
749	9.182 147	49	9.187 230	50	0.812 770	9.994 917	1	251	
.750	9.182 196		9.187 280		0.812 720	9.994 916	1	**.250**	
	cos	d	cotg	d	tang	sin	d	**81°**	P.P.

	51
1	5.1
2	10.2
3	15.3
4	20.4
5	25.5
6	30.6
7	35.7
8	40.8
9	45.9

	50
1	5.0
2	10.0
3	15.0
4	20.0
5	25.0
6	30.0
7	35.0
8	40.0
9	45.0

	49
1	4.9
2	9.8
3	14.7
4	19.6
5	24.5
6	29.4
7	34.3
8	39.2
9	44.1

81°.300 — 81°.250

8°.750 — 8°.800

8°	sin	d	tang	d	cotg	cos	d		P.P.
.750	9.182 196	49	9.187 280	51	0.812 720	9.994 916	1	**.250**	
751	9.182 245	49	9.187 331	50	0.812 669	9.994 915	2	249	
752	9.182 294	50	9.187 381	50	0.812 619	9.994 913	1	248	
753	9.182 344	49	9.187 431	51	0.812 569	9.994 912	1	247	
754	9.182 393	49	9.187 482	50	0.812 518	9.994 911	1	246	
755	9.182 442	49	9.187 532	51	0.812 468	9.994 910	1	245	
756	9.182 491	50	9.187 583	50	0.812 417	9.994 909	1	244	
757	9.182 541	49	9.187 633	50	0.812 367	9.994 908	2	243	
758	9.182 590	49	9.187 683	51	0.812 317	9.994 906	1	242	
759	9.182 639	49	9.187 734	50	0.812 266	9.994 905	1	241	
.760	9.182 688	49	9.187 784	50	0.812 216	9.994 904	1	**.240**	
761	9.182 737	50	9.187 834	51	0.812 166	9.994 903	1	239	
762	9.182 787	49	9.187 885	50	0.812 115	9.994 902	1	238	
763	9.182 836	49	9.187 935	50	0.812 065	9.994 901	2	237	
764	9.182 885	49	9.187 985	51	0.812 015	9.994 899	1	236	
765	9.182 934	49	9.188 036	50	0.811 964	9.994 898	1	235	
766	9.182 983	49	9.188 086	50	0.811 914	9.994 897	1	234	
767	9.183 032	50	9.188 136	51	0.811 864	9.994 896	1	233	
768	9.183 082	49	9.188 187	50	0.811 813	9.994 895	1	232	
769	9.183 131	49	9.188 237	50	0.811 763	9.994 894	2	231	
.770	9.183 180	49	9.188 287	51	0.811 713	9.994 892	1	**.230**	
771	9.183 229	49	9.188 338	50	0.811 662	9.994 891	1	229	
772	9.183 278	49	9.188 388	50	0.811 612	9.994 890	1	228	
773	9.183 327	49	9.188 438	50	0.811 562	9.994 889	1	227	
774	9.183 376	49	9.188 488	51	0.811 512	9.994 888	1	226	
775	9.183 425	49	9.188 539	50	0.811 461	9.994 887	2	225	
776	9.183 474	49	9.188 589	50	0.811 411	9.994 885	1	224	
777	9.183 524	50	9.188 639	51	0.811 361	9.994 884	1	223	
778	9.183 573	49	9.188 690	50	0.811 310	9.994 883	1	222	
779	9.183 622	49	9.188 740	50	0.811 260	9.994 882	1	221	
.780	9.183 671	49	9.188 790	50	0.811 210	9.994 881	1	**.220**	
781	9.183 720	49	9.188 840	51	0.811 160	9.994 880	2	219	
782	9.183 769	49	9.188 891	50	0.811 109	9.994 878	1	218	
783	9.183 818	49	9.188 941	50	0.811 059	9.994 877	1	217	
784	9.183 867	49	9.188 991	50	0.811 009	9.994 876	1	216	
785	9.183 916	49	9.189 041	50	0.810 959	9.994 875	1	215	
786	9.183 965	49	9.189 091	51	0.810 909	9.994 874	1	214	
787	9.184 014	49	9.189 142	50	0.810 858	9.994 873	2	213	
788	9.184 063	49	9.189 192	50	0.810 808	9.994 871	1	212	
789	9.184 112	49	9.189 242	50	0.810 758	9.994 870	1	211	
.790	9.184 161	49	9.189 292	50	0.810 708	9.994 869	1	**.210**	
791	9.184 210	49	9.189 342	51	0.810 658	9.994 868	1	209	
792	9.184 259	49	9.189 393	50	0.810 607	9.994 867	1	208	
793	9.184 308	49	9.189 443	50	0.810 557	9.994 866	2	207	
794	9.184 357	49	9.189 493	50	0.810 507	9.994 864	1	206	
795	9.184 406	49	9.189 543	50	0.810 457	9.994 863	1	205	
796	9.184 455	49	9.189 593	50	0.810 407	9.994 862	1	204	
797	9.184 504	49	9.189 643	51	0.810 357	9.994 861	1	203	
798	9.184 553	49	9.189 694	50	0.810 306	9.994 860	2	202	
799	9.184 602	49	9.189 744	50	0.810 256	9.994 858	1	201	
.800	9.184 651	49	9.189 794		0.810 206	9.994 857		**.200**	
	cos	d	cotg	d	tang	sin	d	**81°**	P.P.

	51
1	5.1
2	10.2
3	15.3
4	20.4
5	25.5
6	30.6
7	35.7
8	40.8
9	45.9

	50
1	5.0
2	10.0
3	15.0
4	20.0
5	25.0
6	30.0
7	35.0
8	40.0
9	45.0

	49
1	4.9
2	9.8
3	14.7
4	19.6
5	24.5
6	29.4
7	34.3
8	39.2
9	44.1

81°.250 — 81°.200

8°.800 — 8°.850

8°	sin	d	tang	d	cotg	cos	d		P.P.
.800	9.184 651	49	9.189 794	50	0.810 206	9.994 857	1	.200	
801	9.184 700	49	9.189 844	50	0.810 156	9.994 856	1	199	
802	9.184 749	49	9.189 894	50	0.810 106	9.994 855	1	198	
803	9.184 798	49	9.189 944	50	0.810 056	9.994 854	1	197	
804	9.184 847	49	9.189 994	51	0.810 006	9.994 853	2	196	51
805	9.184 896	49	9.190 045	50	0.809 955	9.994 851	1	195	1 5.1
806	9.184 945	49	9.190 095	50	0.809 905	9.994 850	1	194	2 10.2
807	9.184 994	49	9.190 145	50	0.809 855	9.994 849	1	193	3 15.3
808	9.185 043	49	9.190 195	50	0.809 805	9.994 848	1	192	4 20.4
809	9.185 092	49	9.190 245	50	0.809 755	9.994 847	1	191	5 25.5
.810	9.185 141	48	9.190 295	50	0.809 705	9.994 846	2	.190	6 30.6
811	9.185 189	49	9.190 345	50	0.809 655	9.994 844	1	189	7 35.7
812	9.185 238	49	9.190 395	50	0.809 605	9.994 843	1	188	8 40.8
813	9.185 287	49	9.190 445	50	0.809 555	9.994 842	1	187	9 45.9
814	9.185 336	49	9.190 495	50	0.809 505	9.994 841	1	186	
815	9.185 385	49	9.190 545	50	0.809 455	9.994 840	1	185	50
816	9.185 434	49	9.190 595	50	0.809 405	9.994 839	1	184	1 5.0
817	9.185 483	49	9.190 645	50	0.809 355	9.994 837	2	183	2 10.0
818	9.185 532	49	9.190 695	50	0.809 305	9.994 836	1	182	3 15.0
819	9.185 581	49	9.190 745	50	0.809 255	9.994 835	1	181	4 20.0
.820	9.185 629	48	9.190 796	51	0.809 204	9.994 834	1	.180	5 25.0
821	9.185 678	49	9.190 846	50	0.809 154	9.994 833	1	179	6 30.0
822	9.185 727	49	9.190 896	50	0.809 104	9.994 831	2	178	7 35.0
823	9.185 776	49	9.190 946	50	0.809 054	9.994 830	1	177	8 40.0
824	9.185 825	49	9.190 996	50	0.809 004	9.994 829	1	176	9 45.0
825	9.185 874	49	9.191 046	50	0.808 954	9.994 828	1	175	
826	9.185 922	48	9.191 096	50	0.808 904	9.994 827	1	174	
827	9.185 971	49	9.191 146	50	0.808 854	9.994 826	1	173	49
828	9.186 020	49	9.191 196	50	0.808 804	9.994 824	2	172	1 4.9
829	9.186 069	49	9.191 246	50	0.808 754	9.994 823	1	171	2 9.8
.830	9.186 118	49	9.191 296	50	0.808 704	9.994 822	1	.170	3 14.7
831	9.186 166	48	9.191 345	49	0.808 655	9.994 821	1	169	4 19.6
832	9.186 215	49	9.191 395	50	0.808 605	9.994 820	1	168	5 24.5
833	9.186 264	49	9.191 445	50	0.808 555	9.994 819	1	167	6 29.4
834	9.186 313	49	9.191 495	50	0.808 505	9.994 817	2	166	7 34.3
835	9.186 361	48	9.191 545	50	0.808 455	9.994 816	1	165	8 39.2
836	9.186 410	49	9.191 595	50	0.808 405	9.994 815	1	164	9 44.1
837	9.186 459	49	9.191 645	50	0.808 355	9.994 814	1	163	
838	9.186 508	49	9.191 695	50	0.808 305	9.994 813	1	162	
839	9.186 556	48	9.191 745	50	0.808 255	9.994 811	2	161	48
.840	9.186 605	49	9.191 795	50	0.808 205	9.994 810	1	.160	1 4.8
841	9.186 654	49	9.191 845	50	0.808 155	9.994 809	1	159	2 9.6
842	9.186 703	49	9.191 895	50	0.808 105	9.994 808	1	158	3 14.4
843	9.186 751	48	9.191 945	50	0.808 055	9.994 807	1	157	4 19.2
844	9.186 800	49	9.191 995	50	0.808 005	9.994 806	1	156	5 24.0
845	9.186 849	49	9.192 044	49	0.807 956	9.994 804	2	155	6 28.8
846	9.186 898	49	9.192 094	50	0.807 906	9.994 803	1	154	7 33.6
847	9.186 946	48	9.192 144	50	0.807 856	9.994 802	1	153	8 38.4
848	9.186 995	49	9.192 194	50	0.807 806	9.994 801	1	152	9 43.2
849	9.187 044	49	9.192 244	50	0.807 756	9.994 800	1	151	
.850	9.187 092	48	9.192 294	50	0.807 706	9.994 798	2	.150	
	cos	d	cotg	d	tang	sin	d	81°	P.P.

81°.200 — 81°.150

8°.850 — 8°.900

8°	sin	d	tang	d	cotg	cos	d		P.P.
.850	9.187 092	49	9.192 294	50	0.807 706	9.994 798	1	**.150**	
851	9.187 141	49	9.192 344	50	0.807 656	9.994 797	1	149	
852	9.187 190	48	9.192 394	49	0.807 606	9.994 796	1	148	
853	9.187 238	49	9.192 443	50	0.807 557	9.994 795	1	147	
854	9.187 287	49	9.192 493	50	0.807 507	9.994 794	1	146	
855	9.187 336	48	9.192 543	50	0.807 457	9.994 793	2	145	
856	9.187 384	49	9.192 593	50	0.807 407	9.994 791	1	144	
857	9.187 433	49	9.192 643	50	0.807 357	9.994 790	1	143	
858	9.187 482	48	9.192 693	49	0.807 307	9.994 789	1	142	
859	9.187 530	49	9.192 742	50	0.807 258	9.994 788	1	141	
.860	9.187 579	48	9.192 792	50	0.807 208	9.994 787	2	**.140**	
861	9.187 627	49	9.192 842	50	0.807 158	9.994 785	1	139	
862	9.187 676	49	9.192 892	50	0.807 108	9.994 784	1	138	
863	9.187 725	48	9.192 942	49	0.807 058	9.994 783	1	137	
864	9.187 773	49	9.192 991	50	0.807 009	9.994 782	1	136	
865	9.187 822	49	9.193 041	50	0.806 959	9.994 781	2	135	
866	9.187 871	48	9.193 091	50	0.806 909	9.994 780	1	134	
867	9.187 919	49	9.193 141	49	0.806 859	9.994 778	1	133	
868	9.187 968	48	9.193 190	50	0.806 810	9.994 777	1	132	
869	9.188 016	49	9.193 240	50	0.806 760	9.994 776	1	131	
.870	9.188 065	48	9.193 290	50	0.806 710	9.994 775	1	**.130**	
871	9.188 113	49	9.193 340	50	0.806 660	9.994 774	2	129	
872	9.188 162	49	9.193 390	49	0.806 610	9.994 772	1	128	
873	9.188 211	48	9.193 439	50	0.806 561	9.994 771	1	127	
874	9.188 259	49	9.193 489	50	0.806 511	9.994 770	1	126	
875	9.188 308	48	9.193 539	49	0.806 461	9.994 769	1	125	
876	9.188 356	49	9.193 588	50	0.806 412	9.994 768	1	124	
877	9.188 405	48	9.193 638	50	0.806 362	9.994 767	2	123	
878	9.188 453	49	9.193 688	50	0.806 312	9.994 765	1	122	
879	9.188 502	48	9.193 738	49	0.806 262	9.994 764	1	121	
.880	9.188 550	49	9.193 787	50	0.806 213	9.994 763	1	**.120**	
881	9.188 599	48	9.193 837	50	0.806 163	9.994 762	1	119	
882	9.188 647	49	9.193 887	49	0.806 113	9.994 761	2	118	
883	9.188 696	48	9.193 936	50	0.806 064	9.994 759	1	117	
884	9.188 744	49	9.193 986	50	0.806 014	9.994 758	1	116	
885	9.188 793	48	9.194 036	49	0.805 964	9.994 757	1	115	
886	9.188 841	49	9.194 085	50	0.805 915	9.994 756	1	114	
887	9.188 890	48	9.194 135	50	0.805 865	9.994 755	2	113	
888	9.188 938	49	9.194 185	49	0.805 815	9.994 754	1	112	
889	9.188 987	48	9.194 234	50	0.805 766	9.994 752	1	111	
.890	9.189 035	49	9.194 284	50	0.805 716	9.994 751	1	**.110**	
891	9.189 084	48	9.194 334	49	0.805 666	9.994 750	1	109	
892	9.189 132	49	9.194 383	50	0.805 617	9.994 749	1	108	
893	9.189 181	48	9.194 433	50	0.805 567	9.994 748	2	107	
894	9.189 229	48	9.194 483	49	0.805 517	9.994 746	1	106	
895	9.189 277	49	9.194 532	50	0.805 468	9.994 745	1	105	
896	9.189 326	48	9.194 582	49	0.805 418	9.994 744	1	104	
897	9.189 374	49	9.194 631	50	0.805 369	9.994 743	1	103	
898	9.189 423	48	9.194 681	50	0.805 319	9.994 742	2	102	
899	9.189 471	48	9.194 731	49	0.805 269	9.994 740	1	101	
.900	9.189 519		9.194 780		0.805 220	9.994 739		**.100**	
	cos	d	cotg	d	tang	sin	d	**81°**	P.P.

	50
1	5.0
2	10.0
3	15.0
4	20.0
5	25.0
6	30.0
7	35.0
8	40.0
9	45.0

	49
1	4.9
2	9.8
3	14.7
4	19.6
5	24.5
6	29.4
7	34.3
8	39.2
9	44.1

	48
1	4.8
2	9.6
3	14.4
4	19.2
5	24.0
6	28.8
7	33.6
8	38.4
9	43.2

81°.150 — 81°.100

8°.900 — 8°.950

8°	sin	d	tang	d	cotg	cos	d		P.P.
.900	9.189 519		9.194 780		0.805 220	9.994 739		**.100**	
		49		50			1		
901	9.189 568		9.194 830		0.805 170	9.994 738		099	
		48		49			1		
902	9.189 616		9.194 879		0.805 121	9.994 737		098	
		49		50			1		
903	9.189 665		9.194 929		0.805 071	9.994 736		097	
		48		49			1		
904	9.189 713		9.194 978		0.805 022	9.994 735		096	
		48		50			2		
905	9.189 761		9.195 028		0.804 972	9.994 733		095	
		49		50			1		
906	9.189 810		9.195 078		0.804 922	9.994 732		094	
		48		49			1		
907	9.189 858		9.195 127		0.804 873	9.994 731		093	
		49		50			1		
908	9.189 907		9.195 177		0.804 823	9.994 730		092	
		48		49			1		
909	9.189 955		9.195 226		0.804 774	9.994 729		091	
		48		50			2		
.910	9.190 003		9.195 276		0.804 724	9.994 727		**.090**	
		49		49			1		
911	9.190 052		9.195 325		0.804 675	9.994 726		089	
		48		50			1		
912	9.190 100		9.195 375		0.804 625	9.994 725		088	
		48		49			1		
913	9.190 148		9.195 424		0.804 576	9.994 724		087	
		49		50			1		
914	9.190 197		9.195 474		0.804 526	9.994 723		086	
		48		49			2		
915	9.190 245		9.195 523		0.804 477	9.994 721		085	
		48		50			1		
916	9.190 293		9.195 573		0.804 427	9.994 720		084	
		49		49			1		
917	9.190 342		9.195 622		0.804 378	9.994 719		083	
		48		50			1		
918	9.190 390		9.195 672		0.804 328	9.994 718		082	
		48		49			1		
919	9.190 438		9.195 721		0.804 279	9.994 717		081	
		48		50			1		
.920	9.190 486		9.195 771		0.804 229	9.994 716		**.080**	
		49		49			2		
921	9.190 535		9.195 820		0.804 180	9.994 714		079	
		48		50			1		
922	9.190 583		9.195 870		0.804 130	9.994 713		078	
		48		49			1		
923	9.190 631		9.195 919		0.804 081	9.994 712		077	
		49		50			1		
924	9.190 680		9.195 969		0.804 031	9.994 711		076	
		48		49			1		
925	9.190 728		9.196 018		0.803 982	9.994 710		075	
		48		50			2		
926	9.190 776		9.196 068		0.803 932	9.994 708		074	
		48		49			1		
927	9.190 824		9.196 117		0.803 883	9.994 707		073	
		49		50			1		
928	9.190 873		9.196 167		0.803 833	9.994 706		072	
		48		49			1		
929	9.190 921		9.196 216		0.803 784	9.994 705		071	
		48		49			1		
.930	9.190 969		9.196 265		0.803 735	9.994 704		**.070**	
		48		50			2		
931	9.191 017		9.196 315		0.803 685	9.994 702		069	
		49		49			1		
932	9.191 066		9.196 364		0.803 636	9.994 701		068	
		48		50			1		
933	9.191 114		9.196 414		0.803 586	9.994 700		067	
		48		49			1		
934	9.191 162		9.196 463		0.803 537	9.994 699		066	
		48		50			1		
935	9.191 210		9.196 513		0.803 487	9.994 698		065	
		48		49			2		
936	9.191 258		9.196 562		0.803 438	9.994 696		064	
		49		49			1		
937	9.191 307		9.196 611		0.803 389	9.994 695		063	
		48		50			1		
938	9.191 355		9.196 661		0.803 339	9.994 694		062	
		48		49			1		
939	9.191 403		9.196 710		0.803 290	9.994 693		061	
		48		50			1		
.940	9.191 451		9.196 760		0.803 240	9.994 692		**.060**	
		48		49			1		
941	9.191 499		9.196 809		0.803 191	9.994 691		059	
		49		49			2		
942	9.191 548		9.196 858		0.803 142	9.994 689		058	
		48		50			1		
943	9.191 596		9.196 908		0.803 092	9.994 688		057	
		48		49			1		
944	9.191 644		9.196 957		0.803 043	9.994 687		056	
		48		49			1		
945	9.191 692		9.197 006		0.802 994	9.994 686		055	
		48		50			1		
946	9.191 740		9.197 056		0.802 944	9.994 685		054	
		48		49			2		
947	9.191 788		9.197 105		0.802 895	9.994 683		053	
		49		49			1		
948	9.191 837		9.197 154		0.802 846	9.994 682		052	
		48		50			1		
949	9.191 885		9.197 204		0.802 796	9.994 681		051	
		48		49			1		
.950	9.191 933		9.197 253		0.802 747	9.994 680		**.050**	
	cos	d	cotg	d	tang	sin	d	**81°**	P.P.

	50
1	5.0
2	10.0
3	15.0
4	20.0
5	25.0
6	30.0
7	35.0
8	40.0
9	45.0

	49
1	4.9
2	9.8
3	14.7
4	19.6
5	24.5
6	29.4
7	34.3
8	39.2
9	44.1

	48
1	4.8
2	9.6
3	14.4
4	19.2
5	24.0
6	28.8
7	33.6
8	38.4
9	43.2

81°.100 — 81°.050

8°.950 — 9°.000

8°	sin	d	tang	d	cotg	cos	d		P.P.
.950	9.191 933	48	9.197 253	49	0.802 747	9.994 680	1	**.050**	
951	9.191 981	48	9.197 302	50	0.802 698	9.994 679	2	049	
952	9.192 029	48	9.197 352	49	0.802 648	9.994 677	1	048	
953	9.192 077	48	9.197 401	49	0.802 599	9.994 676	1	047	
954	9.192 125	48	9.197 450	50	0.802 550	9.994 675	1	046	
955	9.192 173	48	9.197 500	49	0.802 500	9.994 674	1	045	
956	9.192 221	49	9.197 549	49	0.802 451	9.994 673	2	044	
957	9.192 270	48	9.197 598	49	0.802 402	9.994 671	1	043	
958	9.192 318	48	9.197 647	50	0.802 353	9.994 670	1	042	
959	9.192 366	48	9.197 697	49	0.802 303	9.994 669	1	041	
.960	9.192 414	48	9.197 746	49	0.802 254	9.994 668	1	**.040**	
961	9.192 462	48	9.197 795	49	0.802 205	9.994 667	2	039	
962	9.192 510	48	9.197 844	50	0.802 156	9.994 665	1	038	
963	9.192 558	48	9.197 894	49	0.802 106	9.994 664	1	037	
964	9.192 606	48	9.197 943	49	0.802 057	9.994 663	1	036	
965	9.192 654	48	9.197 992	49	0.802 008	9.994 662	1	035	
966	9.192 702	48	9.198 041	50	0.801 959	9.994 661	2	034	
967	9.192 750	48	9.198 091	49	0.801 909	9.994 659	1	033	
968	9.192 798	48	9.198 140	49	0.801 860	9.994 658	1	032	
969	9.192 846	48	9.198 189	49	0.801 811	9.994 657	1	031	
.970	9.192 894	48	9.198 238	50	0.801 762	9.994 656	1	**.030**	
971	9.192 942	48	9.198 288	49	0.801 712	9.994 655	2	029	
972	9.192 990	48	9.198 337	49	0.801 663	9.994 653	1	028	
973	9.193 038	48	9.198 386	49	0.801 614	9.994 652	1	027	
974	9.193 086	48	9.198 435	49	0.801 565	9.994 651	1	026	
975	9.193 134	48	9.198 484	50	0.801 516	9.994 650	1	025	
976	9.193 182	48	9.198 534	49	0.801 466	9.994 649	1	024	
977	9.193 230	48	9.198 583	49	0.801 417	9.994 648	2	023	
978	9.193 278	48	9.198 632	49	0.801 368	9.994 646	1	022	
979	9.193 326	48	9.198 681	49	0.801 319	9.994 645	1	021	
.980	9.193 374	48	9.198 730	49	0.801 270	9.994 644	1	**.020**	
981	9.193 422	48	9.198 779	50	0.801 221	9.994 643	1	019	
982	9.193 470	48	9.198 829	49	0.801 171	9.994 642	2	018	
983	9.193 518	48	9.198 878	49	0.801 122	9.994 640	1	017	
984	9.193 566	48	9.198 927	49	0.801 073	9.994 639	1	016	
985	9.193 614	48	9.198 976	49	0.801 024	9.994 638	1	015	
986	9.193 662	48	9.199 025	49	0.800 975	9.994 637	1	014	
987	9.193 710	48	9.199 074	49	0.800 926	9.994 636	2	013	
988	9.193 758	48	9.199 123	50	0.800 877	9.994 634	1	012	
989	9.193 806	48	9.199 173	49	0.800 827	9.994 633	1	011	
.990	9.193 854	48	9.199 222	49	0.800 778	9.994 632	1	**.010**	
991	9.193 902	47	9.199 271	49	0.800 729	9.994 631	1	009	
992	9.193 949	48	9.199 320	49	0.800 680	9.994 630	2	008	
993	9.193 997	48	9.199 369	49	0.800 631	9.994 628	1	007	
994	9.194 045	48	9.199 418	49	0.800 582	9.994 627	1	006	
995	9.194 093	48	9.199 467	49	0.800 533	9.994 626	1	005	
996	9.194 141	48	9.199 516	49	0.800 484	9.994 625	1	004	
997	9.194 189	48	9.199 565	49	0.800 435	9.994 624	2	003	
998	9.194 237	48	9.199 614	49	0.800 386	9.994 622	1	002	
999	9.194 285	48	9.199 663	50	0.800 337	9.994 621	1	001	
*000	9.194 332	47	9.199 713		0.800 287	9.994 620		**.000**	
	cos	d	cotg	d	tang	sin	d	81°	P.P.

	50
1	5.0
2	10.0
3	15.0
4	20.0
5	25.0
6	30.0
7	35.0
8	40.0
9	45.0

	49
1	4.9
2	9.8
3	14.7
4	19.6
5	24.5
6	29.4
7	34.3
8	39.2
9	44.1

	48
1	4.8
2	9.6
3	14.4
4	19.2
5	24.0
6	28.8
7	33.6
8	38.4
9	43.2

	47
1	4.7
2	9.4
3	14.1
4	18.8
5	23.5
6	28.2
7	32.9
8	37.6
9	42.3

81°.050 — 81°.000

9°.000 — 9°.050

9°	sin	d	tang	d	cotg	cos	d		P.P.
.000	9.194 332	48	9.199 713	49	0.800 287	9.994 620	1	***000**	
001	9.194 380	48	9.199 762	49	0.800 238	9.994 619	1	999	
002	9.194 428	48	9.199 811	49	0.800 189	9.994 618	2	998	
003	9.194 476	48	9.199 860	49	0.800 140	9.994 616	1	997	
004	9.194 524	48	9.199 909	49	0.800 091	9.994 615	1	996	
005	9.194 572	47	9.199 958	49	0.800 042	9.994 614	1	995	
006	9.194 619	48	9.200 007	49	0.799 993	9.994 613	1	994	
007	9.194 667	48	9.200 056	49	0.799 944	9.994 612	2	993	
008	9.194 715	48	9.200 105	49	0.799 895	9.994 610	1	992	
009	9.194 763	48	9.200 154	49	0.799 846	9.994 609	1	991	
.010	9.194 811	48	9.200 203	49	0.799 797	9.994 608	1	**.990**	
011	9.194 859	47	9.200 252	49	0.799 748	9.994 607	1	989	
012	9.194 906	48	9.200 301	49	0.799 699	9.994 606	2	988	
013	9.194 954	48	9.200 350	49	0.799 650	9.994 604	1	987	
014	9.195 002	48	9.200 399	49	0.799 601	9.994 603	1	986	
015	9.195 050	47	9.200 448	49	0.799 552	9.994 602	1	985	
016	9.195 097	48	9.200 497	49	0.799 503	9.994 601	2	984	
017	9.195 145	48	9.200 546	49	0.799 454	9.994 599	1	983	
018	9.195 193	48	9.200 595	49	0.799 405	9.994 598	1	982	
019	9.195 241	48	9.200 644	49	0.799 356	9.994 597	1	981	
.020	9.195 289	47	9.200 693	49	0.799 307	9.994 596	1	**.980**	
021	9.195 336	48	9.200 742	49	0.799 258	9.994 595	2	979	
022	9.195 384	48	9.200 791	48	0.799 209	9.994 593	1	978	
023	9.195 432	47	9.200 839	49	0.799 161	9.994 592	1	977	
024	9.195 479	48	9.200 888	49	0.799 112	9.994 591	1	976	
025	9.195 527	48	9.200 937	49	0.799 063	9.994 590	1	975	
026	9.195 575	48	9.200 986	49	0.799 014	9.994 589	2	974	
027	9.195 623	47	9.201 035	49	0.798 965	9.994 587	1	973	
028	9.195 670	48	9.201 084	49	0.798 916	9.994 586	1	972	
029	9.195 718	48	9.201 133	49	0.798 867	9.994 585	1	971	
.030	9.195 766	47	9.201 182	49	0.798 818	9.994 584	1	**.970**	
031	9.195 813	48	9.201 231	49	0.798 769	9.994 583	2	969	
032	9.195 861	48	9.201 280	49	0.798 720	9.994 581	1	968	
033	9.195 909	47	9.201 329	48	0.798 671	9.994 580	1	967	
034	9.195 956	48	9.201 377	49	0.798 623	9.994 579	1	966	
035	9.196 004	48	9.201 426	49	0.798 574	9.994 578	1	965	
036	9.196 052	47	9.201 475	49	0.798 525	9.994 577	2	964	
037	9.196 099	48	9.201 524	49	0.798 476	9.994 575	1	963	
038	9.196 147	48	9.201 573	49	0.798 427	9.994 574	1	962	
039	9.196 195	47	9.201 622	49	0.798 378	9.994 573	1	961	
.040	9.196 242	48	9.201 671	48	0.798 329	9.994 572	1	**.960**	
041	9.196 290	48	9.201 719	49	0.798 281	9.994 571	2	959	
042	9.196 338	47	9.201 768	49	0.798 232	9.994 569	1	958	
043	9.196 385	48	9.201 817	49	0.798 183	9.994 568	1	957	
044	9.196 433	48	9.201 866	49	0.798 134	9.994 567	1	956	
045	9.196 481	47	9.201 915	49	0.798 085	9.994 566	1	955	
046	9.196 528	48	9.201 964	48	0.798 036	9.994 565	2	954	
047	9.196 576	47	9.202 012	49	0.797 988	9.994 563	1	953	
048	9.196 623	48	9.202 061	49	0.797 939	9.994 562	1	952	
049	9.196 671	48	9.202 110	49	0.797 890	9.994 561	1	951	
.050	9.196 719		9.202 159		0.797 841	9.994 560		**.950**	
	cos	d	cotg	d	tang	sin	d	**80°**	P.P.

	49
1	4.9
2	9.8
3	14.7
4	19.6
5	24.5
6	29.4
7	34.3
8	39.2
9	44.1

	48
1	4.8
2	9.6
3	14.4
4	19.2
5	24.0
6	28.8
7	33.6
8	38.4
9	43.2

	47
1	4.7
2	9.4
3	14.1
4	18.8
5	23.5
6	28.2
7	32.9
8	37.6
9	42.3

81°.000 — 80°.950

9°.050 — 9°.100

9°	sin	d	tang	d	cotg	cos	d		P.P.
.050	9.196 719	47	9.202 159	49	0.797 841	9.994 560	1	.950	
051	9.196 766	48	9.202 208	48	0.797 792	9.994 559	2	949	
052	9.196 814	47	9.202 256	49	0.797 744	9.994 557	1	948	
053	9.196 861	48	9.202 305	49	0.797 695	9.994 556	1	947	
054	9.196 909	47	9.202 354	49	0.797 646	9.994 555	1	946	
055	9.196 956	48	9.202 403	49	0.797 597	9.994 554	2	945	
056	9.197 004	48	9.202 452	48	0.797 548	9.994 552	1	944	
057	9.197 052	47	9.202 500	49	0.797 500	9.994 551	1	943	
058	9.197 099	48	9.202 549	49	0.797 451	9.994 550	1	942	
059	9.197 147	47	9.202 598	49	0.797 402	9.994 549	1	941	
.060	9.197 194	48	9.202 647	48	0.797 353	9.994 548	2	.940	
061	9.197 242	47	9.202 695	49	0.797 305	9.994 546	1	939	
062	9.197 289	48	9.202 744	49	0.797 256	9.994 545	1	938	
063	9.197 337	47	9.202 793	48	0.797 207	9.994 544	1	937	
064	9.197 384	48	9.202 841	49	0.797 159	9.994 543	1	936	
065	9.197 432	47	9.202 890	49	0.797 110	9.994 542	2	935	
066	9.197 479	48	9.202 939	49	0.797 061	9.994 540	1	934	
067	9.197 527	47	9.202 988	48	0.797 012	9.994 539	1	933	
068	9.197 574	48	9.203 036	49	0.796 964	9.994 538	1	932	
069	9.197 622	47	9.203 085	49	0.796 915	9.994 537	1	931	
.070	9.197 669	48	9.203 134	48	0.796 866	9.994 536	2	.930	
071	9.197 717	47	9.203 182	49	0.796 818	9.994 534	1	929	
072	9.197 764	48	9.203 231	49	0.796 769	9.994 533	1	928	
073	9.197 812	47	9.203 280	48	0.796 720	9.994 532	1	927	
074	9.197 859	48	9.203 328	49	0.796 672	9.994 531	1	926	
075	9.197 907	47	9.203 377	49	0.796 623	9.994 530	2	925	
076	9.197 954	48	9.203 426	48	0.796 574	9.994 528	1	924	
077	9.198 002	47	9.203 474	49	0.796 526	9.994 527	1	923	
078	9.198 049	47	9.203 523	49	0.796 477	9.994 526	1	922	
079	9.198 096	48	9.203 572	48	0.796 428	9.994 525	2	921	
.080	9.198 144	47	9.203 620	49	0.796 380	9.994 523	1	.920	
081	9.198 191	48	9.203 669	49	0.796 331	9.994 522	1	919	
082	9.198 239	47	9.203 718	48	0.796 282	9.994 521	1	918	
083	9.198 286	48	9.203 766	49	0.796 234	9.994 520	1	917	
084	9.198 334	47	9.203 815	49	0.796 185	9.994 519	2	916	
085	9.198 381	47	9.203 864	48	0.796 136	9.994 517	1	915	
086	9.198 428	48	9.203 912	49	0.796 088	9.994 516	1	914	
087	9.198 476	47	9.203 961	48	0.796 039	9.994 515	1	913	
088	9.198 523	47	9.204 009	49	0.795 991	9.994 514	1	912	
089	9.198 570	48	9.204 058	49	0.795 942	9.994 513	2	911	
.090	9.198 618	47	9.204 107	48	0.795 893	9.994 511	1	.910	
091	9.198 665	48	9.204 155	49	0.795 845	9.994 510	1	909	
092	9.198 713	47	9.204 204	48	0.795 796	9.994 509	1	908	
093	9.198 760	47	9.204 252	49	0.795 748	9.994 508	2	907	
094	9.198 807	48	9.204 301	48	0.795 699	9.994 506	1	906	
095	9.198 855	47	9.204 349	49	0.795 651	9.994 505	1	905	
096	9.198 902	47	9.204 398	49	0.795 602	9.994 504	1	904	
097	9.198 949	48	9.204 447	48	0.795 553	9.994 503	1	903	
098	9.198 997	47	9.204 495	49	0.795 505	9.994 502	2	902	
099	9.199 044	47	9.204 544	48	0.795 456	9.994 500	1	901	
.100	9.199 091		9.204 592		0.795 408	9.994 499		.900	
	cos	d	cotg	d	tang	sin	d	80°	P.P.

	49
1	4.9
2	9.8
3	14.7
4	19.6
5	24.5
6	29.4
7	34.3
8	39.2
9	44.1

	48
1	4.8
2	9.6
3	14.4
4	19.2
5	24.0
6	28.8
7	33.6
8	38.4
9	43.2

	47
1	4.7
2	9.4
3	14.1
4	18.8
5	23.5
6	28.2
7	32.9
8	37.6
9	42.3

80°.950 — 80°.900

9°.100 — 9°.150

9°	sin	d	tang	d	cotg	cos	d		P.P.
.100	9.199 091	48	9.204 592	49	0.795 408	9.994 499	1	**.900**	
101	9.199 139	47	9.204 641	48	0.795 359	9.994 498	1	899	
102	9.199 186	47	9.204 689	49	0.795 311	9.994 497	1	898	
103	9.199 233	48	9.204 738	48	0.795 262	9.994 496	2	897	
104	9.199 281	47	9.204 786	49	0.795 214	9.994 494	1	896	
105	9.199 328	47	9.204 835	48	0.795 165	9.994 493	1	895	
106	9.199 375	47	9.204 883	49	0.795 117	9.994 492	1	894	
107	9.199 422	48	9.204 932	48	0.795 068	9.994 491	2	893	49
108	9.199 470	47	9.204 980	49	0.795 020	9.994 489	1	892	1 4.9
109	9.199 517	47	9.205 029	48	0.794 971	9.994 488	1	891	2 9.8
.110	9.199 564	48	9.205 077	49	0.794 923	9.994 487	1	**.890**	3 14.7
111	9.199 612	47	9.205 126	48	0.794 874	9.994 486	1	889	4 19.6
112	9.199 659	47	9.205 174	49	0.794 826	9.994 485	1	888	5 24.5
113	9.199 706	47	9.205 223	48	0.794 777	9.994 483	2	887	6 29.4
114	9.199 753	48	9.205 271	49	0.794 729	9.994 482	1	886	7 34.3
115	9.199 801	47	9.205 320	48	0.794 680	9.994 481	1	885	8 39.2
116	9.199 848	47	9.205 368	49	0.794 632	9.994 480	1	884	9 44.1
117	9.199 895	47	9.205 417	48	0.794 583	9.994 479	1	883	
118	9.199 942	48	9.205 465	48	0.794 535	9.994 477	2	882	
119	9.199 990	47	9.205 513	49	0.794 487	9.994 476	1	881	
.120	9.200 037	47	9.205 562	48	0.794 438	9.994 475	1	**.880**	
121	9.200 084	47	9.205 610	49	0.794 390	9.994 474	1	879	48
122	9.200 131	47	9.205 659	48	0.794 341	9.994 472	2	878	1 4.8
123	9.200 178	48	9.205 707	49	0.794 293	9.994 471	1	877	2 9.6
124	9.200 226	47	9.205 756	48	0.794 244	9.994 470	1	876	3 14.4
125	9.200 273	47	9.205 804	48	0.794 196	9.994 469	1	875	4 19.2
126	9.200 320	47	9.205 852	49	0.794 148	9.994 468	1	874	5 24.0
127	9.200 367	47	9.205 901	48	0.794 099	9.994 466	2	873	6 28.8
128	9.200 414	47	9.205 949	49	0.794 051	9.994 465	1	872	7 33.6
129	9.200 461	47	9.205 998	48	0.794 002	9.994 464	1	871	8 38.4
.130	9.200 509	48	9.206 046	48	0.793 954	9.994 463	1	**.870**	9 43.2
131	9.200 556	47	9.206 094	49	0.793 906	9.994 461	2	869	
132	9.200 603	47	9.206 143	48	0.793 857	9.994 460	1	868	
133	9.200 650	47	9.206 191	48	0.793 809	9.994 459	1	867	
134	9.200 697	47	9.206 239	49	0.793 761	9.994 458	1	866	
135	9.200 744	47	9.206 288	48	0.793 712	9.994 457	1	865	
136	9.200 792	48	9.206 336	48	0.793 664	9.994 455	2	864	47
137	9.200 839	47	9.206 384	49	0.793 616	9.994 454	1	863	1 4.7
138	9.200 886	47	9.206 433	48	0.793 567	9.994 453	1	862	2 9.4
139	9.200 933	47	9.206 481	49	0.793 519	9.994 452	1	861	3 14.1
.140	9.200 980	47	9.206 530	48	0.793 470	9.994 451	1	**.860**	4 18.8
141	9.201 027	47	9.206 578	48	0.793 422	9.994 449	2	859	5 23.5
142	9.201 074	47	9.206 626	48	0.793 374	9.994 448	1	858	6 28.2
143	9.201 121	47	9.206 674	49	0.793 326	9.994 447	1	857	7 32.9
144	9.201 168	47	9.206 723	48	0.793 277	9.994 446	1	856	8 37.6
145	9.201 216	48	9.206 771	48	0.793 229	9.994 444	2	855	9 42.3
146	9.201 263	47	9.206 819	49	0.793 181	9.994 443	1	854	
147	9.201 310	47	9.206 868	48	0.793 132	9.994 442	1	853	
148	9.201 357	47	9.206 916	48	0.793 084	9.994 441	1	852	
149	9.201 404	47	9.206 964	49	0.793 036	9.994 440	1	851	
.150	9.201 451		9.207 013		0.792 987	9.994 438	2	**.850**	
	cos	d	cotg	d	tang	sin	d	**80°**	P.P.

80°.900 — 80°.850

9°.150 — 9°.200

9°	sin	d	tang	d	cotg	cos	d		P.P.
.150	9.201 451	47	9.207 013	48	0.792 987	9.994 438	1	.850	
151	9.201 498	47	9.207 061	48	0.792 939	9.994 437	1	849	
152	9.201 545	47	9.207 109	48	0.792 891	9.994 436	1	848	
153	9.201 592	47	9.207 157	49	0.792 843	9.994 435	2	847	
154	9.201 639	47	9.207 206	48	0.792 794	9.994 433	1	846	
155	9.201 686	47	9.207 254	48	0.792 746	9.994 432	1	845	
156	9.201 733	47	9.207 302	48	0.792 698	9.994 431	1	844	
157	9.201 780	47	9.207 350	49	0.792 650	9.994 430	1	843	
158	9.201 827	47	9.207 399	48	0.792 601	9.994 429	2	842	
159	9.201 874	47	9.207 447	48	0.792 553	9.994 427	1	841	
.160	9.201 921	47	9.207 495	48	0.792 505	9.994 426	1	.840	
161	9.201 968	47	9.207 543	49	0.792 457	9.994 425	1	839	
162	9.202 015	47	9.207 592	48	0.792 408	9.994 424	2	838	
163	9.202 062	47	9.207 640	48	0.792 360	9.994 422	1	837	
164	9.202 109	47	9.207 688	48	0.792 312	9.994 421	1	836	
165	9.202 156	47	9.207 736	48	0.792 264	9.994 420	1	835	
166	9.202 203	47	9.207 784	49	0.792 216	9.994 419	1	834	
167	9.202 250	47	9.207 833	48	0.792 167	9.994 418	2	833	
168	9.202 297	47	9.207 881	48	0.792 119	9.994 416	1	832	
169	9.202 344	47	9.207 929	48	0.792 071	9.994 415	1	831	
.170	9.202 391	47	9.207 977	48	0.792 023	9.994 414	1	.830	
171	9.202 438	47	9.208 025	49	0.791 975	9.994 413	2	829	
172	9.202 485	47	9.208 074	48	0.791 926	9.994 411	1	828	
173	9.202 532	47	9.208 122	48	0.791 878	9.994 410	1	827	
174	9.202 579	47	9.208 170	48	0.791 830	9.994 409	1	826	
175	9.202 626	47	9.208 218	48	0.791 782	9.994 408	1	825	
176	9.202 673	47	9.208 266	48	0.791 734	9.994 407	2	824	
177	9.202 720	47	9.208 314	48	0.791 686	9.994 405	1	823	
178	9.202 767	46	9.208 362	49	0.791 638	9.994 404	1	822	
179	9.202 813	47	9.208 411	48	0.791 589	9.994 403	1	821	
.180	9.202 860	47	9.208 459	48	0.791 541	9.994 402	2	.820	
181	9.202 907	47	9.208 507	48	0.791 493	9.994 400	1	819	
182	9.202 954	47	9.208 555	48	0.791 445	9.994 399	1	818	
183	9.203 001	47	9.208 603	48	0.791 397	9.994 398	1	817	
184	9.203 048	47	9.208 651	48	0.791 349	9.994 397	1	816	
185	9.203 095	47	9.208 699	48	0.791 301	9.994 396	1	815	
186	9.203 142	47	9.208 747	48	0.791 253	9.994 394	2	814	
187	9.203 189	46	9.208 795	49	0.791 205	9.994 393	1	813	
188	9.203 235	47	9.208 844	48	0.791 156	9.994 392	1	812	
189	9.203 282	47	9.208 892	48	0.791 108	9.994 391	1	811	
.190	9.203 329	47	9.208 940	48	0.791 060	9.994 389	2	.810	
191	9.203 376	47	9.208 988	48	0.791 012	9.994 388	1	809	
192	9.203 423	47	9.209 036	48	0.790 964	9.994 387	1	808	
193	9.203 470	47	9.209 084	48	0.790 916	9.994 386	1	807	
194	9.203 516	46	9.209 132	48	0.790 868	9.994 384	2	806	
195	9.203 563	47	9.209 180	48	0.790 820	9.994 383	1	805	
196	9.203 610	47	9.209 228	48	0.790 772	9.994 382	1	804	
197	9.203 657	47	9.209 276	48	0.790 724	9.994 381	1	803	
198	9.203 704	47	9.209 324	48	0.790 676	9.994 380	1	802	
199	9.203 751	47	9.209 372	48	0.790 628	9.994 378	2	801	
.200	9.203 797	46	9.209 420	48	0.790 580	9.994 377	1	.800	
	cos	d	cotg	d	tang	sin	d	80°	P.P.

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1	4.9
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5	24.5
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9	44.1

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5	24.0
6	28.8
7	33.6
8	38.4
9	43.2

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1	4.7
2	9.4
3	14.1
4	18.8
5	23.5
6	28.2
7	32.9
8	37.6
9	42.3

	46
1	4.6
2	9.2
3	13.8
4	18.4
5	23.0
6	27.6
7	32.2
8	36.8
9	41.4

80°.850 — 80°.800

9°.200 — 9°.250

9°	sin	d	tang	d	cotg	cos	d		P.P.
.200	9.203 797	47	9.209 420	48	0.790 580	9.994 377	1	**.800**	
201	9.203 844	47	9.209 468	48	0.790 532	9.994 376	1	799	
202	9.203 891	47	9.209 516	48	0.790 484	9.994 375	2	798	
203	9.203 938	47	9.209 564	48	0.790 436	9.994 373	1	797	
204	9.203 985	46	9.209 612	48	0.790 388	9.994 372	1	796	
205	9.204 031	47	9.209 660	48	0.790 340	9.994 371	1	795	
206	9.204 078	47	9.209 708	48	0.790 292	9.994 370	1	794	
207	9.204 125	47	9.209 756	48	0.790 244	9.994 369	2	793	
208	9.204 172	46	9.209 804	48	0.790 196	9.994 367	1	792	
209	9.204 218	47	9.209 852	48	0.790 148	9.994 366	1	791	
.210	9.204 265	47	9.209 900	48	0.790 100	9.994 365	1	**.790**	
211	9.204 312	47	9.209 948	48	0.790 052	9.994 364	2	789	
212	9.204 359	46	9.209 996	48	0.790 004	9.994 362	1	788	
213	9.204 405	47	9.210 044	48	0.789 956	9.994 361	1	787	
214	9.204 452	47	9.210 092	48	0.789 908	9.994 360	1	786	
215	9.204 499	46	9.210 140	48	0.789 860	9.994 359	2	785	
216	9.204 545	47	9.210 188	48	0.789 812	9.994 357	1	784	
217	9.204 592	47	9.210 236	48	0.789 764	9.994 356	1	783	
218	9.204 639	47	9.210 284	48	0.789 716	9.994 355	1	782	
219	9.204 686	46	9.210 332	48	0.789 668	9.994 354	1	781	
.220	9.204 732	47	9.210 380	48	0.789 620	9.994 353	2	**.780**	
221	9.204 779	47	9.210 428	48	0.789 572	9.994 351	1	779	
222	9.204 826	46	9.210 476	48	0.789 524	9.994 350	1	778	
223	9.204 872	47	9.210 524	47	0.789 476	9.994 349	1	777	
224	9.204 919	47	9.210 571	48	0.789 429	9.994 348	2	776	
225	9.204 966	46	9.210 619	48	0.789 381	9.994 346	1	775	
226	9.205 012	47	9.210 667	48	0.789 333	9.994 345	1	774	
227	9.205 059	47	9.210 715	48	0.789 285	9.994 344	1	773	
228	9.205 106	46	9.210 763	48	0.789 237	9.994 343	2	772	
229	9.205 152	47	9.210 811	48	0.789 189	9.994 341	1	771	
.230	9.205 199	47	9.210 859	48	0.789 141	9.994 340	1	**.770**	
231	9.205 246	46	9.210 907	48	0.789 093	9.994 339	1	769	
232	9.205 292	47	9.210 955	47	0.789 045	9.994 338	1	768	
233	9.205 339	47	9.211 002	48	0.788 998	9.994 337	2	767	
234	9.205 386	46	9.211 050	48	0.788 950	9.994 335	1	766	
235	9.205 432	47	9.211 098	48	0.788 902	9.994 334	1	765	
236	9.205 479	46	9.211 146	48	0.788 854	9.994 333	1	764	
237	9.205 525	47	9.211 194	48	0.788 806	9.994 332	2	763	
238	9.205 572	47	9.211 242	47	0.788 758	9.994 330	1	762	
239	9.205 619	46	9.211 289	48	0.788 711	9.994 329	1	761	
.240	9.205 665	47	9.211 337	48	0.788 663	9.994 328	1	**.760**	
241	9.205 712	46	9.211 385	48	0.788 615	9.994 327	2	759	
242	9.205 758	47	9.211 433	48	0.788 567	9.994 325	1	758	
243	9.205 805	47	9.211 481	48	0.788 519	9.994 324	1	757	
244	9.205 852	46	9.211 529	47	0.788 471	9.994 323	1	756	
245	9.205 898	47	9.211 576	48	0.788 424	9.994 322	2	755	
246	9.205 945	46	9.211 624	48	0.788 376	9.994 320	1	754	
247	9.205 991	47	9.211 672	48	0.788 328	9.994 319	1	753	
248	9.206 038	46	9.211 720	48	0.788 280	9.994 318	1	752	
249	9.206 084	47	9.211 768	47	0.788 232	9.994 317	1	751	
.250	9.206 131		9.211 815		0.788 185	9.994 316		**.750**	
	cos	d	cotg	d	tang	sin	d	80°	P.P.

	48
1	4.8
2	9.6
3	14.4
4	19.2
5	24.0
6	28.8
7	33.6
8	38.4
9	43.2

	47
1	4.7
2	9.4
3	14.1
4	18.8
5	23.5
6	28.2
7	32.9
8	37.6
9	42.3

	46
1	4.6
2	9.2
3	13.8
4	18.4
5	23.0
6	27.6
7	32.2
8	36.8
9	41.4

80°.800 — 80°.750

9°.250 — 9°.300

9°	sin	d	tang	d	cotg	cos	d		P.P.
.250	9.206 131	46	9.211 815	48	0.788 185	9.994 316	2	**.750**	
251	9.206 177	47	9.211 863	48	0.788 137	9.994 314	1	749	
252	9.206 224	46	9.211 911	48	0.788 089	9.994 313	1	748	
253	9.206 270	47	9.211 959	47	0.788 041	9.994 312	1	747	
254	9.206 317	47	9.212 006	48	0.787 994	9.994 311	2	746	
255	9.206 364	46	9.212 054	48	0.787 946	9.994 309	1	745	
256	9.206 410	47	9.212 102	48	0.787 898	9.994 308	1	744	
257	9.206 457	46	9.212 150	47	0.787 850	9.994 307	1	743	
258	9.206 503	47	9.212 197	48	0.787 803	9.994 306	2	742	
259	9.206 550	46	9.212 245	48	0.787 755	9.994 304	1	741	
.260	9.206 596	47	9.212 293	48	0.787 707	9.994 303	1	**.740**	
261	9.206 643	46	9.212 341	47	0.787 659	9.994 302	1	739	
262	9.206 689	47	9.212 388	48	0.787 612	9.994 301	2	738	
263	9.206 736	46	9.212 436	48	0.787 564	9.994 299	1	737	
264	9.206 782	46	9.212 484	47	0.787 516	9.994 298	1	736	
265	9.206 828	47	9.212 531	48	0.787 469	9.994 297	1	735	
266	9.206 875	46	9.212 579	48	0.787 421	9.994 296	2	734	
267	9.206 921	47	9.212 627	48	0.787 373	9.994 295	1	733	
268	9.206 968	46	9.212 675	47	0.787 325	9.994 293	1	732	
269	9.207 014	47	9.212 722	48	0.787 278	9.994 292	1	731	
.270	9.207 061	46	9.212 770	48	0.787 230	9.994 291	1	**.730**	
271	9.207 107	47	9.212 818	47	0.787 182	9.994 290	2	729	
272	9.207 154	46	9.212 865	48	0.787 135	9.994 288	1	728	
273	9.207 200	46	9.212 913	48	0.787 087	9.994 287	1	727	
274	9.207 246	47	9.212 961	47	0.787 039	9.994 286	1	726	
275	9.207 293	46	9.213 008	48	0.786 992	9.994 285	2	725	
276	9.207 339	47	9.213 056	47	0.786 944	9.994 283	1	724	
277	9.207 386	46	9.213 103	48	0.786 897	9.994 282	1	723	
278	9.207 432	46	9.213 151	48	0.786 849	9.994 281	2	722	
279	9.207 478	47	9.213 199	47	0.786 801	9.994 280	1	721	
.280	9.207 525	46	9.213 246	48	0.786 754	9.994 278	1	**.720**	
281	9.207 571	47	9.213 294	48	0.786 706	9.994 277	1	719	
282	9.207 618	46	9.213 342	47	0.786 658	9.994 276	1	718	
283	9.207 664	46	9.213 389	48	0.786 611	9.994 275	1	717	
284	9.207 710	47	9.213 437	47	0.786 563	9.994 274	2	716	
285	9.207 757	46	9.213 484	48	0.786 516	9.994 272	1	715	
286	9.207 803	46	9.213 532	48	0.786 468	9.994 271	1	714	
287	9.207 849	47	9.213 580	47	0.786 420	9.994 270	1	713	
288	9.207 896	46	9.213 627	48	0.786 373	9.994 269	2	712	
289	9.207 942	46	9.213 675	47	0.786 325	9.994 267	1	711	
.290	9.207 988	47	9.213 722	48	0.786 278	9.994 266	1	**.710**	
291	9.208 035	46	9.213 770	48	0.786 230	9.994 265	1	709	
292	9.208 081	46	9.213 818	47	0.786 182	9.994 264	2	708	
293	9.208 127	47	9.213 865	48	0.786 135	9.994 262	1	707	
294	9.208 174	46	9.213 913	47	0.786 087	9.994 261	1	706	
295	9.208 220	46	9.213 960	48	0.786 040	9.994 260	1	705	
296	9.208 266	47	9.214 008	47	0.785 992	9.994 259	2	704	
297	9.208 313	46	9.214 055	48	0.785 945	9.994 257	1	703	
298	9.208 359	46	9.214 103	47	0.785 897	9.994 256	1	702	
299	9.208 405	47	9.214 150	48	0.785 850	9.994 255	1	701	
.300	9.208 452		9.214 198		0.785 802	9.994 254		**.700**	
	cos	d	cotg	d	tang	sin	d	**80°**	P.P.

	48
1	4.8
2	9.6
3	14.4
4	19.2
5	24.0
6	28.8
7	33.6
8	38.4
9	43.2

	47
1	4.7
2	9.4
3	14.1
4	18.8
5	23.5
6	28.2
7	32.9
8	37.6
9	42.3

	46
1	4.6
2	9.2
3	13.8
4	18.4
5	23.0
6	27.6
7	32.2
8	36.8
9	41.4

80°.750 — 80°.700

9°.300 — 9°.350

9°	sin	d	tang	d	cotg	cos	d		P.P.
.300	9.208 452	46	9.214 198	47	0.785 802	9.994 254	2	**.700**	
301	9.208 498	46	9.214 245	48	0.785 755	9.994 252	1	699	
302	9.208 544	46	9.214 293	48	0.785 707	9.994 251	1	698	
303	9.208 590	47	9.214 341	47	0.785 659	9.994 250	1	697	
304	9.208 637	46	9.214 388	48	0.785 612	9.994 249	2	696	
305	9.208 683	46	9.214 436	47	0.785 564	9.994 247	1	695	
306	9.208 729	47	9.214 483	48	0.785 517	9.994 246	1	694	
307	9.208 776	46	9.214 531	47	0.785 469	9.994 245	1	693	
308	9.208 822	46	9.214 578	48	0.785 422	9.994 244	2	692	
309	9.208 868	46	9.214 626	47	0.785 374	9.994 242	1	691	
.310	9.208 914	46	9.214 673	47	0.785 327	9.994 241	1	**.690**	
311	9.208 960	47	9.214 720	48	0.785 280	9.994 240	1	689	
312	9.209 007	46	9.214 768	47	0.785 232	9.994 239	1	688	
313	9.209 053	46	9.214 815	48	0.785 185	9.994 238	2	687	
314	9.209 099	46	9.214 863	47	0.785 137	9.994 236	1	686	
315	9.209 145	47	9.214 910	48	0.785 090	9.994 235	1	685	
316	9.209 192	46	9.214 958	47	0.785 042	9.994 234	1	684	
317	9.209 238	46	9.215 005	48	0.784 995	9.994 233	2	683	
318	9.209 284	46	9.215 053	47	0.784 947	9.994 231	1	682	
319	9.209 330	46	9.215 100	48	0.784 900	9.994 230	1	681	
.320	9.209 376	47	9.215 148	47	0.784 852	9.994 229	1	**.680**	
321	9.209 423	46	9.215 195	47	0.784 805	9.994 228	2	679	
322	9.209 469	46	9.215 242	48	0.784 758	9.994 226	1	678	
323	9.209 515	46	9.215 290	47	0.784 710	9.994 225	1	677	
324	9.209 561	46	9.215 337	48	0.784 663	9.994 224	1	676	
325	9.209 607	46	9.215 385	47	0.784 615	9.994 223	2	675	
326	9.209 653	47	9.215 432	47	0.784 568	9.994 221	1	674	
327	9.209 700	46	9.215 479	48	0.784 521	9.994 220	1	673	
328	9.209 746	46	9.215 527	47	0.784 473	9.994 219	1	672	
329	9.209 792	46	9.215 574	48	0.784 426	9.994 218	2	671	
.330	9.209 838	46	9.215 622	47	0.784 378	9.994 216	1	**.670**	
331	9.209 884	46	9.215 669	47	0.784 331	9.994 215	1	669	
332	9.209 930	46	9.215 716	48	0.784 284	9.994 214	1	668	
333	9.209 976	46	9.215 764	47	0.784 236	9.994 213	2	667	
334	9.210 022	47	9.215 811	47	0.784 189	9.994 211	1	666	
335	9.210 069	46	9.215 858	48	0.784 142	9.994 210	1	665	
336	9.210 115	46	9.215 906	47	0.784 094	9.994 209	1	664	
337	9.210 161	46	9.215 953	48	0.784 047	9.994 208	2	663	
338	9.210 207	46	9.216 001	47	0.783 999	9.994 206	1	662	
339	9.210 253	46	9.216 048	47	0.783 952	9.994 205	1	661	
.340	9.210 299	46	9.216 095	48	0.783 905	9.994 204	1	**.660**	
341	9.210 345	46	9.216 143	47	0.783 857	9.994 203	2	659	
342	9.210 391	46	9.216 190	47	0.783 810	9.994 201	1	658	
343	9.210 437	46	9.216 237	47	0.783 763	9.994 200	1	657	
344	9.210 483	46	9.216 284	48	0.783 716	9.994 199	1	656	
345	9.210 529	47	9.216 332	47	0.783 668	9.994 198	2	655	
346	9.210 576	46	9.216 379	47	0.783 621	9.994 196	1	654	
347	9.210 622	46	9.216 426	48	0.783 574	9.994 195	1	653	
348	9.210 668	46	9.216 474	47	0.783 526	9.994 194	1	652	
349	9.210 714	46	9.216 521	47	0.783 479	9.994 193	2	651	
.350	9.210 760		9.216 568		0.783 432	9.994 191		**.650**	
	cos	d	cotg	d	tang	sin	d	**80°**	P.P.

	48
1	4.8
2	9.6
3	14.4
4	19.2
5	24.0
6	28.8
7	33.6
8	38.4
9	43.2

	47
1	4.7
2	9.4
3	14.1
4	18.8
5	23.5
6	28.2
7	32.9
8	37.6
9	42.3

	46
1	4.6
2	9.2
3	13.8
4	18.4
5	23.0
6	27.6
7	32.2
8	36.8
9	41.4

80°.700 — 80°.650

9°.350 — 9°.400

9°	sin	d	tang	d	cotg	cos	d		P.P.
.350	9.210 760	46	9.216 568	48	0.783 432	9.994 191	1	.650	
351	9.210 806	46	9.216 616	47	0.783 384	9.994 190	1	649	
352	9.210 852	46	9.216 663	47	0.783 337	9.994 189	1	648	
353	9.210 898	46	9.216 710	47	0.783 290	9.994 188	2	647	
354	9.210 944	46	9.216 757	48	0.783 243	9.994 186	1	646	48
355	9.210 990	46	9.216 805	47	0.783 195	9.994 185	1	645	1 4.8
356	9.211 036	46	9.216 852	47	0.783 148	9.994 184	1	644	2 9.6
357	9.211 082	46	9.216 899	47	0.783 101	9.994 183	2	643	3 14.4
358	9.211 128	46	9.216 946	48	0.783 054	9.994 181	1	642	4 19.2
359	9.211 174	46	9.216 994	47	0.783 006	9.994 180	1	641	5 24.0
.360	9.211 220	46	9.217 041	47	0.782 959	9.994 179	1	.640	6 28.8
361	9.211 266	46	9.217 088	47	0.782 912	9.994 178	2	639	7 33.6
362	9.211 312	46	9.217 135	47	0.782 865	9.994 176	1	638	8 38.4
363	9.211 358	46	9.217 183	48	0.782 817	9.994 175	1	637	9 43.2
364	9.211 404	46	9.217 230	47	0.782 770	9.994 174	1	636	
365	9.211 450	46	9.217 277	47	0.782 723	9.994 173	2	635	47
366	9.211 496	46	9.217 324	47	0.782 676	9.994 171	1	634	1 4.7
367	9.211 542	46	9.217 371	48	0.782 629	9.994 170	1	633	2 9.4
368	9.211 588	46	9.217 419	47	0.782 581	9.994 169	1	632	3 14.1
369	9.211 633	45	9.217 466	47	0.782 534	9.994 168	2	631	4 18.8
.370	9.211 679	46	9.217 513	47	0.782 487	9.994 166	1	.630	5 23.5
371	9.211 725	46	9.217 560	47	0.782 440	9.994 165	1	629	6 28.2
372	9.211 771	46	9.217 607	47	0.782 393	9.994 164	1	628	7 32.9
373	9.211 817	46	9.217 654	48	0.782 346	9.994 163	2	627	8 37.6
374	9.211 863	46	9.217 702	47	0.782 298	9.994 161	1	626	9 42.3
375	9.211 909	46	9.217 749	47	0.782 251	9.994 160	1	625	
376	9.211 955	46	9.217 796	47	0.782 204	9.994 159	1	624	
377	9.212 001	46	9.217 843	47	0.782 157	9.994 158	2	623	46
378	9.212 047	46	9.217 890	47	0.782 110	9.994 156	1	622	1 4.6
379	9.212 093	46	9.217 937	48	0.782 063	9.994 155	1	621	2 9.2
.380	9.212 139	45	9.217 985	47	0.782 015	9.994 154	1	.620	3 13.8
381	9.212 184	46	9.218 032	47	0.781 968	9.994 153	2	619	4 18.4
382	9.212 230	46	9.218 079	47	0.781 921	9.994 151	1	618	5 23.0
383	9.212 276	46	9.218 126	47	0.781 874	9.994 150	1	617	6 27.6
384	9.212 322	46	9.218 173	47	0.781 827	9.994 149	1	616	7 32.2
385	9.212 368	46	9.218 220	47	0.781 780	9.994 148	2	615	8 36.8
386	9.212 414	46	9.218 267	47	0.781 733	9.994 146	1	614	9 41.4
387	9.212 460	46	9.218 314	48	0.781 686	9.994 145	1	613	
388	9.212 505	45	9.218 362	47	0.781 638	9.994 144	1	612	
389	9.212 551	46	9.218 409	47	0.781 591	9.994 143	2	611	45
.390	9.212 597	46	9.218 456	47	0.781 544	9.994 141	1	.610	1 4.5
391	9.212 643	46	9.218 503	47	0.781 497	9.994 140	1	609	2 9.0
392	9.212 689	46	9.218 550	47	0.781 450	9.994 139	1	608	3 13.5
393	9.212 735	45	9.218 597	47	0.781 403	9.994 138	2	607	4 18.0
394	9.212 780	46	9.218 644	47	0.781 356	9.994 136	1	606	5 22.5
395	9.212 826	46	9.218 691	47	0.781 309	9.994 135	1	605	6 27.0
396	9.212 872	46	9.218 738	47	0.781 262	9.994 134	1	604	7 31.5
397	9.212 918	46	9.218 785	47	0.781 215	9.994 133	2	603	8 36.0
398	9.212 964	46	9.218 832	47	0.781 168	9.994 131	1	602	9 40.5
399	9.213 009	45	9.218 879	47	0.781 121	9.994 130	1	601	
.400	9.213 055	46	9.218 926	47	0.781 074	9.994 129		.600	
	cos	d	cotg	d	tang	sin	d	80°	P.P.

80°.650 — 80°.600

9°.400 — 9°.450

9°	sin	d	tang	d	cotg	cos	d		P.P.
.400	9.213 055	46	9.218 926	47	0.781 074	9.994 129	1	.600	
401	9.213 101	46	9.218 973	47	0.781 027	9.994 128	2	599	
402	9.213 147	46	9.219 020	47	0.780 980	9.994 126	1	598	
403	9.213 193	45	9.219 067	47	0.780 933	9.994 125	1	597	
404	9.213 238	46	9.219 114	48	0.780 886	9.994 124	1	596	
405	9.213 284	46	9.219 162	47	0.780 838	9.994 123	2	595	
406	9.213 330	46	9.219 209	47	0.780 791	9.994 121	1	594	
407	9.213 376	45	9.219 256	47	0.780 744	9.994 120	1	593	
408	9.213 421	46	9.219 303	47	0.780 697	9.994 119	1	592	
409	9.213 467	46	9.219 350	47	0.780 650	9.994 118	2	591	
.410	9.213 513	46	9.219 397	47	0.780 603	9.994 116	1	.590	
411	9.213 559	45	9.219 444	47	0.780 556	9.994 115	1	589	
412	9.213 604	46	9.219 491	46	0.780 509	9.994 114	1	588	
413	9.213 650	46	9.219 537	47	0.780 463	9.994 113	2	587	
414	9.213 696	45	9.219 584	47	0.780 416	9.994 111	1	586	
415	9.213 741	46	9.219 631	47	0.780 369	9.994 110	1	585	
416	9.213 787	46	9.219 678	47	0.780 322	9.994 109	1	584	
417	9.213 833	46	9.219 725	47	0.780 275	9.994 108	2	583	
418	9.213 879	45	9.219 772	47	0.780 228	9.994 106	1	582	
419	9.213 924	46	9.219 819	47	0.780 181	9.994 105	1	581	
.420	9.213 970	46	9.219 866	47	0.780 134	9.994 104	2	.580	
421	9.214 016	45	9.219 913	47	0.780 087	9.994 102	1	579	
422	9.214 061	46	9.219 960	47	0.780 040	9.994 101	1	578	
423	9.214 107	46	9.220 007	47	0.779 993	9.994 100	1	577	
424	9.214 153	45	9.220 054	47	0.779 946	9.994 099	2	576	
425	9.214 198	46	9.220 101	47	0.779 899	9.994 097	1	575	
426	9.214 244	46	9.220 148	47	0.779 852	9.994 096	1	574	
427	9.214 290	45	9.220 195	47	0.779 805	9.994 095	1	573	
428	9.214 335	46	9.220 242	47	0.779 758	9.994 094	2	572	
429	9.214 381	46	9.220 289	47	0.779 711	9.994 092	1	571	
.430	9.214 427	45	9.220 335	46	0.779 665	9.994 091	1	.570	
431	9.214 472	46	9.220 382	47	0.779 618	9.994 090	1	569	
432	9.214 518	45	9.220 429	47	0.779 571	9.994 089	2	568	
433	9.214 563	46	9.220 476	47	0.779 524	9.994 087	1	567	
434	9.214 609	46	9.220 523	47	0.779 477	9.994 086	1	566	
435	9.214 655	45	9.220 570	47	0.779 430	9.994 085	1	565	
436	9.214 700	46	9.220 617	47	0.779 383	9.994 084	2	564	
437	9.214 746	46	9.220 664	46	0.779 336	9.994 082	1	563	
438	9.214 792	45	9.220 710	47	0.779 290	9.994 081	1	562	
439	9.214 837	46	9.220 757	47	0.779 243	9.994 080	1	561	
.440	9.214 883	45	9.220 804	47	0.779 196	9.994 079	2	.560	
441	9.214 928	46	9.220 851	47	0.779 149	9.994 077	1	559	
442	9.214 974	45	9.220 898	47	0.779 102	9.994 076	1	558	
443	9.215 019	46	9.220 945	47	0.779 055	9.994 075	1	557	
444	9.215 065	46	9.220 992	46	0.779 008	9.994 074	2	556	
445	9.215 111	45	9.221 038	47	0.778 962	9.994 072	1	555	
446	9.215 156	46	9.221 085	47	0.778 915	9.994 071	1	554	
447	9.215 202	45	9.221 132	47	0.778 868	9.994 070	2	553	
448	9.215 247	46	9.221 179	47	0.778 821	9.994 068	1	552	
449	9.215 293	45	9.221 226	46	0.778 774	9.994 067	1	551	
.450	9.215 338		9.221 272		0.778 728	9.994 066		.550	
	cos	d	cotg	d	tang	sin	d	80°	P.P.

	48
1	4.8
2	9.6
3	14.4
4	19.2
5	24.0
6	28.8
7	33.6
8	38.4
9	43.2

	47
1	4.7
2	9.4
3	14.1
4	18.8
5	23.5
6	28.2
7	32.9
8	37.6
9	42.3

	46
1	4.6
2	9.2
3	13.8
4	18.4
5	23.0
6	27.6
7	32.2
8	36.8
9	41.4

	45
1	4.5
2	9.0
3	13.5
4	18.0
5	22.5
6	27.0
7	31.5
8	36.0
9	40.5

80°.600 — 80°.550

9°.450 — 9°.500

9°	sin	d	tang	d	cotg	cos	d		P.P.
.450	9.215 338	46	9.221 272	47	0.778 728	9.994 066	1	**.550**	
451	9.215 384	45	9.221 319	47	0.778 681	9.994 065	2	549	
452	9.215 429	46	9.221 366	47	0.778 634	9.994 063	1	548	
453	9.215 475	45	9.221 413	47	0.778 587	9.994 062	1	547	
454	9.215 520	46	9.221 460	46	0.778 540	9.994 061	1	546	
455	9.215 566	46	9.221 506	47	0.778 494	9.994 060	2	545	
456	9.215 612	45	9.221 553	47	0.778 447	9.994 058	1	544	
457	9.215 657	46	9.221 600	47	0.778 400	9.994 057	1	543	
458	9.215 703	45	9.221 647	46	0.778 353	9.994 056	1	542	
459	9.215 748	46	9.221 693	47	0.778 307	9.994 055	2	541	
.460	9.215 794	45	9.221 740	47	0.778 260	9.994 053	1	**.540**	
461	9.215 839	45	9.221 787	47	0.778 213	9.994 052	1	539	
462	9.215 884	46	9.221 834	46	0.778 166	9.994 051	1	538	
463	9.215 930	45	9.221 880	47	0.778 120	9.994 050	2	537	
464	9.215 975	46	9.221 927	47	0.778 073	9.994 048	1	536	
465	9.216 021	45	9.221 974	47	0.778 026	9.994 047	1	535	
466	9.216 066	46	9.222 021	46	0.777 979	9.994 046	2	534	
467	9.216 112	45	9.222 067	47	0.777 933	9.994 044	1	533	
468	9.216 157	46	9.222 114	47	0.777 886	9.994 043	1	532	
469	9.216 203	45	9.222 161	46	0.777 839	9.994 042	1	531	
.470	9.216 248	46	9.222 207	47	0.777 793	9.994 041	2	**.530**	
471	9.216 294	45	9.222 254	47	0.777 746	9.994 039	1	529	
472	9.216 339	45	9.222 301	47	0.777 699	9.994 038	1	528	
473	9.216 384	46	9.222 348	46	0.777 652	9.994 037	1	527	
474	9.216 430	45	9.222 394	47	0.777 606	9.994 036	2	526	
475	9.216 475	46	9.222 441	47	0.777 559	9.994 034	1	525	
476	9.216 521	45	9.222 488	46	0.777 512	9.994 033	1	524	
477	9.216 566	46	9.222 534	47	0.777 466	9.994 032	1	523	
478	9.216 612	45	9.222 581	47	0.777 419	9.994 031	2	522	
479	9.216 657	45	9.222 628	46	0.777 372	9.994 029	1	521	
.480	9.216 702	46	9.222 674	47	0.777 326	9.994 028	1	**.520**	
481	9.216 748	45	9.222 721	47	0.777 279	9.994 027	1	519	
482	9.216 793	46	9.222 768	46	0.777 232	9.994 026	2	518	
483	9.216 839	45	9.222 814	47	0.777 186	9.994 024	1	517	
484	9.216 884	45	9.222 861	47	0.777 139	9.994 023	1	516	
485	9.216 929	46	9.222 908	46	0.777 092	9.994 022	2	515	
486	9.216 975	45	9.222 954	47	0.777 046	9.994 020	1	514	
487	9.217 020	45	9.223 001	46	0.776 999	9.994 019	1	513	
488	9.217 065	46	9.223 047	47	0.776 953	9.994 018	1	512	
489	9.217 111	45	9.223 094	47	0.776 906	9.994 017	2	511	
.490	9.217 156	45	9.223 141	46	0.776 859	9.994 015	1	**.510**	
491	9.217 201	46	9.223 187	47	0.776 813	9.994 014	1	509	
492	9.217 247	45	9.223 234	46	0.776 766	9.994 013	1	508	
493	9.217 292	45	9.223 280	47	0.776 720	9.994 012	2	507	
494	9.217 337	46	9.223 327	47	0.776 673	9.994 010	1	506	
495	9.217 383	45	9.223 374	46	0.776 626	9.994 009	1	505	
496	9.217 428	45	9.223 420	47	0.776 580	9.994 008	2	504	
497	9.217 473	46	9.223 467	46	0.776 533	9.994 006	1	503	
498	9.217 519	45	9.223 513	47	0.776 487	9.994 005	1	502	
499	9.217 564	45	9.223 560	47	0.776 440	9.994 004	1	501	
.500	9.217 609		9.223 607		0.776 393	9.994 003		**.500**	
	cos	d	cotg	d	tang	sin	d	**80°**	P.P.

	47
1	4.7
2	9.4
3	14.1
4	18.8
5	23.5
6	28.2
7	32.9
8	37.6
9	42.3

	46
1	4.6
2	9.2
3	13.8
4	18.4
5	23.0
6	27.6
7	32.2
8	36.8
9	41.4

	45
1	4.5
2	9.0
3	13.5
4	18.0
5	22.5
6	27.0
7	31.5
8	36.0
9	40.5

80°.550 — 80°.500

9°.500 — 9°.550

9°	sin	d	tang	d	cotg	cos	d		P.P.
.500	9.217 609	46	9.223 607	46	0.776 393	9.994 003	2	.500	
501	9.217 655	45	9.223 653	47	0.776 347	9.994 001	1	499	
502	9.217 700	45	9.223 700	46	0.776 300	9.994 000	1	498	
503	9.217 745	45	9.223 746	47	0.776 254	9.993 999	1	497	
504	9.217 790	46	9.223 793	46	0.776 207	9.993 998	2	496	
505	9.217 836	45	9.223 839	47	0.776 161	9.993 996	1	495	
506	9.217 881	45	9.223 886	46	0.776 114	9.993 995	1	494	
507	9.217 926	45	9.223 932	47	0.776 068	9.993 994	1	493	
508	9.217 971	46	9.223 979	46	0.776 021	9.993 993	2	492	
509	9.218 017	45	9.224 025	47	0.775 975	9.993 991	1	491	
.510	9.218 062	45	9.224 072	46	0.775 928	9.993 990	1	.490	
511	9.218 107	45	9.224 118	47	0.775 882	9.993 989	2	489	
512	9.218 152	46	9.224 165	46	0.775 835	9.993 987	1	488	
513	9.218 198	45	9.224 211	47	0.775 789	9.993 986	1	487	
514	9.218 243	45	9.224 258	46	0.775 742	9.993 985	1	486	
515	9.218 288	45	9.224 304	47	0.775 696	9.993 984	2	485	
516	9.218 333	46	9.224 351	46	0.775 649	9.993 982	1	484	
517	9.218 379	45	9.224 397	47	0.775 603	9.993 981	1	483	
518	9.218 424	45	9.224 444	46	0.775 556	9.993 980	1	482	
519	9.218 469	45	9.224 490	47	0.775 510	9.993 979	2	481	
.520	9.218 514	45	9.224 537	46	0.775 463	9.993 977	1	.480	
521	9.218 559	46	9.224 583	47	0.775 417	9.993 976	1	479	
522	9.218 605	45	9.224 630	46	0.775 370	9.993 975	2	478	
523	9.218 650	45	9.224 676	47	0.775 324	9.993 973	1	477	
524	9.218 695	45	9.224 723	46	0.775 277	9.993 972	1	476	
525	9.218 740	45	9.224 769	47	0.775 231	9.993 971	1	475	
526	9.218 785	45	9.224 816	46	0.775 184	9.993 970	2	474	
527	9.218 830	46	9.224 862	46	0.775 138	9.993 968	1	473	
528	9.218 876	45	9.224 908	47	0.775 092	9.993 967	1	472	
529	9.218 921	45	9.224 955	46	0.775 045	9.993 966	1	471	
.530	9.218 966	45	9.225 001	47	0.774 999	9.993 965	2	.470	
531	9.219 011	45	9.225 048	46	0.774 952	9.993 963	1	469	
532	9.219 056	45	9.225 094	47	0.774 906	9.993 962	1	468	
533	9.219 101	45	9.225 141	46	0.774 859	9.993 961	2	467	
534	9.219 146	46	9.225 187	46	0.774 813	9.993 959	1	466	
535	9.219 192	45	9.225 233	47	0.774 767	9.993 958	1	465	
536	9.219 237	45	9.225 280	46	0.774 720	9.993 957	1	464	
537	9.219 282	45	9.225 326	47	0.774 674	9.993 956	2	463	
538	9.219 327	45	9.225 373	46	0.774 627	9.993 954	1	462	
539	9.219 372	45	9.225 419	46	0.774 581	9.993 953	1	461	
.540	9.219 417	45	9.225 465	47	0.774 535	9.993 952	1	.460	
541	9.219 462	45	9.225 512	46	0.774 488	9.993 951	2	459	
542	9.219 507	45	9.225 558	46	0.774 442	9.993 949	1	458	
543	9.219 552	46	9.225 604	47	0.774 396	9.993 948	1	457	
544	9.219 598	45	9.225 651	46	0.774 349	9.993 947	2	456	
545	9.219 643	45	9.225 697	46	0.774 303	9.993 945	1	455	
546	9.219 688	45	9.225 743	47	0.774 257	9.993 944	1	454	
547	9.219 733	45	9.225 790	46	0.774 210	9.993 943	1	453	
548	9.219 778	45	9.225 836	47	0.774 164	9.993 942	2	452	
549	9.219 823	45	9.225 883	46	0.774 117	9.993 940	1	451	
.550	9.219 868		9.225 929		0.774 071	9.993 939		.450	
	cos	d	cotg	d	tang	sin	d	80°	P.P.

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1	4.7
2	9.4
3	14.1
4	18.8
5	23.5
6	28.2
7	32.9
8	37.6
9	42.3

	46
1	4.6
2	9.2
3	13.8
4	18.4
5	23.0
6	27.6
7	32.2
8	36.8
9	41.4

	45
1	4.5
2	9.0
3	13.5
4	18.0
5	22.5
6	27.0
7	31.5
8	36.0
9	40.5

80°.500 — 80°.450

9°.550 — 9°.600

9°	sin	d	tang	d	cotg	cos	d		P.P.
.550	9.219 868	45	9.225 929	46	0.774 071	9.993 939	1	.450	
551	9.219 913	45	9.225 975	47	0.774 025	9.993 938	1	449	
552	9.219 958	45	9.226 022	46	0.773 978	9.993 937	2	448	
553	9.220 003	45	9.226 068	46	0.773 932	9.993 935	1	447	
554	9.220 048	45	9.226 114	46	0.773 886	9.993 934	1	446	
555	9.220 093	45	9.226 160	47	0.773 840	9.993 933	2	445	
556	9.220 138	45	9.226 207	46	0.773 793	9.993 931	1	444	
557	9.220 183	45	9.226 253	46	0.773 747	9.993 930	1	443	
558	9.220 228	45	9.226 299	47	0.773 701	9.993 929	1	442	
559	9.220 273	45	9.226 346	46	0.773 654	9.993 928	2	441	
.560	9.220 318	45	9.226 392	46	0.773 608	9.993 926	1	.440	
561	9.220 363	45	9.226 438	46	0.773 562	9.993 925	1	439	
562	9.220 408	45	9.226 484	47	0.773 516	9.993 924	1	438	
563	9.220 453	45	9.226 531	46	0.773 469	9.993 923	2	437	
564	9.220 498	45	9.226 577	46	0.773 423	9.993 921	1	436	
565	9.220 543	45	9.226 623	47	0.773 377	9.993 920	1	435	
566	9.220 588	45	9.226 670	46	0.773 330	9.993 919	2	434	
567	9.220 633	45	9.226 716	46	0.773 284	9.993 917	1	433	
568	9.220 678	45	9.226 762	46	0.773 238	9.993 916	1	432	
569	9.220 723	45	9.226 808	47	0.773 192	9.993 915	1	431	
.570	9.220 768	45	9.226 855	46	0.773 145	9.993 914	2	.430	
571	9.220 813	45	9.226 901	46	0.773 099	9.993 912	1	429	
572	9.220 858	45	9.226 947	46	0.773 053	9.993 911	1	428	
573	9.220 903	45	9.226 993	46	0.773 007	9.993 910	2	427	
574	9.220 948	45	9.227 039	47	0.772 961	9.993 908	1	426	
575	9.220 993	45	9.227 086	46	0.772 914	9.993 907	1	425	
576	9.221 038	45	9.227 132	46	0.772 868	9.993 906	1	424	
577	9.221 083	45	9.227 178	46	0.772 822	9.993 905	2	423	
578	9.221 128	45	9.227 224	46	0.772 776	9.993 903	1	422	
579	9.221 173	44	9.227 270	47	0.772 730	9.993 902	1	421	
.580	9.221 217	45	9.227 317	46	0.772 683	9.993 901	1	.420	
581	9.221 262	45	9.227 363	46	0.772 637	9.993 900	2	419	
582	9.221 307	45	9.227 409	46	0.772 591	9.993 898	1	418	
583	9.221 352	45	9.227 455	46	0.772 545	9.993 897	1	417	
584	9.221 397	45	9.227 501	47	0.772 499	9.993 896	2	416	
585	9.221 442	45	9.227 548	46	0.772 452	9.993 894	1	415	
586	9.221 487	45	9.227 594	46	0.772 406	9.993 893	1	414	
587	9.221 532	45	9.227 640	46	0.772 360	9.993 892	1	413	
588	9.221 577	44	9.227 686	46	0.772 314	9.993 891	2	412	
589	9.221 621	45	9.227 732	46	0.772 268	9.993 889	1	411	
.590	9.221 666	45	9.227 778	46	0.772 222	9.993 888	1	.410	
591	9.221 711	45	9.227 824	47	0.772 176	9.993 887	2	409	
592	9.221 756	45	9.227 871	46	0.772 129	9.993 885	1	408	
593	9.221 801	45	9.227 917	46	0.772 083	9.993 884	1	407	
594	9.221 846	45	9.227 963	46	0.772 037	9.993 883	1	406	
595	9.221 891	44	9.228 009	46	0.771 991	9.993 882	2	405	
596	9.221 935	45	9.228 055	46	0.771 945	9.993 880	1	404	
597	9.221 980	45	9.228 101	46	0.771 899	9.993 879	1	403	
598	9.222 025	45	9.228 147	46	0.771 853	9.993 878	2	402	
599	9.222 070	45	9.228 193	46	0.771 807	9.993 876	1	401	
.600	9.222 115		9.228 239		0.771 761	9.993 875		.400	
	cos	d	cotg	d	tang	sin	d	80°	P.P.

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1	4.7
2	9.4
3	14.1
4	18.8
5	23.5
6	28.2
7	32.9
8	37.6
9	42.3

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1	4.6
2	9.2
3	13.8
4	18.4
5	23.0
6	27.6
7	32.2
8	36.8
9	41.4

	45
1	4.5
2	9.0
3	13.5
4	18.0
5	22.5
6	27.0
7	31.5
8	36.0
9	40.5

	44
1	4.4
2	8.8
3	13.2
4	17.6
5	22.0
6	26.4
7	30.8
8	35.2
9	39.6

80°.450 — 80°.400

9°.600 — 9°.650

9°	sin	d	tang	d	cotg	cos	d		P.P.
.600	9.222 115	44	9.228 239	47	0.771 761	9.993 875	1	.400	
601	9.222 159	45	9.228 286	46	0.771 714	9.993 874	1	399	
602	9.222 204	45	9.228 332	46	0.771 668	9.993 873	2	398	
603	9.222 249	45	9.228 378	46	0.771 622	9.993 871	1	397	
604	9.222 294	45	9.228 424	46	0.771 576	9.993 870	1	396	
605	9.222 339	44	9.228 470	46	0.771 530	9.993 869	2	395	
606	9.222 383	45	9.228 516	46	0.771 484	9.993 867	1	394	
607	9.222 428	45	9.228 562	46	0.771 438	9.993 866	1	393	
608	9.222 473	45	9.228 608	46	0.771 392	9.993 865	1	392	
609	9.222 518	45	9.228 654	46	0.771 346	9.993 864	2	391	
.610	9.222 563	44	9.228 700	46	0.771 300	9.993 862	1	.390	
611	9.222 607	45	9.228 746	46	0.771 254	9.993 861	1	389	
612	9.222 652	45	9.228 792	46	0.771 208	9.993 860	2	388	
613	9.222 697	45	9.228 838	46	0.771 162	9.993 858	1	387	
614	9.222 742	44	9.228 884	46	0.771 116	9.993 857	1	386	
615	9.222 786	45	9.228 930	46	0.771 070	9.993 856	1	385	
616	9.222 831	45	9.228 976	46	0.771 024	9.993 855	2	384	
617	9.222 876	45	9.229 022	46	0.770 978	9.993 853	1	383	
618	9.222 921	44	9.229 068	47	0.770 932	9.993 852	1	382	
619	9.222 965	45	9.229 115	46	0.770 885	9.993 851	1	381	
.620	9.223 010	45	9.229 161	46	0.770 839	9.993 850	2	.380	
621	9.223 055	44	9.229 207	46	0.770 793	9.993 848	1	379	
622	9.223 099	45	9.229 253	46	0.770 747	9.993 847	1	378	
623	9.223 144	45	9.229 299	45	0.770 701	9.993 846	2	377	
624	9.223 189	45	9.229 344	46	0.770 656	9.993 844	1	376	
625	9.223 234	44	9.229 390	46	0.770 610	9.993 843	1	375	
626	9.223 278	45	9.229 436	46	0.770 564	9.993 842	1	374	
627	9.223 323	45	9.229 482	46	0.770 518	9.993 841	2	373	
628	9.223 368	44	9.229 528	46	0.770 472	9.993 839	1	372	
629	9.223 412	45	9.229 574	46	0.770 426	9.993 838	1	371	
.630	9.223 457	45	9.229 620	46	0.770 380	9.993 837	2	.370	
631	9.223 502	44	9.229 666	46	0.770 334	9.993 835	1	369	
632	9.223 546	45	9.229 712	46	0.770 288	9.993 834	1	368	
633	9.223 591	45	9.229 758	46	0.770 242	9.993 833	1	367	
634	9.223 636	44	9.229 804	46	0.770 196	9.993 832	2	366	
635	9.223 680	45	9.229 850	46	0.770 150	9.993 830	1	365	
636	9.223 725	45	9.229 896	46	0.770 104	9.993 829	1	364	
637	9.223 770	44	9.229 942	46	0.770 058	9.993 828	2	363	
638	9.223 814	45	9.229 988	46	0.770 012	9.993 826	1	362	
639	9.223 859	44	9.230 034	46	0.769 966	9.993 825	1	361	
.640	9.223 903	45	9.230 080	46	0.769 920	9.993 824	2	.360	
641	9.223 948	45	9.230 126	46	0.769 874	9.993 822	1	359	
642	9.223 993	44	9.230 172	45	0.769 828	9.993 821	1	358	
643	9.224 037	45	9.230 217	46	0.769 783	9.993 820	1	357	
644	9.224 082	45	9.230 263	46	0.769 737	9.993 819	2	356	
645	9.224 127	44	9.230 309	46	0.769 691	9.993 817	1	355	
646	9.224 171	45	9.230 355	46	0.769 645	9.993 816	1	354	
647	9.224 216	44	9.230 401	46	0.769 599	9.993 815	2	353	
648	9.224 260	45	9.230 447	46	0.769 553	9.993 813	1	352	
649	9.224 305	44	9.230 493	46	0.769 507	9.993 812	1	351	
.650	9.224 349		9.230 539		0.769 461	9.993 811		.350	
	cos	d	cotg	d	tang	sin	d	80°	P.P.

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1	4.7
2	9.4
3	14.1
4	18.8
5	23.5
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7	32.9
8	37.6
9	42.3

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1	4.6
2	9.2
3	13.8
4	18.4
5	23.0
6	27.6
7	32.2
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9	41.4

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1	4.5
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3	13.5
4	18.0
5	22.5
6	27.0
7	31.5
8	36.0
9	40.5

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1	4.4
2	8.8
3	13.2
4	17.6
5	22.0
6	26.4
7	30.8
8	35.2
9	39.6

80°.400 — 80°.350

9°.650 — 9°.700

9°	sin	d	tang	d	cotg	cos	d		P.P.
.650	9.224 349		9.230 539		0.769 461	9.993 811		**.350**	
		45		45			1		
651	9.224 394		9.230 584		0.769 416	9.993 810		349	
		45		46			2		
652	9.224 439		9.230 630		0.769 370	9.993 808		348	
		44		46			1		
653	9.224 483		9.230 676		0.769 324	9.993 807		347	
		45		46			1		
654	9.224 528		9.230 722		0.769 278	9.993 806		346	
		44		46			2		
655	9.224 572		9.230 768		0.769 232	9.993 804		345	
		45		46			1		
656	9.224 617		9.230 814		0.769 186	9.993 803		344	
		44		46			1		
657	9.224 661		9.230 860		0.769 140	9.993 802		343	
		45		45			1		
658	9.224 706		9.230 905		0.769 095	9.993 801		342	
		44		46			2		
659	9.224 750		9.230 951		0.769 049	9.993 799		341	
		45		46			1		
.660	9.224 795		9.230 997		0.769 003	9.993 798		**.340**	
		45		46			1		
661	9.224 840		9.231 043		0.768 957	9.993 797		339	
		44		46			2		
662	9.224 884		9.231 089		0.768 911	9.993 795		338	
		45		45			1		
663	9.224 929		9.231 134		0.768 866	9.993 794		337	
		44		46			1		
664	9.224 973		9.231 180		0.768 820	9.993 793		336	
		45		46			1		
665	9.225 018		9.231 226		0.768 774	9.993 792		335	
		44		46			2		
666	9.225 062		9.231 272		0.768 728	9.993 790		334	
		45		46			1		
667	9.225 107		9.231 318		0.768 682	9.993 789		333	
		44		45			1		
668	9.225 151		9.231 363		0.768 637	9.993 788		332	
		45		46			2		
669	9.225 196		9.231 409		0.768 591	9.993 786		331	
		44		46			1		
.670	9.225 240		9.231 455		0.768 545	9.993 785		**.330**	
		45		46			1		
671	9.225 285		9.231 501		0.768 499	9.993 784		329	
		44		46			1		
672	9.225 329		9.231 547		0.768 453	9.993 783		328	
		45		45			2		
673	9.225 374		9.231 592		0.768 408	9.993 781		327	
		44		46			1		
674	9.225 418		9.231 638		0.768 362	9.993 780		326	
		44		46			1		
675	9.225 462		9.231 684		0.768 316	9.993 779		325	
		45		46			2		
676	9.225 507		9.231 730		0.768 270	9.993 777		324	
		44		45			1		
677	9.225 551		9.231 775		0.768 225	9.993 776		323	
		45		46			1		
678	9.225 596		9.231 821		0.768 179	9.993 775		322	
		44		46			2		
679	9.225 640		9.231 867		0.768 133	9.993 773		321	
		45		46			1		
.680	9.225 685		9.231 913		0.768 087	9.993 772		**.320**	
		44		45			1		
681	9.225 729		9.231 958		0.768 042	9.993 771		319	
		45		46			1		
682	9.225 774		9.232 004		0.767 996	9.993 770		318	
		44		46			2		
683	9.225 818		9.232 050		0.767 950	9.993 768		317	
		44		45			1		
684	9.225 862		9.232 095		0.767 905	9.993 767		316	
		45		46			1		
685	9.225 907		9.232 141		0.767 859	9.993 766		315	
		44		46			2		
686	9.225 951		9.232 187		0.767 813	9.993 764		314	
		45		46			1		
687	9.225 996		9.232 233		0.767 767	9.993 763		313	
		44		45			1		
688	9.226 040		9.232 278		0.767 722	9.993 762		312	
		44		46			1		
689	9.226 084		9.232 324		0.767 676	9.993 761		311	
		45		46			2		
.690	9.226 129		9.232 370		0.767 630	9.993 759		**.310**	
		44		45			1		
691	9.226 173		9.232 415		0.767 585	9.993 758		309	
		45		46			1		
692	9.226 218		9.232 461		0.767 539	9.993 757		308	
		44		46			2		
693	9.226 262		9.232 507		0.767 493	9.993 755		307	
		44		45			1		
694	9.226 306		9.232 552		0.767 448	9.993 754		306	
		45		46			1		
695	9.226 351		9.232 598		0.767 402	9.993 753		305	
		44		46			2		
696	9.226 395		9.232 644		0.767 356	9.993 751		304	
		44		45			1		
697	9.226 439		9.232 689		0.767 311	9.993 750		303	
		45		46			1		
698	9.226 484		9.232 735		0.767 265	9.993 749		302	
		44		46			1		
699	9.226 528		9.232 781		0.767 219	9.993 748		301	
		45		45			2		
.700	9.226 573		9.232 826		0.767 174	9.993 746		**.300**	
	cos	d	cotg	d	tang	sin	d	**80°**	P.P.

	46
1	4.6
2	9.2
3	13.8
4	18.4
5	23.0
6	27.6
7	32.2
8	36.8
9	41.4

	45
1	4.5
2	9.0
3	13.5
4	18.0
5	22.5
6	27.0
7	31.5
8	36.0
9	40.5

	44
1	4.4
2	8.8
3	13.2
4	17.6
5	22.0
6	26.4
7	30.8
8	35.2
9	39.6

80°.350 — 80°.300

9°.700 — 9°.750

9°	sin	d	tang	d	cotg	cos	d		P.P.
.700	9.226 573	44	9.232 826	46	0.767 174	9.993 746	1	**.300**	
701	9.226 617	44	9.232 872	46	0.767 128	9.993 745	1	299	
702	9.226 661	45	9.232 918	45	0.767 082	9.993 744	2	298	
703	9.226 706	44	9.232 963	46	0.767 037	9.993 742	1	297	
704	9.226 750	44	9.233 009	45	0.766 991	9.993 741	1	296	
705	9.226 794	45	9.233 054	46	0.766 946	9.993 740	1	295	
706	9.226 839	44	9.233 100	46	0.766 900	9.993 739	2	294	
707	9.226 883	44	9.233 146	45	0.766 854	9.993 737	1	293	
708	9.226 927	44	9.233 191	46	0.766 809	9.993 736	1	292	
709	9.226 971	45	9.233 237	45	0.766 763	9.993 735	2	291	
.710	9.227 016	44	9.233 282	46	0.766 718	9.993 733	1	**.290**	
711	9.227 060	44	9.233 328	46	0.766 672	9.993 732	1	289	
712	9.227 104	45	9.233 374	45	0.766 626	9.993 731	2	288	
713	9.227 149	44	9.233 419	46	0.766 581	9.993 729	1	287	
714	9.227 193	44	9.233 465	45	0.766 535	9.993 728	1	286	
715	9.227 237	44	9.233 510	46	0.766 490	9.993 727	1	285	
716	9.227 281	45	9.233 556	45	0.766 444	9.993 726	2	284	
717	9.227 326	44	9.233 601	46	0.766 399	9.993 724	1	283	
718	9.227 370	44	9.233 647	46	0.766 353	9.993 723	1	282	
719	9.227 414	44	9.233 693	45	0.766 307	9.993 722	2	281	
.720	9.227 458	45	9.233 738	46	0.766 262	9.993 720	1	**.280**	
721	9.227 503	44	9.233 784	45	0.766 216	9.993 719	1	279	
722	9.227 547	44	9.233 829	46	0.766 171	9.993 718	2	278	
723	9.227 591	44	9.233 875	45	0.766 125	9.993 716	1	277	
724	9.227 635	45	9.233 920	46	0.766 080	9.993 715	1	276	
725	9.227 680	44	9.233 966	45	0.766 034	9.993 714	1	275	
726	9.227 724	44	9.234 011	46	0.765 989	9.993 713	2	274	
727	9.227 768	44	9.234 057	45	0.765 943	9.993 711	1	273	
728	9.227 812	45	9.234 102	46	0.765 898	9.993 710	1	272	
729	9.227 857	44	9.234 148	45	0.765 852	9.993 709	2	271	
.730	9.227 901	44	9.234 193	46	0.765 807	9.993 707	1	**.270**	
731	9.227 945	44	9.234 239	45	0.765 761	9.993 706	1	269	
732	9.227 989	44	9.234 284	46	0.765 716	9.993 705	2	268	
733	9.228 033	45	9.234 330	45	0.765 670	9.993 703	1	267	
734	9.228 078	44	9.234 375	46	0.765 625	9.993 702	1	266	
735	9.228 122	44	9.234 421	45	0.765 579	9.993 701	1	265	
736	9.228 166	44	9.234 466	46	0.765 534	9.993 700	2	264	
737	9.228 210	44	9.234 512	45	0.765 488	9.993 698	1	263	
738	9.228 254	44	9.234 557	46	0.765 443	9.993 697	1	262	
739	9.228 298	45	9.234 603	45	0.765 397	9.993 696	2	261	
.740	9.228 343	44	9.234 648	46	0.765 352	9.993 694	1	**.260**	
741	9.228 387	44	9.234 694	45	0.765 306	9.993 693	1	259	
742	9.228 431	44	9.234 739	46	0.765 261	9.993 692	2	258	
743	9.228 475	44	9.234 785	45	0.765 215	9.993 690	1	257	
744	9.228 519	44	9.234 830	45	0.765 170	9.993 689	1	256	
745	9.228 563	44	9.234 875	46	0.765 125	9.993 688	1	255	
746	9.228 607	45	9.234 921	45	0.765 079	9.993 687	2	254	
747	9.228 652	44	9.234 966	46	0.765 034	9.993 685	1	253	
748	9.228 696	44	9.235 012	45	0.764 988	9.993 684	1	252	
749	9.228 740	44	9.235 057	46	0.764 943	9.993 683	2	251	
.750	9.228 784		9.235 103		0.764 897	9.993 681		**.250**	
	cos	d	cotg	d	tang	sin	d	**80°**	P.P.

	46
1	4.6
2	9.2
3	13.8
4	18.4
5	23.0
6	27.6
7	32.2
8	36.8
9	41.4

	45
1	4.5
2	9.0
3	13.5
4	18.0
5	22.5
6	27.0
7	31.5
8	36.0
9	40.5

	44
1	4.4
2	8.8
3	13.2
4	17.6
5	22.0
6	26.4
7	30.8
8	35.2
9	39.6

80°.300 — 80°.250

9°.750 — 9°.800

9°	sin	d	tang	d	cotg	cos	d		P.P.
.750	9.228 784		9.235 103		0.764 897	9.993 681		**.250**	
		44		45			1		
751	9.228 828		9.235 148		0.764 852	9.993 680		249	
		44		45			1		
752	9.228 872		9.235 193		0.764 807	9.993 679		248	
		44		46			2		
753	9.228 916		9.235 239		0.764 761	9.993 677		247	
		44		45			1		
754	9.228 960		9.235 284		0.764 716	9.993 676		246	
		44		46			1		
755	9.229 004		9.235 330		0.764 670	9.993 675		245	
		45		45			1		
756	9.229 049		9.235 375		0.764 625	9.993 674		244	
		44		45			2		
757	9.229 093		9.235 420		0.764 580	9.993 672		243	
		44		46			1		
758	9.229 137		9.235 466		0.764 534	9.993 671		242	
		44		45			1		
759	9.229 181		9.235 511		0.764 489	9.993 670		241	
		44		46			2		
.760	9.229 225		9.235 557		0.764 443	9.993 668		**.240**	
		44		45			1		
761	9.229 269		9.235 602		0.764 398	9.993 667		239	
		44		45			1		
762	9.229 313		9.235 647		0.764 353	9.993 666		238	
		44		46			2		
763	9.229 357		9.235 693		0.764 307	9.993 664		237	
		44		45			1		
764	9.229 401		9.235 738		0.764 262	9.993 663		236	
		44		45			1		
765	9.229 445		9.235 783		0.764 217	9.993 662		235	
		44		46			2		
766	9.229 489		9.235 829		0.764 171	9.993 660		234	
		44		45			1		
767	9.229 533		9.235 874		0.764 126	9.993 659		233	
		44		45			1		
768	9.229 577		9.235 919		0.764 081	9.993 658		232	
		44		46			1		
769	9.229 621		9.235 965		0.764 035	9.993 657		231	
		44		45			2		
.770	9.229 665		9.236 010		0.763 990	9.993 655		**.230**	
		44		45			1		
771	9.229 709		9.236 055		0.763 945	9.993 654		229	
		44		46			1		
772	9.229 753		9.236 101		0.763 899	9.993 653		228	
		44		45			2		
773	9.229 797		9.236 146		0.763 854	9.993 651		227	
		44		45			1		
774	9.229 841		9.236 191		0.763 809	9.993 650		226	
		44		46			1		
775	9.229 885		9.236 237		0.763 763	9.993 649		225	
		44		45			2		
776	9.229 929		9.236 282		0.763 718	9.993 647		224	
		44		45			1		
777	9.229 973		9.236 327		0.763 673	9.993 646		223	
		44		45			1		
778	9.230 017		9.236 372		0.763 628	9.993 645		222	
		44		46			1		
779	9.230 061		9.236 418		0.763 582	9.993 644		221	
		44		45			2		
.780	9.230 105		9.236 463		0.763 537	9.993 642		**.220**	
		44		45			1		
781	9.230 149		9.236 508		0.763 492	9.993 641		219	
		44		46			1		
782	9.230 193		9.236 554		0.763 446	9.993 640		218	
		44		45			2		
783	9.230 237		9.236 599		0.763 401	9.993 638		217	
		44		45			1		
784	9.230 281		9.236 644		0.763 356	9.993 637		216	
		44		45			1		
785	9.230 325		9.236 689		0.763 311	9.993 636		215	
		44		46			2		
786	9.230 369		9.236 735		0.763 265	9.993 634		214	
		44		45			1		
787	9.230 413		9.236 780		0.763 220	9.993 633		213	
		44		45			1		
788	9.230 457		9.236 825		0.763 175	9.993 632		212	
		44		45			2		
789	9.230 501		9.236 870		0.763 130	9.993 630		211	
		44		46			1		
.790	9.230 545		9.236 916		0.763 084	9.993 629		**.210**	
		44		45			1		
791	9.230 589		9.236 961		0.763 039	9.993 628		209	
		44		45			1		
792	9.230 633		9.237 006		0.762 994	9.993 627		208	
		44		45			2		
793	9.230 677		9.237 051		0.762 949	9.993 625		207	
		43		46			1		
794	9.230 720		9.237 097		0.762 903	9.993 624		206	
		44		45			1		
795	9.230 764		9.237 142		0.762 858	9.993 623		205	
		44		45			2		
796	9.230 808		9.237 187		0.762 813	9.993 621		204	
		44		45			1		
797	9.230 852		9.237 232		0.762 768	9.993 620		203	
		44		45			1		
798	9.230 896		9.237 277		0.762 723	9.993 619		202	
		44		46			2		
799	9.230 940		9.237 323		0.762 677	9.993 617		201	
		44		45			1		
.800	9.230 984		9.237 368		0.762 632	9.993 616		**.200**	
	cos	d	cotg	d	tang	sin	d	**80°**	P.P.

	46
1	4.6
2	9.2
3	13.8
4	18.4
5	23.0
6	27.6
7	32.2
8	36.8
9	41.4

	45
1	4.5
2	9.0
3	13.5
4	18.0
5	22.5
6	27.0
7	31.5
8	36.0
9	40.5

	44
1	4.4
2	8.8
3	13.2
4	17.6
5	22.0
6	26.4
7	30.8
8	35.2
9	39.6

	43
1	4.3
2	8.6
3	12.9
4	17.2
5	21.5
6	25.8
7	30.1
8	34.4
9	38.7

80°.250 — 80°.200

9°.800 — 9°.850

9°	sin	d	tang	d	cotg	cos	d		P.P.
.800	9.230 984		9.237 368		0.762 632	9.993 616		.200	
		44		45			1		
801	9.231 028		9.237 413		0.762 587	9.993 615		199	
		44		45			2		
802	9.231 072		9.237 458		0.762 542	9.993 613		198	
		43		45			1		
803	9.231 115		9.237 503		0.762 497	9.993 612		197	
		44		45			1		
804	9.231 159		9.237 548		0.762 452	9.993 611		196	
		44		46			2		
805	9.231 203		9.237 594		0.762 406	9.993 609		195	
		44		45			1		
806	9.231 247		9.237 639		0.762 361	9.993 608		194	
		44		45			1		
807	9.231 291		9.237 684		0.762 316	9.993 607		193	
		44		45			1		
808	9.231 335		9.237 729		0.762 271	9.993 606		192	
		44		45			2		
809	9.231 379		9.237 774		0.762 226	9.993 604		191	
		43		45			1		
.810	9.231 422		9.237 819		0.762 181	9.993 603		.190	
		44		46			1		
811	9.231 466		9.237 865		0.762 135	9.993 602		189	
		44		45			2		
812	9.231 510		9.237 910		0.762 090	9.993 600		188	
		44		45			1		
813	9.231 554		9.237 955		0.762 045	9.993 599		187	
		44		45			1		
814	9.231 598		9.238 000		0.762 000	9.993 598		186	
		44		45			2		
815	9.231 642		9.238 045		0.761 955	9.993 596		185	
		43		45			1		
816	9.231 685		9.238 090		0.761 910	9.993 595		184	
		44		45			1		
817	9.231 729		9.238 135		0.761 865	9.993 594		183	
		44		45			2		
818	9.231 773		9.238 180		0.761 820	9.993 592		182	
		44		46			1		
819	9.231 817		9.238 226		0.761 774	9.993 591		181	
		44		45			1		
.820	9.231 861		9.238 271		0.761 729	9.993 590		.180	
		43		45			1		
821	9.231 904		9.238 316		0.761 684	9.993 589		179	
		44		45			2		
822	9.231 948		9.238 361		0.761 639	9.993 587		178	
		44		45			1		
823	9.231 992		9.238 406		0.761 594	9.993 586		177	
		44		45			1		
824	9.232 036		9.238 451		0.761 549	9.993 585		176	
		43		45			2		
825	9.232 079		9.238 496		0.761 504	9.993 583		175	
		44		45			1		
826	9.232 123		9.238 541		0.761 459	9.993 582		174	
		44		45			1		
827	9.232 167		9.238 586		0.761 414	9.993 581		173	
		44		45			2		
828	9.232 211		9.238 631		0.761 369	9.993 579		172	
		43		45			1		
829	9.232 254		9.238 676		0.761 324	9.993 578		171	
		44		46			1		
.830	9.232 298		9.238 722		0.761 278	9.993 577		.170	
		44		45			2		
831	9.232 342		9.238 767		0.761 233	9.993 575		169	
		44		45			1		
832	9.232 386		9.238 812		0.761 188	9.993 574		168	
		43		45			1		
833	9.232 429		9.238 857		0.761 143	9.993 573		167	
		44		45			2		
834	9.232 473		9.238 902		0.761 098	9.993 571		166	
		44		45			1		
835	9.232 517		9.238 947		0.761 053	9.993 570		165	
		44		45			1		
836	9.232 561		9.238 992		0.761 008	9.993 569		164	
		43		45			1		
837	9.232 604		9.239 037		0.760 963	9.993 568		163	
		44		45			2		
838	9.232 648		9.239 082		0.760 918	9.993 566		162	
		44		45			1		
839	9.232 692		9.239 127		0.760 873	9.993 565		161	
		43		45			1		
.840	9.232 735		9.239 172		0.760 828	9.993 564		.160	
		44		45			2		
841	9.232 779		9.239 217		0.760 783	9.993 562		159	
		44		45			1		
842	9.232 823		9.239 262		0.760 738	9.993 561		158	
		44		45			1		
843	9.232 867		9.239 307		0.760 693	9.993 560		157	
		43		45			2		
844	9.232 910		9.239 352		0.760 648	9.993 558		156	
		44		45			1		
845	9.232 954		9.239 397		0.760 603	9.993 557		155	
		44		45			1		
846	9.232 998		9.239 442		0.760 558	9.993 556		154	
		43		45			2		
847	9.233 041		9.239 487		0.760 513	9.993 554		153	
		44		45			1		
848	9.233 085		9.239 532		0.760 468	9.993 553		152	
		44		45			1		
849	9.233 129		9.239 577		0.760 423	9.993 552		151	
		43		45			2		
.850	9.233 172		9.239 622		0.760 378	9.993 550		.150	
	cos	d	cotg	d	tang	sin	d	80°	P.P.

	46
1	4.6
2	9.2
3	13.8
4	18.4
5	23.0
6	27.6
7	32.2
8	36.8
9	41.4

	45
1	4.5
2	9.0
3	13.5
4	18.0
5	22.5
6	27.0
7	31.5
8	36.0
9	40.5

	44
1	4.4
2	8.8
3	13.2
4	17.6
5	22.0
6	26.4
7	30.8
8	35.2
9	39.6

	43
1	4.3
2	8.6
3	12.9
4	17.2
5	21.5
6	25.8
7	30.1
8	34.4
9	38.7

80°.200 — 80°.150

9°.850 — 9°.900

9°	sin	d	tang	d	cotg	cos	d		P.P.
.850	9.233 172	44	9.239 622	45	0.760 378	9.993 550	1	**.150**	
851	9.233 216	44	9.239 667	45	0.760 333	9.993 549	1	149	
852	9.233 260	43	9.239 712	45	0.760 288	9.993 548	2	148	
853	9.233 303	44	9.239 757	45	0.760 243	9.993 546	1	147	
854	9.233 347	43	9.239 802	45	0.760 198	9.993 545	1	146	
855	9.233 390	44	9.239 847	45	0.760 153	9.993 544	1	145	
856	9.233 434	44	9.239 892	45	0.760 108	9.993 543	2	144	
857	9.233 478	43	9.239 937	44	0.760 063	9.993 541	1	143	
858	9.233 521	44	9.239 981	45	0.760 019	9.993 540	1	142	
859	9.233 565	44	9.240 026	45	0.759 974	9.993 539	2	141	
.860	9.233 609	43	9.240 071	45	0.759 929	9.993 537	1	**.140**	
861	9.233 652	44	9.240 116	45	0.759 884	9.993 536	1	139	
862	9.233 696	43	9.240 161	45	0.759 839	9.993 535	2	138	
863	9.233 739	44	9.240 206	45	0.759 794	9.993 533	1	137	
864	9.233 783	44	9.240 251	45	0.759 749	9.993 532	1	136	
865	9.233 827	43	9.240 296	45	0.759 704	9.993 531	2	135	
866	9.233 870	44	9.240 341	45	0.759 659	9.993 529	1	134	
867	9.233 914	43	9.240 386	45	0.759 614	9.993 528	1	133	
868	9.233 957	44	9.240 431	45	0.759 569	9.993 527	2	132	
869	9.234 001	43	9.240 476	45	0.759 524	9.993 525	1	131	
.870	9.234 044	44	9.240 520	44	0.759 480	9.993 524	1	**.130**	
871	9.234 088	44	9.240 565	45	0.759 435	9.993 523	2	129	
872	9.234 132	43	9.240 610	45	0.759 390	9.993 521	1	128	
873	9.234 175	44	9.240 655	45	0.759 345	9.993 520	1	127	
874	9.234 219	43	9.240 700	45	0.759 300	9.993 519	2	126	
875	9.234 262	44	9.240 745	45	0.759 255	9.993 517	1	125	
876	9.234 306	43	9.240 790	45	0.759 210	9.993 516	1	124	
877	9.234 349	44	9.240 834	44	0.759 166	9.993 515	1	123	
878	9.234 393	43	9.240 879	45	0.759 121	9.993 514	2	122	
879	9.234 436	44	9.240 924	45	0.759 076	9.993 512	1	121	
.880	9.234 480	43	9.240 969	45	0.759 031	9.993 511	1	**.120**	
881	9.234 523	44	9.241 014	45	0.758 986	9.993 510	2	119	
882	9.234 567	43	9.241 059	45	0.758 941	9.993 508	1	118	
883	9.234 610	44	9.241 104	44	0.758 896	9.993 507	1	117	
884	9.234 654	43	9.241 148	45	0.758 852	9.993 506	2	116	
885	9.234 697	44	9.241 193	45	0.758 807	9.993 504	1	115	
886	9.234 741	43	9.241 238	45	0.758 762	9.993 503	1	114	
887	9.234 784	44	9.241 283	45	0.758 717	9.993 502	2	113	
888	9.234 828	43	9.241 328	44	0.758 672	9.993 500	1	112	
889	9.234 871	44	9.241 372	45	0.758 628	9.993 499	1	111	
.890	9.234 915	43	9.241 417	45	0.758 583	9.993 498	2	**.110**	
891	9.234 958	44	9.241 462	45	0.758 538	9.993 496	1	109	
892	9.235 002	43	9.241 507	45	0.758 493	9.993 495	1	108	
893	9.235 045	44	9.241 552	44	0.758 448	9.993 494	2	107	
894	9.235 089	43	9.241 596	45	0.758 404	9.993 492	1	106	
895	9.235 132	44	9.241 641	45	0.758 359	9.993 491	1	105	
896	9.235 176	43	9.241 686	45	0.758 314	9.993 490	2	104	
897	9.235 219	44	9.241 731	44	0.758 269	9.993 488	1	103	
898	9.235 263	43	9.241 775	45	0.758 225	9.993 487	1	102	
899	9.235 306	43	9.241 820	45	0.758 180	9.993 486	2	101	
.900	9.235 349		9.241 865		0.758 135	9.993 484		**.100**	
	cos	d	cotg	d	tang	sin	d	**80°**	P.P.

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1	4.5
2	9.0
3	13.5
4	18.0
5	22.5
6	27.0
7	31.5
8	36.0
9	40.5

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3	13.2
4	17.6
5	22.0
6	26.4
7	30.8
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9	39.6

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1	4.3
2	8.6
3	12.9
4	17.2
5	21.5
6	25.8
7	30.1
8	34.4
9	38.7

80°.150 — 80°.100

9°.900 — 9°.950

9°	sin	d	tang	d	cotg	cos	d		P.P.
.900	9.235 349		9.241 865		0.758 135	9.993 484		**.100**	
		44		45			1		
901	9.235 393		9.241 910		0.758 090	9.993 483		099	
		43		44			1		
902	9.235 436		9.241 954		0.758 046	9.993 482		098	
		44		45			2		
903	9.235 480		9.241 999		0.758 001	9.993 480		097	
		43		45			1		
904	9.235 523		9.242 044		0.757 956	9.993 479		096	
		43		45			1		
905	9.235 566		9.242 089		0.757 911	9.993 478		095	
		44		44			2		
906	9.235 610		9.242 133		0.757 867	9.993 476		094	
		43		45			1		
907	9.235 653		9.242 178		0.757 822	9.993 475		093	
		44		45			1		
908	9.235 697		9.242 223		0.757 777	9.993 474		092	
		43		45			1		
909	9.235 740		9.242 268		0.757 732	9.993 473		091	
		43		44			2		
.910	9.235 783		9.242 312		0.757 688	9.993 471		**.090**	
		44		45			1		
911	9.235 827		9.242 357		0.757 643	9.993 470		089	
		43		45			1		
912	9.235 870		9.242 402		0.757 598	9.993 469		088	
		44		44			2		
913	9.235 914		9.242 446		0.757 554	9.993 467		087	
		43		45			1		
914	9.235 957		9.242 491		0.757 509	9.993 466		086	
		43		45			1		
915	9.236 000		9.242 536		0.757 464	9.993 465		085	
		44		44			2		
916	9.236 044		9.242 580		0.757 420	9.993 463		084	
		43		45			1		
917	9.236 087		9.242 625		0.757 375	9.993 462		083	
		43		45			1		
918	9.236 130		9.242 670		0.757 330	9.993 461		082	
		44		44			2		
919	9.236 174		9.242 714		0.757 286	9.993 459		081	
		43		45			1		
.920	9.236 217		9.242 759		0.757 241	9.993 458		**.080**	
		43		45			1		
921	9.236 260		9.242 804		0.757 196	9.993 457		079	
		44		44			2		
922	9.236 304		9.242 848		0.757 152	9.993 455		078	
		43		45			1		
923	9.236 347		9.242 893		0.757 107	9.993 454		077	
		43		45			1		
924	9.236 390		9.242 938		0.757 062	9.993 453		076	
		44		44			2		
925	9.236 434		9.242 982		0.757 018	9.993 451		075	
		43		45			1		
926	9.236 477		9.243 027		0.756 973	9.993 450		074	
		43		45			1		
927	9.236 520		9.243 072		0.756 928	9.993 449		073	
		44		44			2		
928	9.236 564		9.243 116		0.756 884	9.993 447		072	
		43		45			1		
929	9.236 607		9.243 161		0.756 839	9.993 446		071	
		43		45			1		
.930	9.236 650		9.243 206		0.756 794	9.993 445		**.070**	
		44		44			2		
931	9.236 694		9.243 250		0.756 750	9.993 443		069	
		43		45			1		
932	9.236 737		9.243 295		0.756 705	9.993 442		068	
		43		44			1		
933	9.236 780		9.243 339		0.756 661	9.993 441		067	
		43		45			2		
934	9.236 823		9.243 384		0.756 616	9.993 439		066	
		44		45			1		
935	9.236 867		9.243 429		0.756 571	9.993 438		065	
		43		44			1		
936	9.236 910		9.243 473		0.756 527	9.993 437		064	
		43		45			2		
937	9.236 953		9.243 518		0.756 482	9.993 435		063	
		44		44			1		
938	9.236 997		9.243 562		0.756 438	9.993 434		062	
		43		45			1		
939	9.237 040		9.243 607		0.756 393	9.993 433		061	
		43		45			2		
.940	9.237 083		9.243 652		0.756 348	9.993 431		**.060**	
		43		44			1		
941	9.237 126		9.243 696		0.756 304	9.993 430		059	
		44		45			1		
942	9.237 170		9.243 741		0.756 259	9.993 429		058	
		43		44			2		
943	9.237 213		9.243 785		0.756 215	9.993 427		057	
		43		45			1		
944	9.237 256		9.243 830		0.756 170	9.993 426		056	
		43		44			1		
945	9.237 299		9.243 874		0.756 126	9.993 425		055	
		43		45			2		
946	9.237 342		9.243 919		0.756 081	9.993 423		054	
		44		45			1		
947	9.237 386		9.243 964		0.756 036	9.993 422		053	
		43		44			1		
948	9.237 429		9.244 008		0.755 992	9.993 421		052	
		43		45			2		
949	9.237 472		9.244 053		0.755 947	9.993 419		051	
		43		44			1		
.950	9.237 515		9.244 097		0.755 903	9.993 418		**.050**	
	cos	d	cotg	d	tang	sin	d	**80°**	P.P.

	45
1	4.5
2	9.0
3	13.5
4	18.0
5	22.5
6	27.0
7	31.5
8	36.0
9	40.5

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1	4.4
2	8.8
3	13.2
4	17.6
5	22.0
6	26.4
7	30.8
8	35.2
9	39.6

	43
1	4.3
2	8.6
3	12.9
4	17.2
5	21.5
6	25.8
7	30.1
8	34.4
9	38.7

80°.100 — 80°.050

9°.950 — 10°.000

9°	sin	d	tang	d	cotg	cos	d		P.P.
.950	9.237 515		9.244 097		0.755 903	9.993 418		**.050**	
		44		45			1		
951	9.237 559		9.244 142		0.755 858	9.993 417		049	
		43		44			2		
952	9.237 602		9.244 186		0.755 814	9.993 415		048	
		43		45			1		
953	9.237 645		9.244 231		0.755 769	9.993 414		047	
		43		44			1		
954	9.237 688		9.244 275		0.755 725	9.993 413		046	
		43		45			2		
955	9.237 731		9.244 320		0.755 680	9.993 411		045	
		44		44			1		
956	9.237 775		9.244 364		0.755 636	9.993 410		044	
		43		45			1		
957	9.237 818		9.244 409		0.755 591	9.993 409		043	
		43		44			2		
958	9.237 861		9.244 453		0.755 547	9.993 407		042	
		43		45			1		
959	9.237 904		9.244 498		0.755 502	9.993 406		041	
		43		44			1		
.960	9.237 947		9.244 542		0.755 458	9.993 405		**.040**	
		43		45			2		
961	9.237 990		9.244 587		0.755 413	9.993 403		039	
		44		44			1		
962	9.238 034		9.244 631		0.755 369	9.993 402		038	
		43		45			1		
963	9.238 077		9.244 676		0.755 324	9.993 401		037	
		43		44			2		
964	9.238 120		9.244 720		0.755 280	9.993 399		036	
		43		45			1		
965	9.238 163		9.244 765		0.755 235	9.993 398		035	
		43		44			1		
966	9.238 206		9.244 809		0.755 191	9.993 397		034	
		43		45			2		
967	9.238 249		9.244 854		0.755 146	9.993 395		033	
		43		44			1		
968	9.238 292		9.244 898		0.755 102	9.993 394		032	
		44		45			1		
969	9.238 336		9.244 943		0.755 057	9.993 393		031	
		43		44			2		
.970	9.238 379		9.244 987		0.755 013	9.993 391		**.030**	
		43		45			1		
971	9.238 422		9.245 032		0.754 968	9.993 390		029	
		43		44			1		
972	9.238 465		9.245 076		0.754 924	9.993 389		028	
		43		44			2		
973	9.238 508		9.245 120		0.754 880	9.993 387		027	
		43		45			1		
974	9.238 551		9.245 165		0.754 835	9.993 386		026	
		43		44			1		
975	9.238 594		9.245 209		0.754 791	9.993 385		025	
		43		45			2		
976	9.238 637		9.245 254		0.754 746	9.993 383		024	
		43		44			1		
977	9.238 680		9.245 298		0.754 702	9.993 382		023	
		43		45			1		
978	9.238 723		9.245 343		0.754 657	9.993 381		022	
		44		44			2		
979	9.238 767		9.245 387		0.754 613	9.993 379		021	
		43		44			1		
.980	9.238 810		9.245 431		0.754 569	9.993 378		**.020**	
		43		45			1		
981	9.238 853		9.245 476		0.754 524	9.993 377		019	
		43		44			2		
982	9.238 896		9.245 520		0.754 480	9.993 375		018	
		43		45			1		
983	9.238 939		9.245 565		0.754 435	9.993 374		017	
		43		44			1		
984	9.238 982		9.245 609		0.754 391	9.993 373		016	
		43		44			2		
985	9.239 025		9.245 653		0.754 347	9.993 371		015	
		43		45			1		
986	9.239 068		9.245 698		0.754 302	9.993 370		014	
		43		44			1		
987	9.239 111		9.245 742		0.754 258	9.993 369		013	
		43		45			2		
988	9.239 154		9.245 787		0.754 213	9.993 367		012	
		43		44			1		
989	9.239 197		9.245 831		0.754 169	9.993 366		011	
		43		44			1		
.990	9.239 240		9.245 875		0.754 125	9.993 365		**.010**	
		43		45			2		
991	9.239 283		9.245 920		0.754 080	9.993 363		009	
		43		44			1		
992	9.239 326		9.245 964		0.754 036	9.993 362		008	
		43		44			1		
993	9.239 369		9.246 008		0.753 992	9.993 361		007	
		43		45			2		
994	9.239 412		9.246 053		0.753 947	9.993 359		006	
		43		44			1		
995	9.239 455		9.246 097		0.753 903	9.993 358		005	
		43		44			1		
996	9.239 498		9.246 141		0.753 859	9.993 357		004	
		43		45			2		
997	9.239 541		9.246 186		0.753 814	9.993 355		003	
		43		44			1		
998	9.239 584		9.246 230		0.753 770	9.993 354		002	
		43		44			1		
999	9.239 627		9.246 274		0.753 726	9.993 353		001	
		43		45			2		
***.000**	9.239 670		9.246 319		0.753 681	9.993 351		**.000**	
	cos	d	cotg	d	tang	sin	d	**80°**	P.P.

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3	12.9
4	17.2
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6	25.8
7	30.1
8	34.4
9	38.7

80°.050 — 80°.000

10°.000 — 10°.050

10°	sin	d	tang	d	cotg	cos	d		P.P.
.000	9.239 670	43	9.246 319	44	0.753 681	9.993 351	1	***000**	
001	9.239 713	43	9.246 363	44	0.753 637	9.993 350	1	999	
002	9.239 756	43	9.246 407	45	0.753 593	9.993 349	2	998	
003	9.239 799	43	9.246 452	44	0.753 548	9.993 347	1	997	
004	9.239 842	43	9.246 496	44	0.753 504	9.993 346	1	996	45
005	9.239 885	43	9.246 540	45	0.753 460	9.993 345	2	995	1 4.5
006	9.239 928	43	9.246 585	44	0.753 415	9.993 343	1	994	2 9.0
007	9.239 971	43	9.246 629	44	0.753 371	9.993 342	1	993	3 13.5
008	9.240 014	43	9.246 673	45	0.753 327	9.993 341	2	992	4 18.0
009	9.240 057	43	9.246 718	44	0.753 282	9.993 339	1	991	5 22.5
.010	9.240 100	43	9.246 762	44	0.753 238	9.993 338	1	**.990**	6 27.0
011	9.240 143	43	9.246 806	44	0.753 194	9.993 337	2	989	7 31.5
012	9.240 186	43	9.246 850	45	0.753 150	9.993 335	1	988	8 36.0
013	9.240 229	43	9.246 895	44	0.753 105	9.993 334	1	987	9 40.5
014	9.240 272	43	9.246 939	44	0.753 061	9.993 333	2	986	
015	9.240 315	43	9.246 983	44	0.753 017	9.993 331	1	985	44
016	9.240 357	42	9.247 027	45	0.752 973	9.993 330	1	984	1 4.4
017	9.240 400	43	9.247 072	44	0.752 928	9.993 329	2	983	2 8.8
018	9.240 443	43	9.247 116	44	0.752 884	9.993 327	1	982	3 13.2
019	9.240 486	43	9.247 160	44	0.752 840	9.993 326	1	981	4 17.6
.020	9.240 529	43	9.247 204	45	0.752 796	9.993 325	2	**.980**	5 22.0
021	9.240 572	43	9.247 249	44	0.752 751	9.993 323	1	979	6 26.4
022	9.240 615	43	9.247 293	44	0.752 707	9.993 322	1	978	7 30.8
023	9.240 658	43	9.247 337	44	0.752 663	9.993 321	2	977	8 35.2
024	9.240 701	43	9.247 381	45	0.752 619	9.993 319	1	976	9 39.6
025	9.240 744	43	9.247 426	44	0.752 574	9.993 318	1	975	
026	9.240 786	42	9.247 470	44	0.752 530	9.993 317	2	974	
027	9.240 829	43	9.247 514	44	0.752 486	9.993 315	1	973	43
028	9.240 872	43	9.247 558	44	0.752 442	9.993 314	1	972	1 4.3
029	9.240 915	43	9.247 602	45	0.752 398	9.993 313	2	971	2 8.6
.030	9.240 958	43	9.247 647	44	0.752 353	9.993 311	1	**.970**	3 12.9
031	9.241 001	43	9.247 691	44	0.752 309	9.993 310	1	969	4 17.2
032	9.241 044	42	9.247 735	44	0.752 265	9.993 309	2	968	5 21.5
033	9.241 086	43	9.247 779	44	0.752 221	9.993 307	1	967	6 25.8
034	9.241 129	43	9.247 823	45	0.752 177	9.993 306	1	966	7 30.1
035	9.241 172	43	9.247 868	44	0.752 132	9.993 305	2	965	8 34.4
036	9.241 215	43	9.247 912	44	0.752 088	9.993 303	1	964	9 38.7
037	9.241 258	43	9.247 956	44	0.752 044	9.993 302	1	963	
038	9.241 301	42	9.248 000	44	0.752 000	9.993 301	2	962	
039	9.241 343	43	9.248 044	44	0.751 956	9.993 299	1	961	42
.040	9.241 386	43	9.248 088	44	0.751 912	9.993 298	1	**.960**	1 4.2
041	9.241 429	43	9.248 132	45	0.751 868	9.993 297	2	959	2 8.4
042	9.241 472	43	9.248 177	44	0.751 823	9.993 295	1	958	3 12.6
043	9.241 515	42	9.248 221	44	0.751 779	9.993 294	1	957	4 16.8
044	9.241 557	43	9.248 265	44	0.751 735	9.993 293	2	956	5 21.0
045	9.241 600	43	9.248 309	44	0.751 691	9.993 291	1	955	6 25.2
046	9.241 643	43	9.248 353	44	0.751 647	9.993 290	2	954	7 29.4
047	9.241 686	43	9.248 397	44	0.751 603	9.993 288	1	953	8 33.6
048	9.241 729	42	9.248 441	45	0.751 559	9.993 287	1	952	9 37.8
049	9.241 771	43	9.248 486	44	0.751 514	9.993 286	2	951	
.050	9.241 814		9.248 530		0.751 470	9.993 284		**.950**	
	cos	d	cotg	d	tang	sin	d	**79°**	P.P.

80°.000 — 79°.950

10°.050 — 10°.100

10°	sin	d	tang	d	cotg	cos	d		P.P.
.050	9.241 814	43	9.248 530	44	0.751 470	9.993 284	1	**.950**	
051	9.241 857	43	9.248 574	44	0.751 426	9.993 283	1	949	
052	9.241 900	42	9.248 618	44	0.751 382	9.993 282	2	948	
053	9.241 942	43	9.248 662	44	0.751 338	9.993 280	1	947	
054	9.241 985	43	9.248 706	44	0.751 294	9.993 279	1	946	
055	9.242 028	43	9.248 750	44	0.751 250	9.993 278	2	945	
056	9.242 071	42	9.248 794	44	0.751 206	9.993 276	1	944	
057	9.242 113	43	9.248 838	44	0.751 162	9.993 275	1	943	
058	9.242 156	43	9.248 882	45	0.751 118	9.993 274	2	942	
059	9.242 199	43	9.248 927	44	0.751 073	9.993 272	1	941	
.060	9.242 242	42	9.248 971	44	0.751 029	9.993 271	1	**.940**	
061	9.242 284	43	9.249 015	44	0.750 985	9.993 270	2	939	
062	9.242 327	43	9.249 059	44	0.750 941	9.993 268	1	938	
063	9.242 370	42	9.249 103	44	0.750 897	9.993 267	1	937	
064	9.242 412	43	9.249 147	44	0.750 853	9.993 266	2	936	
065	9.242 455	43	9.249 191	44	0.750 809	9.993 264	1	935	
066	9.242 498	43	9.249 235	44	0.750 765	9.993 263	1	934	
067	9.242 541	42	9.249 279	44	0.750 721	9.993 262	2	933	
068	9.242 583	43	9.249 323	44	0.750 677	9.993 260	1	932	
069	9.242 626	43	9.249 367	44	0.750 633	9.993 259	1	931	
.070	9.242 669	42	9.249 411	44	0.750 589	9.993 258	2	**.930**	
071	9.242 711	43	9.249 455	44	0.750 545	9.993 256	1	929	
072	9.242 754	43	9.249 499	44	0.750 501	9.993 255	1	928	
073	9.242 797	42	9.249 543	44	0.750 457	9.993 254	2	927	
074	9.242 839	43	9.249 587	44	0.750 413	9.993 252	1	926	
075	9.242 882	43	9.249 631	44	0.750 369	9.993 251	2	925	
076	9.242 925	42	9.249 675	44	0.750 325	9.993 249	1	924	
077	9.242 967	43	9.249 719	44	0.750 281	9.993 248	1	923	
078	9.243 010	43	9.249 763	44	0.750 237	9.993 247	2	922	
079	9.243 053	42	9.249 807	44	0.750 193	9.993 245	1	921	
.080	9.243 095	43	9.249 851	44	0.750 149	9.993 244	1	**.920**	
081	9.243 138	43	9.249 895	44	0.750 105	9.993 243	2	919	
082	9.243 181	42	9.249 939	44	0.750 061	9.993 241	1	918	
083	9.243 223	43	9.249 983	44	0.750 017	9.993 240	1	917	
084	9.243 266	42	9.250 027	44	0.749 973	9.993 239	2	916	
085	9.243 308	43	9.250 071	44	0.749 929	9.993 237	1	915	
086	9.243 351	43	9.250 115	44	0.749 885	9.993 236	1	914	
087	9.243 394	42	9.250 159	44	0.749 841	9.993 235	2	913	
088	9.243 436	43	9.250 203	44	0.749 797	9.993 233	1	912	
089	9.243 479	42	9.250 247	44	0.749 753	9.993 232	1	911	
.090	9.243 521	43	9.250 291	44	0.749 709	9.993 231	2	**.910**	
091	9.243 564	43	9.250 335	44	0.749 665	9.993 229	1	909	
092	9.243 607	42	9.250 379	44	0.749 621	9.993 228	1	908	
093	9.243 649	43	9.250 423	44	0.749 577	9.993 227	2	907	
094	9.243 692	42	9.250 467	44	0.749 533	9.993 225	1	906	
095	9.243 734	43	9.250 511	43	0.749 489	9.993 224	1	905	
096	9.243 777	43	9.250 554	44	0.749 446	9.993 223	2	904	
097	9.243 820	42	9.250 598	44	0.749 402	9.993 221	1	903	
098	9.243 862	43	9.250 642	44	0.749 358	9.993 220	2	902	
099	9.243 905	42	9.250 686	44	0.749 314	9.993 218	1	901	
.100	9.243 947		9.250 730		0.749 270	9.993 217		**.900**	
	cos	d	cotg	d	tang	sin	d	**79°**	P.P.

	45
1	4.5
2	9.0
3	13.5
4	18.0
5	22.5
6	27.0
7	31.5
8	36.0
9	40.5

	44
1	4.4
2	8.8
3	13.2
4	17.6
5	22.0
6	26.4
7	30.8
8	35.2
9	39.6

	43
1	4.3
2	8.6
3	12.9
4	17.2
5	21.5
6	25.8
7	30.1
8	34.4
9	38.7

	42
1	4.2
2	8.4
3	12.6
4	16.8
5	21.0
6	25.2
7	29.4
8	33.6
9	37.8

79°.950 — 79°.900

10°.100 — 10°.150

10°	sin	d	tang	d	cotg	cos	d		P.P.
.100	9.243 947	43	9.250 730	44	0.749 270	9.993 217	1	**.900**	
101	9.243 990	42	9.250 774	44	0.749 226	9.993 216	2	899	
102	9.244 032	43	9.250 818	44	0.749 182	9.993 214	1	898	
103	9.244 075	42	9.250 862	44	0.749 138	9.993 213	1	897	
104	9.244 117	43	9.250 906	44	0.749 094	9.993 212	2	896	
105	9.244 160	42	9.250 950	43	0.749 050	9.993 210	1	895	
106	9.244 202	43	9.250 993	44	0.749 007	9.993 209	1	894	
107	9.244 245	42	9.251 037	44	0.748 963	9.993 208	2	893	
108	9.244 287	43	9.251 081	44	0.748 919	9.993 206	1	892	
109	9.244 330	43	9.251 125	44	0.748 875	9.993 205	1	891	
.110	9.244 373	42	9.251 169	44	0.748 831	9.993 204	2	**.890**	
111	9.244 415	43	9.251 213	44	0.748 787	9.993 202	1	889	
112	9.244 458	42	9.251 257	43	0.748 743	9.993 201	1	888	
113	9.244 500	43	9.251 300	44	0.748 700	9.993 200	2	887	
114	9.244 543	42	9.251 344	44	0.748 656	9.993 198	1	886	
115	9.244 585	42	9.251 388	44	0.748 612	9.993 197	1	885	
116	9.244 627	43	9.251 432	44	0.748 568	9.993 196	2	884	
117	9.244 670	42	9.251 476	44	0.748 524	9.993 194	1	883	
118	9.244 712	43	9.251 520	43	0.748 480	9.993 193	2	882	
119	9.244 755	42	9.251 563	44	0.748 437	9.993 191	1	881	
.120	9.244 797	43	9.251 607	44	0.748 393	9.993 190	1	**.880**	
121	9.244 840	42	9.251 651	44	0.748 349	9.993 189	2	879	
122	9.244 882	43	9.251 695	44	0.748 305	9.993 187	1	878	
123	9.244 925	42	9.251 739	44	0.748 261	9.993 186	1	877	
124	9.244 967	43	9.251 783	43	0.748 217	9.993 185	2	876	
125	9.245 010	42	9.251 826	44	0.748 174	9.993 183	1	875	
126	9.245 052	43	9.251 870	44	0.748 130	9.993 182	1	874	
127	9.245 095	42	9.251 914	44	0.748 086	9.993 181	2	873	
128	9.245 137	42	9.251 958	44	0.748 042	9.993 179	1	872	
129	9.245 179	43	9.252 002	43	0.747 998	9.993 178	1	871	
.130	9.245 222	42	9.252 045	44	0.747 955	9.993 177	2	**.870**	
131	9.245 264	43	9.252 089	44	0.747 911	9.993 175	1	869	
132	9.245 307	42	9.252 133	44	0.747 867	9.993 174	2	868	
133	9.245 349	43	9.252 177	43	0.747 823	9.993 172	1	867	
134	9.245 392	42	9.252 220	44	0.747 780	9.993 171	1	866	
135	9.245 434	42	9.252 264	44	0.747 736	9.993 170	2	865	
136	9.245 476	43	9.252 308	44	0.747 692	9.993 168	1	864	
137	9.245 519	42	9.252 352	43	0.747 648	9.993 167	1	863	
138	9.245 561	43	9.252 395	44	0.747 605	9.993 166	2	862	
139	9.245 604	42	9.252 439	44	0.747 561	9.993 164	1	861	
.140	9.245 646	42	9.252 483	44	0.747 517	9.993 163	1	**.860**	
141	9.245 688	43	9.252 527	43	0.747 473	9.993 162	2	859	
142	9.245 731	42	9.252 570	44	0.747 430	9.993 160	1	858	
143	9.245 773	42	9.252 614	44	0.747 386	9.993 159	1	857	
144	9.245 815	43	9.252 658	44	0.747 342	9.993 158	2	856	
145	9.245 858	42	9.252 702	43	0.747 298	9.993 156	1	855	
146	9.245 900	42	9.252 745	44	0.747 255	9.993 155	1	854	
147	9.245 942	43	9.252 789	44	0.747 211	9.993 154	2	853	
148	9.245 985	42	9.252 833	43	0.747 167	9.993 152	1	852	
149	9.246 027	42	9.252 876	44	0.747 124	9.993 151	2	851	
.150	9.246 069		9.252 920		0.747 080	9.993 149		**.850**	
	cos	d	cotg	d	tang	sin	d	**79°**	P.P.

	44
1	4.4
2	8.8
3	13.2
4	17.6
5	22.0
6	26.4
7	30.8
8	35.2
9	39.6

	43
1	4.3
2	8.6
3	12.9
4	17.2
5	21.5
6	25.8
7	30.1
8	34.4
9	38.7

	42
1	4.2
2	8.4
3	12.6
4	16.8
5	21.0
6	25.2
7	29.4
8	33.6
9	37.8

79°.900 — 79°.850

10°.150 — 10°.200

10°	sin	d	tang	d	cotg	cos	d		P.P.
.150	9.246 069		9.252 920		0.747 080	9.993 149		**.850**	
		43		44			1		
151	9.246 112		9.252 964		0.747 036	9.993 148		849	
		42		43			1		
152	9.246 154		9.253 007		0.746 993	9.993 147		848	
		42		44			2		
153	9.246 196		9.253 051		0.746 949	9.993 145		847	
		43		44			1		
154	9.246 239		9.253 095		0.746 905	9.993 144		846	
		42		43			1		
155	9.246 281		9.253 138		0.746 862	9.993 143		845	
		42		44			2		
156	9.246 323		9.253 182		0.746 818	9.993 141		844	
		43		44			1		
157	9.246 366		9.253 226		0.746 774	9.993 140		843	
		42		43			1		
158	9.246 408		9.253 269		0.746 731	9.993 139		842	
		42		44			2		
159	9.246 450		9.253 313		0.746 687	9.993 137		841	
		43		44			1		
.160	9.246 493		9.253 357		0.746 643	9.993 136		**.840**	
		42		43			1		
161	9.246 535		9.253 400		0.746 600	9.993 135		839	
		42		44			2		
162	9.246 577		9.253 444		0.746 556	9.993 133		838	
		43		44			1		
163	9.246 620		9.253 488		0.746 512	9.993 132		837	
		42		43			2		
164	9.246 662		9.253 531		0.746 469	9.993 130		836	
		42		44			1		
165	9.246 704		9.253 575		0.746 425	9.993 129		835	
		42		44			1		
166	9.246 746		9.253 619		0.746 381	9.993 128		834	
		43		43			2		
167	9.246 789		9.253 662		0.746 338	9.993 126		833	
		42		44			1		
168	9.246 831		9.253 706		0.746 294	9.993 125		832	
		42		44			1		
169	9.246 873		9.253 750		0.746 250	9.993 124		831	
		42		43			2		
.170	9.246 915		9.253 793		0.746 207	9.993 122		**.830**	
		43		44			1		
171	9.246 958		9.253 837		0.746 163	9.993 121		829	
		42		43			1		
172	9.247 000		9.253 880		0.746 120	9.993 120		828	
		42		44			2		
173	9.247 042		9.253 924		0.746 076	9.993 118		827	
		42		44			1		
174	9.247 084		9.253 968		0.746 032	9.993 117		826	
		43		43			2		
175	9.247 127		9.254 011		0.745 989	9.993 115		825	
		42		44			1		
176	9.247 169		9.254 055		0.745 945	9.993 114		824	
		42		43			1		
177	9.247 211		9.254 098		0.745 902	9.993 113		823	
		42		44			2		
178	9.247 253		9.254 142		0.745 858	9.993 111		822	
		43		44			1		
179	9.247 296		9.254 186		0.745 814	9.993 110		821	
		42		43			1		
.180	9.247 338		9.254 229		0.745 771	9.993 109		**.820**	
		42		44			2		
181	9.247 380		9.254 273		0.745 727	9.993 107		819	
		42		43			1		
182	9.247 422		9.254 316		0.745 684	9.993 106		818	
		42		44			1		
183	9.247 464		9.254 360		0.745 640	9.993 105		817	
		43		43			2		
184	9.247 507		9.254 403		0.745 597	9.993 103		816	
		42		44			1		
185	9.247 549		9.254 447		0.745 553	9.993 102		815	
		42		43			1		
186	9.247 591		9.254 490		0.745 510	9.993 101		814	
		42		44			2		
187	9.247 633		9.254 534		0.745 466	9.993 099		813	
		42		44			1		
188	9.247 675		9.254 578		0.745 422	9.993 098		812	
		42		43			2		
189	9.247 717		9.254 621		0.745 379	9.993 096		811	
		43		44			1		
.190	9.247 760		9.254 665		0.745 335	9.993 095		**.810**	
		42		43			1		
191	9.247 802		9.254 708		0.745 292	9.993 094		809	
		42		44			2		
192	9.247 844		9.254 752		0.745 248	9.993 092		808	
		42		43			1		
193	9.247 886		9.254 795		0.745 205	9.993 091		807	
		42		44			1		
194	9.247 928		9.254 839		0.745 161	9.993 090		806	
		42		43			2		
195	9.247 970		9.254 882		0.745 118	9.993 088		805	
		43		44			1		
196	9.248 013		9.254 926		0.745 074	9.993 087		804	
		42		43			1		
197	9.248 055		9.254 969		0.745 031	9.993 086		803	
		42		44			2		
198	9.248 097		9.255 013		0.744 987	9.993 084		802	
		42		43			1		
199	9.248 139		9.255 056		0.744 944	9.993 083		801	
		42		44			2		
.200	9.248 181		9.255 100		0.744 900	9.993 081		**.800**	
	cos	d	cotg	d	tang	sin	d	**79°**	P.P.

	44
1	4.4
2	8.8
3	13.2
4	17.6
5	22.0
6	26.4
7	30.8
8	35.2
9	39.6

	43
1	4.3
2	8.6
3	12.9
4	17.2
5	21.5
6	25.8
7	30.1
8	34.4
9	38.7

	42
1	4.2
2	8.4
3	12.6
4	16.8
5	21.0
6	25.2
7	29.4
8	33.6
9	37.8

79°.850 — 79°.800

10°.200 — 10°.250

10°	sin	d	tang	d	cotg	cos	d		P.P.
.200	9.248 181		9.255 100		0.744 900	9.993 081		**.800**	
		42		43			1		
201	9.248 223		9.255 143		0.744 857	9.993 080		799	
		42		44			1		
202	9.248 265		9.255 187		0.744 813	9.993 079		798	
		43		43			2		
203	9.248 308		9.255 230		0.744 770	9.993 077		797	
		42		44			1		
204	9.248 350		9.255 274		0.744 726	9.993 076		796	
		42		43			1		
205	9.248 392		9.255 317		0.744 683	9.993 075		795	
		42		44			2		
206	9.248 434		9.255 361		0.744 639	9.993 073		794	
		42		43			1		
207	9.248 476		9.255 404		0.744 596	9.993 072		793	
		42		44			1		
208	9.248 518		9.255 448		0.744 552	9.993 071		792	
		42		43			2		
209	9.248 560		9.255 491		0.744 509	9.993 069		791	
		42		43			1		
.210	9.248 602		9.255 534		0.744 466	9.993 068		**.790**	
		42		44			2		
211	9.248 644		9.255 578		0.744 422	9.993 066		789	
		42		43			1		
212	9.248 686		9.255 621		0.744 379	9.993 065		788	
		42		44			1		
213	9.248 728		9.255 665		0.744 335	9.993 064		787	
		43		43			2		
214	9.248 771		9.255 708		0.744 292	9.993 062		786	
		42		44			1		
215	9.248 813		9.255 752		0.744 248	9.993 061		785	
		42		43			1		
216	9.248 855		9.255 795		0.744 205	9.993 060		784	
		42		43			2		
217	9.248 897		9.255 838		0.744 162	9.993 058		783	
		42		44			1		
218	9.248 939		9.255 882		0.744 118	9.993 057		782	
		42		43			2		
219	9.248 981		9.255 925		0.744 075	9.993 055		781	
		42		44			1		
.220	9.249 023		9.255 969		0.744 031	9.993 054		**.780**	
		42		43			1		
221	9.249 065		9.256 012		0.743 988	9.993 053		779	
		42		44			2		
222	9.249 107		9.256 056		0.743 944	9.993 051		778	
		42		43			1		
223	9.249 149		9.256 099		0.743 901	9.993 050		777	
		42		43			1		
224	9.249 191		9.256 142		0.743 858	9.993 049		776	
		42		44			2		
225	9.249 233		9.256 186		0.743 814	9.993 047		775	
		42		43			1		
226	9.249 275		9.256 229		0.743 771	9.993 046		774	
		42		43			1		
227	9.249 317		9.256 272		0.743 728	9.993 045		773	
		42		44			2		
228	9.249 359		9.256 316		0.743 684	9.993 043		772	
		42		43			1		
229	9.249 401		9.256 359		0.743 641	9.993 042		771	
		42		44			2		
.230	9.249 443		9.256 403		0.743 597	9.993 040		**.770**	
		42		43			1		
231	9.249 485		9.256 446		0.743 554	9.993 039		769	
		42		43			1		
232	9.249 527		9.256 489		0.743 511	9.993 038		768	
		42		44			2		
233	9.249 569		9.256 533		0.743 467	9.993 036		767	
		42		43			1		
234	9.249 611		9.256 576		0.743 424	9.993 035		766	
		42		43			1		
235	9.249 653		9.256 619		0.743 381	9.993 034		765	
		42		44			2		
236	9.249 695		9.256 663		0.743 337	9.993 032		764	
		42		43			1		
237	9.249 737		9.256 706		0.743 294	9.993 031		763	
		42		43			2		
238	9.249 779		9.256 749		0.743 251	9.993 029		762	
		42		44			1		
239	9.249 821		9.256 793		0.743 207	9.993 028		761	
		42		43			1		
.240	9.249 863		9.256 836		0.743 164	9.993 027		**.760**	
		42		43			2		
241	9.249 905		9.256 879		0.743 121	9.993 025		759	
		42		44			1		
242	9.249 947		9.256 923		0.743 077	9.993 024		758	
		42		43			1		
243	9.249 989		9.256 966		0.743 034	9.993 023		757	
		42		43			2		
244	9.250 031		9.257 009		0.742 991	9.993 021		756	
		42		44			1		
245	9.250 073		9.257 053		0.742 947	9.993 020		755	
		42		43			1		
246	9.250 115		9.257 096		0.742 904	9.993 019		754	
		41		43			2		
247	9.250 156		9.257 139		0.742 861	9.993 017		753	
		42		44			1		
248	9.250 198		9.257 183		0.742 817	9.993 016		752	
		42		43			2		
249	9.250 240		9.257 226		0.742 774	9.993 014		751	
		42		43			1		
.250	9.250 282		9.257 269		0.742 731	9.993 013		**.750**	
	cos	d	cotg	d	tang	sin	d	**79°**	P.P.

	44
1	4.4
2	8.8
3	13.2
4	17.6
5	22.0
6	26.4
7	30.8
8	35.2
9	39.6

	43
1	4.3
2	8.6
3	12.9
4	17.2
5	21.5
6	25.8
7	30.1
8	34.4
9	38.7

	42
1	4.2
2	8.4
3	12.6
4	16.8
5	21.0
6	25.2
7	29.4
8	33.6
9	37.8

	41
1	4.1
2	8.2
3	12.3
4	16.4
5	20.5
6	24.6
7	28.7
8	32.8
9	36.9

79°.800 — 79°.750

10°.250 — 10°.300

10°	sin	d	tang	d	cotg	cos	d		P.P.
.250	9.250 282	42	9.257 269	43	0.742 731	9.993 013	1	**.750**	
251	9.250 324	42	9.257 312	44	0.742 688	9.993 012	2	749	
252	9.250 366	42	9.257 356	43	0.742 644	9.993 010	1	748	
253	9.250 408	42	9.257 399	43	0.742 601	9.993 009	1	747	
254	9.250 450	42	9.257 442	44	0.742 558	9.993 008	2	746	
255	9.250 492	42	9.257 486	43	0.742 514	9.993 006	1	745	
256	9.250 534	42	9.257 529	43	0.742 471	9.993 005	2	744	
257	9.250 576	41	9.257 572	43	0.742 428	9.993 003	1	743	
258	9.250 617	42	9.257 615	44	0.742 385	9.993 002	1	742	
259	9.250 659	42	9.257 659	43	0.742 341	9.993 001	2	741	
.260	9.250 701	42	9.257 702	43	0.742 298	9.992 999	1	**.740**	
261	9.250 743	42	9.257 745	43	0.742 255	9.992 998	1	739	
262	9.250 785	42	9.257 788	44	0.742 212	9.992 997	2	738	
263	9.250 827	42	9.257 832	43	0.742 168	9.992 995	1	737	
264	9.250 869	42	9.257 875	43	0.742 125	9.992 994	2	736	
265	9.250 911	41	9.257 918	43	0.742 082	9.992 992	1	735	
266	9.250 952	42	9.257 961	43	0.742 039	9.992 991	1	734	
267	9.250 994	42	9.258 004	44	0.741 996	9.992 990	2	733	
268	9.251 036	42	9.258 048	43	0.741 952	9.992 988	1	732	
269	9.251 078	42	9.258 091	43	0.741 909	9.992 987	1	731	
.270	9.251 120	42	9.258 134	43	0.741 866	9.992 986	2	**.730**	
271	9.251 162	41	9.258 177	44	0.741 823	9.992 984	1	729	
272	9.251 203	42	9.258 221	43	0.741 779	9.992 983	2	728	
273	9.251 245	42	9.258 264	43	0.741 736	9.992 981	1	727	
274	9.251 287	42	9.258 307	43	0.741 693	9.992 980	1	726	
275	9.251 329	42	9.258 350	43	0.741 650	9.992 979	2	725	
276	9.251 371	41	9.258 393	43	0.741 607	9.992 977	1	724	
277	9.251 412	42	9.258 436	44	0.741 564	9.992 976	1	723	
278	9.251 454	42	9.258 480	43	0.741 520	9.992 975	2	722	
279	9.251 496	42	9.258 523	43	0.741 477	9.992 973	1	721	
.280	9.251 538	42	9.258 566	43	0.741 434	9.992 972	1	**.720**	
281	9.251 580	41	9.258 609	43	0.741 391	9.992 971	2	719	
282	9.251 621	42	9.258 652	43	0.741 348	9.992 969	1	718	
283	9.251 663	42	9.258 695	44	0.741 305	9.992 968	2	717	
284	9.251 705	42	9.258 739	43	0.741 261	9.992 966	1	716	
285	9.251 747	42	9.258 782	43	0.741 218	9.992 965	1	715	
286	9.251 789	41	9.258 825	43	0.741 175	9.992 964	2	714	
287	9.251 830	42	9.258 868	43	0.741 132	9.992 962	1	713	
288	9.251 872	42	9.258 911	43	0.741 089	9.992 961	1	712	
289	9.251 914	42	9.258 954	43	0.741 046	9.992 960	2	711	
.290	9.251 956	41	9.258 997	44	0.741 003	9.992 958	1	**.710**	
291	9.251 997	42	9.259 041	43	0.740 959	9.992 957	2	709	
292	9.252 039	42	9.259 084	43	0.740 916	9.992 955	1	708	
293	9.252 081	42	9.259 127	43	0.740 873	9.992 954	1	707	
294	9.252 123	41	9.259 170	43	0.740 830	9.992 953	2	706	
295	9.252 164	42	9.259 213	43	0.740 787	9.992 951	1	705	
296	9.252 206	42	9.259 256	43	0.740 744	9.992 950	2	704	
297	9.252 248	41	9.259 299	43	0.740 701	9.992 948	1	703	
298	9.252 289	42	9.259 342	43	0.740 658	9.992 947	1	702	
299	9.252 331	42	9.259 385	44	0.740 615	9.992 946	2	701	
.300	9.252 373		9.259 429		0.740 571	9.992 944		**.700**	
	cos	d	cotg	d	tang	sin	d	**79°**	P.P.

	44
1	4.4
2	8.8
3	13.2
4	17.6
5	22.0
6	26.4
7	30.8
8	35.2
9	39.6

	43
1	4.3
2	8.6
3	12.9
4	17.2
5	21.5
6	25.8
7	30.1
8	34.4
9	38.7

	42
1	4.2
2	8.4
3	12.6
4	16.8
5	21.0
6	25.2
7	29.4
8	33.6
9	37.8

	41
1	4.1
2	8.2
3	12.3
4	16.4
5	20.5
6	24.6
7	28.7
8	32.8
9	36.9

79°.750 — 79°.700

10°.300 — 10°.350

10°	sin	d	tang	d	cotg	cos	d		P.P.
.300	9.252 373	42	9.259 429	43	0.740 571	9.992 944	1	**.700**	
301	9.252 415	41	9.259 472	43	0.740 528	9.992 943	1	699	
302	9.252 456	42	9.259 515	43	0.740 485	9.992 942	2	698	
303	9.252 498	42	9.259 558	43	0.740 442	9.992 940	1	697	
304	9.252 540	41	9.259 601	43	0.740 399	9.992 939	2	696	
305	9.252 581	42	9.259 644	43	0.740 356	9.992 937	1	695	
306	9.252 623	42	9.259 687	43	0.740 313	9.992 936	1	694	
307	9.252 665	41	9.259 730	43	0.740 270	9.992 935	2	693	43
308	9.252 706	42	9.259 773	43	0.740 227	9.992 933	1	692	1 4.3
309	9.252 748	42	9.259 816	43	0.740 184	9.992 932	1	691	2 8.6
.310	9.252 790	41	9.259 859	43	0.740 141	9.992 931	2	**.690**	3 12.9
311	9.252 831	42	9.259 902	43	0.740 098	9.992 929	1	689	4 17.2
312	9.252 873	42	9.259 945	43	0.740 055	9.992 928	2	688	5 21.5
313	9.252 915	41	9.259 988	43	0.740 012	9.992 926	1	687	6 25.8
314	9.252 956	42	9.260 031	43	0.739 969	9.992 925	1	686	7 30.1
315	9.252 998	42	9.260 074	43	0.739 926	9.992 924	2	685	8 34.4
316	9.253 040	41	9.260 117	43	0.739 883	9.992 922	1	684	9 38.7
317	9.253 081	42	9.260 160	43	0.739 840	9.992 921	1	683	
318	9.253 123	42	9.260 203	43	0.739 797	9.992 920	2	682	
319	9.253 165	41	9.260 246	43	0.739 754	9.992 918	1	681	
.320	9.253 206	42	9.260 289	43	0.739 711	9.992 917	2	**.680**	
321	9.253 248	41	9.260 332	43	0.739 668	9.992 915	1	679	42
322	9.253 289	42	9.260 375	43	0.739 625	9.992 914	1	678	1 4.2
323	9.253 331	42	9.260 418	43	0.739 582	9.992 913	2	677	2 8.4
324	9.253 373	41	9.260 461	43	0.739 539	9.992 911	1	676	3 12.6
325	9.253 414	42	9.260 504	43	0.739 496	9.992 910	2	675	4 16.8
326	9.253 456	42	9.260 547	43	0.739 453	9.992 908	1	674	5 21.0
327	9.253 498	41	9.260 590	43	0.739 410	9.992 907	1	673	6 25.2
328	9.253 539	42	9.260 633	43	0.739 367	9.992 906	2	672	7 29.4
329	9.253 581	41	9.260 676	43	0.739 324	9.992 904	1	671	8 33.6
.330	9.253 622	42	9.260 719	43	0.739 281	9.992 903	1	**.670**	9 37.8
331	9.253 664	41	9.260 762	43	0.739 238	9.992 902	2	669	
332	9.253 705	42	9.260 805	43	0.739 195	9.992 900	1	668	
333	9.253 747	42	9.260 848	43	0.739 152	9.992 899	2	667	
334	9.253 789	41	9.260 891	43	0.739 109	9.992 897	1	666	
335	9.253 830	42	9.260 934	43	0.739 066	9.992 896	1	665	
336	9.253 872	41	9.260 977	43	0.739 023	9.992 895	2	664	41
337	9.253 913	42	9.261 020	43	0.738 980	9.992 893	1	663	1 4.1
338	9.253 955	41	9.261 063	43	0.738 937	9.992 892	1	662	2 8.2
339	9.253 996	42	9.261 106	43	0.738 894	9.992 891	2	661	3 12.3
.340	9.254 038	42	9.261 149	43	0.738 851	9.992 889	1	**.660**	4 16.4
341	9.254 080	41	9.261 192	43	0.738 808	9.992 888	2	659	5 20.5
342	9.254 121	42	9.261 235	43	0.738 765	9.992 886	1	658	6 24.6
343	9.254 163	41	9.261 278	42	0.738 722	9.992 885	1	657	7 28.7
344	9.254 204	42	9.261 320	43	0.738 680	9.992 884	2	656	8 32.8
345	9.254 246	41	9.261 363	43	0.738 637	9.992 882	1	655	9 36.9
346	9.254 287	42	9.261 406	43	0.738 594	9.992 881	2	654	
347	9.254 329	41	9.261 449	43	0.738 551	9.992 879	1	653	
348	9.254 370	42	9.261 492	43	0.738 508	9.992 878	1	652	
349	9.254 412	41	9.261 535	43	0.738 465	9.992 877	2	651	
.350	9.254 453		9.261 578		0.738 422	9.992 875		**.650**	
	cos	d	cotg	d	tang	sin	d	**79°**	P.P.

79°.700 — 79°.650

10°.350 — 10°.400

10°	sin	d	tang	d	cotg	cos	d		P.P.
.350	9.254 453	42	9.261 578	43	0.738 422	9.992 875	1	**.650**	
351	9.254 495	41	9.261 621	43	0.738 379	9.992 874	1	649	
352	9.254 536	42	9.261 664	43	0.738 336	9.992 873	2	648	
353	9.254 578	41	9.261 707	42	0.738 293	9.992 871	1	647	
354	9.254 619	42	9.261 749	43	0.738 251	9.992 870	2	646	
355	9.254 661	41	9.261 792	43	0.738 208	9.992 868	1	645	
356	9.254 702	42	9.261 835	43	0.738 165	9.992 867	1	644	
357	9.254 744	41	9.261 878	43	0.738 122	9.992 866	2	643	
358	9.254 785	42	9.261 921	43	0.738 079	9.992 864	1	642	
359	9.254 827	41	9.261 964	43	0.738 036	9.992 863	2	641	
.360	9.254 868	41	9.262 007	42	0.737 993	9.992 861	1	**.640**	
361	9.254 909	42	9.262 049	43	0.737 951	9.992 860	1	639	
362	9.254 951	41	9.262 092	43	0.737 908	9.992 859	2	638	
363	9.254 992	42	9.262 135	43	0.737 865	9.992 857	1	637	
364	9.255 034	41	9.262 178	43	0.737 822	9.992 856	1	636	
365	9.255 075	42	9.262 221	43	0.737 779	9.992 855	2	635	
366	9.255 117	41	9.262 264	42	0.737 736	9.992 853	1	634	
367	9.255 158	42	9.262 306	43	0.737 694	9.992 852	2	633	
368	9.255 200	41	9.262 349	43	0.737 651	9.992 850	1	632	
369	9.255 241	41	9.262 392	43	0.737 608	9.992 849	1	631	
.370	9.255 282	42	9.262 435	43	0.737 565	9.992 848	2	**.630**	
371	9.255 324	41	9.262 478	42	0.737 522	9.992 846	1	629	
372	9.255 365	42	9.262 520	43	0.737 480	9.992 845	2	628	
373	9.255 407	41	9.262 563	43	0.737 437	9.992 843	1	627	
374	9.255 448	42	9.262 606	43	0.737 394	9.992 842	1	626	
375	9.255 490	41	9.262 649	43	0.737 351	9.992 841	2	625	
376	9.255 531	41	9.262 692	42	0.737 308	9.992 839	1	624	
377	9.255 572	42	9.262 734	43	0.737 266	9.992 838	2	623	
378	9.255 614	41	9.262 777	43	0.737 223	9.992 836	1	622	
379	9.255 655	41	9.262 820	43	0.737 180	9.992 835	1	621	
.380	9.255 696	42	9.262 863	43	0.737 137	9.992 834	2	**.620**	
381	9.255 738	41	9.262 906	42	0.737 094	9.992 832	1	619	
382	9.255 779	42	9.262 948	43	0.737 052	9.992 831	1	618	
383	9.255 821	41	9.262 991	43	0.737 009	9.992 830	2	617	
384	9.255 862	41	9.263 034	43	0.736 966	9.992 828	1	616	
385	9.255 903	42	9.263 077	42	0.736 923	9.992 827	2	615	
386	9.255 945	41	9.263 119	43	0.736 881	9.992 825	1	614	
387	9.255 986	41	9.263 162	43	0.736 838	9.992 824	1	613	
388	9.256 027	42	9.263 205	43	0.736 795	9.992 823	2	612	
389	9.256 069	41	9.263 248	42	0.736 752	9.992 821	1	611	
.390	9.256 110	41	9.263 290	43	0.736 710	9.992 820	2	**.610**	
391	9.256 151	42	9.263 333	43	0.736 667	9.992 818	1	609	
392	9.256 193	41	9.263 376	42	0.736 624	9.992 817	1	608	
393	9.256 234	41	9.263 418	43	0.736 582	9.992 816	2	607	
394	9.256 275	42	9.263 461	43	0.736 539	9.992 814	1	606	
395	9.256 317	41	9.263 504	43	0.736 496	9.992 813	2	605	
396	9.256 358	41	9.263 547	42	0.736 453	9.992 811	1	604	
397	9.256 399	42	9.263 589	43	0.736 411	9.992 810	1	603	
398	9.256 441	41	9.263 632	43	0.736 368	9.992 809	2	602	
399	9.256 482	41	9.263 675	42	0.736 325	9.992 807	1	601	
.400	9.256 523		9.263 717		0.736 283	9.992 806		**.600**	
	cos	d	cotg	d	tang	sin	d	**79°**	P.P.

	43
1	4.3
2	8.6
3	12.9
4	17.2
5	21.5
6	25.8
7	30.1
8	34.4
9	38.7

	42
1	4.2
2	8.4
3	12.6
4	16.8
5	21.0
6	25.2
7	29.4
8	33.6
9	37.8

	41
1	4.1
2	8.2
3	12.3
4	16.4
5	20.5
6	24.6
7	28.7
8	32.8
9	36.9

79°.650 — 79°.600

10°.400 — 10°.450

10°	sin	d	tang	d	cotg	cos	d		P.P.
.400	9.256 523	42	9.263 717	43	0.736 283	9.992 806	1	.600	
401	9.256 565	41	9.263 760	43	0.736 240	9.992 805	2	599	
402	9.256 606	41	9.263 803	42	0.736 197	9.992 803	1	598	
403	9.256 647	41	9.263 845	43	0.736 155	9.992 802	2	597	
404	9.256 688	42	9.263 888	43	0.736 112	9.992 800	1	596	
405	9.256 730	41	9.263 931	42	0.736 069	9.992 799	1	595	
406	9.256 771	41	9.263 973	43	0.736 027	9.992 798	2	594	
407	9.256 812	42	9.264 016	43	0.735 984	9.992 796	1	593	
408	9.256 854	41	9.264 059	42	0.735 941	9.992 795	2	592	
409	9.256 895	41	9.264 101	43	0.735 899	9.992 793	1	591	
.410	9.256 936	41	9.264 144	43	0.735 856	9.992 792	1	.590	
411	9.256 977	42	9.264 187	42	0.735 813	9.992 791	2	589	
412	9.257 019	41	9.264 229	43	0.735 771	9.992 789	1	588	
413	9.257 060	41	9.264 272	43	0.735 728	9.992 788	2	587	
414	9.257 101	41	9.264 315	42	0.735 685	9.992 786	1	586	
415	9.257 142	42	9.264 357	43	0.735 643	9.992 785	1	585	
416	9.257 184	41	9.264 400	43	0.735 600	9.992 784	2	584	
417	9.257 225	41	9.264 443	42	0.735 557	9.992 782	1	583	
418	9.257 266	41	9.264 485	43	0.735 515	9.992 781	2	582	
419	9.257 307	41	9.264 528	42	0.735 472	9.992 779	1	581	
.420	9.257 348	42	9.264 570	43	0.735 430	9.992 778	1	.580	
421	9.257 390	41	9.264 613	43	0.735 387	9.992 777	2	579	
422	9.257 431	41	9.264 656	42	0.735 344	9.992 775	1	578	
423	9.257 472	41	9.264 698	43	0.735 302	9.992 774	2	577	
424	9.257 513	41	9.264 741	42	0.735 259	9.992 772	1	576	
425	9.257 554	42	9.264 783	43	0.735 217	9.992 771	1	575	
426	9.257 596	41	9.264 826	43	0.735 174	9.992 770	2	574	
427	9.257 637	41	9.264 869	42	0.735 131	9.992 768	1	573	
428	9.257 678	41	9.264 911	43	0.735 089	9.992 767	1	572	
429	9.257 719	41	9.264 954	42	0.735 046	9.992 766	2	571	
.430	9.257 760	42	9.264 996	43	0.735 004	9.992 764	1	.570	
431	9.257 802	41	9.265 039	42	0.734 961	9.992 763	2	569	
432	9.257 843	41	9.265 081	43	0.734 919	9.992 761	1	568	
433	9.257 884	41	9.265 124	43	0.734 876	9.992 760	1	567	
434	9.257 925	41	9.265 167	42	0.734 833	9.992 759	2	566	
435	9.257 966	41	9.265 209	43	0.734 791	9.992 757	1	565	
436	9.258 007	41	9.265 252	42	0.734 748	9.992 756	2	564	
437	9.258 049	42	9.265 294	43	0.734 706	9.992 754	1	563	
438	9.258 090	41	9.265 337	42	0.734 663	9.992 753	1	562	
439	9.258 131	41	9.265 379	43	0.734 621	9.992 752	2	561	
.440	9.258 172	41	9.265 422	42	0.734 578	9.992 750	1	.560	
441	9.258 213	41	9.265 464	43	0.734 536	9.992 749	2	559	
442	9.258 254	41	9.265 507	42	0.734 493	9.992 747	1	558	
443	9.258 295	42	9.265 549	43	0.734 451	9.992 746	1	557	
444	9.258 337	41	9.265 592	42	0.734 408	9.992 745	2	556	
445	9.258 378	41	9.265 634	43	0.734 366	9.992 743	1	555	
446	9.258 419	41	9.265 677	42	0.734 323	9.992 742	2	554	
447	9.258 460	41	9.265 719	43	0.734 281	9.992 740	1	553	
448	9.258 501	41	9.265 762	42	0.734 238	9.992 739	1	552	
449	9.258 542	41	9.265 804	43	0.734 196	9.992 738	2	551	
.450	9.258 583		9.265 847		0.734 153	9.992 736		.550	
	cos	d	cotg	d	tang	sin	d	79°	P.P.

	43
1	4.3
2	8.6
3	12.9
4	17.2
5	21.5
6	25.8
7	30.1
8	34.4
9	38.7

	42
1	4.2
2	8.4
3	12.6
4	16.8
5	21.0
6	25.2
7	29.4
8	33.6
9	37.8

	41
1	4.1
2	8.2
3	12.3
4	16.4
5	20.5
6	24.6
7	28.7
8	32.8
9	36.9

79°.600 — 79°.550

10°.450 — 10°.500

10°	sin	d	tang	d	cotg	cos	d		P.P.
.450	9.258 583	41	9.265 847	42	0.734 153	9.992 736	1	**.550**	
451	9.258 624	41	9.265 889	43	0.734 111	9.992 735	2	549	
452	9.258 665	41	9.265 932	42	0.734 068	9.992 733	1	548	
453	9.258 706	42	9.265 974	43	0.734 026	9.992 732	1	547	
454	9.258 748	41	9.266 017	42	0.733 983	9.992 731	2	546	
455	9.258 789	41	9.266 059	43	0.733 941	9.992 729	1	545	
456	9.258 830	41	9.266 102	42	0.733 898	9.992 728	2	544	
457	9.258 871	41	9.266 144	43	0.733 856	9.992 726	1	543	
458	9.258 912	41	9.266 187	42	0.733 813	9.992 725	1	542	
459	9.258 953	41	9.266 229	43	0.733 771	9.992 724	2	541	
.460	9.258 994	41	9.266 272	42	0.733 728	9.992 722	1	**.540**	
461	9.259 035	41	9.266 314	43	0.733 686	9.992 721	2	539	
462	9.259 076	41	9.266 357	42	0.733 643	9.992 719	1	538	
463	9.259 117	41	9.266 399	43	0.733 601	9.992 718	1	537	
464	9.259 158	41	9.266 442	42	0.733 558	9.992 717	2	536	
465	9.259 199	41	9.266 484	42	0.733 516	9.992 715	1	535	
466	9.259 240	41	9.266 526	43	0.733 474	9.992 714	2	534	
467	9.259 281	41	9.266 569	42	0.733 431	9.992 712	1	533	
468	9.259 322	41	9.266 611	43	0.733 389	9.992 711	1	532	
469	9.259 363	41	9.266 654	42	0.733 346	9.992 710	2	531	
.470	9.259 404	41	9.266 696	43	0.733 304	9.992 708	1	**.530**	
471	9.259 445	41	9.266 739	42	0.733 261	9.992 707	2	529	
472	9.259 486	41	9.266 781	42	0.733 219	9.992 705	1	528	
473	9.259 527	41	9.266 823	43	0.733 177	9.992 704	1	527	
474	9.259 568	41	9.266 866	42	0.733 134	9.992 703	2	526	
475	9.259 609	41	9.266 908	43	0.733 092	9.992 701	1	525	
476	9.259 650	41	9.266 951	42	0.733 049	9.992 700	2	524	
477	9.259 691	41	9.266 993	42	0.733 007	9.992 698	1	523	
478	9.259 732	41	9.267 035	43	0.732 965	9.992 697	1	522	
479	9.259 773	41	9.267 078	42	0.732 922	9.992 696	2	521	
.480	9.259 814	41	9.267 120	42	0.732 880	9.992 694	1	**.520**	
481	9.259 855	41	9.267 162	43	0.732 838	9.992 693	2	519	
482	9.259 896	41	9.267 205	42	0.732 795	9.992 691	1	518	
483	9.259 937	41	9.267 247	43	0.732 753	9.992 690	1	517	
484	9.259 978	41	9.267 290	42	0.732 710	9.992 689	2	516	
485	9.260 019	41	9.267 332	42	0.732 668	9.992 687	1	515	
486	9.260 060	41	9.267 374	43	0.732 626	9.992 686	2	514	
487	9.260 101	41	9.267 417	42	0.732 583	9.992 684	1	513	
488	9.260 142	41	9.267 459	42	0.732 541	9.992 683	1	512	
489	9.260 183	41	9.267 501	43	0.732 499	9.992 682	2	511	
.490	9.260 224	41	9.267 544	42	0.732 456	9.992 680	1	**.510**	
491	9.260 265	41	9.267 586	42	0.732 414	9.992 679	2	509	
492	9.260 306	41	9.267 628	43	0.732 372	9.992 677	1	508	
493	9.260 347	41	9.267 671	42	0.732 329	9.992 676	1	507	
494	9.260 388	41	9.267 713	42	0.732 287	9.992 675	2	506	
495	9.260 429	40	9.267 755	43	0.732 245	9.992 673	1	505	
496	9.260 469	41	9.267 798	42	0.732 202	9.992 672	2	504	
497	9.260 510	41	9.267 840	42	0.732 160	9.992 670	1	503	
498	9.260 551	41	9.267 882	43	0.732 118	9.992 669	1	502	
499	9.260 592	41	9.267 925	42	0.732 075	9.992 668	2	501	
.500	9.260 633		9.267 967		0.732 033	9.992 666		**.500**	
	cos	d	cotg	d	tang	sin	d	79°	P.P.

	43
1	4.3
2	8.6
3	12.9
4	17.2
5	21.5
6	25.8
7	30.1
8	34.4
9	38.7

	42
1	4.2
2	8.4
3	12.6
4	16.8
5	21.0
6	25.2
7	29.4
8	33.6
9	37.8

	41
1	4.1
2	8.2
3	12.3
4	16.4
5	20.5
6	24.6
7	28.7
8	32.8
9	36.9

	40
1	4.0
2	8.0
3	12.0
4	16.0
5	20.0
6	24.0
7	28.0
8	32.0
9	36.0

79°.550 — 79°.500

10°.500 — 10°.550

10°	sin	d	tang	d	cotg	cos	d		P.P.
.500	9.260 633	41	9.267 967	42	0.732 033	9.992 666	1	.500	
501	9.260 674	41	9.268 009	43	0.731 991	9.992 665	2	499	
502	9.260 715	41	9.268 052	42	0.731 948	9.992 663	1	498	
503	9.260 756	41	9.268 094	42	0.731 906	9.992 662	1	497	
504	9.260 797	40	9.268 136	42	0.731 864	9.992 661	2	496	43
505	9.260 837	41	9.268 178	43	0.731 822	9.992 659	1	495	1 4.3
506	9.260 878	41	9.268 221	42	0.731 779	9.992 658	2	494	2 8.6
507	9.260 919	41	9.268 263	42	0.731 737	9.992 656	1	493	3 12.9
508	9.260 960	41	9.268 305	42	0.731 695	9.992 655	2	492	4 17.2
509	9.261 001	41	9.268 347	43	0.731 653	9.992 653	1	491	5 21.5
.510	9.261 042	41	9.268 390	42	0.731 610	9.992 652	1	.490	6 25.8
511	9.261 083	41	9.268 432	42	0.731 568	9.992 651	2	489	7 30.1
512	9.261 124	41	9.268 474	43	0.731 526	9.992 649	1	488	8 34.4
513	9.261 164	40	9.268 517	42	0.731 483	9.992 648	2	487	9 38.7
514	9.261 205	41	9.268 559	42	0.731 441	9.992 646	1	486	
515	9.261 246	41	9.268 601	42	0.731 399	9.992 645	1	485	42
516	9.261 287	41	9.268 643	43	0.731 357	9.992 644	2	484	1 4.2
517	9.261 328	41	9.268 686	42	0.731 314	9.992 642	1	483	2 8.4
518	9.261 369	41	9.268 728	42	0.731 272	9.992 641	2	482	3 12.6
519	9.261 409	40	9.268 770	42	0.731 230	9.992 639	1	481	4 16.8
.520	9.261 450	41	9.268 812	42	0.731 188	9.992 638	1	.480	5 21.0
521	9.261 491	41	9.268 854	43	0.731 146	9.992 637	2	479	6 25.2
522	9.261 532	41	9.268 897	42	0.731 103	9.992 635	1	478	7 29.4
523	9.261 573	40	9.268 939	42	0.731 061	9.992 634	2	477	8 33.6
524	9.261 613	41	9.268 981	42	0.731 019	9.992 632	1	476	9 37.8
525	9.261 654	41	9.269 023	42	0.730 977	9.992 631	1	475	
526	9.261 695	41	9.269 065	43	0.730 935	9.992 630	2	474	
527	9.261 736	41	9.269 108	42	0.730 892	9.992 628	1	473	41
528	9.261 777	40	9.269 150	42	0.730 850	9.992 627	2	472	1 4.1
529	9.261 817	41	9.269 192	42	0.730 808	9.992 625	1	471	2 8.2
.530	9.261 858	41	9.269 234	42	0.730 766	9.992 624	1	.470	3 12.3
531	9.261 899	41	9.269 276	43	0.730 724	9.992 623	2	469	4 16.4
532	9.261 940	40	9.269 319	42	0.730 681	9.992 621	1	468	5 20.5
533	9.261 980	41	9.269 361	42	0.730 639	9.992 620	2	467	6 24.6
534	9.262 021	41	9.269 403	42	0.730 597	9.992 618	1	466	7 28.7
535	9.262 062	41	9.269 445	42	0.730 555	9.992 617	2	465	8 32.8
536	9.262 103	41	9.269 487	42	0.730 513	9.992 615	1	464	9 36.9
537	9.262 144	40	9.269 529	43	0.730 471	9.992 614	1	463	
538	9.262 184	41	9.269 572	42	0.730 428	9.992 613	2	462	
539	9.262 225	41	9.269 614	42	0.730 386	9.992 611	1	461	40
.540	9.262 266	40	9.269 656	42	0.730 344	9.992 610	2	.460	1 4.0
541	9.262 306	41	9.269 698	42	0.730 302	9.992 608	1	459	2 8.0
542	9.262 347	41	9.269 740	42	0.730 260	9.992 607	1	458	3 12.0
543	9.262 388	41	9.269 782	43	0.730 218	9.992 606	2	457	4 16.0
544	9.262 429	40	9.269 825	42	0.730 175	9.992 604	1	456	5 20.0
545	9.262 469	41	9.269 867	42	0.730 133	9.992 603	2	455	6 24.0
546	9.262 510	41	9.269 909	42	0.730 091	9.992 601	1	454	7 28.0
547	9.262 551	41	9.269 951	42	0.730 049	9.992 600	1	453	8 32.0
548	9.262 592	40	9.269 993	42	0.730 007	9.992 599	2	452	9 36.0
549	9.262 632	41	9.270 035	42	0.729 965	9.992 597	1	451	
.550	9.262 673		9.270 077		0.729 923	9.992 596		.450	
	cos	d	cotg	d	tang	sin	d	79°	P.P.

79°.500 — 79°.450

10°.550 — 10°.600

10°	sin	d	tang	d	cotg	cos	d		P.P.
.550	9.262 673	41	9.270 077	42	0.729 923	9.992 596	2	**.450**	
551	9.262 714	40	9.270 119	42	0.729 881	9.992 594	1	449	
552	9.262 754	41	9.270 161	43	0.729 839	9.992 593	2	448	
553	9.262 795	41	9.270 204	42	0.729 796	9.992 591	1	447	
554	9.262 836	40	9.270 246	42	0.729 754	9.992 590	1	446	43
555	9.262 876	41	9.270 288	42	0.729 712	9.992 589	2	445	1 4.3
556	9.262 917	41	9.270 330	42	0.729 670	9.992 587	1	444	2 8.6
557	9.262 958	40	9.270 372	42	0.729 628	9.992 586	2	443	3 12.9
558	9.262 998	41	9.270 414	42	0.729 586	9.992 584	1	442	4 17.2
559	9.263 039	41	9.270 456	42	0.729 544	9.992 583	1	441	5 21.5
.560	9.263 080	40	9.270 498	42	0.729 502	9.992 582	2	**.440**	6 25.8
561	9.263 120	41	9.270 540	42	0.729 460	9.992 580	1	439	7 30.1
562	9.263 161	41	9.270 582	42	0.729 418	9.992 579	2	438	8 34.4
563	9.263 202	40	9.270 624	42	0.729 376	9.992 577	1	437	9 38.7
564	9.263 242	41	9.270 666	42	0.729 334	9.992 576	1	436	
565	9.263 283	41	9.270 708	43	0.729 292	9.992 575	2	435	42
566	9.263 324	40	9.270 751	42	0.729 249	9.992 573	1	434	1 4.2
567	9.263 364	41	9.270 793	42	0.729 207	9.992 572	2	433	2 8.4
568	9.263 405	41	9.270 835	42	0.729 165	9.992 570	1	432	3 12.6
569	9.263 446	40	9.270 877	42	0.729 123	9.992 569	2	431	4 16.8
.570	9.263 486	41	9.270 919	42	0.729 081	9.992 567	1	**.430**	5 21.0
571	9.263 527	40	9.270 961	42	0.729 039	9.992 566	1	429	6 25.2
572	9.263 567	41	9.271 003	42	0.728 997	9.992 565	2	428	7 29.4
573	9.263 608	41	9.271 045	42	0.728 955	9.992 563	1	427	8 33.6
574	9.263 649	40	9.271 087	42	0.728 913	9.992 562	2	426	9 37.8
575	9.263 689	41	9.271 129	42	0.728 871	9.992 560	1	425	
576	9.263 730	40	9.271 171	42	0.728 829	9.992 559	1	424	
577	9.263 770	41	9.271 213	42	0.728 787	9.992 558	2	423	41
578	9.263 811	41	9.271 255	42	0.728 745	9.992 556	1	422	1 4.1
579	9.263 852	40	9.271 297	42	0.728 703	9.992 555	2	421	2 8.2
.580	9.263 892	41	9.271 339	42	0.728 661	9.992 553	1	**.420**	3 12.3
581	9.263 933	40	9.271 381	42	0.728 619	9.992 552	2	419	4 16.4
582	9.263 973	41	9.271 423	42	0.728 577	9.992 550	1	418	5 20.5
583	9.264 014	40	9.271 465	42	0.728 535	9.992 549	1	417	6 24.6
584	9.264 054	41	9.271 507	42	0.728 493	9.992 548	2	416	7 28.7
585	9.264 095	41	9.271 549	42	0.728 451	9.992 546	1	415	8 32.8
586	9.264 136	40	9.271 591	42	0.728 409	9.992 545	2	414	9 36.9
587	9.264 176	41	9.271 633	42	0.728 367	9.992 543	1	413	
588	9.264 217	40	9.271 675	42	0.728 325	9.992 542	1	412	
589	9.264 257	41	9.271 717	42	0.728 283	9.992 541	2	411	40
.590	9.264 298	40	9.271 759	42	0.728 241	9.992 539	1	**.410**	1 4.0
591	9.264 338	41	9.271 801	42	0.728 199	9.992 538	2	409	2 8.0
592	9.264 379	40	9.271 843	41	0.728 157	9.992 536	1	408	3 12.0
593	9.264 419	41	9.271 884	42	0.728 116	9.992 535	2	407	4 16.0
594	9.264 460	40	9.271 926	42	0.728 074	9.992 533	1	406	5 20.0
595	9.264 500	41	9.271 968	42	0.728 032	9.992 532	1	405	6 24.0
596	9.264 541	40	9.272 010	42	0.727 990	9.992 531	2	404	7 28.0
597	9.264 581	41	9.272 052	42	0.727 948	9.992 529	1	403	8 32.0
598	9.264 622	40	9.272 094	42	0.727 906	9.992 528	2	402	9 36.0
599	9.264 662	41	9.272 136	42	0.727 864	9.992 526	1	401	
.600	9.264 703		9.272 178		0.727 822	9.992 525		**.400**	
	cos	d	cotg	d	tang	sin	d	**79°**	P.P.

79°.450 — 79°.400

10°.600 — 10°.650

10°	sin	d	tang	d	cotg	cos	d		P.P.
.600	9.264 703		9.272 178		0.727 822	9.992 525		**.400**	
		40		42			1		
601	9.264 743		9.272 220		0.727 780	9.992 524		399	
		41		42			2		
602	9.264 784		9.272 262		0.727 738	9.992 522		398	
		40		42			1		
603	9.264 824		9.272 304		0.727 696	9.992 521		397	
		41		42			2		
604	9.264 865		9.272 346		0.727 654	9.992 519		396	
		40		42			1		
605	9.264 905		9.272 388		0.727 612	9.992 518		395	
		41		41			2		
606	9.264 946		9.272 429		0.727 571	9.992 516		394	
		40		42			1		
607	9.264 986		9.272 471		0.727 529	9.992 515		393	
		41		42			1		
608	9.265 027		9.272 513		0.727 487	9.992 514		392	
		40		42			2		
609	9.265 067		9.272 555		0.727 445	9.992 512		391	
		41		42			1		
.610	9.265 108		9.272 597		0.727 403	9.992 511		**.390**	
		40		42			2		
611	9.265 148		9.272 639		0.727 361	9.992 509		389	
		41		42			1		
612	9.265 189		9.272 681		0.727 319	9.992 508		388	
		40		42			1		
613	9.265 229		9.272 723		0.727 277	9.992 507		387	
		41		42			2		
614	9.265 270		9.272 765		0.727 235	9.992 505		386	
		40		41			1		
615	9.265 310		9.272 806		0.727 194	9.992 504		385	
		41		42			2		
616	9.265 351		9.272 848		0.727 152	9.992 502		384	
		40		42			1		
617	9.265 391		9.272 890		0.727 110	9.992 501		383	
		40		42			2		
618	9.265 431		9.272 932		0.727 068	9.992 499		382	
		41		42			1		
619	9.265 472		9.272 974		0.727 026	9.992 498		381	
		40		42			1		
.620	9.265 512		9.273 016		0.726 984	9.992 497		**.380**	
		41		42			2		
621	9.265 553		9.273 058		0.726 942	9.992 495		379	
		40		41			1		
622	9.265 593		9.273 099		0.726 901	9.992 494		378	
		41		42			2		
623	9.265 634		9.273 141		0.726 859	9.992 492		377	
		40		42			1		
624	9.265 674		9.273 183		0.726 817	9.992 491		376	
		40		42			2		
625	9.265 714		9.273 225		0.726 775	9.992 489		375	
		41		42			1		
626	9.265 755		9.273 267		0.726 733	9.992 488		374	
		40		42			1		
627	9.265 795		9.273 309		0.726 691	9.992 487		373	
		41		41			2		
628	9.265 836		9.273 350		0.726 650	9.992 485		372	
		40		42			1		
629	9.265 876		9.273 392		0.726 608	9.992 484		371	
		40		42			2		
.630	9.265 916		9.273 434		0.726 566	9.992 482		**.370**	
		41		42			1		
631	9.265 957		9.273 476		0.726 524	9.992 481		369	
		40		42			2		
632	9.265 997		9.273 518		0.726 482	9.992 479		368	
		40		41			1		
633	9.266 037		9.273 559		0.726 441	9.992 478		367	
		41		42			1		
634	9.266 078		9.273 601		0.726 399	9.992 477		366	
		40		42			2		
635	9.266 118		9.273 643		0.726 357	9.992 475		365	
		41		42			1		
636	9.266 159		9.273 685		0.726 315	9.992 474		364	
		40		42			2		
637	9.266 199		9.273 727		0.726 273	9.992 472		363	
		40		41			1		
638	9.266 239		9.273 768		0.726 232	9.992 471		362	
		41		42			1		
639	9.266 280		9.273 810		0.726 190	9.992 470		361	
		40		42			2		
.640	9.266 320		9.273 852		0.726 148	9.992 468		**.360**	
		40		42			1		
641	9.266 360		9.273 894		0.726 106	9.992 467		359	
		41		41			2		
642	9.266 401		9.273 935		0.726 065	9.992 465		358	
		40		42			1		
643	9.266 441		9.273 977		0.726 023	9.992 464		357	
		40		42			2		
644	9.266 481		9.274 019		0.725 981	9.992 462		356	
		41		42			1		
645	9.266 522		9.274 061		0.725 939	9.992 461		355	
		40		41			1		
646	9.266 562		9.274 102		0.725 898	9.992 460		354	
		40		42			2		
647	9.266 602		9.274 144		0.725 856	9.992 458		353	
		41		42			1		
648	9.266 643		9.274 186		0.725 814	9.992 457		352	
		40		42			2		
649	9.266 683		9.274 228		0.725 772	9.992 455		351	
		40		41			1		
.650	9.266 723		9.274 269		0.725 731	9.992 454		**.350**	
	cos	d	cotg	d	tang	sin	d	**79°**	P.P.

	42
1	4.2
2	8.4
3	12.6
4	16.8
5	21.0
6	25.2
7	29.4
8	33.6
9	37.8

	41
1	4.1
2	8.2
3	12.3
4	16.4
5	20.5
6	24.6
7	28.7
8	32.8
9	36.9

	40
1	4.0
2	8.0
3	12.0
4	16.0
5	20.0
6	24.0
7	28.0
8	32.0
9	36.0

79°.400 — 79°.350

10°.650 — 10°.700

10°	sin	d	tang	d	cotg	cos	d		P.P.
.650	9.266 723	41	9.274 269	42	0.725 731	9.992 454	2	**.350**	
651	9.266 764	40	9.274 311	42	0.725 689	9.992 452	1	349	
652	9.266 804	40	9.274 353	42	0.725 647	9.992 451	1	348	
653	9.266 844	40	9.274 395	41	0.725 605	9.992 450	2	347	
654	9.266 884	41	9.274 436	42	0.725 564	9.992 448	1	346	
655	9.266 925	40	9.274 478	42	0.725 522	9.992 447	2	345	
656	9.266 965	40	9.274 520	41	0.725 480	9.992 445	1	344	
657	9.267 005	41	9.274 561	42	0.725 439	9.992 444	2	343	42
658	9.267 046	40	9.274 603	42	0.725 397	9.992 442	1	342	1 4.2
659	9.267 086	40	9.274 645	42	0.725 355	9.992 441	1	341	2 8.4
.660	9.267 126	40	9.274 687	41	0.725 313	9.992 440	2	**.340**	3 12.6
661	9.267 166	41	9.274 728	42	0.725 272	9.992 438	1	339	4 16.8
662	9.267 207	40	9.274 770	42	0.725 230	9.992 437	2	338	5 21.0
663	9.267 247	40	9.274 812	41	0.725 188	9.992 435	1	337	6 25.2
664	9.267 287	40	9.274 853	42	0.725 147	9.992 434	2	336	7 29.4
665	9.267 327	41	9.274 895	42	0.725 105	9.992 432	1	335	8 33.6
666	9.267 368	40	9.274 937	41	0.725 063	9.992 431	1	334	9 37.8
667	9.267 408	40	9.274 978	42	0.725 022	9.992 430	2	333	
668	9.267 448	40	9.275 020	42	0.724 980	9.992 428	1	332	
669	9.267 488	41	9.275 062	41	0.724 938	9.992 427	2	331	
.670	9.267 529	40	9.275 103	42	0.724 897	9.992 425	1	**.330**	
671	9.267 569	40	9.275 145	42	0.724 855	9.992 424	2	329	41
672	9.267 609	40	9.275 187	41	0.724 813	9.992 422	1	328	1 4.1
673	9.267 649	41	9.275 228	42	0.724 772	9.992 421	1	327	2 8.2
674	9.267 690	40	9.275 270	42	0.724 730	9.992 420	2	326	3 12.3
675	9.267 730	40	9.275 312	41	0.724 688	9.992 418	1	325	4 16.4
676	9.267 770	40	9.275 353	42	0.724 647	9.992 417	2	324	5 20.5
677	9.267 810	40	9.275 395	41	0.724 605	9.992 415	1	323	6 24.6
678	9.267 850	41	9.275 436	42	0.724 564	9.992 414	2	322	7 28.7
679	9.267 891	40	9.275 478	42	0.724 522	9.992 412	1	321	8 32.8
.680	9.267 931	40	9.275 520	41	0.724 480	9.992 411	1	**.320**	9 36.9
681	9.267 971	40	9.275 561	42	0.724 439	9.992 410	2	319	
682	9.268 011	40	9.275 603	42	0.724 397	9.992 408	1	318	
683	9.268 051	40	9.275 645	41	0.724 355	9.992 407	2	317	
684	9.268 091	41	9.275 686	42	0.724 314	9.992 405	1	316	
685	9.268 132	40	9.275 728	41	0.724 272	9.992 404	2	315	
686	9.268 172	40	9.275 769	42	0.724 231	9.992 402	1	314	40
687	9.268 212	40	9.275 811	42	0.724 189	9.992 401	1	313	1 4.0
688	9.268 252	40	9.275 853	41	0.724 147	9.992 400	2	312	2 8.0
689	9.268 292	40	9.275 894	42	0.724 106	9.992 398	1	311	3 12.0
.690	9.268 332	41	9.275 936	41	0.724 064	9.992 397	2	**.310**	4 16.0
691	9.268 373	40	9.275 977	42	0.724 023	9.992 395	1	309	5 20.0
692	9.268 413	40	9.276 019	41	0.723 981	9.992 394	2	308	6 24.0
693	9.268 453	40	9.276 060	42	0.723 940	9.992 392	1	307	7 28.0
694	9.268 493	40	9.276 102	42	0.723 898	9.992 391	1	306	8 32.0
695	9.268 533	40	9.276 144	41	0.723 856	9.992 390	2	305	9 36.0
696	9.268 573	40	9.276 185	42	0.723 815	9.992 388	1	304	
697	9.268 613	41	9.276 227	41	0.723 773	9.992 387	2	303	
698	9.268 654	40	9.276 268	42	0.723 732	9.992 385	1	302	
699	9.268 694	40	9.276 310	41	0.723 690	9.992 384	2	301	
.700	9.268 734		9.276 351		0.723 649	9.992 382		**.300**	
	cos	d	cotg	d	tang	sin	d	**79°**	P.P.

79°.350 — 79°.300

10°.700 — 10°.750

10°	sin	d	tang	d	cotg	cos	d		P.P.
.700	9.268 734		9.276 351		0.723 649	9.992 382		**.300**	
		40		42			1		
701	9.268 774		9.276 393		0.723 607	9.992 381		299	
		40		41			1		
702	9.268 814		9.276 434		0.723 566	9.992 380		298	
		40		42			2		
703	9.268 854		9.276 476		0.723 524	9.992 378		297	
		40		42			1		
704	9.268 894		9.276 518		0.723 482	9.992 377		296	
		40		41			2		
705	9.268 934		9.276 559		0.723 441	9.992 375		295	
		40		42			1		
706	9.268 974		9.276 601		0.723 399	9.992 374		294	
		41		41			2		
707	9.269 015		9.276 642		0.723 358	9.992 372		293	
		40		42			1		
708	9.269 055		9.276 684		0.723 316	9.992 371		292	
		40		41			1		
709	9.269 095		9.276 725		0.723 275	9.992 370		291	
		40		42			2		
.710	9.269 135		9.276 767		0.723 233	9.992 368		**.290**	
		40		41			1		
711	9.269 175		9.276 808		0.723 192	9.992 367		289	
		40		42			2		
712	9.269 215		9.276 850		0.723 150	9.992 365		288	
		40		41			1		
713	9.269 255		9.276 891		0.723 109	9.992 364		287	
		40		42			2		
714	9.269 295		9.276 933		0.723 067	9.992 362		286	
		40		41			1		
715	9.269 335		9.276 974		0.723 026	9.992 361		285	
		40		42			2		
716	9.269 375		9.277 016		0.722 984	9.992 359		284	
		40		41			1		
717	9.269 415		9.277 057		0.722 943	9.992 358		283	
		40		42			1		
718	9.269 455		9.277 099		0.722 901	9.992 357		282	
		40		41			2		
719	9.269 495		9.277 140		0.722 860	9.992 355		281	
		40		42			1		
.720	9.269 535		9.277 182		0.722 818	9.992 354		**.280**	
		40		41			2		
721	9.269 575		9.277 223		0.722 777	9.992 352		279	
		40		42			1		
722	9.269 615		9.277 265		0.722 735	9.992 351		278	
		40		41			2		
723	9.269 655		9.277 306		0.722 694	9.992 349		277	
		40		41			1		
724	9.269 695		9.277 347		0.722 653	9.992 348		276	
		41		42			1		
725	9.269 736		9.277 389		0.722 611	9.992 347		275	
		40		41			2		
726	9.269 776		9.277 430		0.722 570	9.992 345		274	
		40		42			1		
727	9.269 816		9.277 472		0.722 528	9.992 344		273	
		40		41			2		
728	9.269 856		9.277 513		0.722 487	9.992 342		272	
		40		42			1		
729	9.269 896		9.277 555		0.722 445	9.992 341		271	
		40		41			2		
.730	9.269 936		9.277 596		0.722 404	9.992 339		**.270**	
		40		42			1		
731	9.269 976		9.277 638		0.722 362	9.992 338		269	
		40		41			1		
732	9.270 016		9.277 679		0.722 321	9.992 337		268	
		40		41			2		
733	9.270 056		9.277 720		0.722 280	9.992 335		267	
		40		42			1		
734	9.270 096		9.277 762		0.722 238	9.992 334		266	
		40		41			2		
735	9.270 136		9.277 803		0.722 197	9.992 332		265	
		39		42			1		
736	9.270 175		9.277 845		0.722 155	9.992 331		264	
		40		41			2		
737	9.270 215		9.277 886		0.722 114	9.992 329		263	
		40		42			1		
738	9.270 255		9.277 928		0.722 072	9.992 328		262	
		40		41			2		
739	9.270 295		9.277 969		0.722 031	9.992 326		261	
		40		41			1		
.740	9.270 335		9.278 010		0.721 990	9.992 325		**.260**	
		40		42			1		
741	9.270 375		9.278 052		0.721 948	9.992 324		259	
		40		41			2		
742	9.270 415		9.278 093		0.721 907	9.992 322		258	
		40		42			1		
743	9.270 455		9.278 135		0.721 865	9.992 321		257	
		40		41			2		
744	9.270 495		9.278 176		0.721 824	9.992 319		256	
		40		41			1		
745	9.270 535		9.278 217		0.721 783	9.992 318		255	
		40		42			2		
746	9.270 575		9.278 259		0.721 741	9.992 316		254	
		40		41			1		
747	9.270 615		9.278 300		0.721 700	9.992 315		253	
		40		41			1		
748	9.270 655		9.278 341		0.721 659	9.992 314		252	
		40		42			2		
749	9.270 695		9.278 383		0.721 617	9.992 312		251	
		40		41			1		
.750	9.270 735		9.278 424		0.721 576	9.992 311		**.250**	
	cos	d	cotg	d	tang	sin	d	**79°**	P.P.

	42
1	4.2
2	8.4
3	12.6
4	16.8
5	21.0
6	25.2
7	29.4
8	33.6
9	37.8

	41
1	4.1
2	8.2
3	12.3
4	16.4
5	20.5
6	24.6
7	28.7
8	32.8
9	36.9

	40
1	4.0
2	8.0
3	12.0
4	16.0
5	20.0
6	24.0
7	28.0
8	32.0
9	36.0

	39
1	3.9
2	7.8
3	11.7
4	15.6
5	19.5
6	23.4
7	27.3
8	31.2
9	35.1

79°.300 — 79°.250

10°.750 — 10°.800

10°	sin	d	tang	d	cotg	cos	d		P.P.
.750	9.270 735	40	9.278 424	42	0.721 576	9.992 311	2	**.250**	
751	9.270 775	40	9.278 466	41	0.721 534	9.992 309	1	249	
752	9.270 815	40	9.278 507	41	0.721 493	9.992 308	2	248	
753	9.270 855	39	9.278 548	42	0.721 452	9.992 306	1	247	
754	9.270 894	40	9.278 590	41	0.721 410	9.992 305	2	246	
755	9.270 934	40	9.278 631	41	0.721 369	9.992 303	1	245	
756	9.270 974	40	9.278 672	42	0.721 328	9.992 302	1	244	
757	9.271 014	40	9.278 714	41	0.721 286	9.992 301	2	243	
758	9.271 054	40	9.278 755	41	0.721 245	9.992 299	1	242	
759	9.271 094	40	9.278 796	42	0.721 204	9.992 298	2	241	
.760	9.271 134	40	9.278 838	41	0.721 162	9.992 296	1	**.240**	
761	9.271 174	40	9.278 879	41	0.721 121	9.992 295	2	239	
762	9.271 214	39	9.278 920	42	0.721 080	9.992 293	1	238	
763	9.271 253	40	9.278 962	41	0.721 038	9.992 292	2	237	
764	9.271 293	40	9.279 003	41	0.720 997	9.992 290	1	236	
765	9.271 333	40	9.279 044	42	0.720 956	9.992 289	1	235	
766	9.271 373	40	9.279 086	41	0.720 914	9.992 288	2	234	
767	9.271 413	40	9.279 127	41	0.720 873	9.992 286	1	233	
768	9.271 453	40	9.279 168	41	0.720 832	9.992 285	2	232	
769	9.271 493	40	9.279 209	42	0.720 791	9.992 283	1	231	
.770	9.271 533	39	9.279 251	41	0.720 749	9.992 282	2	**.230**	
771	9.271 572	40	9.279 292	41	0.720 708	9.992 280	1	229	
772	9.271 612	40	9.279 333	42	0.720 667	9.992 279	2	228	
773	9.271 652	40	9.279 375	41	0.720 625	9.992 277	1	227	
774	9.271 692	40	9.279 416	41	0.720 584	9.992 276	1	226	
775	9.271 732	40	9.279 457	41	0.720 543	9.992 275	2	225	
776	9.271 772	39	9.279 498	42	0.720 502	9.992 273	1	224	
777	9.271 811	40	9.279 540	41	0.720 460	9.992 272	2	223	
778	9.271 851	40	9.279 581	41	0.720 419	9.992 270	1	222	
779	9.271 891	40	9.279 622	41	0.720 378	9.992 269	2	221	
.780	9.271 931	40	9.279 663	42	0.720 337	9.992 267	1	**.220**	
781	9.271 971	39	9.279 705	41	0.720 295	9.992 266	1	219	
782	9.272 010	40	9.279 746	41	0.720 254	9.992 265	2	218	
783	9.272 050	40	9.279 787	41	0.720 213	9.992 263	1	217	
784	9.272 090	40	9.279 828	42	0.720 172	9.992 262	2	216	
785	9.272 130	40	9.279 870	41	0.720 130	9.992 260	1	215	
786	9.272 170	39	9.279 911	41	0.720 089	9.992 259	2	214	
787	9.272 209	40	9.279 952	41	0.720 048	9.992 257	1	213	
788	9.272 249	40	9.279 993	42	0.720 007	9.992 256	2	212	
789	9.272 289	40	9.280 035	41	0.719 965	9.992 254	1	211	
.790	9.272 329	40	9.280 076	41	0.719 924	9.992 253	1	**.210**	
791	9.272 369	39	9.280 117	41	0.719 883	9.992 252	2	209	
792	9.272 408	40	9.280 158	41	0.719 842	9.992 250	1	208	
793	9.272 448	40	9.280 199	42	0.719 801	9.992 249	2	207	
794	9.272 488	40	9.280 241	41	0.719 759	9.992 247	1	206	
795	9.272 528	39	9.280 282	41	0.719 718	9.992 246	2	205	
796	9.272 567	40	9.280 323	41	0.719 677	9.992 244	1	204	
797	9.272 607	40	9.280 364	41	0.719 636	9.992 243	2	203	
798	9.272 647	40	9.280 405	42	0.719 595	9.992 241	1	202	
799	9.272 687	39	9.280 447	41	0.719 553	9.992 240	1	201	
.800	9.272 726		9.280 488		0.719 512	9.992 239		**.200**	
	cos	d	cotg	d	tang	sin	d	**79°**	P.P.

	42
1	4.2
2	8.4
3	12.6
4	16.8
5	21.0
6	25.2
7	29.4
8	33.6
9	37.8

	41
1	4.1
2	8.2
3	12.3
4	16.4
5	20.5
6	24.6
7	28.7
8	32.8
9	36.9

	40
1	4.0
2	8.0
3	12.0
4	16.0
5	20.0
6	24.0
7	28.0
8	32.0
9	36.0

	39
1	3.9
2	7.8
3	11.7
4	15.6
5	19.5
6	23.4
7	27.3
8	31.2
9	35.1

79°.250 — 79°.200

10°.800 — 10°.850

10°	sin	d	tang	d	cotg	cos	d		P.P.
.800	9.272 726		9.280 488		0.719 512	9.992 239		.200	
		40		41			2		
801	9.272 766		9.280 529		0.719 471	9.992 237		199	
802	9.272 806	40	9.280 570	41	0.719 430	9.992 236	1	198	
803	9.272 845	39	9.280 611	41	0.719 389	9.992 234	2	197	
		40		41			1		
804	9.272 885		9.280 652		0.719 348	9.992 233		196	42
805	9.272 925	40	9.280 694	42	0.719 306	9.992 231	2	195	1 4.2
806	9.272 965	40	9.280 735	41	0.719 265	9.992 230	1	194	2 8.4
		39		41			2		3 12.6
807	9.273 004		9.280 776		0.719 224	9.992 228		193	4 16.8
808	9.273 044	40	9.280 817	41	0.719 183	9.992 227	1	192	5 21.0
809	9.273 084	40	9.280 858	41	0.719 142	9.992 225	2	191	6 25.2
		39		41			1		7 29.4
.810	9.273 123		9.280 899		0.719 101	9.992 224		.190	8 33.6
		40		42			1		9 37.8
811	9.273 163		9.280 941		0.719 059	9.992 223		189	
812	9.273 203	40	9.280 982	41	0.719 018	9.992 221	2	188	
813	9.273 243	40	9.281 023	41	0.718 977	9.992 220	1	187	
		39		41			2		
814	9.273 282		9.281 064		0.718 936	9.992 218		186	
815	9.273 322	40	9.281 105	41	0.718 895	9.992 217	1	185	41
816	9.273 362	40	9.281 146	41	0.718 854	9.992 215	2	184	
		39		41			1		1 4.1
817	9.273 401		9.281 187		0.718 813	9.992 214		183	2 8.2
818	9.273 441	40	9.281 228	41	0.718 772	9.992 212	2	182	3 12.3
819	9.273 481	40	9.281 270	42	0.718 730	9.992 211	1	181	4 16.4
		39		41			1		5 20.5
.820	9.273 520		9.281 311		0.718 689	9.992 210		.180	6 24.6
		40		41			2		7 28.7
821	9.273 560		9.281 352		0.718 648	9.992 208		179	8 32.8
822	9.273 600	40	9.281 393	41	0.718 607	9.992 207	1	178	9 36.9
823	9.273 639	39	9.281 434	41	0.718 566	9.992 205	2	177	
		40		41			1		
824	9.273 679		9.281 475		0.718 525	9.992 204		176	
825	9.273 718	39	9.281 516	41	0.718 484	9.992 202	2	175	
826	9.273 758	40	9.281 557	41	0.718 443	9.992 201	1	174	
		40		41			2		
827	9.273 798		9.281 598		0.718 402	9.992 199		173	40
828	9.273 837	39	9.281 639	41	0.718 361	9.992 198	1	172	
829	9.273 877	40	9.281 680	41	0.718 320	9.992 197	1	171	1 4.0
		40		42			2		2 8.0
.830	9.273 917		9.281 722		0.718 278	9.992 195		.170	3 12.0
		39		41			1		4 16.0
831	9.273 956		9.281 763		0.718 237	9.992 194		169	5 20.0
832	9.273 996	40	9.281 804	41	0.718 196	9.992 192	2	168	6 24.0
833	9.274 035	39	9.281 845	41	0.718 155	9.992 191	1	167	7 28.0
		40		41			2		8 32.0
834	9.274 075		9.281 886		0.718 114	9.992 189		166	9 36.0
835	9.274 115	40	9.281 927	41	0.718 073	9.992 188	1	165	
836	9.274 154	39	9.281 968	41	0.718 032	9.992 186	2	164	
		40		41			1		
837	9.274 194		9.282 009		0.717 991	9.992 185		163	
838	9.274 233	39	9.282 050	41	0.717 950	9.992 183	2	162	
839	9.274 273	40	9.282 091	41	0.717 909	9.992 182	1	161	39
		40		41			1		
.840	9.274 313		9.282 132		0.717 868	9.992 181		.160	1 3.9
		39		41			2		2 7.8
841	9.274 352		9.282 173		0.717 827	9.992 179		159	3 11.7
842	9.274 392	40	9.282 214	41	0.717 786	9.992 178	1	158	4 15.6
843	9.274 431	39	9.282 255	41	0.717 745	9.992 176	2	157	5 19.5
		40		41			1		6 23.4
844	9.274 471		9.282 296		0.717 704	9.992 175		156	7 27.3
845	9.274 511	40	9.282 337	41	0.717 663	9.992 173	2	155	8 31.2
846	9.274 550	39	9.282 378	41	0.717 622	9.992 172	1	154	9 35.1
		40		41			2		
847	9.274 590		9.282 419		0.717 581	9.992 170		153	
848	9.274 629	39	9.282 460	41	0.717 540	9.992 169	1	152	
849	9.274 669	40	9.282 501	41	0.717 499	9.992 167	2	151	
		39		41			1		
.850	9.274 708		9.282 542		0.717 458	9.992 166		.150	
	cos	d	cotg	d	tang	sin	d	79°	P.P.

79°.200 — 79°.150

10°.850 — 10°.900

10°	sin	d	tang	d	cotg	cos	d		P.P.
.850	9.274 708	40	9.282 542	41	0.717 458	9.992 166	1	**.150**	
851	9.274 748	39	9.282 583	41	0.717 417	9.992 165	2	149	
852	9.274 787	40	9.282 624	41	0.717 376	9.992 163	1	148	
853	9.274 827	39	9.282 665	41	0.717 335	9.992 162	2	147	
854	9.274 866	40	9.282 706	41	0.717 294	9.992 160	1	146	
855	9.274 906	40	9.282 747	41	0.717 253	9.992 159	2	145	
856	9.274 946	39	9.282 788	41	0.717 212	9.992 157	1	144	
857	9.274 985	40	9.282 829	41	0.717 171	9.992 156	2	143	
858	9.275 025	39	9.282 870	41	0.717 130	9.992 154	1	142	
859	9.275 064	40	9.282 911	41	0.717 089	9.992 153	1	141	
.860	9.275 104	39	9.282 952	41	0.717 048	9.992 152	2	**.140**	
861	9.275 143	40	9.282 993	41	0.717 007	9.992 150	1	139	
862	9.275 183	39	9.283 034	41	0.716 966	9.992 149	2	138	
863	9.275 222	40	9.283 075	41	0.716 925	9.992 147	1	137	
864	9.275 262	39	9.283 116	41	0.716 884	9.992 146	2	136	
865	9.275 301	40	9.283 157	41	0.716 843	9.992 144	1	135	
866	9.275 341	39	9.283 198	41	0.716 802	9.992 143	2	134	
867	9.275 380	40	9.283 239	41	0.716 761	9.992 141	1	133	
868	9.275 420	39	9.283 280	41	0.716 720	9.992 140	2	132	
869	9.275 459	40	9.283 321	41	0.716 679	9.992 138	1	131	
.870	9.275 499	39	9.283 362	41	0.716 638	9.992 137	1	**.130**	
871	9.275 538	39	9.283 403	40	0.716 597	9.992 136	2	129	
872	9.275 577	40	9.283 443	41	0.716 557	9.992 134	1	128	
873	9.275 617	39	9.283 484	41	0.716 516	9.992 133	2	127	
874	9.275 656	40	9.283 525	41	0.716 475	9.992 131	1	126	
875	9.275 696	39	9.283 566	41	0.716 434	9.992 130	2	125	
876	9.275 735	40	9.283 607	41	0.716 393	9.992 128	1	124	
877	9.275 775	39	9.283 648	41	0.716 352	9.992 127	2	123	
878	9.275 814	40	9.283 689	41	0.716 311	9.992 125	1	122	
879	9.275 854	39	9.283 730	41	0.716 270	9.992 124	2	121	
.880	9.275 893	40	9.283 771	41	0.716 229	9.992 122	1	**.120**	
881	9.275 933	39	9.283 812	40	0.716 188	9.992 121	2	119	
882	9.275 972	39	9.283 852	41	0.716 148	9.992 119	1	118	
883	9.276 011	40	9.283 893	41	0.716 107	9.992 118	1	117	
884	9.276 051	39	9.283 934	41	0.716 066	9.992 117	2	116	
885	9.276 090	40	9.283 975	41	0.716 025	9.992 115	1	115	
886	9.276 130	39	9.284 016	41	0.715 984	9.992 114	2	114	
887	9.276 169	39	9.284 057	41	0.715 943	9.992 112	1	113	
888	9.276 208	40	9.284 098	41	0.715 902	9.992 111	2	112	
889	9.276 248	39	9.284 139	40	0.715 861	9.992 109	1	111	
.890	9.276 287	40	9.284 179	41	0.715 821	9.992 108	2	**.110**	
891	9.276 327	39	9.284 220	41	0.715 780	9.992 106	1	109	
892	9.276 366	39	9.284 261	41	0.715 739	9.992 105	2	108	
893	9.276 405	40	9.284 302	41	0.715 698	9.992 103	1	107	
894	9.276 445	39	9.284 343	41	0.715 657	9.992 102	1	106	
895	9.276 484	40	9.284 384	41	0.715 616	9.992 101	2	105	
896	9.276 524	39	9.284 425	40	0.715 575	9.992 099	1	104	
897	9.276 563	39	9.284 465	41	0.715 535	9.992 098	2	103	
898	9.276 602	40	9.284 506	41	0.715 494	9.992 096	1	102	
899	9.276 642	39	9.284 547	41	0.715 453	9.992 095	2	101	
.900	9.276 681		9.284 588		0.715 412	9.992 093		**.100**	
	cos	d	cotg	d	tang	sin	d	**79°**	P.P.

	41
1	4.1
2	8.2
3	12.3
4	16.4
5	20.5
6	24.6
7	28.7
8	32.8
9	36.9

	40
1	4.0
2	8.0
3	12.0
4	16.0
5	20.0
6	24.0
7	28.0
8	32.0
9	36.0

	39
1	3.9
2	7.8
3	11.7
4	15.6
5	19.5
6	23.4
7	27.3
8	31.2
9	35.1

79°.150 — 79°.100

10°.900 — 10°.950

10°	sin	d	tang	d	cotg	cos	d		P.P.
.900	9.276 681		9.284 588		0.715 412	9.992 093		**.100**	
		39		41			1		
901	9.276 720		9.284 629		0.715 371	9.992 092		099	
		40		40			2		
902	9.276 760		9.284 669		0.715 331	9.992 090		098	
		39		41			1		
903	9.276 799		9.284 710		0.715 290	9.992 089		097	
		39		41			2		
904	9.276 838		9.284 751		0.715 249	9.992 087		096	
		40		41			1		
905	9.276 878		9.284 792		0.715 208	9.992 086		095	
		39		41			2		
906	9.276 917		9.284 833		0.715 167	9.992 084		094	
		40		40			1		
907	9.276 957		9.284 873		0.715 127	9.992 083		093	
		39		41			1		
908	9.276 996		9.284 914		0.715 086	9.992 082		092	
		39		41			2		
909	9.277 035		9.284 955		0.715 045	9.992 080		091	
		39		41			1		
.910	9.277 074		9.284 996		0.715 004	9.992 079		**.090**	
		40		41			2		
911	9.277 114		9.285 037		0.714 963	9.992 077		089	
		39		40			1		
912	9.277 153		9.285 077		0.714 923	9.992 076		088	
		39		41			2		
913	9.277 192		9.285 118		0.714 882	9.992 074		087	
		40		41			1		
914	9.277 232		9.285 159		0.714 841	9.992 073		086	
		39		41			2		
915	9.277 271		9.285 200		0.714 800	9.992 071		085	
		39		41			1		
916	9.277 310		9.285 241		0.714 759	9.992 070		084	
		40		40			2		
917	9.277 350		9.285 281		0.714 719	9.992 068		083	
		39		41			1		
918	9.277 389		9.285 322		0.714 678	9.992 067		082	
		39		41			2		
919	9.277 428		9.285 363		0.714 637	9.992 065		081	
		40		41			1		
.920	9.277 468		9.285 404		0.714 596	9.992 064		**.080**	
		39		40			1		
921	9.277 507		9.285 444		0.714 556	9.992 063		079	
		39		41			2		
922	9.277 546		9.285 485		0.714 515	9.992 061		078	
		39		41			1		
923	9.277 585		9.285 526		0.714 474	9.992 060		077	
		40		41			2		
924	9.277 625		9.285 567		0.714 433	9.992 058		076	
		39		40			1		
925	9.277 664		9.285 607		0.714 393	9.992 057		075	
		39		41			2		
926	9.277 703		9.285 648		0.714 352	9.992 055		074	
		39		41			1		
927	9.277 742		9.285 689		0.714 311	9.992 054		073	
		40		40			2		
928	9.277 782		9.285 729		0.714 271	9.992 052		072	
		39		41			1		
929	9.277 821		9.285 770		0.714 230	9.992 051		071	
		39		41			2		
.930	9.277 860		9.285 811		0.714 189	9.992 049		**.070**	
		40		41			1		
931	9.277 900		9.285 852		0.714 148	9.992 048		069	
		39		40			2		
932	9.277 939		9.285 892		0.714 108	9.992 046		068	
		39		41			1		
933	9.277 978		9.285 933		0.714 067	9.992 045		067	
		39		41			1		
934	9.278 017		9.285 974		0.714 026	9.992 044		066	
		39		40			2		
935	9.278 056		9.286 014		0.713 986	9.992 042		065	
		40		41			1		
936	9.278 096		9.286 055		0.713 945	9.992 041		064	
		39		41			2		
937	9.278 135		9.286 096		0.713 904	9.992 039		063	
		39		40			1		
938	9.278 174		9.286 136		0.713 864	9.992 038		062	
		39		41			2		
939	9.278 213		9.286 177		0.713 823	9.992 036		061	
		40		41			1		
.940	9.278 253		9.286 218		0.713 782	9.992 035		**.060**	
		39		41			2		
941	9.278 292		9.286 259		0.713 741	9.992 033		059	
		39		40			1		
942	9.278 331		9.286 299		0.713 701	9.992 032		058	
		39		41			2		
943	9.278 370		9.286 340		0.713 660	9.992 030		057	
		39		41			1		
944	9.278 409		9.286 381		0.713 619	9.992 029		056	
		40		40			2		
945	9.278 449		9.286 421		0.713 579	9.992 027		055	
		39		41			1		
946	9.278 488		9.286 462		0.713 538	9.992 026		054	
		39		41			2		
947	9.278 527		9.286 503		0.713 497	9.992 024		053	
		39		40			1		
948	9.278 566		9.286 543		0.713 457	9.992 023		052	
		39		41			1		
949	9.278 605		9.286 584		0.713 416	9.992 022		051	
		40		40			2		
.950	9.278 645		9.286 624		0.713 376	9.992 020		**.050**	
	cos	d	cotg	d	tang	sin	d	**79°**	P.P.

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1	4.1
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8	32.8
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3	12.0
4	16.0
5	20.0
6	24.0
7	28.0
8	32.0
9	36.0

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1	3.9
2	7.8
3	11.7
4	15.6
5	19.5
6	23.4
7	27.3
8	31.2
9	35.1

79°.100 — 79°.050

10°.950 — 11°.000

10°	sin	d	tang	d	cotg	cos	d		P.P.
.950	9.278 645	39	9.286 624	41	0.713 376	9.992 020	1	**.050**	
951	9.278 684	39	9.286 665	41	0.713 335	9.992 019	2	049	
952	9.278 723	39	9.286 706	40	0.713 294	9.992 017	1	048	
953	9.278 762	39	9.286 746	41	0.713 254	9.992 016	2	047	
954	9.278 801	39	9.286 787	41	0.713 213	9.992 014	1	046	
955	9.278 840	40	9.286 828	40	0.713 172	9.992 013	2	045	
956	9.278 880	39	9.286 868	41	0.713 132	9.992 011	1	044	
957	9.278 919	39	9.286 909	41	0.713 091	9.992 010	2	043	
958	9.278 958	39	9.286 950	40	0.713 050	9.992 008	1	042	
959	9.278 997	39	9.286 990	41	0.713 010	9.992 007	2	041	
.960	9.279 036	39	9.287 031	40	0.712 969	9.992 005	1	**.040**	
961	9.279 075	39	9.287 071	41	0.712 929	9.992 004	2	039	
962	9.279 114	40	9.287 112	41	0.712 888	9.992 002	1	038	
963	9.279 154	39	9.287 153	40	0.712 847	9.992 001	1	037	
964	9.279 193	39	9.287 193	41	0.712 807	9.992 000	2	036	
965	9.279 232	39	9.287 234	40	0.712 766	9.991 998	1	035	
966	9.279 271	39	9.287 274	41	0.712 726	9.991 997	2	034	
967	9.279 310	39	9.287 315	40	0.712 685	9.991 995	1	033	
968	9.279 349	39	9.287 355	41	0.712 645	9.991 994	2	032	
969	9.279 388	39	9.287 396	41	0.712 604	9.991 992	1	031	
.970	9.279 427	39	9.287 437	40	0.712 563	9.991 991	2	**.030**	
971	9.279 466	39	9.287 477	41	0.712 523	9.991 989	1	029	
972	9.279 506	40	9.287 518	40	0.712 482	9.991 988	2	028	
973	9.279 545	39	9.287 558	41	0.712 442	9.991 986	1	027	
974	9.279 584	39	9.287 599	40	0.712 401	9.991 985	2	026	
975	9.279 623	39	9.287 639	41	0.712 361	9.991 983	1	025	
976	9.279 662	39	9.287 680	41	0.712 320	9.991 982	2	024	
977	9.279 701	39	9.287 721	40	0.712 279	9.991 980	1	023	
978	9.279 740	39	9.287 761	41	0.712 239	9.991 979	2	022	
979	9.279 779	39	9.287 802	40	0.712 198	9.991 977	1	021	
.980	9.279 818	39	9.287 842	41	0.712 158	9.991 976	1	**.020**	
981	9.279 857	39	9.287 883	40	0.712 117	9.991 975	2	019	
982	9.279 896	39	9.287 923	41	0.712 077	9.991 973	1	018	
983	9.279 935	39	9.287 964	40	0.712 036	9.991 972	2	017	
984	9.279 974	40	9.288 004	41	0.711 996	9.991 970	1	016	
985	9.280 014	39	9.288 045	40	0.711 955	9.991 969	2	015	
986	9.280 053	39	9.288 085	41	0.711 915	9.991 967	1	014	
987	9.280 092	39	9.288 126	40	0.711 874	9.991 966	2	013	
988	9.280 131	39	9.288 166	41	0.711 834	9.991 964	1	012	
989	9.280 170	39	9.288 207	40	0.711 793	9.991 963	2	011	
.990	9.280 209	39	9.288 247	41	0.711 753	9.991 961	1	**.010**	
991	9.280 248	39	9.288 288	40	0.711 712	9.991 960	2	009	
992	9.280 287	39	9.288 328	41	0.711 672	9.991 958	1	008	
993	9.280 326	39	9.288 369	40	0.711 631	9.991 957	2	007	
994	9.280 365	39	9.288 409	41	0.711 591	9.991 955	1	006	
995	9.280 404	39	9.288 450	40	0.711 550	9.991 954	2	005	
996	9.280 443	39	9.288 490	41	0.711 510	9.991 952	1	004	
997	9.280 482	39	9.288 531	40	0.711 469	9.991 951	1	003	
998	9.280 521	39	9.288 571	41	0.711 429	9.991 950	2	002	
999	9.280 560	39	9.288 612	40	0.711 388	9.991 948	1	001	
*000	9.280 599		9.288 652		0.711 348	9.991 947		.000	
	cos	d	cotg	d	tang	sin	d	79°	P.P.

	41
1	4.1
2	8.2
3	12.3
4	16.4
5	20.5
6	24.6
7	28.7
8	32.8
9	36.9

	40
1	4.0
2	8.0
3	12.0
4	16.0
5	20.0
6	24.0
7	28.0
8	32.0
9	36.0

	39
1	3.9
2	7.8
3	11.7
4	15.6
5	19.5
6	23.4
7	27.3
8	31.2
9	35.1

79°.050 — 79°.000

11°.000 — 11°.050

11°	sin	d	tang	d	cotg	cos	d		P.P.
.000	9.280 599		9.288 652		0.711 348	9.991 947		***000**	
		39		41			2		
001	9.280 638		9.288 693		0.711 307	9.991 945		999	
		39		40			1		
002	9.280 677		9.288 733		0.711 267	9.991 944		998	
		39		41			2		
003	9.280 716		9.288 774		0.711 226	9.991 942		997	
		39		40			1		
004	9.280 755		9.288 814		0.711 186	9.991 941		996	
		39		41			2		
005	9.280 794		9.288 855		0.711 145	9.991 939		995	
		39		40			1		
006	9.280 833		9.288 895		0.711 105	9.991 938		994	
		39		40			2		
007	9.280 872		9.288 935		0.711 065	9.991 936		993	
		39		41			1		
008	9.280 911		9.288 976		0.711 024	9.991 935		992	
		39		40			2		
009	9.280 950		9.289 016		0.710 984	9.991 933		991	
		39		41			1		
.010	9.280 989		9.289 057		0.710 943	9.991 932		**.990**	
		39		40			2		
011	9.281 028		9.289 097		0.710 903	9.991 930		989	
		39		41			1		
012	9.281 067		9.289 138		0.710 862	9.991 929		988	
		38		40			2		
013	9.281 105		9.289 178		0.710 822	9.991 927		987	
		39		40			1		
014	9.281 144		9.289 218		0.710 782	9.991 926		986	
		39		41			2		
015	9.281 183		9.289 259		0.710 741	9.991 924		985	
		39		40			1		
016	9.281 222		9.289 299		0.710 701	9.991 923		984	
		39		41			1		
017	9.281 261		9.289 340		0.710 660	9.991 922		983	
		39		40			2		
018	9.281 300		9.289 380		0.710 620	9.991 920		982	
		39		41			1		
019	9.281 339		9.289 421		0.710 579	9.991 919		981	
		39		40			2		
.020	9.281 378		9.289 461		0.710 539	9.991 917		**.980**	
		39		40			1		
021	9.281 417		9.289 501		0.710 499	9.991 916		979	
		39		41			2		
022	9.281 456		9.289 542		0.710 458	9.991 914		978	
		39		40			1		
023	9.281 495		9.289 582		0.710 418	9.991 913		977	
		39		41			2		
024	9.281 534		9.289 623		0.710 377	9.991 911		976	
		39		40			1		
025	9.281 573		9.289 663		0.710 337	9.991 910		975	
		38		40			2		
026	9.281 611		9.289 703		0.710 297	9.991 908		974	
		39		41			1		
027	9.281 650		9.289 744		0.710 256	9.991 907		973	
		39		40			2		
028	9.281 689		9.289 784		0.710 216	9.991 905		972	
		39		40			1		
029	9.281 728		9.289 824		0.710 176	9.991 904		971	
		39		41			2		
.030	9.281 767		9.289 865		0.710 135	9.991 902		**.970**	
		39		40			1		
031	9.281 806		9.289 905		0.710 095	9.991 901		969	
		39		40			2		
032	9.281 845		9.289 945		0.710 055	9.991 899		968	
		39		41			1		
033	9.281 884		9.289 986		0.710 014	9.991 898		967	
		39		40			2		
034	9.281 923		9.290 026		0.709 974	9.991 896		966	
		38		41			1		
035	9.281 961		9.290 067		0.709 933	9.991 895		965	
		39		40			2		
036	9.282 000		9.290 107		0.709 893	9.991 893		964	
		39		40			1		
037	9.282 039		9.290 147		0.709 853	9.991 892		963	
		39		41			2		
038	9.282 078		9.290 188		0.709 812	9.991 890		962	
		39		40			1		
039	9.282 117		9.290 228		0.709 772	9.991 889		961	
		39		40			1		
.040	9.282 156		9.290 268		0.709 732	9.991 888		**.960**	
		39		41			2		
041	9.282 195		9.290 309		0.709 691	9.991 886		959	
		38		40			1		
042	9.282 233		9.290 349		0.709 651	9.991 885		958	
		39		40			2		
043	9.282 272		9.290 389		0.709 611	9.991 883		957	
		39		41			1		
044	9.282 311		9.290 430		0.709 570	9.991 882		956	
		39		40			2		
045	9.282 350		9.290 470		0.709 530	9.991 880		955	
		39		40			1		
046	9.282 389		9.290 510		0.709 490	9.991 879		954	
		39		40			2		
047	9.282 428		9.290 550		0.709 450	9.991 877		953	
		38		41			1		
048	9.282 466		9.290 591		0.709 409	9.991 876		952	
		39		40			2		
049	9.282 505		9.290 631		0.709 369	9.991 874		951	
		39		40			1		
.050	9.282 544		9.290 671		0.709 329	9.991 873		**.950**	
	cos	d	cotg	d	tang	sin	d	**78°**	P.P.

	41
1	4.1
2	8.2
3	12.3
4	16.4
5	20.5
6	24.6
7	28.7
8	32.8
9	36.9

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1	4.0
2	8.0
3	12.0
4	16.0
5	20.0
6	24.0
7	28.0
8	32.0
9	36.0

	39
1	3.9
2	7.8
3	11.7
4	15.6
5	19.5
6	23.4
7	27.3
8	31.2
9	35.1

	38
1	3.8
2	7.6
3	11.4
4	15.2
5	19.0
6	22.8
7	26.6
8	30.4
9	34.2

79°.000 — 78°.950

11°.050 — 11°.100

11°	sin	d	tang	d	cotg	cos	d		P.P.
.050	9.282 544		9.290 671		0.709 329	9.991 873		**.950**	
		39		41			2		
051	9.282 583		9.290 712		0.709 288	9.991 871		949	
052	9.282 622	39	9.290 752	40	0.709 248	9.991 870	1	948	
053	9.282 660	38	9.290 792	40	0.709 208	9.991 868	2	947	
054	9.282 699	39	9.290 832	40	0.709 168	9.991 867	1	946	41
055	9.282 738	39	9.290 873	41	0.709 127	9.991 865	2	945	1 4.1
056	9.282 777	39	9.290 913	40	0.709 087	9.991 864	1	944	2 8.2
057	9.282 816	39	9.290 953	40	0.709 047	9.991 862	2	943	3 12.3
058	9.282 854	38	9.290 994	41	0.709 006	9.991 861	1	942	4 16.4
059	9.282 893	39	9.291 034	40	0.708 966	9.991 859	2	941	5 20.5
.060	9.282 932	39	9.291 074	40	0.708 926	9.991 858	1	**.940**	6 24.6
		39		40			2		7 28.7
061	9.282 971		9.291 114		0.708 886	9.991 856		939	8 32.8
062	9.283 010	39	9.291 155	41	0.708 845	9.991 855	1	938	9 36.9
063	9.283 048	38	9.291 195	40	0.708 805	9.991 853	2	937	
064	9.283 087	39	9.291 235	40	0.708 765	9.991 852	1	936	
065	9.283 126	39	9.291 275	40	0.708 725	9.991 851	1	935	40
066	9.283 165	39	9.291 316	41	0.708 684	9.991 849	2	934	
067	9.283 203	38	9.291 356	40	0.708 644	9.991 848	1	933	1 4.0
068	9.283 242	39	9.291 396	40	0.708 604	9.991 846	2	932	2 8.0
069	9.283 281	39	9.291 436	40	0.708 564	9.991 845	1	931	3 12.0
.070	9.283 320	39	9.291 477	41	0.708 523	9.991 843	2	**.930**	4 16.0
		38		40			1		5 20.0
071	9.283 358		9.291 517		0.708 483	9.991 842		929	6 24.0
072	9.283 397	39	9.291 557	40	0.708 443	9.991 840	2	928	7 28.0
073	9.283 436	39	9.291 597	40	0.708 403	9.991 839	1	927	8 32.0
074	9.283 475	39	9.291 637	40	0.708 363	9.991 837	2	926	9 36.0
075	9.283 513	38	9.291 678	41	0.708 322	9.991 836	1	925	
076	9.283 552	39	9.291 718	40	0.708 282	9.991 834	2	924	
077	9.283 591	39	9.291 758	40	0.708 242	9.991 833	1	923	39
078	9.283 629	38	9.291 798	40	0.708 202	9.991 831	2	922	
079	9.283 668	39	9.291 838	40	0.708 162	9.991 830	1	921	1 3.9
.080	9.283 707	39	9.291 879	41	0.708 121	9.991 828	2	**.920**	2 7.8
		39		40			1		3 11.7
081	9.283 746		9.291 919		0.708 081	9.991 827		919	4 15.6
082	9.283 784	38	9.291 959	40	0.708 041	9.991 825	2	918	5 19.5
083	9.283 823	39	9.291 999	40	0.708 001	9.991 824	1	917	6 23.4
084	9.283 862	39	9.292 039	40	0.707 961	9.991 822	2	916	7 27.3
085	9.283 900	38	9.292 080	41	0.707 920	9.991 821	1	915	8 31.2
086	9.283 939	39	9.292 120	40	0.707 880	9.991 819	2	914	9 35.1
087	9.283 978	39	9.292 160	40	0.707 840	9.991 818	1	913	
088	9.284 016	38	9.292 200	40	0.707 800	9.991 816	2	912	
089	9.284 055	39	9.292 240	40	0.707 760	9.991 815	1	911	38
.090	9.284 094	39	9.292 280	40	0.707 720	9.991 813	2	**.910**	
		38		40			1		1 3.8
091	9.284 132		9.292 320		0.707 680	9.991 812		909	2 7.6
092	9.284 171	39	9.292 361	41	0.707 639	9.991 810	2	908	3 11.4
093	9.284 210	39	9.292 401	40	0.707 599	9.991 809	1	907	4 15.2
094	9.284 248	38	9.292 441	40	0.707 559	9.991 807	2	906	5 19.0
095	9.284 287	39	9.292 481	40	0.707 519	9.991 806	1	905	6 22.8
096	9.284 326	39	9.292 521	40	0.707 479	9.991 804	2	904	7 26.6
097	9.284 364	38	9.292 561	40	0.707 439	9.991 803	1	903	8 30.4
098	9.284 403	39	9.292 601	40	0.707 399	9.991 802	1	902	9 34.2
099	9.284 442	39	9.292 642	41	0.707 358	9.991 800	2	901	
.100	9.284 480	38	9.292 682	40	0.707 318	9.991 799	1	**.900**	
	cos	d	cotg	d	tang	sin	d	**78°**	P.P.

78°.950 — 78°.900

11°.100 — 11°.150

11°	sin	d	tang	d	cotg	cos	d		P.P.
.100	9.284 480	39	9.292 682	40	0.707 318	9.991 799	2	.900	
101	9.284 519	39	9.292 722	40	0.707 278	9.991 797	1	899	
102	9.284 558	38	9.292 762	40	0.707 238	9.991 796	2	898	
103	9.284 596	39	9.292 802	40	0.707 198	9.991 794	1	897	
104	9.284 635	38	9.292 842	40	0.707 158	9.991 793	2	896	
105	9.284 673	39	9.292 882	40	0.707 118	9.991 791	1	895	
106	9.284 712	39	9.292 922	41	0.707 078	9.991 790	2	894	
107	9.284 751	38	9.292 963	40	0.707 037	9.991 788	1	893	
108	9.284 789	39	9.293 003	40	0.706 997	9.991 787	2	892	
109	9.284 828	38	9.293 043	40	0.706 957	9.991 785	1	891	
.110	9.284 866	39	9.293 083	40	0.706 917	9.991 784	2	.890	
111	9.284 905	39	9.293 123	40	0.706 877	9.991 782	1	889	
112	9.284 944	38	9.293 163	40	0.706 837	9.991 781	2	888	
113	9.284 982	39	9.293 203	40	0.706 797	9.991 779	1	887	
114	9.285 021	38	9.293 243	40	0.706 757	9.991 778	2	886	
115	9.285 059	39	9.293 283	40	0.706 717	9.991 776	1	885	
116	9.285 098	39	9.293 323	40	0.706 677	9.991 775	2	884	
117	9.285 137	38	9.293 363	40	0.706 637	9.991 773	1	883	
118	9.285 175	39	9.293 403	40	0.706 597	9.991 772	2	882	
119	9.285 214	38	9.293 443	40	0.706 557	9.991 770	1	881	
.120	9.285 252	39	9.293 483	41	0.706 517	9.991 769	2	.880	
121	9.285 291	38	9.293 524	40	0.706 476	9.991 767	1	879	
122	9.285 329	39	9.293 564	40	0.706 436	9.991 766	2	878	
123	9.285 368	39	9.293 604	40	0.706 396	9.991 764	1	877	
124	9.285 407	38	9.293 644	40	0.706 356	9.991 763	2	876	
125	9.285 445	39	9.293 684	40	0.706 316	9.991 761	1	875	
126	9.285 484	38	9.293 724	40	0.706 276	9.991 760	2	874	
127	9.285 522	39	9.293 764	40	0.706 236	9.991 758	1	873	
128	9.285 561	38	9.293 804	40	0.706 196	9.991 757	2	872	
129	9.285 599	39	9.293 844	40	0.706 156	9.991 755	1	871	
.130	9.285 638	38	9.293 884	40	0.706 116	9.991 754	2	.870	
131	9.285 676	39	9.293 924	40	0.706 076	9.991 752	1	869	
132	9.285 715	38	9.293 964	40	0.706 036	9.991 751	2	868	
133	9.285 753	39	9.294 004	40	0.705 996	9.991 749	1	867	
134	9.285 792	38	9.294 044	40	0.705 956	9.991 748	2	866	
135	9.285 830	39	9.294 084	40	0.705 916	9.991 746	1	865	
136	9.285 869	38	9.294 124	40	0.705 876	9.991 745	2	864	
137	9.285 907	39	9.294 164	40	0.705 836	9.991 743	1	863	
138	9.285 946	38	9.294 204	40	0.705 796	9.991 742	2	862	
139	9.285 984	39	9.294 244	40	0.705 756	9.991 740	1	861	
.140	9.286 023	38	9.294 284	40	0.705 716	9.991 739	2	.860	
141	9.286 061	39	9.294 324	40	0.705 676	9.991 737	1	859	
142	9.286 100	38	9.294 364	40	0.705 636	9.991 736	2	858	
143	9.286 138	39	9.294 404	40	0.705 596	9.991 734	1	857	
144	9.286 177	38	9.294 444	40	0.705 556	9.991 733	2	856	
145	9.286 215	39	9.294 484	40	0.705 516	9.991 731	1	855	
146	9.286 254	38	9.294 524	40	0.705 476	9.991 730	2	854	
147	9.286 292	39	9.294 564	40	0.705 436	9.991 729	1	853	
148	9.286 331	38	9.294 604	40	0.705 396	9.991 727	2	852	
149	9.286 369	39	9.294 644	40	0.705 356	9.991 726	1	851	
.150	9.286 408		9.294 684		0.705 316	9.991 724	2	.850	
	cos	d	cotg	d	tang	sin	d	78°	P.P.

	41
1	4.1
2	8.2
3	12.3
4	16.4
5	20.5
6	24.6
7	28.7
8	32.8
9	36.9

	40
1	4.0
2	8.0
3	12.0
4	16.0
5	20.0
6	24.0
7	28.0
8	32.0
9	36.0

	39
1	3.9
2	7.8
3	11.7
4	15.6
5	19.5
6	23.4
7	27.3
8	31.2
9	35.1

	38
1	3.8
2	7.6
3	11.4
4	15.2
5	19.0
6	22.8
7	26.6
8	30.4
9	34.2

78°.900 — 78°.850

11°.150 — 11°.200

11°	sin	d	tang	d	cotg	cos	d		P.P.
.150	9.286 408	38	9.294 684	40	0.705 316	9.991 724	1	.850	
151	9.286 446	38	9.294 724	39	0.705 276	9.991 723	2	849	
152	9.286 484	39	9.294 763	40	0.705 237	9.991 721	1	848	
153	9.286 523	38	9.294 803	40	0.705 197	9.991 720	2	847	
154	9.286 561	39	9.294 843	40	0.705 157	9.991 718	1	846	
155	9.286 600	38	9.294 883	40	0.705 117	9.991 717	2	845	
156	9.286 638	39	9.294 923	40	0.705 077	9.991 715	1	844	
157	9.286 677	38	9.294 963	40	0.705 037	9.991 714	2	843	
158	9.286 715	39	9.295 003	40	0.704 997	9.991 712	1	842	
159	9.286 754	38	9.295 043	40	0.704 957	9.991 711	2	841	
.160	9.286 792	38	9.295 083	40	0.704 917	9.991 709	1	.840	
161	9.286 830	39	9.295 123	40	0.704 877	9.991 708	2	839	
162	9.286 869	38	9.295 163	40	0.704 837	9.991 706	1	838	
163	9.286 907	39	9.295 203	40	0.704 797	9.991 705	2	837	
164	9.286 946	38	9.295 243	39	0.704 757	9.991 703	1	836	
165	9.286 984	38	9.295 282	40	0.704 718	9.991 702	2	835	
166	9.287 022	39	9.295 322	40	0.704 678	9.991 700	1	834	
167	9.287 061	38	9.295 362	40	0.704 638	9.991 699	2	833	
168	9.287 099	39	9.295 402	40	0.704 598	9.991 697	1	832	
169	9.287 138	38	9.295 442	40	0.704 558	9.991 696	2	831	
.170	9.287 176	38	9.295 482	40	0.704 518	9.991 694	1	.830	
171	9.287 214	39	9.295 522	40	0.704 478	9.991 693	2	829	
172	9.287 253	38	9.295 562	40	0.704 438	9.991 691	1	828	
173	9.287 291	39	9.295 602	39	0.704 398	9.991 690	2	827	
174	9.287 330	38	9.295 641	40	0.704 359	9.991 688	1	826	
175	9.287 368	38	9.295 681	40	0.704 319	9.991 687	2	825	
176	9.287 406	39	9.295 721	40	0.704 279	9.991 685	1	824	
177	9.287 445	38	9.295 761	40	0.704 239	9.991 684	2	823	
178	9.287 483	38	9.295 801	40	0.704 199	9.991 682	1	822	
179	9.287 521	39	9.295 841	40	0.704 159	9.991 681	2	821	
.180	9.287 560	38	9.295 881	39	0.704 119	9.991 679	1	.820	
181	9.287 598	38	9.295 920	40	0.704 080	9.991 678	2	819	
182	9.287 636	39	9.295 960	40	0.704 040	9.991 676	1	818	
183	9.287 675	38	9.296 000	40	0.704 000	9.991 675	2	817	
184	9.287 713	38	9.296 040	40	0.703 960	9.991 673	1	816	
185	9.287 751	39	9.296 080	40	0.703 920	9.991 672	2	815	
186	9.287 790	38	9.296 120	39	0.703 880	9.991 670	1	814	
187	9.287 828	38	9.296 159	40	0.703 841	9.991 669	2	813	
188	9.287 866	39	9.296 199	40	0.703 801	9.991 667	1	812	
189	9.287 905	38	9.296 239	40	0.703 761	9.991 666	2	811	
.190	9.287 943	38	9.296 279	40	0.703 721	9.991 664	1	.810	
191	9.287 981	39	9.296 319	40	0.703 681	9.991 663	2	809	
192	9.288 020	38	9.296 359	39	0.703 641	9.991 661	1	808	
193	9.288 058	38	9.296 398	40	0.703 602	9.991 660	2	807	
194	9.288 096	39	9.296 438	40	0.703 562	9.991 658	1	806	
195	9.288 135	38	9.296 478	40	0.703 522	9.991 657	2	805	
196	9.288 173	38	9.296 518	40	0.703 482	9.991 655	1	804	
197	9.288 211	38	9.296 558	39	0.703 442	9.991 654	2	803	
198	9.288 249	39	9.296 597	40	0.703 403	9.991 652	1	802	
199	9.288 288	38	9.296 637	40	0.703 363	9.991 651	2	801	
.200	9.288 326		9.296 677		0.703 323	9.991 649		.800	
	cos	d	cotg	d	tang	sin	d	78°	P.P.

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1	4.0
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5	20.0
6	24.0
7	28.0
8	32.0
9	36.0

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2	7.8
3	11.7
4	15.6
5	19.5
6	23.4
7	27.3
8	31.2
9	35.1

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1	3.8
2	7.6
3	11.4
4	15.2
5	19.0
6	22.8
7	26.6
8	30.4
9	34.2

78°.850 — 78°.800

11°.200 — 11°.250

11°	sin	d	tang	d	cotg	cos	d		P.P.
.200	9.288 326	38	9.296 677	40	0.703 323	9.991 649	1	**.800**	
201	9.288 364	39	9.296 717	39	0.703 283	9.991 648	2	799	
202	9.288 403	38	9.296 756	40	0.703 244	9.991 646	1	798	
203	9.288 441	38	9.296 796	40	0.703 204	9.991 645	2	797	
204	9.288 479	38	9.296 836	40	0.703 164	9.991 643	1	796	
205	9.288 517	39	9.296 876	40	0.703 124	9.991 642	2	795	
206	9.288 556	38	9.296 916	39	0.703 084	9.991 640	1	794	
207	9.288 594	38	9.296 955	40	0.703 045	9.991 639	2	793	
208	9.288 632	38	9.296 995	40	0.703 005	9.991 637	1	792	
209	9.288 670	39	9.297 035	40	0.702 965	9.991 636	2	791	
.210	9.288 709	38	9.297 075	39	0.702 925	9.991 634	1	**.790**	
211	9.288 747	38	9.297 114	40	0.702 886	9.991 633	2	789	
212	9.288 785	38	9.297 154	40	0.702 846	9.991 631	1	788	
213	9.288 823	39	9.297 194	40	0.702 806	9.991 630	2	787	
214	9.288 862	38	9.297 234	39	0.702 766	9.991 628	1	786	
215	9.288 900	38	9.297 273	40	0.702 727	9.991 627	2	785	
216	9.288 938	38	9.297 313	40	0.702 687	9.991 625	1	784	
217	9.288 976	39	9.297 353	39	0.702 647	9.991 624	2	783	
218	9.289 015	38	9.297 392	40	0.702 608	9.991 622	1	782	
219	9.289 053	38	9.297 432	40	0.702 568	9.991 621	2	781	
.220	9.289 091	38	9.297 472	40	0.702 528	9.991 619	1	**.780**	
221	9.289 129	38	9.297 512	39	0.702 488	9.991 618	2	779	
222	9.289 167	39	9.297 551	40	0.702 449	9.991 616	1	778	
223	9.289 206	38	9.297 591	40	0.702 409	9.991 615	2	777	
224	9.289 244	38	9.297 631	39	0.702 369	9.991 613	1	776	
225	9.289 282	38	9.297 670	40	0.702 330	9.991 612	2	775	
226	9.289 320	38	9.297 710	40	0.702 290	9.991 610	1	774	
227	9.289 358	39	9.297 750	39	0.702 250	9.991 609	2	773	
228	9.289 397	38	9.297 789	40	0.702 211	9.991 607	1	772	
229	9.289 435	38	9.297 829	40	0.702 171	9.991 606	2	771	
.230	9.289 473	38	9.297 869	40	0.702 131	9.991 604	1	**.770**	
231	9.289 511	38	9.297 909	39	0.702 091	9.991 603	2	769	
232	9.289 549	38	9.297 948	40	0.702 052	9.991 601	1	768	
233	9.289 587	39	9.297 988	40	0.702 012	9.991 600	2	767	
234	9.289 626	38	9.298 028	39	0.701 972	9.991 598	1	766	
235	9.289 664	38	9.298 067	40	0.701 933	9.991 597	2	765	
236	9.289 702	38	9.298 107	40	0.701 893	9.991 595	1	764	
237	9.289 740	38	9.298 147	39	0.701 853	9.991 594	2	763	
238	9.289 778	38	9.298 186	40	0.701 814	9.991 592	1	762	
239	9.289 816	38	9.298 226	39	0.701 774	9.991 591	2	761	
.240	9.289 854	39	9.298 265	40	0.701 735	9.991 589	1	**.760**	
241	9.289 893	38	9.298 305	40	0.701 695	9.991 588	2	759	
242	9.289 931	38	9.298 345	39	0.701 655	9.991 586	2	758	
243	9.289 969	38	9.298 384	40	0.701 616	9.991 584	1	757	
244	9.290 007	38	9.298 424	40	0.701 576	9.991 583	2	756	
245	9.290 045	38	9.298 464	39	0.701 536	9.991 581	1	755	
246	9.290 083	38	9.298 503	40	0.701 497	9.991 580	2	754	
247	9.290 121	39	9.298 543	40	0.701 457	9.991 578	1	753	
248	9.290 160	38	9.298 583	39	0.701 417	9.991 577	2	752	
249	9.290 198	38	9.298 622	40	0.701 378	9.991 575	1	751	
.250	9.290 236		9.298 662		0.701 338	9.991 574		**.750**	
	cos	d	cotg	d	tang	sin	d	78°	P.P.

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1	4.0
2	8.0
3	12.0
4	16.0
5	20.0
6	24.0
7	28.0
8	32.0
9	36.0

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1	3.9
2	7.8
3	11.7
4	15.6
5	19.5
6	23.4
7	27.3
8	31.2
9	35.1

	38
1	3.8
2	7.6
3	11.4
4	15.2
5	19.0
6	22.8
7	26.6
8	30.4
9	34.2

78°.800 — 78°.750

11°.250 — 11°.300

11°	sin	d	tang	d	cotg	cos	d		P.P.
.250	9.290 236	38	9.298 662	39	0.701 338	9.991 574	2	**.750**	
251	9.290 274	38	9.298 701	40	0.701 299	9.991 572	1	749	
252	9.290 312	38	9.298 741	40	0.701 259	9.991 571	2	748	
253	9.290 350	38	9.298 781	39	0.701 219	9.991 569	1	747	
254	9.290 388	38	9.298 820	40	0.701 180	9.991 568	2	746	
255	9.290 426	38	9.298 860	39	0.701 140	9.991 566	1	745	
256	9.290 464	38	9.298 899	40	0.701 101	9.991 565	2	744	
257	9.290 502	38	9.298 939	40	0.701 061	9.991 563	1	743	
258	9.290 540	39	9.298 979	39	0.701 021	9.991 562	2	742	
259	9.290 579	38	9.299 018	40	0.700 982	9.991 560	1	741	
.260	9.290 617	38	9.299 058	39	0.700 942	9.991 559	2	**.740**	
261	9.290 655	38	9.299 097	40	0.700 903	9.991 557	1	739	
262	9.290 693	38	9.299 137	39	0.700 863	9.991 556	2	738	
263	9.290 731	38	9.299 176	40	0.700 824	9.991 554	1	737	
264	9.290 769	38	9.299 216	40	0.700 784	9.991 553	2	736	
265	9.290 807	38	9.299 256	39	0.700 744	9.991 551	1	735	
266	9.290 845	38	9.299 295	40	0.700 705	9.991 550	2	734	
267	9.290 883	38	9.299 335	39	0.700 665	9.991 548	1	733	
268	9.290 921	38	9.299 374	40	0.700 626	9.991 547	2	732	
269	9.290 959	38	9.299 414	39	0.700 586	9.991 545	1	731	
.270	9.290 997	38	9.299 453	40	0.700 547	9.991 544	2	**.730**	
271	9.291 035	38	9.299 493	39	0.700 507	9.991 542	1	729	
272	9.291 073	38	9.299 532	40	0.700 468	9.991 541	2	728	
273	9.291 111	38	9.299 572	40	0.700 428	9.991 539	1	727	
274	9.291 149	38	9.299 612	39	0.700 388	9.991 538	2	726	
275	9.291 187	38	9.299 651	40	0.700 349	9.991 536	1	725	
276	9.291 225	38	9.299 691	39	0.700 309	9.991 535	2	724	
277	9.291 263	38	9.299 730	40	0.700 270	9.991 533	1	723	
278	9.291 301	38	9.299 770	39	0.700 230	9.991 532	2	722	
279	9.291 339	38	9.299 809	40	0.700 191	9.991 530	1	721	
.280	9.291 377	38	9.299 849	39	0.700 151	9.991 529	2	**.720**	
281	9.291 415	38	9.299 888	40	0.700 112	9.991 527	1	719	
282	9.291 453	38	9.299 928	39	0.700 072	9.991 526	2	718	
283	9.291 491	38	9.299 967	40	0.700 033	9.991 524	1	717	
284	9.291 529	38	9.300 007	39	0.699 993	9.991 523	2	716	
285	9.291 567	38	9.300 046	40	0.699 954	9.991 521	1	715	
286	9.291 605	38	9.300 086	39	0.699 914	9.991 520	2	714	
287	9.291 643	38	9.300 125	40	0.699 875	9.991 518	1	713	
288	9.291 681	38	9.300 165	39	0.699 835	9.991 517	2	712	
289	9.291 719	38	9.300 204	40	0.699 796	9.991 515	1	711	
.290	9.291 757	38	9.300 244	39	0.699 756	9.991 514	2	**.710**	
291	9.291 795	38	9.300 283	40	0.699 717	9.991 512	2	709	
292	9.291 833	38	9.300 323	39	0.699 677	9.991 510	1	708	
293	9.291 871	38	9.300 362	40	0.699 638	9.991 509	2	707	
294	9.291 909	38	9.300 402	39	0.699 598	9.991 507	1	706	
295	9.291 947	38	9.300 441	40	0.699 559	9.991 506	2	705	
296	9.291 985	38	9.300 481	39	0.699 519	9.991 504	1	704	
297	9.292 023	38	9.300 520	39	0.699 480	9.991 503	2	703	
298	9.292 061	38	9.300 559	40	0.699 441	9.991 501	1	702	
299	9.292 099	38	9.300 599	39	0.699 401	9.991 500	2	701	
.300	9.292 137		9.300 638		0.699 362	9.991 498		**.700**	
	cos	d	cotg	d	tang	sin	d	**78°**	P.P.

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1	4.0
2	8.0
3	12.0
4	16.0
5	20.0
6	24.0
7	28.0
8	32.0
9	36.0

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1	3.9
2	7.8
3	11.7
4	15.6
5	19.5
6	23.4
7	27.3
8	31.2
9	35.1

	38
1	3.8
2	7.6
3	11.4
4	15.2
5	19.0
6	22.8
7	26.6
8	30.4
9	34.2

78°.750 — 78°.700

11°.300 — 11°.350

11°	sin	d	tang	d	cotg	cos	d		P.P.
.300	9.292 137	38	9.300 638	40	0.699 362	9.991 498	1	**.700**	
301	9.292 175	38	9.300 678	39	0.699 322	9.991 497	2	699	
302	9.292 213	38	9.300 717	40	0.699 283	9.991 495	1	698	
303	9.292 251	37	9.300 757	39	0.699 243	9.991 494	2	697	
304	9.292 288	38	9.300 796	40	0.699 204	9.991 492	1	696	40
305	9.292 326	38	9.300 836	39	0.699 164	9.991 491	2	695	1 4.0
306	9.292 364	38	9.300 875	39	0.699 125	9.991 489	1	694	2 8.0
307	9.292 402	38	9.300 914	40	0.699 086	9.991 488	2	693	3 12.0
308	9.292 440	38	9.300 954	39	0.699 046	9.991 486	1	692	4 16.0
309	9.292 478	38	9.300 993	40	0.699 007	9.991 485	2	691	5 20.0
.310	9.292 516	38	9.301 033	39	0.698 967	9.991 483	1	**.690**	6 24.0
311	9.292 554	38	9.301 072	39	0.698 928	9.991 482	2	689	7 28.0
312	9.292 592	38	9.301 111	40	0.698 889	9.991 480	1	688	8 32.0
313	9.292 630	37	9.301 151	39	0.698 849	9.991 479	2	687	9 36.0
314	9.292 667	38	9.301 190	40	0.698 810	9.991 477	1	686	
315	9.292 705	38	9.301 230	39	0.698 770	9.991 476	2	685	39
316	9.292 743	38	9.301 269	39	0.698 731	9.991 474	1	684	1 3.9
317	9.292 781	38	9.301 308	40	0.698 692	9.991 473	2	683	2 7.8
318	9.292 819	38	9.301 348	39	0.698 652	9.991 471	1	682	3 11.7
319	9.292 857	38	9.301 387	40	0.698 613	9.991 470	2	681	4 15.6
.320	9.292 895	38	9.301 427	39	0.698 573	9.991 468	1	**.680**	5 19.5
321	9.292 933	37	9.301 466	39	0.698 534	9.991 467	2	679	6 23.4
322	9.292 970	38	9.301 505	40	0.698 495	9.991 465	1	678	7 27.3
323	9.293 008	38	9.301 545	39	0.698 455	9.991 464	2	677	8 31.2
324	9.293 046	38	9.301 584	40	0.698 416	9.991 462	2	676	9 35.1
325	9.293 084	38	9.301 624	39	0.698 376	9.991 460	1	675	
326	9.293 122	38	9.301 663	39	0.698 337	9.991 459	2	674	
327	9.293 160	38	9.301 702	40	0.698 298	9.991 457	1	673	38
328	9.293 198	37	9.301 742	39	0.698 258	9.991 456	2	672	1 3.8
329	9.293 235	38	9.301 781	39	0.698 219	9.991 454	1	671	2 7.6
.330	9.293 273	38	9.301 820	40	0.698 180	9.991 453	2	**.670**	3 11.4
331	9.293 311	38	9.301 860	39	0.698 140	9.991 451	1	669	4 15.2
332	9.293 349	38	9.301 899	39	0.698 101	9.991 450	2	668	5 19.0
333	9.293 387	37	9.301 938	40	0.698 062	9.991 448	1	667	6 22.8
334	9.293 424	38	9.301 978	39	0.698 022	9.991 447	2	666	7 26.6
335	9.293 462	38	9.302 017	39	0.697 983	9.991 445	1	665	8 30.4
336	9.293 500	38	9.302 056	40	0.697 944	9.991 444	2	664	9 34.2
337	9.293 538	38	9.302 096	39	0.697 904	9.991 442	1	663	
338	9.293 576	38	9.302 135	39	0.697 865	9.991 441	2	662	
339	9.293 614	37	9.302 174	40	0.697 826	9.991 439	1	661	37
.340	9.293 651	38	9.302 214	39	0.697 786	9.991 438	2	**.660**	1 3.7
341	9.293 689	38	9.302 253	39	0.697 747	9.991 436	1	659	2 7.4
342	9.293 727	38	9.302 292	40	0.697 708	9.991 435	2	658	3 11.1
343	9.293 765	37	9.302 332	39	0.697 668	9.991 433	1	657	4 14.8
344	9.293 802	38	9.302 371	39	0.697 629	9.991 432	2	656	5 18.5
345	9.293 840	38	9.302 410	39	0.697 590	9.991 430	1	655	6 22.2
346	9.293 878	38	9.302 449	40	0.697 551	9.991 429	2	654	7 25.9
347	9.293 916	38	9.302 489	39	0.697 511	9.991 427	1	653	8 29.6
348	9.293 954	37	9.302 528	39	0.697 472	9.991 426	2	652	9 33.3
349	9.293 991	38	9.302 567	40	0.697 433	9.991 424	2	651	
.350	9.294 029		9.302 607		0.697 393	9.991 422		**.650**	
	cos	d	cotg	d	tang	sin	d	**78°**	P.P.

78°.700 — 78°.650

11°.350 — 11°.400

11°	sin	d	tang	d	cotg	cos	d		P.P.
.350	9.294 029		9.302 607		0.697 393	9.991 422		.650	
		38		39			1		
351	9.294 067		9.302 646		0.697 354	9.991 421		649	
		38		39			2		
352	9.294 105		9.302 685		0.697 315	9.991 419		648	
		37		39			1		
353	9.294 142		9.302 724		0.697 276	9.991 418		647	
		38		40			2		
354	9.294 180		9.302 764		0.697 236	9.991 416		646	
		38		39			1		
355	9.294 218		9.302 803		0.697 197	9.991 415		645	
		38		39			2		
356	9.294 256		9.302 842		0.697 158	9.991 413		644	
		37		40			1		
357	9.294 293		9.302 882		0.697 118	9.991 412		643	
		38		39			2		
358	9.294 331		9.302 921		0.697 079	9.991 410		642	
		38		39			1		
359	9.294 369		9.302 960		0.697 040	9.991 409		641	
		38		39			2		
.360	9.294 407		9.302 999		0.697 001	9.991 407		.640	
		37		40			1		
361	9.294 444		9.303 039		0.696 961	9.991 406		639	
		38		39			2		
362	9.294 482		9.303 078		0.696 922	9.991 404		638	
		38		39			1		
363	9.294 520		9.303 117		0.696 883	9.991 403		637	
		37		39			2		
364	9.294 557		9.303 156		0.696 844	9.991 401		636	
		38		40			1		
365	9.294 595		9.303 196		0.696 804	9.991 400		635	
		38		39			2		
366	9.294 633		9.303 235		0.696 765	9.991 398		634	
		38		39			1		
367	9.294 671		9.303 274		0.696 726	9.991 397		633	
		37		39			2		
368	9.294 708		9.303 313		0.696 687	9.991 395		632	
		38		39			1		
369	9.294 746		9.303 352		0.696 648	9.991 394		631	
		38		40			2		
.370	9.294 784		9.303 392		0.696 608	9.991 392		.630	
		37		39			2		
371	9.294 821		9.303 431		0.696 569	9.991 390		629	
		38		39			1		
372	9.294 859		9.303 470		0.696 530	9.991 389		628	
		38		39			2		
373	9.294 897		9.303 509		0.696 491	9.991 387		627	
		37		39			1		
374	9.294 934		9.303 548		0.696 452	9.991 386		626	
		38		40			2		
375	9.294 972		9.303 588		0.696 412	9.991 384		625	
		38		39			1		
376	9.295 010		9.303 627		0.696 373	9.991 383		624	
		37		39			2		
377	9.295 047		9.303 666		0.696 334	9.991 381		623	
		38		39			1		
378	9.295 085		9.303 705		0.696 295	9.991 380		622	
		38		39			2		
379	9.295 123		9.303 744		0.696 256	9.991 378		621	
		37		40			1		
.380	9.295 160		9.303 784		0.696 216	9.991 377		.620	
		38		39			2		
381	9.295 198		9.303 823		0.696 177	9.991 375		619	
		38		39			1		
382	9.295 236		9.303 862		0.696 138	9.991 374		618	
		37		39			2		
383	9.295 273		9.303 901		0.696 099	9.991 372		617	
		38		39			1		
384	9.295 311		9.303 940		0.696 060	9.991 371		616	
		38		40			2		
385	9.295 349		9.303 980		0.696 020	9.991 369		615	
		37		39			1		
386	9.295 386		9.304 019		0.695 981	9.991 368		614	
		38		39			2		
387	9.295 424		9.304 058		0.695 942	9.991 366		613	
		38		39			1		
388	9.295 462		9.304 097		0.695 903	9.991 365		612	
		37		39			2		
389	9.295 499		9.304 136		0.695 864	9.991 363		611	
		38		39			1		
.390	9.295 537		9.304 175		0.695 825	9.991 362		.610	
		37		40			2		
391	9.295 574		9.304 215		0.695 785	9.991 360		609	
		38		39			2		
392	9.295 612		9.304 254		0.695 746	9.991 358		608	
		38		39			1		
393	9.295 650		9.304 293		0.695 707	9.991 357		607	
		37		39			2		
394	9.295 687		9.304 332		0.695 668	9.991 355		606	
		38		39			1		
395	9.295 725		9.304 371		0.695 629	9.991 354		605	
		38		39			2		
396	9.295 763		9.304 410		0.695 590	9.991 352		604	
		37		39			1		
397	9.295 800		9.304 449		0.695 551	9.991 351		603	
		38		39			2		
398	9.295 838		9.304 488		0.695 512	9.991 349		602	
		37		40			1		
399	9.295 875		9.304 528		0.695 472	9.991 348		601	
		38		39			2		
.400	9.295 913		9.304 567		0.695 433	9.991 346		.600	
	cos	d	cotg	d	tang	sin	d	78°	P.P.

	40
1	4.0
2	8.0
3	12.0
4	16.0
5	20.0
6	24.0
7	28.0
8	32.0
9	36.0

	39
1	3.9
2	7.8
3	11.7
4	15.6
5	19.5
6	23.4
7	27.3
8	31.2
9	35.1

	38
1	3.8
2	7.6
3	11.4
4	15.2
5	19.0
6	22.8
7	26.6
8	30.4
9	34.2

	37
1	3.7
2	7.4
3	11.1
4	14.8
5	18.5
6	22.2
7	25.9
8	29.6
9	33.3

78°.650 — 78°.600

11°.400 — 11°.450

11°	sin	d	tang	d	cotg	cos	d		P.P.
.400	9.295 913	38	9.304 567	39	0.695 433	9.991 346	1	.600	
401	9.295 951	37	9.304 606	39	0.695 394	9.991 345	2	599	
402	9.295 988	38	9.304 645	39	0.695 355	9.991 343	1	598	
403	9.296 026	37	9.304 684	39	0.695 316	9.991 342	2	597	
404	9.296 063	38	9.304 723	39	0.695 277	9.991 340	1	596	40
405	9.296 101	37	9.304 762	39	0.695 238	9.991 339	2	595	1 4.0
406	9.296 138	38	9.304 801	39	0.695 199	9.991 337	1	594	2 8.0
407	9.296 176	38	9.304 840	40	0.695 160	9.991 336	2	593	3 12.0
408	9.296 214	37	9.304 880	39	0.695 120	9.991 334	2	592	4 16.0
409	9.296 251	38	9.304 919	39	0.695 081	9.991 332	1	591	5 20.0
.410	9.296 289	37	9.304 958	39	0.695 042	9.991 331	2	.590	6 24.0
411	9.296 326	38	9.304 997	39	0.695 003	9.991 329	1	589	7 28.0
412	9.296 364	37	9.305 036	39	0.694 964	9.991 328	2	588	8 32.0
413	9.296 401	38	9.305 075	39	0.694 925	9.991 326	1	587	9 36.0
414	9.296 439	37	9.305 114	39	0.694 886	9.991 325	2	586	
415	9.296 476	38	9.305 153	39	0.694 847	9.991 323	1	585	39
416	9.296 514	38	9.305 192	39	0.694 808	9.991 322	2	584	1 3.9
417	9.296 552	37	9.305 231	39	0.694 769	9.991 320	1	583	2 7.8
418	9.296 589	38	9.305 270	39	0.694 730	9.991 319	2	582	3 11.7
419	9.296 627	37	9.305 309	39	0.694 691	9.991 317	1	581	4 15.6
.420	9.296 664	38	9.305 348	40	0.694 652	9.991 316	2	.580	5 19.5
421	9.296 702	37	9.305 388	39	0.694 612	9.991 314	1	579	6 23.4
422	9.296 739	38	9.305 427	39	0.694 573	9.991 313	2	578	7 27.3
423	9.296 777	37	9.305 466	39	0.694 534	9.991 311	1	577	8 31.2
424	9.296 814	38	9.305 505	39	0.694 495	9.991 310	2	576	9 35.1
425	9.296 852	37	9.305 544	39	0.694 456	9.991 308	2	575	
426	9.296 889	38	9.305 583	39	0.694 417	9.991 306	1	574	
427	9.296 927	37	9.305 622	39	0.694 378	9.991 305	2	573	38
428	9.296 964	38	9.305 661	39	0.694 339	9.991 303	1	572	1 3.8
429	9.297 002	37	9.305 700	39	0.694 300	9.991 302	2	571	2 7.6
.430	9.297 039	38	9.305 739	39	0.694 261	9.991 300	1	.570	3 11.4
431	9.297 077	37	9.305 778	39	0.694 222	9.991 299	2	569	4 15.2
432	9.297 114	38	9.305 817	39	0.694 183	9.991 297	1	568	5 19.0
433	9.297 152	37	9.305 856	39	0.694 144	9.991 296	2	567	6 22.8
434	9.297 189	38	9.305 895	39	0.694 105	9.991 294	1	566	7 26.6
435	9.297 227	37	9.305 934	39	0.694 066	9.991 293	2	565	8 30.4
436	9.297 264	38	9.305 973	39	0.694 027	9.991 291	1	564	9 34.2
437	9.297 302	37	9.306 012	39	0.693 988	9.991 290	2	563	
438	9.297 339	37	9.306 051	39	0.693 949	9.991 288	1	562	
439	9.297 376	38	9.306 090	39	0.693 910	9.991 287	2	561	37
.440	9.297 414	37	9.306 129	39	0.693 871	9.991 285	2	.560	1 3.7
441	9.297 451	38	9.306 168	39	0.693 832	9.991 283	1	559	2 7.4
442	9.297 489	37	9.306 207	39	0.693 793	9.991 282	2	558	3 11.1
443	9.297 526	38	9.306 246	39	0.693 754	9.991 280	1	557	4 14.8
444	9.297 564	37	9.306 285	39	0.693 715	9.991 279	2	556	5 18.5
445	9.297 601	38	9.306 324	39	0.693 676	9.991 277	1	555	6 22.2
446	9.297 639	37	9.306 363	39	0.693 637	9.991 276	2	554	7 25.9
447	9.297 676	37	9.306 402	39	0.693 598	9.991 274	1	553	8 29.6
448	9.297 713	38	9.306 441	39	0.693 559	9.991 273	2	552	9 33.3
449	9.297 751	37	9.306 480	39	0.693 520	9.991 271	1	551	
.450	9.297 788		9.306 519		0.693 481	9.991 270		.550	
	cos	d	cotg	d	tang	sin	d	78°	P.P.

78°.600 — 78°.550

11°.450 — 11°.500

11°	sin	d	tang	d	cotg	cos	d		P.P.
.450	9.297 788	38	9.306 519	39	0.693 481	9.991 270	2	.550	
451	9.297 826	37	9.306 558	39	0.693 442	9.991 268	1	549	
452	9.297 863	38	9.306 597	39	0.693 403	9.991 267	2	548	
453	9.297 901	37	9.306 636	38	0.693 364	9.991 265	2	547	
454	9.297 938	37	9.306 674	39	0.693 326	9.991 263	1	546	
455	9.297 975	38	9.306 713	39	0.693 287	9.991 262	2	545	
456	9.298 013	37	9.306 752	39	0.693 248	9.991 260	1	544	
457	9.298 050	38	9.306 791	39	0.693 209	9.991 259	2	543	
458	9.298 088	37	9.306 830	39	0.693 170	9.991 257	1	542	
459	9.298 125	37	9.306 869	39	0.693 131	9.991 256	2	541	
.460	9.298 162	38	9.306 908	39	0.693 092	9.991 254	1	.540	
461	9.298 200	37	9.306 947	39	0.693 053	9.991 253	2	539	
462	9.298 237	38	9.306 986	39	0.693 014	9.991 251	1	538	
463	9.298 275	37	9.307 025	39	0.692 975	9.991 250	2	537	
464	9.298 312	37	9.307 064	39	0.692 936	9.991 248	1	536	
465	9.298 349	38	9.307 103	39	0.692 897	9.991 247	2	535	
466	9.298 387	37	9.307 142	39	0.692 858	9.991 245	1	534	
467	9.298 424	37	9.307 181	38	0.692 819	9.991 244	2	533	
468	9.298 461	38	9.307 219	39	0.692 781	9.991 242	2	532	
469	9.298 499	37	9.307 258	39	0.692 742	9.991 240	1	531	
.470	9.298 536	37	9.307 297	39	0.692 703	9.991 239	2	.530	
471	9.298 573	38	9.307 336	39	0.692 664	9.991 237	1	529	
472	9.298 611	37	9.307 375	39	0.692 625	9.991 236	2	528	
473	9.298 648	38	9.307 414	39	0.692 586	9.991 234	1	527	
474	9.298 686	37	9.307 453	39	0.692 547	9.991 233	2	526	
475	9.298 723	37	9.307 492	39	0.692 508	9.991 231	1	525	
476	9.298 760	38	9.307 531	38	0.692 469	9.991 230	2	524	
477	9.298 798	37	9.307 569	39	0.692 431	9.991 228	1	523	
478	9.298 835	37	9.307 608	39	0.692 392	9.991 227	2	522	
479	9.298 872	38	9.307 647	39	0.692 353	9.991 225	1	521	
.480	9.298 910	37	9.307 686	39	0.692 314	9.991 224	2	.520	
481	9.298 947	37	9.307 725	39	0.692 275	9.991 222	2	519	
482	9.298 984	37	9.307 764	39	0.692 236	9.991 220	1	518	
483	9.299 021	38	9.307 803	38	0.692 197	9.991 219	2	517	
484	9.299 059	37	9.307 841	39	0.692 159	9.991 217	1	516	
485	9.299 096	37	9.307 880	39	0.692 120	9.991 216	2	515	
486	9.299 133	38	9.307 919	39	0.692 081	9.991 214	1	514	
487	9.299 171	37	9.307 958	39	0.692 042	9.991 213	2	513	
488	9.299 208	37	9.307 997	39	0.692 003	9.991 211	1	512	
489	9.299 245	38	9.308 036	38	0.691 964	9.991 210	2	511	
.490	9.299 283	37	9.308 074	39	0.691 926	9.991 208	1	.510	
491	9.299 320	37	9.308 113	39	0.691 887	9.991 207	2	509	
492	9.299 357	37	9.308 152	39	0.691 848	9.991 205	2	508	
493	9.299 394	38	9.308 191	39	0.691 809	9.991 203	1	507	
494	9.299 432	37	9.308 230	39	0.691 770	9.991 202	2	506	
495	9.299 469	37	9.308 269	38	0.691 731	9.991 200	1	505	
496	9.299 506	38	9.308 307	39	0.691 693	9.991 199	2	504	
497	9.299 544	37	9.308 346	39	0.691 654	9.991 197	1	503	
498	9.299 581	37	9.308 385	39	0.691 615	9.991 196	2	502	
499	9.299 618	37	9.308 424	39	0.691 576	9.991 194	1	501	
.500	9.299 655		9.308 463		0.691 537	9.991 193		.500	
	cos	d	cotg	d	tang	sin	d	78°	P.P.

	39
1	3.9
2	7.8
3	11.7
4	15.6
5	19.5
6	23.4
7	27.3
8	31.2
9	35.1

	38
1	3.8
2	7.6
3	11.4
4	15.2
5	19.0
6	22.8
7	26.6
8	30.4
9	34.2

	37
1	3.7
2	7.4
3	11.1
4	14.8
5	18.5
6	22.2
7	25.9
8	29.6
9	33.3

78°.550 — 78°.500

11°.500 — 11°.550

11°	sin	d	tang	d	cotg	cos	d		P.P.
.500	9.299 655	38	9.308 463	38	0.691 537	9.991 193	2	.500	
501	9.299 693	37	9.308 501	39	0.691 499	9.991 191	1	499	
502	9.299 730	37	9.308 540	39	0.691 460	9.991 190	2	498	
503	9.299 767	37	9.308 579	39	0.691 421	9.991 188	1	497	
504	9.299 804	38	9.308 618	39	0.691 382	9.991 187	2	496	
505	9.299 842	37	9.308 657	38	0.691 343	9.991 185	2	495	
506	9.299 879	37	9.308 695	39	0.691 305	9.991 183	1	494	
507	9.299 916	37	9.308 734	39	0.691 266	9.991 182	2	493	
508	9.299 953	37	9.308 773	39	0.691 227	9.991 180	1	492	
509	9.299 990	38	9.308 812	38	0.691 188	9.991 179	2	491	
.510	9.300 028	37	9.308 850	39	0.691 150	9.991 177	1	.490	
511	9.300 065	37	9.308 889	39	0.691 111	9.991 176	2	489	
512	9.300 102	37	9.308 928	39	0.691 072	9.991 174	1	488	
513	9.300 139	38	9.308 967	38	0.691 033	9.991 173	2	487	
514	9.300 177	37	9.309 005	39	0.690 995	9.991 171	1	486	
515	9.300 214	37	9.309 044	39	0.690 956	9.991 170	2	485	
516	9.300 251	37	9.309 083	39	0.690 917	9.991 168	2	484	
517	9.300 288	37	9.309 122	38	0.690 878	9.991 166	1	483	
518	9.300 325	38	9.309 160	39	0.690 840	9.991 165	2	482	
519	9.300 363	37	9.309 199	39	0.690 801	9.991 163	1	481	
.520	9.300 400	37	9.309 238	39	0.690 762	9.991 162	2	.480	
521	9.300 437	37	9.309 277	38	0.690 723	9.991 160	1	479	
522	9.300 474	37	9.309 315	39	0.690 685	9.991 159	2	478	
523	9.300 511	38	9.309 354	39	0.690 646	9.991 157	1	477	
524	9.300 549	37	9.309 393	39	0.690 607	9.991 156	2	476	
525	9.300 586	37	9.309 432	38	0.690 568	9.991 154	1	475	
526	9.300 623	37	9.309 470	39	0.690 530	9.991 153	2	474	
527	9.300 660	37	9.309 509	39	0.690 491	9.991 151	2	473	
528	9.300 697	37	9.309 548	38	0.690 452	9.991 149	1	472	
529	9.300 734	38	9.309 586	39	0.690 414	9.991 148	2	471	
.530	9.300 772	37	9.309 625	39	0.690 375	9.991 146	1	.470	
531	9.300 809	37	9.309 664	39	0.690 336	9.991 145	2	469	
532	9.300 846	37	9.309 703	38	0.690 297	9.991 143	1	468	
533	9.300 883	37	9.309 741	39	0.690 259	9.991 142	2	467	
534	9.300 920	37	9.309 780	39	0.690 220	9.991 140	1	466	
535	9.300 957	37	9.309 819	38	0.690 181	9.991 139	2	465	
536	9.300 994	38	9.309 857	39	0.690 143	9.991 137	1	464	
537	9.301 032	37	9.309 896	39	0.690 104	9.991 136	2	463	
538	9.301 069	37	9.309 935	38	0.690 065	9.991 134	2	462	
539	9.301 106	37	9.309 973	39	0.690 027	9.991 132	1	461	
.540	9.301 143	37	9.310 012	39	0.689 988	9.991 131	2	.460	
541	9.301 180	37	9.310 051	38	0.689 949	9.991 129	1	459	
542	9.301 217	37	9.310 089	39	0.689 911	9.991 128	2	458	
543	9.301 254	37	9.310 128	39	0.689 872	9.991 126	1	457	
544	9.301 291	37	9.310 167	38	0.689 833	9.991 125	2	456	
545	9.301 328	38	9.310 205	39	0.689 795	9.991 123	1	455	
546	9.301 366	37	9.310 244	39	0.689 756	9.991 122	2	454	
547	9.301 403	37	9.310 283	38	0.689 717	9.991 120	1	453	
548	9.301 440	37	9.310 321	39	0.689 679	9.991 119	2	452	
549	9.301 477	37	9.310 360	39	0.689 640	9.991 117	2	451	
.550	9.301 514		9.310 399		0.689 601	9.991 115		.450	
	cos	d	cotg	d	tang	sin	d	78°	P.P.

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78°.500 — 78°.450

11°.550 — 11°.600

11°	sin	d	tang	d	cotg	cos	d		P.P.
.550	9.301 514	37	9.310 399	38	0.689 601	9.991 115	1	**.450**	
551	9.301 551	37	9.310 437	39	0.689 563	9.991 114	2	449	
552	9.301 588	37	9.310 476	38	0.689 524	9.991 112	1	448	
553	9.301 625	37	9.310 514	39	0.689 486	9.991 111	2	447	
554	9.301 662	37	9.310 553	39	0.689 447	9.991 109	1	446	
555	9.301 699	37	9.310 592	38	0.689 408	9.991 108	2	445	
556	9.301 736	38	9.310 630	39	0.689 370	9.991 106	1	444	
557	9.301 774	37	9.310 669	39	0.689 331	9.991 105	2	443	
558	9.301 811	37	9.310 708	38	0.689 292	9.991 103	2	442	
559	9.301 848	37	9.310 746	39	0.689 254	9.991 101	1	441	
.560	9.301 885	37	9.310 785	38	0.689 215	9.991 100	2	**.440**	
561	9.301 922	37	9.310 823	39	0.689 177	9.991 098	1	439	
562	9.301 959	37	9.310 862	39	0.689 138	9.991 097	2	438	
563	9.301 996	37	9.310 901	38	0.689 099	9.991 095	1	437	
564	9.302 033	37	9.310 939	39	0.689 061	9.991 094	2	436	
565	9.302 070	37	9.310 978	38	0.689 022	9.991 092	1	435	
566	9.302 107	37	9.311 016	39	0.688 984	9.991 091	2	434	
567	9.302 144	37	9.311 055	39	0.688 945	9.991 089	1	433	
568	9.302 181	37	9.311 094	38	0.688 906	9.991 088	2	432	
569	9.302 218	37	9.311 132	39	0.688 868	9.991 086	2	431	
.570	9.302 255	37	9.311 171	38	0.688 829	9.991 084	1	**.430**	
571	9.302 292	37	9.311 209	39	0.688 791	9.991 083	2	429	
572	9.302 329	37	9.311 248	38	0.688 752	9.991 081	1	428	
573	9.302 366	37	9.311 286	39	0.688 714	9.991 080	2	427	
574	9.302 403	37	9.311 325	39	0.688 675	9.991 078	1	426	
575	9.302 440	37	9.311 364	38	0.688 636	9.991 077	2	425	
576	9.302 477	37	9.311 402	39	0.688 598	9.991 075	1	424	
577	9.302 514	37	9.311 441	38	0.688 559	9.991 074	2	423	
578	9.302 551	37	9.311 479	39	0.688 521	9.991 072	2	422	
579	9.302 588	37	9.311 518	38	0.688 482	9.991 070	1	421	
.580	9.302 625	37	9.311 556	39	0.688 444	9.991 069	2	**.420**	
581	9.302 662	37	9.311 595	38	0.688 405	9.991 067	1	419	
582	9.302 699	37	9.311 633	39	0.688 367	9.991 066	2	418	
583	9.302 736	37	9.311 672	38	0.688 328	9.991 064	1	417	
584	9.302 773	37	9.311 710	39	0.688 290	9.991 063	2	416	
585	9.302 810	37	9.311 749	39	0.688 251	9.991 061	1	415	
586	9.302 847	37	9.311 788	38	0.688 212	9.991 060	2	414	
587	9.302 884	37	9.311 826	39	0.688 174	9.991 058	2	413	
588	9.302 921	37	9.311 865	38	0.688 135	9.991 056	1	412	
589	9.302 958	37	9.311 903	39	0.688 097	9.991 055	2	411	
.590	9.302 995	37	9.311 942	38	0.688 058	9.991 053	1	**.410**	
591	9.303 032	37	9.311 980	39	0.688 020	9.991 052	2	409	
592	9.303 069	37	9.312 019	38	0.687 981	9.991 050	1	408	
593	9.303 106	37	9.312 057	39	0.687 943	9.991 049	2	407	
594	9.303 143	37	9.312 096	38	0.687 904	9.991 047	1	406	
595	9.303 180	37	9.312 134	39	0.687 866	9.991 046	2	405	
596	9.303 217	37	9.312 173	38	0.687 827	9.991 044	2	404	
597	9.303 254	37	9.312 211	39	0.687 789	9.991 042	1	403	
598	9.303 291	37	9.312 250	38	0.687 750	9.991 041	2	402	
599	9.303 327	36	9.312 288	39	0.687 712	9.991 039	1	401	
.600	9.303 364	37	9.312 327		0.687 673	9.991 038		**.400**	
	cos	d	cotg	d	tang	sin	d	78°	P.P.

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3	10.8
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5	18.0
6	21.6
7	25.2
8	28.8
9	32.4

78°.450 — 78°.400

11°.600 — 11°.650

11°	sin	d	tang	d	cotg	cos	d		P.P.
.600	9.303 364	37	9.312 327	38	0.687 673	9.991 038	2	.400	
601	9.303 401	37	9.312 365	39	0.687 635	9.991 036	1	399	
602	9.303 438	37	9.312 404	38	0.687 596	9.991 035	2	398	
603	9.303 475	37	9.312 442	38	0.687 558	9.991 033	1	397	
604	9.303 512	37	9.312 480	39	0.687 520	9.991 032	2	396	
605	9.303 549	37	9.312 519	38	0.687 481	9.991 030	2	395	
606	9.303 586	37	9.312 557	39	0.687 443	9.991 028	1	394	
607	9.303 623	37	9.312 596	38	0.687 404	9.991 027	2	393	
608	9.303 660	37	9.312 634	39	0.687 366	9.991 025	1	392	
609	9.303 697	36	9.312 673	38	0.687 327	9.991 024	2	391	
.610	9.303 733	37	9.312 711	39	0.687 289	9.991 022	1	.390	
611	9.303 770	37	9.312 750	38	0.687 250	9.991 021	2	389	
612	9.303 807	37	9.312 788	39	0.687 212	9.991 019	1	388	
613	9.303 844	37	9.312 827	38	0.687 173	9.991 018	2	387	
614	9.303 881	37	9.312 865	38	0.687 135	9.991 016	2	386	
615	9.303 918	37	9.312 903	39	0.687 097	9.991 014	1	385	
616	9.303 955	37	9.312 942	38	0.687 058	9.991 013	2	384	
617	9.303 992	37	9.312 980	39	0.687 020	9.991 011	1	383	
618	9.304 029	36	9.313 019	38	0.686 981	9.991 010	2	382	
619	9.304 065	37	9.313 057	39	0.686 943	9.991 008	1	381	
.620	9.304 102	37	9.313 096	38	0.686 904	9.991 007	2	.380	
621	9.304 139	37	9.313 134	38	0.686 866	9.991 005	1	379	
622	9.304 176	37	9.313 172	39	0.686 828	9.991 004	2	378	
623	9.304 213	37	9.313 211	38	0.686 789	9.991 002	2	377	
624	9.304 250	37	9.313 249	39	0.686 751	9.991 000	1	376	
625	9.304 287	36	9.313 288	38	0.686 712	9.990 999	2	375	
626	9.304 323	37	9.313 326	38	0.686 674	9.990 997	1	374	
627	9.304 360	37	9.313 364	39	0.686 636	9.990 996	2	373	
628	9.304 397	37	9.313 403	38	0.686 597	9.990 994	1	372	
629	9.304 434	37	9.313 441	39	0.686 559	9.990 993	2	371	
.630	9.304 471	37	9.313 480	38	0.686 520	9.990 991	1	.370	
631	9.304 508	36	9.313 518	38	0.686 482	9.990 990	2	369	
632	9.304 544	37	9.313 556	39	0.686 444	9.990 988	2	368	
633	9.304 581	37	9.313 595	38	0.686 405	9.990 986	1	367	
634	9.304 618	37	9.313 633	39	0.686 367	9.990 985	2	366	
635	9.304 655	37	9.313 672	38	0.686 328	9.990 983	1	365	
636	9.304 692	36	9.313 710	38	0.686 290	9.990 982	2	364	
637	9.304 728	37	9.313 748	39	0.686 252	9.990 980	1	363	
638	9.304 765	37	9.313 787	38	0.686 213	9.990 979	2	362	
639	9.304 802	37	9.313 825	38	0.686 175	9.990 977	2	361	
.640	9.304 839	37	9.313 863	39	0.686 137	9.990 975	1	.360	
641	9.304 876	36	9.313 902	38	0.686 098	9.990 974	2	359	
642	9.304 912	37	9.313 940	38	0.686 060	9.990 972	1	358	
643	9.304 949	37	9.313 978	39	0.686 022	9.990 971	2	357	
644	9.304 986	37	9.314 017	38	0.685 983	9.990 969	1	356	
645	9.305 023	37	9.314 055	38	0.685 945	9.990 968	2	355	
646	9.305 060	36	9.314 093	39	0.685 907	9.990 966	1	354	
647	9.305 096	37	9.314 132	38	0.685 868	9.990 965	2	353	
648	9.305 133	37	9.314 170	38	0.685 830	9.990 963	2	352	
649	9.305 170	37	9.314 208	39	0.685 792	9.990 961	1	351	
.650	9.305 207		9.314 247		0.685 753	9.990 960		.350	
	cos	d	cotg	d	tang	sin	d	78°	P.P.

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7	25.2
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78°.400 — 78°.350

11°.650 — 11°.700

11°	sin	d	tang	d	cotg	cos	d		P.P.
.650	9.305 207	36	9.314 247	38	0.685 753	9.990 960	2	**.350**	
651	9.305 243	37	9.314 285	38	0.685 715	9.990 958	1	349	
652	9.305 280	37	9.314 323	39	0.685 677	9.990 957	2	348	
653	9.305 317	37	9.314 362	38	0.685 638	9.990 955	1	347	
654	9.305 354	36	9.314 400	38	0.685 600	9.990 954	2	346	
655	9.305 390	37	9.314 438	39	0.685 562	9.990 952	2	345	
656	9.305 427	37	9.314 477	38	0.685 523	9.990 950	1	344	
657	9.305 464	37	9.314 515	38	0.685 485	9.990 949	2	343	
658	9.305 501	36	9.314 553	39	0.685 447	9.990 947	1	342	
659	9.305 537	37	9.314 592	38	0.685 408	9.990 946	2	341	
.660	9.305 574	37	9.314 630	38	0.685 370	9.990 944	1	**.340**	
661	9.305 611	37	9.314 668	38	0.685 332	9.990 943	2	339	
662	9.305 648	36	9.314 706	39	0.685 294	9.990 941	1	338	
663	9.305 684	37	9.314 745	38	0.685 255	9.990 940	2	337	
664	9.305 721	37	9.314 783	38	0.685 217	9.990 938	2	336	
665	9.305 758	36	9.314 821	39	0.685 179	9.990 936	1	335	
666	9.305 794	37	9.314 860	38	0.685 140	9.990 935	2	334	
667	9.305 831	37	9.314 898	38	0.685 102	9.990 933	1	333	
668	9.305 868	37	9.314 936	38	0.685 064	9.990 932	2	332	
669	9.305 905	36	9.314 974	39	0.685 026	9.990 930	1	331	
.670	9.305 941	37	9.315 013	38	0.684 987	9.990 929	2	**.330**	
671	9.305 978	37	9.315 051	38	0.684 949	9.990 927	2	329	
672	9.306 015	36	9.315 089	38	0.684 911	9.990 925	1	328	
673	9.306 051	37	9.315 127	39	0.684 873	9.990 924	2	327	
674	9.306 088	37	9.315 166	38	0.684 834	9.990 922	1	326	
675	9.306 125	36	9.315 204	38	0.684 796	9.990 921	2	325	
676	9.306 161	37	9.315 242	38	0.684 758	9.990 919	1	324	
677	9.306 198	37	9.315 280	39	0.684 720	9.990 918	2	323	
678	9.306 235	36	9.315 319	38	0.684 681	9.990 916	2	322	
679	9.306 271	37	9.315 357	38	0.684 643	9.990 914	1	321	
.680	9.306 308	37	9.315 395	38	0.684 605	9.990 913	2	**.320**	
681	9.306 345	36	9.315 433	39	0.684 567	9.990 911	1	319	
682	9.306 381	37	9.315 472	38	0.684 528	9.990 910	2	318	
683	9.306 418	37	9.315 510	38	0.684 490	9.990 908	1	317	
684	9.306 455	36	9.315 548	38	0.684 452	9.990 907	2	316	
685	9.306 491	37	9.315 586	39	0.684 414	9.990 905	2	315	
686	9.306 528	37	9.315 625	38	0.684 375	9.990 903	1	314	
687	9.306 565	36	9.315 663	38	0.684 337	9.990 902	2	313	
688	9.306 601	37	9.315 701	38	0.684 299	9.990 900	1	312	
689	9.306 638	37	9.315 739	38	0.684 261	9.990 899	2	311	
.690	9.306 675	36	9.315 777	39	0.684 223	9.990 897	1	**.310**	
691	9.306 711	37	9.315 816	38	0.684 184	9.990 896	2	309	
692	9.306 748	36	9.315 854	38	0.684 146	9.990 894	1	308	
693	9.306 784	37	9.315 892	38	0.684 108	9.990 893	2	307	
694	9.306 821	37	9.315 930	38	0.684 070	9.990 891	2	306	
695	9.306 858	36	9.315 968	39	0.684 032	9.990 889	1	305	
696	9.306 894	37	9.316 007	38	0.683 993	9.990 888	2	304	
697	9.306 931	37	9.316 045	38	0.683 955	9.990 886	1	303	
698	9.306 968	36	9.316 083	38	0.683 917	9.990 885	2	302	
699	9.307 004	37	9.316 121	38	0.683 879	9.990 883	1	301	
.700	9.307 041		9.316 159		0.683 841	9.990 882		**.300**	
	cos	d	cotg	d	tang	sin	d	**78°**	P.P.

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78°.350 — 78°.300

11°.700 — 11°.750

11°	sin	d	tang	d	cotg	cos	d		P.P.
.700	9.307 041	36	9.316 159	38	0.683 841	9.990 882	2	.300	
701	9.307 077	37	9.316 197	39	0.683 803	9.990 880	2	299	
702	9.307 114	37	9.316 236	38	0.683 764	9.990 878	1	298	
703	9.307 151	36	9.316 274	38	0.683 726	9.990 877	2	297	
704	9.307 187	37	9.316 312	38	0.683 688	9.990 875	1	296	
705	9.307 224	36	9.316 350	38	0.683 650	9.990 874	2	295	
706	9.307 260	37	9.316 388	38	0.683 612	9.990 872	1	294	
707	9.307 297	36	9.316 426	38	0.683 574	9.990 871	2	293	
708	9.307 333	37	9.316 464	39	0.683 536	9.990 869	2	292	
709	9.307 370	37	9.316 503	38	0.683 497	9.990 867	1	291	
.710	9.307 407	36	9.316 541	38	0.683 459	9.990 866	2	.290	
711	9.307 443	37	9.316 579	38	0.683 421	9.990 864	1	289	
712	9.307 480	36	9.316 617	38	0.683 383	9.990 863	2	288	
713	9.307 516	37	9.316 655	38	0.683 345	9.990 861	1	287	
714	9.307 553	36	9.316 693	38	0.683 307	9.990 860	2	286	
715	9.307 589	37	9.316 731	39	0.683 269	9.990 858	2	285	
716	9.307 626	37	9.316 770	38	0.683 230	9.990 856	1	284	
717	9.307 663	36	9.316 808	38	0.683 192	9.990 855	2	283	
718	9.307 699	37	9.316 846	38	0.683 154	9.990 853	1	282	
719	9.307 736	36	9.316 884	38	0.683 116	9.990 852	2	281	
.720	9.307 772	37	9.316 922	38	0.683 078	9.990 850	1	.280	
721	9.307 809	36	9.316 960	38	0.683 040	9.990 849	2	279	
722	9.307 845	37	9.316 998	38	0.683 002	9.990 847	2	278	
723	9.307 882	36	9.317 036	38	0.682 964	9.990 845	1	277	
724	9.307 918	37	9.317 074	39	0.682 926	9.990 844	2	276	
725	9.307 955	36	9.317 113	38	0.682 887	9.990 842	1	275	
726	9.307 991	37	9.317 151	38	0.682 849	9.990 841	2	274	
727	9.308 028	36	9.317 189	38	0.682 811	9.990 839	1	273	
728	9.308 064	37	9.317 227	38	0.682 773	9.990 838	2	272	
729	9.308 101	36	9.317 265	38	0.682 735	9.990 836	2	271	
.730	9.308 137	37	9.317 303	38	0.682 697	9.990 834	1	.270	
731	9.308 174	36	9.317 341	38	0.682 659	9.990 833	2	269	
732	9.308 210	37	9.317 379	38	0.682 621	9.990 831	1	268	
733	9.308 247	36	9.317 417	38	0.682 583	9.990 830	2	267	
734	9.308 283	37	9.317 455	38	0.682 545	9.990 828	2	266	
735	9.308 320	36	9.317 493	38	0.682 507	9.990 826	1	265	
736	9.308 356	37	9.317 531	38	0.682 469	9.990 825	2	264	
737	9.308 393	36	9.317 569	39	0.682 431	9.990 823	1	263	
738	9.308 429	37	9.317 608	38	0.682 392	9.990 822	2	262	
739	9.308 466	36	9.317 646	38	0.682 354	9.990 820	1	261	
.740	9.308 502	37	9.317 684	38	0.682 316	9.990 819	2	.260	
741	9.308 539	36	9.317 722	38	0.682 278	9.990 817	2	259	
742	9.308 575	37	9.317 760	38	0.682 240	9.990 815	1	258	
743	9.308 612	36	9.317 798	38	0.682 202	9.990 814	2	257	
744	9.308 648	37	9.317 836	38	0.682 164	9.990 812	1	256	
745	9.308 685	36	9.317 874	38	0.682 126	9.990 811	2	255	
746	9.308 721	36	9.317 912	38	0.682 088	9.990 809	1	254	
747	9.308 757	37	9.317 950	38	0.682 050	9.990 808	2	253	
748	9.308 794	36	9.317 988	38	0.682 012	9.990 806	2	252	
749	9.308 830	37	9.318 026	38	0.681 974	9.990 804	1	251	
.750	9.308 867		9.318 064		0.681 936	9.990 803		.250	
	cos	d	cotg	d	tang	sin	d	78°	P.P.

	39
1	3.9
2	7.8
3	11.7
4	15.6
5	19.5
6	23.4
7	27.3
8	31.2
9	35.1

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1	3.8
2	7.6
3	11.4
4	15.2
5	19.0
6	22.8
7	26.6
8	30.4
9	34.2

	37
1	3.7
2	7.4
3	11.1
4	14.8
5	18.5
6	22.2
7	25.9
8	29.6
9	33.3

	36
1	3.6
2	7.2
3	10.8
4	14.4
5	18.0
6	21.6
7	25.2
8	28.8
9	32.4

78°.300 — 78°.250

11°.750 — 11°.800

11°	sin	d	tang	d	cotg	cos	d		P.P.
.750	9.308 867	36	9.318 064	38	0.681 936	9.990 803	2	**.250**	
751	9.308 903	37	9.318 102	38	0.681 898	9.990 801	1	249	
752	9.308 940	36	9.318 140	38	0.681 860	9.990 800	2	248	
753	9.308 976	37	9.318 178	38	0.681 822	9.990 798	1	247	
754	9.309 013	36	9.318 216	38	0.681 784	9.990 797	2	246	
755	9.309 049	36	9.318 254	38	0.681 746	9.990 795	2	245	
756	9.309 085	37	9.318 292	38	0.681 708	9.990 793	1	244	
757	9.309 122	36	9.318 330	38	0.681 670	9.990 792	2	243	
758	9.309 158	37	9.318 368	38	0.681 632	9.990 790	1	242	
759	9.309 195	36	9.318 406	38	0.681 594	9.990 789	2	241	
.760	9.309 231	36	9.318 444	38	0.681 556	9.990 787	1	**.240**	
761	9.309 267	37	9.318 482	38	0.681 518	9.990 786	2	239	
762	9.309 304	36	9.318 520	38	0.681 480	9.990 784	2	238	
763	9.309 340	37	9.318 558	38	0.681 442	9.990 782	1	237	
764	9.309 377	36	9.318 596	38	0.681 404	9.990 781	2	236	
765	9.309 413	36	9.318 634	38	0.681 366	9.990 779	1	235	
766	9.309 449	37	9.318 672	38	0.681 328	9.990 778	2	234	
767	9.309 486	36	9.318 710	38	0.681 290	9.990 776	2	233	
768	9.309 522	37	9.318 748	38	0.681 252	9.990 774	1	232	
769	9.309 559	36	9.318 786	38	0.681 214	9.990 773	2	231	
.770	9.309 595	36	9.318 824	38	0.681 176	9.990 771	1	**.230**	
771	9.309 631	37	9.318 862	38	0.681 138	9.990 770	2	229	
772	9.309 668	36	9.318 900	38	0.681 100	9.990 768	1	228	
773	9.309 704	37	9.318 938	38	0.681 062	9.990 767	2	227	
774	9.309 741	36	9.318 976	37	0.681 024	9.990 765	2	226	
775	9.309 777	36	9.319 013	38	0.680 987	9.990 763	1	225	
776	9.309 813	37	9.319 051	38	0.680 949	9.990 762	2	224	
777	9.309 850	36	9.319 089	38	0.680 911	9.990 760	1	223	
778	9.309 886	36	9.319 127	38	0.680 873	9.990 759	2	222	
779	9.309 922	37	9.319 165	38	0.680 835	9.990 757	1	221	
.780	9.309 959	36	9.319 203	38	0.680 797	9.990 756	2	**.220**	
781	9.309 995	36	9.319 241	38	0.680 759	9.990 754	2	219	
782	9.310 031	37	9.319 279	38	0.680 721	9.990 752	1	218	
783	9.310 068	36	9.319 317	38	0.680 683	9.990 751	2	217	
784	9.310 104	36	9.319 355	38	0.680 645	9.990 749	1	216	
785	9.310 140	37	9.319 393	38	0.680 607	9.990 748	2	215	
786	9.310 177	36	9.319 431	38	0.680 569	9.990 746	2	214	
787	9.310 213	36	9.319 469	37	0.680 531	9.990 744	1	213	
788	9.310 249	37	9.319 506	38	0.680 494	9.990 743	2	212	
789	9.310 286	36	9.319 544	38	0.680 456	9.990 741	1	211	
.790	9.310 322	36	9.319 582	38	0.680 418	9.990 740	2	**.210**	
791	9.310 358	37	9.319 620	38	0.680 380	9.990 738	1	209	
792	9.310 395	36	9.319 658	38	0.680 342	9.990 737	2	208	
793	9.310 431	36	9.319 696	38	0.680 304	9.990 735	2	207	
794	9.310 467	36	9.319 734	38	0.680 266	9.990 733	1	206	
795	9.310 503	37	9.319 772	38	0.680 228	9.990 732	2	205	
796	9.310 540	36	9.319 810	37	0.680 190	9.990 730	1	204	
797	9.310 576	36	9.319 847	38	0.680 153	9.990 729	2	203	
798	9.310 612	37	9.319 885	38	0.680 115	9.990 727	2	202	
799	9.310 649	36	9.319 923	38	0.680 077	9.990 725	1	201	
.800	9.310 685		9.319 961		0.680 039	9.990 724		**.200**	
	cos	d	cotg	d	tang	sin	d	**78°**	P.P.

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1	3.8
2	7.6
3	11.4
4	15.2
5	19.0
6	22.8
7	26.6
8	30.4
9	34.2

	37
1	3.7
2	7.4
3	11.1
4	14.8
5	18.5
6	22.2
7	25.9
8	29.6
9	33.3

	36
1	3.6
2	7.2
3	10.8
4	14.4
5	18.0
6	21.6
7	25.2
8	28.8
9	32.4

78°.250 — 78°.200

11°.800 — 11°.850

11°	sin	d	tang	d	cotg	cos	d		P.P.
.800	9.310 685	36	9.319 961	38	0.680 039	9.990 724	2	**.200**	
801	9.310 721	36	9.319 999	38	0.680 001	9.990 722	1	199	
802	9.310 757	37	9.320 037	38	0.679 963	9.990 721	2	198	
803	9.310 794	36	9.320 075	38	0.679 925	9.990 719	1	197	
804	9.310 830	36	9.320 113	37	0.679 887	9.990 718	2	196	
805	9.310 866	37	9.320 150	38	0.679 850	9.990 716	2	195	
806	9.310 903	36	9.320 188	38	0.679 812	9.990 714	1	194	
807	9.310 939	36	9.320 226	38	0.679 774	9.990 713	2	193	38
808	9.310 975	36	9.320 264	38	0.679 736	9.990 711	1	192	1 3.8
809	9.311 011	37	9.320 302	38	0.679 698	9.990 710	2	191	2 7.6
.810	9.311 048	36	9.320 340	37	0.679 660	9.990 708	2	**.190**	3 11.4
811	9.311 084	36	9.320 377	38	0.679 623	9.990 706	1	189	4 15.2
812	9.311 120	36	9.320 415	38	0.679 585	9.990 705	2	188	5 19.0
813	9.311 156	37	9.320 453	38	0.679 547	9.990 703	1	187	6 22.8
814	9.311 193	36	9.320 491	38	0.679 509	9.990 702	2	186	7 26.6
815	9.311 229	36	9.320 529	38	0.679 471	9.990 700	1	185	8 30.4
816	9.311 265	36	9.320 567	37	0.679 433	9.990 699	2	184	9 34.2
817	9.311 301	37	9.320 604	38	0.679 396	9.990 697	2	183	
818	9.311 338	36	9.320 642	38	0.679 358	9.990 695	1	182	
819	9.311 374	36	9.320 680	38	0.679 320	9.990 694	2	181	
.820	9.311 410	36	9.320 718	38	0.679 282	9.990 692	1	**.180**	
821	9.311 446	36	9.320 756	37	0.679 244	9.990 691	2	179	37
822	9.311 482	37	9.320 793	38	0.679 207	9.990 689	2	178	1 3.7
823	9.311 519	36	9.320 831	38	0.679 169	9.990 687	1	177	2 7.4
824	9.311 555	36	9.320 869	38	0.679 131	9.990 686	2	176	3 11.1
825	9.311 591	36	9.320 907	38	0.679 093	9.990 684	1	175	4 14.8
826	9.311 627	36	9.320 945	37	0.679 055	9.990 683	2	174	5 18.5
827	9.311 663	37	9.320 982	38	0.679 018	9.990 681	2	173	6 22.2
828	9.311 700	36	9.321 020	38	0.678 980	9.990 679	1	172	7 25.9
829	9.311 736	36	9.321 058	38	0.678 942	9.990 678	2	171	8 29.6
.830	9.311 772	36	9.321 096	37	0.678 904	9.990 676	1	**.170**	9 33.3
831	9.311 808	36	9.321 133	38	0.678 867	9.990 675	2	169	
832	9.311 844	37	9.321 171	38	0.678 829	9.990 673	1	168	
833	9.311 881	36	9.321 209	38	0.678 791	9.990 672	2	167	
834	9.311 917	36	9.321 247	38	0.678 753	9.990 670	2	166	
835	9.311 953	36	9.321 285	37	0.678 715	9.990 668	1	165	
836	9.311 989	36	9.321 322	38	0.678 678	9.990 667	2	164	36
837	9.312 025	36	9.321 360	38	0.678 640	9.990 665	1	163	1 3.6
838	9.312 061	37	9.321 398	38	0.678 602	9.990 664	2	162	2 7.2
839	9.312 098	36	9.321 436	37	0.678 564	9.990 662	2	161	3 10.8
.840	9.312 134	36	9.321 473	38	0.678 527	9.990 660	1	**.160**	4 14.4
841	9.312 170	36	9.321 511	38	0.678 489	9.990 659	2	159	5 18.0
842	9.312 206	36	9.321 549	38	0.678 451	9.990 657	1	158	6 21.6
843	9.312 242	36	9.321 587	37	0.678 413	9.990 656	2	157	7 25.2
844	9.312 278	36	9.321 624	38	0.678 376	9.990 654	2	156	8 28.8
845	9.312 314	37	9.321 662	38	0.678 338	9.990 652	1	155	9 32.4
846	9.312 351	36	9.321 700	37	0.678 300	9.990 651	2	154	
847	9.312 387	36	9.321 737	38	0.678 263	9.990 649	1	153	
848	9.312 423	36	9.321 775	38	0.678 225	9.990 648	2	152	
849	9.312 459	36	9.321 813	38	0.678 187	9.990 646	1	151	
.850	9.312 495		9.321 851		0.678 149	9.990 645		**.150**	
	cos	d	cotg	d	tang	sin	d	78°	P.P.

78°.200 — 78°.150

11°.850 — 11°.900

11°	sin	d	tang	d	cotg	cos	d		P.P.
.850	9.312 495	36	9.321 851	37	0.678 149	9.990 645	2	**.150**	
851	9.312 531	36	9.321 888	38	0.678 112	9.990 643	2	149	
852	9.312 567	36	9.321 926	38	0.678 074	9.990 641	1	148	
853	9.312 603	37	9.321 964	37	0.678 036	9.990 640	2	147	
854	9.312 640	36	9.322 001	38	0.677 999	9.990 638	1	146	
855	9.312 676	36	9.322 039	38	0.677 961	9.990 637	2	145	
856	9.312 712	36	9.322 077	38	0.677 923	9.990 635	2	144	
857	9.312 748	36	9.322 115	37	0.677 885	9.990 633	1	143	
858	9.312 784	36	9.322 152	38	0.677 848	9.990 632	2	142	
859	9.312 820	36	9.322 190	38	0.677 810	9.990 630	1	141	
.860	9.312 856	36	9.322 228	37	0.677 772	9.990 629	2	**.140**	
861	9.312 892	36	9.322 265	38	0.677 735	9.990 627	2	139	
862	9.312 928	36	9.322 303	38	0.677 697	9.990 625	1	138	
863	9.312 964	37	9.322 341	37	0.677 659	9.990 624	2	137	
864	9.313 001	36	9.322 378	38	0.677 622	9.990 622	1	136	
865	9.313 037	36	9.322 416	38	0.677 584	9.990 621	2	135	
866	9.313 073	36	9.322 454	37	0.677 546	9.990 619	2	134	
867	9.313 109	36	9.322 491	38	0.677 509	9.990 617	1	133	
868	9.313 145	36	9.322 529	38	0.677 471	9.990 616	2	132	
869	9.313 181	36	9.322 567	37	0.677 433	9.990 614	1	131	
.870	9.313 217	36	9.322 604	38	0.677 396	9.990 613	2	**.130**	
871	9.313 253	36	9.322 642	38	0.677 358	9.990 611	2	129	
872	9.313 289	36	9.322 680	37	0.677 320	9.990 609	1	128	
873	9.313 325	36	9.322 717	38	0.677 283	9.990 608	2	127	
874	9.313 361	36	9.322 755	38	0.677 245	9.990 606	1	126	
875	9.313 397	36	9.322 793	37	0.677 207	9.990 605	2	125	
876	9.313 433	36	9.322 830	38	0.677 170	9.990 603	1	124	
877	9.313 469	36	9.322 868	37	0.677 132	9.990 602	2	123	
878	9.313 505	36	9.322 905	38	0.677 095	9.990 600	2	122	
879	9.313 541	36	9.322 943	38	0.677 057	9.990 598	1	121	
.880	9.313 577	37	9.322 981	37	0.677 019	9.990 597	2	**.120**	
881	9.313 614	36	9.323 018	38	0.676 982	9.990 595	1	119	
882	9.313 650	36	9.323 056	38	0.676 944	9.990 594	2	118	
883	9.313 686	36	9.323 094	37	0.676 906	9.990 592	2	117	
884	9.313 722	36	9.323 131	38	0.676 869	9.990 590	1	116	
885	9.313 758	36	9.323 169	37	0.676 831	9.990 589	2	115	
886	9.313 794	36	9.323 206	38	0.676 794	9.990 587	1	114	
887	9.313 830	36	9.323 244	38	0.676 756	9.990 586	2	113	
888	9.313 866	36	9.323 282	37	0.676 718	9.990 584	2	112	
889	9.313 902	36	9.323 319	38	0.676 681	9.990 582	1	111	
.890	9.313 938	36	9.323 357	37	0.676 643	9.990 581	2	**.110**	
891	9.313 974	36	9.323 394	38	0.676 606	9.990 579	1	109	
892	9.314 010	36	9.323 432	38	0.676 568	9.990 578	2	108	
893	9.314 046	36	9.323 470	37	0.676 530	9.990 576	2	107	
894	9.314 082	36	9.323 507	38	0.676 493	9.990 574	1	106	
895	9.314 118	36	9.323 545	37	0.676 455	9.990 573	2	105	
896	9.314 154	36	9.323 582	38	0.676 418	9.990 571	1	104	
897	9.314 190	36	9.323 620	38	0.676 380	9.990 570	2	103	
898	9.314 226	36	9.323 658	37	0.676 342	9.990 568	2	102	
899	9.314 262	35	9.323 695	38	0.676 305	9.990 566	1	101	
.900	9.314 297		9.323 733		0.676 267	9.990 565		**.100**	
	cos	d	cotg	d	tang	sin	d	**78°**	P.P.

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1	3.8
2	7.6
3	11.4
4	15.2
5	19.0
6	22.8
7	26.6
8	30.4
9	34.2

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1	3.7
2	7.4
3	11.1
4	14.8
5	18.5
6	22.2
7	25.9
8	29.6
9	33.3

	36
1	3.6
2	7.2
3	10.8
4	14.4
5	18.0
6	21.6
7	25.2
8	28.8
9	32.4

	35
1	3.5
2	7.0
3	10.5
4	14.0
5	17.5
6	21.0
7	24.5
8	28.0
9	31.5

78°.150 — 78°.100

11°.900 — 11°.950

11°	sin	d	tang	d	cotg	cos	d		P.P.
.900	9.314 297	36	9.323 733	37	0.676 267	9.990 565	2	.100	
901	9.314 333	36	9.323 770	38	0.676 230	9.990 563	1	099	
902	9.314 369	36	9.323 808	37	0.676 192	9.990 562	2	098	
903	9.314 405	36	9.323 845	38	0.676 155	9.990 560	2	097	
904	9.314 441	36	9.323 883	37	0.676 117	9.990 558	1	096	
905	9.314 477	36	9.323 920	38	0.676 080	9.990 557	2	095	
906	9.314 513	36	9.323 958	38	0.676 042	9.990 555	1	094	
907	9.314 549	36	9.323 996	37	0.676 004	9.990 554	2	093	
908	9.314 585	36	9.324 033	38	0.675 967	9.990 552	2	092	
909	9.314 621	36	9.324 071	37	0.675 929	9.990 550	1	091	
.910	9.314 657	36	9.324 108	38	0.675 892	9.990 549	2	.090	
911	9.314 693	36	9.324 146	37	0.675 854	9.990 547	1	089	
912	9.314 729	36	9.324 183	38	0.675 817	9.990 546	2	088	
913	9.314 765	36	9.324 221	37	0.675 779	9.990 544	2	087	
914	9.314 801	36	9.324 258	38	0.675 742	9.990 542	1	086	
915	9.314 837	36	9.324 296	37	0.675 704	9.990 541	2	085	
916	9.314 873	36	9.324 333	38	0.675 667	9.990 539	1	084	
917	9.314 909	35	9.324 371	37	0.675 629	9.990 538	2	083	
918	9.314 944	36	9.324 408	38	0.675 592	9.990 536	2	082	
919	9.314 980	36	9.324 446	37	0.675 554	9.990 534	1	081	
.920	9.315 016	36	9.324 483	38	0.675 517	9.990 533	2	.080	
921	9.315 052	36	9.324 521	37	0.675 479	9.990 531	1	079	
922	9.315 088	36	9.324 558	38	0.675 442	9.990 530	2	078	
923	9.315 124	36	9.324 596	37	0.675 404	9.990 528	2	077	
924	9.315 160	36	9.324 633	38	0.675 367	9.990 526	1	076	
925	9.315 196	36	9.324 671	37	0.675 329	9.990 525	2	075	
926	9.315 232	36	9.324 708	38	0.675 292	9.990 523	1	074	
927	9.315 268	35	9.324 746	37	0.675 254	9.990 522	2	073	
928	9.315 303	36	9.324 783	38	0.675 217	9.990 520	2	072	
929	9.315 339	36	9.324 821	37	0.675 179	9.990 518	1	071	
.930	9.315 375	36	9.324 858	38	0.675 142	9.990 517	2	.070	
931	9.315 411	36	9.324 896	37	0.675 104	9.990 515	1	069	
932	9.315 447	36	9.324 933	38	0.675 067	9.990 514	2	068	
933	9.315 483	36	9.324 971	37	0.675 029	9.990 512	2	067	
934	9.315 519	35	9.325 008	38	0.674 992	9.990 510	1	066	
935	9.315 554	36	9.325 046	37	0.674 954	9.990 509	2	065	
936	9.315 590	36	9.325 083	38	0.674 917	9.990 507	1	064	
937	9.315 626	36	9.325 121	37	0.674 879	9.990 506	2	063	
938	9.315 662	36	9.325 158	37	0.674 842	9.990 504	2	062	
939	9.315 698	36	9.325 195	38	0.674 805	9.990 502	1	061	
.940	9.315 734	36	9.325 233	37	0.674 767	9.990 501	2	.060	
941	9.315 770	35	9.325 270	38	0.674 730	9.990 499	1	059	
942	9.315 805	36	9.325 308	37	0.674 692	9.990 498	2	058	
943	9.315 841	36	9.325 345	38	0.674 655	9.990 496	2	057	
944	9.315 877	36	9.325 383	37	0.674 617	9.990 494	1	056	
945	9.315 913	36	9.325 420	38	0.674 580	9.990 493	2	055	
946	9.315 949	36	9.325 458	37	0.674 542	9.990 491	1	054	
947	9.315 985	35	9.325 495	37	0.674 505	9.990 490	2	053	
948	9.316 020	36	9.325 532	38	0.674 468	9.990 488	2	052	
949	9.316 056	36	9.325 570	37	0.674 430	9.990 486	1	051	
.950	9.316 092		9.325 607		0.674 393	9.990 485		.050	
	cos	d	cotg	d	tang	sin	d	78°	P.P.

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1	3.8
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3	11.4
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4	14.4
5	18.0
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9	32.4

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4	14.0
5	17.5
6	21.0
7	24.5
8	28.0
9	31.5

78°.100 — 78°.050

11°.950 — 12°.000

11°	sin	d	tang	d	cotg	cos	d		P.P.
.950	9.316 092	36	9.325 607	38	0.674 393	9.990 485	2	**.050**	
951	9.316 128	36	9.325 645	37	0.674 355	9.990 483	1	049	
952	9.316 164	35	9.325 682	38	0.674 318	9.990 482	2	048	
953	9.316 199	36	9.325 720	37	0.674 280	9.990 480	2	047	
954	9.316 235	36	9.325 757	37	0.674 243	9.990 478	1	046	
955	9.316 271	36	9.325 794	38	0.674 206	9.990 477	2	045	
956	9.316 307	36	9.325 832	37	0.674 168	9.990 475	1	044	
957	9.316 343	35	9.325 869	38	0.674 131	9.990 474	2	043	
958	9.316 378	36	9.325 907	37	0.674 093	9.990 472	2	042	
959	9.316 414	36	9.325 944	37	0.674 056	9.990 470	1	041	
.960	9.316 450	36	9.325 981	38	0.674 019	9.990 469	2	**.040**	
961	9.316 486	36	9.326 019	37	0.673 981	9.990 467	1	039	
962	9.316 522	35	9.326 056	37	0.673 944	9.990 466	2	038	
963	9.316 557	36	9.326 093	38	0.673 907	9.990 464	2	037	
964	9.316 593	36	9.326 131	37	0.673 869	9.990 462	1	036	
965	9.316 629	36	9.326 168	38	0.673 832	9.990 461	2	035	
966	9.316 665	35	9.326 206	37	0.673 794	9.990 459	2	034	
967	9.316 700	36	9.326 243	37	0.673 757	9.990 457	1	033	
968	9.316 736	36	9.326 280	38	0.673 720	9.990 456	2	032	
969	9.316 772	36	9.326 318	37	0.673 682	9.990 454	1	031	
.970	9.316 808	35	9.326 355	37	0.673 645	9.990 453	2	**.030**	
971	9.316 843	36	9.326 392	38	0.673 608	9.990 451	2	029	
972	9.316 879	36	9.326 430	37	0.673 570	9.990 449	1	028	
973	9.316 915	36	9.326 467	37	0.673 533	9.990 448	2	027	
974	9.316 951	35	9.326 504	38	0.673 496	9.990 446	1	026	
975	9.316 986	36	9.326 542	37	0.673 458	9.990 445	2	025	
976	9.317 022	36	9.326 579	37	0.673 421	9.990 443	2	024	
977	9.317 058	36	9.326 616	38	0.673 384	9.990 441	1	023	
978	9.317 094	35	9.326 654	37	0.673 346	9.990 440	2	022	
979	9.317 129	36	9.326 691	37	0.673 309	9.990 438	1	021	
.980	9.317 165	36	9.326 728	38	0.673 272	9.990 437	2	**.020**	
981	9.317 201	36	9.326 766	37	0.673 234	9.990 435	2	019	
982	9.317 237	35	9.326 803	37	0.673 197	9.990 433	1	018	
983	9.317 272	36	9.326 840	38	0.673 160	9.990 432	2	017	
984	9.317 308	36	9.326 878	37	0.673 122	9.990 430	1	016	
985	9.317 344	35	9.326 915	37	0.673 085	9.990 429	2	015	
986	9.317 379	36	9.326 952	38	0.673 048	9.990 427	2	014	
987	9.317 415	36	9.326 990	37	0.673 010	9.990 425	1	013	
988	9.317 451	35	9.327 027	37	0.672 973	9.990 424	2	012	
989	9.317 486	36	9.327 064	38	0.672 936	9.990 422	2	011	
.990	9.317 522	36	9.327 102	37	0.672 898	9.990 420	1	**.010**	
991	9.317 558	36	9.327 139	37	0.672 861	9.990 419	2	009	
992	9.317 594	35	9.327 176	38	0.672 824	9.990 417	1	008	
993	9.317 629	36	9.327 214	37	0.672 786	9.990 416	2	007	
994	9.317 665	36	9.327 251	37	0.672 749	9.990 414	2	006	
995	9.317 701	35	9.327 288	37	0.672 712	9.990 412	1	005	
996	9.317 736	36	9.327 325	38	0.672 675	9.990 411	2	004	
997	9.317 772	36	9.327 363	37	0.672 637	9.990 409	1	003	
998	9.317 808	35	9.327 400	37	0.672 600	9.990 408	2	002	
999	9.317 843	36	9.327 437	38	0.672 563	9.990 406	2	001	
*000	9.317 879		9.327 475		0.672 525	9.990 404		**.000**	
	cos	d	cotg	d	tang	sin	d	78°	P.P.

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5	18.0
6	21.6
7	25.2
8	28.8
9	32.4

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2	7.0
3	10.5
4	14.0
5	17.5
6	21.0
7	24.5
8	28.0
9	31.5

78°.050 — 78°.000

12°.000 — 12°.050

12°	sin	d	tang	d	cotg	cos	d		P.P.
.000	9.317 879	36	9.327 475	37	0.672 525	9.990 404	1	***000**	
001	9.317 915	35	9.327 512	37	0.672 488	9.990 403	2	999	
002	9.317 950	36	9.327 549	37	0.672 451	9.990 401	1	998	
003	9.317 986	36	9.327 586	38	0.672 414	9.990 400	2	997	
004	9.318 022	35	9.327 624	37	0.672 376	9.990 398	2	996	
005	9.318 057	36	9.327 661	37	0.672 339	9.990 396	1	995	
006	9.318 093	35	9.327 698	37	0.672 302	9.990 395	2	994	
007	9.318 128	36	9.327 735	38	0.672 265	9.990 393	1	993	
008	9.318 164	36	9.327 773	37	0.672 227	9.990 392	2	992	
009	9.318 200	35	9.327 810	37	0.672 190	9.990 390	2	991	
.010	9.318 235	36	9.327 847	37	0.672 153	9.990 388	1	**.990**	
011	9.318 271	36	9.327 884	38	0.672 116	9.990 387	2	989	
012	9.318 307	35	9.327 922	37	0.672 078	9.990 385	2	988	
013	9.318 342	36	9.327 959	37	0.672 041	9.990 383	1	987	
014	9.318 378	35	9.327 996	37	0.672 004	9.990 382	2	986	
015	9.318 413	36	9.328 033	37	0.671 967	9.990 380	1	985	
016	9.318 449	36	9.328 070	38	0.671 930	9.990 379	2	984	
017	9.318 485	35	9.328 108	37	0.671 892	9.990 377	2	983	
018	9.318 520	36	9.328 145	37	0.671 855	9.990 375	1	982	
019	9.318 556	36	9.328 182	37	0.671 818	9.990 374	2	981	
.020	9.318 592	35	9.328 219	38	0.671 781	9.990 372	1	**.980**	
021	9.318 627	36	9.328 257	37	0.671 743	9.990 371	2	979	
022	9.318 663	35	9.328 294	37	0.671 706	9.990 369	2	978	
023	9.318 698	36	9.328 331	37	0.671 669	9.990 367	1	977	
024	9.318 734	35	9.328 368	37	0.671 632	9.990 366	2	976	
025	9.318 769	36	9.328 405	38	0.671 595	9.990 364	2	975	
026	9.318 805	36	9.328 443	37	0.671 557	9.990 362	1	974	
027	9.318 841	35	9.328 480	37	0.671 520	9.990 361	2	973	
028	9.318 876	36	9.328 517	37	0.671 483	9.990 359	1	972	
029	9.318 912	35	9.328 554	37	0.671 446	9.990 358	2	971	
.030	9.318 947	36	9.328 591	38	0.671 409	9.990 356	2	**.970**	
031	9.318 983	35	9.328 629	37	0.671 371	9.990 354	1	969	
032	9.319 018	36	9.328 666	37	0.671 334	9.990 353	2	968	
033	9.319 054	36	9.328 703	37	0.671 297	9.990 351	1	967	
034	9.319 090	35	9.328 740	37	0.671 260	9.990 350	2	966	
035	9.319 125	36	9.328 777	37	0.671 223	9.990 348	2	965	
036	9.319 161	35	9.328 814	38	0.671 186	9.990 346	1	964	
037	9.319 196	36	9.328 852	37	0.671 148	9.990 345	2	963	
038	9.319 232	35	9.328 889	37	0.671 111	9.990 343	2	962	
039	9.319 267	36	9.328 926	37	0.671 074	9.990 341	1	961	
.040	9.319 303	35	9.328 963	37	0.671 037	9.990 340	2	**.960**	
041	9.319 338	36	9.329 000	37	0.671 000	9.990 338	1	959	
042	9.319 374	35	9.329 037	38	0.670 963	9.990 337	2	958	
043	9.319 409	36	9.329 075	37	0.670 925	9.990 335	2	957	
044	9.319 445	36	9.329 112	37	0.670 888	9.990 333	1	956	
045	9.319 481	35	9.329 149	37	0.670 851	9.990 332	2	955	
046	9.319 516	36	9.329 186	37	0.670 814	9.990 330	1	954	
047	9.319 552	35	9.329 223	37	0.670 777	9.990 329	2	953	
048	9.319 587	36	9.329 260	37	0.670 740	9.990 327	2	952	
049	9.319 623	35	9.329 297	37	0.670 703	9.990 325	1	951	
.050	9.319 658		9.329 334		0.670 666	9.990 324		**.950**	
	cos	d	cotg	d	tang	sin	d	**77°**	P.P.

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7	26.6
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9	34.2

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3	11.1
4	14.8
5	18.5
6	22.2
7	25.9
8	29.6
9	33.3

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1	3.6
2	7.2
3	10.8
4	14.4
5	18.0
6	21.6
7	25.2
8	28.8
9	32.4

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1	3.5
2	7.0
3	10.5
4	14.0
5	17.5
6	21.0
7	24.5
8	28.0
9	31.5

78°.000 — 77°.950

12°.050 — 12°.100

12°	sin	d	tang	d	cotg	cos	d		P.P.
.050	9.319 658	36	9.329 334	38	0.670 666	9.990 324	2	.950	
051	9.319 694	35	9.329 372	37	0.670 628	9.990 322	2	949	
052	9.319 729	36	9.329 409	37	0.670 591	9.990 320	1	948	
053	9.319 765	35	9.329 446	37	0.670 554	9.990 319	2	947	
054	9.319 800	36	9.329 483	37	0.670 517	9.990 317	1	946	
055	9.319 836	35	9.329 520	37	0.670 480	9.990 316	2	945	
056	9.319 871	36	9.329 557	37	0.670 443	9.990 314	2	944	
057	9.319 907	35	9.329 594	37	0.670 406	9.990 312	1	943	
058	9.319 942	36	9.329 631	37	0.670 369	9.990 311	2	942	
059	9.319 978	35	9.329 668	38	0.670 332	9.990 309	2	941	
.060	9.320 013	36	9.329 706	37	0.670 294	9.990 307	1	.940	
061	9.320 049	35	9.329 743	37	0.670 257	9.990 306	2	939	
062	9.320 084	35	9.329 780	37	0.670 220	9.990 304	1	938	
063	9.320 119	36	9.329 817	37	0.670 183	9.990 303	2	937	
064	9.320 155	35	9.329 854	37	0.670 146	9.990 301	2	936	
065	9.320 190	36	9.329 891	37	0.670 109	9.990 299	1	935	
066	9.320 226	35	9.329 928	37	0.670 072	9.990 298	2	934	
067	9.320 261	36	9.329 965	37	0.670 035	9.990 296	1	933	
068	9.320 297	35	9.330 002	37	0.669 998	9.990 295	2	932	
069	9.320 332	36	9.330 039	37	0.669 961	9.990 293	2	931	
.070	9.320 368	35	9.330 076	37	0.669 924	9.990 291	1	.930	
071	9.320 403	36	9.330 113	38	0.669 887	9.990 290	2	929	
072	9.320 439	35	9.330 151	37	0.669 849	9.990 288	2	928	
073	9.320 474	35	9.330 188	37	0.669 812	9.990 286	1	927	
074	9.320 509	36	9.330 225	37	0.669 775	9.990 285	2	926	
075	9.320 545	35	9.330 262	37	0.669 738	9.990 283	1	925	
076	9.320 580	36	9.330 299	37	0.669 701	9.990 282	2	924	
077	9.320 616	35	9.330 336	37	0.669 664	9.990 280	2	923	
078	9.320 651	36	9.330 373	37	0.669 627	9.990 278	1	922	
079	9.320 687	35	9.330 410	37	0.669 590	9.990 277	2	921	
.080	9.320 722	35	9.330 447	37	0.669 553	9.990 275	2	.920	
081	9.320 757	36	9.330 484	37	0.669 516	9.990 273	1	919	
082	9.320 793	35	9.330 521	37	0.669 479	9.990 272	2	918	
083	9.320 828	36	9.330 558	37	0.669 442	9.990 270	1	917	
084	9.320 864	35	9.330 595	37	0.669 405	9.990 269	2	916	
085	9.320 899	35	9.330 632	37	0.669 368	9.990 267	2	915	
086	9.320 934	36	9.330 669	37	0.669 331	9.990 265	1	914	
087	9.320 970	35	9.330 706	37	0.669 294	9.990 264	2	913	
088	9.321 005	36	9.330 743	37	0.669 257	9.990 262	2	912	
089	9.321 041	35	9.330 780	37	0.669 220	9.990 260	1	911	
.090	9.321 076	35	9.330 817	37	0.669 183	9.990 259	2	.910	
091	9.321 111	36	9.330 854	37	0.669 146	9.990 257	1	909	
092	9.321 147	35	9.330 891	37	0.669 109	9.990 256	2	908	
093	9.321 182	36	9.330 928	37	0.669 072	9.990 254	2	907	
094	9.321 218	35	9.330 965	37	0.669 035	9.990 252	1	906	
095	9.321 253	35	9.331 002	37	0.668 998	9.990 251	2	905	
096	9.321 288	36	9.331 039	37	0.668 961	9.990 249	2	904	
097	9.321 324	35	9.331 076	37	0.668 924	9.990 247	1	903	
098	9.321 359	35	9.331 113	37	0.668 887	9.990 246	2	902	
099	9.321 394	36	9.331 150	37	0.668 850	9.990 244	1	901	
.100	9.321 430		9.331 187		0.668 813	9.990 243		.900	
	cos	d	cotg	d	tang	sin	d	77°	P.P.

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1	3.6
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3	10.8
4	14.4
5	18.0
6	21.6
7	25.2
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9	32.4

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1	3.5
2	7.0
3	10.5
4	14.0
5	17.5
6	21.0
7	24.5
8	28.0
9	31.5

77°.950 — 77°.900

12°.100 — 12°.150

12°	sin	d	tang	d	cotg	cos	d		P.P.
.100	9.321 430		9.331 187		0.668 813	9.990 243		.900	
		35		37			2		
101	9.321 465		9.331 224		0.668 776	9.990 241		899	
		35		37			2		
102	9.321 500		9.331 261		0.668 739	9.990 239		898	
		36		37			1		
103	9.321 536		9.331 298		0.668 702	9.990 238		897	
		35		37			2		
104	9.321 571		9.331 335		0.668 665	9.990 236		896	
		35		37			2		
105	9.321 606		9.331 372		0.668 628	9.990 234		895	
		36		37			1		
106	9.321 642		9.331 409		0.668 591	9.990 233		894	
		35		37			2		
107	9.321 677		9.331 446		0.668 554	9.990 231		893	
		35		37			1		
108	9.321 712		9.331 483		0.668 517	9.990 230		892	
		36		37			2		
109	9.321 748		9.331 520		0.668 480	9.990 228		891	
		35		37			2		
.110	9.321 783		9.331 557		0.668 443	9.990 226		.890	
		35		37			1		
111	9.321 818		9.331 594		0.668 406	9.990 225		889	
		36		37			2		
112	9.321 854		9.331 631		0.668 369	9.990 223		888	
		35		37			2		
113	9.321 889		9.331 668		0.668 332	9.990 221		887	
		35		37			1		
114	9.321 924		9.331 705		0.668 295	9.990 220		886	
		36		37			2		
115	9.321 960		9.331 742		0.668 258	9.990 218		885	
		35		36			1		
116	9.321 995		9.331 778		0.668 222	9.990 217		884	
		35		37			2		
117	9.322 030		9.331 815		0.668 185	9.990 215		883	
		36		37			2		
118	9.322 066		9.331 852		0.668 148	9.990 213		882	
		35		37			1		
119	9.322 101		9.331 889		0.668 111	9.990 212		881	
		35		37			2		
.120	9.322 136		9.331 926		0.668 074	9.990 210		.880	
		36		37			2		
121	9.322 172		9.331 963		0.668 037	9.990 208		879	
		35		37			1		
122	9.322 207		9.332 000		0.668 000	9.990 207		878	
		35		37			2		
123	9.322 242		9.332 037		0.667 963	9.990 205		877	
		35		37			1		
124	9.322 277		9.332 074		0.667 926	9.990 204		876	
		36		37			2		
125	9.322 313		9.332 111		0.667 889	9.990 202		875	
		35		37			2		
126	9.322 348		9.332 148		0.667 852	9.990 200		874	
		35		37			1		
127	9.322 383		9.332 185		0.667 815	9.990 199		873	
		36		37			2		
128	9.322 419		9.332 222		0.667 778	9.990 197		872	
		35		36			2		
129	9.322 454		9.332 258		0.667 742	9.990 195		871	
		35		37			1		
.130	9.322 489		9.332 295		0.667 705	9.990 194		.870	
		35		37			2		
131	9.322 524		9.332 332		0.667 668	9.990 192		869	
		36		37			1		
132	9.322 560		9.332 369		0.667 631	9.990 191		868	
		35		37			2		
133	9.322 595		9.332 406		0.667 594	9.990 189		867	
		35		37			2		
134	9.322 630		9.332 443		0.667 557	9.990 187		866	
		35		37			1		
135	9.322 665		9.332 480		0.667 520	9.990 186		865	
		36		37			2		
136	9.322 701		9.332 517		0.667 483	9.990 184		864	
		35		37			2		
137	9.322 736		9.332 554		0.667 446	9.990 182		863	
		35		36			1		
138	9.322 771		9.332 590		0.667 410	9.990 181		862	
		35		37			2		
139	9.322 806		9.332 627		0.667 373	9.990 179		861	
		36		37			2		
.140	9.322 842		9.332 664		0.667 336	9.990 177		.860	
		35		37			1		
141	9.322 877		9.332 701		0.667 299	9.990 176		859	
		35		37			2		
142	9.322 912		9.332 738		0.667 262	9.990 174		858	
		35		37			1		
143	9.322 947		9.332 775		0.667 225	9.990 173		857	
		36		37			2		
144	9.322 983		9.332 812		0.667 188	9.990 171		856	
		35		36			2		
145	9.323 018		9.332 848		0.667 152	9.990 169		855	
		35		37			1		
146	9.323 053		9.332 885		0.667 115	9.990 168		854	
		35		37			2		
147	9.323 088		9.332 922		0.667 078	9.990 166		853	
		35		37			2		
148	9.323 123		9.332 959		0.667 041	9.990 164		852	
		36		37			1		
149	9.323 159		9.332 996		0.667 004	9.990 163		851	
		35		37			2		
.150	9.323 194		9.333 033		0.666 967	9.990 161		.850	
	cos	d	cotg	d	tang	sin	d	77°	P.P.

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1	3.7
2	7.4
3	11.1
4	14.8
5	18.5
6	22.2
7	25.9
8	29.6
9	33.3

	36
1	3.6
2	7.2
3	10.8
4	14.4
5	18.0
6	21.6
7	25.2
8	28.8
9	32.4

	35
1	3.5
2	7.0
3	10.5
4	14.0
5	17.5
6	21.0
7	24.5
8	28.0
9	31.5

77°.900 — 77°.850

12°.150 — 12°.200

12°	sin	d	tang	d	cotg	cos	d		P.P.
.150	9.323 194		9.333 033		0.666 967	9.990 161		.850	
		35		37			1		
151	9.323 229		9.333 070		0.666 930	9.990 160		849	
152	9.323 264	35	9.333 106	36	0.666 894	9.990 158	2	848	
153	9.323 299	35	9.333 143	37	0.666 857	9.990 156	2	847	
		36		37			1		
154	9.323 335		9.333 180		0.666 820	9.990 155		846	
155	9.323 370	35	9.333 217	37	0.666 783	9.990 153	2	845	
156	9.323 405	35	9.333 254	37	0.666 746	9.990 151	2	844	
		35		36			1		
157	9.323 440		9.333 290		0.666 710	9.990 150		843	37
158	9.323 475	35	9.333 327	37	0.666 673	9.990 148	2	842	1 3.7
159	9.323 511	36	9.333 364	37	0.666 636	9.990 146	2	841	2 7.4
		35		37			1		3 11.1
.160	9.323 546		9.333 401		0.666 599	9.990 145		.840	4 14.8
		35		37			2		5 18.5
161	9.323 581		9.333 438		0.666 562	9.990 143		839	6 22.2
162	9.323 616	35	9.333 475	37	0.666 525	9.990 142	1	838	7 25.9
163	9.323 651	35	9.333 511	36	0.666 489	9.990 140	2	837	8 29.6
		35		37			2		9 33.3
164	9.323 686		9.333 548		0.666 452	9.990 138		836	
165	9.323 722	36	9.333 585	37	0.666 415	9.990 137	1	835	
166	9.323 757	35	9.333 622	37	0.666 378	9.990 135	2	834	
		35		37			2		
167	9.323 792		9.333 659		0.666 341	9.990 133		833	
168	9.323 827	35	9.333 695	36	0.666 305	9.990 132	1	832	
169	9.323 862	35	9.333 732	37	0.666 268	9.990 130	2	831	
		35		37			2		
.170	9.323 897		9.333 769		0.666 231	9.990 128		.830	
		36		37			1		
171	9.323 933		9.333 806		0.666 194	9.990 127		829	36
172	9.323 968	35	9.333 842	36	0.666 158	9.990 125	2	828	1 3.6
173	9.324 003	35	9.333 879	37	0.666 121	9.990 124	1	827	2 7.2
		35		37			2		3 10.8
174	9.324 038		9.333 916		0.666 084	9.990 122		826	4 14.4
175	9.324 073	35	9.333 953	37	0.666 047	9.990 120	2	825	5 18.0
176	9.324 108	35	9.333 990	37	0.666 010	9.990 119	1	824	6 21.6
		35		36			2		7 25.2
177	9.324 143		9.334 026		0.665 974	9.990 117		823	8 28.8
178	9.324 178	35	9.334 063	37	0.665 937	9.990 115	2	822	9 32.4
179	9.324 214	36	9.334 100	37	0.665 900	9.990 114	1	821	
		35		37			2		
.180	9.324 249		9.334 137		0.665 863	9.990 112		.820	
		35		36			1		
181	9.324 284		9.334 173		0.665 827	9.990 111		819	
182	9.324 319	35	9.334 210	37	0.665 790	9.990 109	2	818	
183	9.324 354	35	9.334 247	37	0.665 753	9.990 107	2	817	
		35		37			1		
184	9.324 389		9.334 284		0.665 716	9.990 106		816	
185	9.324 424	35	9.334 320	36	0.665 680	9.990 104	2	815	
186	9.324 459	35	9.334 357	37	0.665 643	9.990 102	2	814	35
		35		37			1		
187	9.324 494		9.334 394		0.665 606	9.990 101		813	1 3.5
188	9.324 530	36	9.334 430	36	0.665 570	9.990 099	2	812	2 7.0
189	9.324 565	35	9.334 467	37	0.665 533	9.990 097	2	811	3 10.5
		35		37			1		4 14.0
.190	9.324 600		9.334 504		0.665 496	9.990 096		.810	5 17.5
		35		37			2		6 21.0
191	9.324 635		9.334 541		0.665 459	9.990 094		809	7 24.5
192	9.324 670	35	9.334 577	36	0.665 423	9.990 093	1	808	8 28.0
193	9.324 705	35	9.334 614	37	0.665 386	9.990 091	2	807	9 31.5
		35		37			2		
194	9.324 740		9.334 651		0.665 349	9.990 089		806	
195	9.324 775	35	9.334 688	37	0.665 312	9.990 088	1	805	
196	9.324 810	35	9.334 724	36	0.665 276	9.990 086	2	804	
		35		37			2		
197	9.324 845		9.334 761		0.665 239	9.990 084		803	
198	9.324 880	35	9.334 798	37	0.665 202	9.990 083	1	802	
199	9.324 915	35	9.334 834	36	0.665 166	9.990 081	2	801	
		35		37			2		
.200	9.324 950		9.334 871		0.665 129	9.990 079		.800	
	cos	d	cotg	d	tang	sin	d	77°	P.P.

77°.850 — 77°.800

12°.200 — 12°.250

12°	sin	d	tang	d	cotg	cos	d		P.P.
.200	9.324 950	36	9.334 871	37	0.665 129	9.990 079	1	.800	
201	9.324 986	35	9.334 908	36	0.665 092	9.990 078	2	799	
202	9.325 021	35	9.334 944	37	0.665 056	9.990 076	2	798	
203	9.325 056	35	9.334 981	37	0.665 019	9.990 074	1	797	
204	9.325 091	35	9.335 018	37	0.664 982	9.990 073	2	796	
205	9.325 126	35	9.335 055	36	0.664 945	9.990 071	1	795	
206	9.325 161	35	9.335 091	37	0.664 909	9.990 070	2	794	
207	9.325 196	35	9.335 128	37	0.664 872	9.990 068	2	793	
208	9.325 231	35	9.335 165	36	0.664 835	9.990 066	1	792	
209	9.325 266	35	9.335 201	37	0.664 799	9.990 065	2	791	
.210	9.325 301	35	9.335 238	37	0.664 762	9.990 063	2	.790	
211	9.325 336	35	9.335 275	36	0.664 725	9.990 061	1	789	
212	9.325 371	35	9.335 311	37	0.664 689	9.990 060	2	788	
213	9.325 406	35	9.335 348	37	0.664 652	9.990 058	2	787	
214	9.325 441	35	9.335 385	36	0.664 615	9.990 056	1	786	
215	9.325 476	35	9.335 421	37	0.664 579	9.990 055	2	785	
216	9.325 511	35	9.335 458	37	0.664 542	9.990 053	1	784	
217	9.325 546	35	9.335 495	36	0.664 505	9.990 052	2	783	
218	9.325 581	35	9.335 531	37	0.664 469	9.990 050	2	782	
219	9.325 616	35	9.335 568	36	0.664 432	9.990 048	1	781	
.220	9.325 651	35	9.335 604	37	0.664 396	9.990 047	2	.780	
221	9.325 686	35	9.335 641	37	0.664 359	9.990 045	2	779	
222	9.325 721	35	9.335 678	36	0.664 322	9.990 043	1	778	
223	9.325 756	35	9.335 714	37	0.664 286	9.990 042	2	777	
224	9.325 791	35	9.335 751	37	0.664 249	9.990 040	2	776	
225	9.325 826	35	9.335 788	36	0.664 212	9.990 038	1	775	
226	9.325 861	35	9.335 824	37	0.664 176	9.990 037	2	774	
227	9.325 896	35	9.335 861	36	0.664 139	9.990 035	2	773	
228	9.325 931	35	9.335 897	37	0.664 103	9.990 033	1	772	
229	9.325 966	35	9.335 934	37	0.664 066	9.990 032	2	771	
.230	9.326 001	35	9.335 971	36	0.664 029	9.990 030	1	.770	
231	9.326 036	35	9.336 007	37	0.663 993	9.990 029	2	769	
232	9.326 071	35	9.336 044	37	0.663 956	9.990 027	2	768	
233	9.326 106	35	9.336 081	36	0.663 919	9.990 025	1	767	
234	9.326 141	35	9.336 117	37	0.663 883	9.990 024	2	766	
235	9.326 176	35	9.336 154	36	0.663 846	9.990 022	2	765	
236	9.326 211	35	9.336 190	37	0.663 810	9.990 020	1	764	
237	9.326 246	35	9.336 227	37	0.663 773	9.990 019	2	763	
238	9.326 281	34	9.336 264	36	0.663 736	9.990 017	2	762	
239	9.326 315	35	9.336 300	37	0.663 700	9.990 015	1	761	
.240	9.326 350	35	9.336 337	36	0.663 663	9.990 014	2	.760	
241	9.326 385	35	9.336 373	37	0.663 627	9.990 012	2	759	
242	9.326 420	35	9.336 410	36	0.663 590	9.990 010	1	758	
243	9.326 455	35	9.336 446	37	0.663 554	9.990 009	2	757	
244	9.326 490	35	9.336 483	37	0.663 517	9.990 007	1	756	
245	9.326 525	35	9.336 520	36	0.663 480	9.990 006	2	755	
246	9.326 560	35	9.336 556	37	0.663 444	9.990 004	2	754	
247	9.326 595	35	9.336 593	36	0.663 407	9.990 002	1	753	
248	9.326 630	35	9.336 629	37	0.663 371	9.990 001	2	752	
249	9.326 665	35	9.336 666	36	0.663 334	9.989 999	2	751	
.250	9.326 700		9.336 702		0.663 298	9.989 997		.750	
	cos	d	cotg	d	tang	sin	d	77°	P.P.

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1	3.7
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3	11.1
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5	18.5
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7	25.9
8	29.6
9	33.3

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1	3.6
2	7.2
3	10.8
4	14.4
5	18.0
6	21.6
7	25.2
8	28.8
9	32.4

	35
1	3.5
2	7.0
3	10.5
4	14.0
5	17.5
6	21.0
7	24.5
8	28.0
9	31.5

	34
1	3.4
2	6.8
3	10.2
4	13.6
5	17.0
6	20.4
7	23.8
8	27.2
9	30.6

77°.800 — 77°.750

12°.250 — 12°.300

12°	sin	d	tang	d	cotg	cos	d		P.P.
.250	9.326 700		9.336 702		0.663 298	9.989 997		.750	
		35		37			1		
251	9.326 735		9.336 739		0.663 261	9.989 996		749	
252	9.326 769	34	9.336 776	37	0.663 224	9.989 994	2	748	
253	9.326 804	35	9.336 812	36	0.663 188	9.989 992	2	747	
		35		37			1		
254	9.326 839		9.336 849		0.663 151	9.989 991		746	
255	9.326 874	35	9.336 885	36	0.663 115	9.989 989	2	745	
256	9.326 909	35	9.336 922	37	0.663 078	9.989 987	2	744	
		35		36			1		
257	9.326 944		9.336 958		0.663 042	9.989 986		743	
258	9.326 979	35	9.336 995	37	0.663 005	9.989 984	2	742	
259	9.327 014	35	9.337 031	36	0.662 969	9.989 982	2	741	
		35		37			1		
.260	9.327 049		9.337 068		0.662 932	9.989 981		.740	
		35		36			2		
261	9.327 084		9.337 104		0.662 896	9.989 979		739	
262	9.327 118	34	9.337 141	37	0.662 859	9.989 978	1	738	
263	9.327 153	35	9.337 177	36	0.662 823	9.989 976	2	737	
		35		37			2		
264	9.327 188		9.337 214		0.662 786	9.989 974		736	
265	9.327 223	35	9.337 250	36	0.662 750	9.989 973	1	735	
266	9.327 258	35	9.337 287	37	0.662 713	9.989 971	2	734	
		35		36			2		
267	9.327 293		9.337 323		0.662 677	9.989 969		733	
268	9.327 328	35	9.337 360	37	0.662 640	9.989 968	1	732	
269	9.327 362	34	9.337 396	36	0.662 604	9.989 966	2	731	
		35		37			2		
.270	9.327 397		9.337 433		0.662 567	9.989 964		.730	
		35		36			1		
271	9.327 432		9.337 469		0.662 531	9.989 963		729	
272	9.327 467	35	9.337 506	37	0.662 494	9.989 961	2	728	
273	9.327 502	35	9.337 542	36	0.662 458	9.989 959	2	727	
		35		37			1		
274	9.327 537		9.337 579		0.662 421	9.989 958		726	
275	9.327 572	35	9.337 615	36	0.662 385	9.989 956	2	725	
276	9.327 606	34	9.337 652	37	0.662 348	9.989 954	2	724	
		35		36			1		
277	9.327 641		9.337 688		0.662 312	9.989 953		723	
278	9.327 676	35	9.337 725	37	0.662 275	9.989 951	2	722	
279	9.327 711	35	9.337 761	36	0.662 239	9.989 949	2	721	
		35		37			1		
.280	9.327 746		9.337 798		0.662 202	9.989 948		.720	
		35		36			2		
281	9.327 781		9.337 834		0.662 166	9.989 946		719	
282	9.327 815	34	9.337 871	37	0.662 129	9.989 945	1	718	
283	9.327 850	35	9.337 907	36	0.662 093	9.989 943	2	717	
		35		37			2		
284	9.327 885		9.337 944		0.662 056	9.989 941		716	
285	9.327 920	35	9.337 980	36	0.662 020	9.989 940	1	715	
286	9.327 955	35	9.338 017	37	0.661 983	9.989 938	2	714	
		34		36			2		
287	9.327 989		9.338 053		0.661 947	9.989 936		713	
288	9.328 024	35	9.338 090	37	0.661 910	9.989 935	1	712	
289	9.328 059	35	9.338 126	36	0.661 874	9.989 933	2	711	
		35		36			2		
.290	9.328 094		9.338 162		0.661 838	9.989 931		.710	
		35		37			1		
291	9.328 129		9.338 199		0.661 801	9.989 930		709	
292	9.328 163	34	9.338 235	36	0.661 765	9.989 928	2	708	
293	9.328 198	35	9.338 272	37	0.661 728	9.989 926	2	707	
		35		36			1		
294	9.328 233		9.338 308		0.661 692	9.989 925		706	
295	9.328 268	35	9.338 345	37	0.661 655	9.989 923	2	705	
296	9.328 302	34	9.338 381	36	0.661 619	9.989 921	2	704	
		35		36			1		
297	9.328 337		9.338 417		0.661 583	9.989 920		703	
298	9.328 372	35	9.338 454	37	0.661 546	9.989 918	2	702	
299	9.328 407	35	9.338 490	36	0.661 510	9.989 916	2	701	
		35		37			1		
.300	9.328 442		9.338 527		0.661 473	9.989 915		.700	
	cos	d	cotg	d	tang	sin	d	77°	P.P.

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1	3.7
2	7.4
3	11.1
4	14.8
5	18.5
6	22.2
7	25.9
8	29.6
9	33.3

	36
1	3.6
2	7.2
3	10.8
4	14.4
5	18.0
6	21.6
7	25.2
8	28.8
9	32.4

	35
1	3.5
2	7.0
3	10.5
4	14.0
5	17.5
6	21.0
7	24.5
8	28.0
9	31.5

	34
1	3.4
2	6.8
3	10.2
4	13.6
5	17.0
6	20.4
7	23.8
8	27.2
9	30.6

77°.750 — 77°.700

12°.300 — 12°.350

12°	sin	d	tang	d	cotg	cos	d		P.P.
.300	9.328 442	34	9.338 527	36	0.661 473	9.989 915	2	**.700**	
301	9.328 476	35	9.338 563	37	0.661 437	9.989 913	1	699	
302	9.328 511	35	9.338 600	36	0.661 400	9.989 912	2	698	
303	9.328 546	35	9.338 636	36	0.661 364	9.989 910	2	697	
304	9.328 581	34	9.338 672	37	0.661 328	9.989 908	1	696	37
305	9.328 615	35	9.338 709	36	0.661 291	9.989 907	2	695	1 3.7
306	9.328 650	35	9.338 745	37	0.661 255	9.989 905	2	694	2 7.4
307	9.328 685	35	9.338 782	36	0.661 218	9.989 903	1	693	3 11.1
308	9.328 720	34	9.338 818	36	0.661 182	9.989 902	2	692	4 14.8
309	9.328 754	35	9.338 854	37	0.661 146	9.989 900	2	691	5 18.5
.310	9.328 789	35	9.338 891	36	0.661 109	9.989 898	1	**.690**	6 22.2
311	9.328 824	35	9.338 927	37	0.661 073	9.989 897	2	689	7 25.9
312	9.328 859	34	9.338 964	36	0.661 036	9.989 895	2	688	8 29.6
313	9.328 893	35	9.339 000	36	0.661 000	9.989 893	1	687	9 33.3
314	9.328 928	35	9.339 036	37	0.660 964	9.989 892	2	686	
315	9.328 963	34	9.339 073	36	0.660 927	9.989 890	2	685	36
316	9.328 997	35	9.339 109	36	0.660 891	9.989 888	1	684	1 3.6
317	9.329 032	35	9.339 145	37	0.660 855	9.989 887	2	683	2 7.2
318	9.329 067	35	9.339 182	36	0.660 818	9.989 885	2	682	3 10.8
319	9.329 102	34	9.339 218	37	0.660 782	9.989 883	1	681	4 14.4
.320	9.329 136	35	9.339 255	36	0.660 745	9.989 882	2	**.680**	5 18.0
321	9.329 171	35	9.339 291	36	0.660 709	9.989 880	2	679	6 21.6
322	9.329 206	34	9.339 327	37	0.660 673	9.989 878	1	678	7 25.2
323	9.329 240	35	9.339 364	36	0.660 636	9.989 877	2	677	8 28.8
324	9.329 275	35	9.339 400	36	0.660 600	9.989 875	2	676	9 32.4
325	9.329 310	34	9.339 436	37	0.660 564	9.989 873	1	675	
326	9.329 344	35	9.339 473	36	0.660 527	9.989 872	2	674	
327	9.329 379	35	9.339 509	36	0.660 491	9.989 870	2	673	35
328	9.329 414	34	9.339 545	37	0.660 455	9.989 868	1	672	1 3.5
329	9.329 448	35	9.339 582	36	0.660 418	9.989 867	2	671	2 7.0
.330	9.329 483	35	9.339 618	36	0.660 382	9.989 865	1	**.670**	3 10.5
331	9.329 518	35	9.339 654	37	0.660 346	9.989 864	2	669	4 14.0
332	9.329 553	34	9.339 691	36	0.660 309	9.989 862	2	668	5 17.5
333	9.329 587	35	9.339 727	36	0.660 273	9.989 860	1	667	6 21.0
334	9.329 622	35	9.339 763	37	0.660 237	9.989 859	2	666	7 24.5
335	9.329 657	34	9.339 800	36	0.660 200	9.989 857	2	665	8 28.0
336	9.329 691	35	9.339 836	36	0.660 164	9.989 855	1	664	9 31.5
337	9.329 726	35	9.339 872	37	0.660 128	9.989 854	2	663	
338	9.329 761	34	9.339 909	36	0.660 091	9.989 852	2	662	
339	9.329 795	35	9.339 945	36	0.660 055	9.989 850	1	661	34
.340	9.329 830	34	9.339 981	37	0.660 019	9.989 849	2	**.660**	1 3.4
341	9.329 864	35	9.340 018	36	0.659 982	9.989 847	2	659	2 6.8
342	9.329 899	35	9.340 054	36	0.659 946	9.989 845	1	658	3 10.2
343	9.329 934	34	9.340 090	36	0.659 910	9.989 844	2	657	4 13.6
344	9.329 968	35	9.340 126	37	0.659 874	9.989 842	2	656	5 17.0
345	9.330 003	35	9.340 163	36	0.659 837	9.989 840	1	655	6 20.4
346	9.330 038	34	9.340 199	36	0.659 801	9.989 839	2	654	7 23.8
347	9.330 072	35	9.340 235	37	0.659 765	9.989 837	2	653	8 27.2
348	9.330 107	35	9.340 272	36	0.659 728	9.989 835	1	652	9 30.6
349	9.330 142	34	9.340 308	36	0.659 692	9.989 834	2	651	
.350	9.330 176		9.340 344		0.659 656	9.989 832		**.650**	
	cos	d	cotg	d	tang	sin	d	**77°**	P.P.

77°.700 — 77°.650

12°.350 — 12°.400

12°	sin	d	tang	d	cotg	cos	d		P.P.
.350	9.330 176	35	9.340 344	36	0.659 656	9.989 832	2	.650	
351	9.330 211	34	9.340 380	37	0.659 620	9.989 830	1	649	
352	9.330 245	35	9.340 417	36	0.659 583	9.989 829	2	648	
353	9.330 280	35	9.340 453	36	0.659 547	9.989 827	2	647	
354	9.330 315	34	9.340 489	36	0.659 511	9.989 825	1	646	
355	9.330 349	35	9.340 525	37	0.659 475	9.989 824	2	645	
356	9.330 384	34	9.340 562	36	0.659 438	9.989 822	2	644	
357	9.330 418	35	9.340 598	36	0.659 402	9.989 820	1	643	
358	9.330 453	35	9.340 634	37	0.659 366	9.989 819	2	642	
359	9.330 488	34	9.340 671	36	0.659 329	9.989 817	2	641	
.360	9.330 522	35	9.340 707	36	0.659 293	9.989 815	1	.640	
361	9.330 557	34	9.340 743	36	0.659 257	9.989 814	2	639	
362	9.330 591	35	9.340 779	37	0.659 221	9.989 812	2	638	
363	9.330 626	35	9.340 816	36	0.659 184	9.989 810	1	637	
364	9.330 661	34	9.340 852	36	0.659 148	9.989 809	2	636	
365	9.330 695	35	9.340 888	36	0.659 112	9.989 807	2	635	
366	9.330 730	34	9.340 924	36	0.659 076	9.989 805	1	634	
367	9.330 764	35	9.340 960	37	0.659 040	9.989 804	2	633	
368	9.330 799	34	9.340 997	36	0.659 003	9.989 802	2	632	
369	9.330 833	35	9.341 033	36	0.658 967	9.989 800	1	631	
.370	9.330 868	35	9.341 069	36	0.658 931	9.989 799	2	.630	
371	9.330 903	34	9.341 105	37	0.658 895	9.989 797	2	629	
372	9.330 937	35	9.341 142	36	0.658 858	9.989 795	1	628	
373	9.330 972	34	9.341 178	36	0.658 822	9.989 794	2	627	
374	9.331 006	35	9.341 214	36	0.658 786	9.989 792	2	626	
375	9.331 041	34	9.341 250	36	0.658 750	9.989 790	1	625	
376	9.331 075	35	9.341 286	37	0.658 714	9.989 789	2	624	
377	9.331 110	34	9.341 323	36	0.658 677	9.989 787	2	623	
378	9.331 144	35	9.341 359	36	0.658 641	9.989 785	1	622	
379	9.331 179	34	9.341 395	36	0.658 605	9.989 784	2	621	
.380	9.331 213	35	9.341 431	36	0.658 569	9.989 782	1	.620	
381	9.331 248	34	9.341 467	37	0.658 533	9.989 781	2	619	
382	9.331 282	35	9.341 504	36	0.658 496	9.989 779	2	618	
383	9.331 317	35	9.341 540	36	0.658 460	9.989 777	1	617	
384	9.331 352	34	9.341 576	36	0.658 424	9.989 776	2	616	
385	9.331 386	35	9.341 612	36	0.658 388	9.989 774	2	615	
386	9.331 421	34	9.341 648	37	0.658 352	9.989 772	1	614	
387	9.331 455	35	9.341 685	36	0.658 315	9.989 771	2	613	
388	9.331 490	34	9.341 721	36	0.658 279	9.989 769	2	612	
389	9.331 524	35	9.341 757	36	0.658 243	9.989 767	1	611	
.390	9.331 559	34	9.341 793	36	0.658 207	9.989 766	2	.610	
391	9.331 593	35	9.341 829	36	0.658 171	9.989 764	2	609	
392	9.331 628	34	9.341 865	37	0.658 135	9.989 762	1	608	
393	9.331 662	35	9.341 902	36	0.658 098	9.989 761	2	607	
394	9.331 697	34	9.341 938	36	0.658 062	9.989 759	2	606	
395	9.331 731	35	9.341 974	36	0.658 026	9.989 757	1	605	
396	9.331 766	34	9.342 010	36	0.657 990	9.989 756	2	604	
397	9.331 800	35	9.342 046	36	0.657 954	9.989 754	2	603	
398	9.331 835	34	9.342 082	36	0.657 918	9.989 752	1	602	
399	9.331 869	34	9.342 118	37	0.657 882	9.989 751	2	601	
.400	9.331 903		9.342 155		0.657 845	9.989 749		.600	
	cos	d	cotg	d	tang	sin	d	77°	P.P.

	37
1	3.7
2	7.4
3	11.1
4	14.8
5	18.5
6	22.2
7	25.9
8	29.6
9	33.3

	36
1	3.6
2	7.2
3	10.8
4	14.4
5	18.0
6	21.6
7	25.2
8	28.8
9	32.4

	35
1	3.5
2	7.0
3	10.5
4	14.0
5	17.5
6	21.0
7	24.5
8	28.0
9	31.5

	34
1	3.4
2	6.8
3	10.2
4	13.6
5	17.0
6	20.4
7	23.8
8	27.2
9	30.6

77°.650 — 77°.600

12°.400 — 12°.450

12°	sin	d	tang	d	cotg	cos	d		P.P.
.400	9.331 903	35	9.342 155	36	0.657 845	9.989 749	2	.600	
401	9.331 938	34	9.342 191	36	0.657 809	9.989 747	1	599	
402	9.331 972	35	9.342 227	36	0.657 773	9.989 746	2	598	
403	9.332 007	34	9.342 263	36	0.657 737	9.989 744	2	597	
404	9.332 041	35	9.342 299	36	0.657 701	9.989 742	1	596	37
405	9.332 076	34	9.342 335	36	0.657 665	9.989 741	2	595	1 3.7
406	9.332 110	35	9.342 371	37	0.657 629	9.989 739	2	594	2 7.4
407	9.332 145	34	9.342 408	36	0.657 592	9.989 737	1	593	3 11.1
408	9.332 179	35	9.342 444	36	0.657 556	9.989 736	2	592	4 14.8
409	9.332 214	34	9.342 480	36	0.657 520	9.989 734	2	591	5 18.5
.410	9.332 248	35	9.342 516	36	0.657 484	9.989 732	1	.590	6 22.2
411	9.332 283	34	9.342 552	36	0.657 448	9.989 731	2	589	7 25.9
412	9.332 317	34	9.342 588	36	0.657 412	9.989 729	2	588	8 29.6
413	9.332 351	35	9.342 624	36	0.657 376	9.989 727	1	587	9 33.3
414	9.332 386	34	9.342 660	36	0.657 340	9.989 726	2	586	
415	9.332 420	35	9.342 696	37	0.657 304	9.989 724	2	585	36
416	9.332 455	34	9.342 733	36	0.657 267	9.989 722	1	584	1 3.6
417	9.332 489	35	9.342 769	36	0.657 231	9.989 721	2	583	2 7.2
418	9.332 524	34	9.342 805	36	0.657 195	9.989 719	2	582	3 10.8
419	9.332 558	34	9.342 841	36	0.657 159	9.989 717	1	581	4 14.4
.420	9.332 592	35	9.342 877	36	0.657 123	9.989 716	2	.580	5 18.0
421	9.332 627	34	9.342 913	36	0.657 087	9.989 714	2	579	6 21.6
422	9.332 661	35	9.342 949	36	0.657 051	9.989 712	2	578	7 25.2
423	9.332 696	34	9.342 985	36	0.657 015	9.989 710	1	577	8 28.8
424	9.332 730	34	9.343 021	36	0.656 979	9.989 709	2	576	9 32.4
425	9.332 764	35	9.343 057	36	0.656 943	9.989 707	2	575	
426	9.332 799	34	9.343 093	36	0.656 907	9.989 705	1	574	
427	9.332 833	35	9.343 129	37	0.656 871	9.989 704	2	573	35
428	9.332 868	34	9.343 166	36	0.656 834	9.989 702	2	572	1 3.5
429	9.332 902	34	9.343 202	36	0.656 798	9.989 700	1	571	2 7.0
.430	9.332 936	35	9.343 238	36	0.656 762	9.989 699	2	.570	3 10.5
431	9.332 971	34	9.343 274	36	0.656 726	9.989 697	2	569	4 14.0
432	9.333 005	35	9.343 310	36	0.656 690	9.989 695	1	568	5 17.5
433	9.333 040	34	9.343 346	36	0.656 654	9.989 694	2	567	6 21.0
434	9.333 074	34	9.343 382	36	0.656 618	9.989 692	2	566	7 24.5
435	9.333 108	35	9.343 418	36	0.656 582	9.989 690	1	565	8 28.0
436	9.333 143	34	9.343 454	36	0.656 546	9.989 689	2	564	9 31.5
437	9.333 177	34	9.343 490	36	0.656 510	9.989 687	2	563	
438	9.333 211	35	9.343 526	36	0.656 474	9.989 685	1	562	
439	9.333 246	34	9.343 562	36	0.656 438	9.989 684	2	561	34
.440	9.333 280	35	9.343 598	36	0.656 402	9.989 682	2	.560	1 3.4
441	9.333 315	34	9.343 634	36	0.656 366	9.989 680	1	559	2 6.8
442	9.333 349	34	9.343 670	36	0.656 330	9.989 679	2	558	3 10.2
443	9.333 383	35	9.343 706	36	0.656 294	9.989 677	2	557	4 13.6
444	9.333 418	34	9.343 742	36	0.656 258	9.989 675	1	556	5 17.0
445	9.333 452	34	9.343 778	36	0.656 222	9.989 674	2	555	6 20.4
446	9.333 486	35	9.343 814	36	0.656 186	9.989 672	2	554	7 23.8
447	9.333 521	34	9.343 850	36	0.656 150	9.989 670	1	553	8 27.2
448	9.333 555	34	9.343 886	36	0.656 114	9.989 669	2	552	9 30.6
449	9.333 589	35	9.343 922	36	0.656 078	9.989 667	2	551	
.450	9.333 624		9.343 958		0.656 042	9.989 665		.550	
	cos	d	cotg	d	tang	sin	d	77°	P.P.

77°.600 — 77°.550

12°.450 — 12°.500

12°	sin	d	tang	d	cotg	cos	d		P.P.
.450	9.333 624	34	9.343 958	36	0.656 042	9.989 665	1	**.550**	
451	9.333 658	34	9.343 994	36	0.656 006	9.989 664	2	549	
452	9.333 692	35	9.344 030	36	0.655 970	9.989 662	2	548	
453	9.333 727	34	9.344 066	36	0.655 934	9.989 660	1	547	
454	9.333 761	34	9.344 102	36	0.655 898	9.989 659	2	546	
455	9.333 795	35	9.344 138	36	0.655 862	9.989 657	2	545	
456	9.333 830	34	9.344 174	36	0.655 826	9.989 655	1	544	
457	9.333 864	34	9.344 210	36	0.655 790	9.989 654	2	543	
458	9.333 898	35	9.344 246	36	0.655 754	9.989 652	2	542	
459	9.333 933	34	9.344 282	36	0.655 718	9.989 650	1	541	
.460	9.333 967	34	9.344 318	36	0.655 682	9.989 649	2	**.540**	
461	9.334 001	34	9.344 354	36	0.655 646	9.989 647	2	539	
462	9.334 035	35	9.344 390	36	0.655 610	9.989 645	1	538	
463	9.334 070	34	9.344 426	36	0.655 574	9.989 644	2	537	
464	9.334 104	34	9.344 462	36	0.655 538	9.989 642	2	536	
465	9.334 138	35	9.344 498	36	0.655 502	9.989 640	1	535	
466	9.334 173	34	9.344 534	36	0.655 466	9.989 639	2	534	
467	9.334 207	34	9.344 570	36	0.655 430	9.989 637	2	533	
468	9.334 241	34	9.344 606	36	0.655 394	9.989 635	1	532	
469	9.334 275	35	9.344 642	36	0.655 358	9.989 634	2	531	
.470	9.334 310	34	9.344 678	36	0.655 322	9.989 632	2	**.530**	
471	9.334 344	34	9.344 714	36	0.655 286	9.989 630	1	529	
472	9.334 378	35	9.344 750	36	0.655 250	9.989 629	2	528	
473	9.334 413	34	9.344 786	36	0.655 214	9.989 627	2	527	
474	9.334 447	34	9.344 822	36	0.655 178	9.989 625	2	526	
475	9.334 481	34	9.344 858	36	0.655 142	9.989 623	1	525	
476	9.334 515	35	9.344 894	35	0.655 106	9.989 622	2	524	
477	9.334 550	34	9.344 929	36	0.655 071	9.989 620	2	523	
478	9.334 584	34	9.344 965	36	0.655 035	9.989 618	1	522	
479	9.334 618	34	9.345 001	36	0.654 999	9.989 617	2	521	
.480	9.334 652	35	9.345 037	36	0.654 963	9.989 615	2	**.520**	
481	9.334 687	34	9.345 073	36	0.654 927	9.989 613	1	519	
482	9.334 721	34	9.345 109	36	0.654 891	9.989 612	2	518	
483	9.334 755	34	9.345 145	36	0.654 855	9.989 610	2	517	
484	9.334 789	35	9.345 181	36	0.654 819	9.989 608	1	516	
485	9.334 824	34	9.345 217	36	0.654 783	9.989 607	2	515	
486	9.334 858	34	9.345 253	36	0.654 747	9.989 605	2	514	
487	9.334 892	34	9.345 289	36	0.654 711	9.989 603	1	513	
488	9.334 926	34	9.345 325	36	0.654 675	9.989 602	2	512	
489	9.334 960	35	9.345 360	35	0.654 640	9.989 600	2	511	
.490	9.334 995	34	9.345 396	36	0.654 604	9.989 598	1	**.510**	
491	9.335 029	34	9.345 432	36	0.654 568	9.989 597	2	509	
492	9.335 063	34	9.345 468	36	0.654 532	9.989 595	2	508	
493	9.335 097	35	9.345 504	36	0.654 496	9.989 593	1	507	
494	9.335 132	34	9.345 540	36	0.654 460	9.989 592	2	506	
495	9.335 166	34	9.345 576	36	0.654 424	9.989 590	2	505	
496	9.335 200	34	9.345 612	36	0.654 388	9.989 588	1	504	
497	9.335 234	34	9.345 648	35	0.654 352	9.989 587	2	503	
498	9.335 268	35	9.345 683	36	0.654 317	9.989 585	2	502	
499	9.335 303	34	9.345 719	36	0.654 281	9.989 583	1	501	
.500	9.335 337		9.345 755		0.654 245	9.989 582		**.500**	
	cos	d	cotg	d	tang	sin	d	**77°**	P.P.

	36
1	3.6
2	7.2
3	10.8
4	14.4
5	18.0
6	21.6
7	25.2
8	28.8
9	32.4

	35
1	3.5
2	7.0
3	10.5
4	14.0
5	17.5
6	21.0
7	24.5
8	28.0
9	31.5

	34
1	3.4
2	6.8
3	10.2
4	13.6
5	17.0
6	20.4
7	23.8
8	27.2
9	30.6

77°.550 — 77°.500

12°.500 — 12°.550

12°	sin	d	tang	d	cotg	cos	d		P.P.
.500	9.335 337	34	9.345 755	36	0.654 245	9.989 582	2	.500	
501	9.335 371	34	9.345 791	36	0.654 209	9.989 580	2	499	
502	9.335 405	34	9.345 827	36	0.654 173	9.989 578	2	498	
503	9.335 439	34	9.345 863	36	0.654 137	9.989 576	1	497	
504	9.335 473	35	9.345 899	36	0.654 101	9.989 575	2	496	
505	9.335 508	34	9.345 935	35	0.654 065	9.989 573	2	495	
506	9.335 542	34	9.345 970	36	0.654 030	9.989 571	1	494	
507	9.335 576	34	9.346 006	36	0.653 994	9.989 570	2	493	36
508	9.335 610	34	9.346 042	36	0.653 958	9.989 568	2	492	1 3.6
509	9.335 644	35	9.346 078	36	0.653 922	9.989 566	1	491	2 7.2
.510	9.335 679	34	9.346 114	36	0.653 886	9.989 565	2	.490	3 10.8
511	9.335 713	34	9.346 150	35	0.653 850	9.989 563	2	489	4 14.4
512	9.335 747	34	9.346 185	36	0.653 815	9.989 561	1	488	5 18.0
513	9.335 781	34	9.346 221	36	0.653 779	9.989 560	2	487	6 21.6
514	9.335 815	34	9.346 257	36	0.653 743	9.989 558	2	486	7 25.2
515	9.335 849	34	9.346 293	36	0.653 707	9.989 556	1	485	8 28.8
516	9.335 883	35	9.346 329	36	0.653 671	9.989 555	2	484	9 32.4
517	9.335 918	34	9.346 365	35	0.653 635	9.989 553	2	483	
518	9.335 952	34	9.346 400	36	0.653 600	9.989 551	1	482	
519	9.335 986	34	9.346 436	36	0.653 564	9.989 550	2	481	
.520	9.336 020	34	9.346 472	36	0.653 528	9.989 548	2	.480	
521	9.336 054	34	9.346 508	36	0.653 492	9.989 546	1	479	35
522	9.336 088	34	9.346 544	36	0.653 456	9.989 545	2	478	1 3.5
523	9.336 122	35	9.346 580	35	0.653 420	9.989 543	2	477	2 7.0
524	9.336 157	34	9.346 615	36	0.653 385	9.989 541	2	476	3 10.5
525	9.336 191	34	9.346 651	36	0.653 349	9.989 539	1	475	4 14.0
526	9.336 225	34	9.346 687	36	0.653 313	9.989 538	2	474	5 17.5
527	9.336 259	34	9.346 723	36	0.653 277	9.989 536	2	473	6 21.0
528	9.336 293	34	9.346 759	35	0.653 241	9.989 534	1	472	7 24.5
529	9.336 327	34	9.346 794	36	0.653 206	9.989 533	2	471	8 28.0
.530	9.336 361	34	9.346 830	36	0.653 170	9.989 531	2	.470	9 31.5
531	9.336 395	34	9.346 866	36	0.653 134	9.989 529	1	469	
532	9.336 429	34	9.346 902	36	0.653 098	9.989 528	2	468	
533	9.336 464	35	9.346 938	35	0.653 062	9.989 526	2	467	
534	9.336 498	34	9.346 973	36	0.653 027	9.989 524	1	466	
535	9.336 532	34	9.347 009	36	0.652 991	9.989 523	2	465	
536	9.336 566	34	9.347 045	36	0.652 955	9.989 521	2	464	34
537	9.336 600	34	9.347 081	35	0.652 919	9.989 519	1	463	1 3.4
538	9.336 634	34	9.347 116	36	0.652 884	9.989 518	2	462	2 6.8
539	9.336 668	34	9.347 152	36	0.652 848	9.989 516	2	461	3 10.2
.540	9.336 702	34	9.347 188	36	0.652 812	9.989 514	2	.460	4 13.6
541	9.336 736	34	9.347 224	35	0.652 776	9.989 512	1	459	5 17.0
542	9.336 770	34	9.347 259	36	0.652 741	9.989 511	2	458	6 20.4
543	9.336 804	34	9.347 295	36	0.652 705	9.989 509	2	457	7 23.8
544	9.336 838	34	9.347 331	36	0.652 669	9.989 507	1	456	8 27.2
545	9.336 872	35	9.347 367	35	0.652 633	9.989 506	2	455	9 30.6
546	9.336 907	34	9.347 402	36	0.652 598	9.989 504	2	454	
547	9.336 941	34	9.347 438	36	0.652 562	9.989 502	1	453	
548	9.336 975	34	9.347 474	36	0.652 526	9.989 501	2	452	
549	9.337 009	34	9.347 510	35	0.652 490	9.989 499	2	451	
.550	9.337 043		9.347 545		0.652 455	9.989 497		.450	
	cos	d	cotg	d	tang	sin	d	77°	P.P.

77°.500 — 77°.450

12°.550 — 12°.600

12°	sin	d	tang	d	cotg	cos	d		P.P.
.550	9.337 043	34	9.347 545	36	0.652 455	9.989 497	1	**.450**	
551	9.337 077	34	9.347 581	36	0.652 419	9.989 496	2	449	
552	9.337 111	34	9.347 617	36	0.652 383	9.989 494	2	448	
553	9.337 145	34	9.347 653	35	0.652 347	9.989 492	1	447	
554	9.337 179	34	9.347 688	36	0.652 312	9.989 491	2	446	
555	9.337 213	34	9.347 724	36	0.652 276	9.989 489	2	445	
556	9.337 247	34	9.347 760	36	0.652 240	9.989 487	1	444	
557	9.337 281	34	9.347 796	35	0.652 204	9.989 486	2	443	
558	9.337 315	34	9.347 831	36	0.652 169	9.989 484	2	442	
559	9.337 349	34	9.347 867	36	0.652 133	9.989 482	2	441	
.560	9.337 383	34	9.347 903	35	0.652 097	9.989 480	1	**.440**	
561	9.337 417	34	9.347 938	36	0.652 062	9.989 479	2	439	
562	9.337 451	34	9.347 974	36	0.652 026	9.989 477	2	438	
563	9.337 485	34	9.348 010	36	0.651 990	9.989 475	1	437	
564	9.337 519	34	9.348 046	35	0.651 954	9.989 474	2	436	
565	9.337 553	34	9.348 081	36	0.651 919	9.989 472	2	435	
566	9.337 587	34	9.348 117	36	0.651 883	9.989 470	1	434	
567	9.337 621	34	9.348 153	35	0.651 847	9.989 469	2	433	
568	9.337 655	34	9.348 188	36	0.651 812	9.989 467	2	432	
569	9.337 689	34	9.348 224	36	0.651 776	9.989 465	1	431	
.570	9.337 723	34	9.348 260	35	0.651 740	9.989 464	2	**.430**	
571	9.337 757	34	9.348 295	36	0.651 705	9.989 462	2	429	
572	9.337 791	34	9.348 331	36	0.651 669	9.989 460	2	428	
573	9.337 825	34	9.348 367	35	0.651 633	9.989 458	1	427	
574	9.337 859	34	9.348 402	36	0.651 598	9.989 457	2	426	
575	9.337 893	34	9.348 438	36	0.651 562	9.989 455	2	425	
576	9.337 927	34	9.348 474	35	0.651 526	9.989 453	1	424	
577	9.337 961	34	9.348 509	36	0.651 491	9.989 452	2	423	
578	9.337 995	34	9.348 545	36	0.651 455	9.989 450	2	422	
579	9.338 029	34	9.348 581	35	0.651 419	9.989 448	1	421	
.580	9.338 063	34	9.348 616	36	0.651 384	9.989 447	2	**.420**	
581	9.338 097	34	9.348 652	36	0.651 348	9.989 445	2	419	
582	9.338 131	34	9.348 688	35	0.651 312	9.989 443	1	418	
583	9.338 165	34	9.348 723	36	0.651 277	9.989 442	2	417	
584	9.338 199	34	9.348 759	36	0.651 241	9.989 440	2	416	
585	9.338 233	34	9.348 795	35	0.651 205	9.989 438	2	415	
586	9.338 267	34	9.348 830	36	0.651 170	9.989 436	1	414	
587	9.338 301	34	9.348 866	36	0.651 134	9.989 435	2	413	
588	9.338 335	34	9.348 902	35	0.651 098	9.989 433	2	412	
589	9.338 369	34	9.348 937	36	0.651 063	9.989 431	1	411	
.590	9.338 403	33	9.348 973	35	0.651 027	9.989 430	2	**.410**	
591	9.338 436	34	9.349 008	36	0.650 992	9.989 428	2	409	
592	9.338 470	34	9.349 044	36	0.650 956	9.989 426	1	408	
593	9.338 504	34	9.349 080	35	0.650 920	9.989 425	2	407	
594	9.338 538	34	9.349 115	36	0.650 885	9.989 423	2	406	
595	9.338 572	34	9.349 151	36	0.650 849	9.989 421	1	405	
596	9.338 606	34	9.349 187	35	0.650 813	9.989 420	2	404	
597	9.338 640	34	9.349 222	36	0.650 778	9.989 418	2	403	
598	9.338 674	34	9.349 258	35	0.650 742	9.989 416	2	402	
599	9.338 708	34	9.349 293	36	0.650 707	9.989 414	1	401	
.600	9.338 742		9.349 329		0.650 671	9.989 413		**.400**	
	cos	d	cotg	d	tang	sin	d	77°	P.P.

	36
1	3.6
2	7.2
3	10.8
4	14.4
5	18.0
6	21.6
7	25.2
8	28.8
9	32.4

	35
1	3.5
2	7.0
3	10.5
4	14.0
5	17.5
6	21.0
7	24.5
8	28.0
9	31.5

	34
1	3.4
2	6.8
3	10.2
4	13.6
5	17.0
6	20.4
7	23.8
8	27.2
9	30.6

	33
1	3.3
2	6.6
3	9.9
4	13.2
5	16.5
6	19.8
7	23.1
8	26.4
9	29.7

77°.450 — 77°.400

12°.600 — 12°.650

12°	sin	d	tang	d	cotg	cos	d		P.P.
.600	9.338 742		9.349 329		0.650 671	9.989 413		**.400**	
		34		36			2		
601	9.338 776		9.349 365		0.650 635	9.989 411		399	
602	9.338 810	34	9.349 400	35	0.650 600	9.989 409	2	398	
603	9.338 843	33	9.349 436	36	0.650 564	9.989 408	1	397	
604	9.338 877	34	9.349 471	35	0.650 529	9.989 406	2	396	36
605	9.338 911	34	9.349 507	36	0.650 493	9.989 404	2	395	1 3.6
606	9.338 945	34	9.349 543	36	0.650 457	9.989 403	1	394	2 7.2
607	9.338 979	34	9.349 578	35	0.650 422	9.989 401	2	393	3 10.8
608	9.339 013	34	9.349 614	36	0.650 386	9.989 399	2	392	4 14.4
609	9.339 047	34	9.349 649	35	0.650 351	9.989 398	1	391	5 18.0
.610	9.339 081	34	9.349 685	36	0.650 315	9.989 396	2	**.390**	6 21.6
		34		35			2		7 25.2
611	9.339 115		9.349 720		0.650 280	9.989 394		389	8 28.8
612	9.339 148	33	9.349 756	36	0.650 244	9.989 392	2	388	9 32.4
613	9.339 182	34	9.349 792	36	0.650 208	9.989 391	1	387	
614	9.339 216	34	9.349 827	35	0.650 173	9.989 389	2	386	
615	9.339 250	34	9.349 863	36	0.650 137	9.989 387	2	385	35
616	9.339 284	34	9.349 898	35	0.650 102	9.989 386	1	384	1 3.5
617	9.339 318	34	9.349 934	36	0.650 066	9.989 384	2	383	2 7.0
618	9.339 352	34	9.349 969	35	0.650 031	9.989 382	2	382	3 10.5
619	9.339 386	34	9.350 005	36	0.649 995	9.989 381	1	381	4 14.0
.620	9.339 419	33	9.350 041	36	0.649 959	9.989 379	2	**.380**	5 17.5
		34		35			2		6 21.0
621	9.339 453		9.350 076		0.649 924	9.989 377		379	7 24.5
622	9.339 487	34	9.350 112	36	0.649 888	9.989 375	2	378	8 28.0
623	9.339 521	34	9.350 147	35	0.649 853	9.989 374	1	377	9 31.5
624	9.339 555	34	9.350 183	36	0.649 817	9.989 372	2	376	
625	9.339 589	34	9.350 218	35	0.649 782	9.989 370	2	375	
626	9.339 622	33	9.350 254	36	0.649 746	9.989 369	1	374	
627	9.339 656	34	9.350 289	35	0.649 711	9.989 367	2	373	34
628	9.339 690	34	9.350 325	36	0.649 675	9.989 365	2	372	1 3.4
629	9.339 724	34	9.350 360	35	0.649 640	9.989 364	1	371	2 6.8
.630	9.339 758	34	9.350 396	36	0.649 604	9.989 362	2	**.370**	3 10.2
		34		35			2		4 13.6
631	9.339 792		9.350 431		0.649 569	9.989 360		369	5 17.0
632	9.339 825	33	9.350 467	36	0.649 533	9.989 358	2	368	6 20.4
633	9.339 859	34	9.350 503	36	0.649 497	9.989 357	1	367	7 23.8
634	9.339 893	34	9.350 538	35	0.649 462	9.989 355	2	366	8 27.2
635	9.339 927	34	9.350 574	36	0.649 426	9.989 353	2	365	9 30.6
636	9.339 961	34	9.350 609	35	0.649 391	9.989 352	1	364	
637	9.339 995	34	9.350 645	36	0.649 355	9.989 350	2	363	
638	9.340 028	33	9.350 680	35	0.649 320	9.989 348	2	362	
639	9.340 062	34	9.350 716	36	0.649 284	9.989 347	1	361	33
.640	9.340 096	34	9.350 751	35	0.649 249	9.989 345	2	**.360**	1 3.3
		34		36			2		2 6.6
641	9.340 130		9.350 787		0.649 213	9.989 343		359	3 9.9
642	9.340 164	34	9.350 822	35	0.649 178	9.989 341	2	358	4 13.2
643	9.340 197	33	9.350 858	36	0.649 142	9.989 340	1	357	5 16.5
644	9.340 231	34	9.350 893	35	0.649 107	9.989 338	2	356	6 19.8
645	9.340 265	34	9.350 929	36	0.649 071	9.989 336	2	355	7 23.1
646	9.340 299	34	9.350 964	35	0.649 036	9.989 335	1	354	8 26.4
647	9.340 332	33	9.350 999	35	0.649 001	9.989 333	2	353	9 29.7
648	9.340 366	34	9.351 035	36	0.648 965	9.989 331	2	352	
649	9.340 400	34	9.351 070	35	0.648 930	9.989 330	1	351	
.650	9.340 434	34	9.351 106	36	0.648 894	9.989 328	2	**.350**	
	cos	d	cotg	d	tang	sin	d	**77°**	P.P.

77°.400 — 77°.350

12°.650 — 12°.700

12°	sin	d	tang	d	cotg	cos	d		P.P.
.650	9.340 434		9.351 106		0.648 894	9.989 328		**.350**	
		34		35			2		
651	9.340 468		9.351 141		0.648 859	9.989 326		349	
		33		36			2		
652	9.340 501		9.351 177		0.648 823	9.989 324		348	
		34		35			1		
653	9.340 535		9.351 212		0.648 788	9.989 323		347	
		34		36			2		
654	9.340 569		9.351 248		0.648 752	9.989 321		346	
		34		35			2		
655	9.340 603		9.351 283		0.648 717	9.989 319		345	
		33		36			1		
656	9.340 636		9.351 319		0.648 681	9.989 318		344	
		34		35			2		
657	9.340 670		9.351 354		0.648 646	9.989 316		343	
		34		36			2		
658	9.340 704		9.351 390		0.648 610	9.989 314		342	
		34		35			1		
659	9.340 738		9.351 425		0.648 575	9.989 313		341	
		33		36			2		
.660	9.340 771		9.351 461		0.648 539	9.989 311		**.340**	
		34		35			2		
661	9.340 805		9.351 496		0.648 504	9.989 309		339	
		34		35			2		
662	9.340 839		9.351 531		0.648 469	9.989 307		338	
		34		36			1		
663	9.340 873		9.351 567		0.648 433	9.989 306		337	
		33		35			2		
664	9.340 906		9.351 602		0.648 398	9.989 304		336	
		34		36			2		
665	9.340 940		9.351 638		0.648 362	9.989 302		335	
		34		35			1		
666	9.340 974		9.351 673		0.648 327	9.989 301		334	
		34		36			2		
667	9.341 008		9.351 709		0.648 291	9.989 299		333	
		33		35			2		
668	9.341 041		9.351 744		0.648 256	9.989 297		332	
		34		35			1		
669	9.341 075		9.351 779		0.648 221	9.989 296		331	
		34		36			2		
.670	9.341 109		9.351 815		0.648 185	9.989 294		**.330**	
		33		35			2		
671	9.341 142		9.351 850		0.648 150	9.989 292		329	
		34		36			2		
672	9.341 176		9.351 886		0.648 114	9.989 290		328	
		34		35			1		
673	9.341 210		9.351 921		0.648 079	9.989 289		327	
		34		36			2		
674	9.341 244		9.351 957		0.648 043	9.989 287		326	
		33		35			2		
675	9.341 277		9.351 992		0.648 008	9.989 285		325	
		34		35			1		
676	9.341 311		9.352 027		0.647 973	9.989 284		324	
		34		36			2		
677	9.341 345		9.352 063		0.647 937	9.989 282		323	
		33		35			2		
678	9.341 378		9.352 098		0.647 902	9.989 280		322	
		34		36			2		
679	9.341 412		9.352 134		0.647 866	9.989 278		321	
		34		35			1		
.680	9.341 446		9.352 169		0.647 831	9.989 277		**.320**	
		33		35			2		
681	9.341 479		9.352 204		0.647 796	9.989 275		319	
		34		36			2		
682	9.341 513		9.352 240		0.647 760	9.989 273		318	
		34		35			1		
683	9.341 547		9.352 275		0.647 725	9.989 272		317	
		33		36			2		
684	9.341 580		9.352 311		0.647 689	9.989 270		316	
		34		35			2		
685	9.341 614		9.352 346		0.647 654	9.989 268		315	
		34		35			1		
686	9.341 648		9.352 381		0.647 619	9.989 267		314	
		33		36			2		
687	9.341 681		9.352 417		0.647 583	9.989 265		313	
		34		35			2		
688	9.341 715		9.352 452		0.647 548	9.989 263		312	
		34		35			2		
689	9.341 749		9.352 487		0.647 513	9.989 261		311	
		33		36			1		
.690	9.341 782		9.352 523		0.647 477	9.989 260		**.310**	
		34		35			2		
691	9.341 816		9.352 558		0.647 442	9.989 258		309	
		34		35			2		
692	9.341 850		9.352 593		0.647 407	9.989 256		308	
		33		36			1		
693	9.341 883		9.352 629		0.647 371	9.989 255		307	
		34		35			2		
694	9.341 917		9.352 664		0.647 336	9.989 253		306	
		34		36			2		
695	9.341 951		9.352 700		0.647 300	9.989 251		305	
		33		35			2		
696	9.341 984		9.352 735		0.647 265	9.989 249		304	
		34		35			1		
697	9.342 018		9.352 770		0.647 230	9.989 248		303	
		34		36			2		
698	9.342 052		9.352 806		0.647 194	9.989 246		302	
		33		35			2		
699	9.342 085		9.352 841		0.647 159	9.989 244		301	
		34		35			1		
.700	9.342 119		9.352 876		0.647 124	9.989 243		**.300**	
	cos	d	cotg	d	tang	sin	d	**77°**	P.P.

	36
1	3.6
2	7.2
3	10.8
4	14.4
5	18.0
6	21.6
7	25.2
8	28.8
9	32.4

	35
1	3.5
2	7.0
3	10.5
4	14.0
5	17.5
6	21.0
7	24.5
8	28.0
9	31.5

	34
1	3.4
2	6.8
3	10.2
4	13.6
5	17.0
6	20.4
7	23.8
8	27.2
9	30.6

	33
1	3.3
2	6.6
3	9.9
4	13.2
5	16.5
6	19.8
7	23.1
8	26.4
9	29.7

77°.350 — 77°.300

12°.700 — 12°.750

12°	sin	d	tang	d	cotg	cos	d		P.P.
.700	9.342 119	34	9.352 876	36	0.647 124	9.989 243	2	.300	
701	9.342 153	33	9.352 912	35	0.647 088	9.989 241	2	299	
702	9.342 186	34	9.352 947	35	0.647 053	9.989 239	1	298	
703	9.342 220	33	9.352 982	36	0.647 018	9.989 238	2	297	
704	9.342 253	34	9.353 018	35	0.646 982	9.989 236	2	296	
705	9.342 287	34	9.353 053	35	0.646 947	9.989 234	2	295	
706	9.342 321	33	9.353 088	36	0.646 912	9.989 232	1	294	
707	9.342 354	34	9.353 124	35	0.646 876	9.989 231	2	293	
708	9.342 388	34	9.353 159	35	0.646 841	9.989 229	2	292	
709	9.342 422	33	9.353 194	36	0.646 806	9.989 227	1	291	
.710	9.342 455	34	9.353 230	35	0.646 770	9.989 226	2	.290	
711	9.342 489	33	9.353 265	35	0.646 735	9.989 224	2	289	
712	9.342 522	34	9.353 300	36	0.646 700	9.989 222	2	288	
713	9.342 556	34	9.353 336	35	0.646 664	9.989 220	1	287	
714	9.342 590	33	9.353 371	35	0.646 629	9.989 219	2	286	
715	9.342 623	34	9.353 406	35	0.646 594	9.989 217	2	285	
716	9.342 657	33	9.353 441	36	0.646 559	9.989 215	1	284	
717	9.342 690	34	9.353 477	35	0.646 523	9.989 214	2	283	
718	9.342 724	34	9.353 512	35	0.646 488	9.989 212	2	282	
719	9.342 758	33	9.353 547	36	0.646 453	9.989 210	2	281	
.720	9.342 791	34	9.353 583	35	0.646 417	9.989 208	1	.280	
721	9.342 825	33	9.353 618	35	0.646 382	9.989 207	2	279	
722	9.342 858	34	9.353 653	36	0.646 347	9.989 205	2	278	
723	9.342 892	33	9.353 689	35	0.646 311	9.989 203	1	277	
724	9.342 925	34	9.353 724	35	0.646 276	9.989 202	2	276	
725	9.342 959	34	9.353 759	35	0.646 241	9.989 200	2	275	
726	9.342 993	33	9.353 794	36	0.646 206	9.989 198	2	274	
727	9.343 026	34	9.353 830	35	0.646 170	9.989 196	1	273	
728	9.343 060	33	9.353 865	35	0.646 135	9.989 195	2	272	
729	9.343 093	34	9.353 900	35	0.646 100	9.989 193	2	271	
.730	9.343 127	33	9.353 935	36	0.646 065	9.989 191	1	.270	
731	9.343 160	34	9.353 971	35	0.646 029	9.989 190	2	269	
732	9.343 194	33	9.354 006	35	0.645 994	9.989 188	2	268	
733	9.343 227	34	9.354 041	35	0.645 959	9.989 186	2	267	
734	9.343 261	34	9.354 076	36	0.645 924	9.989 184	1	266	
735	9.343 295	33	9.354 112	35	0.645 888	9.989 183	2	265	
736	9.343 328	34	9.354 147	35	0.645 853	9.989 181	2	264	
737	9.343 362	33	9.354 182	35	0.645 818	9.989 179	1	263	
738	9.343 395	34	9.354 217	36	0.645 783	9.989 178	2	262	
739	9.343 429	33	9.354 253	35	0.645 747	9.989 176	2	261	
.740	9.343 462	34	9.354 288	35	0.645 712	9.989 174	2	.260	
741	9.343 496	33	9.354 323	35	0.645 677	9.989 172	1	259	
742	9.343 529	34	9.354 358	36	0.645 642	9.989 171	2	258	
743	9.343 563	33	9.354 394	35	0.645 606	9.989 169	2	257	
744	9.343 596	34	9.354 429	35	0.645 571	9.989 167	1	256	
745	9.343 630	33	9.354 464	35	0.645 536	9.989 166	2	255	
746	9.343 663	34	9.354 499	36	0.645 501	9.989 164	2	254	
747	9.343 697	33	9.354 535	35	0.645 465	9.989 162	2	253	
748	9.343 730	34	9.354 570	35	0.645 430	9.989 160	1	252	
749	9.343 764	33	9.354 605	35	0.645 395	9.989 159	2	251	
.750	9.343 797		9.354 640		0.645 360	9.989 157		.250	
	cos	d	cotg	d	tang	sin	d	77°	P.P.

	36
1	3.6
2	7.2
3	10.8
4	14.4
5	18.0
6	21.6
7	25.2
8	28.8
9	32.4

	35
1	3.5
2	7.0
3	10.5
4	14.0
5	17.5
6	21.0
7	24.5
8	28.0
9	31.5

	34
1	3.4
2	6.8
3	10.2
4	13.6
5	17.0
6	20.4
7	23.8
8	27.2
9	30.6

	33
1	3.3
2	6.6
3	9.9
4	13.2
5	16.5
6	19.8
7	23.1
8	26.4
9	29.7

77°.300 — 77°.250

12°.750 — 12°.800

12°	sin	d	tang	d	cotg	cos	d		P.P.
.750	9.343 797	34	9.354 640	35	0.645 360	9.989 157	2	.250	
751	9.343 831	33	9.354 675	36	0.645 325	9.989 155	1	249	
752	9.343 864	34	9.354 711	35	0.645 289	9.989 154	2	248	
753	9.343 898	33	9.354 746	35	0.645 254	9.989 152	2	247	
754	9.343 931	34	9.354 781	35	0.645 219	9.989 150	2	246	
755	9.343 965	33	9.354 816	35	0.645 184	9.989 148	1	245	
756	9.343 998	34	9.354 851	36	0.645 149	9.989 147	2	244	
757	9.344 032	33	9.354 887	35	0.645 113	9.989 145	2	243	
758	9.344 065	34	9.354 922	35	0.645 078	9.989 143	1	242	
759	9.344 099	33	9.354 957	35	0.645 043	9.989 142	2	241	
.760	9.344 132	34	9.354 992	35	0.645 008	9.989 140	2	.240	
761	9.344 166	33	9.355 027	36	0.644 973	9.989 138	2	239	
762	9.344 199	34	9.355 063	35	0.644 937	9.989 136	1	238	
763	9.344 233	33	9.355 098	35	0.644 902	9.989 135	2	237	
764	9.344 266	33	9.355 133	35	0.644 867	9.989 133	2	236	
765	9.344 299	34	9.355 168	35	0.644 832	9.989 131	1	235	
766	9.344 333	33	9.355 203	35	0.644 797	9.989 130	2	234	
767	9.344 366	34	9.355 238	36	0.644 762	9.989 128	2	233	
768	9.344 400	33	9.355 274	35	0.644 726	9.989 126	2	232	
769	9.344 433	34	9.355 309	35	0.644 691	9.989 124	1	231	
.770	9.344 467	33	9.355 344	35	0.644 656	9.989 123	2	.230	
771	9.344 500	34	9.355 379	35	0.644 621	9.989 121	2	229	
772	9.344 534	33	9.355 414	35	0.644 586	9.989 119	1	228	
773	9.344 567	33	9.355 449	36	0.644 551	9.989 118	2	227	
774	9.344 600	34	9.355 485	35	0.644 515	9.989 116	2	226	
775	9.344 634	33	9.355 520	35	0.644 480	9.989 114	2	225	
776	9.344 667	34	9.355 555	35	0.644 445	9.989 112	1	224	
777	9.344 701	33	9.355 590	35	0.644 410	9.989 111	2	223	
778	9.344 734	34	9.355 625	35	0.644 375	9.989 109	2	222	
779	9.344 768	33	9.355 660	35	0.644 340	9.989 107	1	221	
.780	9.344 801	33	9.355 695	36	0.644 305	9.989 106	2	.220	
781	9.344 834	34	9.355 731	35	0.644 269	9.989 104	2	219	
782	9.344 868	33	9.355 766	35	0.644 234	9.989 102	2	218	
783	9.344 901	34	9.355 801	35	0.644 199	9.989 100	1	217	
784	9.344 935	33	9.355 836	35	0.644 164	9.989 099	2	216	
785	9.344 968	33	9.355 871	35	0.644 129	9.989 097	2	215	
786	9.345 001	34	9.355 906	35	0.644 094	9.989 095	1	214	
787	9.345 035	33	9.355 941	35	0.644 059	9.989 094	2	213	
788	9.345 068	34	9.355 976	36	0.644 024	9.989 092	2	212	
789	9.345 102	33	9.356 012	35	0.643 988	9.989 090	2	211	
.790	9.345 135	33	9.356 047	35	0.643 953	9.989 088	1	.210	
791	9.345 168	34	9.356 082	35	0.643 918	9.989 087	2	209	
792	9.345 202	33	9.356 117	35	0.643 883	9.989 085	2	208	
793	9.345 235	34	9.356 152	35	0.643 848	9.989 083	2	207	
794	9.345 269	33	9.356 187	35	0.643 813	9.989 081	1	206	
795	9.345 302	33	9.356 222	35	0.643 778	9.989 080	2	205	
796	9.345 335	34	9.356 257	35	0.643 743	9.989 078	2	204	
797	9.345 369	33	9.356 292	35	0.643 708	9.989 076	1	203	
798	9.345 402	33	9.356 327	36	0.643 673	9.989 075	2	202	
799	9.345 435	34	9.356 363	35	0.643 637	9.989 073	2	201	
.800	9.345 469		9.356 398		0.643 602	9.989 071		.200	
	cos	d	cotg	d	tang	sin	d	77°	P.P.

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1	3.6
2	7.2
3	10.8
4	14.4
5	18.0
6	21.6
7	25.2
8	28.8
9	32.4

	35
1	3.5
2	7.0
3	10.5
4	14.0
5	17.5
6	21.0
7	24.5
8	28.0
9	31.5

	34
1	3.4
2	6.8
3	10.2
4	13.6
5	17.0
6	20.4
7	23.8
8	27.2
9	30.6

	33
1	3.3
2	6.6
3	9.9
4	13.2
5	16.5
6	19.8
7	23.1
8	26.4
9	29.7

77°.250 — 77°.200

12°.800 — 12°.850

12°	sin	d	tang	d	cotg	cos	d		P.P.
.800	9.345 469	33	9.356 398	35	0.643 602	9.989 071	2	.200	
801	9.345 502	34	9.356 433	35	0.643 567	9.989 069	1	199	
802	9.345 536	33	9.356 468	35	0.643 532	9.989 068	2	198	
803	9.345 569	33	9.356 503	35	0.643 497	9.989 066	2	197	
804	9.345 602	34	9.356 538	35	0.643 462	9.989 064	1	196	
805	9.345 636	33	9.356 573	35	0.643 427	9.989 063	2	195	
806	9.345 669	33	9.356 608	35	0.643 392	9.989 061	2	194	
807	9.345 702	34	9.356 643	35	0.643 357	9.989 059	2	193	
808	9.345 736	33	9.356 678	35	0.643 322	9.989 057	1	192	
809	9.345 769	33	9.356 713	35	0.643 287	9.989 056	2	191	
.810	9.345 802	34	9.356 748	35	0.643 252	9.989 054	2	.190	
811	9.345 836	33	9.356 783	36	0.643 217	9.989 052	2	189	
812	9.345 869	33	9.356 819	35	0.643 181	9.989 050	1	188	
813	9.345 902	34	9.356 854	35	0.643 146	9.989 049	2	187	
814	9.345 936	33	9.356 889	35	0.643 111	9.989 047	2	186	
815	9.345 969	33	9.356 924	35	0.643 076	9.989 045	1	185	
816	9.346 002	34	9.356 959	35	0.643 041	9.989 044	2	184	
817	9.346 036	33	9.356 994	35	0.643 006	9.989 042	2	183	
818	9.346 069	33	9.357 029	35	0.642 971	9.989 040	2	182	
819	9.346 102	34	9.357 064	35	0.642 936	9.989 038	1	181	
.820	9.346 136	33	9.357 099	35	0.642 901	9.989 037	2	.180	
821	9.346 169	33	9.357 134	35	0.642 866	9.989 035	2	179	
822	9.346 202	33	9.357 169	35	0.642 831	9.989 033	2	178	
823	9.346 235	34	9.357 204	35	0.642 796	9.989 031	1	177	
824	9.346 269	33	9.357 239	35	0.642 761	9.989 030	2	176	
825	9.346 302	33	9.357 274	35	0.642 726	9.989 028	2	175	
826	9.346 335	34	9.357 309	35	0.642 691	9.989 026	1	174	
827	9.346 369	33	9.357 344	35	0.642 656	9.989 025	2	173	
828	9.346 402	33	9.357 379	35	0.642 621	9.989 023	2	172	
829	9.346 435	33	9.357 414	35	0.642 586	9.989 021	2	171	
.830	9.346 468	34	9.357 449	35	0.642 551	9.989 019	1	.170	
831	9.346 502	33	9.357 484	35	0.642 516	9.989 018	2	169	
832	9.346 535	33	9.357 519	35	0.642 481	9.989 016	2	168	
833	9.346 568	34	9.357 554	35	0.642 446	9.989 014	1	167	
834	9.346 602	33	9.357 589	35	0.642 411	9.989 013	2	166	
835	9.346 635	33	9.357 624	35	0.642 376	9.989 011	2	165	
836	9.346 668	33	9.357 659	35	0.642 341	9.989 009	2	164	
837	9.346 701	34	9.357 694	35	0.642 306	9.989 007	1	163	
838	9.346 735	33	9.357 729	35	0.642 271	9.989 006	2	162	
839	9.346 768	33	9.357 764	35	0.642 236	9.989 004	2	161	
.840	9.346 801	33	9.357 799	35	0.642 201	9.989 002	2	.160	
841	9.346 834	34	9.357 834	35	0.642 166	9.989 000	1	159	
842	9.346 868	33	9.357 869	35	0.642 131	9.988 999	2	158	
843	9.346 901	33	9.357 904	35	0.642 096	9.988 997	2	157	
844	9.346 934	33	9.357 939	35	0.642 061	9.988 995	1	156	
845	9.346 967	34	9.357 974	35	0.642 026	9.988 994	2	155	
846	9.347 001	33	9.358 009	35	0.641 991	9.988 992	2	154	
847	9.347 034	33	9.358 044	35	0.641 956	9.988 990	2	153	
848	9.347 067	33	9.358 079	35	0.641 921	9.988 988	1	152	
849	9.347 100	34	9.358 114	35	0.641 886	9.988 987	2	151	
.850	9.347 134		9.358 149		0.641 851	9.988 985		.150	
	cos	d	cotg	d	tang	sin	d	77°	P.P.

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1	3.6
2	7.2
3	10.8
4	14.4
5	18.0
6	21.6
7	25.2
8	28.8
9	32.4

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1	3.5
2	7.0
3	10.5
4	14.0
5	17.5
6	21.0
7	24.5
8	28.0
9	31.5

	34
1	3.4
2	6.8
3	10.2
4	13.6
5	17.0
6	20.4
7	23.8
8	27.2
9	30.6

	33
1	3.3
2	6.6
3	9.9
4	13.2
5	16.5
6	19.8
7	23.1
8	26.4
9	29.7

77°.200 — 77°.150

12°.850 — 12°.900

12°	sin	d	tang	d	cotg	cos	d		P.P.
.850	9.347 134	33	9.358 149	35	0.641 851	9.988 985	2	**.150**	
851	9.347 167	33	9.358 184	35	0.641 816	9.988 983	2	149	
852	9.347 200	33	9.358 219	35	0.641 781	9.988 981	1	148	
853	9.347 233	33	9.358 254	35	0.641 746	9.988 980	2	147	
854	9.347 266	34	9.358 289	34	0.641 711	9.988 978	2	146	
855	9.347 300	33	9.358 323	35	0.641 677	9.988 976	2	145	
856	9.347 333	33	9.358 358	35	0.641 642	9.988 974	1	144	
857	9.347 366	33	9.358 393	35	0.641 607	9.988 973	2	143	
858	9.347 399	34	9.358 428	35	0.641 572	9.988 971	2	142	
859	9.347 433	33	9.358 463	35	0.641 537	9.988 969	1	141	
.860	9.347 466	33	9.358 498	35	0.641 502	9.988 968	2	**.140**	
861	9.347 499	33	9.358 533	35	0.641 467	9.988 966	2	139	
862	9.347 532	33	9.358 568	35	0.641 432	9.988 964	2	138	
863	9.347 565	34	9.358 603	35	0.641 397	9.988 962	1	137	
864	9.347 599	33	9.358 638	35	0.641 362	9.988 961	2	136	
865	9.347 632	33	9.358 673	35	0.641 327	9.988 959	2	135	
866	9.347 665	33	9.358 708	35	0.641 292	9.988 957	2	134	
867	9.347 698	33	9.358 743	35	0.641 257	9.988 955	1	133	
868	9.347 731	33	9.358 778	35	0.641 222	9.988 954	2	132	
869	9.347 764	34	9.358 812	34	0.641 188	9.988 952	2	131	
.870	9.347 798	33	9.358 847	35	0.641 153	9.988 950	1	**.130**	
871	9.347 831	33	9.358 882	35	0.641 118	9.988 949	2	129	
872	9.347 864	33	9.358 917	35	0.641 083	9.988 947	2	128	
873	9.347 897	33	9.358 952	35	0.641 048	9.988 945	2	127	
874	9.347 930	33	9.358 987	35	0.641 013	9.988 943	1	126	
875	9.347 963	33	9.359 022	35	0.640 978	9.988 942	2	125	
876	9.347 997	34	9.359 057	35	0.640 943	9.988 940	2	124	
877	9.348 030	33	9.359 092	35	0.640 908	9.988 938	2	123	
878	9.348 063	33	9.359 127	35	0.640 873	9.988 936	1	122	
879	9.348 096	33	9.359 161	34	0.640 839	9.988 935	2	121	
.880	9.348 129	33	9.359 196	35	0.640 804	9.988 933	2	**.120**	
881	9.348 162	33	9.359 231	35	0.640 769	9.988 931	2	119	
882	9.348 196	34	9.359 266	35	0.640 734	9.988 929	1	118	
883	9.348 229	33	9.359 301	35	0.640 699	9.988 928	2	117	
884	9.348 262	33	9.359 336	35	0.640 664	9.988 926	2	116	
885	9.348 295	33	9.359 371	35	0.640 629	9.988 924	1	115	
886	9.348 328	33	9.359 406	35	0.640 594	9.988 923	2	114	
887	9.348 361	33	9.359 440	34	0.640 560	9.988 921	2	113	
888	9.348 394	33	9.359 475	35	0.640 525	9.988 919	2	112	
889	9.348 427	33	9.359 510	35	0.640 490	9.988 917	1	111	
.890	9.348 461	34	9.359 545	35	0.640 455	9.988 916	2	**.110**	
891	9.348 494	33	9.359 580	35	0.640 420	9.988 914	2	109	
892	9.348 527	33	9.359 615	35	0.640 385	9.988 912	2	108	
893	9.348 560	33	9.359 650	35	0.640 350	9.988 910	1	107	
894	9.348 593	33	9.359 684	34	0.640 316	9.988 909	2	106	
895	9.348 626	33	9.359 719	35	0.640 281	9.988 907	2	105	
896	9.348 659	33	9.359 754	35	0.640 246	9.988 905	2	104	
897	9.348 692	33	9.359 789	35	0.640 211	9.988 903	1	103	
898	9.348 725	33	9.359 824	35	0.640 176	9.988 902	2	102	
899	9.348 759	34	9.359 859	35	0.640 141	9.988 900	2	101	
.900	9.348 792	33	9.359 893	34	0.640 107	9.988 898		**.100**	
	cos	d	cotg	d	tang	sin	d	**77°**	P.P.

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8	28.0
9	31.5

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5	17.0
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7	23.8
8	27.2
9	30.6

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3	9.9
4	13.2
5	16.5
6	19.8
7	23.1
8	26.4
9	29.7

77°.150 — 77°.100

12°.900 — 12°.950

12°	sin	d	tang	d	cotg	cos	d		P.P.
.900	9.348 792		9.359 893		0.640 107	9.988 898		**.100**	
		33		35			2		
901	9.348 825		9.359 928		0.640 072	9.988 896		099	
		33		35			1		
902	9.348 858		9.359 963		0.640 037	9.988 895		098	
		33		35			2		
903	9.348 891		9.359 998		0.640 002	9.988 893		097	
		33		35			2		
904	9.348 924		9.360 033		0.639 967	9.988 891		096	
		33		35			1		
905	9.348 957		9.360 068		0.639 932	9.988 890		095	
		33		34			2		
906	9.348 990		9.360 102		0.639 898	9.988 888		094	
		33		35			2		
907	9.349 023		9.360 137		0.639 863	9.988 886		093	
		33		35			2		
908	9.349 056		9.360 172		0.639 828	9.988 884		092	
		33		35			1		
909	9.349 089		9.360 207		0.639 793	9.988 883		091	
		34		35			2		
.910	9.349 123		9.360 242		0.639 758	9.988 881		**.090**	
		33		34			2		
911	9.349 156		9.360 276		0.639 724	9.988 879		089	
		33		35			2		
912	9.349 189		9.360 311		0.639 689	9.988 877		088	
		33		35			1		
913	9.349 222		9.360 346		0.639 654	9.988 876		087	
		33		35			2		
914	9.349 255		9.360 381		0.639 619	9.988 874		086	
		33		35			2		
915	9.349 288		9.360 416		0.639 584	9.988 872		085	
		33		34			2		
916	9.349 321		9.360 450		0.639 550	9.988 870		084	
		33		35			1		
917	9.349 354		9.360 485		0.639 515	9.988 869		083	
		33		35			2		
918	9.349 387		9.360 520		0.639 480	9.988 867		082	
		33		35			2		
919	9.349 420		9.360 555		0.639 445	9.988 865		081	
		33		35			2		
.920	9.349 453		9.360 590		0.639 410	9.988 863		**.080**	
		33		34			1		
921	9.349 486		9.360 624		0.639 376	9.988 862		079	
		33		35			2		
922	9.349 519		9.360 659		0.639 341	9.988 860		078	
		33		35			2		
923	9.349 552		9.360 694		0.639 306	9.988 858		077	
		33		35			1		
924	9.349 585		9.360 729		0.639 271	9.988 857		076	
		33		34			2		
925	9.349 618		9.360 763		0.639 237	9.988 855		075	
		33		35			2		
926	9.349 651		9.360 798		0.639 202	9.988 853		074	
		33		35			2		
927	9.349 684		9.360 833		0.639 167	9.988 851		073	
		33		35			1		
928	9.349 717		9.360 868		0.639 132	9.988 850		072	
		33		35			2		
929	9.349 750		9.360 903		0.639 097	9.988 848		071	
		33		34			2		
.930	9.349 783		9.360 937		0.639 063	9.988 846		**.070**	
		33		35			2		
931	9.349 816		9.360 972		0.639 028	9.988 844		069	
		33		35			1		
932	9.349 849		9.361 007		0.638 993	9.988 843		068	
		33		35			2		
933	9.349 882		9.361 042		0.638 958	9.988 841		067	
		33		34			2		
934	9.349 915		9.361 076		0.638 924	9.988 839		066	
		33		35			2		
935	9.349 948		9.361 111		0.638 889	9.988 837		065	
		33		35			1		
936	9.349 981		9.361 146		0.638 854	9.988 836		064	
		33		35			2		
937	9.350 014		9.361 181		0.638 819	9.988 834		063	
		33		34			2		
938	9.350 047		9.361 215		0.638 785	9.988 832		062	
		33		35			2		
939	9.350 080		9.361 250		0.638 750	9.988 830		061	
		33		35			1		
.940	9.350 113		9.361 285		0.638 715	9.988 829		**.060**	
		33		34			2		
941	9.350 146		9.361 319		0.638 681	9.988 827		059	
		33		35			2		
942	9.350 179		9.361 354		0.638 646	9.988 825		058	
		33		35			2		
943	9.350 212		9.361 389		0.638 611	9.988 823		057	
		33		35			1		
944	9.350 245		9.361 424		0.638 576	9.988 822		056	
		33		34			2		
945	9.350 278		9.361 458		0.638 542	9.988 820		055	
		33		35			2		
946	9.350 311		9.361 493		0.638 507	9.988 818		054	
		33		35			2		
947	9.350 344		9.361 528		0.638 472	9.988 816		053	
		33		34			1		
948	9.350 377		9.361 562		0.638 438	9.988 815		052	
		33		35			2		
949	9.350 410		9.361 597		0.638 403	9.988 813		051	
		33		35			2		
.950	9.350 443		9.361 632		0.638 368	9.988 811		**.050**	
	cos	d	cotg	d	tang	sin	d	**77°**	P.P.

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8	26.4
9	29.7

77°.100 — 77°.050

12°.950 — 13°.000

12°	sin	d	tang	d	cotg	cos	d		P.P.
.950	9.350 443		9.361 632		0.638 368	9.988 811		.050	
		33		35			1		
951	9.350 476		9.361 667		0.638 333	9.988 810		049	
		33		34			2		
952	9.350 509		9.361 701		0.638 299	9.988 808		048	
		33		35			2		
953	9.350 542		9.361 736		0.638 264	9.988 806		047	
		33		35			2		
954	9.350 575		9.361 771		0.638 229	9.988 804		046	
		33		34			1		
955	9.350 608		9.361 805		0.638 195	9.988 803		045	
		33		35			2		
956	9.350 641		9.361 840		0.638 160	9.988 801		044	
		33		35			2		
957	9.350 674		9.361 875		0.638 125	9.988 799		043	
		33		34			2		
958	9.350 707		9.361 909		0.638 091	9.988 797		042	
		33		35			1		
959	9.350 740		9.361 944		0.638 056	9.988 796		041	
		33		35			2		
.960	9.350 773		9.361 979		0.638 021	9.988 794		.040	
		33		35			2		
961	9.350 806		9.362 014		0.637 986	9.988 792		039	
		33		34			2		
962	9.350 839		9.362 048		0.637 952	9.988 790		038	
		32		35			1		
963	9.350 871		9.362 083		0.637 917	9.988 789		037	
		33		35			2		
964	9.350 904		9.362 118		0.637 882	9.988 787		036	
		33		34			2		
965	9.350 937		9.362 152		0.637 848	9.988 785		035	
		33		35			2		
966	9.350 970		9.362 187		0.637 813	9.988 783		034	
		33		35			1		
967	9.351 003		9.362 222		0.637 778	9.988 782		033	
		33		34			2		
968	9.351 036		9.362 256		0.637 744	9.988 780		032	
		33		35			2		
969	9.351 069		9.362 291		0.637 709	9.988 778		031	
		33		35			2		
.970	9.351 102		9.362 326		0.637 674	9.988 776		.030	
		33		34			1		
971	9.351 135		9.362 360		0.637 640	9.988 775		029	
		33		35			2		
972	9.351 168		9.362 395		0.637 605	9.988 773		028	
		33		34			2		
973	9.351 201		9.362 429		0.637 571	9.988 771		027	
		33		35			2		
974	9.351 234		9.362 464		0.637 536	9.988 769		026	
		32		35			1		
975	9.351 266		9.362 499		0.637 501	9.988 768		025	
		33		34			2		
976	9.351 299		9.362 533		0.637 467	9.988 766		024	
		33		35			2		
977	9.351 332		9.362 568		0.637 432	9.988 764		023	
		33		35			2		
978	9.351 365		9.362 603		0.637 397	9.988 762		022	
		33		34			1		
979	9.351 398		9.362 637		0.637 363	9.988 761		021	
		33		35			2		
.980	9.351 431		9.362 672		0.637 328	9.988 759		.020	
		33		35			2		
981	9.351 464		9.362 707		0.637 293	9.988 757		019	
		33		34			2		
982	9.351 497		9.362 741		0.637 259	9.988 755		018	
		33		35			1		
983	9.351 530		9.362 776		0.637 224	9.988 754		017	
		32		34			2		
984	9.351 562		9.362 810		0.637 190	9.988 752		016	
		33		35			2		
985	9.351 595		9.362 845		0.637 155	9.988 750		015	
		33		35			2		
986	9.351 628		9.362 880		0.637 120	9.988 748		014	
		33		34			1		
987	9.351 661		9.362 914		0.637 086	9.988 747		013	
		33		35			2		
988	9.351 694		9.362 949		0.637 051	9.988 745		012	
		33		35			2		
989	9.351 727		9.362 984		0.637 016	9.988 743		011	
		33		34			2		
.990	9.351 760		9.363 018		0.636 982	9.988 741		.010	
		32		35			1		
991	9.351 792		9.363 053		0.636 947	9.988 740		009	
		33		34			2		
992	9.351 825		9.363 087		0.636 913	9.988 738		008	
		33		35			2		
993	9.351 858		9.363 122		0.636 878	9.988 736		007	
		33		35			2		
994	9.351 891		9.363 157		0.636 843	9.988 734		006	
		33		34			1		
995	9.351 924		9.363 191		0.636 809	9.988 733		005	
		33		35			2		
996	9.351 957		9.363 226		0.636 774	9.988 731		004	
		33		34			2		
997	9.351 990		9.363 260		0.636 740	9.988 729		003	
		32		35			2		
998	9.352 022		9.363 295		0.636 705	9.988 727		002	
		33		35			1		
999	9.352 055		9.363 330		0.636 670	9.988 726		001	
		33		34			2		
*.000	9.352 088		9.363 364		0.636 636	9.988 724		.000	
	cos	d	cotg	d	tang	sin	d	77°	P.P.

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5	16.5
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7	23.1
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9	29.7

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7	22.4
8	25.6
9	28.8

77°.050 — 77°.000

13°.000 — 13°.050

13°	sin	d	tang	d	cotg	cos	d		P.P.
.000	9.352 088		9.363 364		0.636 636	9.988 724		***000**	
		33		35			2		
001	9.352 121		9.363 399		0.636 601	9.988 722		999	
002	9.352 154	33	9.363 433	34	0.636 567	9.988 720	2	998	
003	9.352 187	33	9.363 468	35	0.636 532	9.988 719	1	997	
		32		34			2		
004	9.352 219		9.363 502		0.636 498	9.988 717		996	
005	9.352 252	33	9.363 537	35	0.636 463	9.988 715	2	995	
006	9.352 285	33	9.363 572	35	0.636 428	9.988 713	2	994	
		33		34			1		
007	9.352 318		9.363 606		0.636 394	9.988 712		993	
008	9.352 351	33	9.363 641	35	0.636 359	9.988 710	2	992	
009	9.352 383	32	9.363 675	34	0.636 325	9.988 708	2	991	
		33		35			2		
.010	9.352 416		9.363 710		0.636 290	9.988 706		**.990**	
		33		34			1		
011	9.352 449		9.363 744		0.636 256	9.988 705		989	
012	9.352 482	33	9.363 779	35	0.636 221	9.988 703	2	988	
013	9.352 515	33	9.363 813	34	0.636 187	9.988 701	2	987	
		32		35			2		
014	9.352 547		9.363 848		0.636 152	9.988 699		986	
015	9.352 580	33	9.363 883	35	0.636 117	9.988 698	1	985	
016	9.352 613	33	9.363 917	34	0.636 083	9.988 696	2	984	
		33		35			2		
017	9.352 646		9.363 952		0.636 048	9.988 694		983	
018	9.352 679	33	9.363 986	34	0.636 014	9.988 692	2	982	
019	9.352 711	32	9.364 021	35	0.635 979	9.988 691	1	981	
		33		34			2		
.020	9.352 744		9.364 055		0.635 945	9.988 689		**.980**	
		33		35			2		
021	9.352 777		9.364 090		0.635 910	9.988 687		979	
022	9.352 810	33	9.364 124	34	0.635 876	9.988 685	2	978	
023	9.352 842	32	9.364 159	35	0.635 841	9.988 684	1	977	
		33		34			2		
024	9.352 875		9.364 193		0.635 807	9.988 682		976	
025	9.352 908	33	9.364 228	35	0.635 772	9.988 680	2	975	
026	9.352 941	33	9.364 262	34	0.635 738	9.988 678	2	974	
		33		35			1		
027	9.352 974		9.364 297		0.635 703	9.988 677		973	
028	9.353 006	32	9.364 331	34	0.635 669	9.988 675	2	972	
029	9.353 039	33	9.364 366	35	0.635 634	9.988 673	2	971	
		33		34			2		
.030	9.353 072		9.364 400		0.635 600	9.988 671		**.970**	
		33		35			1		
031	9.353 105		9.364 435		0.635 565	9.988 670		969	
032	9.353 137	32	9.364 469	34	0.635 531	9.988 668	2	968	
033	9.353 170	33	9.364 504	35	0.635 496	9.988 666	2	967	
		33		34			2		
034	9.353 203		9.364 538		0.635 462	9.988 664		966	
035	9.353 236	33	9.364 573	35	0.635 427	9.988 663	1	965	
036	9.353 268	32	9.364 607	34	0.635 393	9.988 661	2	964	
		33		35			2		
037	9.353 301		9.364 642		0.635 358	9.988 659		963	
038	9.353 334	33	9.364 676	34	0.635 324	9.988 657	2	962	
039	9.353 366	32	9.364 711	35	0.635 289	9.988 656	1	961	
		33		34			2		
.040	9.353 399		9.364 745		0.635 255	9.988 654		**.960**	
		33		35			2		
041	9.353 432		9.364 780		0.635 220	9.988 652		959	
042	9.353 465	33	9.364 814	34	0.635 186	9.988 650	2	958	
043	9.353 497	32	9.364 849	35	0.635 151	9.988 649	1	957	
		33		34			2		
044	9.353 530		9.364 883		0.635 117	9.988 647		956	
045	9.353 563	33	9.364 918	35	0.635 082	9.988 645	2	955	
046	9.353 596	33	9.364 952	34	0.635 048	9.988 643	2	954	
		32		35			1		
047	9.353 628		9.364 987		0.635 013	9.988 642		953	
048	9.353 661	33	9.365 021	34	0.634 979	9.988 640	2	952	
049	9.353 694	33	9.365 056	35	0.634 944	9.988 638	2	951	
		32		34			2		
.050	9.353 726		9.365 090		0.634 910	9.988 636		**.950**	
	cos	d	cotg	d	tang	sin	d	**76°**	P.P.

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9	30.6

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9	29.7

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8	25.6
9	28.8

77°.000 — 76°.950

13°.050 — 13°.100

13°	sin	d	tang	d	cotg	cos	d		P.P.
.050	9.353 726		9.365 090		0.634 910	9.988 636		.950	
		33		35			1		
051	9.353 759		9.365 125		0.634 875	9.988 635		949	
		33		34			2		
052	9.353 792		9.365 159		0.634 841	9.988 633		948	
		32		34			2		
053	9.353 824		9.365 193		0.634 807	9.988 631		947	
		33		35			2		
054	9.353 857		9.365 228		0.634 772	9.988 629		946	
		33		34			2		
055	9.353 890		9.365 262		0.634 738	9.988 627		945	
		33		35			1		
056	9.353 923		9.365 297		0.634 703	9.988 626		944	
		32		34			2		
057	9.353 955		9.365 331		0.634 669	9.988 624		943	
		33		35			2		
058	9.353 988		9.365 366		0.634 634	9.988 622		942	
		33		34			2		
059	9.354 021		9.365 400		0.634 600	9.988 620		941	
		32		35			1		
.060	9.354 053		9.365 435		0.634 565	9.988 619		.940	
		33		34			2		
061	9.354 086		9.365 469		0.634 531	9.988 617		939	
		33		34			2		
062	9.354 119		9.365 503		0.634 497	9.988 615		938	
		32		35			2		
063	9.354 151		9.365 538		0.634 462	9.988 613		937	
		33		34			1		
064	9.354 184		9.365 572		0.634 428	9.988 612		936	
		33		35			2		
065	9.354 217		9.365 607		0.634 393	9.988 610		935	
		32		34			2		
066	9.354 249		9.365 641		0.634 359	9.988 608		934	
		33		35			2		
067	9.354 282		9.365 676		0.634 324	9.988 606		933	
		33		34			1		
068	9.354 315		9.365 710		0.634 290	9.988 605		932	
		32		34			2		
069	9.354 347		9.365 744		0.634 256	9.988 603		931	
		33		35			2		
.070	9.354 380		9.365 779		0.634 221	9.988 601		.930	
		33		34			2		
071	9.354 413		9.365 813		0.634 187	9.988 599		929	
		32		35			1		
072	9.354 445		9.365 848		0.634 152	9.988 598		928	
		33		34			2		
073	9.354 478		9.365 882		0.634 118	9.988 596		927	
		32		34			2		
074	9.354 510		9.365 916		0.634 084	9.988 594		926	
		33		35			2		
075	9.354 543		9.365 951		0.634 049	9.988 592		925	
		33		34			1		
076	9.354 576		9.365 985		0.634 015	9.988 591		924	
		32		35			2		
077	9.354 608		9.366 020		0.633 980	9.988 589		923	
		33		34			2		
078	9.354 641		9.366 054		0.633 946	9.988 587		922	
		33		34			2		
079	9.354 674		9.366 088		0.633 912	9.988 585		921	
		32		35			2		
.080	9.354 706		9.366 123		0.633 877	9.988 583		.920	
		33		34			1		
081	9.354 739		9.366 157		0.633 843	9.988 582		919	
		33		35			2		
082	9.354 772		9.366 192		0.633 808	9.988 580		918	
		32		34			2		
083	9.354 804		9.366 226		0.633 774	9.988 578		917	
		33		34			2		
084	9.354 837		9.366 260		0.633 740	9.988 576		916	
		32		35			1		
085	9.354 869		9.366 295		0.633 705	9.988 575		915	
		33		34			2		
086	9.354 902		9.366 329		0.633 671	9.988 573		914	
		33		34			2		
087	9.354 935		9.366 363		0.633 637	9.988 571		913	
		32		35			2		
088	9.354 967		9.366 398		0.633 602	9.988 569		912	
		33		34			1		
089	9.355 000		9.366 432		0.633 568	9.988 568		911	
		32		35			2		
.090	9.355 032		9.366 467		0.633 533	9.988 566		.910	
		33		34			2		
091	9.355 065		9.366 501		0.633 499	9.988 564		909	
		33		34			2		
092	9.355 098		9.366 535		0.633 465	9.988 562		908	
		32		35			1		
093	9.355 130		9.366 570		0.633 430	9.988 561		907	
		33		34			2		
094	9.355 163		9.366 604		0.633 396	9.988 559		906	
		32		34			2		
095	9.355 195		9.366 638		0.633 362	9.988 557		905	
		33		35			2		
096	9.355 228		9.366 673		0.633 327	9.988 555		904	
		32		34			1		
097	9.355 260		9.366 707		0.633 293	9.988 554		903	
		33		34			2		
098	9.355 293		9.366 741		0.633 259	9.988 552		902	
		33		35			2		
099	9.355 326		9.366 776		0.633 224	9.988 550		901	
		32		34			2		
.100	9.355 358		9.366 810		0.633 190	9.988 548		.900	
	cos	d	cotg	d	tang	sin	d	76°	P.P.

	35
1	3.5
2	7.0
3	10.5
4	14.0
5	17.5
6	21.0
7	24.5
8	28.0
9	31.5

	34
1	3.4
2	6.8
3	10.2
4	13.6
5	17.0
6	20.4
7	23.8
8	27.2
9	30.6

	33
1	3.3
2	6.6
3	9.9
4	13.2
5	16.5
6	19.8
7	23.1
8	26.4
9	29.7

	32
1	3.2
2	6.4
3	9.6
4	12.8
5	16.0
6	19.2
7	22.4
8	25.6
9	28.8

76°.950 — 76°.900

13°.100 — 13°.150

13°	sin	d	tang	d	cotg	cos	d		P.P.
.100	9.355 358	33	9.366 810	34	0.633 190	9.988 548	2	.900	
101	9.355 391	32	9.366 844	35	0.633 156	9.988 546	1	899	
102	9.355 423	33	9.366 879	34	0.633 121	9.988 545	2	898	
103	9.355 456	32	9.366 913	34	0.633 087	9.988 543	2	897	
104	9.355 488	33	9.366 947	35	0.633 053	9.988 541	2	896	35
105	9.355 521	33	9.366 982	34	0.633 018	9.988 539	1	895	1 3.5
106	9.355 554	32	9.367 016	34	0.632 984	9.988 538	2	894	2 7.0
107	9.355 586	33	9.367 050	35	0.632 950	9.988 536	2	893	3 10.5
108	9.355 619	32	9.367 085	34	0.632 915	9.988 534	2	892	4 14.0
109	9.355 651	33	9.367 119	34	0.632 881	9.988 532	1	891	5 17.5
.110	9.355 684	32	9.367 153	35	0.632 847	9.988 531	2	.890	6 21.0
111	9.355 716	33	9.367 188	34	0.632 812	9.988 529	2	889	7 24.5
112	9.355 749	32	9.367 222	34	0.632 778	9.988 527	2	888	8 28.0
113	9.355 781	33	9.367 256	34	0.632 744	9.988 525	1	887	9 31.5
114	9.355 814	33	9.367 290	35	0.632 710	9.988 524	2	886	
115	9.355 847	32	9.367 325	34	0.632 675	9.988 522	2	885	34
116	9.355 879	33	9.367 359	34	0.632 641	9.988 520	2	884	1 3.4
117	9.355 912	32	9.367 393	35	0.632 607	9.988 518	2	883	2 6.8
118	9.355 944	33	9.367 428	34	0.632 572	9.988 516	1	882	3 10.2
119	9.355 977	32	9.367 462	34	0.632 538	9.988 515	2	881	4 13.6
.120	9.356 009	33	9.367 496	35	0.632 504	9.988 513	2	.880	5 17.0
121	9.356 042	32	9.367 531	34	0.632 469	9.988 511	2	879	6 20.4
122	9.356 074	33	9.367 565	34	0.632 435	9.988 509	1	878	7 23.8
123	9.356 107	32	9.367 599	34	0.632 401	9.988 508	2	877	8 27.2
124	9.356 139	33	9.367 633	35	0.632 367	9.988 506	2	876	9 30.6
125	9.356 172	32	9.367 668	34	0.632 332	9.988 504	2	875	
126	9.356 204	33	9.367 702	34	0.632 298	9.988 502	1	874	
127	9.356 237	32	9.367 736	34	0.632 264	9.988 501	2	873	33
128	9.356 269	33	9.367 770	35	0.632 230	9.988 499	2	872	1 3.3
129	9.356 302	32	9.367 805	34	0.632 195	9.988 497	2	871	2 6.6
.130	9.356 334	33	9.367 839	34	0.632 161	9.988 495	2	.870	3 9.9
131	9.356 367	32	9.367 873	35	0.632 127	9.988 493	1	869	4 13.2
132	9.356 399	33	9.367 908	34	0.632 092	9.988 492	2	868	5 16.5
133	9.356 432	32	9.367 942	34	0.632 058	9.988 490	2	867	6 19.8
134	9.356 464	33	9.367 976	34	0.632 024	9.988 488	2	866	7 23.1
135	9.356 497	32	9.368 010	35	0.631 990	9.988 486	1	865	8 26.4
136	9.356 529	33	9.368 045	34	0.631 955	9.988 485	2	864	9 29.7
137	9.356 562	32	9.368 079	34	0.631 921	9.988 483	2	863	
138	9.356 594	33	9.368 113	34	0.631 887	9.988 481	2	862	
139	9.356 627	32	9.368 147	35	0.631 853	9.988 479	1	861	32
.140	9.356 659	33	9.368 182	34	0.631 818	9.988 478	2	.860	1 3.2
141	9.356 692	32	9.368 216	34	0.631 784	9.988 476	2	859	2 6.4
142	9.356 724	32	9.368 250	34	0.631 750	9.988 474	2	858	3 9.6
143	9.356 756	33	9.368 284	34	0.631 716	9.988 472	2	857	4 12.8
144	9.356 789	32	9.368 318	35	0.631 682	9.988 470	1	856	5 16.0
145	9.356 821	33	9.368 353	34	0.631 647	9.988 469	2	855	6 19.2
146	9.356 854	32	9.368 387	34	0.631 613	9.988 467	2	854	7 22.4
147	9.356 886	33	9.368 421	34	0.631 579	9.988 465	2	853	8 25.6
148	9.356 919	32	9.368 455	35	0.631 545	9.988 463	1	852	9 28.8
149	9.356 951	33	9.368 490	34	0.631 510	9.988 462	2	851	
.150	9.356 984		9.368 524		0.631 476	9.988 460		.850	
	cos	d	cotg	d	tang	sin	d	76°	P.P.

76°.900 — 76°.850

13°.150 — 13°.200

13°	sin	d	tang	d	cotg	cos	d		P.P.
.150	9.356 984	32	9.368 524	34	0.631 476	9.988 460	2	.850	
151	9.357 016	33	9.368 558	34	0.631 442	9.988 458	2	849	
152	9.357 049	32	9.368 592	34	0.631 408	9.988 456	1	848	
153	9.357 081	32	9.368 626	35	0.631 374	9.988 455	2	847	
154	9.357 113	33	9.368 661	34	0.631 339	9.988 453	2	846	
155	9.357 146	32	9.368 695	34	0.631 305	9.988 451	2	845	
156	9.357 178	33	9.368 729	34	0.631 271	9.988 449	2	844	
157	9.357 211	32	9.368 763	34	0.631 237	9.988 447	1	843	
158	9.357 243	33	9.368 797	35	0.631 203	9.988 446	2	842	
159	9.357 276	32	9.368 832	34	0.631 168	9.988 444	2	841	
.160	9.357 308	32	9.368 866	34	0.631 134	9.988 442	2	.840	
161	9.357 340	33	9.368 900	34	0.631 100	9.988 440	1	839	
162	9.357 373	32	9.368 934	34	0.631 066	9.988 439	2	838	
163	9.357 405	33	9.368 968	35	0.631 032	9.988 437	2	837	
164	9.357 438	32	9.369 003	34	0.630 997	9.988 435	2	836	
165	9.357 470	32	9.369 037	34	0.630 963	9.988 433	1	835	
166	9.357 502	33	9.369 071	34	0.630 929	9.988 432	2	834	
167	9.357 535	32	9.369 105	34	0.630 895	9.988 430	2	833	
168	9.357 567	33	9.369 139	34	0.630 861	9.988 428	2	832	
169	9.357 600	32	9.369 173	35	0.630 827	9.988 426	2	831	
.170	9.357 632	32	9.369 208	34	0.630 792	9.988 424	1	.830	
171	9.357 664	33	9.369 242	34	0.630 758	9.988 423	2	829	
172	9.357 697	32	9.369 276	34	0.630 724	9.988 421	2	828	
173	9.357 729	33	9.369 310	34	0.630 690	9.988 419	2	827	
174	9.357 762	32	9.369 344	34	0.630 656	9.988 417	1	826	
175	9.357 794	32	9.369 378	35	0.630 622	9.988 416	2	825	
176	9.357 826	33	9.369 413	34	0.630 587	9.988 414	2	824	
177	9.357 859	32	9.369 447	34	0.630 553	9.988 412	2	823	
178	9.357 891	32	9.369 481	34	0.630 519	9.988 410	2	822	
179	9.357 923	33	9.369 515	34	0.630 485	9.988 408	1	821	
.180	9.357 956	32	9.369 549	34	0.630 451	9.988 407	2	.820	
181	9.357 988	33	9.369 583	34	0.630 417	9.988 405	2	819	
182	9.358 021	32	9.369 617	35	0.630 383	9.988 403	2	818	
183	9.358 053	32	9.369 652	34	0.630 348	9.988 401	1	817	
184	9.358 085	33	9.369 686	34	0.630 314	9.988 400	2	816	
185	9.358 118	32	9.369 720	34	0.630 280	9.988 398	2	815	
186	9.358 150	32	9.369 754	34	0.630 246	9.988 396	2	814	
187	9.358 182	33	9.369 788	34	0.630 212	9.988 394	2	813	
188	9.358 215	32	9.369 822	34	0.630 178	9.988 392	1	812	
189	9.358 247	32	9.369 856	34	0.630 144	9.988 391	2	811	
.190	9.358 279	33	9.369 890	35	0.630 110	9.988 389	2	.810	
191	9.358 312	32	9.369 925	34	0.630 075	9.988 387	2	809	
192	9.358 344	32	9.369 959	34	0.630 041	9.988 385	1	808	
193	9.358 376	33	9.369 993	34	0.630 007	9.988 384	2	807	
194	9.358 409	32	9.370 027	34	0.629 973	9.988 382	2	806	
195	9.358 441	32	9.370 061	34	0.629 939	9.988 380	2	805	
196	9.358 473	33	9.370 095	34	0.629 905	9.988 378	2	804	
197	9.358 506	32	9.370 129	34	0.629 871	9.988 376	1	803	
198	9.358 538	32	9.370 163	34	0.629 837	9.988 375	2	802	
199	9.358 570	33	9.370 197	35	0.629 803	9.988 373	2	801	
.200	9.358 603		9.370 232		0.629 768	9.988 371		.800	
	cos	d	cotg	d	tang	sin	d	76°	P.P.

	35
1	3.5
2	7.0
3	10.5
4	14.0
5	17.5
6	21.0
7	24.5
8	28.0
9	31.5

	34
1	3.4
2	6.8
3	10.2
4	13.6
5	17.0
6	20.4
7	23.8
8	27.2
9	30.6

	33
1	3.3
2	6.6
3	9.9
4	13.2
5	16.5
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7	23.1
8	26.4
9	29.7

	32
1	3.2
2	6.4
3	9.6
4	12.8
5	16.0
6	19.2
7	22.4
8	25.6
9	28.8

76°.850 — 76°.800

13°.200 — 13°.250

13°	sin	d	tang	d	cotg	cos	d		P.P.
.200	9.358 603	32	9.370 232	34	0.629 768	9.988 371	2	**.800**	
201	9.358 635	32	9.370 266	34	0.629 734	9.988 369	1	799	
202	9.358 667	33	9.370 300	34	0.629 700	9.988 368	2	798	
203	9.358 700	32	9.370 334	34	0.629 666	9.988 366	2	797	
204	9.358 732	32	9.370 368	34	0.629 632	9.988 364	2	796	
205	9.358 764	33	9.370 402	34	0.629 598	9.988 362	2	795	
206	9.358 797	32	9.370 436	34	0.629 564	9.988 360	1	794	
207	9.358 829	32	9.370 470	34	0.629 530	9.988 359	2	793	
208	9.358 861	32	9.370 504	34	0.629 496	9.988 357	2	792	
209	9.358 893	33	9.370 538	34	0.629 462	9.988 355	2	791	
.210	9.358 926	32	9.370 572	34	0.629 428	9.988 353	1	**.790**	
211	9.358 958	32	9.370 606	34	0.629 394	9.988 352	2	789	
212	9.358 990	33	9.370 640	35	0.629 360	9.988 350	2	788	
213	9.359 023	32	9.370 675	34	0.629 325	9.988 348	2	787	
214	9.359 055	32	9.370 709	34	0.629 291	9.988 346	2	786	
215	9.359 087	32	9.370 743	34	0.629 257	9.988 344	1	785	
216	9.359 119	33	9.370 777	34	0.629 223	9.988 343	2	784	
217	9.359 152	32	9.370 811	34	0.629 189	9.988 341	2	783	
218	9.359 184	32	9.370 845	34	0.629 155	9.988 339	2	782	
219	9.359 216	33	9.370 879	34	0.629 121	9.988 337	1	781	
.220	9.359 249	32	9.370 913	34	0.629 087	9.988 336	2	**.780**	
221	9.359 281	32	9.370 947	34	0.629 053	9.988 334	2	779	
222	9.359 313	32	9.370 981	34	0.629 019	9.988 332	2	778	
223	9.359 345	33	9.371 015	34	0.628 985	9.988 330	2	777	
224	9.359 378	32	9.371 049	34	0.628 951	9.988 328	1	776	
225	9.359 410	32	9.371 083	34	0.628 917	9.988 327	2	775	
226	9.359 442	32	9.371 117	34	0.628 883	9.988 325	2	774	
227	9.359 474	33	9.371 151	34	0.628 849	9.988 323	2	773	
228	9.359 507	32	9.371 185	34	0.628 815	9.988 321	1	772	
229	9.359 539	32	9.371 219	34	0.628 781	9.988 320	2	771	
.230	9.359 571	32	9.371 253	34	0.628 747	9.988 318	2	**.770**	
231	9.359 603	33	9.371 287	34	0.628 713	9.988 316	2	769	
232	9.359 636	32	9.371 321	34	0.628 679	9.988 314	2	768	
233	9.359 668	32	9.371 355	34	0.628 645	9.988 312	1	767	
234	9.359 700	32	9.371 389	34	0.628 611	9.988 311	2	766	
235	9.359 732	32	9.371 423	34	0.628 577	9.988 309	2	765	
236	9.359 764	33	9.371 457	34	0.628 543	9.988 307	2	764	
237	9.359 797	32	9.371 491	34	0.628 509	9.988 305	2	763	
238	9.359 829	32	9.371 525	34	0.628 475	9.988 303	1	762	
239	9.359 861	32	9.371 559	34	0.628 441	9.988 302	2	761	
.240	9.359 893	33	9.371 593	34	0.628 407	9.988 300	2	**.760**	
241	9.359 926	32	9.371 627	34	0.628 373	9.988 298	2	759	
242	9.359 958	32	9.371 661	34	0.628 339	9.988 296	1	758	
243	9.359 990	32	9.371 695	34	0.628 305	9.988 295	2	757	
244	9.360 022	32	9.371 729	34	0.628 271	9.988 293	2	756	
245	9.360 054	33	9.371 763	34	0.628 237	9.988 291	2	755	
246	9.360 087	32	9.371 797	34	0.628 203	9.988 289	2	754	
247	9.360 119	32	9.371 831	34	0.628 169	9.988 287	1	753	
248	9.360 151	32	9.371 865	34	0.628 135	9.988 286	2	752	
249	9.360 183	32	9.371 899	34	0.628 101	9.988 284	2	751	
.250	9.360 215		9.371 933		0.628 067	9.988 282		**.750**	
	cos	d	cotg	d	tang	sin	d	**76°**	P.P.

	35
1	3.5
2	7.0
3	10.5
4	14.0
5	17.5
6	21.0
7	24.5
8	28.0
9	31.5

	34
1	3.4
2	6.8
3	10.2
4	13.6
5	17.0
6	20.4
7	23.8
8	27.2
9	30.6

	33
1	3.3
2	6.6
3	9.9
4	13.2
5	16.5
6	19.8
7	23.1
8	26.4
9	29.7

	32
1	3.2
2	6.4
3	9.6
4	12.8
5	16.0
6	19.2
7	22.4
8	25.6
9	28.8

76°.800 — 76°.750

13°.250 — 13°.300

13°	sin	d	tang	d	cotg	cos	d		P.P.
.250	9.360 215		9.371 933		0.628 067	9.988 282		**.750**	
		33		34			2		
251	9.360 248		9.371 967		0.628 033	9.988 280		749	
		32		34			1		
252	9.360 280		9.372 001		0.627 999	9.988 279		748	
		32		34			2		
253	9.360 312		9.372 035		0.627 965	9.988 277		747	
		32		34			2		
254	9.360 344		9.372 069		0.627 931	9.988 275		746	
		32		34			2		
255	9.360 376		9.372 103		0.627 897	9.988 273		745	
		32		34			2		
256	9.360 408		9.372 137		0.627 863	9.988 271		744	
		33		34			1		
257	9.360 441		9.372 171		0.627 829	9.988 270		743	
		32		34			2		
258	9.360 473		9.372 205		0.627 795	9.988 268		742	
		32		34			2		
259	9.360 505		9.372 239		0.627 761	9.988 266		741	
		32		34			2		
.260	9.360 537		9.372 273		0.627 727	9.988 264		**.740**	
		32		34			2		
261	9.360 569		9.372 307		0.627 693	9.988 262		739	
		32		34			1		
262	9.360 601		9.372 341		0.627 659	9.988 261		738	
		33		34			2		
263	9.360 634		9.372 375		0.627 625	9.988 259		737	
		32		34			2		
264	9.360 666		9.372 409		0.627 591	9.988 257		736	
		32		34			2		
265	9.360 698		9.372 443		0.627 557	9.988 255		735	
		32		34			1		
266	9.360 730		9.372 477		0.627 523	9.988 254		734	
		32		34			2		
267	9.360 762		9.372 511		0.627 489	9.988 252		733	
		32		33			2		
268	9.360 794		9.372 544		0.627 456	9.988 250		732	
		33		34			2		
269	9.360 827		9.372 578		0.627 422	9.988 248		731	
		32		34			2		
.270	9.360 859		9.372 612		0.627 388	9.988 246		**.730**	
		32		34			1		
271	9.360 891		9.372 646		0.627 354	9.988 245		729	
		32		34			2		
272	9.360 923		9.372 680		0.627 320	9.988 243		728	
		32		34			2		
273	9.360 955		9.372 714		0.627 286	9.988 241		727	
		32		34			2		
274	9.360 987		9.372 748		0.627 252	9.988 239		726	
		32		34			2		
275	9.361 019		9.372 782		0.627 218	9.988 237		725	
		32		34			1		
276	9.361 051		9.372 816		0.627 184	9.988 236		724	
		33		34			2		
277	9.361 084		9.372 850		0.627 150	9.988 234		723	
		32		34			2		
278	9.361 116		9.372 884		0.627 116	9.988 232		722	
		32		34			2		
279	9.361 148		9.372 918		0.627 082	9.988 230		721	
		32		33			2		
.280	9.361 180		9.372 951		0.627 049	9.988 228		**.720**	
		32		34			1		
281	9.361 212		9.372 985		0.627 015	9.988 227		719	
		32		34			2		
282	9.361 244		9.373 019		0.626 981	9.988 225		718	
		32		34			2		
283	9.361 276		9.373 053		0.626 947	9.988 223		717	
		32		34			2		
284	9.361 308		9.373 087		0.626 913	9.988 221		716	
		32		34			1		
285	9.361 340		9.373 121		0.626 879	9.988 220		715	
		33		34			2		
286	9.361 373		9.373 155		0.626 845	9.988 218		714	
		32		34			2		
287	9.361 405		9.373 189		0.626 811	9.988 216		713	
		32		34			2		
288	9.361 437		9.373 223		0.626 777	9.988 214		712	
		32		34			2		
289	9.361 469		9.373 257		0.626 743	9.988 212		711	
		32		33			1		
.290	9.361 501		9.373 290		0.626 710	9.988 211		**.710**	
		32		34			2		
291	9.361 533		9.373 324		0.626 676	9.988 209		709	
		32		34			2		
292	9.361 565		9.373 358		0.626 642	9.988 207		708	
		32		34			2		
293	9.361 597		9.373 392		0.626 608	9.988 205		707	
		32		34			2		
294	9.361 629		9.373 426		0.626 574	9.988 203		706	
		32		34			1		
295	9.361 661		9.373 460		0.626 540	9.988 202		705	
		32		34			2		
296	9.361 693		9.373 494		0.626 506	9.988 200		704	
		33		33			2		
297	9.361 726		9.373 527		0.626 473	9.988 198		703	
		32		34			2		
298	9.361 758		9.373 561		0.626 439	9.988 196		702	
		32		34			2		
299	9.361 790		9.373 595		0.626 405	9.988 194		701	
		32		34			1		
.300	9.361 822		9.373 629		0.626 371	9.988 193		**.700**	
	cos	d	cotg	d	tang	sin	d	**76°**	P.P.

	34
1	3.4
2	6.8
3	10.2
4	13.6
5	17.0
6	20.4
7	23.8
8	27.2
9	30.6

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4	13.2
5	16.5
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7	23.1
8	26.4
9	29.7

	32
1	3.2
2	6.4
3	9.6
4	12.8
5	16.0
6	19.2
7	22.4
8	25.6
9	28.8

76°.750 — 76°.700

13°.300 — 13°.350

13°	sin	d	tang	d	cotg	cos	d		P.P.
.300	9.361 822		9.373 629		0.626 371	9.988 193		.700	
		32		34			2		
301	9.361 854		9.373 663		0.626 337	9.988 191		699	
		32		34			2		
302	9.361 886		9.373 697		0.626 303	9.988 189		698	
		32		34			2		
303	9.361 918		9.373 731		0.626 269	9.988 187		697	
		32		33			1		
304	9.361 950		9.373 764		0.626 236	9.988 186		696	
		32		34			2		
305	9.361 982		9.373 798		0.626 202	9.988 184		695	
		32		34			2		
306	9.362 014		9.373 832		0.626 168	9.988 182		694	
		32		34			2		
307	9.362 046		9.373 866		0.626 134	9.988 180		693	
		32		34			2		
308	9.362 078		9.373 900		0.626 100	9.988 178		692	
		32		34			1		
309	9.362 110		9.373 934		0.626 066	9.988 177		691	
		32		34			2		
.310	9.362 142		9.373 968		0.626 032	9.988 175		.690	
		32		33			2		
311	9.362 174		9.374 001		0.625 999	9.988 173		689	
		32		34			2		
312	9.362 206		9.374 035		0.625 965	9.988 171		688	
		32		34			2		
313	9.362 238		9.374 069		0.625 931	9.988 169		687	
		32		34			1		
314	9.362 270		9.374 103		0.625 897	9.988 168		686	
		32		34			2		
315	9.362 302		9.374 137		0.625 863	9.988 166		685	
		32		33			2		
316	9.362 334		9.374 170		0.625 830	9.988 164		684	
		32		34			2		
317	9.362 366		9.374 204		0.625 796	9.988 162		683	
		33		34			2		
318	9.362 399		9.374 238		0.625 762	9.988 160		682	
		32		34			1		
319	9.362 431		9.374 272		0.625 728	9.988 159		681	
		32		34			2		
.320	9.362 463		9.374 306		0.625 694	9.988 157		.680	
		32		34			2		
321	9.362 495		9.374 340		0.625 660	9.988 155		679	
		32		33			2		
322	9.362 527		9.374 373		0.625 627	9.988 153		678	
		32		34			2		
323	9.362 559		9.374 407		0.625 593	9.988 151		677	
		32		34			1		
324	9.362 591		9.374 441		0.625 559	9.988 150		676	
		32		34			2		
325	9.362 623		9.374 475		0.625 525	9.988 148		675	
		32		34			2		
326	9.362 655		9.374 509		0.625 491	9.988 146		674	
		32		33			2		
327	9.362 687		9.374 542		0.625 458	9.988 144		673	
		32		34			2		
328	9.362 719		9.374 576		0.625 424	9.988 142		672	
		32		34			1		
329	9.362 751		9.374 610		0.625 390	9.988 141		671	
		32		34			2		
.330	9.362 783		9.374 644		0.625 356	9.988 139		.670	
		32		34			2		
331	9.362 815		9.374 678		0.625 322	9.988 137		669	
		32		33			2		
332	9.362 847		9.374 711		0.625 289	9.988 135		668	
		32		34			2		
333	9.362 879		9.374 745		0.625 255	9.988 133		667	
		32		34			1		
334	9.362 911		9.374 779		0.625 221	9.988 132		666	
		31		34			2		
335	9.362 942		9.374 813		0.625 187	9.988 130		665	
		32		33			2		
336	9.362 974		9.374 846		0.625 154	9.988 128		664	
		32		34			2		
337	9.363 006		9.374 880		0.625 120	9.988 126		663	
		32		34			2		
338	9.363 038		9.374 914		0.625 086	9.988 124		662	
		32		34			1		
339	9.363 070		9.374 948		0.625 052	9.988 123		661	
		32		33			2		
.340	9.363 102		9.374 981		0.625 019	9.988 121		.660	
		32		34			2		
341	9.363 134		9.375 015		0.624 985	9.988 119		659	
		32		34			2		
342	9.363 166		9.375 049		0.624 951	9.988 117		658	
		32		34			2		
343	9.363 198		9.375 083		0.624 917	9.988 115		657	
		32		33			1		
344	9.363 230		9.375 116		0.624 884	9.988 114		656	
		32		34			2		
345	9.363 262		9.375 150		0.624 850	9.988 112		655	
		32		34			2		
346	9.363 294		9.375 184		0.624 816	9.988 110		654	
		32		34			2		
347	9.363 326		9.375 218		0.624 782	9.988 108		653	
		32		33			1		
348	9.363 358		9.375 251		0.624 749	9.988 107		652	
		32		34			2		
349	9.363 390		9.375 285		0.624 715	9.988 105		651	
		32		34			2		
.350	9.363 422		9.375 319		0.624 681	9.988 103		.650	
	cos	d	cotg	d	tang	sin	d	76°	P.P.

	34
1	3.4
2	6.8
3	10.2
4	13.6
5	17.0
6	20.4
7	23.8
8	27.2
9	30.6

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1	3.3
2	6.6
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4	13.2
5	16.5
6	19.8
7	23.1
8	26.4
9	29.7

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1	3.2
2	6.4
3	9.6
4	12.8
5	16.0
6	19.2
7	22.4
8	25.6
9	28.8

	31
1	3.1
2	6.2
3	9.3
4	12.4
5	15.5
6	18.6
7	21.7
8	24.8
9	27.9

76°.700 — 76°.650

13°.350 — 13°.400

13°	sin	d	tang	d	cotg	cos	d		P.P.
.350	9.363 422		9.375 319		0.624 681	9.988 103		.650	
		32		34			2		
351	9.363 454		9.375 353		0.624 647	9.988 101		649	
		32		33			2		
352	9.363 486		9.375 386		0.624 614	9.988 099		648	
		32		34			1		
353	9.363 518		9.375 420		0.624 580	9.988 098		647	
		32		34			2		
354	9.363 550		9.375 454		0.624 546	9.988 096		646	
		32		34			2		
355	9.363 582		9.375 488		0.624 512	9.988 094		645	
		31		33			2		
356	9.363 613		9.375 521		0.624 479	9.988 092		644	
		32		34			2		
357	9.363 645		9.375 555		0.624 445	9.988 090		643	
		32		34			1		
358	9.363 677		9.375 589		0.624 411	9.988 089		642	
		32		34			2		
359	9.363 709		9.375 623		0.624 377	9.988 087		641	
		32		33			2		
.360	9.363 741		9.375 656		0.624 344	9.988 085		.640	
		32		34			2		
361	9.363 773		9.375 690		0.624 310	9.988 083		639	
		32		34			2		
362	9.363 805		9.375 724		0.624 276	9.988 081		638	
		32		33			1		
363	9.363 837		9.375 757		0.624 243	9.988 080		637	
		32		34			2		
364	9.363 869		9.375 791		0.624 209	9.988 078		636	
		32		34			2		
365	9.363 901		9.375 825		0.624 175	9.988 076		635	
		32		34			2		
366	9.363 933		9.375 859		0.624 141	9.988 074		634	
		32		33			2		
367	9.363 965		9.375 892		0.624 108	9.988 072		633	
		31		34			1		
368	9.363 996		9.375 926		0.624 074	9.988 071		632	
		32		34			2		
369	9.364 028		9.375 960		0.624 040	9.988 069		631	
		32		33			2		
.370	9.364 060		9.375 993		0.624 007	9.988 067		.630	
		32		34			2		
371	9.364 092		9.376 027		0.623 973	9.988 065		629	
		32		34			2		
372	9.364 124		9.376 061		0.623 939	9.988 063		628	
		32		33			2		
373	9.364 156		9.376 094		0.623 906	9.988 061		627	
		32		34			1		
374	9.364 188		9.376 128		0.623 872	9.988 060		626	
		32		34			2		
375	9.364 220		9.376 162		0.623 838	9.988 058		625	
		31		33			2		
376	9.364 251		9.376 195		0.623 805	9.988 056		624	
		32		34			2		
377	9.364 283		9.376 229		0.623 771	9.988 054		623	
		32		34			2		
378	9.364 315		9.376 263		0.623 737	9.988 052		622	
		32		33			1		
379	9.364 347		9.376 296		0.623 704	9.988 051		621	
		32		34			2		
.380	9.364 379		9.376 330		0.623 670	9.988 049		.620	
		32		34			2		
381	9.364 411		9.376 364		0.623 636	9.988 047		619	
		32		33			2		
382	9.364 443		9.376 397		0.623 603	9.988 045		618	
		32		34			2		
383	9.364 475		9.376 431		0.623 569	9.988 043		617	
		31		34			1		
384	9.364 506		9.376 465		0.623 535	9.988 042		616	
		32		33			2		
385	9.364 538		9.376 498		0.623 502	9.988 040		615	
		32		34			2		
386	9.364 570		9.376 532		0.623 468	9.988 038		614	
		32		34			2		
387	9.364 602		9.376 566		0.623 434	9.988 036		613	
		32		33			2		
388	9.364 634		9.376 599		0.623 401	9.988 034		612	
		32		34			1		
389	9.364 666		9.376 633		0.623 367	9.988 033		611	
		32		34			2		
.390	9.364 698		9.376 667		0.623 333	9.988 031		.610	
		31		33			2		
391	9.364 729		9.376 700		0.623 300	9.988 029		609	
		32		34			2		
392	9.364 761		9.376 734		0.623 266	9.988 027		608	
		32		34			2		
393	9.364 793		9.376 768		0.623 232	9.988 025		607	
		32		33			1		
394	9.364 825		9.376 801		0.623 199	9.988 024		606	
		32		34			2		
395	9.364 857		9.376 835		0.623 165	9.988 022		605	
		32		34			2		
396	9.364 889		9.376 869		0.623 131	9.988 020		604	
		31		33			2		
397	9.364 920		9.376 902		0.623 098	9.988 018		603	
		32		34			2		
398	9.364 952		9.376 936		0.623 064	9.988 016		602	
		32		33			1		
399	9.364 984		9.376 969		0.623 031	9.988 015		601	
		32		34			2		
.400	9.365 016		9.377 003		0.622 997	9.988 013		.600	
	cos	d	cotg	d	tang	sin	d	76°	P.P.

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1	3.4
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5	16.5
6	19.8
7	23.1
8	26.4
9	29.7

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1	3.2
2	6.4
3	9.6
4	12.8
5	16.0
6	19.2
7	22.4
8	25.6
9	28.8

	31
1	3.1
2	6.2
3	9.3
4	12.4
5	15.5
6	18.6
7	21.7
8	24.8
9	27.9

76°.650 — 76°.600

13°.400 — 13°.450

13°	sin	d	tang	d	cotg	cos	d		P.P.
.400	9.365 016	32	9.377 003	34	0.622 997	9.988 013	2	.600	
401	9.365 048	31	9.377 037	33	0.622 963	9.988 011	2	599	
402	9.365 079	32	9.377 070	34	0.622 930	9.988 009	2	598	
403	9.365 111	32	9.377 104	33	0.622 896	9.988 007	1	597	
404	9.365 143	32	9.377 137	34	0.622 863	9.988 006	2	596	
405	9.365 175	32	9.377 171	34	0.622 829	9.988 004	2	595	
406	9.365 207	31	9.377 205	33	0.622 795	9.988 002	2	594	
407	9.365 238	32	9.377 238	34	0.622 762	9.988 000	2	593	
408	9.365 270	32	9.377 272	34	0.622 728	9.987 998	1	592	
409	9.365 302	32	9.377 306	33	0.622 694	9.987 997	2	591	
.410	9.365 334	32	9.377 339	34	0.622 661	9.987 995	2	.590	
411	9.365 366	31	9.377 373	33	0.622 627	9.987 993	2	589	
412	9.365 397	32	9.377 406	34	0.622 594	9.987 991	2	588	
413	9.365 429	32	9.377 440	34	0.622 560	9.987 989	2	587	
414	9.365 461	32	9.377 474	33	0.622 526	9.987 987	1	586	
415	9.365 493	32	9.377 507	34	0.622 493	9.987 986	2	585	
416	9.365 525	31	9.377 541	33	0.622 459	9.987 984	2	584	
417	9.365 556	32	9.377 574	34	0.622 426	9.987 982	2	583	
418	9.365 588	32	9.377 608	33	0.622 392	9.987 980	2	582	
419	9.365 620	32	9.377 641	34	0.622 359	9.987 978	1	581	
.420	9.365 652	31	9.377 675	34	0.622 325	9.987 977	2	.580	
421	9.365 683	32	9.377 709	33	0.622 291	9.987 975	2	579	
422	9.365 715	32	9.377 742	34	0.622 258	9.987 973	2	578	
423	9.365 747	32	9.377 776	33	0.622 224	9.987 971	2	577	
424	9.365 779	31	9.377 809	34	0.622 191	9.987 969	1	576	
425	9.365 810	32	9.377 843	33	0.622 157	9.987 968	2	575	
426	9.365 842	32	9.377 876	34	0.622 124	9.987 966	2	574	
427	9.365 874	32	9.377 910	34	0.622 090	9.987 964	2	573	
428	9.365 906	31	9.377 944	33	0.622 056	9.987 962	2	572	
429	9.365 937	32	9.377 977	34	0.622 023	9.987 960	1	571	
.430	9.365 969	32	9.378 011	33	0.621 989	9.987 959	2	.570	
431	9.366 001	32	9.378 044	34	0.621 956	9.987 957	2	569	
432	9.366 033	31	9.378 078	33	0.621 922	9.987 955	2	568	
433	9.366 064	32	9.378 111	34	0.621 889	9.987 953	2	567	
434	9.366 096	32	9.378 145	33	0.621 855	9.987 951	1	566	
435	9.366 128	32	9.378 178	34	0.621 822	9.987 950	2	565	
436	9.366 160	31	9.378 212	33	0.621 788	9.987 948	2	564	
437	9.366 191	32	9.378 245	34	0.621 755	9.987 946	2	563	
438	9.366 223	32	9.378 279	34	0.621 721	9.987 944	2	562	
439	9.366 255	32	9.378 313	33	0.621 687	9.987 942	2	561	
.440	9.366 287	31	9.378 346	34	0.621 654	9.987 940	1	.560	
441	9.366 318	32	9.378 380	33	0.621 620	9.987 939	2	559	
442	9.366 350	32	9.378 413	34	0.621 587	9.987 937	2	558	
443	9.366 382	31	9.378 447	33	0.621 553	9.987 935	2	557	
444	9.366 413	32	9.378 480	34	0.621 520	9.987 933	2	556	
445	9.366 445	32	9.378 514	33	0.621 486	9.987 931	1	555	
446	9.366 477	31	9.378 547	34	0.621 453	9.987 930	2	554	
447	9.366 508	32	9.378 581	33	0.621 419	9.987 928	2	553	
448	9.366 540	32	9.378 614	34	0.621 386	9.987 926	2	552	
449	9.366 572	32	9.378 648	33	0.621 352	9.987 924	2	551	
.450	9.366 604		9.378 681		0.621 319	9.987 922		.550	
	cos	d	cotg	d	tang	sin	d	76°	P.P.

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9	29.7

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76°.600 — 76°.550

13°.450 — 13°.500

13°	sin	d	tang	d	cotg	cos	d		P.P.
.450	9.366 604		9.378 681		0.621 319	9.987 922		.550	
		31		34			1		
451	9.366 635		9.378 715		0.621 285	9.987 921		549	
		32		33			2		
452	9.366 667		9.378 748		0.621 252	9.987 919		548	
		32		34			2		
453	9.366 699		9.378 782		0.621 218	9.987 917		547	
		31		33			2		
454	9.366 730		9.378 815		0.621 185	9.987 915		546	
		32		34			2		
455	9.366 762		9.378 849		0.621 151	9.987 913		545	
		32		33			2		
456	9.366 794		9.378 882		0.621 118	9.987 911		544	
		31		34			1		
457	9.366 825		9.378 916		0.621 084	9.987 910		543	
		32		33			2		
458	9.366 857		9.378 949		0.621 051	9.987 908		542	
		32		34			2		
459	9.366 889		9.378 983		0.621 017	9.987 906		541	
		31		33			2		
.460	9.366 920		9.379 016		0.620 984	9.987 904		.540	
		32		34			2		
461	9.366 952		9.379 050		0.620 950	9.987 902		539	
		32		33			1		
462	9.366 984		9.379 083		0.620 917	9.987 901		538	
		31		34			2		
463	9.367 015		9.379 117		0.620 883	9.987 899		537	
		32		33			2		
464	9.367 047		9.379 150		0.620 850	9.987 897		536	
		32		34			2		
465	9.367 079		9.379 184		0.620 816	9.987 895		535	
		31		33			2		
466	9.367 110		9.379 217		0.620 783	9.987 893		534	
		32		34			2		
467	9.367 142		9.379 251		0.620 749	9.987 891		533	
		32		33			1		
468	9.367 174		9.379 284		0.620 716	9.987 890		532	
		31		33			2		
469	9.367 205		9.379 317		0.620 683	9.987 888		531	
		32		34			2		
.470	9.367 237		9.379 351		0.620 649	9.987 886		.530	
		32		33			2		
471	9.367 269		9.379 384		0.620 616	9.987 884		529	
		31		34			2		
472	9.367 300		9.379 418		0.620 582	9.987 882		528	
		32		33			1		
473	9.367 332		9.379 451		0.620 549	9.987 881		527	
		32		34			2		
474	9.367 364		9.379 485		0.620 515	9.987 879		526	
		31		33			2		
475	9.367 395		9.379 518		0.620 482	9.987 877		525	
		32		34			2		
476	9.367 427		9.379 552		0.620 448	9.987 875		524	
		31		33			2		
477	9.367 458		9.379 585		0.620 415	9.987 873		523	
		32		34			1		
478	9.367 490		9.379 619		0.620 381	9.987 872		522	
		32		33			2		
479	9.367 522		9.379 652		0.620 348	9.987 870		521	
		31		33			2		
.480	9.367 553		9.379 685		0.620 315	9.987 868		.520	
		32		34			2		
481	9.367 585		9.379 719		0.620 281	9.987 866		519	
		32		33			2		
482	9.367 617		9.379 752		0.620 248	9.987 864		518	
		31		34			2		
483	9.367 648		9.379 786		0.620 214	9.987 862		517	
		32		33			1		
484	9.367 680		9.379 819		0.620 181	9.987 861		516	
		31		34			2		
485	9.367 711		9.379 853		0.620 147	9.987 859		515	
		32		33			2		
486	9.367 743		9.379 886		0.620 114	9.987 857		514	
		32		33			2		
487	9.367 775		9.379 919		0.620 081	9.987 855		513	
		31		34			2		
488	9.367 806		9.379 953		0.620 047	9.987 853		512	
		32		33			1		
489	9.367 838		9.379 986		0.620 014	9.987 852		511	
		31		34			2		
.490	9.367 869		9.380 020		0.619 980	9.987 850		.510	
		32		33			2		
491	9.367 901		9.380 053		0.619 947	9.987 848		509	
		32		34			2		
492	9.367 933		9.380 087		0.619 913	9.987 846		508	
		31		33			2		
493	9.367 964		9.380 120		0.619 880	9.987 844		507	
		32		33			2		
494	9.367 996		9.380 153		0.619 847	9.987 842		506	
		31		34			1		
495	9.368 027		9.380 187		0.619 813	9.987 841		505	
		32		33			2		
496	9.368 059		9.380 220		0.619 780	9.987 839		504	
		32		34			2		
497	9.368 091		9.380 254		0.619 746	9.987 837		503	
		31		33			2		
498	9.368 122		9.380 287		0.619 713	9.987 835		502	
		32		33			2		
499	9.368 154		9.380 320		0.619 680	9.987 833		501	
		31		34			1		
.500	9.368 185		9.380 354		0.619 646	9.987 832		.500	
	cos	d	cotg	d	tang	sin	d	76°	P.P.

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76°.550 — 76°.500

13°.500 — 13°.550

13°	sin	d	tang	d	cotg	cos	d		P.P.
.500	9.368 185		9.380 354		0.619 646	9.987 832		.500	
		32		33			2		
501	9.368 217		9.380 387		0.619 613	9.987 830		499	
		31		34			2		
502	9.368 248		9.380 421		0.619 579	9.987 828		498	
		32		33			2		
503	9.368 280		9.380 454		0.619 546	9.987 826		497	
		32		33			2		
504	9.368 312		9.380 487		0.619 513	9.987 824		496	
		31		34			2		
505	9.368 343		9.380 521		0.619 479	9.987 822		495	
		32		33			1		
506	9.368 375		9.380 554		0.619 446	9.987 821		494	
		31		33			2		
507	9.368 406		9.380 587		0.619 413	9.987 819		493	
		32		34			2		
508	9.368 438		9.380 621		0.619 379	9.987 817		492	
		31		33			2		
509	9.368 469		9.380 654		0.619 346	9.987 815		491	
		32		34			2		
.510	9.368 501		9.380 688		0.619 312	9.987 813		.490	
		31		33			2		
511	9.368 532		9.380 721		0.619 279	9.987 811		489	
		32		33			1		
512	9.368 564		9.380 754		0.619 246	9.987 810		488	
		31		34			2		
513	9.368 595		9.380 788		0.619 212	9.987 808		487	
		32		33			2		
514	9.368 627		9.380 821		0.619 179	9.987 806		486	
		32		33			2		
515	9.368 659		9.380 854		0.619 146	9.987 804		485	
		31		34			2		
516	9.368 690		9.380 888		0.619 112	9.987 802		484	
		32		33			1		
517	9.368 722		9.380 921		0.619 079	9.987 801		483	
		31		33			2		
518	9.368 753		9.380 954		0.619 046	9.987 799		482	
		32		34			2		
519	9.368 785		9.380 988		0.619 012	9.987 797		481	
		31		33			2		
.520	9.368 816		9.381 021		0.618 979	9.987 795		.480	
		32		33			2		
521	9.368 848		9.381 054		0.618 946	9.987 793		479	
		31		34			2		
522	9.368 879		9.381 088		0.618 912	9.987 791		478	
		32		33			1		
523	9.368 911		9.381 121		0.618 879	9.987 790		477	
		31		33			2		
524	9.368 942		9.381 154		0.618 846	9.987 788		476	
		32		34			2		
525	9.368 974		9.381 188		0.618 812	9.987 786		475	
		31		33			2		
526	9.369 005		9.381 221		0.618 779	9.987 784		474	
		32		33			2		
527	9.369 037		9.381 254		0.618 746	9.987 782		473	
		31		34			1		
528	9.369 068		9.381 288		0.618 712	9.987 781		472	
		32		33			2		
529	9.369 100		9.381 321		0.618 679	9.987 779		471	
		31		33			2		
.530	9.369 131		9.381 354		0.618 646	9.987 777		.470	
		32		34			2		
531	9.369 163		9.381 388		0.618 612	9.987 775		469	
		31		33			2		
532	9.369 194		9.381 421		0.618 579	9.987 773		468	
		32		33			2		
533	9.369 226		9.381 454		0.618 546	9.987 771		467	
		31		34			1		
534	9.369 257		9.381 488		0.618 512	9.987 770		466	
		32		33			2		
535	9.369 289		9.381 521		0.618 479	9.987 768		465	
		31		33			2		
536	9.369 320		9.381 554		0.618 446	9.987 766		464	
		32		34			2		
537	9.369 352		9.381 588		0.618 412	9.987 764		463	
		31		33			2		
538	9.369 383		9.381 621		0.618 379	9.987 762		462	
		32		33			2		
539	9.369 415		9.381 654		0.618 346	9.987 760		461	
		31		34			1		
.540	9.369 446		9.381 688		0.618 312	9.987 759		.460	
		32		33			2		
541	9.369 478		9.381 721		0.618 279	9.987 757		459	
		31		33			2		
542	9.369 509		9.381 754		0.618 246	9.987 755		458	
		32		33			2		
543	9.369 541		9.381 787		0.618 213	9.987 753		457	
		31		34			2		
544	9.369 572		9.381 821		0.618 179	9.987 751		456	
		32		33			2		
545	9.369 604		9.381 854		0.618 146	9.987 749		455	
		31		33			1		
546	9.369 635		9.381 887		0.618 113	9.987 748		454	
		31		34			2		
547	9.369 666		9.381 921		0.618 079	9.987 746		453	
		32		33			2		
548	9.369 698		9.381 954		0.618 046	9.987 744		452	
		31		33			2		
549	9.369 729		9.381 987		0.618 013	9.987 742		451	
		32		33			2		
.550	9.369 761		9.382 020		0.617 980	9.987 740		.450	
	cos	d	cotg	d	tang	sin	d	76°	P.P.

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76°.500 — 76°.450

13°.550 — 13°.600

13°	sin	d	tang	d	cotg	cos	d		P.P.
.550	9.369 761	31	9.382 020	34	0.617 980	9.987 740	1	.450	
551	9.369 792	32	9.382 054	33	0.617 946	9.987 739	2	449	
552	9.369 824	31	9.382 087	33	0.617 913	9.987 737	2	448	
553	9.369 855	32	9.382 120	34	0.617 880	9.987 735	2	447	
554	9.369 887	31	9.382 154	33	0.617 846	9.987 733	2	446	
555	9.369 918	32	9.382 187	33	0.617 813	9.987 731	2	445	
556	9.369 950	31	9.382 220	33	0.617 780	9.987 729	1	444	
557	9.369 981	31	9.382 253	34	0.617 747	9.987 728	2	443	
558	9.370 012	32	9.382 287	33	0.617 713	9.987 726	2	442	
559	9.370 044	31	9.382 320	33	0.617 680	9.987 724	2	441	
.560	9.370 075	32	9.382 353	33	0.617 647	9.987 722	2	.440	
561	9.370 107	31	9.382 386	34	0.617 614	9.987 720	2	439	
562	9.370 138	32	9.382 420	33	0.617 580	9.987 718	1	438	
563	9.370 170	31	9.382 453	33	0.617 547	9.987 717	2	437	
564	9.370 201	31	9.382 486	33	0.617 514	9.987 715	2	436	
565	9.370 232	32	9.382 519	34	0.617 481	9.987 713	2	435	
566	9.370 264	31	9.382 553	33	0.617 447	9.987 711	2	434	
567	9.370 295	32	9.382 586	33	0.617 414	9.987 709	2	433	
568	9.370 327	31	9.382 619	33	0.617 381	9.987 707	1	432	
569	9.370 358	31	9.382 652	34	0.617 348	9.987 706	2	431	
.570	9.370 389	32	9.382 686	33	0.617 314	9.987 704	2	.430	
571	9.370 421	31	9.382 719	33	0.617 281	9.987 702	2	429	
572	9.370 452	32	9.382 752	33	0.617 248	9.987 700	2	428	
573	9.370 484	31	9.382 785	34	0.617 215	9.987 698	2	427	
574	9.370 515	31	9.382 819	33	0.617 181	9.987 696	1	426	
575	9.370 546	32	9.382 852	33	0.617 148	9.987 695	2	425	
576	9.370 578	31	9.382 885	33	0.617 115	9.987 693	2	424	
577	9.370 609	32	9.382 918	33	0.617 082	9.987 691	2	423	
578	9.370 641	31	9.382 951	34	0.617 049	9.987 689	2	422	
579	9.370 672	31	9.382 985	33	0.617 015	9.987 687	2	421	
.580	9.370 703	32	9.383 018	33	0.616 982	9.987 685	1	.420	
581	9.370 735	31	9.383 051	33	0.616 949	9.987 684	2	419	
582	9.370 766	31	9.383 084	33	0.616 916	9.987 682	2	418	
583	9.370 797	32	9.383 117	34	0.616 883	9.987 680	2	417	
584	9.370 829	31	9.383 151	33	0.616 849	9.987 678	2	416	
585	9.370 860	32	9.383 184	33	0.616 816	9.987 676	2	415	
586	9.370 892	31	9.383 217	33	0.616 783	9.987 674	1	414	
587	9.370 923	31	9.383 250	33	0.616 750	9.987 673	2	413	
588	9.370 954	32	9.383 283	34	0.616 717	9.987 671	2	412	
589	9.370 986	31	9.383 317	33	0.616 683	9.987 669	2	411	
.590	9.371 017	31	9.383 350	33	0.616 650	9.987 667	2	.410	
591	9.371 048	32	9.383 383	33	0.616 617	9.987 665	1	409	
592	9.371 080	31	9.383 416	33	0.616 584	9.987 664	2	408	
593	9.371 111	31	9.383 449	34	0.616 551	9.987 662	2	407	
594	9.371 142	32	9.383 483	33	0.616 517	9.987 660	2	406	
595	9.371 174	31	9.383 516	33	0.616 484	9.987 658	2	405	
596	9.371 205	31	9.383 549	33	0.616 451	9.987 656	2	404	
597	9.371 236	32	9.383 582	33	0.616 418	9.987 654	1	403	
598	9.371 268	31	9.383 615	33	0.616 385	9.987 653	2	402	
599	9.371 299	31	9.383 648	34	0.616 352	9.987 651	2	401	
.600	9.371 330		9.383 682		0.616 318	9.987 649		.400	
	cos	d	cotg	d	tang	sin	d	76°	P.P.

	34
1	3.4
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4	13.6
5	17.0
6	20.4
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6	19.2
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7	21.7
8	24.8
9	27.9

76°.450 — 76°.400

13°.600 — 13°.650

13°	sin	d	tang	d	cotg	cos	d		P.P.
.600	9.371 330	32	9.383 682	33	0.616 318	9.987 649	2	.400	
601	9.371 362	31	9.383 715	33	0.616 285	9.987 647	2	399	
602	9.371 393	31	9.383 748	33	0.616 252	9.987 645	2	398	
603	9.371 424	32	9.383 781	33	0.616 219	9.987 643	1	397	
604	9.371 456	31	9.383 814	33	0.616 186	9.987 642	2	396	
605	9.371 487	31	9.383 847	34	0.616 153	9.987 640	2	395	
606	9.371 518	32	9.383 881	33	0.616 119	9.987 638	2	394	
607	9.371 550	31	9.383 914	33	0.616 086	9.987 636	2	393	
608	9.371 581	31	9.383 947	33	0.616 053	9.987 634	2	392	
609	9.371 612	32	9.383 980	33	0.616 020	9.987 632	2	391	
.610	9.371 644	31	9.384 013	33	0.615 987	9.987 630	1	.390	
611	9.371 675	31	9.384 046	33	0.615 954	9.987 629	2	389	
612	9.371 706	32	9.384 079	34	0.615 921	9.987 627	2	388	
613	9.371 738	31	9.384 113	33	0.615 887	9.987 625	2	387	
614	9.371 769	31	9.384 146	33	0.615 854	9.987 623	2	386	
615	9.371 800	31	9.384 179	33	0.615 821	9.987 621	2	385	
616	9.371 831	32	9.384 212	33	0.615 788	9.987 619	1	384	
617	9.371 863	31	9.384 245	33	0.615 755	9.987 618	2	383	
618	9.371 894	31	9.384 278	33	0.615 722	9.987 616	2	382	
619	9.371 925	32	9.384 311	33	0.615 689	9.987 614	2	381	
.620	9.371 957	31	9.384 344	34	0.615 656	9.987 612	2	.380	
621	9.371 988	31	9.384 378	33	0.615 622	9.987 610	2	379	
622	9.372 019	31	9.384 411	33	0.615 589	9.987 608	1	378	
623	9.372 050	32	9.384 444	33	0.615 556	9.987 607	2	377	
624	9.372 082	31	9.384 477	33	0.615 523	9.987 605	2	376	
625	9.372 113	31	9.384 510	33	0.615 490	9.987 603	2	375	
626	9.372 144	31	9.384 543	33	0.615 457	9.987 601	2	374	
627	9.372 175	32	9.384 576	33	0.615 424	9.987 599	2	373	
628	9.372 207	31	9.384 609	33	0.615 391	9.987 597	1	372	
629	9.372 238	31	9.384 642	34	0.615 358	9.987 596	2	371	
.630	9.372 269	32	9.384 676	33	0.615 324	9.987 594	2	.370	
631	9.372 301	31	9.384 709	33	0.615 291	9.987 592	2	369	
632	9.372 332	31	9.384 742	33	0.615 258	9.987 590	2	368	
633	9.372 363	31	9.384 775	33	0.615 225	9.987 588	2	367	
634	9.372 394	32	9.384 808	33	0.615 192	9.987 586	1	366	
635	9.372 426	31	9.384 841	33	0.615 159	9.987 585	2	365	
636	9.372 457	31	9.384 874	33	0.615 126	9.987 583	2	364	
637	9.372 488	31	9.384 907	33	0.615 093	9.987 581	2	363	
638	9.372 519	32	9.384 940	33	0.615 060	9.987 579	2	362	
639	9.372 551	31	9.384 973	33	0.615 027	9.987 577	2	361	
.640	9.372 582	31	9.385 006	33	0.614 994	9.987 575	1	.360	
641	9.372 613	31	9.385 039	34	0.614 961	9.987 574	2	359	
642	9.372 644	31	9.385 073	33	0.614 927	9.987 572	2	358	
643	9.372 675	32	9.385 106	33	0.614 894	9.987 570	2	357	
644	9.372 707	31	9.385 139	33	0.614 861	9.987 568	2	356	
645	9.372 738	31	9.385 172	33	0.614 828	9.987 566	2	355	
646	9.372 769	31	9.385 205	33	0.614 795	9.987 564	2	354	
647	9.372 800	32	9.385 238	33	0.614 762	9.987 562	1	353	
648	9.372 832	31	9.385 271	33	0.614 729	9.987 561	2	352	
649	9.372 863	31	9.385 304	33	0.614 696	9.987 559	2	351	
.650	9.372 894		9.385 337		0.614 663	9.987 557		.350	
	cos	d	cotg	d	tang	sin	d	76°	P.P.

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76°.400 — 76°.350

13°.650 — 13°.700

13°	sin	d	tang	d	cotg	cos	d		P.P.
.650	9.372 894	31	9.385 337	33	0.614 663	9.987 557	2	**.350**	
651	9.372 925	31	9.385 370	33	0.614 630	9.987 555	2	349	
652	9.372 956	32	9.385 403	33	0.614 597	9.987 553	2	348	
653	9.372 988	31	9.385 436	33	0.614 564	9.987 551	1	347	
654	9.373 019	31	9.385 469	33	0.614 531	9.987 550	2	346	
655	9.373 050	31	9.385 502	33	0.614 498	9.987 548	2	345	
656	9.373 081	31	9.385 535	33	0.614 465	9.987 546	2	344	
657	9.373 112	32	9.385 568	33	0.614 432	9.987 544	2	343	
658	9.373 144	31	9.385 601	33	0.614 399	9.987 542	2	342	
659	9.373 175	31	9.385 634	33	0.614 366	9.987 540	1	341	
.660	9.373 206	31	9.385 667	33	0.614 333	9.987 539	2	**.340**	
661	9.373 237	31	9.385 700	34	0.614 300	9.987 537	2	339	
662	9.373 268	32	9.385 734	33	0.614 266	9.987 535	2	338	
663	9.373 300	31	9.385 767	33	0.614 233	9.987 533	2	337	
664	9.373 331	31	9.385 800	33	0.614 200	9.987 531	2	336	
665	9.373 362	31	9.385 833	33	0.614 167	9.987 529	1	335	
666	9.373 393	31	9.385 866	33	0.614 134	9.987 528	2	334	
667	9.373 424	31	9.385 899	33	0.614 101	9.987 526	2	333	
668	9.373 455	32	9.385 932	33	0.614 068	9.987 524	2	332	
669	9.373 487	31	9.385 965	33	0.614 035	9.987 522	2	331	
.670	9.373 518	31	9.385 998	33	0.614 002	9.987 520	2	**.330**	
671	9.373 549	31	9.386 031	33	0.613 969	9.987 518	2	329	
672	9.373 580	31	9.386 064	33	0.613 936	9.987 516	1	328	
673	9.373 611	31	9.386 097	33	0.613 903	9.987 515	2	327	
674	9.373 642	32	9.386 130	33	0.613 870	9.987 513	2	326	
675	9.373 674	31	9.386 163	33	0.613 837	9.987 511	2	325	
676	9.373 705	31	9.386 196	33	0.613 804	9.987 509	2	324	
677	9.373 736	31	9.386 229	33	0.613 771	9.987 507	2	323	
678	9.373 767	31	9.386 262	33	0.613 738	9.987 505	1	322	
679	9.373 798	31	9.386 295	33	0.613 705	9.987 504	2	321	
.680	9.373 829	31	9.386 328	33	0.613 672	9.987 502	2	**.320**	
681	9.373 860	32	9.386 361	33	0.613 639	9.987 500	2	319	
682	9.373 892	31	9.386 394	33	0.613 606	9.987 498	2	318	
683	9.373 923	31	9.386 427	33	0.613 573	9.987 496	2	317	
684	9.373 954	31	9.386 460	33	0.613 540	9.987 494	2	316	
685	9.373 985	31	9.386 493	32	0.613 507	9.987 492	1	315	
686	9.374 016	31	9.386 525	33	0.613 475	9.987 491	2	314	
687	9.374 047	31	9.386 558	33	0.613 442	9.987 489	2	313	
688	9.374 078	31	9.386 591	33	0.613 409	9.987 487	2	312	
689	9.374 109	32	9.386 624	33	0.613 376	9.987 485	2	311	
.690	9.374 141	31	9.386 657	33	0.613 343	9.987 483	2	**.310**	
691	9.374 172	31	9.386 690	33	0.613 310	9.987 481	1	309	
692	9.374 203	31	9.386 723	33	0.613 277	9.987 480	2	308	
693	9.374 234	31	9.386 756	33	0.613 244	9.987 478	2	307	
694	9.374 265	31	9.386 789	33	0.613 211	9.987 476	2	306	
695	9.374 296	31	9.386 822	33	0.613 178	9.987 474	2	305	
696	9.374 327	31	9.386 855	33	0.613 145	9.987 472	2	304	
697	9.374 358	31	9.386 888	33	0.613 112	9.987 470	2	303	
698	9.374 389	32	9.386 921	33	0.613 079	9.987 468	1	302	
699	9.374 421	31	9.386 954	33	0.613 046	9.987 467	2	301	
.700	9.374 452		9.386 987		0.613 013	9.987 465		**.300**	
	cos	d	cotg	d	tang	sin	d	**76°**	P.P.

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5	17.0
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8	27.2
9	30.6

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7	23.1
8	26.4
9	29.7

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4	12.8
5	16.0
6	19.2
7	22.4
8	25.6
9	28.8

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7	21.7
8	24.8
9	27.9

76°.350 — 76°.300

13°.700 — 13°.750

13°	sin	d	tang	d	cotg	cos	d		P.P.
.700	9.374 452	31	9.386 987	33	0.613 013	9.987 465	2	.300	
701	9.374 483	31	9.387 020	33	0.612 980	9.987 463	2	299	
702	9.374 514	31	9.387 053	33	0.612 947	9.987 461	2	298	
703	9.374 545	31	9.387 086	33	0.612 914	9.987 459	2	297	
704	9.374 576	31	9.387 119	33	0.612 881	9.987 457	1	296	
705	9.374 607	31	9.387 152	33	0.612 848	9.987 456	2	295	
706	9.374 638	31	9.387 185	32	0.612 815	9.987 454	2	294	
707	9.374 669	31	9.387 217	33	0.612 783	9.987 452	2	293	
708	9.374 700	31	9.387 250	33	0.612 750	9.987 450	2	292	
709	9.374 731	31	9.387 283	33	0.612 717	9.987 448	2	291	
.710	9.374 762	32	9.387 316	33	0.612 684	9.987 446	2	.290	
711	9.374 794	31	9.387 349	33	0.612 651	9.987 444	1	289	
712	9.374 825	31	9.387 382	33	0.612 618	9.987 443	2	288	
713	9.374 856	31	9.387 415	33	0.612 585	9.987 441	2	287	
714	9.374 887	31	9.387 448	33	0.612 552	9.987 439	2	286	
715	9.374 918	31	9.387 481	33	0.612 519	9.987 437	2	285	
716	9.374 949	31	9.387 514	33	0.612 486	9.987 435	2	284	
717	9.374 980	31	9.387 547	32	0.612 453	9.987 433	2	283	
718	9.375 011	31	9.387 579	33	0.612 421	9.987 431	1	282	
719	9.375 042	31	9.387 612	33	0.612 388	9.987 430	2	281	
.720	9.375 073	31	9.387 645	33	0.612 355	9.987 428	2	.280	
721	9.375 104	31	9.387 678	33	0.612 322	9.987 426	2	279	
722	9.375 135	31	9.387 711	33	0.612 289	9.987 424	2	278	
723	9.375 166	31	9.387 744	33	0.612 256	9.987 422	2	277	
724	9.375 197	31	9.387 777	33	0.612 223	9.987 420	1	276	
725	9.375 228	31	9.387 810	33	0.612 190	9.987 419	2	275	
726	9.375 259	31	9.387 843	33	0.612 157	9.987 417	2	274	
727	9.375 290	31	9.387 876	32	0.612 124	9.987 415	2	273	
728	9.375 321	31	9.387 908	33	0.612 092	9.987 413	2	272	
729	9.375 352	31	9.387 941	33	0.612 059	9.987 411	2	271	
.730	9.375 383	31	9.387 974	33	0.612 026	9.987 409	2	.270	
731	9.375 414	31	9.388 007	33	0.611 993	9.987 407	1	269	
732	9.375 445	31	9.388 040	33	0.611 960	9.987 406	2	268	
733	9.375 476	31	9.388 073	33	0.611 927	9.987 404	2	267	
734	9.375 507	31	9.388 106	32	0.611 894	9.987 402	2	266	
735	9.375 538	32	9.388 138	33	0.611 862	9.987 400	2	265	
736	9.375 570	31	9.388 171	33	0.611 829	9.987 398	2	264	
737	9.375 601	31	9.388 204	33	0.611 796	9.987 396	2	263	
738	9.375 632	31	9.388 237	33	0.611 763	9.987 394	1	262	
739	9.375 663	31	9.388 270	33	0.611 730	9.987 393	2	261	
.740	9.375 694	31	9.388 303	33	0.611 697	9.987 391	2	.260	
741	9.375 725	31	9.388 336	32	0.611 664	9.987 389	2	259	
742	9.375 756	31	9.388 368	33	0.611 632	9.987 387	2	258	
743	9.375 787	31	9.388 401	33	0.611 599	9.987 385	2	257	
744	9.375 818	30	9.388 434	33	0.611 566	9.987 383	2	256	
745	9.375 848	31	9.388 467	33	0.611 533	9.987 381	1	255	
746	9.375 879	31	9.388 500	33	0.611 500	9.987 380	2	254	
747	9.375 910	31	9.388 533	33	0.611 467	9.987 378	2	253	
748	9.375 941	31	9.388 566	32	0.611 434	9.987 376	2	252	
749	9.375 972	31	9.388 598	33	0.611 402	9.987 374	2	251	
.750	9.376 003	31	9.388 631		0.611 369	9.987 372		.250	
	cos	d	cotg	d	tang	sin	d	76°	P.P.

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7	23.1
8	26.4
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4	12.8
5	16.0
6	19.2
7	22.4
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2	6.2
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4	12.4
5	15.5
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9	27.9

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1	3.0
2	6.0
3	9.0
4	12.0
5	15.0
6	18.0
7	21.0
8	24.0
9	27.0

76°.300 — 76°.250

13°.750 — 13°.800

13°	sin	d	tang	d	cotg	cos	d		P.P.
.750	9.376 003	31	9.388 631	33	0.611 369	9.987 372	2	.250	
751	9.376 034	31	9.388 664	33	0.611 336	9.987 370	2	249	
752	9.376 065	31	9.388 697	33	0.611 303	9.987 368	1	248	
753	9.376 096	31	9.388 730	33	0.611 270	9.987 367	2	247	
754	9.376 127	31	9.388 763	32	0.611 237	9.987 365	2	246	
755	9.376 158	31	9.388 795	33	0.611 205	9.987 363	2	245	
756	9.376 189	31	9.388 828	33	0.611 172	9.987 361	2	244	
757	9.376 220	31	9.388 861	33	0.611 139	9.987 359	2	243	
758	9.376 251	31	9.388 894	33	0.611 106	9.987 357	1	242	
759	9.376 282	31	9.388 927	32	0.611 073	9.987 356	2	241	
.760	9.376 313	31	9.388 959	33	0.611 041	9.987 354	2	.240	
761	9.376 344	31	9.388 992	33	0.611 008	9.987 352	2	239	
762	9.376 375	31	9.389 025	33	0.610 975	9.987 350	2	238	
763	9.376 406	31	9.389 058	33	0.610 942	9.987 348	2	237	
764	9.376 437	31	9.389 091	32	0.610 909	9.987 346	2	236	
765	9.376 468	31	9.389 123	33	0.610 877	9.987 344	1	235	
766	9.376 499	31	9.389 156	33	0.610 844	9.987 343	2	234	
767	9.376 530	31	9.389 189	33	0.610 811	9.987 341	2	233	
768	9.376 561	31	9.389 222	33	0.610 778	9.987 339	2	232	
769	9.376 592	31	9.389 255	32	0.610 745	9.987 337	2	231	
.770	9.376 622	30	9.389 287	33	0.610 713	9.987 335	2	.230	
771	9.376 653	31	9.389 320	33	0.610 680	9.987 333	2	229	
772	9.376 684	31	9.389 353	33	0.610 647	9.987 331	1	228	
773	9.376 715	31	9.389 386	33	0.610 614	9.987 330	2	227	
774	9.376 746	31	9.389 419	32	0.610 581	9.987 328	2	226	
775	9.376 777	31	9.389 451	33	0.610 549	9.987 326	2	225	
776	9.376 808	31	9.389 484	33	0.610 516	9.987 324	2	224	
777	9.376 839	31	9.389 517	33	0.610 483	9.987 322	2	223	
778	9.376 870	31	9.389 550	32	0.610 450	9.987 320	2	222	
779	9.376 901	31	9.389 582	33	0.610 418	9.987 318	2	221	
.780	9.376 932	31	9.389 615	33	0.610 385	9.987 316	2	.220	
781	9.376 963	31	9.389 648	33	0.610 352	9.987 315	1	219	
782	9.376 993	30	9.389 681	32	0.610 319	9.987 313	2	218	
783	9.377 024	31	9.389 713	33	0.610 287	9.987 311	2	217	
784	9.377 055	31	9.389 746	33	0.610 254	9.987 309	2	216	
785	9.377 086	31	9.389 779	33	0.610 221	9.987 307	2	215	
786	9.377 117	31	9.389 812	32	0.610 188	9.987 305	2	214	
787	9.377 148	31	9.389 844	33	0.610 156	9.987 303	1	213	
788	9.377 179	31	9.389 877	33	0.610 123	9.987 302	2	212	
789	9.377 210	31	9.389 910	33	0.610 090	9.987 300	2	211	
.790	9.377 241	30	9.389 943	32	0.610 057	9.987 298	2	.210	
791	9.377 271	31	9.389 975	33	0.610 025	9.987 296	2	209	
792	9.377 302	31	9.390 008	33	0.609 992	9.987 294	2	208	
793	9.377 333	31	9.390 041	33	0.609 959	9.987 292	2	207	
794	9.377 364	31	9.390 074	32	0.609 926	9.987 290	1	206	
795	9.377 395	31	9.390 106	33	0.609 894	9.987 289	2	205	
796	9.377 426	31	9.390 139	33	0.609 861	9.987 287	2	204	
797	9.377 457	31	9.390 172	33	0.609 828	9.987 285	2	203	
798	9.377 488	30	9.390 205	32	0.609 795	9.987 283	2	202	
799	9.377 518	31	9.390 237	33	0.609 763	9.987 281	2	201	
.800	9.377 549		9.390 270		0.609 730	9.987 279		.200	
	cos	d	cotg	d	tang	sin	d	76°	P.P.

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76°.250 — 76°.200

13°.800 — 13°.850

13°	sin	d	tang	d	cotg	cos	d		P.P.
.800	9.377 549	31	9.390 270	33	0.609 730	9.987 279	2	**.200**	
801	9.377 580	31	9.390 303	32	0.609 697	9.987 277	1	199	
802	9.377 611	31	9.390 335	33	0.609 665	9.987 276	2	198	
803	9.377 642	31	9.390 368	33	0.609 632	9.987 274	2	197	
804	9.377 673	31	9.390 401	33	0.609 599	9.987 272	2	196	
805	9.377 704	30	9.390 434	32	0.609 566	9.987 270	2	195	
806	9.377 734	31	9.390 466	33	0.609 534	9.987 268	2	194	
807	9.377 765	31	9.390 499	33	0.609 501	9.987 266	2	193	
808	9.377 796	31	9.390 532	32	0.609 468	9.987 264	1	192	
809	9.377 827	31	9.390 564	33	0.609 436	9.987 263	2	191	
.810	9.377 858	31	9.390 597	33	0.609 403	9.987 261	2	**.190**	
811	9.377 889	30	9.390 630	33	0.609 370	9.987 259	2	189	
812	9.377 919	31	9.390 663	32	0.609 337	9.987 257	2	188	
813	9.377 950	31	9.390 695	33	0.609 305	9.987 255	2	187	
814	9.377 981	31	9.390 728	33	0.609 272	9.987 253	2	186	
815	9.378 012	31	9.390 761	32	0.609 239	9.987 251	2	185	
816	9.378 043	31	9.390 793	33	0.609 207	9.987 249	1	184	
817	9.378 074	30	9.390 826	33	0.609 174	9.987 248	2	183	
818	9.378 104	31	9.390 859	32	0.609 141	9.987 246	2	182	
819	9.378 135	31	9.390 891	33	0.609 109	9.987 244	2	181	
.820	9.378 166	31	9.390 924	33	0.609 076	9.987 242	2	**.180**	
821	9.378 197	31	9.390 957	32	0.609 043	9.987 240	2	179	
822	9.378 228	30	9.390 989	33	0.609 011	9.987 238	2	178	
823	9.378 258	31	9.391 022	33	0.608 978	9.987 236	1	177	
824	9.378 289	31	9.391 055	32	0.608 945	9.987 235	2	176	
825	9.378 320	31	9.391 087	33	0.608 913	9.987 233	2	175	
826	9.378 351	31	9.391 120	33	0.608 880	9.987 231	2	174	
827	9.378 382	30	9.391 153	32	0.608 847	9.987 229	2	173	
828	9.378 412	31	9.391 185	33	0.608 815	9.987 227	2	172	
829	9.378 443	31	9.391 218	33	0.608 782	9.987 225	2	171	
.830	9.378 474	31	9.391 251	32	0.608 749	9.987 223	1	**.170**	
831	9.378 505	31	9.391 283	33	0.608 717	9.987 222	2	169	
832	9.378 536	30	9.391 316	33	0.608 684	9.987 220	2	168	
833	9.378 566	31	9.391 349	32	0.608 651	9.987 218	2	167	
834	9.378 597	31	9.391 381	33	0.608 619	9.987 216	2	166	
835	9.378 628	31	9.391 414	33	0.608 586	9.987 214	2	165	
836	9.378 659	31	9.391 447	32	0.608 553	9.987 212	2	164	
837	9.378 690	30	9.391 479	33	0.608 521	9.987 210	2	163	
838	9.378 720	31	9.391 512	32	0.608 488	9.987 208	1	162	
839	9.378 751	31	9.391 544	33	0.608 456	9.987 207	2	161	
.840	9.378 782	31	9.391 577	33	0.608 423	9.987 205	2	**.160**	
841	9.378 813	30	9.391 610	32	0.608 390	9.987 203	2	159	
842	9.378 843	31	9.391 642	33	0.608 358	9.987 201	2	158	
843	9.378 874	31	9.391 675	33	0.608 325	9.987 199	2	157	
844	9.378 905	31	9.391 708	32	0.608 292	9.987 197	2	156	
845	9.378 936	30	9.391 740	33	0.608 260	9.987 195	2	155	
846	9.378 966	31	9.391 773	33	0.608 227	9.987 193	1	154	
847	9.378 997	31	9.391 806	32	0.608 194	9.987 192	2	153	
848	9.379 028	31	9.391 838	33	0.608 162	9.987 190	2	152	
849	9.379 059	30	9.391 871	32	0.608 129	9.987 188	2	151	
.850	9.379 089		9.391 903		0.608 097	9.987 186		**.150**	
	cos	d	cotg	d	tang	sin	d	**76°**	P.P.

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76°.200 — 76°.150

13°.850 — 13°.900

13°	sin	d	tang	d	cotg	cos	d		P.P.
.850	9.379 089	31	9.391 903	33	0.608 097	9.987 186	2	.150	
851	9.379 120	31	9.391 936	33	0.608 064	9.987 184	2	149	
852	9.379 151	31	9.391 969	32	0.608 031	9.987 182	2	148	
853	9.379 182	30	9.392 001	33	0.607 999	9.987 180	1	147	
854	9.379 212	31	9.392 034	32	0.607 966	9.987 179	2	146	
855	9.379 243	31	9.392 066	33	0.607 934	9.987 177	2	145	
856	9.379 274	31	9.392 099	33	0.607 901	9.987 175	2	144	
857	9.379 305	30	9.392 132	32	0.607 868	9.987 173	2	143	
858	9.379 335	31	9.392 164	33	0.607 836	9.987 171	2	142	
859	9.379 366	31	9.392 197	32	0.607 803	9.987 169	2	141	
.860	9.379 397	30	9.392 229	33	0.607 771	9.987 167	2	.140	
861	9.379 427	31	9.392 262	33	0.607 738	9.987 165	1	139	
862	9.379 458	31	9.392 295	32	0.607 705	9.987 164	2	138	
863	9.379 489	31	9.392 327	33	0.607 673	9.987 162	2	137	
864	9.379 520	30	9.392 360	32	0.607 640	9.987 160	2	136	
865	9.379 550	31	9.392 392	33	0.607 608	9.987 158	2	135	
866	9.379 581	31	9.392 425	32	0.607 575	9.987 156	2	134	
867	9.379 612	30	9.392 457	33	0.607 543	9.987 154	2	133	
868	9.379 642	31	9.392 490	33	0.607 510	9.987 152	2	132	
869	9.379 673	31	9.392 523	32	0.607 477	9.987 150	1	131	
.870	9.379 704	31	9.392 555	33	0.607 445	9.987 149	2	.130	
871	9.379 735	30	9.392 588	32	0.607 412	9.987 147	2	129	
872	9.379 765	31	9.392 620	33	0.607 380	9.987 145	2	128	
873	9.379 796	31	9.392 653	32	0.607 347	9.987 143	2	127	
874	9.379 827	30	9.392 685	33	0.607 315	9.987 141	2	126	
875	9.379 857	31	9.392 718	33	0.607 282	9.987 139	2	125	
876	9.379 888	31	9.392 751	32	0.607 249	9.987 137	1	124	
877	9.379 919	30	9.392 783	33	0.607 217	9.987 136	2	123	
878	9.379 949	31	9.392 816	32	0.607 184	9.987 134	2	122	
879	9.379 980	31	9.392 848	33	0.607 152	9.987 132	2	121	
.880	9.380 011	30	9.392 881	32	0.607 119	9.987 130	2	.120	
881	9.380 041	31	9.392 913	33	0.607 087	9.987 128	2	119	
882	9.380 072	31	9.392 946	32	0.607 054	9.987 126	2	118	
883	9.380 103	30	9.392 978	33	0.607 022	9.987 124	2	117	
884	9.380 133	31	9.393 011	32	0.606 989	9.987 122	1	116	
885	9.380 164	31	9.393 043	33	0.606 957	9.987 121	2	115	
886	9.380 195	30	9.393 076	33	0.606 924	9.987 119	2	114	
887	9.380 225	31	9.393 109	32	0.606 891	9.987 117	2	113	
888	9.380 256	31	9.393 141	33	0.606 859	9.987 115	2	112	
889	9.380 287	30	9.393 174	32	0.606 826	9.987 113	2	111	
.890	9.380 317	31	9.393 206	33	0.606 794	9.987 111	2	.110	
891	9.380 348	31	9.393 239	32	0.606 761	9.987 109	2	109	
892	9.380 379	30	9.393 271	33	0.606 729	9.987 107	1	108	
893	9.380 409	31	9.393 304	32	0.606 696	9.987 106	2	107	
894	9.380 440	31	9.393 336	33	0.606 664	9.987 104	2	106	
895	9.380 471	30	9.393 369	32	0.606 631	9.987 102	2	105	
896	9.380 501	31	9.393 401	33	0.606 599	9.987 100	2	104	
897	9.380 532	30	9.393 434	32	0.606 566	9.987 098	2	103	
898	9.380 562	31	9.393 466	33	0.606 534	9.987 096	2	102	
899	9.380 593	31	9.393 499	32	0.606 501	9.987 094	2	101	
.900	9.380 624		9.393 531		0.606 469	9.987 092		.100	
	cos	d	cotg	d	tang	sin	d	76°	P.P.

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76°.150 — 76°.100

13°.900 — 13°.950

13°	sin	d	tang	d	cotg	cos	d		P.P.
.900	9.380 624	30	9.393 531	33	0.606 469	9.987 092	1	**.100**	
901	9.380 654	31	9.393 564	32	0.606 436	9.987 091	2	099	
902	9.380 685	31	9.393 596	33	0.606 404	9.987 089	2	098	
903	9.380 716	30	9.393 629	32	0.606 371	9.987 087	2	097	
904	9.380 746	31	9.393 661	33	0.606 339	9.987 085	2	096	
905	9.380 777	30	9.393 694	32	0.606 306	9.987 083	2	095	
906	9.380 807	31	9.393 726	33	0.606 274	9.987 081	2	094	
907	9.380 838	31	9.393 759	32	0.606 241	9.987 079	2	093	
908	9.380 869	30	9.393 791	33	0.606 209	9.987 077	1	092	
909	9.380 899	31	9.393 824	32	0.606 176	9.987 076	2	091	
.910	9.380 930	30	9.393 856	33	0.606 144	9.987 074	2	**.090**	
911	9.380 960	31	9.393 889	32	0.606 111	9.987 072	2	089	
912	9.380 991	31	9.393 921	33	0.606 079	9.987 070	2	088	
913	9.381 022	30	9.393 954	32	0.606 046	9.987 068	2	087	
914	9.381 052	31	9.393 986	33	0.606 014	9.987 066	2	086	
915	9.381 083	30	9.394 019	32	0.605 981	9.987 064	2	085	
916	9.381 113	31	9.394 051	33	0.605 949	9.987 062	2	084	
917	9.381 144	31	9.394 084	32	0.605 916	9.987 060	1	083	
918	9.381 175	30	9.394 116	32	0.605 884	9.987 059	2	082	
919	9.381 205	31	9.394 148	33	0.605 852	9.987 057	2	081	
.920	9.381 236	30	9.394 181	32	0.605 819	9.987 055	2	**.080**	
921	9.381 266	31	9.394 213	33	0.605 787	9.987 053	2	079	
922	9.381 297	31	9.394 246	32	0.605 754	9.987 051	2	078	
923	9.381 328	30	9.394 278	33	0.605 722	9.987 049	2	077	
924	9.381 358	31	9.394 311	32	0.605 689	9.987 047	2	076	
925	9.381 389	30	9.394 343	33	0.605 657	9.987 045	1	075	
926	9.381 419	31	9.394 376	32	0.605 624	9.987 044	2	074	
927	9.381 450	30	9.394 408	33	0.605 592	9.987 042	2	073	
928	9.381 480	31	9.394 441	32	0.605 559	9.987 040	2	072	
929	9.381 511	31	9.394 473	32	0.605 527	9.987 038	2	071	
.930	9.381 542	30	9.394 505	33	0.605 495	9.987 036	2	**.070**	
931	9.381 572	31	9.394 538	32	0.605 462	9.987 034	2	069	
932	9.381 603	30	9.394 570	33	0.605 430	9.987 032	2	068	
933	9.381 633	31	9.394 603	32	0.605 397	9.987 030	1	067	
934	9.381 664	30	9.394 635	33	0.605 365	9.987 029	2	066	
935	9.381 694	31	9.394 668	32	0.605 332	9.987 027	2	065	
936	9.381 725	30	9.394 700	33	0.605 300	9.987 025	2	064	
937	9.381 755	31	9.394 733	32	0.605 267	9.987 023	2	063	
938	9.381 786	30	9.394 765	32	0.605 235	9.987 021	2	062	
939	9.381 816	31	9.394 797	33	0.605 203	9.987 019	2	061	
.940	9.381 847	31	9.394 830	32	0.605 170	9.987 017	2	**.060**	
941	9.381 878	30	9.394 862	33	0.605 138	9.987 015	2	059	
942	9.381 908	31	9.394 895	32	0.605 105	9.987 013	1	058	
943	9.381 939	30	9.394 927	32	0.605 073	9.987 012	2	057	
944	9.381 969	31	9.394 959	33	0.605 041	9.987 010	2	056	
945	9.382 000	30	9.394 992	32	0.605 008	9.987 008	2	055	
946	9.382 030	31	9.395 024	33	0.604 976	9.987 006	2	054	
947	9.382 061	30	9.395 057	32	0.604 943	9.987 004	2	053	
948	9.382 091	31	9.395 089	32	0.604 911	9.987 002	2	052	
949	9.382 122	30	9.395 121	33	0.604 879	9.987 000	2	051	
.950	9.382 152		9.395 154		0.604 846	9.986 998		**.050**	
	cos	d	cotg	d	tang	sin	d	**76°**	P.P.

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76°.100 — 76°.050

13°.950 — 14°.000

13°	sin	d	tang	d	cotg	cos	d		P.P.
.950	9.382 152		9.395 154		0.604 846	9.986 998		.050	
		31		32			1		
951	9.382 183		9.395 186		0.604 814	9.986 997		049	
		30		33			2		
952	9.382 213		9.395 219		0.604 781	9.986 995		048	
		31		32			2		
953	9.382 244		9.395 251		0.604 749	9.986 993		047	
		30		32			2		
954	9.382 274		9.395 283		0.604 717	9.986 991		046	
		31		33			2		
955	9.382 305		9.395 316		0.604 684	9.986 989		045	
		30		32			2		
956	9.382 335		9.395 348		0.604 652	9.986 987		044	
		31		33			2		
957	9.382 366		9.395 381		0.604 619	9.986 985		043	
		30		32			2		
958	9.382 396		9.395 413		0.604 587	9.986 983		042	
		31		32			2		
959	9.382 427		9.395 445		0.604 555	9.986 981		041	
		30		33			1		
.960	9.382 457		9.395 478		0.604 522	9.986 980		.040	
		31		32			2		
961	9.382 488		9.395 510		0.604 490	9.986 978		039	
		30		32			2		
962	9.382 518		9.395 542		0.604 458	9.986 976		038	
		31		33			2		
963	9.382 549		9.395 575		0.604 425	9.986 974		037	
		30		32			2		
964	9.382 579		9.395 607		0.604 393	9.986 972		036	
		31		33			2		
965	9.382 610		9.395 640		0.604 360	9.986 970		035	
		30		32			2		
966	9.382 640		9.395 672		0.604 328	9.986 968		034	
		31		32			2		
967	9.382 671		9.395 704		0.604 296	9.986 966		033	
		30		33			1		
968	9.382 701		9.395 737		0.604 263	9.986 965		032	
		31		32			2		
969	9.382 732		9.395 769		0.604 231	9.986 963		031	
		30		32			2		
.970	9.382 762		9.395 801		0.604 199	9.986 961		.030	
		31		33			2		
971	9.382 793		9.395 834		0.604 166	9.986 959		029	
		30		32			2		
972	9.382 823		9.395 866		0.604 134	9.986 957		028	
		31		32			2		
973	9.382 854		9.395 898		0.604 102	9.986 955		027	
		30		33			2		
974	9.382 884		9.395 931		0.604 069	9.986 953		026	
		30		32			2		
975	9.382 914		9.395 963		0.604 037	9.986 951		025	
		31		32			2		
976	9.382 945		9.395 995		0.604 005	9.986 949		024	
		30		33			1		
977	9.382 975		9.396 028		0.603 972	9.986 948		023	
		31		32			2		
978	9.383 006		9.396 060		0.603 940	9.986 946		022	
		30		32			2		
979	9.383 036		9.396 092		0.603 908	9.986 944		021	
		31		33			2		
.980	9.383 067		9.396 125		0.603 875	9.986 942		.020	
		30		32			2		
981	9.383 097		9.396 157		0.603 843	9.986 940		019	
		31		32			2		
982	9.383 128		9.396 189		0.603 811	9.986 938		018	
		30		33			2		
983	9.383 158		9.396 222		0.603 778	9.986 936		017	
		30		32			2		
984	9.383 188		9.396 254		0.603 746	9.986 934		016	
		31		32			2		
985	9.383 219		9.396 286		0.603 714	9.986 932		015	
		30		33			1		
986	9.383 249		9.396 319		0.603 681	9.986 931		014	
		31		32			2		
987	9.383 280		9.396 351		0.603 649	9.986 929		013	
		30		32			2		
988	9.383 310		9.396 383		0.603 617	9.986 927		012	
		31		33			2		
989	9.383 341		9.396 416		0.603 584	9.986 925		011	
		30		32			2		
.990	9.383 371		9.396 448		0.603 552	9.986 923		.010	
		30		32			2		
991	9.383 401		9.396 480		0.603 520	9.986 921		009	
		31		33			2		
992	9.383 432		9.396 513		0.603 487	9.986 919		008	
		30		32			2		
993	9.383 462		9.396 545		0.603 455	9.986 917		007	
		31		32			2		
994	9.383 493		9.396 577		0.603 423	9.986 915		006	
		30		33			1		
995	9.383 523		9.396 610		0.603 390	9.986 914		005	
		31		32			2		
996	9.383 554		9.396 642		0.603 358	9.986 912		004	
		30		32			2		
997	9.383 584		9.396 674		0.603 326	9.986 910		003	
		30		32			2		
998	9.383 614		9.396 706		0.603 294	9.986 908		002	
		31		33			2		
999	9.383 645		9.396 739		0.603 261	9.986 906		001	
		30		32			2		
*.000	9.383 675		9.396 771		0.603 229	9.986 904		.000	
	cos	d	cotg	d	tang	sin	d	76°	P.P.

	33
1	3.3
2	6.6
3	9.9
4	13.2
5	16.5
6	19.8
7	23.1
8	26.4
9	29.7

	32
1	3.2
2	6.4
3	9.6
4	12.8
5	16.0
6	19.2
7	22.4
8	25.6
9	28.8

	31
1	3.1
2	6.2
3	9.3
4	12.4
5	15.5
6	18.6
7	21.7
8	24.8
9	27.9

	30
1	3.0
2	6.0
3	9.0
4	12.0
5	15.0
6	18.0
7	21.0
8	24.0
9	27.0

76°.050 — 76°.000

14°.000 — 14°.050

14°	sin	d	tang	d	cotg	cos	d		P.P.
.000	9.383 675	31	9.396 771	32	0.603 229	9.986 904	2	***000**	
001	9.383 706	30	9.396 803	33	0.603 197	9.986 902	2	999	
002	9.383 736	30	9.396 836	32	0.603 164	9.986 900	2	998	
003	9.383 766	31	9.396 868	32	0.603 132	9.986 898	1	997	
004	9.383 797	30	9.396 900	32	0.603 100	9.986 897	2	996	33
005	9.383 827	31	9.396 932	33	0.603 068	9.986 895	2	995	1 3.3
006	9.383 858	30	9.396 965	32	0.603 035	9.986 893	2	994	2 6.6
007	9.383 888	30	9.396 997	32	0.603 003	9.986 891	2	993	3 9.9
008	9.383 918	31	9.397 029	33	0.602 971	9.986 889	2	992	4 13.2
009	9.383 949	30	9.397 062	32	0.602 938	9.986 887	2	991	5 16.5
.010	9.383 979	30	9.397 094	32	0.602 906	9.986 885	2	**.990**	6 19.8
011	9.384 009	31	9.397 126	32	0.602 874	9.986 883	2	989	7 23.1
012	9.384 040	30	9.397 158	33	0.602 842	9.986 881	2	988	8 26.4
013	9.384 070	31	9.397 191	32	0.602 809	9.986 880	1	987	9 29.7
014	9.384 101	30	9.397 223	32	0.602 777	9.986 878	2	986	
015	9.384 131	30	9.397 255	32	0.602 745	9.986 876	2	985	32
016	9.384 161	31	9.397 287	33	0.602 713	9.986 874	2	984	1 3.2
017	9.384 192	30	9.397 320	32	0.602 680	9.986 872	2	983	2 6.4
018	9.384 222	30	9.397 352	32	0.602 648	9.986 870	2	982	3 9.6
019	9.384 252	31	9.397 384	32	0.602 616	9.986 868	2	981	4 12.8
.020	9.384 283	30	9.397 416	33	0.602 584	9.986 866	2	**.980**	5 16.0
021	9.384 313	30	9.397 449	32	0.602 551	9.986 864	1	979	6 19.2
022	9.384 343	31	9.397 481	32	0.602 519	9.986 863	2	978	7 22.4
023	9.384 374	30	9.397 513	32	0.602 487	9.986 861	2	977	8 25.6
024	9.384 404	31	9.397 545	33	0.602 455	9.986 859	2	976	9 28.8
025	9.384 435	30	9.397 578	32	0.602 422	9.986 857	2	975	
026	9.384 465	30	9.397 610	32	0.602 390	9.986 855	2	974	
027	9.384 495	31	9.397 642	32	0.602 358	9.986 853	2	973	31
028	9.384 526	30	9.397 674	33	0.602 326	9.986 851	2	972	1 3.1
029	9.384 556	30	9.397 707	32	0.602 293	9.986 849	2	971	2 6.2
.030	9.384 586	31	9.397 739	32	0.602 261	9.986 847	2	**.970**	3 9.3
031	9.384 617	30	9.397 771	32	0.602 229	9.986 845	1	969	4 12.4
032	9.384 647	30	9.397 803	33	0.602 197	9.986 844	2	968	5 15.5
033	9.384 677	31	9.397 836	32	0.602 164	9.986 842	2	967	6 18.6
034	9.384 708	30	9.397 868	32	0.602 132	9.986 840	2	966	7 21.7
035	9.384 738	30	9.397 900	32	0.602 100	9.986 838	2	965	8 24.8
036	9.384 768	30	9.397 932	32	0.602 068	9.986 836	2	964	9 27.9
037	9.384 798	31	9.397 964	33	0.602 036	9.986 834	2	963	
038	9.384 829	30	9.397 997	32	0.602 003	9.986 832	2	962	
039	9.384 859	30	9.398 029	32	0.601 971	9.986 830	2	961	30
.040	9.384 889	31	9.398 061	32	0.601 939	9.986 828	1	**.960**	1 3.0
041	9.384 920	30	9.398 093	32	0.601 907	9.986 827	2	959	2 6.0
042	9.384 950	30	9.398 125	33	0.601 875	9.986 825	2	958	3 9.0
043	9.384 980	31	9.398 158	32	0.601 842	9.986 823	2	957	4 12.0
044	9.385 011	30	9.398 190	32	0.601 810	9.986 821	2	956	5 15.0
045	9.385 041	30	9.398 222	32	0.601 778	9.986 819	2	955	6 18.0
046	9.385 071	31	9.398 254	32	0.601 746	9.986 817	2	954	7 21.0
047	9.385 102	30	9.398 286	33	0.601 714	9.986 815	2	953	8 24.0
048	9.385 132	30	9.398 319	32	0.601 681	9.986 813	2	952	9 27.0
049	9.385 162	30	9.398 351	32	0.601 649	9.986 811	2	951	
.050	9.385 192		9.398 383		0.601 617	9.986 809		**.950**	
	cos	d	cotg	d	tang	sin	d	**75°**	P.P.

76°.000 — 75°.950

14°.050 — 14°.100

14°	sin	d	tang	d	cotg	cos	d		P.P.
.050	9.385 192		9.398 383		0.601 617	9.986 809		**.950**	
		31		32			1		
051	9.385 223		9.398 415		0.601 585	9.986 808		949	
		30		32			2		
052	9.385 253		9.398 447		0.601 553	9.986 806		948	
		30		33			2		
053	9.385 283		9.398 480		0.601 520	9.986 804		947	
		31		32			2		
054	9.385 314		9.398 512		0.601 488	9.986 802		946	
		30		32			2		
055	9.385 344		9.398 544		0.601 456	9.986 800		945	
		30		32			2		
056	9.385 374		9.398 576		0.601 424	9.986 798		944	
		30		32			2		
057	9.385 404		9.398 608		0.601 392	9.986 796		943	
		31		32			2		
058	9.385 435		9.398 640		0.601 360	9.986 794		942	
		30		33			2		
059	9.385 465		9.398 673		0.601 327	9.986 792		941	
		30		32			2		
.060	9.385 495		9.398 705		0.601 295	9.986 790		**.940**	
		30		32			1		
061	9.385 525		9.398 737		0.601 263	9.986 789		939	
		31		32			2		
062	9.385 556		9.398 769		0.601 231	9.986 787		938	
		30		32			2		
063	9.385 586		9.398 801		0.601 199	9.986 785		937	
		30		32			2		
064	9.385 616		9.398 833		0.601 167	9.986 783		936	
		30		33			2		
065	9.385 646		9.398 866		0.601 134	9.986 781		935	
		31		32			2		
066	9.385 677		9.398 898		0.601 102	9.986 779		934	
		30		32			2		
067	9.385 707		9.398 930		0.601 070	9.986 777		933	
		30		32			2		
068	9.385 737		9.398 962		0.601 038	9.986 775		932	
		30		32			2		
069	9.385 767		9.398 994		0.601 006	9.986 773		931	
		31		32			2		
.070	9.385 798		9.399 026		0.600 974	9.986 771		**.930**	
		30		32			1		
071	9.385 828		9.399 058		0.600 942	9.986 770		929	
		30		33			2		
072	9.385 858		9.399 091		0.600 909	9.986 768		928	
		30		32			2		
073	9.385 888		9.399 123		0.600 877	9.986 766		927	
		31		32			2		
074	9.385 919		9.399 155		0.600 845	9.986 764		926	
		30		32			2		
075	9.385 949		9.399 187		0.600 813	9.986 762		925	
		30		32			2		
076	9.385 979		9.399 219		0.600 781	9.986 760		924	
		30		32			2		
077	9.386 009		9.399 251		0.600 749	9.986 758		923	
		31		32			2		
078	9.386 040		9.399 283		0.600 717	9.986 756		922	
		30		32			2		
079	9.386 070		9.399 315		0.600 685	9.986 754		921	
		30		33			2		
.080	9.386 100		9.399 348		0.600 652	9.986 752		**.920**	
		30		32			1		
081	9.386 130		9.399 380		0.600 620	9.986 751		919	
		31		32			2		
082	9.386 161		9.399 412		0.600 588	9.986 749		918	
		30		32			2		
083	9.386 191		9.399 444		0.600 556	9.986 747		917	
		30		32			2		
084	9.386 221		9.399 476		0.600 524	9.986 745		916	
		30		32			2		
085	9.386 251		9.399 508		0.600 492	9.986 743		915	
		30		32			2		
086	9.386 281		9.399 540		0.600 460	9.986 741		914	
		31		32			2		
087	9.386 312		9.399 572		0.600 428	9.986 739		913	
		30		32			2		
088	9.386 342		9.399 604		0.600 396	9.986 737		912	
		30		33			2		
089	9.386 372		9.399 637		0.600 363	9.986 735		911	
		30		32			2		
.090	9.386 402		9.399 669		0.600 331	9.986 733		**.910**	
		30		32			1		
091	9.386 432		9.399 701		0.600 299	9.986 732		909	
		31		32			2		
092	9.386 463		9.399 733		0.600 267	9.986 730		908	
		30		32			2		
093	9.386 493		9.399 765		0.600 235	9.986 728		907	
		30		32			2		
094	9.386 523		9.399 797		0.600 203	9.986 726		906	
		30		32			2		
095	9.386 553		9.399 829		0.600 171	9.986 724		905	
		30		32			2		
096	9.386 583		9.399 861		0.600 139	9.986 722		904	
		31		32			2		
097	9.386 614		9.399 893		0.600 107	9.986 720		903	
		30		32			2		
098	9.386 644		9.399 925		0.600 075	9.986 718		902	
		30		33			2		
099	9.386 674		9.399 958		0.600 042	9.986 716		901	
		30		32			2		
.100	9.386 704		9.399 990		0.600 010	9.986 714		**.900**	
	cos	d	cotg	d	tang	sin	d	**75°**	P.P.

	33
1	3.3
2	6.6
3	9.9
4	13.2
5	16.5
6	19.8
7	23.1
8	26.4
9	29.7

	32
1	3.2
2	6.4
3	9.6
4	12.8
5	16.0
6	19.2
7	22.4
8	25.6
9	28.8

	31
1	3.1
2	6.2
3	9.3
4	12.4
5	15.5
6	18.6
7	21.7
8	24.8
9	27.9

	30
1	3.0
2	6.0
3	9.0
4	12.0
5	15.0
6	18.0
7	21.0
8	24.0
9	27.0

75°.950 — 75°.900

14°.100 — 14°.150

14°	sin	d	tang	d	cotg	cos	d		P.P.
.100	9.386 704		9.399 990		0.600 010	9.986 714		**.900**	
		30		32			1		
101	9.386 734		9.400 022		0.599 978	9.986 713		899	
		30		32			2		
102	9.386 764		9.400 054		0.599 946	9.986 711		898	
		31		32			2		
103	9.386 795		9.400 086		0.599 914	9.986 709		897	
		30		32			2		
104	9.386 825		9.400 118		0.599 882	9.986 707		896	
		30		32			2		
105	9.386 855		9.400 150		0.599 850	9.986 705		895	
		30		32			2		
106	9.386 885		9.400 182		0.599 818	9.986 703		894	
		30		32			2		
107	9.386 915		9.400 214		0.599 786	9.986 701		893	
		30		32			2		
108	9.386 945		9.400 246		0.599 754	9.986 699		892	
		31		32			2		
109	9.386 976		9.400 278		0.599 722	9.986 697		891	
		30		32			2		
.110	9.387 006		9.400 310		0.599 690	9.986 695		**.890**	
		30		32			2		
111	9.387 036		9.400 342		0.599 658	9.986 693		889	
		30		32			1		
112	9.387 066		9.400 374		0.599 626	9.986 692		888	
		30		32			2		
113	9.387 096		9.400 406		0.599 594	9.986 690		887	
		30		33			2		
114	9.387 126		9.400 439		0.599 561	9.986 688		886	
		30		32			2		
115	9.387 156		9.400 471		0.599 529	9.986 686		885	
		31		32			2		
116	9.387 187		9.400 503		0.599 497	9.986 684		884	
		30		32			2		
117	9.387 217		9.400 535		0.599 465	9.986 682		883	
		30		32			2		
118	9.387 247		9.400 567		0.599 433	9.986 680		882	
		30		32			2		
119	9.387 277		9.400 599		0.599 401	9.986 678		881	
		30		32			2		
.120	9.387 307		9.400 631		0.599 369	9.986 676		**.880**	
		30		32			2		
121	9.387 337		9.400 663		0.599 337	9.986 674		879	
		30		32			1		
122	9.387 367		9.400 695		0.599 305	9.986 673		878	
		31		32			2		
123	9.387 398		9.400 727		0.599 273	9.986 671		877	
		30		32			2		
124	9.387 428		9.400 759		0.599 241	9.986 669		876	
		30		32			2		
125	9.387 458		9.400 791		0.599 209	9.986 667		875	
		30		32			2		
126	9.387 488		9.400 823		0.599 177	9.986 665		874	
		30		32			2		
127	9.387 518		9.400 855		0.599 145	9.986 663		873	
		30		32			2		
128	9.387 548		9.400 887		0.599 113	9.986 661		872	
		30		32			2		
129	9.387 578		9.400 919		0.599 081	9.986 659		871	
		30		32			2		
.130	9.387 608		9.400 951		0.599 049	9.986 657		**.870**	
		30		32			2		
131	9.387 638		9.400 983		0.599 017	9.986 655		869	
		31		32			2		
132	9.387 669		9.401 015		0.598 985	9.986 653		868	
		30		32			1		
133	9.387 699		9.401 047		0.598 953	9.986 652		867	
		30		32			2		
134	9.387 729		9.401 079		0.598 921	9.986 650		866	
		30		32			2		
135	9.387 759		9.401 111		0.598 889	9.986 648		865	
		30		32			2		
136	9.387 789		9.401 143		0.598 857	9.986 646		864	
		30		32			2		
137	9.387 819		9.401 175		0.598 825	9.986 644		863	
		30		32			2		
138	9.387 849		9.401 207		0.598 793	9.986 642		862	
		30		32			2		
139	9.387 879		9.401 239		0.598 761	9.986 640		861	
		30		32			2		
.140	9.387 909		9.401 271		0.598 729	9.986 638		**.860**	
		30		32			2		
141	9.387 939		9.401 303		0.598 697	9.986 636		859	
		31		32			2		
142	9.387 970		9.401 335		0.598 665	9.986 634		858	
		30		32			2		
143	9.388 000		9.401 367		0.598 633	9.986 632		857	
		30		32			1		
144	9.388 030		9.401 399		0.598 601	9.986 631		856	
		30		32			2		
145	9.388 060		9.401 431		0.598 569	9.986 629		855	
		30		32			2		
146	9.388 090		9.401 463		0.598 537	9.986 627		854	
		30		32			2		
147	9.388 120		9.401 495		0.598 505	9.986 625		853	
		30		32			2		
148	9.388 150		9.401 527		0.598 473	9.986 623		852	
		30		32			2		
149	9.388 180		9.401 559		0.598 441	9.986 621		851	
		30		32			2		
.150	9.388 210		9.401 591		0.598 409	9.986 619		**.850**	
	cos	d	cotg	d	tang	sin	d	**75°**	P.P.

	33
1	3.3
2	6.6
3	9.9
4	13.2
5	16.5
6	19.8
7	23.1
8	26.4
9	29.7

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1	3.2
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3	9.6
4	12.8
5	16.0
6	19.2
7	22.4
8	25.6
9	28.8

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1	3.1
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5	15.5
6	18.6
7	21.7
8	24.8
9	27.9

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1	3.0
2	6.0
3	9.0
4	12.0
5	15.0
6	18.0
7	21.0
8	24.0
9	27.0

75°.900 — 75°.850

14°.150 — 14°.200

14°	sin	d	tang	d	cotg	cos	d		P.P.
.150	9.388 210		9.401 591		0.598 409	9.986 619		**.850**	
		30		32			2		
151	9.388 240		9.401 623		0.598 377	9.986 617		849	
		30		32			2		
152	9.388 270		9.401 655		0.598 345	9.986 615		848	
		30		32			2		
153	9.388 300		9.401 687		0.598 313	9.986 613		847	
		30		32			2		
154	9.388 330		9.401 719		0.598 281	9.986 611		846	
		30		32			2		
155	9.388 360		9.401 751		0.598 249	9.986 609		845	
		30		32			1		
156	9.388 390		9.401 783		0.598 217	9.986 608		844	
		31		32			2		
157	9.388 421		9.401 815		0.598 185	9.986 606		843	
		30		32			2		
158	9.388 451		9.401 847		0.598 153	9.986 604		842	
		30		32			2		
159	9.388 481		9.401 879		0.598 121	9.986 602		841	
		30		32			2		
.160	9.388 511		9.401 911		0.598 089	9.986 600		**.840**	
		30		32			2		
161	9.388 541		9.401 943		0.598 057	9.986 598		839	
		30		32			2		
162	9.388 571		9.401 975		0.598 025	9.986 596		838	
		30		32			2		
163	9.388 601		9.402 007		0.597 993	9.986 594		837	
		30		32			2		
164	9.388 631		9.402 039		0.597 961	9.986 592		836	
		30		31			2		
165	9.388 661		9.402 070		0.597 930	9.986 590		835	
		30		32			2		
166	9.388 691		9.402 102		0.597 898	9.986 588		834	
		30		32			1		
167	9.388 721		9.402 134		0.597 866	9.986 587		833	
		30		32			2		
168	9.388 751		9.402 166		0.597 834	9.986 585		832	
		30		32			2		
169	9.388 781		9.402 198		0.597 802	9.986 583		831	
		30		32			2		
.170	9.388 811		9.402 230		0.597 770	9.986 581		**.830**	
		30		32			2		
171	9.388 841		9.402 262		0.597 738	9.986 579		829	
		30		32			2		
172	9.388 871		9.402 294		0.597 706	9.986 577		828	
		30		32			2		
173	9.388 901		9.402 326		0.597 674	9.986 575		827	
		30		32			2		
174	9.388 931		9.402 358		0.597 642	9.986 573		826	
		30		32			2		
175	9.388 961		9.402 390		0.597 610	9.986 571		825	
		30		32			2		
176	9.388 991		9.402 422		0.597 578	9.986 569		824	
		30		32			2		
177	9.389 021		9.402 454		0.597 546	9.986 567		823	
		30		32			2		
178	9.389 051		9.402 486		0.597 514	9.986 565		822	
		30		31			1		
179	9.389 081		9.402 517		0.597 483	9.986 564		821	
		30		32			2		
.180	9.389 111		9.402 549		0.597 451	9.986 562		**.820**	
		30		32			2		
181	9.389 141		9.402 581		0.597 419	9.986 560		819	
		30		32			2		
182	9.389 171		9.402 613		0.597 387	9.986 558		818	
		30		32			2		
183	9.389 201		9.402 645		0.597 355	9.986 556		817	
		30		32			2		
184	9.389 231		9.402 677		0.597 323	9.986 554		816	
		30		32			2		
185	9.389 261		9.402 709		0.597 291	9.986 552		815	
		30		32			2		
186	9.389 291		9.402 741		0.597 259	9.986 550		814	
		30		32			2		
187	9.389 321		9.402 773		0.597 227	9.986 548		813	
		30		32			2		
188	9.389 351		9.402 805		0.597 195	9.986 546		812	
		30		32			2		
189	9.389 381		9.402 837		0.597 163	9.986 544		811	
		30		31			1		
.190	9.389 411		9.402 868		0.597 132	9.986 543		**.810**	
		30		32			2		
191	9.389 441		9.402 900		0.597 100	9.986 541		809	
		30		32			2		
192	9.389 471		9.402 932		0.597 068	9.986 539		808	
		30		32			2		
193	9.389 501		9.402 964		0.597 036	9.986 537		807	
		30		32			2		
194	9.389 531		9.402 996		0.597 004	9.986 535		806	
		30		32			2		
195	9.389 561		9.403 028		0.596 972	9.986 533		805	
		30		32			2		
196	9.389 591		9.403 060		0.596 940	9.986 531		804	
		30		32			2		
197	9.389 621		9.403 092		0.596 908	9.986 529		803	
		30		32			2		
198	9.389 651		9.403 124		0.596 876	9.986 527		802	
		30		31			2		
199	9.389 681		9.403 155		0.596 845	9.986 525		801	
		30		32			2		
.200	9.389 711		9.403 187		0.596 813	9.986 523		**.800**	
	cos	d	cotg	d	tang	sin	d	**75°**	P.P.

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1	3.2
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3	9.6
4	12.8
5	16.0
6	19.2
7	22.4
8	25.6
9	28.8

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8	24.8
9	27.9

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1	3.0
2	6.0
3	9.0
4	12.0
5	15.0
6	18.0
7	21.0
8	24.0
9	27.0

75°.850 — 75°.800

14°.200 — 14°.250

14°	sin	d	tang	d	cotg	cos	d		P.P.
.200	9.389 711	30	9.403 187	32	0.596 813	9.986 523	2	**.800**	
201	9.389 741	30	9.403 219	32	0.596 781	9.986 521	2	799	
202	9.389 771	29	9.403 251	32	0.596 749	9.986 519	1	798	
203	9.389 800	30	9.403 283	32	0.596 717	9.986 518	2	797	
204	9.389 830	30	9.403 315	32	0.596 685	9.986 516	2	796	
205	9.389 860	30	9.403 347	31	0.596 653	9.986 514	2	795	
206	9.389 890	30	9.403 378	32	0.596 622	9.986 512	2	794	
207	9.389 920	30	9.403 410	32	0.596 590	9.986 510	2	793	
208	9.389 950	30	9.403 442	32	0.596 558	9.986 508	2	792	
209	9.389 980	30	9.403 474	32	0.596 526	9.986 506	2	791	
.210	9.390 010	30	9.403 506	32	0.596 494	9.986 504	2	**.790**	
211	9.390 040	30	9.403 538	32	0.596 462	9.986 502	2	789	
212	9.390 070	30	9.403 570	32	0.596 430	9.986 500	2	788	
213	9.390 100	30	9.403 601	31	0.596 399	9.986 498	2	787	
214	9.390 130	30	9.403 633	32	0.596 367	9.986 496	2	786	
215	9.390 160	30	9.403 665	32	0.596 335	9.986 495	1	785	
216	9.390 190	30	9.403 697	32	0.596 303	9.986 493	2	784	
217	9.390 220	30	9.403 729	32	0.596 271	9.986 491	2	783	
218	9.390 249	29	9.403 761	32	0.596 239	9.986 489	2	782	
219	9.390 279	30	9.403 793	32	0.596 207	9.986 487	2	781	
.220	9.390 309	30	9.403 824	31	0.596 176	9.986 485	2	**.780**	
221	9.390 339	30	9.403 856	32	0.596 144	9.986 483	2	779	
222	9.390 369	30	9.403 888	32	0.596 112	9.986 481	2	778	
223	9.390 399	30	9.403 920	32	0.596 080	9.986 479	2	777	
224	9.390 429	30	9.403 952	32	0.596 048	9.986 477	2	776	
225	9.390 459	30	9.403 983	31	0.596 017	9.986 475	2	775	
226	9.390 489	30	9.404 015	32	0.595 985	9.986 473	2	774	
227	9.390 519	30	9.404 047	32	0.595 953	9.986 471	2	773	
228	9.390 549	30	9.404 079	32	0.595 921	9.986 470	1	772	
229	9.390 578	29	9.404 111	32	0.595 889	9.986 468	2	771	
.230	9.390 608	30	9.404 143	32	0.595 857	9.986 466	2	**.770**	
231	9.390 638	30	9.404 174	31	0.595 826	9.986 464	2	769	
232	9.390 668	30	9.404 206	32	0.595 794	9.986 462	2	768	
233	9.390 698	30	9.404 238	32	0.595 762	9.986 460	2	767	
234	9.390 728	30	9.404 270	32	0.595 730	9.986 458	2	766	
235	9.390 758	30	9.404 302	32	0.595 698	9.986 456	2	765	
236	9.390 788	30	9.404 333	31	0.595 667	9.986 454	2	764	
237	9.390 817	29	9.404 365	32	0.595 635	9.986 452	2	763	
238	9.390 847	30	9.404 397	32	0.595 603	9.986 450	2	762	
239	9.390 877	30	9.404 429	32	0.595 571	9.986 448	2	761	
.240	9.390 907	30	9.404 461	32	0.595 539	9.986 446	2	**.760**	
241	9.390 937	30	9.404 492	31	0.595 508	9.986 445	1	759	
242	9.390 967	30	9.404 524	32	0.595 476	9.986 443	2	758	
243	9.390 997	30	9.404 556	32	0.595 444	9.986 441	2	757	
244	9.391 027	30	9.404 588	32	0.595 412	9.986 439	2	756	
245	9.391 056	29	9.404 620	32	0.595 380	9.986 437	2	755	
246	9.391 086	30	9.404 651	31	0.595 349	9.986 435	2	754	
247	9.391 116	30	9.404 683	32	0.595 317	9.986 433	2	753	
248	9.391 146	30	9.404 715	32	0.595 285	9.986 431	2	752	
249	9.391 176	30	9.404 747	32	0.595 253	9.986 429	2	751	
.250	9.391 206	30	9.404 778	31	0.595 222	9.986 427	2	**.750**	
	cos	d	cotg	d	tang	sin	d	**75°**	P.P.

	32
1	3.2
2	6.4
3	9.6
4	12.8
5	16.0
6	19.2
7	22.4
8	25.6
9	28.8

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1	3.1
2	6.2
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4	12.4
5	15.5
6	18.6
7	21.7
8	24.8
9	27.9

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1	3.0
2	6.0
3	9.0
4	12.0
5	15.0
6	18.0
7	21.0
8	24.0
9	27.0

	29
1	2.9
2	5.8
3	8.7
4	11.6
5	14.5
6	17.4
7	20.3
8	23.2
9	26.1

75°.800 — 75°.750

14°.250 — 14°.300

14°	sin	d	tang	d	cotg	cos	d		P.P.
.250	9.391 206	29	9.404 778	32	0.595 222	9.986 427	2	**.750**	
251	9.391 235	30	9.404 810	32	0.595 190	9.986 425	2	749	
252	9.391 265	30	9.404 842	32	0.595 158	9.986 423	2	748	
253	9.391 295	30	9.404 874	31	0.595 126	9.986 421	1	747	
254	9.391 325	30	9.404 905	32	0.595 095	9.986 420	2	746	
255	9.391 355	30	9.404 937	32	0.595 063	9.986 418	2	745	
256	9.391 385	30	9.404 969	32	0.595 031	9.986 416	2	744	
257	9.391 415	29	9.405 001	31	0.594 999	9.986 414	2	743	
258	9.391 444	30	9.405 032	32	0.594 968	9.986 412	2	742	
259	9.391 474	30	9.405 064	32	0.594 936	9.986 410	2	741	
.260	9.391 504	30	9.405 096	32	0.594 904	9.986 408	2	**.740**	
261	9.391 534	30	9.405 128	31	0.594 872	9.986 406	2	739	
262	9.391 564	30	9.405 159	32	0.594 841	9.986 404	2	738	
263	9.391 593	29	9.405 191	32	0.594 809	9.986 402	2	737	
264	9.391 623	30	9.405 223	32	0.594 777	9.986 400	2	736	
265	9.391 653	30	9.405 255	31	0.594 745	9.986 398	2	735	
266	9.391 683	30	9.405 286	32	0.594 714	9.986 396	1	734	
267	9.391 713	30	9.405 318	32	0.594 682	9.986 395	2	733	
268	9.391 743	29	9.405 350	32	0.594 650	9.986 393	2	732	
269	9.391 772	30	9.405 382	31	0.594 618	9.986 391	2	731	
.270	9.391 802	30	9.405 413	32	0.594 587	9.986 389	2	**.730**	
271	9.391 832	30	9.405 445	32	0.594 555	9.986 387	2	729	
272	9.391 862	30	9.405 477	32	0.594 523	9.986 385	2	728	
273	9.391 892	29	9.405 509	31	0.594 491	9.986 383	2	727	
274	9.391 921	30	9.405 540	32	0.594 460	9.986 381	2	726	
275	9.391 951	30	9.405 572	32	0.594 428	9.986 379	2	725	
276	9.391 981	30	9.405 604	31	0.594 396	9.986 377	2	724	
277	9.392 011	29	9.405 635	32	0.594 365	9.986 375	2	723	
278	9.392 040	30	9.405 667	32	0.594 333	9.986 373	2	722	
279	9.392 070	30	9.405 699	32	0.594 301	9.986 371	2	721	
.280	9.392 100	30	9.405 731	31	0.594 269	9.986 369	1	**.720**	
281	9.392 130	30	9.405 762	32	0.594 238	9.986 368	2	719	
282	9.392 160	29	9.405 794	32	0.594 206	9.986 366	2	718	
283	9.392 189	30	9.405 826	31	0.594 174	9.986 364	2	717	
284	9.392 219	30	9.405 857	32	0.594 143	9.986 362	2	716	
285	9.392 249	30	9.405 889	32	0.594 111	9.986 360	2	715	
286	9.392 279	29	9.405 921	32	0.594 079	9.986 358	2	714	
287	9.392 308	30	9.405 953	31	0.594 047	9.986 356	2	713	
288	9.392 338	30	9.405 984	32	0.594 016	9.986 354	2	712	
289	9.392 368	30	9.406 016	32	0.593 984	9.986 352	2	711	
.290	9.392 398	29	9.406 048	31	0.593 952	9.986 350	2	**.710**	
291	9.392 427	30	9.406 079	32	0.593 921	9.986 348	2	709	
292	9.392 457	30	9.406 111	32	0.593 889	9.986 346	2	708	
293	9.392 487	30	9.406 143	31	0.593 857	9.986 344	2	707	
294	9.392 517	30	9.406 174	32	0.593 826	9.986 342	2	706	
295	9.392 547	29	9.406 206	32	0.593 794	9.986 340	1	705	
296	9.392 576	30	9.406 238	31	0.593 762	9.986 339	2	704	
297	9.392 606	30	9.406 269	32	0.593 731	9.986 337	2	703	
298	9.392 636	29	9.406 301	32	0.593 699	9.986 335	2	702	
299	9.392 665	30	9.406 333	31	0.593 667	9.986 333	2	701	
.300	9.392 695		9.406 364		0.593 636	9.986 331		**.700**	
	cos	d	cotg	d	tang	sin	d	**75°**	P.P.

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6	18.6
7	21.7
8	24.8
9	27.9

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1	3.0
2	6.0
3	9.0
4	12.0
5	15.0
6	18.0
7	21.0
8	24.0
9	27.0

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1	2.9
2	5.8
3	8.7
4	11.6
5	14.5
6	17.4
7	20.3
8	23.2
9	26.1

75°.750 — 75°.700

14°.300 — 14°.350

14°	sin	d	tang	d	cotg	cos	d		P.P.
.300	9.392 695	30	9.406 364	32	0.593 636	9.986 331	2	**.700**	
301	9.392 725	30	9.406 396	32	0.593 604	9.986 329	2	699	
302	9.392 755	29	9.406 428	31	0.593 572	9.986 327	2	698	
303	9.392 784	30	9.406 459	32	0.593 541	9.986 325	2	697	
304	9.392 814	30	9.406 491	32	0.593 509	9.986 323	2	696	32
305	9.392 844	30	9.406 523	31	0.593 477	9.986 321	2	695	1 3.2
306	9.392 874	29	9.406 554	32	0.593 446	9.986 319	2	694	2 6.4
307	9.392 903	30	9.406 586	32	0.593 414	9.986 317	2	693	3 9.6
308	9.392 933	30	9.406 618	31	0.593 382	9.986 315	2	692	4 12.8
309	9.392 963	29	9.406 649	32	0.593 351	9.986 313	2	691	5 16.0
.310	9.392 992	30	9.406 681	32	0.593 319	9.986 311	1	**.690**	6 19.2
311	9.393 022	30	9.406 713	31	0.593 287	9.986 310	2	689	7 22.4
312	9.393 052	30	9.406 744	32	0.593 256	9.986 308	2	688	8 25.6
313	9.393 082	29	9.406 776	32	0.593 224	9.986 306	2	687	9 28.8
314	9.393 111	30	9.406 808	31	0.593 192	9.986 304	2	686	
315	9.393 141	30	9.406 839	32	0.593 161	9.986 302	2	685	31
316	9.393 171	29	9.406 871	31	0.593 129	9.986 300	2	684	1 3.1
317	9.393 200	30	9.406 902	32	0.593 098	9.986 298	2	683	2 6.2
318	9.393 230	30	9.406 934	32	0.593 066	9.986 296	2	682	3 9.3
319	9.393 260	30	9.406 966	31	0.593 034	9.986 294	2	681	4 12.4
.320	9.393 290	29	9.406 997	32	0.593 003	9.986 292	2	**.680**	5 15.5
321	9.393 319	30	9.407 029	32	0.592 971	9.986 290	2	679	6 18.6
322	9.393 349	30	9.407 061	31	0.592 939	9.986 288	2	678	7 21.7
323	9.393 379	29	9.407 092	32	0.592 908	9.986 286	2	677	8 24.8
324	9.393 408	30	9.407 124	31	0.592 876	9.986 284	2	676	9 27.9
325	9.393 438	30	9.407 155	32	0.592 845	9.986 282	1	675	
326	9.393 468	29	9.407 187	32	0.592 813	9.986 281	2	674	
327	9.393 497	30	9.407 219	31	0.592 781	9.986 279	2	673	30
328	9.393 527	30	9.407 250	32	0.592 750	9.986 277	2	672	1 3.0
329	9.393 557	29	9.407 282	32	0.592 718	9.986 275	2	671	2 6.0
.330	9.393 586	30	9.407 314	31	0.592 686	9.986 273	2	**.670**	3 9.0
331	9.393 616	30	9.407 345	32	0.592 655	9.986 271	2	669	4 12.0
332	9.393 646	29	9.407 377	31	0.592 623	9.986 269	2	668	5 15.0
333	9.393 675	30	9.407 408	32	0.592 592	9.986 267	2	667	6 18.0
334	9.393 705	30	9.407 440	32	0.592 560	9.986 265	2	666	7 21.0
335	9.393 735	29	9.407 472	31	0.592 528	9.986 263	2	665	8 24.0
336	9.393 764	30	9.407 503	32	0.592 497	9.986 261	2	664	9 27.0
337	9.393 794	30	9.407 535	31	0.592 465	9.986 259	2	663	
338	9.393 824	29	9.407 566	32	0.592 434	9.986 257	2	662	
339	9.393 853	30	9.407 598	32	0.592 402	9.986 255	2	661	29
.340	9.393 883	30	9.407 630	31	0.592 370	9.986 253	2	**.660**	1 2.9
341	9.393 913	29	9.407 661	32	0.592 339	9.986 251	1	659	2 5.8
342	9.393 942	30	9.407 693	31	0.592 307	9.986 250	2	658	3 8.7
343	9.393 972	30	9.407 724	32	0.592 276	9.986 248	2	657	4 11.6
344	9.394 002	29	9.407 756	31	0.592 244	9.986 246	2	656	5 14.5
345	9.394 031	30	9.407 787	32	0.592 213	9.986 244	2	655	6 17.4
346	9.394 061	29	9.407 819	32	0.592 181	9.986 242	2	654	7 20.3
347	9.394 090	30	9.407 851	31	0.592 149	9.986 240	2	653	8 23.2
348	9.394 120	30	9.407 882	32	0.592 118	9.986 238	2	652	9 26.1
349	9.394 150	29	9.407 914	31	0.592 086	9.986 236	2	651	
.350	9.394 179		9.407 945		0.592 055	9.986 234		**.650**	
	cos	d	cotg	d	tang	sin	d	**75°**	P.P.

75°.700 — 75°.650

14°.350 — 14°.400

14°	sin	d	tang	d	cotg	cos	d		P.P.
.350	9.394 179		9.407 945		0.592 055	9.986 234		**.650**	
		30		32			2		
351	9.394 209		9.407 977		0.592 023	9.986 232		649	
		30		31			2		
352	9.394 239		9.408 008		0.591 992	9.986 230		648	
		29		32			2		
353	9.394 268		9.408 040		0.591 960	9.986 228		647	
		30		32			2		
354	9.394 298		9.408 072		0.591 928	9.986 226		646	
		29		31			2		
355	9.394 327		9.408 103		0.591 897	9.986 224		645	
		30		32			2		
356	9.394 357		9.408 135		0.591 865	9.986 222		644	
		30		31			2		
357	9.394 387		9.408 166		0.591 834	9.986 220		643	
		29		32			1		
358	9.394 416		9.408 198		0.591 802	9.986 219		642	
		30		31			2		
359	9.394 446		9.408 229		0.591 771	9.986 217		641	
		30		32			2		
.360	9.394 476		9.408 261		0.591 739	9.986 215		**.640**	
		29		31			2		
361	9.394 505		9.408 292		0.591 708	9.986 213		639	
		30		32			2		
362	9.394 535		9.408 324		0.591 676	9.986 211		638	
		29		32			2		
363	9.394 564		9.408 356		0.591 644	9.986 209		637	
		30		31			2		
364	9.394 594		9.408 387		0.591 613	9.986 207		636	
		30		32			2		
365	9.394 624		9.408 419		0.591 581	9.986 205		635	
		29		31			2		
366	9.394 653		9.408 450		0.591 550	9.986 203		634	
		30		32			2		
367	9.394 683		9.408 482		0.591 518	9.986 201		633	
		29		31			2		
368	9.394 712		9.408 513		0.591 487	9.986 199		632	
		30		32			2		
369	9.394 742		9.408 545		0.591 455	9.986 197		631	
		30		31			2		
.370	9.394 772		9.408 576		0.591 424	9.986 195		**.630**	
		29		32			2		
371	9.394 801		9.408 608		0.591 392	9.986 193		629	
		30		31			2		
372	9.394 831		9.408 639		0.591 361	9.986 191		628	
		29		32			2		
373	9.394 860		9.408 671		0.591 329	9.986 189		627	
		30		31			2		
374	9.394 890		9.408 702		0.591 298	9.986 187		626	
		29		32			1		
375	9.394 919		9.408 734		0.591 266	9.986 186		625	
		30		31			2		
376	9.394 949		9.408 765		0.591 235	9.986 184		624	
		30		32			2		
377	9.394 979		9.408 797		0.591 203	9.986 182		623	
		29		31			2		
378	9.395 008		9.408 828		0.591 172	9.986 180		622	
		30		32			2		
379	9.395 038		9.408 860		0.591 140	9.986 178		621	
		29		31			2		
.380	9.395 067		9.408 891		0.591 109	9.986 176		**.620**	
		30		32			2		
381	9.395 097		9.408 923		0.591 077	9.986 174		619	
		29		31			2		
382	9.395 126		9.408 954		0.591 046	9.986 172		618	
		30		32			2		
383	9.395 156		9.408 986		0.591 014	9.986 170		617	
		30		31			2		
384	9.395 186		9.409 017		0.590 983	9.986 168		616	
		29		32			2		
385	9.395 215		9.409 049		0.590 951	9.986 166		615	
		30		31			2		
386	9.395 245		9.409 080		0.590 920	9.986 164		614	
		29		32			2		
387	9.395 274		9.409 112		0.590 888	9.986 162		613	
		30		31			2		
388	9.395 304		9.409 143		0.590 857	9.986 160		612	
		29		32			2		
389	9.395 333		9.409 175		0.590 825	9.986 158		611	
		30		31			2		
.390	9.395 363		9.409 206		0.590 794	9.986 156		**.610**	
		29		32			2		
391	9.395 392		9.409 238		0.590 762	9.986 154		609	
		30		31			2		
392	9.395 422		9.409 269		0.590 731	9.986 152		608	
		29		32			1		
393	9.395 451		9.409 301		0.590 699	9.986 151		607	
		30		31			2		
394	9.395 481		9.409 332		0.590 668	9.986 149		606	
		29		32			2		
395	9.395 510		9.409 364		0.590 636	9.986 147		605	
		30		31			2		
396	9.395 540		9.409 395		0.590 605	9.986 145		604	
		30		32			2		
397	9.395 570		9.409 427		0.590 573	9.986 143		603	
		29		31			2		
398	9.395 599		9.409 458		0.590 542	9.986 141		602	
		30		32			2		
399	9.395 629		9.409 490		0.590 510	9.986 139		601	
		29		31			2		
.400	9.395 658		9.409 521		0.590 479	9.986 137		**.600**	
	cos	d	cotg	d	tang	sin	d	**75°**	P.P.

	32
1	3.2
2	6.4
3	9.6
4	12.8
5	16.0
6	19.2
7	22.4
8	25.6
9	28.8

	31
1	3.1
2	6.2
3	9.3
4	12.4
5	15.5
6	18.6
7	21.7
8	24.8
9	27.9

	30
1	3.0
2	6.0
3	9.0
4	12.0
5	15.0
6	18.0
7	21.0
8	24.0
9	27.0

	29
1	2.9
2	5.8
3	8.7
4	11.6
5	14.5
6	17.4
7	20.3
8	23.2
9	26.1

75°.650 — 75°.600

14°.400 — 14°.450

14°	sin	d	tang	d	cotg	cos	d		P.P.
.400	9.395 658	30	9.409 521	32	0.590 479	9.986 137	2	.600	
401	9.395 688	29	9.409 553	31	0.590 447	9.986 135	2	599	
402	9.395 717	30	9.409 584	32	0.590 416	9.986 133	2	598	
403	9.395 747	29	9.409 616	31	0.590 384	9.986 131	2	597	
404	9.395 776	30	9.409 647	32	0.590 353	9.986 129	2	596	
405	9.395 806	29	9.409 679	31	0.590 321	9.986 127	2	595	
406	9.395 835	30	9.409 710	31	0.590 290	9.986 125	2	594	
407	9.395 865	29	9.409 741	32	0.590 259	9.986 123	2	593	
408	9.395 894	30	9.409 773	31	0.590 227	9.986 121	2	592	
409	9.395 924	29	9.409 804	32	0.590 196	9.986 119	2	591	
.410	9.395 953	30	9.409 836	31	0.590 164	9.986 117	2	.590	
411	9.395 983	29	9.409 867	32	0.590 133	9.986 115	1	589	
412	9.396 012	30	9.409 899	31	0.590 101	9.986 114	2	588	
413	9.396 042	29	9.409 930	32	0.590 070	9.986 112	2	587	
414	9.396 071	30	9.409 962	31	0.590 038	9.986 110	2	586	
415	9.396 101	29	9.409 993	31	0.590 007	9.986 108	2	585	
416	9.396 130	30	9.410 024	32	0.589 976	9.986 106	2	584	
417	9.396 160	29	9.410 056	31	0.589 944	9.986 104	2	583	
418	9.396 189	30	9.410 087	32	0.589 913	9.986 102	2	582	
419	9.396 219	29	9.410 119	31	0.589 881	9.986 100	2	581	
.420	9.396 248	30	9.410 150	32	0.589 850	9.986 098	2	.580	
421	9.396 278	29	9.410 182	31	0.589 818	9.986 096	2	579	
422	9.396 307	30	9.410 213	31	0.589 787	9.986 094	2	578	
423	9.396 337	29	9.410 244	32	0.589 756	9.986 092	2	577	
424	9.396 366	29	9.410 276	31	0.589 724	9.986 090	2	576	
425	9.396 395	30	9.410 307	32	0.589 693	9.986 088	2	575	
426	9.396 425	29	9.410 339	31	0.589 661	9.986 086	2	574	
427	9.396 454	30	9.410 370	32	0.589 630	9.986 084	2	573	
428	9.396 484	29	9.410 402	31	0.589 598	9.986 082	2	572	
429	9.396 513	30	9.410 433	31	0.589 567	9.986 080	2	571	
.430	9.396 543	29	9.410 464	32	0.589 536	9.986 078	1	.570	
431	9.396 572	30	9.410 496	31	0.589 504	9.986 077	2	569	
432	9.396 602	29	9.410 527	32	0.589 473	9.986 075	2	568	
433	9.396 631	30	9.410 559	31	0.589 441	9.986 073	2	567	
434	9.396 661	29	9.410 590	31	0.589 410	9.986 071	2	566	
435	9.396 690	30	9.410 621	32	0.589 379	9.986 069	2	565	
436	9.396 720	29	9.410 653	31	0.589 347	9.986 067	2	564	
437	9.396 749	29	9.410 684	32	0.589 316	9.986 065	2	563	
438	9.396 778	30	9.410 716	31	0.589 284	9.986 063	2	562	
439	9.396 808	29	9.410 747	31	0.589 253	9.986 061	2	561	
.440	9.396 837	30	9.410 778	32	0.589 222	9.986 059	2	.560	
441	9.396 867	29	9.410 810	31	0.589 190	9.986 057	2	559	
442	9.396 896	30	9.410 841	31	0.589 159	9.986 055	2	558	
443	9.396 926	29	9.410 872	32	0.589 128	9.986 053	2	557	
444	9.396 955	29	9.410 904	31	0.589 096	9.986 051	2	556	
445	9.396 984	30	9.410 935	32	0.589 065	9.986 049	2	555	
446	9.397 014	29	9.410 967	31	0.589 033	9.986 047	2	554	
447	9.397 043	30	9.410 998	31	0.589 002	9.986 045	2	553	
448	9.397 073	29	9.411 029	32	0.588 971	9.986 043	2	552	
449	9.397 102	30	9.411 061	31	0.588 939	9.986 041	2	551	
.450	9.397 132		9.411 092		0.588 908	9.986 039		.550	
	cos	d	cotg	d	tang	sin	d	75°	P.P.

	32
1	3.2
2	6.4
3	9.6
4	12.8
5	16.0
6	19.2
7	22.4
8	25.6
9	28.8

	31
1	3.1
2	6.2
3	9.3
4	12.4
5	15.5
6	18.6
7	21.7
8	24.8
9	27.9

	30
1	3.0
2	6.0
3	9.0
4	12.0
5	15.0
6	18.0
7	21.0
8	24.0
9	27.0

	29
1	2.9
2	5.8
3	8.7
4	11.6
5	14.5
6	17.4
7	20.3
8	23.2
9	26.1

75°.600 — 75°.550

14°.450 — 14°.500

14°	sin	d	tang	d	cotg	cos	d		P.P.
.450	9.397 132		9.411 092		0.588 908	9.986 039		**.550**	
		29		31			2		
451	9.397 161		9.411 123		0.588 877	9.986 037		549	
		29		32			1		
452	9.397 190		9.411 155		0.588 845	9.986 036		548	
		30		31			2		
453	9.397 220		9.411 186		0.588 814	9.986 034		547	
		29		32			2		
454	9.397 249		9.411 218		0.588 782	9.986 032		546	
		30		31			2		
455	9.397 279		9.411 249		0.588 751	9.986 030		545	
		29		31			2		
456	9.397 308		9.411 280		0.588 720	9.986 028		544	
		29		32			2		
457	9.397 337		9.411 312		0.588 688	9.986 026		543	
		30		31			2		
458	9.397 367		9.411 343		0.588 657	9.986 024		542	
		29		31			2		
459	9.397 396		9.411 374		0.588 626	9.986 022		541	
		30		32			2		
.460	9.397 426		9.411 406		0.588 594	9.986 020		**.540**	
		29		31			2		
461	9.397 455		9.411 437		0.588 563	9.986 018		539	
		29		31			2		
462	9.397 484		9.411 468		0.588 532	9.986 016		538	
		30		32			2		
463	9.397 514		9.411 500		0.588 500	9.986 014		537	
		29		31			2		
464	9.397 543		9.411 531		0.588 469	9.986 012		536	
		30		31			2		
465	9.397 573		9.411 562		0.588 438	9.986 010		535	
		29		32			2		
466	9.397 602		9.411 594		0.588 406	9.986 008		534	
		29		31			2		
467	9.397 631		9.411 625		0.588 375	9.986 006		533	
		30		31			2		
468	9.397 661		9.411 656		0.588 344	9.986 004		532	
		29		32			2		
469	9.397 690		9.411 688		0.588 312	9.986 002		531	
		29		31			2		
.470	9.397 719		9.411 719		0.588 281	9.986 000		**.530**	
		30		31			2		
471	9.397 749		9.411 750		0.588 250	9.985 998		529	
		29		32			2		
472	9.397 778		9.411 782		0.588 218	9.985 996		528	
		30		31			2		
473	9.397 808		9.411 813		0.588 187	9.985 994		527	
		29		31			1		
474	9.397 837		9.411 844		0.588 156	9.985 993		526	
		29		32			2		
475	9.397 866		9.411 876		0.588 124	9.985 991		525	
		30		31			2		
476	9.397 896		9.411 907		0.588 093	9.985 989		524	
		29		31			2		
477	9.397 925		9.411 938		0.588 062	9.985 987		523	
		29		32			2		
478	9.397 954		9.411 970		0.588 030	9.985 985		522	
		30		31			2		
479	9.397 984		9.412 001		0.587 999	9.985 983		521	
		29		31			2		
.480	9.398 013		9.412 032		0.587 968	9.985 981		**.520**	
		29		32			2		
481	9.398 042		9.412 064		0.587 936	9.985 979		519	
		30		31			2		
482	9.398 072		9.412 095		0.587 905	9.985 977		518	
		29		31			2		
483	9.398 101		9.412 126		0.587 874	9.985 975		517	
		29		31			2		
484	9.398 130		9.412 157		0.587 843	9.985 973		516	
		30		32			2		
485	9.398 160		9.412 189		0.587 811	9.985 971		515	
		29		31			2		
486	9.398 189		9.412 220		0.587 780	9.985 969		514	
		29		31			2		
487	9.398 218		9.412 251		0.587 749	9.985 967		513	
		30		32			2		
488	9.398 248		9.412 283		0.587 717	9.985 965		512	
		29		31			2		
489	9.398 277		9.412 314		0.587 686	9.985 963		511	
		29		31			2		
.490	9.398 306		9.412 345		0.587 655	9.985 961		**.510**	
		30		32			2		
491	9.398 336		9.412 377		0.587 623	9.985 959		509	
		29		31			2		
492	9.398 365		9.412 408		0.587 592	9.985 957		508	
		29		31			2		
493	9.398 394		9.412 439		0.587 561	9.985 955		507	
		30		31			2		
494	9.398 424		9.412 470		0.587 530	9.985 953		506	
		29		32			2		
495	9.398 453		9.412 502		0.587 498	9.985 951		505	
		29		31			2		
496	9.398 482		9.412 533		0.587 467	9.985 949		504	
		30		31			2		
497	9.398 512		9.412 564		0.587 436	9.985 947		503	
		29		32			1		
498	9.398 541		9.412 596		0.587 404	9.985 946		502	
		29		31			2		
499	9.398 570		9.412 627		0.587 373	9.985 944		501	
		30		31			2		
.500	9.398 600		9.412 658		0.587 342	9.985 942		**.500**	
	cos	d	cotg	d	tang	sin	d	**75°**	P.P.

	32
1	3.2
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4	12.8
5	16.0
6	19.2
7	22.4
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9	28.8

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5	15.5
6	18.6
7	21.7
8	24.8
9	27.9

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1	3.0
2	6.0
3	9.0
4	12.0
5	15.0
6	18.0
7	21.0
8	24.0
9	27.0

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1	2.9
2	5.8
3	8.7
4	11.6
5	14.5
6	17.4
7	20.3
8	23.2
9	26.1

75°.550 — 75°.500

14°.500 — 14°.550

14°	sin	d	tang	d	cotg	cos	d		P.P.
.500	9.398 600	29	9.412 658	31	0.587 342	9.985 942	2	.500	
501	9.398 629	29	9.412 689	32	0.587 311	9.985 940	2	499	
502	9.398 658	30	9.412 721	31	0.587 279	9.985 938	2	498	
503	9.398 688	29	9.412 752	31	0.587 248	9.985 936	2	497	
504	9.398 717	29	9.412 783	31	0.587 217	9.985 934	2	496	
505	9.398 746	29	9.412 814	32	0.587 186	9.985 932	2	495	
506	9.398 775	30	9.412 846	31	0.587 154	9.985 930	2	494	
507	9.398 805	29	9.412 877	31	0.587 123	9.985 928	2	493	
508	9.398 834	29	9.412 908	31	0.587 092	9.985 926	2	492	
509	9.398 863	30	9.412 939	32	0.587 061	9.985 924	2	491	
.510	9.398 893	29	9.412 971	31	0.587 029	9.985 922	2	.490	
511	9.398 922	29	9.413 002	31	0.586 998	9.985 920	2	489	
512	9.398 951	29	9.413 033	31	0.586 967	9.985 918	2	488	
513	9.398 980	30	9.413 064	32	0.586 936	9.985 916	2	487	
514	9.399 010	29	9.413 096	31	0.586 904	9.985 914	2	486	
515	9.399 039	29	9.413 127	31	0.586 873	9.985 912	2	485	
516	9.399 068	30	9.413 158	31	0.586 842	9.985 910	2	484	
517	9.399 098	29	9.413 189	32	0.586 811	9.985 908	2	483	
518	9.399 127	29	9.413 221	31	0.586 779	9.985 906	2	482	
519	9.399 156	29	9.413 252	31	0.586 748	9.985 904	2	481	
.520	9.399 185	30	9.413 283	31	0.586 717	9.985 902	2	.480	
521	9.399 215	29	9.413 314	32	0.586 686	9.985 900	2	479	
522	9.399 244	29	9.413 346	31	0.586 654	9.985 898	2	478	
523	9.399 273	29	9.413 377	31	0.586 623	9.985 896	1	477	
524	9.399 302	30	9.413 408	31	0.586 592	9.985 895	2	476	
525	9.399 332	29	9.413 439	31	0.586 561	9.985 893	2	475	
526	9.399 361	29	9.413 470	32	0.586 530	9.985 891	2	474	
527	9.399 390	29	9.413 502	31	0.586 498	9.985 889	2	473	
528	9.399 419	30	9.413 533	31	0.586 467	9.985 887	2	472	
529	9.399 449	29	9.413 564	31	0.586 436	9.985 885	2	471	
.530	9.399 478	29	9.413 595	31	0.586 405	9.985 883	2	.470	
531	9.399 507	29	9.413 626	32	0.586 374	9.985 881	2	469	
532	9.399 536	30	9.413 658	31	0.586 342	9.985 879	2	468	
533	9.399 566	29	9.413 689	31	0.586 311	9.985 877	2	467	
534	9.399 595	29	9.413 720	31	0.586 280	9.985 875	2	466	
535	9.399 624	29	9.413 751	31	0.586 249	9.985 873	2	465	
536	9.399 653	30	9.413 782	32	0.586 218	9.985 871	2	464	
537	9.399 683	29	9.413 814	31	0.586 186	9.985 869	2	463	
538	9.399 712	29	9.413 845	31	0.586 155	9.985 867	2	462	
539	9.399 741	29	9.413 876	31	0.586 124	9.985 865	2	461	
.540	9.399 770	30	9.413 907	31	0.586 093	9.985 863	2	.460	
541	9.399 800	29	9.413 938	32	0.586 062	9.985 861	2	459	
542	9.399 829	29	9.413 970	31	0.586 030	9.985 859	2	458	
543	9.399 858	29	9.414 001	31	0.585 999	9.985 857	2	457	
544	9.399 887	29	9.414 032	31	0.585 968	9.985 855	2	456	
545	9.399 916	30	9.414 063	31	0.585 937	9.985 853	2	455	
546	9.399 946	29	9.414 094	32	0.585 906	9.985 851	2	454	
547	9.399 975	29	9.414 126	31	0.585 874	9.985 849	2	453	
548	9.400 004	29	9.414 157	31	0.585 843	9.985 847	2	452	
549	9.400 033	29	9.414 188	31	0.585 812	9.985 845	2	451	
.550	9.400 062		9.414 219		0.585 781	9.985 843		.450	
	cos	d	cotg	d	tang	sin	d	75°	P.P.

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2	6.0
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9	27.0

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3	8.7
4	11.6
5	14.5
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7	20.3
8	23.2
9	26.1

75°.500 — 75°.450

14°.550 — 14°.600

14°	sin	d	tang	d	cotg	cos	d		P.P.
.550	9.400 062		9.414 219		0.585 781	9.985 843		**.450**	
		30		31			2		
551	9.400 092		9.414 250		0.585 750	9.985 841		449	
		29		31			2		
552	9.400 121		9.414 281		0.585 719	9.985 839		448	
		29		32			2		
553	9.400 150		9.414 313		0.585 687	9.985 837		447	
		29		31			1		
554	9.400 179		9.414 344		0.585 656	9.985 836		446	
		29		31			2		
555	9.400 208		9.414 375		0.585 625	9.985 834		445	
		30		31			2		
556	9.400 238		9.414 406		0.585 594	9.985 832		444	
		29		31			2		
557	9.400 267		9.414 437		0.585 563	9.985 830		443	
		29		31			2		
558	9.400 296		9.414 468		0.585 532	9.985 828		442	
		29		32			2		
559	9.400 325		9.414 500		0.585 500	9.985 826		441	
		29		31			2		
.560	9.400 354		9.414 531		0.585 469	9.985 824		**.440**	
		30		31			2		
561	9.400 384		9.414 562		0.585 438	9.985 822		439	
		29		31			2		
562	9.400 413		9.414 593		0.585 407	9.985 820		438	
		29		31			2		
563	9.400 442		9.414 624		0.585 376	9.985 818		437	
		29		31			2		
564	9.400 471		9.414 655		0.585 345	9.985 816		436	
		29		31			2		
565	9.400 500		9.414 686		0.585 314	9.985 814		435	
		29		32			2		
566	9.400 529		9.414 718		0.585 282	9.985 812		434	
		30		31			2		
567	9.400 559		9.414 749		0.585 251	9.985 810		433	
		29		31			2		
568	9.400 588		9.414 780		0.585 220	9.985 808		432	
		29		31			2		
569	9.400 617		9.414 811		0.585 189	9.985 806		431	
		29		31			2		
.570	9.400 646		9.414 842		0.585 158	9.985 804		**.430**	
		29		31			2		
571	9.400 675		9.414 873		0.585 127	9.985 802		429	
		29		31			2		
572	9.400 704		9.414 904		0.585 096	9.985 800		428	
		30		31			2		
573	9.400 734		9.414 935		0.585 065	9.985 798		427	
		29		32			2		
574	9.400 763		9.414 967		0.585 033	9.985 796		426	
		29		31			2		
575	9.400 792		9.414 998		0.585 002	9.985 794		425	
		29		31			2		
576	9.400 821		9.415 029		0.584 971	9.985 792		424	
		29		31			2		
577	9.400 850		9.415 060		0.584 940	9.985 790		423	
		29		31			2		
578	9.400 879		9.415 091		0.584 909	9.985 788		422	
		30		31			2		
579	9.400 909		9.415 122		0.584 878	9.985 786		421	
		29		31			2		
.580	9.400 938		9.415 153		0.584 847	9.985 784		**.420**	
		29		31			2		
581	9.400 967		9.415 184		0.584 816	9.985 782		419	
		29		32			2		
582	9.400 996		9.415 216		0.584 784	9.985 780		418	
		29		31			2		
583	9.401 025		9.415 247		0.584 753	9.985 778		417	
		29		31			2		
584	9.401 054		9.415 278		0.584 722	9.985 776		416	
		29		31			2		
585	9.401 083		9.415 309		0.584 691	9.985 774		415	
		29		31			2		
586	9.401 112		9.415 340		0.584 660	9.985 772		414	
		30		31			1		
587	9.401 142		9.415 371		0.584 629	9.985 771		413	
		29		31			2		
588	9.401 171		9.415 402		0.584 598	9.985 769		412	
		29		31			2		
589	9.401 200		9.415 433		0.584 567	9.985 767		411	
		29		31			2		
.590	9.401 229		9.415 464		0.584 536	9.985 765		**.410**	
		29		31			2		
591	9.401 258		9.415 495		0.584 505	9.985 763		409	
		29		32			2		
592	9.401 287		9.415 527		0.584 473	9.985 761		408	
		29		31			2		
593	9.401 316		9.415 558		0.584 442	9.985 759		407	
		29		31			2		
594	9.401 345		9.415 589		0.584 411	9.985 757		406	
		30		31			2		
595	9.401 375		9.415 620		0.584 380	9.985 755		405	
		29		31			2		
596	9.401 404		9.415 651		0.584 349	9.985 753		404	
		29		31			2		
597	9.401 433		9.415 682		0.584 318	9.985 751		403	
		29		31			2		
598	9.401 462		9.415 713		0.584 287	9.985 749		402	
		29		31			2		
599	9.401 491		9.415 744		0.584 256	9.985 747		401	
		29		31			2		
.600	9.401 520		9.415 775		0.584 225	9.985 745		**.400**	
	cos	d	cotg	d	tang	sin	d	**75°**	P.P.

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1	3.2
2	6.4
3	9.6
4	12.8
5	16.0
6	19.2
7	22.4
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3	9.0
4	12.0
5	15.0
6	18.0
7	21.0
8	24.0
9	27.0

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1	2.9
2	5.8
3	8.7
4	11.6
5	14.5
6	17.4
7	20.3
8	23.2
9	26.1

75°.450 — 75°.400

14°.600 — 14°.650

14°	sin	d	tang	d	cotg	cos	d		P.P.
.600	9.401 520	29	9.415 775	31	0.584 225	9.985 745	2	**.400**	
601	9.401 549	29	9.415 806	31	0.584 194	9.985 743	2	399	
602	9.401 578	29	9.415 837	31	0.584 163	9.985 741	2	398	
603	9.401 607	29	9.415 868	31	0.584 132	9.985 739	2	397	
604	9.401 636	30	9.415 899	32	0.584 101	9.985 737	2	396	
605	9.401 666	29	9.415 931	31	0.584 069	9.985 735	2	395	
606	9.401 695	29	9.415 962	31	0.584 038	9.985 733	2	394	
607	9.401 724	29	9.415 993	31	0.584 007	9.985 731	2	393	
608	9.401 753	29	9.416 024	31	0.583 976	9.985 729	2	392	
609	9.401 782	29	9.416 055	31	0.583 945	9.985 727	2	391	
.610	9.401 811	29	9.416 086	31	0.583 914	9.985 725	2	**.390**	
611	9.401 840	29	9.416 117	31	0.583 883	9.985 723	2	389	
612	9.401 869	29	9.416 148	31	0.583 852	9.985 721	2	388	
613	9.401 898	29	9.416 179	31	0.583 821	9.985 719	2	387	
614	9.401 927	29	9.416 210	31	0.583 790	9.985 717	2	386	
615	9.401 956	29	9.416 241	31	0.583 759	9.985 715	2	385	
616	9.401 985	29	9.416 272	31	0.583 728	9.985 713	2	384	
617	9.402 014	29	9.416 303	31	0.583 697	9.985 711	2	383	
618	9.402 044	30	9.416 334	31	0.583 666	9.985 709	2	382	
619	9.402 073	29	9.416 365	31	0.583 635	9.985 707	2	381	
.620	9.402 102	29	9.416 396	31	0.583 604	9.985 705	2	**.380**	
621	9.402 131	29	9.416 427	31	0.583 573	9.985 703	2	379	
622	9.402 160	29	9.416 458	31	0.583 542	9.985 701	2	378	
623	9.402 189	29	9.416 489	31	0.583 511	9.985 699	2	377	
624	9.402 218	29	9.416 520	31	0.583 480	9.985 697	2	376	
625	9.402 247	29	9.416 551	31	0.583 449	9.985 695	2	375	
626	9.402 276	29	9.416 582	31	0.583 418	9.985 693	2	374	
627	9.402 305	29	9.416 613	31	0.583 387	9.985 691	2	373	
628	9.402 334	29	9.416 645	32	0.583 355	9.985 690	1	372	
629	9.402 363	29	9.416 676	31	0.583 324	9.985 688	2	371	
.630	9.402 392	29	9.416 707	31	0.583 293	9.985 686	2	**.370**	
631	9.402 421	29	9.416 738	31	0.583 262	9.985 684	2	369	
632	9.402 450	29	9.416 769	31	0.583 231	9.985 682	2	368	
633	9.402 479	29	9.416 800	31	0.583 200	9.985 680	2	367	
634	9.402 508	29	9.416 831	31	0.583 169	9.985 678	2	366	
635	9.402 537	29	9.416 862	31	0.583 138	9.985 676	2	365	
636	9.402 566	29	9.416 893	31	0.583 107	9.985 674	2	364	
637	9.402 595	29	9.416 924	31	0.583 076	9.985 672	2	363	
638	9.402 624	29	9.416 955	31	0.583 045	9.985 670	2	362	
639	9.402 653	29	9.416 986	31	0.583 014	9.985 668	2	361	
.640	9.402 682	29	9.417 017	31	0.582 983	9.985 666	2	**.360**	
641	9.402 711	29	9.417 048	31	0.582 952	9.985 664	2	359	
642	9.402 740	29	9.417 079	31	0.582 921	9.985 662	2	358	
643	9.402 769	29	9.417 110	31	0.582 890	9.985 660	2	357	
644	9.402 798	29	9.417 141	31	0.582 859	9.985 658	2	356	
645	9.402 827	29	9.417 172	31	0.582 828	9.985 656	2	355	
646	9.402 856	29	9.417 203	31	0.582 797	9.985 654	2	354	
647	9.402 885	29	9.417 234	31	0.582 766	9.985 652	2	353	
648	9.402 914	29	9.417 265	31	0.582 735	9.985 650	2	352	
649	9.402 943	29	9.417 295	30	0.582 705	9.985 648	2	351	
.650	9.402 972	29	9.417 326	31	0.582 674	9.985 646	2	**.350**	
	cos	d	cotg	d	tang	sin	d	**75°**	P.P.

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8	23.2
9	26.1

75°.400 — 75°.350

14°.650 — 14°.700

14°	sin	d	tang	d	cotg	cos	d		P.P.
.650	9.402 972	29	9.417 326	31	0.582 674	9.985 646	2	.350	
651	9.403 001	29	9.417 357	31	0.582 643	9.985 644	2	349	
652	9.403 030	29	9.417 388	31	0.582 612	9.985 642	2	348	
653	9.403 059	29	9.417 419	31	0.582 581	9.985 640	2	347	
654	9.403 088	29	9.417 450	31	0.582 550	9.985 638	2	346	
655	9.403 117	29	9.417 481	31	0.582 519	9.985 636	2	345	
656	9.403 146	29	9.417 512	31	0.582 488	9.985 634	2	344	
657	9.403 175	29	9.417 543	31	0.582 457	9.985 632	2	343	
658	9.403 204	29	9.417 574	31	0.582 426	9.985 630	2	342	
659	9.403 233	29	9.417 605	31	0.582 395	9.985 628	2	341	
.660	9.403 262	29	9.417 636	31	0.582 364	9.985 626	2	.340	
661	9.403 291	29	9.417 667	31	0.582 333	9.985 624	2	339	
662	9.403 320	29	9.417 698	31	0.582 302	9.985 622	2	338	
663	9.403 349	29	9.417 729	31	0.582 271	9.985 620	2	337	
664	9.403 378	29	9.417 760	31	0.582 240	9.985 618	2	336	
665	9.403 407	29	9.417 791	31	0.582 209	9.985 616	2	335	
666	9.403 436	29	9.417 822	31	0.582 178	9.985 614	2	334	
667	9.403 465	29	9.417 853	31	0.582 147	9.985 612	2	333	
668	9.403 494	29	9.417 884	31	0.582 116	9.985 610	2	332	
669	9.403 523	29	9.417 915	31	0.582 085	9.985 608	2	331	
.670	9.403 552	29	9.417 946	31	0.582 054	9.985 606	2	.330	
671	9.403 581	29	9.417 977	31	0.582 023	9.985 604	2	329	
672	9.403 610	29	9.418 008	31	0.581 992	9.985 602	2	328	
673	9.403 639	29	9.418 038	30	0.581 962	9.985 600	2	327	
674	9.403 668	29	9.418 069	31	0.581 931	9.985 598	2	326	
675	9.403 697	29	9.418 100	31	0.581 900	9.985 596	2	325	
676	9.403 726	29	9.418 131	31	0.581 869	9.985 594	2	324	
677	9.403 755	29	9.418 162	31	0.581 838	9.985 592	2	323	
678	9.403 784	29	9.418 193	31	0.581 807	9.985 590	2	322	
679	9.403 812	28	9.418 224	31	0.581 776	9.985 588	2	321	
.680	9.403 841	29	9.418 255	31	0.581 745	9.985 586	2	.320	
681	9.403 870	29	9.418 286	31	0.581 714	9.985 584	2	319	
682	9.403 899	29	9.418 317	31	0.581 683	9.985 582	2	318	
683	9.403 928	29	9.418 348	31	0.581 652	9.985 580	2	317	
684	9.403 957	29	9.418 379	31	0.581 621	9.985 579	1	316	
685	9.403 986	29	9.418 410	31	0.581 590	9.985 577	2	315	
686	9.404 015	29	9.418 440	30	0.581 560	9.985 575	2	314	
687	9.404 044	29	9.418 471	31	0.581 529	9.985 573	2	313	
688	9.404 073	29	9.418 502	31	0.581 498	9.985 571	2	312	
689	9.404 102	29	9.418 533	31	0.581 467	9.985 569	2	311	
.690	9.404 131	29	9.418 564	31	0.581 436	9.985 567	2	.310	
691	9.404 160	29	9.418 595	31	0.581 405	9.985 565	2	309	
692	9.404 188	28	9.418 626	31	0.581 374	9.985 563	2	308	
693	9.404 217	29	9.418 657	31	0.581 343	9.985 561	2	307	
694	9.404 246	29	9.418 688	31	0.581 312	9.985 559	2	306	
695	9.404 275	29	9.418 719	31	0.581 281	9.985 557	2	305	
696	9.404 304	29	9.418 749	30	0.581 251	9.985 555	2	304	
697	9.404 333	29	9.418 780	31	0.581 220	9.985 553	2	303	
698	9.404 362	29	9.418 811	31	0.581 189	9.985 551	2	302	
699	9.404 391	29	9.418 842	31	0.581 158	9.985 549	2	301	
.700	9.404 420	29	9.418 873	31	0.581 127	9.985 547	2	.300	
	cos	d	cotg	d	tang	sin	d	75°	P.P.

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1	3.1
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4	12.4
5	15.5
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9	27.9

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1	3.0
2	6.0
3	9.0
4	12.0
5	15.0
6	18.0
7	21.0
8	24.0
9	27.0

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1	2.9
2	5.8
3	8.7
4	11.6
5	14.5
6	17.4
7	20.3
8	23.2
9	26.1

	28
1	2.8
2	5.6
3	8.4
4	11.2
5	14.0
6	16.8
7	19.6
8	22.4
9	25.2

75°.350 — 75°.300

14°.700 — 14°.750

14°	sin	d	tang	d	cotg	cos	d		P.P.
.700	9.404 420	29	9.418 873	31	0.581 127	9.985 547	2	.300	
701	9.404 449	28	9.418 904	31	0.581 096	9.985 545	2	299	
702	9.404 477	29	9.418 935	31	0.581 065	9.985 543	2	298	
703	9.404 506	29	9.418 966	30	0.581 034	9.985 541	2	297	
704	9.404 535	29	9.418 996	31	0.581 004	9.985 539	2	296	
705	9.404 564	29	9.419 027	31	0.580 973	9.985 537	2	295	
706	9.404 593	29	9.419 058	31	0.580 942	9.985 535	2	294	
707	9.404 622	29	9.419 089	31	0.580 911	9.985 533	2	293	
708	9.404 651	29	9.419 120	31	0.580 880	9.985 531	2	292	
709	9.404 680	29	9.419 151	31	0.580 849	9.985 529	2	291	
.710	9.404 708	28	9.419 182	31	0.580 818	9.985 527	2	.290	
711	9.404 737	29	9.419 213	30	0.580 787	9.985 525	2	289	
712	9.404 766	29	9.419 243	31	0.580 757	9.985 523	2	288	
713	9.404 795	29	9.419 274	31	0.580 726	9.985 521	2	287	
714	9.404 824	29	9.419 305	31	0.580 695	9.985 519	2	286	
715	9.404 853	29	9.419 336	31	0.580 664	9.985 517	2	285	
716	9.404 882	29	9.419 367	31	0.580 633	9.985 515	2	284	
717	9.404 911	29	9.419 398	30	0.580 602	9.985 513	2	283	
718	9.404 939	28	9.419 428	31	0.580 572	9.985 511	2	282	
719	9.404 968	29	9.419 459	31	0.580 541	9.985 509	2	281	
.720	9.404 997	29	9.419 490	31	0.580 510	9.985 507	2	.280	
721	9.405 026	29	9.419 521	31	0.580 479	9.985 505	2	279	
722	9.405 055	29	9.419 552	31	0.580 448	9.985 503	2	278	
723	9.405 084	29	9.419 583	31	0.580 417	9.985 501	2	277	
724	9.405 112	28	9.419 614	30	0.580 386	9.985 499	2	276	
725	9.405 141	29	9.419 644	31	0.580 356	9.985 497	2	275	
726	9.405 170	29	9.419 675	31	0.580 325	9.985 495	2	274	
727	9.405 199	29	9.419 706	31	0.580 294	9.985 493	2	273	
728	9.405 228	29	9.419 737	31	0.580 263	9.985 491	2	272	
729	9.405 257	29	9.419 768	31	0.580 232	9.985 489	2	271	
.730	9.405 286	29	9.419 799	30	0.580 201	9.985 487	2	.270	
731	9.405 314	28	9.419 829	31	0.580 171	9.985 485	2	269	
732	9.405 343	29	9.419 860	31	0.580 140	9.985 483	2	268	
733	9.405 372	29	9.419 891	31	0.580 109	9.985 481	2	267	
734	9.405 401	29	9.419 922	31	0.580 078	9.985 479	2	266	
735	9.405 430	29	9.419 953	30	0.580 047	9.985 477	2	265	
736	9.405 458	28	9.419 983	31	0.580 017	9.985 475	2	264	
737	9.405 487	29	9.420 014	31	0.579 986	9.985 473	2	263	
738	9.405 516	29	9.420 045	31	0.579 955	9.985 471	2	262	
739	9.405 545	29	9.420 076	31	0.579 924	9.985 469	2	261	
.740	9.405 574	29	9.420 107	30	0.579 893	9.985 467	2	.260	
741	9.405 603	29	9.420 137	31	0.579 863	9.985 465	2	259	
742	9.405 631	28	9.420 168	31	0.579 832	9.985 463	2	258	
743	9.405 660	29	9.420 199	31	0.579 801	9.985 461	2	257	
744	9.405 689	29	9.420 230	31	0.579 770	9.985 459	2	256	
745	9.405 718	29	9.420 261	30	0.579 739	9.985 457	2	255	
746	9.405 747	29	9.420 291	31	0.579 709	9.985 455	2	254	
747	9.405 775	28	9.420 322	31	0.579 678	9.985 453	2	253	
748	9.405 804	29	9.420 353	31	0.579 647	9.985 451	2	252	
749	9.405 833	29	9.420 384	31	0.579 616	9.985 449	2	251	
.750	9.405 862	29	9.420 415	31	0.579 585	9.985 447	2	.250	
	cos	d	cotg	d	tang	sin	d	75°	P.P.

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9	27.0

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5	14.5
6	17.4
7	20.3
8	23.2
9	26.1

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1	2.8
2	5.6
3	8.4
4	11.2
5	14.0
6	16.8
7	19.6
8	22.4
9	25.2

75°.300 — 75°.250

14°.750 — 14°.800

14°	sin	d	tang	d	cotg	cos	d		P.P.
.750	9.405 862	29	9.420 415	30	0.579 585	9.985 447	2	**.250**	
751	9.405 891	28	9.420 445	31	0.579 555	9.985 445	2	249	
752	9.405 919	29	9.420 476	31	0.579 524	9.985 443	2	248	
753	9.405 948	29	9.420 507	31	0.579 493	9.985 441	2	247	
754	9.405 977	29	9.420 538	31	0.579 462	9.985 439	2	246	
755	9.406 006	28	9.420 569	30	0.579 431	9.985 437	2	245	
756	9.406 034	29	9.420 599	31	0.579 401	9.985 435	2	244	
757	9.406 063	29	9.420 630	31	0.579 370	9.985 433	2	243	
758	9.406 092	29	9.420 661	31	0.579 339	9.985 431	2	242	
759	9.406 121	29	9.420 692	30	0.579 308	9.985 429	2	241	
.760	9.406 150	28	9.420 722	31	0.579 278	9.985 427	2	**.240**	
761	9.406 178	29	9.420 753	31	0.579 247	9.985 425	2	239	
762	9.406 207	29	9.420 784	31	0.579 216	9.985 423	2	238	
763	9.406 236	29	9.420 815	30	0.579 185	9.985 421	2	237	
764	9.406 265	28	9.420 845	31	0.579 155	9.985 419	2	236	
765	9.406 293	29	9.420 876	31	0.579 124	9.985 417	2	235	
766	9.406 322	29	9.420 907	31	0.579 093	9.985 415	2	234	
767	9.406 351	29	9.420 938	30	0.579 062	9.985 413	2	233	
768	9.406 380	28	9.420 968	31	0.579 032	9.985 411	2	232	
769	9.406 408	29	9.420 999	31	0.579 001	9.985 409	2	231	
.770	9.406 437	29	9.421 030	31	0.578 970	9.985 407	2	**.230**	
771	9.406 466	29	9.421 061	30	0.578 939	9.985 405	2	229	
772	9.406 495	28	9.421 091	31	0.578 909	9.985 403	2	228	
773	9.406 523	29	9.421 122	31	0.578 878	9.985 401	2	227	
774	9.406 552	29	9.421 153	31	0.578 847	9.985 399	2	226	
775	9.406 581	29	9.421 184	30	0.578 816	9.985 397	2	225	
776	9.406 610	28	9.421 214	31	0.578 786	9.985 395	2	224	
777	9.406 638	29	9.421 245	31	0.578 755	9.985 393	2	223	
778	9.406 667	29	9.421 276	31	0.578 724	9.985 391	2	222	
779	9.406 696	29	9.421 307	30	0.578 693	9.985 389	2	221	
.780	9.406 725	28	9.421 337	31	0.578 663	9.985 387	2	**.220**	
781	9.406 753	29	9.421 368	31	0.578 632	9.985 385	2	219	
782	9.406 782	29	9.421 399	31	0.578 601	9.985 383	2	218	
783	9.406 811	28	9.421 430	30	0.578 570	9.985 381	2	217	
784	9.406 839	29	9.421 460	31	0.578 540	9.985 379	2	216	
785	9.406 868	29	9.421 491	31	0.578 509	9.985 377	2	215	
786	9.406 897	29	9.421 522	30	0.578 478	9.985 375	2	214	
787	9.406 926	28	9.421 552	31	0.578 448	9.985 373	2	213	
788	9.406 954	29	9.421 583	31	0.578 417	9.985 371	2	212	
789	9.406 983	29	9.421 614	31	0.578 386	9.985 369	2	211	
.790	9.407 012	28	9.421 645	30	0.578 355	9.985 367	2	**.210**	
791	9.407 040	29	9.421 675	31	0.578 325	9.985 365	2	209	
792	9.407 069	29	9.421 706	31	0.578 294	9.985 363	2	208	
793	9.407 098	29	9.421 737	30	0.578 263	9.985 361	2	207	
794	9.407 127	28	9.421 767	31	0.578 233	9.985 359	2	206	
795	9.407 155	29	9.421 798	31	0.578 202	9.985 357	2	205	
796	9.407 184	29	9.421 829	30	0.578 171	9.985 355	2	204	
797	9.407 213	28	9.421 859	31	0.578 141	9.985 353	2	203	
798	9.407 241	29	9.421 890	31	0.578 110	9.985 351	2	202	
799	9.407 270	29	9.421 921	31	0.578 079	9.985 349	2	201	
.800	9.407 299		9.421 952		0.578 048	9.985 347		**.200**	
	cos	d	cotg	d	tang	sin	d	**75°**	P.P.

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1	3.0
2	6.0
3	9.0
4	12.0
5	15.0
6	18.0
7	21.0
8	24.0
9	27.0

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1	2.9
2	5.8
3	8.7
4	11.6
5	14.5
6	17.4
7	20.3
8	23.2
9	26.1

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1	2.8
2	5.6
3	8.4
4	11.2
5	14.0
6	16.8
7	19.6
8	22.4
9	25.2

75°.250 — 75°.200

14°.800 — 14°.850

14°	sin	d	tang	d	cotg	cos	d		P.P.
.800	9.407 299	28	9.421 952	30	0.578 048	9.985 347	2	.200	
801	9.407 327	29	9.421 982	31	0.578 018	9.985 345	2	199	
802	9.407 356	29	9.422 013	31	0.577 987	9.985 343	2	198	
803	9.407 385	28	9.422 044	30	0.577 956	9.985 341	2	197	
804	9.407 413	29	9.422 074	31	0.577 926	9.985 339	2	196	
805	9.407 442	29	9.422 105	31	0.577 895	9.985 337	2	195	
806	9.407 471	28	9.422 136	30	0.577 864	9.985 335	2	194	
807	9.407 499	29	9.422 166	31	0.577 834	9.985 333	2	193	
808	9.407 528	29	9.422 197	31	0.577 803	9.985 331	2	192	
809	9.407 557	28	9.422 228	30	0.577 772	9.985 329	2	191	
.810	9.407 585	29	9.422 258	31	0.577 742	9.985 327	2	.190	
811	9.407 614	29	9.422 289	31	0.577 711	9.985 325	2	189	
812	9.407 643	28	9.422 320	30	0.577 680	9.985 323	2	188	
813	9.407 671	29	9.422 350	31	0.577 650	9.985 321	2	187	
814	9.407 700	29	9.422 381	31	0.577 619	9.985 319	2	186	
815	9.407 729	28	9.422 412	30	0.577 588	9.985 317	2	185	
816	9.407 757	29	9.422 442	31	0.577 558	9.985 315	2	184	
817	9.407 786	29	9.422 473	31	0.577 527	9.985 313	2	183	
818	9.407 815	28	9.422 504	30	0.577 496	9.985 311	2	182	
819	9.407 843	29	9.422 534	31	0.577 466	9.985 309	2	181	
.820	9.407 872	29	9.422 565	31	0.577 435	9.985 307	2	.180	
821	9.407 901	28	9.422 596	30	0.577 404	9.985 305	2	179	
822	9.407 929	29	9.422 626	31	0.577 374	9.985 303	2	178	
823	9.407 958	29	9.422 657	31	0.577 343	9.985 301	2	177	
824	9.407 987	28	9.422 688	30	0.577 312	9.985 299	2	176	
825	9.408 015	29	9.422 718	31	0.577 282	9.985 297	2	175	
826	9.408 044	29	9.422 749	31	0.577 251	9.985 295	2	174	
827	9.408 073	28	9.422 780	30	0.577 220	9.985 293	2	173	
828	9.408 101	29	9.422 810	31	0.577 190	9.985 291	2	172	
829	9.408 130	28	9.422 841	30	0.577 159	9.985 289	2	171	
.830	9.408 158	29	9.422 871	31	0.577 129	9.985 287	2	.170	
831	9.408 187	29	9.422 902	31	0.577 098	9.985 285	2	169	
832	9.408 216	28	9.422 933	30	0.577 067	9.985 283	2	168	
833	9.408 244	29	9.422 963	31	0.577 037	9.985 281	2	167	
834	9.408 273	29	9.422 994	31	0.577 006	9.985 279	2	166	
835	9.408 302	28	9.423 025	30	0.576 975	9.985 277	2	165	
836	9.408 330	29	9.423 055	31	0.576 945	9.985 275	2	164	
837	9.408 359	28	9.423 086	30	0.576 914	9.985 273	2	163	
838	9.408 387	29	9.423 116	31	0.576 884	9.985 271	2	162	
839	9.408 416	29	9.423 147	31	0.576 853	9.985 269	2	161	
.840	9.408 445	28	9.423 178	30	0.576 822	9.985 267	2	.160	
841	9.408 473	29	9.423 208	31	0.576 792	9.985 265	2	159	
842	9.408 502	28	9.423 239	31	0.576 761	9.985 263	2	158	
843	9.408 530	29	9.423 270	30	0.576 730	9.985 261	2	157	
844	9.408 559	29	9.423 300	31	0.576 700	9.985 259	2	156	
845	9.408 588	28	9.423 331	30	0.576 669	9.985 257	2	155	
846	9.408 616	29	9.423 361	31	0.576 639	9.985 255	2	154	
847	9.408 645	28	9.423 392	31	0.576 608	9.985 253	2	153	
848	9.408 673	29	9.423 423	30	0.576 577	9.985 251	2	152	
849	9.408 702	29	9.423 453	31	0.576 547	9.985 249	2	151	
.850	9.408 731		9.423 484		0.576 516	9.985 247		.150	
	cos	d	cotg	d	tang	sin	d	75°	P.P.

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1	3.1
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4	12.4
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6	18.6
7	21.7
8	24.8
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1	3.0
2	6.0
3	9.0
4	12.0
5	15.0
6	18.0
7	21.0
8	24.0
9	27.0

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1	2.9
2	5.8
3	8.7
4	11.6
5	14.5
6	17.4
7	20.3
8	23.2
9	26.1

	28
1	2.8
2	5.6
3	8.4
4	11.2
5	14.0
6	16.8
7	19.6
8	22.4
9	25.2

75°.200 — 75°.150

14°.850 — 14°.900

14°	sin	d	tang	d	cotg	cos	d		P.P.
.850	9.408 731	28	9.423 484	30	0.576 516	9.985 247	2	**.150**	
851	9.408 759	29	9.423 514	31	0.576 486	9.985 245	2	149	
852	9.408 788	28	9.423 545	31	0.576 455	9.985 243	2	148	
853	9.408 816	29	9.423 576	30	0.576 424	9.985 241	2	147	
854	9.408 845	29	9.423 606	31	0.576 394	9.985 239	2	146	
855	9.408 874	28	9.423 637	30	0.576 363	9.985 237	2	145	
856	9.408 902	29	9.423 667	31	0.576 333	9.985 235	2	144	
857	9.408 931	28	9.423 698	30	0.576 302	9.985 233	2	143	
858	9.408 959	29	9.423 728	31	0.576 272	9.985 231	2	142	
859	9.408 988	28	9.423 759	31	0.576 241	9.985 229	2	141	
.860	9.409 016	29	9.423 790	30	0.576 210	9.985 227	2	**.140**	
861	9.409 045	29	9.423 820	31	0.576 180	9.985 225	2	139	
862	9.409 074	28	9.423 851	30	0.576 149	9.985 223	2	138	
863	9.409 102	29	9.423 881	31	0.576 119	9.985 221	2	137	
864	9.409 131	28	9.423 912	31	0.576 088	9.985 219	2	136	
865	9.409 159	29	9.423 943	30	0.576 057	9.985 217	2	135	
866	9.409 188	28	9.423 973	31	0.576 027	9.985 215	2	134	
867	9.409 216	29	9.424 004	30	0.575 996	9.985 213	2	133	
868	9.409 245	28	9.424 034	31	0.575 966	9.985 211	2	132	
869	9.409 273	29	9.424 065	30	0.575 935	9.985 209	2	131	
.870	9.409 302	28	9.424 095	31	0.575 905	9.985 207	2	**.130**	
871	9.409 330	29	9.424 126	30	0.575 874	9.985 205	2	129	
872	9.409 359	29	9.424 156	31	0.575 844	9.985 203	2	128	
873	9.409 388	28	9.424 187	31	0.575 813	9.985 201	2	127	
874	9.409 416	29	9.424 218	30	0.575 782	9.985 199	2	126	
875	9.409 445	28	9.424 248	31	0.575 752	9.985 197	2	125	
876	9.409 473	29	9.424 279	30	0.575 721	9.985 195	2	124	
877	9.409 502	28	9.424 309	31	0.575 691	9.985 193	2	123	
878	9.409 530	29	9.424 340	30	0.575 660	9.985 191	3	122	
879	9.409 559	28	9.424 370	31	0.575 630	9.985 188	2	121	
.880	9.409 587	29	9.424 401	30	0.575 599	9.985 186	2	**.120**	
881	9.409 616	28	9.424 431	31	0.575 569	9.985 184	2	119	
882	9.409 644	29	9.424 462	30	0.575 538	9.985 182	2	118	
883	9.409 673	28	9.424 492	31	0.575 508	9.985 180	2	117	
884	9.409 701	29	9.424 523	31	0.575 477	9.985 178	2	116	
885	9.409 730	28	9.424 554	30	0.575 446	9.985 176	2	115	
886	9.409 758	29	9.424 584	31	0.575 416	9.985 174	2	114	
887	9.409 787	28	9.424 615	30	0.575 385	9.985 172	2	113	
888	9.409 815	29	9.424 645	31	0.575 355	9.985 170	2	112	
889	9.409 844	28	9.424 676	30	0.575 324	9.985 168	2	111	
.890	9.409 872	29	9.424 706	31	0.575 294	9.985 166	2	**.110**	
891	9.409 901	29	9.424 737	30	0.575 263	9.985 164	2	109	
892	9.409 930	28	9.424 767	31	0.575 233	9.985 162	2	108	
893	9.409 958	29	9.424 798	30	0.575 202	9.985 160	2	107	
894	9.409 987	28	9.424 828	31	0.575 172	9.985 158	2	106	
895	9.410 015	29	9.424 859	30	0.575 141	9.985 156	2	105	
896	9.410 044	28	9.424 889	31	0.575 111	9.985 154	2	104	
897	9.410 072	28	9.424 920	30	0.575 080	9.985 152	2	103	
898	9.410 100	29	9.424 950	31	0.575 050	9.985 150	2	102	
899	9.410 129	28	9.424 981	30	0.575 019	9.985 148	2	101	
.900	9.410 157		9.425 011		0.574 989	9.985 146		**.100**	
	cos	d	cotg	d	tang	sin	d	**75°**	P.P.

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6	17.4
7	20.3
8	23.2
9	26.1

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1	2.8
2	5.6
3	8.4
4	11.2
5	14.0
6	16.8
7	19.6
8	22.4
9	25.2

75°.150 — 75°.100

14°.900 — 14°.950

14°	sin	d	tang	d	cotg	cos	d		P.P.
.900	9.410 157	29	9.425 011	31	0.574 989	9.985 146	2	**.100**	
901	9.410 186	28	9.425 042	30	0.574 958	9.985 144	2	099	
902	9.410 214	29	9.425 072	31	0.574 928	9.985 142	2	098	
903	9.410 243	28	9.425 103	30	0.574 897	9.985 140	2	097	
904	9.410 271	29	9.425 133	31	0.574 867	9.985 138	2	096	
905	9.410 300	28	9.425 164	30	0.574 836	9.985 136	2	095	
906	9.410 328	29	9.425 194	31	0.574 806	9.985 134	2	094	
907	9.410 357	28	9.425 225	30	0.574 775	9.985 132	2	093	
908	9.410 385	29	9.425 255	31	0.574 745	9.985 130	2	092	
909	9.410 414	28	9.425 286	30	0.574 714	9.985 128	2	091	
.910	9.410 442	29	9.425 316	31	0.574 684	9.985 126	2	**.090**	
911	9.410 471	28	9.425 347	30	0.574 653	9.985 124	2	089	
912	9.410 499	29	9.425 377	31	0.574 623	9.985 122	2	088	
913	9.410 528	28	9.425 408	30	0.574 592	9.985 120	2	087	
914	9.410 556	29	9.425 438	31	0.574 562	9.985 118	2	086	
915	9.410 585	28	9.425 469	30	0.574 531	9.985 116	2	085	
916	9.410 613	28	9.425 499	31	0.574 501	9.985 114	2	084	
917	9.410 641	29	9.425 530	30	0.574 470	9.985 112	2	083	
918	9.410 670	28	9.425 560	31	0.574 440	9.985 110	2	082	
919	9.410 698	29	9.425 591	30	0.574 409	9.985 108	2	081	
.920	9.410 727	28	9.425 621	30	0.574 379	9.985 106	2	**.080**	
921	9.410 755	29	9.425 651	31	0.574 349	9.985 104	2	079	
922	9.410 784	28	9.425 682	30	0.574 318	9.985 102	2	078	
923	9.410 812	29	9.425 712	31	0.574 288	9.985 100	2	077	
924	9.410 841	28	9.425 743	30	0.574 257	9.985 098	2	076	
925	9.410 869	28	9.425 773	31	0.574 227	9.985 096	2	075	
926	9.410 897	29	9.425 804	30	0.574 196	9.985 094	2	074	
927	9.410 926	28	9.425 834	31	0.574 166	9.985 092	2	073	
928	9.410 954	29	9.425 865	30	0.574 135	9.985 090	2	072	
929	9.410 983	28	9.425 895	31	0.574 105	9.985 088	2	071	
.930	9.411 011	29	9.425 926	30	0.574 074	9.985 086	2	**.070**	
931	9.411 040	28	9.425 956	30	0.574 044	9.985 084	2	069	
932	9.411 068	28	9.425 986	31	0.574 014	9.985 082	2	068	
933	9.411 096	29	9.426 017	30	0.573 983	9.985 080	2	067	
934	9.411 125	28	9.426 047	31	0.573 953	9.985 078	3	066	
935	9.411 153	29	9.426 078	30	0.573 922	9.985 075	2	065	
936	9.411 182	28	9.426 108	31	0.573 892	9.985 073	2	064	
937	9.411 210	29	9.426 139	30	0.573 861	9.985 071	2	063	
938	9.411 239	28	9.426 169	31	0.573 831	9.985 069	2	062	
939	9.411 267	28	9.426 200	30	0.573 800	9.985 067	2	061	
.940	9.411 295	29	9.426 230	30	0.573 770	9.985 065	2	**.060**	
941	9.411 324	28	9.426 260	31	0.573 740	9.985 063	2	059	
942	9.411 352	29	9.426 291	30	0.573 709	9.985 061	2	058	
943	9.411 381	28	9.426 321	31	0.573 679	9.985 059	2	057	
944	9.411 409	28	9.426 352	30	0.573 648	9.985 057	2	056	
945	9.411 437	29	9.426 382	31	0.573 618	9.985 055	2	055	
946	9.411 466	28	9.426 413	30	0.573 587	9.985 053	2	054	
947	9.411 494	29	9.426 443	30	0.573 557	9.985 051	2	053	
948	9.411 523	28	9.426 473	31	0.573 527	9.985 049	2	052	
949	9.411 551	28	9.426 504	30	0.573 496	9.985 047	2	051	
.950	9.411 579		9.426 534		0.573 466	9.985 045		**.050**	
	cos	d	cotg	d	tang	sin	d	**75°**	P.P.

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2	6.0
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4	12.0
5	15.0
6	18.0
7	21.0
8	24.0
9	27.0

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1	2.9
2	5.8
3	8.7
4	11.6
5	14.5
6	17.4
7	20.3
8	23.2
9	26.1

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1	2.8
2	5.6
3	8.4
4	11.2
5	14.0
6	16.8
7	19.6
8	22.4
9	25.2

75°.100 — 75°.050

14°.950 — 15°.000

14°	sin	d	tang	d	cotg	cos	d		P.P.
.950	9.411 579	29	9.426 534	31	0.573 466	9.985 045	2	**.050**	
951	9.411 608	28	9.426 565	30	0.573 435	9.985 043	2	049	
952	9.411 636	28	9.426 595	30	0.573 405	9.985 041	2	048	
953	9.411 664	29	9.426 625	31	0.573 375	9.985 039	2	047	
954	9.411 693	28	9.426 656	30	0.573 344	9.985 037	2	046	
955	9.411 721	29	9.426 686	31	0.573 314	9.985 035	2	045	
956	9.411 750	28	9.426 717	30	0.573 283	9.985 033	2	044	
957	9.411 778	28	9.426 747	30	0.573 253	9.985 031	2	043	
958	9.411 806	29	9.426 777	31	0.573 223	9.985 029	2	042	
959	9.411 835	28	9.426 808	30	0.573 192	9.985 027	2	041	
.960	9.411 863	28	9.426 838	31	0.573 162	9.985 025	2	**.040**	
961	9.411 891	29	9.426 869	30	0.573 131	9.985 023	2	039	
962	9.411 920	28	9.426 899	30	0.573 101	9.985 021	2	038	
963	9.411 948	29	9.426 929	31	0.573 071	9.985 019	2	037	
964	9.411 977	28	9.426 960	30	0.573 040	9.985 017	2	036	
965	9.412 005	28	9.426 990	31	0.573 010	9.985 015	2	035	
966	9.412 033	29	9.427 021	30	0.572 979	9.985 013	2	034	
967	9.412 062	28	9.427 051	30	0.572 949	9.985 011	2	033	
968	9.412 090	28	9.427 081	31	0.572 919	9.985 009	2	032	
969	9.412 118	29	9.427 112	30	0.572 888	9.985 007	2	031	
.970	9.412 147	28	9.427 142	30	0.572 858	9.985 005	2	**.030**	
971	9.412 175	28	9.427 172	31	0.572 828	9.985 003	2	029	
972	9.412 203	29	9.427 203	30	0.572 797	9.985 001	2	028	
973	9.412 232	28	9.427 233	31	0.572 767	9.984 999	2	027	
974	9.412 260	28	9.427 264	30	0.572 736	9.984 997	2	026	
975	9.412 288	29	9.427 294	30	0.572 706	9.984 995	3	025	
976	9.412 317	28	9.427 324	31	0.572 676	9.984 992	2	024	
977	9.412 345	28	9.427 355	30	0.572 645	9.984 990	2	023	
978	9.412 373	29	9.427 385	30	0.572 615	9.984 988	2	022	
979	9.412 402	28	9.427 415	31	0.572 585	9.984 986	2	021	
.980	9.412 430	28	9.427 446	30	0.572 554	9.984 984	2	**.020**	
981	9.412 458	29	9.427 476	30	0.572 524	9.984 982	2	019	
982	9.412 487	28	9.427 506	31	0.572 494	9.984 980	2	018	
983	9.412 515	28	9.427 537	30	0.572 463	9.984 978	2	017	
984	9.412 543	29	9.427 567	30	0.572 433	9.984 976	2	016	
985	9.412 572	28	9.427 597	31	0.572 403	9.984 974	2	015	
986	9.412 600	28	9.427 628	30	0.572 372	9.984 972	2	014	
987	9.412 628	29	9.427 658	30	0.572 342	9.984 970	2	013	
988	9.412 657	28	9.427 688	31	0.572 312	9.984 968	2	012	
989	9.412 685	28	9.427 719	30	0.572 281	9.984 966	2	011	
.990	9.412 713	29	9.427 749	31	0.572 251	9.984 964	2	**.010**	
991	9.412 742	28	9.427 780	30	0.572 220	9.984 962	2	009	
992	9.412 770	28	9.427 810	30	0.572 190	9.984 960	2	008	
993	9.412 798	28	9.427 840	31	0.572 160	9.984 958	2	007	
994	9.412 826	29	9.427 871	30	0.572 129	9.984 956	2	006	
995	9.412 855	28	9.427 901	30	0.572 099	9.984 954	2	005	
996	9.412 883	28	9.427 931	30	0.572 069	9.984 952	2	004	
997	9.412 911	29	9.427 961	31	0.572 039	9.984 950	2	003	
998	9.412 940	28	9.427 992	30	0.572 008	9.984 948	2	002	
999	9.412 968	28	9.428 022	30	0.571 978	9.984 946	2	001	
*000	9.412 996		9.428 052		0.571 948	9.984 944		**.000**	
	cos	d	cotg	d	tang	sin	d	**75°**	P.P.

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8	24.0
9	27.0

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5	14.5
6	17.4
7	20.3
8	23.2
9	26.1

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2	5.6
3	8.4
4	11.2
5	14.0
6	16.8
7	19.6
8	22.4
9	25.2

75°.050 — 75°.000

15°.000 — 15°.050

15°	sin	d	tang	d	cotg	cos	d		P.P.
.000	9.412 996	29	9.428 052	31	0.571 948	9.984 944	2	***000**	
001	9.413 025	28	9.428 083	30	0.571 917	9.984 942	2	999	
002	9.413 053	28	9.428 113	30	0.571 887	9.984 940	2	998	
003	9.413 081	28	9.428 143	31	0.571 857	9.984 938	2	997	
004	9.413 109	29	9.428 174	30	0.571 826	9.984 936	2	996	
005	9.413 138	28	9.428 204	30	0.571 796	9.984 934	2	995	
006	9.413 166	28	9.428 234	31	0.571 766	9.984 932	2	994	
007	9.413 194	28	9.428 265	30	0.571 735	9.984 930	2	993	
008	9.413 222	29	9.428 295	30	0.571 705	9.984 928	3	992	
009	9.413 251	28	9.428 325	31	0.571 675	9.984 925	2	991	
.010	9.413 279	28	9.428 356	30	0.571 644	9.984 923	2	**.990**	
011	9.413 307	29	9.428 386	30	0.571 614	9.984 921	2	989	
012	9.413 336	28	9.428 416	30	0.571 584	9.984 919	2	988	
013	9.413 364	28	9.428 446	31	0.571 554	9.984 917	2	987	
014	9.413 392	28	9.428 477	30	0.571 523	9.984 915	2	986	
015	9.413 420	29	9.428 507	30	0.571 493	9.984 913	2	985	
016	9.413 449	28	9.428 537	31	0.571 463	9.984 911	2	984	
017	9.413 477	28	9.428 568	30	0.571 432	9.984 909	2	983	
018	9.413 505	28	9.428 598	30	0.571 402	9.984 907	2	982	
019	9.413 533	29	9.428 628	30	0.571 372	9.984 905	2	981	
.020	9.413 562	28	9.428 658	31	0.571 342	9.984 903	2	**.980**	
021	9.413 590	28	9.428 689	30	0.571 311	9.984 901	2	979	
022	9.413 618	28	9.428 719	30	0.571 281	9.984 899	2	978	
023	9.413 646	29	9.428 749	31	0.571 251	9.984 897	2	977	
024	9.413 675	28	9.428 780	30	0.571 220	9.984 895	2	976	
025	9.413 703	28	9.428 810	30	0.571 190	9.984 893	2	975	
026	9.413 731	28	9.428 840	30	0.571 160	9.984 891	2	974	
027	9.413 759	29	9.428 870	31	0.571 130	9.984 889	2	973	
028	9.413 788	28	9.428 901	30	0.571 099	9.984 887	2	972	
029	9.413 816	28	9.428 931	30	0.571 069	9.984 885	2	971	
.030	9.413 844	28	9.428 961	30	0.571 039	9.984 883	2	**.970**	
031	9.413 872	28	9.428 991	31	0.571 009	9.984 881	2	969	
032	9.413 900	29	9.429 022	30	0.570 978	9.984 879	2	968	
033	9.413 929	28	9.429 052	30	0.570 948	9.984 877	2	967	
034	9.413 957	28	9.429 082	31	0.570 918	9.984 875	2	966	
035	9.413 985	28	9.429 113	30	0.570 887	9.984 873	2	965	
036	9.414 013	29	9.429 143	30	0.570 857	9.984 871	2	964	
037	9.414 042	28	9.429 173	30	0.570 827	9.984 869	3	963	
038	9.414 070	28	9.429 203	31	0.570 797	9.984 866	2	962	
039	9.414 098	28	9.429 234	30	0.570 766	9.984 864	2	961	
.040	9.414 126	28	9.429 264	30	0.570 736	9.984 862	2	**.960**	
041	9.414 154	29	9.429 294	30	0.570 706	9.984 860	2	959	
042	9.414 183	28	9.429 324	30	0.570 676	9.984 858	2	958	
043	9.414 211	28	9.429 354	31	0.570 646	9.984 856	2	957	
044	9.414 239	28	9.429 385	30	0.570 615	9.984 854	2	956	
045	9.414 267	28	9.429 415	30	0.570 585	9.984 852	2	955	
046	9.414 295	29	9.429 445	30	0.570 555	9.984 850	2	954	
047	9.414 324	28	9.429 475	31	0.570 525	9.984 848	2	953	
048	9.414 352	28	9.429 506	30	0.570 494	9.984 846	2	952	
049	9.414 380	28	9.429 536	30	0.570 464	9.984 844	2	951	
.050	9.414 408		9.429 566		0.570 434	9.984 842		**.950**	
	cos	d	cotg	d	tang	sin	d	**74°**	P.P.

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8	23.2
9	26.1

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2	5.6
3	8.4
4	11.2
5	14.0
6	16.8
7	19.6
8	22.4
9	25.2

75°.000 — 74°.950

15°.050 — 15°.100

15°	sin	d	tang	d	cotg	cos	d		P.P.
.050	9.414 408	28	9.429 566	30	0.570 434	9.984 842	2	.950	
051	9.414 436	29	9.429 596	31	0.570 404	9.984 840	2	949	
052	9.414 465	28	9.429 627	30	0.570 373	9.984 838	2	948	
053	9.414 493	28	9.429 657	30	0.570 343	9.984 836	2	947	
054	9.414 521	28	9.429 687	30	0.570 313	9.984 834	2	946	
055	9.414 549	28	9.429 717	30	0.570 283	9.984 832	2	945	
056	9.414 577	28	9.429 747	31	0.570 253	9.984 830	2	944	
057	9.414 605	29	9.429 778	30	0.570 222	9.984 828	2	943	
058	9.414 634	28	9.429 808	30	0.570 192	9.984 826	2	942	
059	9.414 662	28	9.429 838	30	0.570 162	9.984 824	2	941	
.060	9.414 690	28	9.429 868	31	0.570 132	9.984 822	2	.940	
061	9.414 718	28	9.429 899	30	0.570 101	9.984 820	2	939	
062	9.414 746	28	9.429 929	30	0.570 071	9.984 818	2	938	
063	9.414 774	29	9.429 959	30	0.570 041	9.984 816	2	937	
064	9.414 803	28	9.429 989	30	0.570 011	9.984 814	3	936	
065	9.414 831	28	9.430 019	31	0.569 981	9.984 811	2	935	
066	9.414 859	28	9.430 050	30	0.569 950	9.984 809	2	934	
067	9.414 887	28	9.430 080	30	0.569 920	9.984 807	2	933	
068	9.414 915	28	9.430 110	30	0.569 890	9.984 805	2	932	
069	9.414 943	29	9.430 140	30	0.569 860	9.984 803	2	931	
.070	9.414 972	28	9.430 170	31	0.569 830	9.984 801	2	.930	
071	9.415 000	28	9.430 201	30	0.569 799	9.984 799	2	929	
072	9.415 028	28	9.430 231	30	0.569 769	9.984 797	2	928	
073	9.415 056	28	9.430 261	30	0.569 739	9.984 795	2	927	
074	9.415 084	28	9.430 291	30	0.569 709	9.984 793	2	926	
075	9.415 112	28	9.430 321	30	0.569 679	9.984 791	2	925	
076	9.415 140	29	9.430 351	31	0.569 649	9.984 789	2	924	
077	9.415 169	28	9.430 382	30	0.569 618	9.984 787	2	923	
078	9.415 197	28	9.430 412	30	0.569 588	9.984 785	2	922	
079	9.415 225	28	9.430 442	30	0.569 558	9.984 783	2	921	
.080	9.415 253	28	9.430 472	30	0.569 528	9.984 781	2	.920	
081	9.415 281	28	9.430 502	31	0.569 498	9.984 779	2	919	
082	9.415 309	28	9.430 533	30	0.569 467	9.984 777	2	918	
083	9.415 337	29	9.430 563	30	0.569 437	9.984 775	2	917	
084	9.415 366	28	9.430 593	30	0.569 407	9.984 773	2	916	
085	9.415 394	28	9.430 623	30	0.569 377	9.984 771	2	915	
086	9.415 422	28	9.430 653	30	0.569 347	9.984 769	2	914	
087	9.415 450	28	9.430 683	30	0.569 317	9.984 767	3	913	
088	9.415 478	28	9.430 713	31	0.569 287	9.984 764	2	912	
089	9.415 506	28	9.430 744	30	0.569 256	9.984 762	2	911	
.090	9.415 534	28	9.430 774	30	0.569 226	9.984 760	2	.910	
091	9.415 562	28	9.430 804	30	0.569 196	9.984 758	2	909	
092	9.415 590	29	9.430 834	30	0.569 166	9.984 756	2	908	
093	9.415 619	28	9.430 864	30	0.569 136	9.984 754	2	907	
094	9.415 647	28	9.430 894	31	0.569 106	9.984 752	2	906	
095	9.415 675	28	9.430 925	30	0.569 075	9.984 750	2	905	
096	9.415 703	28	9.430 955	30	0.569 045	9.984 748	2	904	
097	9.415 731	28	9.430 985	30	0.569 015	9.984 746	2	903	
098	9.415 759	28	9.431 015	30	0.568 985	9.984 744	2	902	
099	9.415 787	28	9.431 045	30	0.568 955	9.984 742	2	901	
.100	9.415 815		9.431 075		0.568 925	9.984 740		.900	
	cos	d	cotg	d	tang	sin	d	74°	P.P.

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9	25.2

74°.950 — 74°.900

15°.100 — 15°.150

15°	sin	d	tang	d	cotg	cos	d		P.P.
.100	9.415 815	28	9.431 075	30	0.568 925	9.984 740	2	**.900**	
101	9.415 843	28	9.431 105	31	0.568 895	9.984 738	2	899	
102	9.415 871	29	9.431 136	30	0.568 864	9.984 736	2	898	
103	9.415 900	28	9.431 166	30	0.568 834	9.984 734	2	897	
104	9.415 928	28	9.431 196	30	0.568 804	9.984 732	2	896	
105	9.415 956	28	9.431 226	30	0.568 774	9.984 730	2	895	
106	9.415 984	28	9.431 256	30	0.568 744	9.984 728	2	894	
107	9.416 012	28	9.431 286	30	0.568 714	9.984 726	2	893	
108	9.416 040	28	9.431 316	30	0.568 684	9.984 724	2	892	
109	9.416 068	28	9.431 346	31	0.568 654	9.984 722	2	891	
.110	9.416 096	28	9.431 377	30	0.568 623	9.984 720	3	**.890**	
111	9.416 124	28	9.431 407	30	0.568 593	9.984 717	2	889	
112	9.416 152	28	9.431 437	30	0.568 563	9.984 715	2	888	
113	9.416 180	28	9.431 467	30	0.568 533	9.984 713	2	887	
114	9.416 208	28	9.431 497	30	0.568 503	9.984 711	2	886	
115	9.416 236	28	9.431 527	30	0.568 473	9.984 709	2	885	
116	9.416 264	29	9.431 557	30	0.568 443	9.984 707	2	884	
117	9.416 293	28	9.431 587	30	0.568 413	9.984 705	2	883	
118	9.416 321	28	9.431 617	31	0.568 383	9.984 703	2	882	
119	9.416 349	28	9.431 648	30	0.568 352	9.984 701	2	881	
.120	9.416 377	28	9.431 678	30	0.568 322	9.984 699	2	**.880**	
121	9.416 405	28	9.431 708	30	0.568 292	9.984 697	2	879	
122	9.416 433	28	9.431 738	30	0.568 262	9.984 695	2	878	
123	9.416 461	28	9.431 768	30	0.568 232	9.984 693	2	877	
124	9.416 489	28	9.431 798	30	0.568 202	9.984 691	2	876	
125	9.416 517	28	9.431 828	30	0.568 172	9.984 689	2	875	
126	9.416 545	28	9.431 858	30	0.568 142	9.984 687	2	874	
127	9.416 573	28	9.431 888	30	0.568 112	9.984 685	2	873	
128	9.416 601	28	9.431 918	30	0.568 082	9.984 683	2	872	
129	9.416 629	28	9.431 949	31	0.568 051	9.984 681	2	871	
.130	9.416 657	28	9.431 979	30	0.568 021	9.984 679	2	**.870**	
131	9.416 685	28	9.432 009	30	0.567 991	9.984 676	3	869	
132	9.416 713	28	9.432 039	30	0.567 961	9.984 674	2	868	
133	9.416 741	28	9.432 069	30	0.567 931	9.984 672	2	867	
134	9.416 769	28	9.432 099	30	0.567 901	9.984 670	2	866	
135	9.416 797	28	9.432 129	30	0.567 871	9.984 668	2	865	
136	9.416 825	28	9.432 159	30	0.567 841	9.984 666	2	864	
137	9.416 853	28	9.432 189	30	0.567 811	9.984 664	2	863	
138	9.416 881	28	9.432 219	30	0.567 781	9.984 662	2	862	
139	9.416 909	28	9.432 249	30	0.567 751	9.984 660	2	861	
.140	9.416 937	28	9.432 279	30	0.567 721	9.984 658	2	**.860**	
141	9.416 965	28	9.432 309	30	0.567 691	9.984 656	2	859	
142	9.416 993	28	9.432 339	31	0.567 661	9.984 654	2	858	
143	9.417 021	28	9.432 370	30	0.567 630	9.984 652	2	857	
144	9.417 049	28	9.432 400	30	0.567 600	9.984 650	2	856	
145	9.417 077	28	9.432 430	30	0.567 570	9.984 648	2	855	
146	9.417 105	28	9.432 460	30	0.567 540	9.984 646	2	854	
147	9.417 133	28	9.432 490	30	0.567 510	9.984 644	2	853	
148	9.417 161	28	9.432 520	30	0.567 480	9.984 642	2	852	
149	9.417 189	28	9.432 550	30	0.567 450	9.984 640	2	851	
.150	9.417 217		9.432 580		0.567 420	9.984 638		**.850**	
	cos	d	cotg	d	tang	sin	d	**74°**	P.P.

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8	23.2
9	26.1

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2	5.6
3	8.4
4	11.2
5	14.0
6	16.8
7	19.6
8	22.4
9	25.2

74°.900 — 74°.850

15°.150 — 15°.200

15°	sin	d	tang	d	cotg	cos	d		P.P.
.150	9.417 217	28	9.432 580	30	0.567 420	9.984 638	3	.850	
151	9.417 245	28	9.432 610	30	0.567 390	9.984 635	2	849	31
152	9.417 273	28	9.432 640	30	0.567 360	9.984 633	2	848	1 3.1
153	9.417 301	28	9.432 670	30	0.567 330	9.984 631	2	847	2 6.2
154	9.417 329	28	9.432 700	30	0.567 300	9.984 629	2	846	3 9.3
155	9.417 357	28	9.432 730	30	0.567 270	9.984 627	2	845	4 12.4
156	9.417 385	28	9.432 760	30	0.567 240	9.984 625	2	844	5 15.5
157	9.417 413	28	9.432 790	30	0.567 210	9.984 623	2	843	6 18.6
158	9.417 441	28	9.432 820	30	0.567 180	9.984 621	2	842	7 21.7
159	9.417 469	28	9.432 850	30	0.567 150	9.984 619	2	841	8 24.8
.160	9.417 497	28	9.432 880	30	0.567 120	9.984 617	2	.840	9 27.9
161	9.417 525	28	9.432 910	30	0.567 090	9.984 615	2	839	30
162	9.417 553	28	9.432 940	30	0.567 060	9.984 613	2	838	1 3.0
163	9.417 581	28	9.432 970	30	0.567 030	9.984 611	2	837	2 6.0
164	9.417 609	28	9.433 000	30	0.567 000	9.984 609	2	836	3 9.0
165	9.417 637	28	9.433 030	30	0.566 970	9.984 607	2	835	4 12.0
166	9.417 665	28	9.433 060	30	0.566 940	9.984 605	2	834	5 15.0
167	9.417 693	28	9.433 090	30	0.566 910	9.984 603	2	833	6 18.0
168	9.417 721	28	9.433 120	30	0.566 880	9.984 601	2	832	7 21.0
169	9.417 749	28	9.433 150	30	0.566 850	9.984 599	2	831	8 24.0
.170	9.417 777	28	9.433 180	30	0.566 820	9.984 596	3	.830	9 27.0
171	9.417 805	28	9.433 210	30	0.566 790	9.984 594	2	829	29
172	9.417 833	28	9.433 241	31	0.566 759	9.984 592	2	828	1 2.9
173	9.417 861	28	9.433 271	30	0.566 729	9.984 590	2	827	2 5.8
174	9.417 889	28	9.433 301	30	0.566 699	9.984 588	2	826	3 8.7
175	9.417 917	28	9.433 331	30	0.566 669	9.984 586	2	825	4 11.6
176	9.417 945	28	9.433 361	30	0.566 639	9.984 584	2	824	5 14.5
177	9.417 973	28	9.433 391	30	0.566 609	9.984 582	2	823	6 17.4
178	9.418 001	28	9.433 421	30	0.566 579	9.984 580	2	822	7 20.3
179	9.418 028	27	9.433 451	30	0.566 549	9.984 578	2	821	8 23.2
.180	9.418 056	28	9.433 481	30	0.566 519	9.984 576	2	.820	9 26.1
181	9.418 084	28	9.433 511	30	0.566 489	9.984 574	2	819	28
182	9.418 112	28	9.433 540	29	0.566 460	9.984 572	2	818	1 2.8
183	9.418 140	28	9.433 570	30	0.566 430	9.984 570	2	817	2 5.6
184	9.418 168	28	9.433 600	30	0.566 400	9.984 568	2	816	3 8.4
185	9.418 196	28	9.433 630	30	0.566 370	9.984 566	2	815	4 11.2
186	9.418 224	28	9.433 660	30	0.566 340	9.984 564	3	814	5 14.0
187	9.418 252	28	9.433 690	30	0.566 310	9.984 561	2	813	6 16.8
188	9.418 280	28	9.433 720	30	0.566 280	9.984 559	2	812	7 19.6
189	9.418 308	28	9.433 750	30	0.566 250	9.984 557	2	811	8 22.4
.190	9.418 336	28	9.433 780	30	0.566 220	9.984 555	2	.810	9 25.2
191	9.418 364	28	9.433 810	30	0.566 190	9.984 553	2	809	27
192	9.418 392	28	9.433 840	30	0.566 160	9.984 551	2	808	1 2.7
193	9.418 419	27	9.433 870	30	0.566 130	9.984 549	2	807	2 5.4
194	9.418 447	28	9.433 900	30	0.566 100	9.984 547	2	806	3 8.1
195	9.418 475	28	9.433 930	30	0.566 070	9.984 545	2	805	4 10.8
196	9.418 503	28	9.433 960	30	0.566 040	9.984 543	2	804	5 13.5
197	9.418 531	28	9.433 990	30	0.566 010	9.984 541	2	803	6 16.2
198	9.418 559	28	9.434 020	30	0.565 980	9.984 539	2	802	7 18.9
199	9.418 587	28	9.434 050	30	0.565 950	9.984 537	2	801	8 21.6
.200	9.418 615		9.434 080		0.565 920	9.984 535		.800	9 24.3
	cos	d	cotg	d	tang	sin	d	74°	P.P.

74°.850 — 74°.800

15°.200 — 15°.250

15°	sin	d	tang	d	cotg	cos	d		P.P.
.200	9.418 615	28	9.434 080	30	0.565 920	9.984 535	2	**.800**	
201	9.418 643	28	9.434 110	30	0.565 890	9.984 533	2	799	
202	9.418 671	27	9.434 140	30	0.565 860	9.984 531	2	798	
203	9.418 698	28	9.434 170	30	0.565 830	9.984 529	3	797	
204	9.418 726	28	9.434 200	30	0.565 800	9.984 526	2	796	
205	9.418 754	28	9.434 230	30	0.565 770	9.984 524	2	795	
206	9.418 782	28	9.434 260	30	0.565 740	9.984 522	2	794	
207	9.418 810	28	9.434 290	30	0.565 710	9.984 520	2	793	
208	9.418 838	28	9.434 320	30	0.565 680	9.984 518	2	792	
209	9.418 866	28	9.434 350	30	0.565 650	9.984 516	2	791	
.210	9.418 894	28	9.434 380	29	0.565 620	9.984 514	2	**.790**	
211	9.418 922	27	9.434 409	30	0.565 591	9.984 512	2	789	
212	9.418 949	28	9.434 439	30	0.565 561	9.984 510	2	788	
213	9.418 977	28	9.434 469	30	0.565 531	9.984 508	2	787	
214	9.419 005	28	9.434 499	30	0.565 501	9.984 506	2	786	
215	9.419 033	28	9.434 529	30	0.565 471	9.984 504	2	785	
216	9.419 061	28	9.434 559	30	0.565 441	9.984 502	2	784	
217	9.419 089	28	9.434 589	30	0.565 411	9.984 500	2	783	
218	9.419 117	27	9.434 619	30	0.565 381	9.984 498	2	782	
219	9.419 144	28	9.434 649	30	0.565 351	9.984 496	2	781	
.220	9.419 172	28	9.434 679	30	0.565 321	9.984 494	3	**.780**	
221	9.419 200	28	9.434 709	30	0.565 291	9.984 491	2	779	
222	9.419 228	28	9.434 739	30	0.565 261	9.984 489	2	778	
223	9.419 256	28	9.434 769	30	0.565 231	9.984 487	2	777	
224	9.419 284	28	9.434 799	29	0.565 201	9.984 485	2	776	
225	9.419 312	27	9.434 828	30	0.565 172	9.984 483	2	775	
226	9.419 339	28	9.434 858	30	0.565 142	9.984 481	2	774	
227	9.419 367	28	9.434 888	30	0.565 112	9.984 479	2	773	
228	9.419 395	28	9.434 918	30	0.565 082	9.984 477	2	772	
229	9.419 423	28	9.434 948	30	0.565 052	9.984 475	2	771	
.230	9.419 451	28	9.434 978	30	0.565 022	9.984 473	2	**.770**	
231	9.419 479	28	9.435 008	30	0.564 992	9.984 471	2	769	
232	9.419 507	27	9.435 038	30	0.564 962	9.984 469	2	768	
233	9.419 534	28	9.435 068	30	0.564 932	9.984 467	2	767	
234	9.419 562	28	9.435 098	29	0.564 902	9.984 465	2	766	
235	9.419 590	28	9.435 127	30	0.564 873	9.984 463	2	765	
236	9.419 618	28	9.435 157	30	0.564 843	9.984 461	3	764	
237	9.419 646	28	9.435 187	30	0.564 813	9.984 458	2	763	
238	9.419 674	27	9.435 217	30	0.564 783	9.984 456	2	762	
239	9.419 701	28	9.435 247	30	0.564 753	9.984 454	2	761	
.240	9.419 729	28	9.435 277	30	0.564 723	9.984 452	2	**.760**	
241	9.419 757	28	9.435 307	30	0.564 693	9.984 450	2	759	
242	9.419 785	28	9.435 337	30	0.564 663	9.984 448	2	758	
243	9.419 813	27	9.435 367	29	0.564 633	9.984 446	2	757	
244	9.419 840	28	9.435 396	30	0.564 604	9.984 444	2	756	
245	9.419 868	28	9.435 426	30	0.564 574	9.984 442	2	755	
246	9.419 896	28	9.435 456	30	0.564 544	9.984 440	2	754	
247	9.419 924	28	9.435 486	30	0.564 514	9.984 438	2	753	
248	9.419 952	27	9.435 516	30	0.564 484	9.984 436	2	752	
249	9.419 979	28	9.435 546	30	0.564 454	9.984 434	2	751	
.250	9.420 007		9.435 576		0.564 424	9.984 432		**.750**	
	cos	d	cotg	d	tang	sin	d	**74°**	P.P.

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9	24.3

74°.800 — 74°.750

15°.250 — 15°.300

15°	sin	d	tang	d	cotg	cos	d		P.P.
.250	9.420 007	28	9.435 576	30	0.564 424	9.984 432	2	**.750**	
251	9.420 035	28	9.435 606	29	0.564 394	9.984 430	3	749	
252	9.420 063	28	9.435 635	30	0.564 365	9.984 427	2	748	
253	9.420 091	27	9.435 665	30	0.564 335	9.984 425	2	747	
254	9.420 118	28	9.435 695	30	0.564 305	9.984 423	2	746	
255	9.420 146	28	9.435 725	30	0.564 275	9.984 421	2	745	
256	9.420 174	28	9.435 755	30	0.564 245	9.984 419	2	744	
257	9.420 202	28	9.435 785	30	0.564 215	9.984 417	2	743	
258	9.420 230	27	9.435 815	29	0.564 185	9.984 415	2	742	
259	9.420 257	28	9.435 844	30	0.564 156	9.984 413	2	741	
.260	9.420 285	28	9.435 874	30	0.564 126	9.984 411	2	**.740**	
261	9.420 313	28	9.435 904	30	0.564 096	9.984 409	2	739	
262	9.420 341	28	9.435 934	30	0.564 066	9.984 407	2	738	
263	9.420 369	27	9.435 964	30	0.564 036	9.984 405	2	737	
264	9.420 396	28	9.435 994	30	0.564 006	9.984 403	2	736	
265	9.420 424	28	9.436 024	29	0.563 976	9.984 401	2	735	
266	9.420 452	28	9.436 053	30	0.563 947	9.984 399	3	734	
267	9.420 480	27	9.436 083	30	0.563 917	9.984 396	2	733	
268	9.420 507	28	9.436 113	30	0.563 887	9.984 394	2	732	
269	9.420 535	28	9.436 143	30	0.563 857	9.984 392	2	731	
.270	9.420 563	28	9.436 173	30	0.563 827	9.984 390	2	**.730**	
271	9.420 591	27	9.436 203	29	0.563 797	9.984 388	2	729	
272	9.420 618	28	9.436 232	30	0.563 768	9.984 386	2	728	
273	9.420 646	28	9.436 262	30	0.563 738	9.984 384	2	727	
274	9.420 674	28	9.436 292	30	0.563 708	9.984 382	2	726	
275	9.420 702	28	9.436 322	30	0.563 678	9.984 380	2	725	
276	9.420 730	27	9.436 352	30	0.563 648	9.984 378	2	724	
277	9.420 757	28	9.436 382	29	0.563 618	9.984 376	2	723	
278	9.420 785	28	9.436 411	30	0.563 589	9.984 374	2	722	
279	9.420 813	28	9.436 441	30	0.563 559	9.984 372	2	721	
.280	9.420 841	27	9.436 471	30	0.563 529	9.984 370	3	**.720**	
281	9.420 868	28	9.436 501	30	0.563 499	9.984 367	2	719	
282	9.420 896	28	9.436 531	29	0.563 469	9.984 365	2	718	
283	9.420 924	27	9.436 560	30	0.563 440	9.984 363	2	717	
284	9.420 951	28	9.436 590	30	0.563 410	9.984 361	2	716	
285	9.420 979	28	9.436 620	30	0.563 380	9.984 359	2	715	
286	9.421 007	28	9.436 650	30	0.563 350	9.984 357	2	714	
287	9.421 035	27	9.436 680	29	0.563 320	9.984 355	2	713	
288	9.421 062	28	9.436 709	30	0.563 291	9.984 353	2	712	
289	9.421 090	28	9.436 739	30	0.563 261	9.984 351	2	711	
.290	9.421 118	28	9.436 769	30	0.563 231	9.984 349	2	**.710**	
291	9.421 146	27	9.436 799	30	0.563 201	9.984 347	2	709	
292	9.421 173	28	9.436 829	29	0.563 171	9.984 345	2	708	
293	9.421 201	28	9.436 858	30	0.563 142	9.984 343	2	707	
294	9.421 229	27	9.436 888	30	0.563 112	9.984 341	3	706	
295	9.421 256	28	9.436 918	30	0.563 082	9.984 338	2	705	
296	9.421 284	28	9.436 948	30	0.563 052	9.984 336	2	704	
297	9.421 312	28	9.436 978	29	0.563 022	9.984 334	2	703	
298	9.421 340	27	9.437 007	30	0.562 993	9.984 332	2	702	
299	9.421 367	28	9.437 037	30	0.562 963	9.984 330	2	701	
.300	9.421 395		9.437 067		0.562 933	9.984 328		**.700**	
	cos	d	cotg	d	tang	sin	d	**74°**	P.P.

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9	24.3

74°.750 — 74°.700

15°.300 — 15°.350

15°	sin	d	tang	d	cotg	cos	d		P.P.
.300	9.421 395	28	9.437 067	30	0.562 933	9.984 328	2	**.700**	
301	9.421 423	27	9.437 097	30	0.562 903	9.984 326	2	699	
302	9.421 450	28	9.437 127	29	0.562 873	9.984 324	2	698	
303	9.421 478	28	9.437 156	30	0.562 844	9.984 322	2	697	
304	9.421 506	28	9.437 186	30	0.562 814	9.984 320	2	696	
305	9.421 534	27	9.437 216	30	0.562 784	9.984 318	2	695	
306	9.421 561	28	9.437 246	29	0.562 754	9.984 316	2	694	
307	9.421 589	28	9.437 275	30	0.562 725	9.984 314	3	693	
308	9.421 617	27	9.437 305	30	0.562 695	9.984 311	2	692	
309	9.421 644	28	9.437 335	30	0.562 665	9.984 309	2	691	
.310	9.421 672	28	9.437 365	29	0.562 635	9.984 307	2	**.690**	
311	9.421 700	27	9.437 394	30	0.562 606	9.984 305	2	689	
312	9.421 727	28	9.437 424	30	0.562 576	9.984 303	2	688	
313	9.421 755	28	9.437 454	30	0.562 546	9.984 301	2	687	
314	9.421 783	27	9.437 484	29	0.562 516	9.984 299	2	686	
315	9.421 810	28	9.437 513	30	0.562 487	9.984 297	2	685	
316	9.421 838	28	9.437 543	30	0.562 457	9.984 295	2	684	
317	9.421 866	27	9.437 573	30	0.562 427	9.984 293	2	683	
318	9.421 893	28	9.437 603	29	0.562 397	9.984 291	2	682	
319	9.421 921	28	9.437 632	30	0.562 368	9.984 289	2	681	
.320	9.421 949	27	9.437 662	30	0.562 338	9.984 287	2	**.680**	
321	9.421 976	28	9.437 692	30	0.562 308	9.984 285	3	679	
322	9.422 004	28	9.437 722	29	0.562 278	9.984 282	2	678	
323	9.422 032	27	9.437 751	30	0.562 249	9.984 280	2	677	
324	9.422 059	28	9.437 781	30	0.562 219	9.984 278	2	676	
325	9.422 087	28	9.437 811	30	0.562 189	9.984 276	2	675	
326	9.422 115	27	9.437 841	29	0.562 159	9.984 274	2	674	
327	9.422 142	28	9.437 870	30	0.562 130	9.984 272	2	673	
328	9.422 170	28	9.437 900	30	0.562 100	9.984 270	2	672	
329	9.422 198	27	9.437 930	30	0.562 070	9.984 268	2	671	
.330	9.422 225	28	9.437 960	29	0.562 040	9.984 266	2	**.670**	
331	9.422 253	28	9.437 989	30	0.562 011	9.984 264	2	669	
332	9.422 281	27	9.438 019	30	0.561 981	9.984 262	2	668	
333	9.422 308	28	9.438 049	29	0.561 951	9.984 260	2	667	
334	9.422 336	28	9.438 078	30	0.561 922	9.984 258	3	666	
335	9.422 364	27	9.438 108	30	0.561 892	9.984 255	2	665	
336	9.422 391	28	9.438 138	30	0.561 862	9.984 253	2	664	
337	9.422 419	28	9.438 168	29	0.561 832	9.984 251	2	663	
338	9.422 447	27	9.438 197	30	0.561 803	9.984 249	2	662	
339	9.422 474	28	9.438 227	30	0.561 773	9.984 247	2	661	
.340	9.422 502	27	9.438 257	29	0.561 743	9.984 245	2	**.660**	
341	9.422 529	28	9.438 286	30	0.561 714	9.984 243	2	659	
342	9.422 557	28	9.438 316	30	0.561 684	9.984 241	2	658	
343	9.422 585	27	9.438 346	30	0.561 654	9.984 239	2	657	
344	9.422 612	28	9.438 376	29	0.561 624	9.984 237	2	656	
345	9.422 640	28	9.438 405	30	0.561 595	9.984 235	2	655	
346	9.422 668	27	9.438 435	30	0.561 565	9.984 233	3	654	
347	9.422 695	28	9.438 465	29	0.561 535	9.984 230	2	653	
348	9.422 723	27	9.438 494	30	0.561 506	9.984 228	2	652	
349	9.422 750	28	9.438 524	30	0.561 476	9.984 226	2	651	
.350	9.422 778		9.438 554		0.561 446	9.984 224		**.650**	
	cos	d	cotg	d	tang	sin	d	**74°**	P.P.

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74°.700 — 74°.650

15°.350 — 15°.400

15°	sin	d	tang	d	cotg	cos	d		P.P.
.350	9.422 778	28	9.438 554	29	0.561 446	9.984 224	2	**.650**	
351	9.422 806	27	9.438 583	30	0.561 417	9.984 222	2	649	
352	9.422 833	28	9.438 613	30	0.561 387	9.984 220	2	648	
353	9.422 861	27	9.438 643	30	0.561 357	9.984 218	2	647	
354	9.422 888	28	9.438 673	29	0.561 327	9.984 216	2	646	
355	9.422 916	28	9.438 702	30	0.561 298	9.984 214	2	645	
356	9.422 944	27	9.438 732	30	0.561 268	9.984 212	2	644	
357	9.422 971	28	9.438 762	29	0.561 238	9.984 210	2	643	
358	9.422 999	27	9.438 791	30	0.561 209	9.984 208	3	642	
359	9.423 026	28	9.438 821	30	0.561 179	9.984 205	2	641	
.360	9.423 054	28	9.438 851	29	0.561 149	9.984 203	2	**.640**	
361	9.423 082	27	9.438 880	30	0.561 120	9.984 201	2	639	
362	9.423 109	28	9.438 910	30	0.561 090	9.984 199	2	638	
363	9.423 137	27	9.438 940	29	0.561 060	9.984 197	2	637	
364	9.423 164	28	9.438 969	30	0.561 031	9.984 195	2	636	
365	9.423 192	28	9.438 999	30	0.561 001	9.984 193	2	635	
366	9.423 220	27	9.439 029	29	0.560 971	9.984 191	2	634	
367	9.423 247	28	9.439 058	30	0.560 942	9.984 189	2	633	
368	9.423 275	27	9.439 088	30	0.560 912	9.984 187	2	632	
369	9.423 302	28	9.439 118	29	0.560 882	9.984 185	2	631	
.370	9.423 330	27	9.439 147	30	0.560 853	9.984 183	2	**.630**	
371	9.423 357	28	9.439 177	30	0.560 823	9.984 181	3	629	
372	9.423 385	28	9.439 207	29	0.560 793	9.984 178	2	628	
373	9.423 413	27	9.439 236	30	0.560 764	9.984 176	2	627	
374	9.423 440	28	9.439 266	30	0.560 734	9.984 174	2	626	
375	9.423 468	27	9.439 296	29	0.560 704	9.984 172	2	625	
376	9.423 495	28	9.439 325	30	0.560 675	9.984 170	2	624	
377	9.423 523	27	9.439 355	30	0.560 645	9.984 168	2	623	
378	9.423 550	28	9.439 385	29	0.560 615	9.984 166	2	622	
379	9.423 578	28	9.439 414	30	0.560 586	9.984 164	2	621	
.380	9.423 606	27	9.439 444	29	0.560 556	9.984 162	2	**.620**	
381	9.423 633	28	9.439 473	30	0.560 527	9.984 160	2	619	
382	9.423 661	27	9.439 503	30	0.560 497	9.984 158	3	618	
383	9.423 688	28	9.439 533	29	0.560 467	9.984 155	2	617	
384	9.423 716	27	9.439 562	30	0.560 438	9.984 153	2	616	
385	9.423 743	28	9.439 592	30	0.560 408	9.984 151	2	615	
386	9.423 771	27	9.439 622	29	0.560 378	9.984 149	2	614	
387	9.423 798	28	9.439 651	30	0.560 349	9.984 147	2	613	
388	9.423 826	27	9.439 681	30	0.560 319	9.984 145	2	612	
389	9.423 853	28	9.439 711	29	0.560 289	9.984 143	2	611	
.390	9.423 881	28	9.439 740	30	0.560 260	9.984 141	2	**.610**	
391	9.423 909	27	9.439 770	29	0.560 230	9.984 139	2	609	
392	9.423 936	28	9.439 799	30	0.560 201	9.984 137	2	608	
393	9.423 964	27	9.439 829	30	0.560 171	9.984 135	2	607	
394	9.423 991	28	9.439 859	29	0.560 141	9.984 133	3	606	
395	9.424 019	27	9.439 888	30	0.560 112	9.984 130	2	605	
396	9.424 046	28	9.439 918	29	0.560 082	9.984 128	2	604	
397	9.424 074	27	9.439 947	30	0.560 053	9.984 126	2	603	
398	9.424 101	28	9.439 977	30	0.560 023	9.984 124	2	602	
399	9.424 129	27	9.440 007	29	0.559 993	9.984 122	2	601	
.400	9.424 156		9.440 036		0.559 964	9.984 120		**.600**	
	cos	d	cotg	d	tang	sin	d	74°	P.P.

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74°.650 — 74°.600

15°.400 — 15°.450

15°	sin	d	tang	d	cotg	cos	d		P.P.
.400	9.424 156	28	9.440 036	30	0.559 964	9.984 120	2	.600	
401	9.424 184	27	9.440 066	30	0.559 934	9.984 118	2	599	
402	9.424 211	28	9.440 096	29	0.559 904	9.984 116	2	598	
403	9.424 239	27	9.440 125	30	0.559 875	9.984 114	2	597	
404	9.424 266	28	9.440 155	29	0.559 845	9.984 112	2	596	
405	9.424 294	27	9.440 184	30	0.559 816	9.984 110	3	595	
406	9.424 321	28	9.440 214	30	0.559 786	9.984 107	2	594	
407	9.424 349	27	9.440 244	29	0.559 756	9.984 105	2	593	
408	9.424 376	28	9.440 273	30	0.559 727	9.984 103	2	592	
409	9.424 404	27	9.440 303	29	0.559 697	9.984 101	2	591	
.410	9.424 431	28	9.440 332	30	0.559 668	9.984 099	2	.590	
411	9.424 459	27	9.440 362	29	0.559 638	9.984 097	2	589	
412	9.424 486	28	9.440 391	30	0.559 609	9.984 095	2	588	
413	9.424 514	27	9.440 421	30	0.559 579	9.984 093	2	587	
414	9.424 541	28	9.440 451	29	0.559 549	9.984 091	2	586	
415	9.424 569	27	9.440 480	30	0.559 520	9.984 089	2	585	
416	9.424 596	28	9.440 510	29	0.559 490	9.984 087	3	584	
417	9.424 624	27	9.440 539	30	0.559 461	9.984 084	2	583	
418	9.424 651	28	9.440 569	30	0.559 431	9.984 082	2	582	
419	9.424 679	27	9.440 599	29	0.559 401	9.984 080	2	581	
.420	9.424 706	28	9.440 628	30	0.559 372	9.984 078	2	.580	
421	9.424 734	27	9.440 658	29	0.559 342	9.984 076	2	579	
422	9.424 761	28	9.440 687	30	0.559 313	9.984 074	2	578	
423	9.424 789	27	9.440 717	29	0.559 283	9.984 072	2	577	
424	9.424 816	28	9.440 746	30	0.559 254	9.984 070	2	576	
425	9.424 844	27	9.440 776	29	0.559 224	9.984 068	2	575	
426	9.424 871	28	9.440 805	30	0.559 195	9.984 066	2	574	
427	9.424 899	27	9.440 835	30	0.559 165	9.984 064	3	573	
428	9.424 926	28	9.440 865	29	0.559 135	9.984 061	2	572	
429	9.424 954	27	9.440 894	30	0.559 106	9.984 059	2	571	
.430	9.424 981	27	9.440 924	29	0.559 076	9.984 057	2	.570	
431	9.425 008	28	9.440 953	30	0.559 047	9.984 055	2	569	
432	9.425 036	27	9.440 983	29	0.559 017	9.984 053	2	568	
433	9.425 063	28	9.441 012	30	0.558 988	9.984 051	2	567	
434	9.425 091	27	9.441 042	29	0.558 958	9.984 049	2	566	
435	9.425 118	28	9.441 071	30	0.558 929	9.984 047	2	565	
436	9.425 146	27	9.441 101	30	0.558 899	9.984 045	2	564	
437	9.425 173	28	9.441 131	29	0.558 869	9.984 043	2	563	
438	9.425 201	27	9.441 160	30	0.558 840	9.984 041	3	562	
439	9.425 228	28	9.441 190	29	0.558 810	9.984 038	2	561	
.440	9.425 256	27	9.441 219	30	0.558 781	9.984 036	2	.560	
441	9.425 283	27	9.441 249	29	0.558 751	9.984 034	2	559	
442	9.425 310	28	9.441 278	30	0.558 722	9.984 032	2	558	
443	9.425 338	27	9.441 308	29	0.558 692	9.984 030	2	557	
444	9.425 365	28	9.441 337	30	0.558 663	9.984 028	2	556	
445	9.425 393	27	9.441 367	29	0.558 633	9.984 026	2	555	
446	9.425 420	28	9.441 396	30	0.558 604	9.984 024	2	554	
447	9.425 448	27	9.441 426	29	0.558 574	9.984 022	2	553	
448	9.425 475	27	9.441 455	30	0.558 545	9.984 020	2	552	
449	9.425 502	28	9.441 485	29	0.558 515	9.984 018	3	551	
.450	9.425 530		9.441 514		0.558 486	9.984 015		.550	
	cos	d	cotg	d	tang	sin	d	74°	P.P.

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74°.600 — 74°.550

15°.450 — 15°.500

15°	sin	d	tang	d	cotg	cos	d		P.P.
.450	9.425 530	27	9.441 514	30	0.558 486	9.984 015	2	**.550**	
451	9.425 557	28	9.441 544	29	0.558 456	9.984 013	2	549	
452	9.425 585	27	9.441 573	30	0.558 427	9.984 011	2	548	
453	9.425 612	28	9.441 603	30	0.558 397	9.984 009	2	547	
454	9.425 640	27	9.441 633	29	0.558 367	9.984 007	2	546	
455	9.425 667	27	9.441 662	30	0.558 338	9.984 005	2	545	
456	9.425 694	28	9.441 692	29	0.558 308	9.984 003	2	544	
457	9.425 722	27	9.441 721	30	0.558 279	9.984 001	2	543	
458	9.425 749	28	9.441 751	29	0.558 249	9.983 999	2	542	
459	9.425 777	27	9.441 780	30	0.558 220	9.983 997	3	541	
.460	9.425 804	27	9.441 810	29	0.558 190	9.983 994	2	**.540**	
461	9.425 831	28	9.441 839	30	0.558 161	9.983 992	2	539	
462	9.425 859	27	9.441 869	29	0.558 131	9.983 990	2	538	
463	9.425 886	28	9.441 898	30	0.558 102	9.983 988	2	537	
464	9.425 914	27	9.441 928	29	0.558 072	9.983 986	2	536	
465	9.425 941	27	9.441 957	30	0.558 043	9.983 984	2	535	
466	9.425 968	28	9.441 987	29	0.558 013	9.983 982	2	534	
467	9.425 996	27	9.442 016	30	0.557 984	9.983 980	2	533	
468	9.426 023	28	9.442 046	29	0.557 954	9.983 978	2	532	
469	9.426 051	27	9.442 075	30	0.557 925	9.983 976	2	531	
.470	9.426 078	27	9.442 105	29	0.557 895	9.983 974	3	**.530**	
471	9.426 105	28	9.442 134	29	0.557 866	9.983 971	2	529	
472	9.426 133	27	9.442 163	30	0.557 837	9.983 969	2	528	
473	9.426 160	28	9.442 193	29	0.557 807	9.983 967	2	527	
474	9.426 188	27	9.442 222	30	0.557 778	9.983 965	2	526	
475	9.426 215	27	9.442 252	29	0.557 748	9.983 963	2	525	
476	9.426 242	28	9.442 281	30	0.557 719	9.983 961	2	524	
477	9.426 270	27	9.442 311	29	0.557 689	9.983 959	2	523	
478	9.426 297	27	9.442 340	30	0.557 660	9.983 957	2	522	
479	9.426 324	28	9.442 370	29	0.557 630	9.983 955	2	521	
.480	9.426 352	27	9.442 399	30	0.557 601	9.983 953	3	**.520**	
481	9.426 379	28	9.442 429	29	0.557 571	9.983 950	2	519	
482	9.426 407	27	9.442 458	30	0.557 542	9.983 948	2	518	
483	9.426 434	27	9.442 488	29	0.557 512	9.983 946	2	517	
484	9.426 461	28	9.442 517	30	0.557 483	9.983 944	2	516	
485	9.426 489	27	9.442 547	29	0.557 453	9.983 942	2	515	
486	9.426 516	27	9.442 576	30	0.557 424	9.983 940	2	514	
487	9.426 543	28	9.442 606	29	0.557 394	9.983 938	2	513	
488	9.426 571	27	9.442 635	29	0.557 365	9.983 936	2	512	
489	9.426 598	27	9.442 664	30	0.557 336	9.983 934	2	511	
.490	9.426 625	28	9.442 694	29	0.557 306	9.983 932	3	**.510**	
491	9.426 653	27	9.442 723	30	0.557 277	9.983 929	2	509	
492	9.426 680	27	9.442 753	29	0.557 247	9.983 927	2	508	
493	9.426 707	28	9.442 782	30	0.557 218	9.983 925	2	507	
494	9.426 735	27	9.442 812	29	0.557 188	9.983 923	2	506	
495	9.426 762	27	9.442 841	30	0.557 159	9.983 921	2	505	
496	9.426 789	28	9.442 871	29	0.557 129	9.983 919	2	504	
497	9.426 817	27	9.442 900	29	0.557 100	9.983 917	2	503	
498	9.426 844	27	9.442 929	30	0.557 071	9.983 915	2	502	
499	9.426 871	28	9.442 959	29	0.557 041	9.983 913	2	501	
.500	9.426 899		9.442 988		0.557 012	9.983 911		**.500**	
	cos	d	cotg	d	tang	sin	d	74°	P.P.

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74°.550 — 74°.500

15°.500 — 15°.550

15°	sin	d	tang	d	cotg	cos	d		P.P.
.500	9.426 899	27	9.442 988	30	0.557 012	9.983 911	3	.500	
501	9.426 926	27	9.443 018	29	0.556 982	9.983 908	2	499	
502	9.426 953	28	9.443 047	30	0.556 953	9.983 906	2	498	
503	9.426 981	27	9.443 077	29	0.556 923	9.983 904	2	497	
504	9.427 008	27	9.443 106	29	0.556 894	9.983 902	2	496	
505	9.427 035	28	9.443 135	30	0.556 865	9.983 900	2	495	
506	9.427 063	27	9.443 165	29	0.556 835	9.983 898	2	494	
507	9.427 090	27	9.443 194	30	0.556 806	9.983 896	2	493	
508	9.427 117	28	9.443 224	29	0.556 776	9.983 894	2	492	
509	9.427 145	27	9.443 253	30	0.556 747	9.983 892	3	491	
.510	9.427 172	27	9.443 283	29	0.556 717	9.983 889	2	.490	
511	9.427 199	28	9.443 312	29	0.556 688	9.983 887	2	489	
512	9.427 227	27	9.443 341	30	0.556 659	9.983 885	2	488	
513	9.427 254	27	9.443 371	29	0.556 629	9.983 883	2	487	
514	9.427 281	28	9.443 400	30	0.556 600	9.983 881	2	486	
515	9.427 309	27	9.443 430	29	0.556 570	9.983 879	2	485	
516	9.427 336	27	9.443 459	29	0.556 541	9.983 877	2	484	
517	9.427 363	28	9.443 488	30	0.556 512	9.983 875	2	483	
518	9.427 391	27	9.443 518	29	0.556 482	9.983 873	2	482	
519	9.427 418	27	9.443 547	30	0.556 453	9.983 871	3	481	
.520	9.427 445	27	9.443 577	29	0.556 423	9.983 868	2	.480	
521	9.427 472	28	9.443 606	29	0.556 394	9.983 866	2	479	
522	9.427 500	27	9.443 635	30	0.556 365	9.983 864	2	478	
523	9.427 527	27	9.443 665	29	0.556 335	9.983 862	2	477	
524	9.427 554	28	9.443 694	30	0.556 306	9.983 860	2	476	
525	9.427 582	27	9.443 724	29	0.556 276	9.983 858	2	475	
526	9.427 609	27	9.443 753	29	0.556 247	9.983 856	2	474	
527	9.427 636	27	9.443 782	30	0.556 218	9.983 854	2	473	
528	9.427 663	28	9.443 812	29	0.556 188	9.983 852	3	472	
529	9.427 691	27	9.443 841	30	0.556 159	9.983 849	2	471	
.530	9.427 718	27	9.443 871	29	0.556 129	9.983 847	2	.470	
531	9.427 745	28	9.443 900	29	0.556 100	9.983 845	2	469	
532	9.427 773	27	9.443 929	30	0.556 071	9.983 843	2	468	
533	9.427 800	27	9.443 959	29	0.556 041	9.983 841	2	467	
534	9.427 827	27	9.443 988	29	0.556 012	9.983 839	2	466	
535	9.427 854	28	9.444 017	30	0.555 983	9.983 837	2	465	
536	9.427 882	27	9.444 047	29	0.555 953	9.983 835	2	464	
537	9.427 909	27	9.444 076	30	0.555 924	9.983 833	2	463	
538	9.427 936	27	9.444 106	29	0.555 894	9.983 831	3	462	
539	9.427 963	28	9.444 135	29	0.555 865	9.983 828	2	461	
.540	9.427 991	27	9.444 164	30	0.555 836	9.983 826	2	.460	
541	9.428 018	27	9.444 194	29	0.555 806	9.983 824	2	459	
542	9.428 045	27	9.444 223	29	0.555 777	9.983 822	2	458	
543	9.428 072	28	9.444 252	30	0.555 748	9.983 820	2	457	
544	9.428 100	27	9.444 282	29	0.555 718	9.983 818	2	456	
545	9.428 127	27	9.444 311	29	0.555 689	9.983 816	2	455	
546	9.428 154	27	9.444 340	30	0.555 660	9.983 814	2	454	
547	9.428 181	28	9.444 370	29	0.555 630	9.983 812	3	453	
548	9.428 209	27	9.444 399	30	0.555 601	9.983 809	2	452	
549	9.428 236	27	9.444 429	29	0.555 571	9.983 807	2	451	
.550	9.428 263		9.444 458		0.555 542	9.983 805		.450	
	cos	d	cotg	d	tang	sin	d	74°	P.P.

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74°.500 — 74°.450

15°.550 — 15°.600

15°	sin	d	tang	d	cotg	cos	d		P.P.
.550	9.428 263	27	9.444 458	29	0.555 542	9.983 805	2	.450	
551	9.428 290	28	9.444 487	30	0.555 513	9.983 803	2	449	
552	9.428 318	27	9.444 517	29	0.555 483	9.983 801	2	448	
553	9.428 345	27	9.444 546	29	0.555 454	9.983 799	2	447	
554	9.428 372	27	9.444 575	30	0.555 425	9.983 797	2	446	
555	9.428 399	28	9.444 605	29	0.555 395	9.983 795	2	445	
556	9.428 427	27	9.444 634	29	0.555 366	9.983 793	3	444	
557	9.428 454	27	9.444 663	30	0.555 337	9.983 790	2	443	
558	9.428 481	27	9.444 693	29	0.555 307	9.983 788	2	442	
559	9.428 508	27	9.444 722	29	0.555 278	9.983 786	2	441	
.560	9.428 535	28	9.444 751	30	0.555 249	9.983 784	2	.440	
561	9.428 563	27	9.444 781	29	0.555 219	9.983 782	2	439	
562	9.428 590	27	9.444 810	29	0.555 190	9.983 780	2	438	
563	9.428 617	27	9.444 839	30	0.555 161	9.983 778	2	437	
564	9.428 644	28	9.444 869	29	0.555 131	9.983 776	2	436	
565	9.428 672	27	9.444 898	29	0.555 102	9.983 774	3	435	
566	9.428 699	27	9.444 927	30	0.555 073	9.983 771	2	434	
567	9.428 726	27	9.444 957	29	0.555 043	9.983 769	2	433	
568	9.428 753	27	9.444 986	29	0.555 014	9.983 767	2	432	
569	9.428 780	28	9.445 015	30	0.554 985	9.983 765	2	431	
.570	9.428 808	27	9.445 045	29	0.554 955	9.983 763	2	.430	
571	9.428 835	27	9.445 074	29	0.554 926	9.983 761	2	429	
572	9.428 862	27	9.445 103	29	0.554 897	9.983 759	2	428	
573	9.428 889	27	9.445 132	30	0.554 868	9.983 757	2	427	
574	9.428 916	28	9.445 162	29	0.554 838	9.983 755	3	426	
575	9.428 944	27	9.445 191	29	0.554 809	9.983 752	2	425	
576	9.428 971	27	9.445 220	30	0.554 780	9.983 750	2	424	
577	9.428 998	27	9.445 250	29	0.554 750	9.983 748	2	423	
578	9.429 025	27	9.445 279	29	0.554 721	9.983 746	2	422	
579	9.429 052	27	9.445 308	30	0.554 692	9.983 744	2	421	
.580	9.429 079	28	9.445 338	29	0.554 662	9.983 742	2	.420	
581	9.429 107	27	9.445 367	29	0.554 633	9.983 740	2	419	
582	9.429 134	27	9.445 396	29	0.554 604	9.983 738	2	418	
583	9.429 161	27	9.445 425	30	0.554 575	9.983 736	3	417	
584	9.429 188	27	9.445 455	29	0.554 545	9.983 733	2	416	
585	9.429 215	28	9.445 484	29	0.554 516	9.983 731	2	415	
586	9.429 243	27	9.445 513	30	0.554 487	9.983 729	2	414	
587	9.429 270	27	9.445 543	29	0.554 457	9.983 727	2	413	
588	9.429 297	27	9.445 572	29	0.554 428	9.983 725	2	412	
589	9.429 324	27	9.445 601	29	0.554 399	9.983 723	2	411	
.590	9.429 351	27	9.445 630	30	0.554 370	9.983 721	2	.410	
591	9.429 378	28	9.445 660	29	0.554 340	9.983 719	2	409	
592	9.429 406	27	9.445 689	29	0.554 311	9.983 717	3	408	
593	9.429 433	27	9.445 718	30	0.554 282	9.983 714	2	407	
594	9.429 460	27	9.445 748	29	0.554 252	9.983 712	2	406	
595	9.429 487	27	9.445 777	29	0.554 223	9.983 710	2	405	
596	9.429 514	27	9.445 806	29	0.554 194	9.983 708	2	404	
597	9.429 541	28	9.445 835	30	0.554 165	9.983 706	2	403	
598	9.429 569	27	9.445 865	29	0.554 135	9.983 704	2	402	
599	9.429 596	27	9.445 894	29	0.554 106	9.983 702	2	401	
.600	9.429 623		9.445 923		0.554 077	9.983 700		.400	
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3	8.7
4	11.6
5	14.5
6	17.4
7	20.3
8	23.2
9	26.1

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1	2.8
2	5.6
3	8.4
4	11.2
5	14.0
6	16.8
7	19.6
8	22.4
9	25.2

	27
1	2.7
2	5.4
3	8.1
4	10.8
5	13.5
6	16.2
7	18.9
8	21.6
9	24.3

74°.450 — 74°.400

15°.600 — 15°.650

15°	sin	d	tang	d	cotg	cos	d		P.P.
.600	9.429 623	27	9.445 923	29	0.554 077	9.983 700	3	**.400**	
601	9.429 650	27	9.445 952	30	0.554 048	9.983 697	2	399	
602	9.429 677	27	9.445 982	29	0.554 018	9.983 695	2	398	
603	9.429 704	27	9.446 011	29	0.553 989	9.983 693	2	397	
604	9.429 731	28	9.446 040	30	0.553 960	9.983 691	2	396	
605	9.429 759	27	9.446 070	29	0.553 930	9.983 689	2	395	
606	9.429 786	27	9.446 099	29	0.553 901	9.983 687	2	394	
607	9.429 813	27	9.446 128	29	0.553 872	9.983 685	2	393	
608	9.429 840	27	9.446 157	30	0.553 843	9.983 683	2	392	
609	9.429 867	27	9.446 187	29	0.553 813	9.983 681	3	391	
.610	9.429 894	27	9.446 216	29	0.553 784	9.983 678	2	**.390**	
611	9.429 921	27	9.446 245	29	0.553 755	9.983 676	2	389	
612	9.429 948	27	9.446 274	30	0.553 726	9.983 674	2	388	
613	9.429 976	28	9.446 304	29	0.553 696	9.983 672	2	387	
614	9.430 003	27	9.446 333	29	0.553 667	9.983 670	2	386	
615	9.430 030	27	9.446 362	29	0.553 638	9.983 668	2	385	
616	9.430 057	27	9.446 391	29	0.553 609	9.983 666	2	384	
617	9.430 084	27	9.446 420	30	0.553 580	9.983 664	3	383	
618	9.430 111	27	9.446 450	29	0.553 550	9.983 661	2	382	
619	9.430 138	27	9.446 479	29	0.553 521	9.983 659	2	381	
.620	9.430 165	28	9.446 508	29	0.553 492	9.983 657	2	**.380**	
621	9.430 193	27	9.446 537	30	0.553 463	9.983 655	2	379	
622	9.430 220	27	9.446 567	29	0.553 433	9.983 653	2	378	
623	9.430 247	27	9.446 596	29	0.553 404	9.983 651	2	377	
624	9.430 274	27	9.446 625	29	0.553 375	9.983 649	2	376	
625	9.430 301	27	9.446 654	30	0.553 346	9.983 647	2	375	
626	9.430 328	27	9.446 684	29	0.553 316	9.983 645	3	374	
627	9.430 355	27	9.446 713	29	0.553 287	9.983 642	2	373	
628	9.430 382	27	9.446 742	29	0.553 258	9.983 640	2	372	
629	9.430 409	27	9.446 771	29	0.553 229	9.983 638	2	371	
.630	9.430 436	28	9.446 800	30	0.553 200	9.983 636	2	**.370**	
631	9.430 464	27	9.446 830	29	0.553 170	9.983 634	2	369	
632	9.430 491	27	9.446 859	29	0.553 141	9.983 632	2	368	
633	9.430 518	27	9.446 888	29	0.553 112	9.983 630	2	367	
634	9.430 545	27	9.446 917	29	0.553 083	9.983 628	3	366	
635	9.430 572	27	9.446 946	30	0.553 054	9.983 625	2	365	
636	9.430 599	27	9.446 976	29	0.553 024	9.983 623	2	364	
637	9.430 626	27	9.447 005	29	0.552 995	9.983 621	2	363	
638	9.430 653	27	9.447 034	29	0.552 966	9.983 619	2	362	
639	9.430 680	27	9.447 063	29	0.552 937	9.983 617	2	361	
.640	9.430 707	27	9.447 092	30	0.552 908	9.983 615	2	**.360**	
641	9.430 734	27	9.447 122	29	0.552 878	9.983 613	2	359	
642	9.430 761	27	9.447 151	29	0.552 849	9.983 611	3	358	
643	9.430 788	28	9.447 180	29	0.552 820	9.983 608	2	357	
644	9.430 816	27	9.447 209	29	0.552 791	9.983 606	2	356	
645	9.430 843	27	9.447 238	30	0.552 762	9.983 604	2	355	
646	9.430 870	27	9.447 268	29	0.552 732	9.983 602	2	354	
647	9.430 897	27	9.447 297	29	0.552 703	9.983 600	2	353	
648	9.430 924	27	9.447 326	29	0.552 674	9.983 598	2	352	
649	9.430 951	27	9.447 355	29	0.552 645	9.983 596	2	351	
.650	9.430 978	27	9.447 384	29	0.552 616	9.983 594	2	**.350**	
	cos	d	cotg	d	tang	sin	d	**74°**	P.P.

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1	3.0
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9	27.0

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8	23.2
9	26.1

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5	14.0
6	16.8
7	19.6
8	22.4
9	25.2

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3	8.1
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5	13.5
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7	18.9
8	21.6
9	24.3

74°.400 — 74°.350

15°.650 — 15°.700

15°	sin	d	tang	d	cotg	cos	d		P.P.
.650	9.430 978	27	9.447 384	30	0.552 616	9.983 594	3	**.350**	
651	9.431 005	27	9.447 414	29	0.552 586	9.983 591	2	349	
652	9.431 032	27	9.447 443	29	0.552 557	9.983 589	2	348	
653	9.431 059	27	9.447 472	29	0.552 528	9.983 587	2	347	
654	9.431 086	27	9.447 501	29	0.552 499	9.983 585	2	346	
655	9.431 113	27	9.447 530	29	0.552 470	9.983 583	2	345	
656	9.431 140	27	9.447 559	30	0.552 441	9.983 581	2	344	
657	9.431 167	27	9.447 589	29	0.552 411	9.983 579	2	343	
658	9.431 194	27	9.447 618	29	0.552 382	9.983 577	3	342	
659	9.431 221	27	9.447 647	29	0.552 353	9.983 574	2	341	
.660	9.431 248	27	9.447 676	29	0.552 324	9.983 572	2	**.340**	
661	9.431 275	27	9.447 705	29	0.552 295	9.983 570	2	339	
662	9.431 302	27	9.447 734	30	0.552 266	9.983 568	2	338	
663	9.431 330	28	9.447 764	29	0.552 236	9.983 566	2	337	
664	9.431 357	27	9.447 793	29	0.552 207	9.983 564	2	336	
665	9.431 384	27	9.447 822	29	0.552 178	9.983 562	2	335	
666	9.431 411	27	9.447 851	29	0.552 149	9.983 560	3	334	
667	9.431 438	27	9.447 880	29	0.552 120	9.983 557	2	333	
668	9.431 465	27	9.447 909	29	0.552 091	9.983 555	2	332	
669	9.431 492	27	9.447 938	30	0.552 062	9.983 553	2	331	
.670	9.431 519	27	9.447 968	29	0.552 032	9.983 551	2	**.330**	
671	9.431 546	27	9.447 997	29	0.552 003	9.983 549	2	329	
672	9.431 573	27	9.448 026	29	0.551 974	9.983 547	2	328	
673	9.431 600	27	9.448 055	29	0.551 945	9.983 545	2	327	
674	9.431 627	27	9.448 084	29	0.551 916	9.983 543	3	326	
675	9.431 654	27	9.448 113	29	0.551 887	9.983 540	2	325	
676	9.431 681	27	9.448 142	30	0.551 858	9.983 538	2	324	
677	9.431 708	27	9.448 172	29	0.551 828	9.983 536	2	323	
678	9.431 735	27	9.448 201	29	0.551 799	9.983 534	2	322	
679	9.431 762	27	9.448 230	29	0.551 770	9.983 532	2	321	
.680	9.431 789	27	9.448 259	29	0.551 741	9.983 530	2	**.320**	
681	9.431 816	27	9.448 288	29	0.551 712	9.983 528	2	319	
682	9.431 843	27	9.448 317	29	0.551 683	9.983 526	3	318	
683	9.431 870	27	9.448 346	29	0.551 654	9.983 523	2	317	
684	9.431 897	27	9.448 375	30	0.551 625	9.983 521	2	316	
685	9.431 924	27	9.448 405	29	0.551 595	9.983 519	2	315	
686	9.431 951	27	9.448 434	29	0.551 566	9.983 517	2	314	
687	9.431 978	27	9.448 463	29	0.551 537	9.983 515	2	313	
688	9.432 005	27	9.448 492	29	0.551 508	9.983 513	2	312	
689	9.432 032	27	9.448 521	29	0.551 479	9.983 511	2	311	
.690	9.432 059	27	9.448 550	29	0.551 450	9.983 509	3	**.310**	
691	9.432 086	27	9.448 579	29	0.551 421	9.983 506	2	309	
692	9.432 113	27	9.448 608	30	0.551 392	9.983 504	2	308	
693	9.432 140	27	9.448 638	29	0.551 362	9.983 502	2	307	
694	9.432 167	27	9.448 667	29	0.551 333	9.983 500	2	306	
695	9.432 194	27	9.448 696	29	0.551 304	9.983 498	2	305	
696	9.432 221	27	9.448 725	29	0.551 275	9.983 496	2	304	
697	9.432 248	27	9.448 754	29	0.551 246	9.983 494	2	303	
698	9.432 275	27	9.448 783	29	0.551 217	9.983 492	3	302	
699	9.432 302	27	9.448 812	29	0.551 188	9.983 489	2	301	
.700	9.432 329	27	9.448 841	29	0.551 159	9.983 487		**.300**	
	cos	d	cotg	d	tang	sin	d	74°	P.P.

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1	3.0
2	6.0
3	9.0
4	12.0
5	15.0
6	18.0
7	21.0
8	24.0
9	27.0

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3	8.7
4	11.6
5	14.5
6	17.4
7	20.3
8	23.2
9	26.1

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1	2.8
2	5.6
3	8.4
4	11.2
5	14.0
6	16.8
7	19.6
8	22.4
9	25.2

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1	2.7
2	5.4
3	8.1
4	10.8
5	13.5
6	16.2
7	18.9
8	21.6
9	24.3

74°.350 — 74°.300

15°.700 — 15°.750

15°	sin	d	tang	d	cotg	cos	d		P.P.
.700	9.432 329	26	9.448 841	29	0.551 159	9.983 487	2	**.300**	
701	9.432 355	27	9.448 870	29	0.551 130	9.983 485	2	299	
702	9.432 382	27	9.448 899	30	0.551 101	9.983 483	2	298	
703	9.432 409	27	9.448 929	29	0.551 071	9.983 481	2	297	
704	9.432 436	27	9.448 958	29	0.551 042	9.983 479	2	296	
705	9.432 463	27	9.448 987	29	0.551 013	9.983 477	3	295	
706	9.432 490	27	9.449 016	29	0.550 984	9.983 474	2	294	
707	9.432 517	27	9.449 045	29	0.550 955	9.983 472	2	293	
708	9.432 544	27	9.449 074	29	0.550 926	9.983 470	2	292	
709	9.432 571	27	9.449 103	29	0.550 897	9.983 468	2	291	
.710	9.432 598	27	9.449 132	29	0.550 868	9.983 466	2	**.290**	
711	9.432 625	27	9.449 161	29	0.550 839	9.983 464	2	289	
712	9.432 652	27	9.449 190	29	0.550 810	9.983 462	2	288	
713	9.432 679	27	9.449 219	29	0.550 781	9.983 460	3	287	
714	9.432 706	27	9.449 248	30	0.550 752	9.983 457	2	286	
715	9.432 733	27	9.449 278	29	0.550 722	9.983 455	2	285	
716	9.432 760	27	9.449 307	29	0.550 693	9.983 453	2	284	
717	9.432 787	27	9.449 336	29	0.550 664	9.983 451	2	283	
718	9.432 814	27	9.449 365	29	0.550 635	9.983 449	2	282	
719	9.432 841	27	9.449 394	29	0.550 606	9.983 447	2	281	
.720	9.432 867	26	9.449 423	29	0.550 577	9.983 445	2	**.280**	
721	9.432 894	27	9.449 452	29	0.550 548	9.983 442	3	279	
722	9.432 921	27	9.449 481	29	0.550 519	9.983 440	2	278	
723	9.432 948	27	9.449 510	29	0.550 490	9.983 438	2	277	
724	9.432 975	27	9.449 539	29	0.550 461	9.983 436	2	276	
725	9.433 002	27	9.449 568	29	0.550 432	9.983 434	2	275	
726	9.433 029	27	9.449 597	29	0.550 403	9.983 432	2	274	
727	9.433 056	27	9.449 626	29	0.550 374	9.983 430	2	273	
728	9.433 083	27	9.449 655	29	0.550 345	9.983 428	2	272	
729	9.433 110	27	9.449 684	29	0.550 316	9.983 425	3	271	
.730	9.433 137	27	9.449 713	29	0.550 287	9.983 423	2	**.270**	
731	9.433 164	27	9.449 742	29	0.550 258	9.983 421	2	269	
732	9.433 191	27	9.449 772	30	0.550 228	9.983 419	2	268	
733	9.433 217	26	9.449 801	29	0.550 199	9.983 417	2	267	
734	9.433 244	27	9.449 830	29	0.550 170	9.983 415	2	266	
735	9.433 271	27	9.449 859	29	0.550 141	9.983 413	2	265	
736	9.433 298	27	9.449 888	29	0.550 112	9.983 410	3	264	
737	9.433 325	27	9.449 917	29	0.550 083	9.983 408	2	263	
738	9.433 352	27	9.449 946	29	0.550 054	9.983 406	2	262	
739	9.433 379	27	9.449 975	29	0.550 025	9.983 404	2	261	
.740	9.433 406	27	9.450 004	29	0.549 996	9.983 402	2	**.260**	
741	9.433 433	27	9.450 033	29	0.549 967	9.983 400	2	259	
742	9.433 459	26	9.450 062	29	0.549 938	9.983 398	2	258	
743	9.433 486	27	9.450 091	29	0.549 909	9.983 396	2	257	
744	9.433 513	27	9.450 120	29	0.549 880	9.983 393	3	256	
745	9.433 540	27	9.450 149	29	0.549 851	9.983 391	2	255	
746	9.433 567	27	9.450 178	29	0.549 822	9.983 389	2	254	
747	9.433 594	27	9.450 207	29	0.549 793	9.983 387	2	253	
748	9.433 621	27	9.450 236	29	0.549 764	9.983 385	2	252	
749	9.433 648	27	9.450 265	29	0.549 735	9.983 383	2	251	
.750	9.433 675	27	9.450 294	29	0.549 706	9.983 381	2	**.250**	
	cos	d	cotg	d	tang	sin	d	74°	P.P.

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1	3.0
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5	15.0
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3	8.1
4	10.8
5	13.5
6	16.2
7	18.9
8	21.6
9	24.3

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1	2.6
2	5.2
3	7.8
4	10.4
5	13.0
6	15.6
7	18.2
8	20.8
9	23.4

74°.300 — 74°.250

15°.750 — 15°.800

15°	sin	d	tang	d	cotg	cos	d		P.P.
.750	9.433 675	26	9.450 294	29	0.549 706	9.983 381	3	**.250**	
751	9.433 701	27	9.450 323	29	0.549 677	9.983 378	2	249	
752	9.433 728	27	9.450 352	29	0.549 648	9.983 376	2	248	
753	9.433 755	27	9.450 381	29	0.549 619	9.983 374	2	247	
754	9.433 782	27	9.450 410	29	0.549 590	9.983 372	2	246	
755	9.433 809	27	9.450 439	29	0.549 561	9.983 370	2	245	
756	9.433 836	27	9.450 468	29	0.549 532	9.983 368	2	244	
757	9.433 863	27	9.450 497	29	0.549 503	9.983 366	3	243	
758	9.433 890	27	9.450 526	29	0.549 474	9.983 363	2	242	
759	9.433 916	26	9.450 555	29	0.549 445	9.983 361	2	241	
.760	9.433 943	27	9.450 584	29	0.549 416	9.983 359	2	**.240**	
761	9.433 970	27	9.450 613	29	0.549 387	9.983 357	2	239	
762	9.433 997	27	9.450 642	29	0.549 358	9.983 355	2	238	
763	9.434 024	27	9.450 671	29	0.549 329	9.983 353	2	237	
764	9.434 051	27	9.450 700	29	0.549 300	9.983 351	3	236	
765	9.434 078	27	9.450 729	29	0.549 271	9.983 348	2	235	
766	9.434 104	26	9.450 758	29	0.549 242	9.983 346	2	234	
767	9.434 131	27	9.450 787	29	0.549 213	9.983 344	2	233	
768	9.434 158	27	9.450 816	29	0.549 184	9.983 342	2	232	
769	9.434 185	27	9.450 845	29	0.549 155	9.983 340	2	231	
.770	9.434 212	27	9.450 874	29	0.549 126	9.983 338	2	**.230**	
771	9.434 239	27	9.450 903	29	0.549 097	9.983 336	3	229	
772	9.434 265	26	9.450 932	29	0.549 068	9.983 333	2	228	
773	9.434 292	27	9.450 961	29	0.549 039	9.983 331	2	227	
774	9.434 319	27	9.450 990	29	0.549 010	9.983 329	2	226	
775	9.434 346	27	9.451 019	29	0.548 981	9.983 327	2	225	
776	9.434 373	27	9.451 048	29	0.548 952	9.983 325	2	224	
777	9.434 400	27	9.451 077	29	0.548 923	9.983 323	2	223	
778	9.434 426	26	9.451 106	29	0.548 894	9.983 321	2	222	
779	9.434 453	27	9.451 135	29	0.548 865	9.983 318	3	221	
.780	9.434 480	27	9.451 164	29	0.548 836	9.983 316	2	**.220**	
781	9.434 507	27	9.451 193	29	0.548 807	9.983 314	2	219	
782	9.434 534	27	9.451 222	29	0.548 778	9.983 312	2	218	
783	9.434 561	27	9.451 251	29	0.548 749	9.983 310	2	217	
784	9.434 587	26	9.451 280	29	0.548 720	9.983 308	2	216	
785	9.434 614	27	9.451 309	29	0.548 691	9.983 306	2	215	
786	9.434 641	27	9.451 337	28	0.548 663	9.983 303	3	214	
787	9.434 668	27	9.451 366	29	0.548 634	9.983 301	2	213	
788	9.434 695	27	9.451 395	29	0.548 605	9.983 299	2	212	
789	9.434 721	26	9.451 424	29	0.548 576	9.983 297	2	211	
.790	9.434 748	27	9.451 453	29	0.548 547	9.983 295	2	**.210**	
791	9.434 775	27	9.451 482	29	0.548 518	9.983 293	2	209	
792	9.434 802	27	9.451 511	29	0.548 489	9.983 291	2	208	
793	9.434 829	27	9.451 540	29	0.548 460	9.983 288	3	207	
794	9.434 855	26	9.451 569	29	0.548 431	9.983 286	2	206	
795	9.434 882	27	9.451 598	29	0.548 402	9.983 284	2	205	
796	9.434 909	27	9.451 627	29	0.548 373	9.983 282	2	204	
797	9.434 936	27	9.451 656	29	0.548 344	9.983 280	2	203	
798	9.434 963	27	9.451 685	29	0.548 315	9.983 278	2	202	
799	9.434 989	26	9.451 714	29	0.548 286	9.983 276	2	201	
.800	9.435 016	27	9.451 743	29	0.548 257	9.983 273	3	**.200**	
	cos	d	cotg	d	tang	sin	d	**74°**	P.P.

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7	19.6
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5	13.5
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2	5.2
3	7.8
4	10.4
5	13.0
6	15.6
7	18.2
8	20.8
9	23.4

74°.250 — 74°.200

15°.800 — 15°.850

15°	sin	d	tang	d	cotg	cos	d		P.P.
.800	9.435 016	27	9.451 743	29	0.548 257	9.983 273	2	.200	
801	9.435 043	27	9.451 772	29	0.548 228	9.983 271	2	199	
802	9.435 070	26	9.451 801	28	0.548 199	9.983 269	2	198	
803	9.435 096	27	9.451 829	29	0.548 171	9.983 267	2	197	
804	9.435 123	27	9.451 858	29	0.548 142	9.983 265	2	196	
805	9.435 150	27	9.451 887	29	0.548 113	9.983 263	2	195	
806	9.435 177	27	9.451 916	29	0.548 084	9.983 261	3	194	
807	9.435 204	26	9.451 945	29	0.548 055	9.983 258	2	193	
808	9.435 230	27	9.451 974	29	0.548 026	9.983 256	2	192	
809	9.435 257	27	9.452 003	29	0.547 997	9.983 254	2	191	
.810	9.435 284	27	9.452 032	29	0.547 968	9.983 252	2	.190	
811	9.435 311	26	9.452 061	29	0.547 939	9.983 250	2	189	
812	9.435 337	27	9.452 090	29	0.547 910	9.983 248	2	188	
813	9.435 364	27	9.452 119	29	0.547 881	9.983 246	3	187	
814	9.435 391	27	9.452 148	28	0.547 852	9.983 243	2	186	
815	9.435 418	26	9.452 176	29	0.547 824	9.983 241	2	185	
816	9.435 444	27	9.452 205	29	0.547 795	9.983 239	2	184	
817	9.435 471	27	9.452 234	29	0.547 766	9.983 237	2	183	
818	9.435 498	27	9.452 263	29	0.547 737	9.983 235	2	182	
819	9.435 525	27	9.452 292	29	0.547 708	9.983 233	2	181	
.820	9.435 552	26	9.452 321	29	0.547 679	9.983 231	3	.180	
821	9.435 578	27	9.452 350	29	0.547 650	9.983 228	2	179	
822	9.435 605	27	9.452 379	29	0.547 621	9.983 226	2	178	
823	9.435 632	27	9.452 408	29	0.547 592	9.983 224	2	177	
824	9.435 659	26	9.452 437	28	0.547 563	9.983 222	2	176	
825	9.435 685	27	9.452 465	29	0.547 535	9.983 220	2	175	
826	9.435 712	27	9.452 494	29	0.547 506	9.983 218	2	174	
827	9.435 739	26	9.452 523	29	0.547 477	9.983 216	3	173	
828	9.435 765	27	9.452 552	29	0.547 448	9.983 213	2	172	
829	9.435 792	27	9.452 581	29	0.547 419	9.983 211	2	171	
.830	9.435 819	27	9.452 610	29	0.547 390	9.983 209	2	.170	
831	9.435 846	26	9.452 639	29	0.547 361	9.983 207	2	169	
832	9.435 872	27	9.452 668	29	0.547 332	9.983 205	2	168	
833	9.435 899	27	9.452 697	28	0.547 303	9.983 203	3	167	
834	9.435 926	27	9.452 725	29	0.547 275	9.983 200	2	166	
835	9.435 953	26	9.452 754	29	0.547 246	9.983 198	2	165	
836	9.435 979	27	9.452 783	29	0.547 217	9.983 196	2	164	
837	9.436 006	27	9.452 812	29	0.547 188	9.983 194	2	163	
838	9.436 033	26	9.452 841	29	0.547 159	9.983 192	2	162	
839	9.436 059	27	9.452 870	29	0.547 130	9.983 190	2	161	
.840	9.436 086	27	9.452 899	28	0.547 101	9.983 188	3	.160	
841	9.436 113	27	9.452 927	29	0.547 073	9.983 185	2	159	
842	9.436 140	26	9.452 956	29	0.547 044	9.983 183	2	158	
843	9.436 166	27	9.452 985	29	0.547 015	9.983 181	2	157	
844	9.436 193	27	9.453 014	29	0.546 986	9.983 179	2	156	
845	9.436 220	26	9.453 043	29	0.546 957	9.983 177	2	155	
846	9.436 246	27	9.453 072	29	0.546 928	9.983 175	2	154	
847	9.436 273	27	9.453 101	28	0.546 899	9.983 173	3	153	
848	9.436 300	27	9.453 129	29	0.546 871	9.983 170	2	152	
849	9.436 327	26	9.453 158	29	0.546 842	9.983 168	2	151	
.850	9.436 353		9.453 187		0.546 813	9.983 166		.150	
	cos	d	cotg	d	tang	sin	d	74°	P.P.

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9	23.4

74°.200 — 74°.150

15°.850 — 15°.900

15°	sin	d	tang	d	cotg	cos	d		P.P.
.850	9.436 353	27	9.453 187	29	0.546 813	9.983 166	2	.150	
851	9.436 380	27	9.453 216	29	0.546 784	9.983 164	2	149	
852	9.436 407	26	9.453 245	29	0.546 755	9.983 162	2	148	
853	9.436 433	27	9.453 274	29	0.546 726	9.983 160	3	147	
854	9.436 460	27	9.453 303	28	0.546 697	9.983 157	2	146	
855	9.436 487	26	9.453 331	29	0.546 669	9.983 155	2	145	
856	9.436 513	27	9.453 360	29	0.546 640	9.983 153	2	144	
857	9.436 540	27	9.453 389	29	0.546 611	9.983 151	2	143	
858	9.436 567	26	9.453 418	29	0.546 582	9.983 149	2	142	
859	9.436 593	27	9.453 447	29	0.546 553	9.983 147	2	141	
.860	9.436 620	27	9.453 476	28	0.546 524	9.983 145	3	.140	
861	9.436 647	26	9.453 504	29	0.546 496	9.983 142	2	139	
862	9.436 673	27	9.453 533	29	0.546 467	9.983 140	2	138	
863	9.436 700	27	9.453 562	29	0.546 438	9.983 138	2	137	
864	9.436 727	27	9.453 591	29	0.546 409	9.983 136	2	136	
865	9.436 754	26	9.453 620	29	0.546 380	9.983 134	2	135	
866	9.436 780	27	9.453 649	28	0.546 351	9.983 132	3	134	
867	9.436 807	27	9.453 677	29	0.546 323	9.983 129	2	133	
868	9.436 834	26	9.453 706	29	0.546 294	9.983 127	2	132	
869	9.436 860	27	9.453 735	29	0.546 265	9.983 125	2	131	
.870	9.436 887	27	9.453 764	29	0.546 236	9.983 123	2	.130	
871	9.436 914	26	9.453 793	28	0.546 207	9.983 121	2	129	
872	9.436 940	27	9.453 821	29	0.546 179	9.983 119	2	128	
873	9.436 967	26	9.453 850	29	0.546 150	9.983 117	3	127	
874	9.436 993	27	9.453 879	29	0.546 121	9.983 114	2	126	
875	9.437 020	27	9.453 908	29	0.546 092	9.983 112	2	125	
876	9.437 047	26	9.453 937	29	0.546 063	9.983 110	2	124	
877	9.437 073	27	9.453 966	28	0.546 034	9.983 108	2	123	
878	9.437 100	27	9.453 994	29	0.546 006	9.983 106	2	122	
879	9.437 127	26	9.454 023	29	0.545 977	9.983 104	3	121	
.880	9.437 153	27	9.454 052	29	0.545 948	9.983 101	2	.120	
881	9.437 180	27	9.454 081	29	0.545 919	9.983 099	2	119	
882	9.437 207	26	9.454 110	28	0.545 890	9.983 097	2	118	
883	9.437 233	27	9.454 138	29	0.545 862	9.983 095	2	117	
884	9.437 260	27	9.454 167	29	0.545 833	9.983 093	2	116	
885	9.437 287	26	9.454 196	29	0.545 804	9.983 091	3	115	
886	9.437 313	27	9.454 225	29	0.545 775	9.983 088	2	114	
887	9.437 340	26	9.454 254	28	0.545 746	9.983 086	2	113	
888	9.437 366	27	9.454 282	29	0.545 718	9.983 084	2	112	
889	9.437 393	27	9.454 311	29	0.545 689	9.983 082	2	111	
.890	9.437 420	26	9.454 340	29	0.545 660	9.983 080	2	.110	
891	9.437 446	27	9.454 369	28	0.545 631	9.983 078	2	109	
892	9.437 473	27	9.454 397	29	0.545 603	9.983 076	3	108	
893	9.437 500	26	9.454 426	29	0.545 574	9.983 073	2	107	
894	9.437 526	27	9.454 455	29	0.545 545	9.983 071	2	106	
895	9.437 553	26	9.454 484	29	0.545 516	9.983 069	2	105	
896	9.437 579	27	9.454 513	28	0.545 487	9.983 067	2	104	
897	9.437 606	27	9.454 541	29	0.545 459	9.983 065	2	103	
898	9.437 633	26	9.454 570	29	0.545 430	9.983 063	3	102	
899	9.437 659	27	9.454 599	29	0.545 401	9.983 060	2	101	
.900	9.437 686		9.454 628		0.545 372	9.983 058		.100	
	cos	d	cotg	d	tang	sin	d	74°	P.P.

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6	15.6
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9	23.4

74°.150 — 74°.100

15°.900 — 15°.950

15°	sin	d	tang	d	cotg	cos	d		P.P.
.900	9.437 686	27	9.454 628	28	0.545 372	9.983 058	2	**.100**	
901	9.437 713	26	9.454 656	29	0.545 344	9.983 056	2	099	
902	9.437 739	27	9.454 685	29	0.545 315	9.983 054	2	098	
903	9.437 766	26	9.454 714	29	0.545 286	9.983 052	2	097	
904	9.437 792	27	9.454 743	28	0.545 257	9.983 050	3	096	
905	9.437 819	27	9.454 771	29	0.545 229	9.983 047	2	095	
906	9.437 846	26	9.454 800	29	0.545 200	9.983 045	2	094	
907	9.437 872	27	9.454 829	29	0.545 171	9.983 043	2	093	
908	9.437 899	26	9.454 858	28	0.545 142	9.983 041	2	092	
909	9.437 925	27	9.454 886	29	0.545 114	9.983 039	2	091	
.910	9.437 952	27	9.454 915	29	0.545 085	9.983 037	2	**.090**	
911	9.437 979	26	9.454 944	29	0.545 056	9.983 035	3	089	
912	9.438 005	27	9.454 973	29	0.545 027	9.983 032	2	088	
913	9.438 032	26	9.455 002	28	0.544 998	9.983 030	2	087	
914	9.438 058	27	9.455 030	29	0.544 970	9.983 028	2	086	
915	9.438 085	26	9.455 059	29	0.544 941	9.983 026	2	085	
916	9.438 111	27	9.455 088	28	0.544 912	9.983 024	2	084	
917	9.438 138	27	9.455 116	29	0.544 884	9.983 022	3	083	
918	9.438 165	26	9.455 145	29	0.544 855	9.983 019	2	082	
919	9.438 191	27	9.455 174	29	0.544 826	9.983 017	2	081	
.920	9.438 218	26	9.455 203	28	0.544 797	9.983 015	2	**.080**	
921	9.438 244	27	9.455 231	29	0.544 769	9.983 013	2	079	
922	9.438 271	26	9.455 260	29	0.544 740	9.983 011	2	078	
923	9.438 297	27	9.455 289	29	0.544 711	9.983 009	3	077	
924	9.438 324	27	9.455 318	28	0.544 682	9.983 006	2	076	
925	9.438 351	26	9.455 346	29	0.544 654	9.983 004	2	075	
926	9.438 377	27	9.455 375	29	0.544 625	9.983 002	2	074	
927	9.438 404	26	9.455 404	29	0.544 596	9.983 000	2	073	
928	9.438 430	27	9.455 433	28	0.544 567	9.982 998	2	072	
929	9.438 457	26	9.455 461	29	0.544 539	9.982 996	3	071	
.930	9.438 483	27	9.455 490	29	0.544 510	9.982 993	2	**.070**	
931	9.438 510	27	9.455 519	28	0.544 481	9.982 991	2	069	
932	9.438 537	26	9.455 547	29	0.544 453	9.982 989	2	068	
933	9.438 563	27	9.455 576	29	0.544 424	9.982 987	2	067	
934	9.438 590	26	9.455 605	29	0.544 395	9.982 985	2	066	
935	9.438 616	27	9.455 634	28	0.544 366	9.982 983	3	065	
936	9.438 643	26	9.455 662	29	0.544 338	9.982 980	2	064	
937	9.438 669	27	9.455 691	29	0.544 309	9.982 978	2	063	
938	9.438 696	26	9.455 720	28	0.544 280	9.982 976	2	062	
939	9.438 722	27	9.455 748	29	0.544 252	9.982 974	2	061	
.940	9.438 749	26	9.455 777	29	0.544 223	9.982 972	2	**.060**	
941	9.438 775	27	9.455 806	29	0.544 194	9.982 970	3	059	
942	9.438 802	26	9.455 835	28	0.544 165	9.982 967	2	058	
943	9.438 828	27	9.455 863	29	0.544 137	9.982 965	2	057	
944	9.438 855	27	9.455 892	29	0.544 108	9.982 963	2	056	
945	9.438 882	26	9.455 921	28	0.544 079	9.982 961	2	055	
946	9.438 908	27	9.455 949	29	0.544 051	9.982 959	2	054	
947	9.438 935	26	9.455 978	29	0.544 022	9.982 957	3	053	
948	9.438 961	27	9.456 007	28	0.543 993	9.982 954	2	052	
949	9.438 988	26	9.456 035	29	0.543 965	9.982 952	2	051	
.950	9.439 014		9.456 064		0.543 936	9.982 950		**.050**	
	cos	d	cotg	d	tang	sin	d	74°	P.P.

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7	18.2
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74°.100 — 74°.050

15°.950 — 16°.000

15°	sin	d	tang	d	cotg	cos	d		P.P.
.950	9.439 014	27	9.456 064	29	0.543 936	9.982 950	2	.050	
951	9.439 041	26	9.456 093	28	0.543 907	9.982 948	2	049	
952	9.439 067	27	9.456 121	29	0.543 879	9.982 946	2	048	
953	9.439 094	26	9.456 150	29	0.543 850	9.982 944	3	047	
954	9.439 120	27	9.456 179	28	0.543 821	9.982 941	2	046	
955	9.439 147	26	9.456 207	29	0.543 793	9.982 939	2	045	
956	9.439 173	27	9.456 236	29	0.543 764	9.982 937	2	044	
957	9.439 200	26	9.456 265	29	0.543 735	9.982 935	2	043	
958	9.439 226	27	9.456 294	28	0.543 706	9.982 933	2	042	
959	9.439 253	26	9.456 322	29	0.543 678	9.982 931	3	041	
.960	9.439 279	27	9.456 351	29	0.543 649	9.982 928	2	.040	
961	9.439 306	26	9.456 380	28	0.543 620	9.982 926	2	039	
962	9.439 332	27	9.456 408	29	0.543 592	9.982 924	2	038	
963	9.439 359	26	9.456 437	29	0.543 563	9.982 922	2	037	
964	9.439 385	27	9.456 466	28	0.543 534	9.982 920	2	036	
965	9.439 412	26	9.456 494	29	0.543 506	9.982 918	3	035	
966	9.439 438	27	9.456 523	29	0.543 477	9.982 915	2	034	
967	9.439 465	26	9.456 552	28	0.543 448	9.982 913	2	033	
968	9.439 491	27	9.456 580	29	0.543 420	9.982 911	2	032	
969	9.439 518	26	9.456 609	28	0.543 391	9.982 909	2	031	
.970	9.439 544	27	9.456 637	29	0.543 363	9.982 907	2	.030	
971	9.439 571	26	9.456 666	29	0.543 334	9.982 905	3	029	
972	9.439 597	27	9.456 695	28	0.543 305	9.982 902	2	028	
973	9.439 624	26	9.456 723	29	0.543 277	9.982 900	2	027	
974	9.439 650	27	9.456 752	29	0.543 248	9.982 898	2	026	
975	9.439 677	26	9.456 781	28	0.543 219	9.982 896	2	025	
976	9.439 703	27	9.456 809	29	0.543 191	9.982 894	2	024	
977	9.439 730	26	9.456 838	29	0.543 162	9.982 892	3	023	
978	9.439 756	27	9.456 867	28	0.543 133	9.982 889	2	022	
979	9.439 783	26	9.456 895	29	0.543 105	9.982 887	2	021	
.980	9.439 809	27	9.456 924	29	0.543 076	9.982 885	2	.020	
981	9.439 836	26	9.456 953	28	0.543 047	9.982 883	2	019	
982	9.439 862	26	9.456 981	29	0.543 019	9.982 881	2	018	
983	9.439 888	27	9.457 010	29	0.542 990	9.982 879	3	017	
984	9.439 915	26	9.457 039	28	0.542 961	9.982 876	2	016	
985	9.439 941	27	9.457 067	29	0.542 933	9.982 874	2	015	
986	9.439 968	26	9.457 096	28	0.542 904	9.982 872	2	014	
987	9.439 994	27	9.457 124	29	0.542 876	9.982 870	2	013	
988	9.440 021	26	9.457 153	29	0.542 847	9.982 868	2	012	
989	9.440 047	27	9.457 182	28	0.542 818	9.982 866	3	011	
.990	9.440 074	26	9.457 210	29	0.542 790	9.982 863	2	.010	
991	9.440 100	27	9.457 239	29	0.542 761	9.982 861	2	009	
992	9.440 127	26	9.457 268	28	0.542 732	9.982 859	2	008	
993	9.440 153	26	9.457 296	29	0.542 704	9.982 857	2	007	
994	9.440 179	27	9.457 325	28	0.542 675	9.982 855	2	006	
995	9.440 206	26	9.457 353	29	0.542 647	9.982 853	3	005	
996	9.440 232	27	9.457 382	29	0.542 618	9.982 850	2	004	
997	9.440 259	26	9.457 411	28	0.542 589	9.982 848	2	003	
998	9.440 285	27	9.457 439	29	0.542 561	9.982 846	2	002	
999	9.440 312	26	9.457 468	28	0.542 532	9.982 844	2	001	
*.000	9.440 338		9.457 496		0.542 504	9.982 842		.000	
	cos	d	cotg	d	tang	sin	d	74°	P.P.

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5	14.5
6	17.4
7	20.3
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3	8.4
4	11.2
5	14.0
6	16.8
7	19.6
8	22.4
9	25.2

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1	2.7
2	5.4
3	8.1
4	10.8
5	13.5
6	16.2
7	18.9
8	21.6
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5	13.0
6	15.6
7	18.2
8	20.8
9	23.4

74°.050 — 74°.000

16°.000 — 16°.050

16°	sin	d	tang	d	cotg	cos	d		P.P.
.000	9.440 338	27	9.457 496	29	0.542 504	9.982 842	3	***000**	
001	9.440 365	26	9.457 525	29	0.542 475	9.982 839	2	999	
002	9.440 391	26	9.457 554	28	0.542 446	9.982 837	2	998	
003	9.440 417	27	9.457 582	29	0.542 418	9.982 835	2	997	
004	9.440 444	26	9.457 611	28	0.542 389	9.982 833	2	996	
005	9.440 470	27	9.457 639	29	0.542 361	9.982 831	2	995	
006	9.440 497	26	9.457 668	29	0.542 332	9.982 829	3	994	
007	9.440 523	26	9.457 697	28	0.542 303	9.982 826	2	993	
008	9.440 549	27	9.457 725	29	0.542 275	9.982 824	2	992	
009	9.440 576	26	9.457 754	28	0.542 246	9.982 822	2	991	
.010	9.440 602	27	9.457 782	29	0.542 218	9.982 820	2	**.990**	
011	9.440 629	26	9.457 811	29	0.542 189	9.982 818	2	989	
012	9.440 655	27	9.457 840	28	0.542 160	9.982 816	3	988	
013	9.440 682	26	9.457 868	29	0.542 132	9.982 813	2	987	
014	9.440 708	26	9.457 897	28	0.542 103	9.982 811	2	986	
015	9.440 734	27	9.457 925	29	0.542 075	9.982 809	2	985	
016	9.440 761	26	9.457 954	29	0.542 046	9.982 807	2	984	
017	9.440 787	27	9.457 983	28	0.542 017	9.982 805	3	983	
018	9.440 814	26	9.458 011	29	0.541 989	9.982 802	2	982	
019	9.440 840	26	9.458 040	28	0.541 960	9.982 800	2	981	
.020	9.440 866	27	9.458 068	29	0.541 932	9.982 798	2	**.980**	
021	9.440 893	26	9.458 097	28	0.541 903	9.982 796	2	979	
022	9.440 919	27	9.458 125	29	0.541 875	9.982 794	2	978	
023	9.440 946	26	9.458 154	29	0.541 846	9.982 792	3	977	
024	9.440 972	26	9.458 183	28	0.541 817	9.982 789	2	976	
025	9.440 998	27	9.458 211	29	0.541 789	9.982 787	2	975	
026	9.441 025	26	9.458 240	28	0.541 760	9.982 785	2	974	
027	9.441 051	27	9.458 268	29	0.541 732	9.982 783	2	973	
028	9.441 078	26	9.458 297	28	0.541 703	9.982 781	2	972	
029	9.441 104	26	9.458 325	29	0.541 675	9.982 779	3	971	
.030	9.441 130	27	9.458 354	29	0.541 646	9.982 776	2	**.970**	
031	9.441 157	26	9.458 383	28	0.541 617	9.982 774	2	969	
032	9.441 183	26	9.458 411	29	0.541 589	9.982 772	2	968	
033	9.441 209	27	9.458 440	28	0.541 560	9.982 770	2	967	
034	9.441 236	26	9.458 468	29	0.541 532	9.982 768	3	966	
035	9.441 262	27	9.458 497	28	0.541 503	9.982 765	2	965	
036	9.441 289	26	9.458 525	29	0.541 475	9.982 763	2	964	
037	9.441 315	26	9.458 554	28	0.541 446	9.982 761	2	963	
038	9.441 341	27	9.458 582	29	0.541 418	9.982 759	2	962	
039	9.441 368	26	9.458 611	28	0.541 389	9.982 757	2	961	
.040	9.441 394	26	9.458 639	29	0.541 361	9.982 755	3	**.960**	
041	9.441 420	27	9.458 668	29	0.541 332	9.982 752	2	959	
042	9.441 447	26	9.458 697	28	0.541 303	9.982 750	2	958	
043	9.441 473	26	9.458 725	29	0.541 275	9.982 748	2	957	
044	9.441 499	27	9.458 754	28	0.541 246	9.982 746	2	956	
045	9.441 526	26	9.458 782	29	0.541 218	9.982 744	2	955	
046	9.441 552	27	9.458 811	28	0.541 189	9.982 742	3	954	
047	9.441 579	26	9.458 839	29	0.541 161	9.982 739	2	953	
048	9.441 605	26	9.458 868	28	0.541 132	9.982 737	2	952	
049	9.441 631	27	9.458 896	29	0.541 104	9.982 735	2	951	
.050	9.441 658		9.458 925		0.541 075	9.982 733		**.950**	
	cos	d	cotg	d	tang	sin	d	**73°**	P.P.

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7	18.2
8	20.8
9	23.4

74°.000 — 73°.950

16°.050 — 16°.100

16°	sin	d	tang	d	cotg	cos	d		P.P.
.050	9.441 658	26	9.458 925	28	0.541 075	9.982 733	2	.950	
051	9.441 684	26	9.458 953	29	0.541 047	9.982 731	3	949	
052	9.441 710	27	9.458 982	28	0.541 018	9.982 728	2	948	
053	9.441 737	26	9.459 010	29	0.540 990	9.982 726	2	947	
054	9.441 763	26	9.459 039	28	0.540 961	9.982 724	2	946	
055	9.441 789	27	9.459 067	29	0.540 933	9.982 722	2	945	
056	9.441 816	26	9.459 096	28	0.540 904	9.982 720	2	944	
057	9.441 842	26	9.459 124	29	0.540 876	9.982 718	3	943	
058	9.441 868	27	9.459 153	29	0.540 847	9.982 715	2	942	
059	9.441 895	26	9.459 182	28	0.540 818	9.982 713	2	941	
.060	9.441 921	26	9.459 210	29	0.540 790	9.982 711	2	.940	
061	9.441 947	27	9.459 239	28	0.540 761	9.982 709	2	939	
062	9.441 974	26	9.459 267	29	0.540 733	9.982 707	3	938	
063	9.442 000	26	9.459 296	28	0.540 704	9.982 704	2	937	
064	9.442 026	27	9.459 324	29	0.540 676	9.982 702	2	936	
065	9.442 053	26	9.459 353	28	0.540 647	9.982 700	2	935	
066	9.442 079	26	9.459 381	29	0.540 619	9.982 698	2	934	
067	9.442 105	27	9.459 410	28	0.540 590	9.982 696	2	933	
068	9.442 132	26	9.459 438	29	0.540 562	9.982 694	3	932	
069	9.442 158	26	9.459 467	28	0.540 533	9.982 691	2	931	
.070	9.442 184	27	9.459 495	29	0.540 505	9.982 689	2	.930	
071	9.442 211	26	9.459 524	28	0.540 476	9.982 687	2	929	
072	9.442 237	26	9.459 552	29	0.540 448	9.982 685	2	928	
073	9.442 263	26	9.459 581	28	0.540 419	9.982 683	3	927	
074	9.442 289	27	9.459 609	29	0.540 391	9.982 680	2	926	
075	9.442 316	26	9.459 638	28	0.540 362	9.982 678	2	925	
076	9.442 342	26	9.459 666	29	0.540 334	9.982 676	2	924	
077	9.442 368	27	9.459 695	28	0.540 305	9.982 674	2	923	
078	9.442 395	26	9.459 723	28	0.540 277	9.982 672	3	922	
079	9.442 421	26	9.459 751	29	0.540 249	9.982 669	2	921	
.080	9.442 447	27	9.459 780	28	0.540 220	9.982 667	2	.920	
081	9.442 474	26	9.459 808	29	0.540 192	9.982 665	2	919	
082	9.442 500	26	9.459 837	28	0.540 163	9.982 663	2	918	
083	9.442 526	26	9.459 865	29	0.540 135	9.982 661	2	917	
084	9.442 552	27	9.459 894	28	0.540 106	9.982 659	3	916	
085	9.442 579	26	9.459 922	29	0.540 078	9.982 656	2	915	
086	9.442 605	26	9.459 951	28	0.540 049	9.982 654	2	914	
087	9.442 631	27	9.459 979	29	0.540 021	9.982 652	2	913	
088	9.442 658	26	9.460 008	28	0.539 992	9.982 650	2	912	
089	9.442 684	26	9.460 036	29	0.539 964	9.982 648	3	911	
.090	9.442 710	26	9.460 065	28	0.539 935	9.982 645	2	.910	
091	9.442 736	27	9.460 093	29	0.539 907	9.982 643	2	909	
092	9.442 763	26	9.460 122	28	0.539 878	9.982 641	2	908	
093	9.442 789	26	9.460 150	29	0.539 850	9.982 639	2	907	
094	9.442 815	26	9.460 179	28	0.539 821	9.982 637	2	906	
095	9.442 841	27	9.460 207	28	0.539 793	9.982 635	3	905	
096	9.442 868	26	9.460 235	29	0.539 765	9.982 632	2	904	
097	9.442 894	26	9.460 264	28	0.539 736	9.982 630	2	903	
098	9.442 920	27	9.460 292	29	0.539 708	9.982 628	2	902	
099	9.442 947	26	9.460 321	28	0.539 679	9.982 626	2	901	
.100	9.442 973		9.460 349		0.539 651	9.982 624		.900	
	cos	d	cotg	d	tang	sin	d	73°	P.P.

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5	14.0
6	16.8
7	19.6
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2	5.4
3	8.1
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5	13.5
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9	24.3

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3	7.8
4	10.4
5	13.0
6	15.6
7	18.2
8	20.8
9	23.4

73°.950 — 73°.900

16°.100 — 16°.150

16°	sin	d	tang	d	cotg	cos	d		P.P.
.100	9.442 973	26	9.460 349	29	0.539 651	9.982 624	3	**.900**	
101	9.442 999	26	9.460 378	28	0.539 622	9.982 621	2	899	
102	9.443 025	27	9.460 406	29	0.539 594	9.982 619	2	898	
103	9.443 052	26	9.460 435	28	0.539 565	9.982 617	2	897	
104	9.443 078	26	9.460 463	28	0.539 537	9.982 615	2	896	29
105	9.443 104	26	9.460 491	29	0.539 509	9.982 613	3	895	1 2.9
106	9.443 130	27	9.460 520	28	0.539 480	9.982 610	2	894	2 5.8
107	9.443 157	26	9.460 548	29	0.539 452	9.982 608	2	893	3 8.7
108	9.443 183	26	9.460 577	28	0.539 423	9.982 606	2	892	4 11.6
109	9.443 209	26	9.460 605	29	0.539 395	9.982 604	2	891	5 14.5
.110	9.443 235	27	9.460 634	28	0.539 366	9.982 602	3	**.890**	6 17.4
111	9.443 262	26	9.460 662	29	0.539 338	9.982 599	2	889	7 20.3
112	9.443 288	26	9.460 691	28	0.539 309	9.982 597	2	888	8 23.2
113	9.443 314	26	9.460 719	28	0.539 281	9.982 595	2	887	9 26.1
114	9.443 340	27	9.460 747	29	0.539 253	9.982 593	2	886	
115	9.443 367	26	9.460 776	28	0.539 224	9.982 591	2	885	28
116	9.443 393	26	9.460 804	29	0.539 196	9.982 589	3	884	1 2.8
117	9.443 419	26	9.460 833	28	0.539 167	9.982 586	2	883	2 5.6
118	9.443 445	26	9.460 861	28	0.539 139	9.982 584	2	882	3 8.4
119	9.443 471	27	9.460 889	29	0.539 111	9.982 582	2	881	4 11.2
.120	9.443 498	26	9.460 918	28	0.539 082	9.982 580	2	**.880**	5 14.0
121	9.443 524	26	9.460 946	29	0.539 054	9.982 578	3	879	6 16.8
122	9.443 550	26	9.460 975	28	0.539 025	9.982 575	2	878	7 19.6
123	9.443 576	27	9.461 003	29	0.538 997	9.982 573	2	877	8 22.4
124	9.443 603	26	9.461 032	28	0.538 968	9.982 571	2	876	9 25.2
125	9.443 629	26	9.461 060	28	0.538 940	9.982 569	2	875	
126	9.443 655	26	9.461 088	29	0.538 912	9.982 567	3	874	
127	9.443 681	26	9.461 117	28	0.538 883	9.982 564	2	873	27
128	9.443 707	27	9.461 145	29	0.538 855	9.982 562	2	872	1 2.7
129	9.443 734	26	9.461 174	28	0.538 826	9.982 560	2	871	2 5.4
.130	9.443 760	26	9.461 202	28	0.538 798	9.982 558	2	**.870**	3 8.1
131	9.443 786	26	9.461 230	29	0.538 770	9.982 556	3	869	4 10.8
132	9.443 812	26	9.461 259	28	0.538 741	9.982 553	2	868	5 13.5
133	9.443 838	27	9.461 287	29	0.538 713	9.982 551	2	867	6 16.2
134	9.443 865	26	9.461 316	28	0.538 684	9.982 549	2	866	7 18.9
135	9.443 891	26	9.461 344	28	0.538 656	9.982 547	2	865	8 21.6
136	9.443 917	26	9.461 372	29	0.538 628	9.982 545	2	864	9 24.3
137	9.443 943	26	9.461 401	28	0.538 599	9.982 543	3	863	
138	9.443 969	27	9.461 429	29	0.538 571	9.982 540	2	862	
139	9.443 996	26	9.461 458	28	0.538 542	9.982 538	2	861	26
.140	9.444 022	26	9.461 486	28	0.538 514	9.982 536	2	**.860**	1 2.6
141	9.444 048	26	9.461 514	29	0.538 486	9.982 534	2	859	2 5.2
142	9.444 074	26	9.461 543	28	0.538 457	9.982 532	3	858	3 7.8
143	9.444 100	27	9.461 571	28	0.538 429	9.982 529	2	857	4 10.4
144	9.444 127	26	9.461 599	29	0.538 401	9.982 527	2	856	5 13.0
145	9.444 153	26	9.461 628	28	0.538 372	9.982 525	2	855	6 15.6
146	9.444 179	26	9.461 656	29	0.538 344	9.982 523	2	854	7 18.2
147	9.444 205	26	9.461 685	28	0.538 315	9.982 521	3	853	8 20.8
148	9.444 231	27	9.461 713	28	0.538 287	9.982 518	2	852	9 23.4
149	9.444 258	26	9.461 741	29	0.538 259	9.982 516	2	851	
.150	9.444 284		9.461 770		0.538 230	9.982 514		**.850**	
	cos	d	cotg	d	tang	sin	d	**73°**	P.P.

73°.900 — 73°.850

16°.150 — 16°.200

16°	sin	d	tang	d	cotg	cos	d		P.P.
.150	9.444 284	26	9.461 770	28	0.538 230	9.982 514	2	**.850**	
151	9.444 310	26	9.461 798	28	0.538 202	9.982 512	2	849	
152	9.444 336	26	9.461 826	29	0.538 174	9.982 510	3	848	
153	9.444 362	26	9.461 855	28	0.538 145	9.982 507	2	847	
154	9.444 388	27	9.461 883	29	0.538 117	9.982 505	2	846	
155	9.444 415	26	9.461 912	28	0.538 088	9.982 503	2	845	
156	9.444 441	26	9.461 940	28	0.538 060	9.982 501	2	844	
157	9.444 467	26	9.461 968	29	0.538 032	9.982 499	3	843	
158	9.444 493	26	9.461 997	28	0.538 003	9.982 496	2	842	
159	9.444 519	26	9.462 025	28	0.537 975	9.982 494	2	841	
.160	9.444 545	27	9.462 053	29	0.537 947	9.982 492	2	**.840**	
161	9.444 572	26	9.462 082	28	0.537 918	9.982 490	2	839	
162	9.444 598	26	9.462 110	28	0.537 890	9.982 488	3	838	
163	9.444 624	26	9.462 138	29	0.537 862	9.982 485	2	837	
164	9.444 650	26	9.462 167	28	0.537 833	9.982 483	2	836	
165	9.444 676	26	9.462 195	28	0.537 805	9.982 481	2	835	
166	9.444 702	26	9.462 223	29	0.537 777	9.982 479	2	834	
167	9.444 728	27	9.462 252	28	0.537 748	9.982 477	3	833	
168	9.444 755	26	9.462 280	28	0.537 720	9.982 474	2	832	
169	9.444 781	26	9.462 308	29	0.537 692	9.982 472	2	831	
.170	9.444 807	26	9.462 337	28	0.537 663	9.982 470	2	**.830**	
171	9.444 833	26	9.462 365	28	0.537 635	9.982 468	2	829	
172	9.444 859	26	9.462 393	29	0.537 607	9.982 466	3	828	
173	9.444 885	26	9.462 422	28	0.537 578	9.982 463	2	827	
174	9.444 911	27	9.462 450	28	0.537 550	9.982 461	2	826	
175	9.444 938	26	9.462 478	29	0.537 522	9.982 459	2	825	
176	9.444 964	26	9.462 507	28	0.537 493	9.982 457	2	824	
177	9.444 990	26	9.462 535	28	0.537 465	9.982 455	3	823	
178	9.445 016	26	9.462 563	29	0.537 437	9.982 452	2	822	
179	9.445 042	26	9.462 592	28	0.537 408	9.982 450	2	821	
.180	9.445 068	26	9.462 620	28	0.537 380	9.982 448	2	**.820**	
181	9.445 094	26	9.462 648	29	0.537 352	9.982 446	2	819	
182	9.445 120	27	9.462 677	28	0.537 323	9.982 444	3	818	
183	9.445 147	26	9.462 705	28	0.537 295	9.982 441	2	817	
184	9.445 173	26	9.462 733	29	0.537 267	9.982 439	2	816	
185	9.445 199	26	9.462 762	28	0.537 238	9.982 437	2	815	
186	9.445 225	26	9.462 790	28	0.537 210	9.982 435	2	814	
187	9.445 251	26	9.462 818	29	0.537 182	9.982 433	3	813	
188	9.445 277	26	9.462 847	28	0.537 153	9.982 430	2	812	
189	9.445 303	26	9.462 875	28	0.537 125	9.982 428	2	811	
.190	9.445 329	26	9.462 903	29	0.537 097	9.982 426	2	**.810**	
191	9.445 355	27	9.462 932	28	0.537 068	9.982 424	2	809	
192	9.445 382	26	9.462 960	28	0.537 040	9.982 422	3	808	
193	9.445 408	26	9.462 988	29	0.537 012	9.982 419	2	807	
194	9.445 434	26	9.463 017	28	0.536 983	9.982 417	2	806	
195	9.445 460	26	9.463 045	28	0.536 955	9.982 415	2	805	
196	9.445 486	26	9.463 073	28	0.536 927	9.982 413	2	804	
197	9.445 512	26	9.463 101	29	0.536 899	9.982 411	3	803	
198	9.445 538	26	9.463 130	28	0.536 870	9.982 408	2	802	
199	9.445 564	26	9.463 158	28	0.536 842	9.982 406	2	801	
.200	9.445 590		9.463 186		0.536 814	9.982 404		**.800**	
	cos	d	cotg	d	tang	sin	d	**73°**	P.P.

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7	18.2
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9	23.4

73°.850 — 73°.800

16°.200 — 16°.250

16°	sin	d	tang	d	cotg	cos	d		P.P.
.200	9.445 590	26	9.463 186	29	0.536 814	9.982 404	2	.800	
201	9.445 616	27	9.463 215	28	0.536 785	9.982 402	2	799	
202	9.445 643	26	9.463 243	28	0.536 757	9.982 400	3	798	
203	9.445 669	26	9.463 271	28	0.536 729	9.982 397	2	797	
204	9.445 695	26	9.463 299	29	0.536 701	9.982 395	2	796	
205	9.445 721	26	9.463 328	28	0.536 672	9.982 393	2	795	
206	9.445 747	26	9.463 356	28	0.536 644	9.982 391	2	794	
207	9.445 773	26	9.463 384	29	0.536 616	9.982 389	3	793	
208	9.445 799	26	9.463 413	28	0.536 587	9.982 386	2	792	
209	9.445 825	26	9.463 441	28	0.536 559	9.982 384	2	791	
.210	9.445 851	26	9.463 469	28	0.536 531	9.982 382	2	.790	
211	9.445 877	26	9.463 497	29	0.536 503	9.982 380	2	789	
212	9.445 903	26	9.463 526	28	0.536 474	9.982 378	3	788	
213	9.445 929	26	9.463 554	28	0.536 446	9.982 375	2	787	
214	9.445 955	27	9.463 582	28	0.536 418	9.982 373	2	786	
215	9.445 982	26	9.463 610	29	0.536 390	9.982 371	2	785	
216	9.446 008	26	9.463 639	28	0.536 361	9.982 369	2	784	
217	9.446 034	26	9.463 667	28	0.536 333	9.982 367	3	783	
218	9.446 060	26	9.463 695	29	0.536 305	9.982 364	2	782	
219	9.446 086	26	9.463 724	28	0.536 276	9.982 362	2	781	
.220	9.446 112	26	9.463 752	28	0.536 248	9.982 360	2	.780	
221	9.446 138	26	9.463 780	28	0.536 220	9.982 358	2	779	
222	9.446 164	26	9.463 808	29	0.536 192	9.982 356	3	778	
223	9.446 190	26	9.463 837	28	0.536 163	9.982 353	2	777	
224	9.446 216	26	9.463 865	28	0.536 135	9.982 351	2	776	
225	9.446 242	26	9.463 893	28	0.536 107	9.982 349	2	775	
226	9.446 268	26	9.463 921	29	0.536 079	9.982 347	2	774	
227	9.446 294	26	9.463 950	28	0.536 050	9.982 345	3	773	
228	9.446 320	26	9.463 978	28	0.536 022	9.982 342	2	772	
229	9.446 346	26	9.464 006	28	0.535 994	9.982 340	2	771	
.230	9.446 372	26	9.464 034	29	0.535 966	9.982 338	2	.770	
231	9.446 398	26	9.464 063	28	0.535 937	9.982 336	2	769	
232	9.446 424	26	9.464 091	28	0.535 909	9.982 334	3	768	
233	9.446 450	26	9.464 119	28	0.535 881	9.982 331	2	767	
234	9.446 476	26	9.464 147	29	0.535 853	9.982 329	2	766	
235	9.446 502	27	9.464 176	28	0.535 824	9.982 327	2	765	
236	9.446 529	26	9.464 204	28	0.535 796	9.982 325	3	764	
237	9.446 555	26	9.464 232	28	0.535 768	9.982 322	2	763	
238	9.446 581	26	9.464 260	29	0.535 740	9.982 320	2	762	
239	9.446 607	26	9.464 289	28	0.535 711	9.982 318	2	761	
.240	9.446 633	26	9.464 317	28	0.535 683	9.982 316	2	.760	
241	9.446 659	26	9.464 345	28	0.535 655	9.982 314	3	759	
242	9.446 685	26	9.464 373	28	0.535 627	9.982 311	2	758	
243	9.446 711	26	9.464 401	29	0.535 599	9.982 309	2	757	
244	9.446 737	26	9.464 430	28	0.535 570	9.982 307	2	756	
245	9.446 763	26	9.464 458	28	0.535 542	9.982 305	2	755	
246	9.446 789	26	9.464 486	28	0.535 514	9.982 303	3	754	
247	9.446 815	26	9.464 514	29	0.535 486	9.982 300	2	753	
248	9.446 841	26	9.464 543	28	0.535 457	9.982 298	2	752	
249	9.446 867	26	9.464 571	28	0.535 429	9.982 296	2	751	
.250	9.446 893		9.464 599		0.535 401	9.982 294		.750	
	cos	d	cotg	d	tang	sin	d	73°	P.P.

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73°.800 — 73°.750

16°.250 — 16°.300

16°	sin	d	tang	d	cotg	cos	d		P.P.
.250	9.446 893	26	9.464 599	28	0.535 401	9.982 294	2	**.750**	
251	9.446 919	26	9.464 627	28	0.535 373	9.982 292	3	749	
252	9.446 945	26	9.464 655	29	0.535 345	9.982 289	2	748	
253	9.446 971	26	9.464 684	28	0.535 316	9.982 287	2	747	
254	9.446 997	26	9.464 712	28	0.535 288	9.982 285	2	746	
255	9.447 023	26	9.464 740	28	0.535 260	9.982 283	2	745	
256	9.447 049	26	9.464 768	28	0.535 232	9.982 281	3	744	
257	9.447 075	26	9.464 796	29	0.535 204	9.982 278	2	743	
258	9.447 101	26	9.464 825	28	0.535 175	9.982 276	2	742	
259	9.447 127	26	9.464 853	28	0.535 147	9.982 274	2	741	
.260	9.447 153	26	9.464 881	28	0.535 119	9.982 272	3	**.740**	
261	9.447 179	26	9.464 909	28	0.535 091	9.982 269	2	739	
262	9.447 205	26	9.464 937	29	0.535 063	9.982 267	2	738	
263	9.447 231	26	9.464 966	28	0.535 034	9.982 265	2	737	
264	9.447 257	26	9.464 994	28	0.535 006	9.982 263	2	736	
265	9.447 283	26	9.465 022	28	0.534 978	9.982 261	3	735	
266	9.447 309	26	9.465 050	28	0.534 950	9.982 258	2	734	
267	9.447 335	26	9.465 078	29	0.534 922	9.982 256	2	733	
268	9.447 361	26	9.465 107	28	0.534 893	9.982 254	2	732	
269	9.447 387	26	9.465 135	28	0.534 865	9.982 252	2	731	
.270	9.447 413	25	9.465 163	28	0.534 837	9.982 250	3	**.730**	
271	9.447 438	26	9.465 191	28	0.534 809	9.982 247	2	729	
272	9.447 464	26	9.465 219	28	0.534 781	9.982 245	2	728	
273	9.447 490	26	9.465 247	29	0.534 753	9.982 243	2	727	
274	9.447 516	26	9.465 276	28	0.534 724	9.982 241	2	726	
275	9.447 542	26	9.465 304	28	0.534 696	9.982 239	3	725	
276	9.447 568	26	9.465 332	28	0.534 668	9.982 236	2	724	
277	9.447 594	26	9.465 360	28	0.534 640	9.982 234	2	723	
278	9.447 620	26	9.465 388	29	0.534 612	9.982 232	2	722	
279	9.447 646	26	9.465 417	28	0.534 583	9.982 230	3	721	
.280	9.447 672	26	9.465 445	28	0.534 555	9.982 227	2	**.720**	
281	9.447 698	26	9.465 473	28	0.534 527	9.982 225	2	719	
282	9.447 724	26	9.465 501	28	0.534 499	9.982 223	2	718	
283	9.447 750	26	9.465 529	28	0.534 471	9.982 221	2	717	
284	9.447 776	26	9.465 557	29	0.534 443	9.982 219	3	716	
285	9.447 802	26	9.465 586	28	0.534 414	9.982 216	2	715	
286	9.447 828	26	9.465 614	28	0.534 386	9.982 214	2	714	
287	9.447 854	26	9.465 642	28	0.534 358	9.982 212	2	713	
288	9.447 880	26	9.465 670	28	0.534 330	9.982 210	2	712	
289	9.447 906	26	9.465 698	28	0.534 302	9.982 208	3	711	
.290	9.447 932	26	9.465 726	28	0.534 274	9.982 205	2	**.710**	
291	9.447 958	25	9.465 754	29	0.534 246	9.982 203	2	709	
292	9.447 983	26	9.465 783	28	0.534 217	9.982 201	2	708	
293	9.448 009	26	9.465 811	28	0.534 189	9.982 199	3	707	
294	9.448 035	26	9.465 839	28	0.534 161	9.982 196	2	706	
295	9.448 061	26	9.465 867	28	0.534 133	9.982 194	2	705	
296	9.448 087	26	9.465 895	28	0.534 105	9.982 192	2	704	
297	9.448 113	26	9.465 923	28	0.534 077	9.982 190	2	703	
298	9.448 139	26	9.465 951	29	0.534 049	9.982 188	3	702	
299	9.448 165	26	9.465 980	28	0.534 020	9.982 185	2	701	
.300	9.448 191		9.466 008		0.533 992	9.982 183		**.700**	
	cos	d	cotg	d	tang	sin	d	**73°**	P.P.

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7	17.5
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73°.750 — 73°.700

16°.300 — 16°.350

16°	sin	d	tang	d	cotg	cos	d		P.P.
.300	9.448 191	26	9.466 008	28	0.533 992	9.982 183	2	.700	
301	9.448 217	26	9.466 036	28	0.533 964	9.982 181	2	699	
302	9.448 243	26	9.466 064	28	0.533 936	9.982 179	3	698	
303	9.448 269	26	9.466 092	28	0.533 908	9.982 176	2	697	
304	9.448 295	25	9.466 120	28	0.533 880	9.982 174	2	696	
305	9.448 320	26	9.466 148	29	0.533 852	9.982 172	2	695	
306	9.448 346	26	9.466 177	28	0.533 823	9.982 170	2	694	
307	9.448 372	26	9.466 205	28	0.533 795	9.982 168	3	693	
308	9.448 398	26	9.466 233	28	0.533 767	9.982 165	2	692	
309	9.448 424	26	9.466 261	28	0.533 739	9.982 163	2	691	
.310	9.448 450	26	9.466 289	28	0.533 711	9.982 161	2	.690	
311	9.448 476	26	9.466 317	28	0.533 683	9.982 159	2	689	
312	9.448 502	26	9.466 345	28	0.533 655	9.982 157	3	688	
313	9.448 528	26	9.466 373	29	0.533 627	9.982 154	2	687	
314	9.448 554	26	9.466 402	28	0.533 598	9.982 152	2	686	
315	9.448 580	25	9.466 430	28	0.533 570	9.982 150	2	685	
316	9.448 605	26	9.466 458	28	0.533 542	9.982 148	3	684	
317	9.448 631	26	9.466 486	28	0.533 514	9.982 145	2	683	
318	9.448 657	26	9.466 514	28	0.533 486	9.982 143	2	682	
319	9.448 683	26	9.466 542	28	0.533 458	9.982 141	2	681	
.320	9.448 709	26	9.466 570	28	0.533 430	9.982 139	2	.680	
321	9.448 735	26	9.466 598	28	0.533 402	9.982 137	3	679	
322	9.448 761	26	9.466 626	29	0.533 374	9.982 134	2	678	
323	9.448 787	26	9.466 655	28	0.533 345	9.982 132	2	677	
324	9.448 813	25	9.466 683	28	0.533 317	9.982 130	2	676	
325	9.448 838	26	9.466 711	28	0.533 289	9.982 128	3	675	
326	9.448 864	26	9.466 739	28	0.533 261	9.982 125	2	674	
327	9.448 890	26	9.466 767	28	0.533 233	9.982 123	2	673	
328	9.448 916	26	9.466 795	28	0.533 205	9.982 121	2	672	
329	9.448 942	26	9.466 823	28	0.533 177	9.982 119	2	671	
.330	9.448 968	26	9.466 851	28	0.533 149	9.982 117	3	.670	
331	9.448 994	26	9.466 879	28	0.533 121	9.982 114	2	669	
332	9.449 020	25	9.466 907	28	0.533 093	9.982 112	2	668	
333	9.449 045	26	9.466 935	29	0.533 065	9.982 110	2	667	
334	9.449 071	26	9.466 964	28	0.533 036	9.982 108	3	666	
335	9.449 097	26	9.466 992	28	0.533 008	9.982 105	2	665	
336	9.449 123	26	9.467 020	28	0.532 980	9.982 103	2	664	
337	9.449 149	26	9.467 048	28	0.532 952	9.982 101	2	663	
338	9.449 175	26	9.467 076	28	0.532 924	9.982 099	2	662	
339	9.449 201	25	9.467 104	28	0.532 896	9.982 097	3	661	
.340	9.449 226	26	9.467 132	28	0.532 868	9.982 094	2	.660	
341	9.449 252	26	9.467 160	28	0.532 840	9.982 092	2	659	
342	9.449 278	26	9.467 188	28	0.532 812	9.982 090	2	658	
343	9.449 304	26	9.467 216	28	0.532 784	9.982 088	3	657	
344	9.449 330	26	9.467 244	28	0.532 756	9.982 085	2	656	
345	9.449 356	26	9.467 272	28	0.532 728	9.982 083	2	655	
346	9.449 382	25	9.467 300	29	0.532 700	9.982 081	2	654	
347	9.449 407	26	9.467 329	28	0.532 671	9.982 079	2	653	
348	9.449 433	26	9.467 357	28	0.532 643	9.982 077	3	652	
349	9.449 459	26	9.467 385	28	0.532 615	9.982 074	2	651	
.350	9.449 485		9.467 413		0.532 587	9.982 072		.650	
	cos	d	cotg	d	tang	sin	d	73°	P.P.

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5	13.0
6	15.6
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2	5.0
3	7.5
4	10.0
5	12.5
6	15.0
7	17.5
8	20.0
9	22.5

73°.700 — 73°.650

16°.350 — 16°.400

16°	sin	d	tang	d	cotg	cos	d		P.P.
.350	9.449 485	26	9.467 413	28	0.532 587	9.982 072	2	**.650**	
351	9.449 511	26	9.467 441	28	0.532 559	9.982 070	2	649	
352	9.449 537	25	9.467 469	28	0.532 531	9.982 068	3	648	
353	9.449 562	26	9.467 497	28	0.532 503	9.982 065	2	647	
354	9.449 588	26	9.467 525	28	0.532 475	9.982 063	2	646	
355	9.449 614	26	9.467 553	28	0.532 447	9.982 061	2	645	
356	9.449 640	26	9.467 581	28	0.532 419	9.982 059	2	644	
357	9.449 666	26	9.467 609	28	0.532 391	9.982 057	3	643	
358	9.449 692	25	9.467 637	28	0.532 363	9.982 054	2	642	
359	9.449 717	26	9.467 665	28	0.532 335	9.982 052	2	641	
.360	9.449 743	26	9.467 693	28	0.532 307	9.982 050	2	**.640**	
361	9.449 769	26	9.467 721	28	0.532 279	9.982 048	3	639	
362	9.449 795	26	9.467 749	28	0.532 251	9.982 045	2	638	
363	9.449 821	25	9.467 777	28	0.532 223	9.982 043	2	637	
364	9.449 846	26	9.467 805	28	0.532 195	9.982 041	2	636	
365	9.449 872	26	9.467 833	29	0.532 167	9.982 039	2	635	
366	9.449 898	26	9.467 862	28	0.532 138	9.982 037	3	634	
367	9.449 924	26	9.467 890	28	0.532 110	9.982 034	2	633	
368	9.449 950	25	9.467 918	28	0.532 082	9.982 032	2	632	
369	9.449 975	26	9.467 946	28	0.532 054	9.982 030	2	631	
.370	9.450 001	26	9.467 974	28	0.532 026	9.982 028	3	**.630**	
371	9.450 027	26	9.468 002	28	0.531 998	9.982 025	2	629	
372	9.450 053	26	9.468 030	28	0.531 970	9.982 023	2	628	
373	9.450 079	25	9.468 058	28	0.531 942	9.982 021	2	627	
374	9.450 104	26	9.468 086	28	0.531 914	9.982 019	3	626	
375	9.450 130	26	9.468 114	28	0.531 886	9.982 016	2	625	
376	9.450 156	26	9.468 142	28	0.531 858	9.982 014	2	624	
377	9.450 182	26	9.468 170	28	0.531 830	9.982 012	2	623	
378	9.450 208	25	9.468 198	28	0.531 802	9.982 010	2	622	
379	9.450 233	26	9.468 226	28	0.531 774	9.982 008	3	621	
.380	9.450 259	26	9.468 254	28	0.531 746	9.982 005	2	**.620**	
381	9.450 285	26	9.468 282	28	0.531 718	9.982 003	2	619	
382	9.450 311	26	9.468 310	28	0.531 690	9.982 001	2	618	
383	9.450 337	25	9.468 338	28	0.531 662	9.981 999	3	617	
384	9.450 362	26	9.468 366	28	0.531 634	9.981 996	2	616	
385	9.450 388	26	9.468 394	28	0.531 606	9.981 994	2	615	
386	9.450 414	26	9.468 422	28	0.531 578	9.981 992	2	614	
387	9.450 440	25	9.468 450	28	0.531 550	9.981 990	2	613	
388	9.450 465	26	9.468 478	28	0.531 522	9.981 988	3	612	
389	9.450 491	26	9.468 506	28	0.531 494	9.981 985	2	611	
.390	9.450 517	26	9.468 534	28	0.531 466	9.981 983	2	**.610**	
391	9.450 543	26	9.468 562	28	0.531 438	9.981 981	2	609	
392	9.450 569	25	9.468 590	28	0.531 410	9.981 979	3	608	
393	9.450 594	26	9.468 618	28	0.531 382	9.981 976	2	607	
394	9.450 620	26	9.468 646	28	0.531 354	9.981 974	2	606	
395	9.450 646	26	9.468 674	28	0.531 326	9.981 972	2	605	
396	9.450 672	25	9.468 702	28	0.531 298	9.981 970	3	604	
397	9.450 697	26	9.468 730	28	0.531 270	9.981 967	2	603	
398	9.450 723	26	9.468 758	28	0.531 242	9.981 965	2	602	
399	9.450 749	26	9.468 786	28	0.531 214	9.981 963	2	601	
.400	9.450 775		9.468 814		0.531 186	9.981 961		**.600**	
	cos	d	cotg	d	tang	sin	d	**73°**	P.P.

	29
1	2.9
2	5.8
3	8.7
4	11.6
5	14.5
6	17.4
7	20.3
8	23.2
9	26.1

	28
1	2.8
2	5.6
3	8.4
4	11.2
5	14.0
6	16.8
7	19.6
8	22.4
9	25.2

	26
1	2.6
2	5.2
3	7.8
4	10.4
5	13.0
6	15.6
7	18.2
8	20.8
9	23.4

	25
1	2.5
2	5.0
3	7.5
4	10.0
5	12.5
6	15.0
7	17.5
8	20.0
9	22.5

73°.650 — 73°.600

16°.400 — 16°.450

16°	sin	d	tang	d	cotg	cos	d		P.P.
.400	9.450 775		9.468 814		0.531 186	9.981 961		**.600**	
		25		28			2		
401	9.450 800		9.468 842		0.531 158	9.981 959		599	
		26		28			3		
402	9.450 826		9.468 870		0.531 130	9.981 956		598	
		26		28			2		
403	9.450 852		9.468 898		0.531 102	9.981 954		597	
		26		28			2		
404	9.450 878		9.468 926		0.531 074	9.981 952		596	
		25		28			2		
405	9.450 903		9.468 954		0.531 046	9.981 950		595	
		26		28			3		
406	9.450 929		9.468 982		0.531 018	9.981 947		594	
		26		28			2		
407	9.450 955		9.469 010		0.530 990	9.981 945		593	
		26		28			2		
408	9.450 981		9.469 038		0.530 962	9.981 943		592	
		25		28			2		
409	9.451 006		9.469 066		0.530 934	9.981 941		591	
		26		28			3		
.410	9.451 032		9.469 094		0.530 906	9.981 938		**.590**	
		26		28			2		
411	9.451 058		9.469 122		0.530 878	9.981 936		589	
		26		28			2		
412	9.451 084		9.469 150		0.530 850	9.981 934		588	
		25		28			2		
413	9.451 109		9.469 178		0.530 822	9.981 932		587	
		26		28			2		
414	9.451 135		9.469 206		0.530 794	9.981 930		586	
		26		27			3		
415	9.451 161		9.469 233		0.530 767	9.981 927		585	
		26		28			2		
416	9.451 187		9.469 261		0.530 739	9.981 925		584	
		25		28			2		
417	9.451 212		9.469 289		0.530 711	9.981 923		583	
		26		28			2		
418	9.451 238		9.469 317		0.530 683	9.981 921		582	
		26		28			3		
419	9.451 264		9.469 345		0.530 655	9.981 918		581	
		25		28			2		
.420	9.451 289		9.469 373		0.530 627	9.981 916		**.580**	
		26		28			2		
421	9.451 315		9.469 401		0.530 599	9.981 914		579	
		26		28			2		
422	9.451 341		9.469 429		0.530 571	9.981 912		578	
		26		28			3		
423	9.451 367		9.469 457		0.530 543	9.981 909		577	
		25		28			2		
424	9.451 392		9.469 485		0.530 515	9.981 907		576	
		26		28			2		
425	9.451 418		9.469 513		0.530 487	9.981 905		575	
		26		28			2		
426	9.451 444		9.469 541		0.530 459	9.981 903		574	
		25		28			3		
427	9.451 469		9.469 569		0.530 431	9.981 900		573	
		26		28			2		
428	9.451 495		9.469 597		0.530 403	9.981 898		572	
		26		28			2		
429	9.451 521		9.469 625		0.530 375	9.981 896		571	
		26		28			2		
.430	9.451 547		9.469 653		0.530 347	9.981 894		**.570**	
		25		28			2		
431	9.451 572		9.469 681		0.530 319	9.981 892		569	
		26		28			3		
432	9.451 598		9.469 709		0.530 291	9.981 889		568	
		26		28			2		
433	9.451 624		9.469 737		0.530 263	9.981 887		567	
		25		27			2		
434	9.451 649		9.469 764		0.530 236	9.981 885		566	
		26		28			2		
435	9.451 675		9.469 792		0.530 208	9.981 883		565	
		26		28			3		
436	9.451 701		9.469 820		0.530 180	9.981 880		564	
		25		28			2		
437	9.451 726		9.469 848		0.530 152	9.981 878		563	
		26		28			2		
438	9.451 752		9.469 876		0.530 124	9.981 876		562	
		26		28			2		
439	9.451 778		9.469 904		0.530 096	9.981 874		561	
		25		28			3		
.440	9.451 803		9.469 932		0.530 068	9.981 871		**.560**	
		26		28			2		
441	9.451 829		9.469 960		0.530 040	9.981 869		559	
		26		28			2		
442	9.451 855		9.469 988		0.530 012	9.981 867		558	
		26		28			2		
443	9.451 881		9.470 016		0.529 984	9.981 865		557	
		25		28			3		
444	9.451 906		9.470 044		0.529 956	9.981 862		556	
		26		28			2		
445	9.451 932		9.470 072		0.529 928	9.981 860		555	
		26		28			2		
446	9.451 958		9.470 100		0.529 900	9.981 858		554	
		25		28			2		
447	9.451 983		9.470 128		0.529 872	9.981 856		553	
		26		27			2		
448	9.452 009		9.470 155		0.529 845	9.981 854		552	
		26		28			3		
449	9.452 035		9.470 183		0.529 817	9.981 851		551	
		25		28			2		
.450	9.452 060		9.470 211		0.529 789	9.981 849		**.550**	
	cos	d	cotg	d	tang	sin	d	**73°**	P.P.

	28
1	2.8
2	5.6
3	8.4
4	11.2
5	14.0
6	16.8
7	19.6
8	22.4
9	25.2

	27
1	2.7
2	5.4
3	8.1
4	10.8
5	13.5
6	16.2
7	18.9
8	21.6
9	24.3

	26
1	2.6
2	5.2
3	7.8
4	10.4
5	13.0
6	15.6
7	18.2
8	20.8
9	23.4

	25
1	2.5
2	5.0
3	7.5
4	10.0
5	12.5
6	15.0
7	17.5
8	20.0
9	22.5

73°.600 — 73°.550

16°.450 — 16°.500

16°	sin	d	tang	d	cotg	cos	d		P.P.
.450	9.452 060	26	9.470 211	28	0.529 789	9.981 849	2	**.550**	
451	9.452 086	26	9.470 239	28	0.529 761	9.981 847	2	549	
452	9.452 112	25	9.470 267	28	0.529 733	9.981 845	3	548	
453	9.452 137	26	9.470 295	28	0.529 705	9.981 842	2	547	
454	9.452 163	26	9.470 323	28	0.529 677	9.981 840	2	546	
455	9.452 189	25	9.470 351	28	0.529 649	9.981 838	2	545	
456	9.452 214	26	9.470 379	28	0.529 621	9.981 836	3	544	
457	9.452 240	26	9.470 407	27	0.529 593	9.981 833	2	543	
458	9.452 266	25	9.470 434	28	0.529 566	9.981 831	2	542	
459	9.452 291	26	9.470 462	28	0.529 538	9.981 829	2	541	
.460	9.452 317	26	9.470 490	28	0.529 510	9.981 827	3	**.540**	
461	9.452 343	25	9.470 518	28	0.529 482	9.981 824	2	539	
462	9.452 368	26	9.470 546	28	0.529 454	9.981 822	2	538	
463	9.452 394	26	9.470 574	28	0.529 426	9.981 820	2	537	
464	9.452 420	25	9.470 602	28	0.529 398	9.981 818	3	536	
465	9.452 445	26	9.470 630	28	0.529 370	9.981 815	2	535	
466	9.452 471	25	9.470 658	27	0.529 342	9.981 813	2	534	
467	9.452 496	26	9.470 685	28	0.529 315	9.981 811	2	533	
468	9.452 522	26	9.470 713	28	0.529 287	9.981 809	3	532	
469	9.452 548	25	9.470 741	28	0.529 259	9.981 806	2	531	
.470	9.452 573	26	9.470 769	28	0.529 231	9.981 804	2	**.530**	
471	9.452 599	26	9.470 797	28	0.529 203	9.981 802	2	529	
472	9.452 625	25	9.470 825	28	0.529 175	9.981 800	2	528	
473	9.452 650	26	9.470 853	28	0.529 147	9.981 798	3	527	
474	9.452 676	26	9.470 881	28	0.529 119	9.981 795	2	526	
475	9.452 702	25	9.470 909	27	0.529 091	9.981 793	2	525	
476	9.452 727	26	9.470 936	28	0.529 064	9.981 791	2	524	
477	9.452 753	25	9.470 964	28	0.529 036	9.981 789	3	523	
478	9.452 778	26	9.470 992	28	0.529 008	9.981 786	2	522	
479	9.452 804	26	9.471 020	28	0.528 980	9.981 784	2	521	
.480	9.452 830	25	9.471 048	28	0.528 952	9.981 782	2	**.520**	
481	9.452 855	26	9.471 076	28	0.528 924	9.981 780	3	519	
482	9.452 881	26	9.471 104	27	0.528 896	9.981 777	2	518	
483	9.452 907	25	9.471 131	28	0.528 869	9.981 775	2	517	
484	9.452 932	26	9.471 159	28	0.528 841	9.981 773	2	516	
485	9.452 958	25	9.471 187	28	0.528 813	9.981 771	3	515	
486	9.452 983	26	9.471 215	28	0.528 785	9.981 768	2	514	
487	9.453 009	26	9.471 243	28	0.528 757	9.981 766	2	513	
488	9.453 035	25	9.471 271	28	0.528 729	9.981 764	2	512	
489	9.453 060	26	9.471 299	27	0.528 701	9.981 762	3	511	
.490	9.453 086	25	9.471 326	28	0.528 674	9.981 759	2	**.510**	
491	9.453 111	26	9.471 354	28	0.528 646	9.981 757	2	509	
492	9.453 137	26	9.471 382	28	0.528 618	9.981 755	2	508	
493	9.453 163	25	9.471 410	28	0.528 590	9.981 753	3	507	
494	9.453 188	26	9.471 438	28	0.528 562	9.981 750	2	506	
495	9.453 214	25	9.471 466	27	0.528 534	9.981 748	2	505	
496	9.453 239	26	9.471 493	28	0.528 507	9.981 746	2	504	
497	9.453 265	26	9.471 521	28	0.528 479	9.981 744	3	503	
498	9.453 291	25	9.471 549	28	0.528 451	9.981 741	2	502	
499	9.453 316	26	9.471 577	28	0.528 423	9.981 739	2	501	
.500	9.453 342		9.471 605		0.528 395	9.981 737		**.500**	
	cos	d	cotg	d	tang	sin	d	**73°**	P.P.

	28	27	26	25
1	2.8	2.7	2.6	2.5
2	5.6	5.4	5.2	5.0
3	8.4	8.1	7.8	7.5
4	11.2	10.8	10.4	10.0
5	14.0	13.5	13.0	12.5
6	16.8	16.2	15.6	15.0
7	19.6	18.9	18.2	17.5
8	22.4	21.6	20.8	20.0
9	25.2	24.3	23.4	22.5

73°.550 — 73°.500

16°.500 — 16°.550

16°	sin	d	tang	d	cotg	cos	d		P.P.
.500	9.453 342	25	9.471 605	28	0.528 395	9.981 737	2	.500	
501	9.453 367	26	9.471 633	28	0.528 367	9.981 735	3	499	
502	9.453 393	26	9.471 661	27	0.528 339	9.981 732	2	498	
503	9.453 419	25	9.471 688	28	0.528 312	9.981 730	2	497	
504	9.453 444	26	9.471 716	28	0.528 284	9.981 728	2	496	
505	9.453 470	25	9.471 744	28	0.528 256	9.981 726	3	495	
506	9.453 495	26	9.471 772	28	0.528 228	9.981 723	2	494	
507	9.453 521	25	9.471 800	27	0.528 200	9.981 721	2	493	
508	9.453 546	26	9.471 827	28	0.528 173	9.981 719	2	492	
509	9.453 572	26	9.471 855	28	0.528 145	9.981 717	2	491	
.510	9.453 598	25	9.471 883	28	0.528 117	9.981 715	3	.490	
511	9.453 623	26	9.471 911	28	0.528 089	9.981 712	2	489	
512	9.453 649	25	9.471 939	28	0.528 061	9.981 710	2	488	
513	9.453 674	26	9.471 967	27	0.528 033	9.981 708	2	487	
514	9.453 700	25	9.471 994	28	0.528 006	9.981 706	3	486	
515	9.453 725	26	9.472 022	28	0.527 978	9.981 703	2	485	
516	9.453 751	26	9.472 050	28	0.527 950	9.981 701	2	484	
517	9.453 777	25	9.472 078	28	0.527 922	9.981 699	2	483	
518	9.453 802	26	9.472 106	27	0.527 894	9.981 697	3	482	
519	9.453 828	25	9.472 133	28	0.527 867	9.981 694	2	481	
.520	9.453 853	26	9.472 161	28	0.527 839	9.981 692	2	.480	
521	9.453 879	25	9.472 189	28	0.527 811	9.981 690	2	479	
522	9.453 904	26	9.472 217	28	0.527 783	9.981 688	3	478	
523	9.453 930	25	9.472 245	27	0.527 755	9.981 685	2	477	
524	9.453 955	26	9.472 272	28	0.527 728	9.981 683	2	476	
525	9.453 981	26	9.472 300	28	0.527 700	9.981 681	2	475	
526	9.454 007	25	9.472 328	28	0.527 672	9.981 679	3	474	
527	9.454 032	26	9.472 356	28	0.527 644	9.981 676	2	473	
528	9.454 058	25	9.472 384	27	0.527 616	9.981 674	2	472	
529	9.454 083	26	9.472 411	28	0.527 589	9.981 672	2	471	
.530	9.454 109	25	9.472 439	28	0.527 561	9.981 670	3	.470	
531	9.454 134	26	9.472 467	28	0.527 533	9.981 667	2	469	
532	9.454 160	25	9.472 495	28	0.527 505	9.981 665	2	468	
533	9.454 185	26	9.472 523	27	0.527 477	9.981 663	2	467	
534	9.454 211	25	9.472 550	28	0.527 450	9.981 661	3	466	
535	9.454 236	26	9.472 578	28	0.527 422	9.981 658	2	465	
536	9.454 262	25	9.472 606	28	0.527 394	9.981 656	2	464	
537	9.454 287	26	9.472 634	27	0.527 366	9.981 654	2	463	
538	9.454 313	26	9.472 661	28	0.527 339	9.981 652	3	462	
539	9.454 339	25	9.472 689	28	0.527 311	9.981 649	2	461	
.540	9.454 364	26	9.472 717	28	0.527 283	9.981 647	2	.460	
541	9.454 390	25	9.472 745	28	0.527 255	9.981 645	2	459	
542	9.454 415	26	9.472 773	27	0.527 227	9.981 643	3	458	
543	9.454 441	25	9.472 800	28	0.527 200	9.981 640	2	457	
544	9.454 466	26	9.472 828	28	0.527 172	9.981 638	2	456	
545	9.454 492	25	9.472 856	28	0.527 144	9.981 636	2	455	
546	9.454 517	26	9.472 884	27	0.527 116	9.981 634	3	454	
547	9.454 543	25	9.472 911	28	0.527 089	9.981 631	2	453	
548	9.454 568	26	9.472 939	28	0.527 061	9.981 629	2	452	
549	9.454 594	25	9.472 967	28	0.527 033	9.981 627	2	451	
.550	9.454 619		9.472 995		0.527 005	9.981 625		.450	
	cos	d	cotg	d	tang	sin	d	73°	P.P.

	28
1	2.8
2	5.6
3	8.4
4	11.2
5	14.0
6	16.8
7	19.6
8	22.4
9	25.2

	27
1	2.7
2	5.4
3	8.1
4	10.8
5	13.5
6	16.2
7	18.9
8	21.6
9	24.3

	26
1	2.6
2	5.2
3	7.8
4	10.4
5	13.0
6	15.6
7	18.2
8	20.8
9	23.4

	25
1	2.5
2	5.0
3	7.5
4	10.0
5	12.5
6	15.0
7	17.5
8	20.0
9	22.5

73°.500 — 73°.450

16°.550 — 16°.600

16°	sin	d	tang	d	cotg	cos	d		P.P.
.550	9.454 619	26	9.472 995	27	0.527 005	9.981 625	3	.450	
551	9.454 645	25	9.473 022	28	0.526 978	9.981 622	2	449	
552	9.454 670	26	9.473 050	28	0.526 950	9.981 620	2	448	
553	9.454 696	25	9.473 078	28	0.526 922	9.981 618	2	447	
554	9.454 721	26	9.473 106	27	0.526 894	9.981 616	3	446	
555	9.454 747	25	9.473 133	28	0.526 867	9.981 613	2	445	
556	9.454 772	26	9.473 161	28	0.526 839	9.981 611	2	444	
557	9.454 798	25	9.473 189	28	0.526 811	9.981 609	3	443	
558	9.454 823	26	9.473 217	27	0.526 783	9.981 606	2	442	
559	9.454 849	25	9.473 244	28	0.526 756	9.981 604	2	441	
.560	9.454 874	26	9.473 272	28	0.526 728	9.981 602	2	.440	
561	9.454 900	25	9.473 300	28	0.526 700	9.981 600	3	439	
562	9.454 925	26	9.473 328	27	0.526 672	9.981 597	2	438	
563	9.454 951	25	9.473 355	28	0.526 645	9.981 595	2	437	
564	9.454 976	26	9.473 383	28	0.526 617	9.981 593	2	436	
565	9.455 002	25	9.473 411	28	0.526 589	9.981 591	3	435	
566	9.455 027	26	9.473 439	27	0.526 561	9.981 588	2	434	
567	9.455 053	25	9.473 466	28	0.526 534	9.981 586	2	433	
568	9.455 078	26	9.473 494	28	0.526 506	9.981 584	2	432	
569	9.455 104	25	9.473 522	28	0.526 478	9.981 582	3	431	
.570	9.455 129	26	9.473 550	27	0.526 450	9.981 579	2	.430	
571	9.455 155	25	9.473 577	28	0.526 423	9.981 577	2	429	
572	9.455 180	25	9.473 605	28	0.526 395	9.981 575	2	428	
573	9.455 205	26	9.473 633	28	0.526 367	9.981 573	3	427	
574	9.455 231	25	9.473 661	27	0.526 339	9.981 570	2	426	
575	9.455 256	26	9.473 688	28	0.526 312	9.981 568	2	425	
576	9.455 282	25	9.473 716	28	0.526 284	9.981 566	2	424	
577	9.455 307	26	9.473 744	27	0.526 256	9.981 564	3	423	
578	9.455 333	25	9.473 771	28	0.526 229	9.981 561	2	422	
579	9.455 358	26	9.473 799	28	0.526 201	9.981 559	2	421	
.580	9.455 384	25	9.473 827	28	0.526 173	9.981 557	2	.420	
581	9.455 409	26	9.473 855	27	0.526 145	9.981 555	3	419	
582	9.455 435	25	9.473 882	28	0.526 118	9.981 552	2	418	
583	9.455 460	26	9.473 910	28	0.526 090	9.981 550	2	417	
584	9.455 486	25	9.473 938	27	0.526 062	9.981 548	2	416	
585	9.455 511	25	9.473 965	28	0.526 035	9.981 546	3	415	
586	9.455 536	26	9.473 993	28	0.526 007	9.981 543	2	414	
587	9.455 562	25	9.474 021	28	0.525 979	9.981 541	2	413	
588	9.455 587	26	9.474 049	27	0.525 951	9.981 539	2	412	
589	9.455 613	25	9.474 076	28	0.525 924	9.981 537	3	411	
.590	9.455 638	26	9.474 104	28	0.525 896	9.981 534	2	.410	
591	9.455 664	25	9.474 132	27	0.525 868	9.981 532	2	409	
592	9.455 689	26	9.474 159	28	0.525 841	9.981 530	2	408	
593	9.455 715	25	9.474 187	28	0.525 813	9.981 528	3	407	
594	9.455 740	25	9.474 215	27	0.525 785	9.981 525	2	406	
595	9.455 765	26	9.474 242	28	0.525 758	9.981 523	2	405	
596	9.455 791	25	9.474 270	28	0.525 730	9.981 521	3	404	
597	9.455 816	26	9.474 298	27	0.525 702	9.981 518	2	403	
598	9.455 842	25	9.474 325	28	0.525 675	9.981 516	2	402	
599	9.455 867	26	9.474 353	28	0.525 647	9.981 514	2	401	
.600	9.455 893		9.474 381		0.525 619	9.981 512		.400	
	cos	d	cotg	d	tang	sin	d	73°	P.P.

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1	2.8
2	5.6
3	8.4
4	11.2
5	14.0
6	16.8
7	19.6
8	22.4
9	25.2

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1	2.7
2	5.4
3	8.1
4	10.8
5	13.5
6	16.2
7	18.9
8	21.6
9	24.3

	26
1	2.6
2	5.2
3	7.8
4	10.4
5	13.0
6	15.6
7	18.2
8	20.8
9	23.4

	25
1	2.5
2	5.0
3	7.5
4	10.0
5	12.5
6	15.0
7	17.5
8	20.0
9	22.5

73°.450 — 73°.400

16°.600 — 16°.650

16°	sin	d	tang	d	cotg	cos	d		P.P.
.600	9.455 893	25	9.474 381	28	0.525 619	9.981 512	3	.400	
601	9.455 918	25	9.474 409	27	0.525 591	9.981 509	2	399	
602	9.455 943	26	9.474 436	28	0.525 564	9.981 507	2	398	
603	9.455 969	25	9.474 464	28	0.525 536	9.981 505	2	397	
604	9.455 994	26	9.474 492	27	0.525 508	9.981 503	3	396	
605	9.456 020	25	9.474 519	28	0.525 481	9.981 500	2	395	
606	9.456 045	26	9.474 547	28	0.525 453	9.981 498	2	394	
607	9.456 071	25	9.474 575	27	0.525 425	9.981 496	2	393	
608	9.456 096	25	9.474 602	28	0.525 398	9.981 494	3	392	
609	9.456 121	26	9.474 630	28	0.525 370	9.981 491	2	391	
.610	9.456 147	25	9.474 658	27	0.525 342	9.981 489	2	.390	
611	9.456 172	26	9.474 685	28	0.525 315	9.981 487	2	389	
612	9.456 198	25	9.474 713	28	0.525 287	9.981 485	3	388	
613	9.456 223	25	9.474 741	27	0.525 259	9.981 482	2	387	
614	9.456 248	26	9.474 768	28	0.525 232	9.981 480	2	386	
615	9.456 274	25	9.474 796	28	0.525 204	9.981 478	2	385	
616	9.456 299	26	9.474 824	27	0.525 176	9.981 476	3	384	
617	9.456 325	25	9.474 851	28	0.525 149	9.981 473	2	383	
618	9.456 350	25	9.474 879	28	0.525 121	9.981 471	2	382	
619	9.456 375	26	9.474 907	27	0.525 093	9.981 469	3	381	
.620	9.456 401	25	9.474 934	28	0.525 066	9.981 466	2	.380	
621	9.456 426	26	9.474 962	28	0.525 038	9.981 464	2	379	
622	9.456 452	25	9.474 990	27	0.525 010	9.981 462	2	378	
623	9.456 477	25	9.475 017	28	0.524 983	9.981 460	3	377	
624	9.456 502	26	9.475 045	28	0.524 955	9.981 457	2	376	
625	9.456 528	25	9.475 073	27	0.524 927	9.981 455	2	375	
626	9.456 553	25	9.475 100	28	0.524 900	9.981 453	2	374	
627	9.456 578	26	9.475 128	27	0.524 872	9.981 451	3	373	
628	9.456 604	25	9.475 155	28	0.524 845	9.981 448	2	372	
629	9.456 629	26	9.475 183	28	0.524 817	9.981 446	2	371	
.630	9.456 655	25	9.475 211	27	0.524 789	9.981 444	2	.370	
631	9.456 680	25	9.475 238	28	0.524 762	9.981 442	3	369	
632	9.456 705	26	9.475 266	28	0.524 734	9.981 439	2	368	
633	9.456 731	25	9.475 294	27	0.524 706	9.981 437	2	367	
634	9.456 756	25	9.475 321	28	0.524 679	9.981 435	2	366	
635	9.456 781	26	9.475 349	28	0.524 651	9.981 433	3	365	
636	9.456 807	25	9.475 377	27	0.524 623	9.981 430	2	364	
637	9.456 832	26	9.475 404	28	0.524 596	9.981 428	2	363	
638	9.456 858	25	9.475 432	27	0.524 568	9.981 426	3	362	
639	9.456 883	25	9.475 459	28	0.524 541	9.981 423	2	361	
.640	9.456 908	26	9.475 487	28	0.524 513	9.981 421	2	.360	
641	9.456 934	25	9.475 515	27	0.524 485	9.981 419	2	359	
642	9.456 959	25	9.475 542	28	0.524 458	9.981 417	3	358	
643	9.456 984	26	9.475 570	28	0.524 430	9.981 414	2	357	
644	9.457 010	25	9.475 598	27	0.524 402	9.981 412	2	356	
645	9.457 035	25	9.475 625	28	0.524 375	9.981 410	2	355	
646	9.457 060	26	9.475 653	27	0.524 347	9.981 408	3	354	
647	9.457 086	25	9.475 680	28	0.524 320	9.981 405	2	353	
648	9.457 111	25	9.475 708	28	0.524 292	9.981 403	2	352	
649	9.457 136	26	9.475 736	27	0.524 264	9.981 401	2	351	
.650	9.457 162		9.475 763		0.524 237	9.981 399		.350	
	cos	d	cotg	d	tang	sin	d	73°	P.P.

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1	2.8
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3	8.4
4	11.2
5	14.0
6	16.8
7	19.6
8	22.4
9	25.2

	27
1	2.7
2	5.4
3	8.1
4	10.8
5	13.5
6	16.2
7	18.9
8	21.6
9	24.3

	26
1	2.6
2	5.2
3	7.8
4	10.4
5	13.0
6	15.6
7	18.2
8	20.8
9	23.4

	25
1	2.5
2	5.0
3	7.5
4	10.0
5	12.5
6	15.0
7	17.5
8	20.0
9	22.5

73°.400 — 73°.350

16°.650 — 16°.700

16°	sin	d	tang	d	cotg	cos	d		P.P.
.650	9.457 162		9.475 763		0.524 237	9.981 399		.350	
		25		28			3		
651	9.457 187	26	9.475 791	28	0.524 209	9.981 396	2	349	
652	9.457 213	25	9.475 819	27	0.524 181	9.981 394	2	348	
653	9.457 238	25	9.475 846	28	0.524 154	9.981 392	3	347	
654	9.457 263	26	9.475 874	27	0.524 126	9.981 389	2	346	
655	9.457 289	25	9.475 901	28	0.524 099	9.981 387	2	345	
656	9.457 314	25	9.475 929	28	0.524 071	9.981 385	2	344	
657	9.457 339	26	9.475 957	27	0.524 043	9.981 383	3	343	
658	9.457 365	25	9.475 984	28	0.524 016	9.981 380	2	342	
659	9.457 390	25	9.476 012	27	0.523 988	9.981 378	2	341	
.660	9.457 415	26	9.476 039	28	0.523 961	9.981 376	2	.340	
661	9.457 441	25	9.476 067	28	0.523 933	9.981 374	3	339	
662	9.457 466	25	9.476 095	27	0.523 905	9.981 371	2	338	
663	9.457 491	26	9.476 122	28	0.523 878	9.981 369	2	337	
664	9.457 517	25	9.476 150	27	0.523 850	9.981 367	2	336	
665	9.457 542	25	9.476 177	28	0.523 823	9.981 365	3	335	
666	9.457 567	25	9.476 205	27	0.523 795	9.981 362	2	334	
667	9.457 592	26	9.476 232	28	0.523 768	9.981 360	2	333	
668	9.457 618	25	9.476 260	28	0.523 740	9.981 358	3	332	
669	9.457 643	25	9.476 288	27	0.523 712	9.981 355	2	331	
.670	9.457 668	26	9.476 315	28	0.523 685	9.981 353	2	.330	
671	9.457 694	25	9.476 343	27	0.523 657	9.981 351	2	329	
672	9.457 719	25	9.476 370	28	0.523 630	9.981 349	3	328	
673	9.457 744	26	9.476 398	28	0.523 602	9.981 346	2	327	
674	9.457 770	25	9.476 426	27	0.523 574	9.981 344	2	326	
675	9.457 795	25	9.476 453	28	0.523 547	9.981 342	2	325	
676	9.457 820	26	9.476 481	27	0.523 519	9.981 340	3	324	
677	9.457 846	25	9.476 508	28	0.523 492	9.981 337	2	323	
678	9.457 871	25	9.476 536	27	0.523 464	9.981 335	2	322	
679	9.457 896	25	9.476 563	28	0.523 437	9.981 333	3	321	
.680	9.457 921	26	9.476 591	28	0.523 409	9.981 330	2	.320	
681	9.457 947	25	9.476 619	27	0.523 381	9.981 328	2	319	
682	9.457 972	25	9.476 646	28	0.523 354	9.981 326	2	318	
683	9.457 997	26	9.476 674	27	0.523 326	9.981 324	3	317	
684	9.458 023	25	9.476 701	28	0.523 299	9.981 321	2	316	
685	9.458 048	25	9.476 729	27	0.523 271	9.981 319	2	315	
686	9.458 073	26	9.476 756	28	0.523 244	9.981 317	2	314	
687	9.458 099	25	9.476 784	27	0.523 216	9.981 315	3	313	
688	9.458 124	25	9.476 811	28	0.523 189	9.981 312	2	312	
689	9.458 149	25	9.476 839	28	0.523 161	9.981 310	2	311	
.690	9.458 174	26	9.476 867	27	0.523 133	9.981 308	3	.310	
691	9.458 200	25	9.476 894	28	0.523 106	9.981 305	2	309	
692	9.458 225	25	9.476 922	27	0.523 078	9.981 303	2	308	
693	9.458 250	25	9.476 949	28	0.523 051	9.981 301	2	307	
694	9.458 275	26	9.476 977	27	0.523 023	9.981 299	3	306	
695	9.458 301	25	9.477 004	28	0.522 996	9.981 296	2	305	
696	9.458 326	25	9.477 032	27	0.522 968	9.981 294	2	304	
697	9.458 351	26	9.477 059	28	0.522 941	9.981 292	2	303	
698	9.458 377	25	9.477 087	28	0.522 913	9.981 290	3	302	
699	9.458 402	25	9.477 115	27	0.522 885	9.981 287	2	301	
.700	9.458 427		9.477 142		0.522 858	9.981 285		.300	
	cos	d	cotg	d	tang	sin	d	73°	P.P.

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1	2.8
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5	14.0
6	16.8
7	19.6
8	22.4
9	25.2

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1	2.7
2	5.4
3	8.1
4	10.8
5	13.5
6	16.2
7	18.9
8	21.6
9	24.3

	26
1	2.6
2	5.2
3	7.8
4	10.4
5	13.0
6	15.6
7	18.2
8	20.8
9	23.4

	25
1	2.5
2	5.0
3	7.5
4	10.0
5	12.5
6	15.0
7	17.5
8	20.0
9	22.5

73°.350 — 73°.300

16°.700 — 16°.750

16°	sin	d	tang	d	cotg	cos	d		P.P.
.700	9.458 427	25	9.477 142	28	0.522 858	9.981 285	2	**.300**	
701	9.458 452	26	9.477 170	27	0.522 830	9.981 283	3	299	
702	9.458 478	25	9.477 197	28	0.522 803	9.981 280	2	298	
703	9.458 503	25	9.477 225	27	0.522 775	9.981 278	2	297	
704	9.458 528	25	9.477 252	28	0.522 748	9.981 276	2	296	
705	9.458 553	26	9.477 280	27	0.522 720	9.981 274	3	295	
706	9.458 579	25	9.477 307	28	0.522 693	9.981 271	2	294	
707	9.458 604	25	9.477 335	27	0.522 665	9.981 269	2	293	
708	9.458 629	25	9.477 362	28	0.522 638	9.981 267	2	292	
709	9.458 654	26	9.477 390	27	0.522 610	9.981 265	3	291	
.710	9.458 680	25	9.477 417	28	0.522 583	9.981 262	2	**.290**	
711	9.458 705	25	9.477 445	27	0.522 555	9.981 260	2	289	
712	9.458 730	25	9.477 472	28	0.522 528	9.981 258	3	288	
713	9.458 755	26	9.477 500	27	0.522 500	9.981 255	2	287	
714	9.458 781	25	9.477 527	28	0.522 473	9.981 253	2	286	
715	9.458 806	25	9.477 555	28	0.522 445	9.981 251	2	285	
716	9.458 831	25	9.477 583	27	0.522 417	9.981 249	3	284	
717	9.458 856	26	9.477 610	28	0.522 390	9.981 246	2	283	
718	9.458 882	25	9.477 638	27	0.522 362	9.981 244	2	282	
719	9.458 907	25	9.477 665	28	0.522 335	9.981 242	2	281	
.720	9.458 932	25	9.477 693	27	0.522 307	9.981 240	3	**.280**	
721	9.458 957	26	9.477 720	28	0.522 280	9.981 237	2	279	
722	9.458 983	25	9.477 748	27	0.522 252	9.981 235	2	278	
723	9.459 008	25	9.477 775	28	0.522 225	9.981 233	3	277	
724	9.459 033	25	9.477 803	27	0.522 197	9.981 230	2	276	
725	9.459 058	25	9.477 830	28	0.522 170	9.981 228	2	275	
726	9.459 083	26	9.477 858	27	0.522 142	9.981 226	2	274	
727	9.459 109	25	9.477 885	28	0.522 115	9.981 224	3	273	
728	9.459 134	25	9.477 913	27	0.522 087	9.981 221	2	272	
729	9.459 159	25	9.477 940	28	0.522 060	9.981 219	2	271	
.730	9.459 184	26	9.477 968	27	0.522 032	9.981 217	3	**.270**	
731	9.459 210	25	9.477 995	28	0.522 005	9.981 214	2	269	
732	9.459 235	25	9.478 023	27	0.521 977	9.981 212	2	268	
733	9.459 260	25	9.478 050	28	0.521 950	9.981 210	2	267	
734	9.459 285	25	9.478 078	27	0.521 922	9.981 208	3	266	
735	9.459 310	26	9.478 105	28	0.521 895	9.981 205	2	265	
736	9.459 336	25	9.478 133	27	0.521 867	9.981 203	2	264	
737	9.459 361	25	9.478 160	28	0.521 840	9.981 201	2	263	
738	9.459 386	25	9.478 188	27	0.521 812	9.981 199	3	262	
739	9.459 411	25	9.478 215	27	0.521 785	9.981 196	2	261	
.740	9.459 436	26	9.478 242	28	0.521 758	9.981 194	2	**.260**	
741	9.459 462	25	9.478 270	27	0.521 730	9.981 192	3	259	
742	9.459 487	25	9.478 297	28	0.521 703	9.981 189	2	258	
743	9.459 512	25	9.478 325	27	0.521 675	9.981 187	2	257	
744	9.459 537	25	9.478 352	28	0.521 648	9.981 185	2	256	
745	9.459 562	26	9.478 380	27	0.521 620	9.981 183	3	255	
746	9.459 588	25	9.478 407	28	0.521 593	9.981 180	2	254	
747	9.459 613	25	9.478 435	27	0.521 565	9.981 178	2	253	
748	9.459 638	25	9.478 462	28	0.521 538	9.981 176	3	252	
749	9.459 663	25	9.478 490	27	0.521 510	9.981 173	2	251	
.750	9.459 688		9.478 517		0.521 483	9.981 171		**.250**	
	cos	d	cotg	d	tang	sin	d	**73°**	P.P.

	28
1	2.8
2	5.6
3	8.4
4	11.2
5	14.0
6	16.8
7	19.6
8	22.4
9	25.2

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1	2.7
2	5.4
3	8.1
4	10.8
5	13.5
6	16.2
7	18.9
8	21.6
9	24.3

	26
1	2.6
2	5.2
3	7.8
4	10.4
5	13.0
6	15.6
7	18.2
8	20.8
9	23.4

	25
1	2.5
2	5.0
3	7.5
4	10.0
5	12.5
6	15.0
7	17.5
8	20.0
9	22.5

73°.300 — 73°.250

16°.750 — 16°.800

16°	sin	d	tang	d	cotg	cos	d		P.P.
.750	9.459 688	26	9.478 517	28	0.521 483	9.981 171	2	.250	
751	9.459 714	25	9.478 545	27	0.521 455	9.981 169	2	249	
752	9.459 739	25	9.478 572	28	0.521 428	9.981 167	3	248	
753	9.459 764	25	9.478 600	27	0.521 400	9.981 164	2	247	
754	9.459 789	25	9.478 627	28	0.521 373	9.981 162	2	246	
755	9.459 814	25	9.478 655	27	0.521 345	9.981 160	3	245	
756	9.459 839	26	9.478 682	27	0.521 318	9.981 157	2	244	
757	9.459 865	25	9.478 709	28	0.521 291	9.981 155	2	243	
758	9.459 890	25	9.478 737	27	0.521 263	9.981 153	2	242	
759	9.459 915	25	9.478 764	28	0.521 236	9.981 151	3	241	
.760	9.459 940	25	9.478 792	27	0.521 208	9.981 148	2	.240	
761	9.459 965	25	9.478 819	28	0.521 181	9.981 146	2	239	
762	9.459 990	26	9.478 847	27	0.521 153	9.981 144	3	238	
763	9.460 016	25	9.478 874	28	0.521 126	9.981 141	2	237	
764	9.460 041	25	9.478 902	27	0.521 098	9.981 139	2	236	
765	9.460 066	25	9.478 929	27	0.521 071	9.981 137	3	235	
766	9.460 091	25	9.478 956	28	0.521 044	9.981 135	2	234	
767	9.460 116	25	9.478 984	27	0.521 016	9.981 132	2	233	
768	9.460 141	26	9.479 011	28	0.520 989	9.981 130	2	232	
769	9.460 167	25	9.479 039	27	0.520 961	9.981 128	3	231	
.770	9.460 192	25	9.479 066	28	0.520 934	9.981 125	2	.230	
771	9.460 217	25	9.479 094	27	0.520 906	9.981 123	2	229	
772	9.460 242	25	9.479 121	28	0.520 879	9.981 121	2	228	
773	9.460 267	25	9.479 149	27	0.520 851	9.981 119	3	227	
774	9.460 292	25	9.479 176	27	0.520 824	9.981 116	2	226	
775	9.460 317	26	9.479 203	28	0.520 797	9.981 114	2	225	
776	9.460 343	25	9.479 231	27	0.520 769	9.981 112	2	224	
777	9.460 368	25	9.479 258	28	0.520 742	9.981 110	3	223	
778	9.460 393	25	9.479 286	27	0.520 714	9.981 107	2	222	
779	9.460 418	25	9.479 313	28	0.520 687	9.981 105	2	221	
.780	9.460 443	25	9.479 341	27	0.520 659	9.981 103	3	.220	
781	9.460 468	25	9.479 368	27	0.520 632	9.981 100	2	219	
782	9.460 493	26	9.479 395	28	0.520 605	9.981 098	2	218	
783	9.460 519	25	9.479 423	27	0.520 577	9.981 096	2	217	
784	9.460 544	25	9.479 450	28	0.520 550	9.981 094	3	216	
785	9.460 569	25	9.479 478	27	0.520 522	9.981 091	2	215	
786	9.460 594	25	9.479 505	27	0.520 495	9.981 089	2	214	
787	9.460 619	25	9.479 532	28	0.520 468	9.981 087	3	213	
788	9.460 644	25	9.479 560	27	0.520 440	9.981 084	2	212	
789	9.460 669	25	9.479 587	28	0.520 413	9.981 082	2	211	
.790	9.460 694	26	9.479 615	27	0.520 385	9.981 080	3	.210	
791	9.460 720	25	9.479 642	28	0.520 358	9.981 077	2	209	
792	9.460 745	25	9.479 670	27	0.520 330	9.981 075	2	208	
793	9.460 770	25	9.479 697	27	0.520 303	9.981 073	2	207	
794	9.460 795	25	9.479 724	28	0.520 276	9.981 071	3	206	
795	9.460 820	25	9.479 752	27	0.520 248	9.981 068	2	205	
796	9.460 845	25	9.479 779	28	0.520 221	9.981 066	2	204	
797	9.460 870	25	9.479 807	27	0.520 193	9.981 064	3	203	
798	9.460 895	26	9.479 834	27	0.520 166	9.981 061	2	202	
799	9.460 921	25	9.479 861	28	0.520 139	9.981 059	2	201	
.800	9.460 946		9.479 889		0.520 111	9.981 057		.200	
	cos	d	cotg	d	tang	sin	d	73°	P.P.

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8	22.4
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4	10.8
5	13.5
6	16.2
7	18.9
8	21.6
9	24.3

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1	2.6
2	5.2
3	7.8
4	10.4
5	13.0
6	15.6
7	18.2
8	20.8
9	23.4

	25
1	2.5
2	5.0
3	7.5
4	10.0
5	12.5
6	15.0
7	17.5
8	20.0
9	22.5

73°.250 — 73°.200

16°.800 — 16°.850

16°	sin	d	tang	d	cotg	cos	d		P.P.
.800	9.460 946	25	9.479 889	27	0.520 111	9.981 057	2	.200	
801	9.460 971	25	9.479 916	28	0.520 084	9.981 055	3	199	
802	9.460 996	25	9.479 944	27	0.520 056	9.981 052	2	198	
803	9.461 021	25	9.479 971	27	0.520 029	9.981 050	2	197	
804	9.461 046	25	9.479 998	28	0.520 002	9.981 048	3	196	
805	9.461 071	25	9.480 026	27	0.519 974	9.981 045	2	195	
806	9.461 096	25	9.480 053	27	0.519 947	9.981 043	2	194	
807	9.461 121	25	9.480 080	28	0.519 920	9.981 041	2	193	
808	9.461 146	26	9.480 108	27	0.519 892	9.981 039	3	192	
809	9.461 172	25	9.480 135	28	0.519 865	9.981 036	2	191	
.810	9.461 197	25	9.480 163	27	0.519 837	9.981 034	2	.190	
811	9.461 222	25	9.480 190	27	0.519 810	9.981 032	3	189	
812	9.461 247	25	9.480 217	28	0.519 783	9.981 029	2	188	
813	9.461 272	25	9.480 245	27	0.519 755	9.981 027	2	187	
814	9.461 297	25	9.480 272	27	0.519 728	9.981 025	2	186	
815	9.461 322	25	9.480 299	28	0.519 701	9.981 023	3	185	
816	9.461 347	25	9.480 327	27	0.519 673	9.981 020	2	184	
817	9.461 372	25	9.480 354	28	0.519 646	9.981 018	2	183	
818	9.461 397	25	9.480 382	27	0.519 618	9.981 016	3	182	
819	9.461 422	25	9.480 409	27	0.519 591	9.981 013	2	181	
.820	9.461 447	25	9.480 436	28	0.519 564	9.981 011	2	.180	
821	9.461 472	26	9.480 464	27	0.519 536	9.981 009	2	179	
822	9.461 498	25	9.480 491	27	0.519 509	9.981 007	3	178	
823	9.461 523	25	9.480 518	28	0.519 482	9.981 004	2	177	
824	9.461 548	25	9.480 546	27	0.519 454	9.981 002	2	176	
825	9.461 573	25	9.480 573	27	0.519 427	9.981 000	3	175	
826	9.461 598	25	9.480 600	28	0.519 400	9.980 997	2	174	
827	9.461 623	25	9.480 628	27	0.519 372	9.980 995	2	173	
828	9.461 648	25	9.480 655	28	0.519 345	9.980 993	3	172	
829	9.461 673	25	9.480 683	27	0.519 317	9.980 990	2	171	
.830	9.461 698	25	9.480 710	27	0.519 290	9.980 988	2	.170	
831	9.461 723	25	9.480 737	28	0.519 263	9.980 986	2	169	
832	9.461 748	25	9.480 765	27	0.519 235	9.980 984	3	168	
833	9.461 773	25	9.480 792	27	0.519 208	9.980 981	2	167	
834	9.461 798	25	9.480 819	28	0.519 181	9.980 979	2	166	
835	9.461 823	25	9.480 847	27	0.519 153	9.980 977	3	165	
836	9.461 848	25	9.480 874	27	0.519 126	9.980 974	2	164	
837	9.461 873	25	9.480 901	28	0.519 099	9.980 972	2	163	
838	9.461 898	26	9.480 929	27	0.519 071	9.980 970	2	162	
839	9.461 924	25	9.480 956	27	0.519 044	9.980 968	3	161	
.840	9.461 949	25	9.480 983	28	0.519 017	9.980 965	2	.160	
841	9.461 974	25	9.481 011	27	0.518 989	9.980 963	2	159	
842	9.461 999	25	9.481 038	27	0.518 962	9.980 961	3	158	
843	9.462 024	25	9.481 065	28	0.518 935	9.980 958	2	157	
844	9.462 049	25	9.481 093	27	0.518 907	9.980 956	2	156	
845	9.462 074	25	9.481 120	27	0.518 880	9.980 954	3	155	
846	9.462 099	25	9.481 147	28	0.518 853	9.980 951	2	154	
847	9.462 124	25	9.481 175	27	0.518 825	9.980 949	2	153	
848	9.462 149	25	9.481 202	27	0.518 798	9.980 947	2	152	
849	9.462 174	25	9.481 229	28	0.518 771	9.980 945	3	151	
.850	9.462 199		9.481 257		0.518 743	9.980 942		.150	
	cos	d	cotg	d	tang	sin	d	73°	P.P.

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1	2.8
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3	8.4
4	11.2
5	14.0
6	16.8
7	19.6
8	22.4
9	25.2

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1	2.7
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3	8.1
4	10.8
5	13.5
6	16.2
7	18.9
8	21.6
9	24.3

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1	2.6
2	5.2
3	7.8
4	10.4
5	13.0
6	15.6
7	18.2
8	20.8
9	23.4

	25
1	2.5
2	5.0
3	7.5
4	10.0
5	12.5
6	15.0
7	17.5
8	20.0
9	22.5

73°.200 — 73°.150

16°.850 — 16°.900

16°	sin	d	tang	d	cotg	cos	d		P.P.
.850	9.462 199	25	9.481 257	27	0.518 743	9.980 942	2	**.150**	
851	9.462 224	25	9.481 284	27	0.518 716	9.980 940	2	149	
852	9.462 249	25	9.481 311	28	0.518 689	9.980 938	3	148	
853	9.462 274	25	9.481 339	27	0.518 661	9.980 935	2	147	
854	9.462 299	25	9.481 366	27	0.518 634	9.980 933	2	146	
855	9.462 324	25	9.481 393	28	0.518 607	9.980 931	2	145	
856	9.462 349	25	9.481 421	27	0.518 579	9.980 929	3	144	
857	9.462 374	25	9.481 448	27	0.518 552	9.980 926	2	143	
858	9.462 399	25	9.481 475	27	0.518 525	9.980 924	2	142	
859	9.462 424	25	9.481 502	28	0.518 498	9.980 922	3	141	
.860	9.462 449	25	9.481 530	27	0.518 470	9.980 919	2	**.140**	
861	9.462 474	25	9.481 557	27	0.518 443	9.980 917	2	139	
862	9.462 499	25	9.481 584	28	0.518 416	9.980 915	3	138	
863	9.462 524	25	9.481 612	27	0.518 388	9.980 912	2	137	
864	9.462 549	25	9.481 639	27	0.518 361	9.980 910	2	136	
865	9.462 574	25	9.481 666	28	0.518 334	9.980 908	2	135	
866	9.462 599	25	9.481 694	27	0.518 306	9.980 906	3	134	
867	9.462 624	25	9.481 721	27	0.518 279	9.980 903	2	133	
868	9.462 649	25	9.481 748	28	0.518 252	9.980 901	2	132	
869	9.462 674	25	9.481 776	27	0.518 224	9.980 899	3	131	
.870	9.462 699	25	9.481 803	27	0.518 197	9.980 896	2	**.130**	
871	9.462 724	25	9.481 830	27	0.518 170	9.980 894	2	129	
872	9.462 749	25	9.481 857	28	0.518 143	9.980 892	3	128	
873	9.462 774	25	9.481 885	27	0.518 115	9.980 889	2	127	
874	9.462 799	25	9.481 912	27	0.518 088	9.980 887	2	126	
875	9.462 824	25	9.481 939	28	0.518 061	9.980 885	2	125	
876	9.462 849	25	9.481 967	27	0.518 033	9.980 883	3	124	
877	9.462 874	25	9.481 994	27	0.518 006	9.980 880	2	123	
878	9.462 899	25	9.482 021	27	0.517 979	9.980 878	2	122	
879	9.462 924	25	9.482 048	28	0.517 952	9.980 876	3	121	
.880	9.462 949	25	9.482 076	27	0.517 924	9.980 873	2	**.120**	
881	9.462 974	25	9.482 103	27	0.517 897	9.980 871	2	119	
882	9.462 999	25	9.482 130	28	0.517 870	9.980 869	3	118	
883	9.463 024	25	9.482 158	27	0.517 842	9.980 866	2	117	
884	9.463 049	25	9.482 185	27	0.517 815	9.980 864	2	116	
885	9.463 074	25	9.482 212	27	0.517 788	9.980 862	2	115	
886	9.463 099	25	9.482 239	28	0.517 761	9.980 860	3	114	
887	9.463 124	25	9.482 267	27	0.517 733	9.980 857	2	113	
888	9.463 149	25	9.482 294	27	0.517 706	9.980 855	2	112	
889	9.463 174	25	9.482 321	27	0.517 679	9.980 853	3	111	
.890	9.463 199	25	9.482 348	28	0.517 652	9.980 850	2	**.110**	
891	9.463 224	25	9.482 376	27	0.517 624	9.980 848	2	109	
892	9.463 249	25	9.482 403	27	0.517 597	9.980 846	3	108	
893	9.463 274	25	9.482 430	27	0.517 570	9.980 843	2	107	
894	9.463 299	25	9.482 457	28	0.517 543	9.980 841	2	106	
895	9.463 324	25	9.482 485	27	0.517 515	9.980 839	2	105	
896	9.463 349	24	9.482 512	27	0.517 488	9.980 837	3	104	
897	9.463 373	25	9.482 539	27	0.517 461	9.980 834	2	103	
898	9.463 398	25	9.482 566	28	0.517 434	9.980 832	2	102	
899	9.463 423	25	9.482 594	27	0.517 406	9.980 830	3	101	
.900	9.463 448		9.482 621		0.517 379	9.980 827		**.100**	
	cos	d	cotg	d	tang	sin	d	**73°**	P.P.

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1	2.8
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4	11.2
5	14.0
6	16.8
7	19.6
8	22.4
9	25.2

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1	2.7
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4	10.8
5	13.5
6	16.2
7	18.9
8	21.6
9	24.3

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1	2.5
2	5.0
3	7.5
4	10.0
5	12.5
6	15.0
7	17.5
8	20.0
9	22.5

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1	2.4
2	4.8
3	7.2
4	9.6
5	12.0
6	14.4
7	16.8
8	19.2
9	21.6

73°.150 — 73°.100

16°.900 — 16°.950

16°	sin	d	tang	d	cotg	cos	d		P.P.
.900	9.463 448	25	9.482 621	27	0.517 379	9.980 827	2	**.100**	
901	9.463 473	25	9.482 648	27	0.517 352	9.980 825	2	099	
902	9.463 498	25	9.482 675	28	0.517 325	9.980 823	3	098	
903	9.463 523	25	9.482 703	27	0.517 297	9.980 820	2	097	
904	9.463 548	25	9.482 730	27	0.517 270	9.980 818	2	096	
905	9.463 573	25	9.482 757	27	0.517 243	9.980 816	2	095	
906	9.463 598	25	9.482 784	28	0.517 216	9.980 814	3	094	
907	9.463 623	25	9.482 812	27	0.517 188	9.980 811	2	093	
908	9.463 648	25	9.482 839	27	0.517 161	9.980 809	2	092	
909	9.463 673	25	9.482 866	27	0.517 134	9.980 807	3	091	
.910	9.463 698	25	9.482 893	28	0.517 107	9.980 804	2	**.090**	
911	9.463 723	25	9.482 921	27	0.517 079	9.980 802	2	089	
912	9.463 748	25	9.482 948	27	0.517 052	9.980 800	3	088	
913	9.463 773	24	9.482 975	27	0.517 025	9.980 797	2	087	
914	9.463 797	25	9.483 002	28	0.516 998	9.980 795	2	086	
915	9.463 822	25	9.483 030	27	0.516 970	9.980 793	3	085	
916	9.463 847	25	9.483 057	27	0.516 943	9.980 790	2	084	
917	9.463 872	25	9.483 084	27	0.516 916	9.980 788	2	083	
918	9.463 897	25	9.483 111	27	0.516 889	9.980 786	2	082	
919	9.463 922	25	9.483 138	28	0.516 862	9.980 784	3	081	
.920	9.463 947	25	9.483 166	27	0.516 834	9.980 781	2	**.080**	
921	9.463 972	25	9.483 193	27	0.516 807	9.980 779	2	079	
922	9.463 997	25	9.483 220	27	0.516 780	9.980 777	3	078	
923	9.464 022	25	9.483 247	28	0.516 753	9.980 774	2	077	
924	9.464 047	25	9.483 275	27	0.516 725	9.980 772	2	076	
925	9.464 072	24	9.483 302	27	0.516 698	9.980 770	3	075	
926	9.464 096	25	9.483 329	27	0.516 671	9.980 767	2	074	
927	9.464 121	25	9.483 356	27	0.516 644	9.980 765	2	073	
928	9.464 146	25	9.483 383	28	0.516 617	9.980 763	3	072	
929	9.464 171	25	9.483 411	27	0.516 589	9.980 760	2	071	
.930	9.464 196	25	9.483 438	27	0.516 562	9.980 758	2	**.070**	
931	9.464 221	25	9.483 465	27	0.516 535	9.980 756	2	069	
932	9.464 246	25	9.483 492	27	0.516 508	9.980 754	3	068	
933	9.464 271	25	9.483 519	28	0.516 481	9.980 751	2	067	
934	9.464 296	25	9.483 547	27	0.516 453	9.980 749	2	066	
935	9.464 321	24	9.483 574	27	0.516 426	9.980 747	3	065	
936	9.464 345	25	9.483 601	27	0.516 399	9.980 744	2	064	
937	9.464 370	25	9.483 628	27	0.516 372	9.980 742	2	063	
938	9.464 395	25	9.483 655	28	0.516 345	9.980 740	3	062	
939	9.464 420	25	9.483 683	27	0.516 317	9.980 737	2	061	
.940	9.464 445	25	9.483 710	27	0.516 290	9.980 735	2	**.060**	
941	9.464 470	25	9.483 737	27	0.516 263	9.980 733	3	059	
942	9.464 495	25	9.483 764	27	0.516 236	9.980 730	2	058	
943	9.464 520	25	9.483 791	28	0.516 209	9.980 728	2	057	
944	9.464 545	24	9.483 819	27	0.516 181	9.980 726	2	056	
945	9.464 569	25	9.483 846	27	0.516 154	9.980 724	3	055	
946	9.464 594	25	9.483 873	27	0.516 127	9.980 721	2	054	
947	9.464 619	25	9.483 900	27	0.516 100	9.980 719	2	053	
948	9.464 644	25	9.483 927	28	0.516 073	9.980 717	3	052	
949	9.464 669	25	9.483 955	27	0.516 045	9.980 714	2	051	
.950	9.464 694		9.483 982		0.516 018	9.980 712		**.050**	
	cos	d	cotg	d	tang	sin	d	**73°**	P.P.

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7	16.8
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9	21.6

73°.100 — 73°.050

16°.950 — 17°.000

16°	sin	d	tang	d	cotg	cos	d		P.P.
.950	9.464 694	25	9.483 982	27	0.516 018	9.980 712	2	**.050**	
951	9.464 719	25	9.484 009	27	0.515 991	9.980 710	3	049	
952	9.464 744	24	9.484 036	27	0.515 964	9.980 707	2	048	
953	9.464 768	25	9.484 063	27	0.515 937	9.980 705	2	047	
954	9.464 793	25	9.484 090	28	0.515 910	9.980 703	3	046	
955	9.464 818	25	9.484 118	27	0.515 882	9.980 700	2	045	
956	9.464 843	25	9.484 145	27	0.515 855	9.980 698	2	044	
957	9.464 868	25	9.484 172	27	0.515 828	9.980 696	2	043	
958	9.464 893	25	9.484 199	27	0.515 801	9.980 694	3	042	
959	9.464 918	24	9.484 226	27	0.515 774	9.980 691	2	041	
.960	9.464 942	25	9.484 253	28	0.515 747	9.980 689	2	**.040**	
961	9.464 967	25	9.484 281	27	0.515 719	9.980 687	3	039	
962	9.464 992	25	9.484 308	27	0.515 692	9.980 684	2	038	
963	9.465 017	25	9.484 335	27	0.515 665	9.980 682	2	037	
964	9.465 042	25	9.484 362	27	0.515 638	9.980 680	3	036	
965	9.465 067	24	9.484 389	27	0.515 611	9.980 677	2	035	
966	9.465 091	25	9.484 416	28	0.515 584	9.980 675	2	034	
967	9.465 116	25	9.484 444	27	0.515 556	9.980 673	3	033	
968	9.465 141	25	9.484 471	27	0.515 529	9.980 670	2	032	
969	9.465 166	25	9.484 498	27	0.515 502	9.980 668	2	031	
.970	9.465 191	25	9.484 525	27	0.515 475	9.980 666	3	**.030**	
971	9.465 216	25	9.484 552	27	0.515 448	9.980 663	2	029	
972	9.465 241	24	9.484 579	28	0.515 421	9.980 661	2	028	
973	9.465 265	25	9.484 607	27	0.515 393	9.980 659	2	027	
974	9.465 290	25	9.484 634	27	0.515 366	9.980 657	3	026	
975	9.465 315	25	9.484 661	27	0.515 339	9.980 654	2	025	
976	9.465 340	25	9.484 688	27	0.515 312	9.980 652	2	024	
977	9.465 365	25	9.484 715	27	0.515 285	9.980 650	3	023	
978	9.465 390	24	9.484 742	27	0.515 258	9.980 647	2	022	
979	9.465 414	25	9.484 769	28	0.515 231	9.980 645	2	021	
.980	9.465 439	25	9.484 797	27	0.515 203	9.980 643	3	**.020**	
981	9.465 464	25	9.484 824	27	0.515 176	9.980 640	2	019	
982	9.465 489	25	9.484 851	27	0.515 149	9.980 638	2	018	
983	9.465 514	24	9.484 878	27	0.515 122	9.980 636	3	017	
984	9.465 538	25	9.484 905	27	0.515 095	9.980 633	2	016	
985	9.465 563	25	9.484 932	27	0.515 068	9.980 631	2	015	
986	9.465 588	25	9.484 959	27	0.515 041	9.980 629	3	014	
987	9.465 613	25	9.484 986	28	0.515 014	9.980 626	2	013	
988	9.465 638	25	9.485 014	27	0.514 986	9.980 624	2	012	
989	9.465 663	24	9.485 041	27	0.514 959	9.980 622	3	011	
.990	9.465 687	25	9.485 068	27	0.514 932	9.980 619	2	**.010**	
991	9.465 712	25	9.485 095	27	0.514 905	9.980 617	2	009	
992	9.465 737	25	9.485 122	27	0.514 878	9.980 615	2	008	
993	9.465 762	25	9.485 149	27	0.514 851	9.980 613	3	007	
994	9.465 787	24	9.485 176	27	0.514 824	9.980 610	2	006	
995	9.465 811	25	9.485 203	28	0.514 797	9.980 608	2	005	
996	9.465 836	25	9.485 231	27	0.514 769	9.980 606	3	004	
997	9.465 861	25	9.485 258	27	0.514 742	9.980 603	2	003	
998	9.465 886	25	9.485 285	27	0.514 715	9.980 601	2	002	
999	9.465 911	24	9.485 312	27	0.514 688	9.980 599	3	001	
*000	9.465 935		9.485 339		0.514 661	9.980 596		**.000**	
	cos	d	cotg	d	tang	sin	d	**73°**	P.P.

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7	16.8
8	19.2
9	21.6

73°.050 — 73°.000

17°.000 — 17°.050

17°	sin	d	tang	d	cotg	cos	d		P.P.
.000	9.465 935	25	9.485 339	27	0.514 661	9.980 596	2	***000**	
001	9.465 960	25	9.485 366	27	0.514 634	9.980 594	2	999	
002	9.465 985	25	9.485 393	27	0.514 607	9.980 592	3	998	
003	9.466 010	24	9.485 420	27	0.514 580	9.980 589	2	997	
004	9.466 034	25	9.485 447	28	0.514 553	9.980 587	2	996	
005	9.466 059	25	9.485 475	27	0.514 525	9.980 585	3	995	
006	9.466 084	25	9.485 502	27	0.514 498	9.980 582	2	994	
007	9.466 109	25	9.485 529	27	0.514 471	9.980 580	2	993	
008	9.466 134	24	9.485 556	27	0.514 444	9.980 578	3	992	
009	9.466 158	25	9.485 583	27	0.514 417	9.980 575	2	991	
.010	9.466 183	25	9.485 610	27	0.514 390	9.980 573	2	**.990**	
011	9.466 208	25	9.485 637	27	0.514 363	9.980 571	3	989	
012	9.466 233	25	9.485 664	27	0.514 336	9.980 568	2	988	
013	9.466 258	24	9.485 691	27	0.514 309	9.980 566	2	987	
014	9.466 282	25	9.485 718	28	0.514 282	9.980 564	2	986	
015	9.466 307	25	9.485 746	27	0.514 254	9.980 562	3	985	
016	9.466 332	25	9.485 773	27	0.514 227	9.980 559	2	984	
017	9.466 357	24	9.485 800	27	0.514 200	9.980 557	2	983	
018	9.466 381	25	9.485 827	27	0.514 173	9.980 555	3	982	
019	9.466 406	25	9.485 854	27	0.514 146	9.980 552	2	981	
.020	9.466 431	25	9.485 881	27	0.514 119	9.980 550	2	**.980**	
021	9.466 456	24	9.485 908	27	0.514 092	9.980 548	3	979	
022	9.466 480	25	9.485 935	27	0.514 065	9.980 545	2	978	
023	9.466 505	25	9.485 962	27	0.514 038	9.980 543	2	977	
024	9.466 530	25	9.485 989	27	0.514 011	9.980 541	3	976	
025	9.466 555	24	9.486 016	27	0.513 984	9.980 538	2	975	
026	9.466 579	25	9.486 043	27	0.513 957	9.980 536	2	974	
027	9.466 604	25	9.486 070	28	0.513 930	9.980 534	3	973	
028	9.466 629	25	9.486 098	27	0.513 902	9.980 531	2	972	
029	9.466 654	24	9.486 125	27	0.513 875	9.980 529	2	971	
.030	9.466 678	25	9.486 152	27	0.513 848	9.980 527	3	**.970**	
031	9.466 703	25	9.486 179	27	0.513 821	9.980 524	2	969	
032	9.466 728	25	9.486 206	27	0.513 794	9.980 522	2	968	
033	9.466 753	24	9.486 233	27	0.513 767	9.980 520	3	967	
034	9.466 777	25	9.486 260	27	0.513 740	9.980 517	2	966	
035	9.466 802	25	9.486 287	27	0.513 713	9.980 515	2	965	
036	9.466 827	25	9.486 314	27	0.513 686	9.980 513	3	964	
037	9.466 852	24	9.486 341	27	0.513 659	9.980 510	2	963	
038	9.466 876	25	9.486 368	27	0.513 632	9.980 508	2	962	
039	9.466 901	25	9.486 395	27	0.513 605	9.980 506	2	961	
.040	9.466 926	25	9.486 422	27	0.513 578	9.980 504	3	**.960**	
041	9.466 951	24	9.486 449	27	0.513 551	9.980 501	2	959	
042	9.466 975	25	9.486 476	27	0.513 524	9.980 499	2	958	
043	9.467 000	25	9.486 503	28	0.513 497	9.980 497	3	957	
044	9.467 025	24	9.486 531	27	0.513 469	9.980 494	2	956	
045	9.467 049	25	9.486 558	27	0.513 442	9.980 492	2	955	
046	9.467 074	25	9.486 585	27	0.513 415	9.980 490	3	954	
047	9.467 099	25	9.486 612	27	0.513 388	9.980 487	2	953	
048	9.467 124	24	9.486 639	27	0.513 361	9.980 485	2	952	
049	9.467 148	25	9.486 666	27	0.513 334	9.980 483	3	951	
.050	9.467 173		9.486 693		0.513 307	9.980 480		**.950**	
	cos	d	cotg	d	tang	sin	d	**72°**	P.P.

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9	22.5

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9	21.6

73°.000 — 72°.950

17°.050 — 17°.100

17°	sin	d	tang	d	cotg	cos	d		P.P.
.050	9.467 173	25	9.486 693	27	0.513 307	9.980 480	2	**.950**	
051	9.467 198	24	9.486 720	27	0.513 280	9.980 478	2	949	
052	9.467 222	25	9.486 747	27	0.513 253	9.980 476	3	948	
053	9.467 247	25	9.486 774	27	0.513 226	9.980 473	2	947	
054	9.467 272	25	9.486 801	27	0.513 199	9.980 471	2	946	
055	9.467 297	24	9.486 828	27	0.513 172	9.980 469	3	945	
056	9.467 321	25	9.486 855	27	0.513 145	9.980 466	2	944	
057	9.467 346	25	9.486 882	27	0.513 118	9.980 464	2	943	
058	9.467 371	24	9.486 909	27	0.513 091	9.980 462	3	942	
059	9.467 395	25	9.486 936	27	0.513 064	9.980 459	2	941	
.060	9.467 420	25	9.486 963	27	0.513 037	9.980 457	2	**.940**	
061	9.467 445	25	9.486 990	27	0.513 010	9.980 455	3	939	
062	9.467 470	24	9.487 017	27	0.512 983	9.980 452	2	938	
063	9.467 494	25	9.487 044	27	0.512 956	9.980 450	2	937	
064	9.467 519	25	9.487 071	27	0.512 929	9.980 448	3	936	
065	9.467 544	24	9.487 098	27	0.512 902	9.980 445	2	935	
066	9.467 568	25	9.487 125	27	0.512 875	9.980 443	2	934	
067	9.467 593	25	9.487 152	27	0.512 848	9.980 441	3	933	
068	9.467 618	24	9.487 179	27	0.512 821	9.980 438	2	932	
069	9.467 642	25	9.487 206	27	0.512 794	9.980 436	2	931	
.070	9.467 667	25	9.487 233	27	0.512 767	9.980 434	3	**.930**	
071	9.467 692	24	9.487 260	27	0.512 740	9.980 431	2	929	
072	9.467 716	25	9.487 287	27	0.512 713	9.980 429	2	928	
073	9.467 741	25	9.487 314	27	0.512 686	9.980 427	3	927	
074	9.467 766	24	9.487 341	27	0.512 659	9.980 424	2	926	
075	9.467 790	25	9.487 368	27	0.512 632	9.980 422	2	925	
076	9.467 815	25	9.487 395	27	0.512 605	9.980 420	3	924	
077	9.467 840	24	9.487 422	27	0.512 578	9.980 417	2	923	
078	9.467 864	25	9.487 449	27	0.512 551	9.980 415	2	922	
079	9.467 889	25	9.487 476	27	0.512 524	9.980 413	3	921	
.080	9.467 914	24	9.487 503	27	0.512 497	9.980 410	2	**.920**	
081	9.467 938	25	9.487 530	27	0.512 470	9.980 408	2	919	
082	9.467 963	25	9.487 557	27	0.512 443	9.980 406	3	918	
083	9.467 988	24	9.487 584	27	0.512 416	9.980 403	2	917	
084	9.468 012	25	9.487 611	27	0.512 389	9.980 401	2	916	
085	9.468 037	25	9.487 638	27	0.512 362	9.980 399	3	915	
086	9.468 062	24	9.487 665	27	0.512 335	9.980 396	2	914	
087	9.468 086	25	9.487 692	27	0.512 308	9.980 394	2	913	
088	9.468 111	25	9.487 719	27	0.512 281	9.980 392	3	912	
089	9.468 136	24	9.487 746	27	0.512 254	9.980 389	2	911	
.090	9.468 160	25	9.487 773	27	0.512 227	9.980 387	2	**.910**	
091	9.468 185	25	9.487 800	27	0.512 200	9.980 385	2	909	
092	9.468 210	24	9.487 827	27	0.512 173	9.980 383	3	908	
093	9.468 234	25	9.487 854	27	0.512 146	9.980 380	2	907	
094	9.468 259	25	9.487 881	27	0.512 119	9.980 378	2	906	
095	9.468 284	24	9.487 908	27	0.512 092	9.980 376	3	905	
096	9.468 308	25	9.487 935	27	0.512 065	9.980 373	2	904	
097	9.468 333	25	9.487 962	27	0.512 038	9.980 371	2	903	
098	9.468 358	24	9.487 989	27	0.512 011	9.980 369	3	902	
099	9.468 382	25	9.488 016	27	0.511 984	9.980 366	2	901	
.100	9.468 407		9.488 043		0.511 957	9.980 364		**.900**	
	cos	d	cotg	d	tang	sin	d	**72°**	P.P.

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5	12.5
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7	17.5
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9	22.5

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4	9.6
5	12.0
6	14.4
7	16.8
8	19.2
9	21.6

72°.950 — 72°.900

17°.100 — 17°.150

17°	sin	d	tang	d	cotg	cos	d		P.P.
.100	9.468 407		9.488 043		0.511 957	9.980 364		.900	
		25		27			2		
101	9.468 432		9.488 070		0.511 930	9.980 362		899	
		24		27			3		
102	9.468 456		9.488 097		0.511 903	9.980 359		898	
		25		27			2		
103	9.468 481		9.488 124		0.511 876	9.980 357		897	
		24		27			2		
104	9.468 505		9.488 151		0.511 849	9.980 355		896	
		25		27			3		
105	9.468 530		9.488 178		0.511 822	9.980 352		895	
		25		27			2		
106	9.468 555		9.488 205		0.511 795	9.980 350		894	
		24		27			2		
107	9.468 579		9.488 232		0.511 768	9.980 348		893	
		25		27			3		
108	9.468 604		9.488 259		0.511 741	9.980 345		892	
		25		27			2		
109	9.468 629		9.488 286		0.511 714	9.980 343		891	
		24		27			2		
.110	9.468 653		9.488 313		0.511 687	9.980 341		.890	
		25		27			3		
111	9.468 678		9.488 340		0.511 660	9.980 338		889	
		24		27			2		
112	9.468 702		9.488 367		0.511 633	9.980 336		888	
		25		27			2		
113	9.468 727		9.488 394		0.511 606	9.980 334		887	
		25		26			3		
114	9.468 752		9.488 420		0.511 580	9.980 331		886	
		24		27			2		
115	9.468 776		9.488 447		0.511 553	9.980 329		885	
		25		27			2		
116	9.468 801		9.488 474		0.511 526	9.980 327		884	
		25		27			3		
117	9.468 826		9.488 501		0.511 499	9.980 324		883	
		24		27			2		
118	9.468 850		9.488 528		0.511 472	9.980 322		882	
		25		27			2		
119	9.468 875		9.488 555		0.511 445	9.980 320		881	
		24		27			3		
.120	9.468 899		9.488 582		0.511 418	9.980 317		.880	
		25		27			2		
121	9.468 924		9.488 609		0.511 391	9.980 315		879	
		25		27			2		
122	9.468 949		9.488 636		0.511 364	9.980 313		878	
		24		27			3		
123	9.468 973		9.488 663		0.511 337	9.980 310		877	
		25		27			2		
124	9.468 998		9.488 690		0.511 310	9.980 308		876	
		24		27			2		
125	9.469 022		9.488 717		0.511 283	9.980 306		875	
		25		27			3		
126	9.469 047		9.488 744		0.511 256	9.980 303		874	
		25		27			2		
127	9.469 072		9.488 771		0.511 229	9.980 301		873	
		24		27			2		
128	9.469 096		9.488 798		0.511 202	9.980 299		872	
		25		27			3		
129	9.469 121		9.488 825		0.511 175	9.980 296		871	
		24		27			2		
.130	9.469 145		9.488 852		0.511 148	9.980 294		.870	
		25		26			3		
131	9.469 170		9.488 878		0.511 122	9.980 291		869	
		25		27			2		
132	9.469 195		9.488 905		0.511 095	9.980 289		868	
		24		27			2		
133	9.469 219		9.488 932		0.511 068	9.980 287		867	
		25		27			3		
134	9.469 244		9.488 959		0.511 041	9.980 284		866	
		24		27			2		
135	9.469 268		9.488 986		0.511 014	9.980 282		865	
		25		27			2		
136	9.469 293		9.489 013		0.510 987	9.980 280		864	
		24		27			3		
137	9.469 317		9.489 040		0.510 960	9.980 277		863	
		25		27			2		
138	9.469 342		9.489 067		0.510 933	9.980 275		862	
		25		27			2		
139	9.469 367		9.489 094		0.510 906	9.980 273		861	
		24		27			3		
.140	9.469 391		9.489 121		0.510 879	9.980 270		.860	
		25		27			2		
141	9.469 416		9.489 148		0.510 852	9.980 268		859	
		24		27			2		
142	9.469 440		9.489 175		0.510 825	9.980 266		858	
		25		27			3		
143	9.469 465		9.489 202		0.510 798	9.980 263		857	
		25		26			2		
144	9.469 490		9.489 228		0.510 772	9.980 261		856	
		24		27			2		
145	9.469 514		9.489 255		0.510 745	9.980 259		855	
		25		27			3		
146	9.469 539		9.489 282		0.510 718	9.980 256		854	
		24		27			2		
147	9.469 563		9.489 309		0.510 691	9.980 254		853	
		25		27			2		
148	9.469 588		9.489 336		0.510 664	9.980 252		852	
		24		27			3		
149	9.469 612		9.489 363		0.510 637	9.980 249		851	
		25		27			2		
.150	9.469 637		9.489 390		0.510 610	9.980 247		.850	
	cos	d	cotg	d	tang	sin	d	72°	P.P.

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9	22.5

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9	21.6

72°.900 — 72°.850

17°.150 — 17°.200

17°	sin	d	tang	d	cotg	cos	d		P.P.
.150	9.469 637	24	9.489 390	27	0.510 610	9.980 247	2	.850	
151	9.469 661	25	9.489 417	27	0.510 583	9.980 245	3	849	
152	9.469 686	25	9.489 444	27	0.510 556	9.980 242	2	848	
153	9.469 711	24	9.489 471	26	0.510 529	9.980 240	2	847	
154	9.469 735	25	9.489 497	27	0.510 503	9.980 238	3	846	
155	9.469 760	24	9.489 524	27	0.510 476	9.980 235	2	845	
156	9.469 784	25	9.489 551	27	0.510 449	9.980 233	2	844	
157	9.469 809	24	9.489 578	27	0.510 422	9.980 231	3	843	
158	9.469 833	25	9.489 605	27	0.510 395	9.980 228	2	842	
159	9.469 858	24	9.489 632	27	0.510 368	9.980 226	2	841	
.160	9.469 882	25	9.489 659	27	0.510 341	9.980 224	3	.840	
161	9.469 907	25	9.489 686	27	0.510 314	9.980 221	2	839	
162	9.469 932	24	9.489 713	26	0.510 287	9.980 219	2	838	
163	9.469 956	25	9.489 739	27	0.510 261	9.980 217	3	837	
164	9.469 981	24	9.489 766	27	0.510 234	9.980 214	2	836	
165	9.470 005	25	9.489 793	27	0.510 207	9.980 212	2	835	
166	9.470 030	24	9.489 820	27	0.510 180	9.980 210	3	834	
167	9.470 054	25	9.489 847	27	0.510 153	9.980 207	2	833	
168	9.470 079	24	9.489 874	27	0.510 126	9.980 205	2	832	
169	9.470 103	25	9.489 901	27	0.510 099	9.980 203	3	831	
.170	9.470 128	24	9.489 928	26	0.510 072	9.980 200	2	.830	
171	9.470 152	25	9.489 954	27	0.510 046	9.980 198	2	829	
172	9.470 177	24	9.489 981	27	0.510 019	9.980 196	3	828	
173	9.470 201	25	9.490 008	27	0.509 992	9.980 193	2	827	
174	9.470 226	25	9.490 035	27	0.509 965	9.980 191	2	826	
175	9.470 251	24	9.490 062	27	0.509 938	9.980 189	3	825	
176	9.470 275	25	9.490 089	27	0.509 911	9.980 186	2	824	
177	9.470 300	24	9.490 116	27	0.509 884	9.980 184	2	823	
178	9.470 324	25	9.490 143	26	0.509 857	9.980 182	3	822	
179	9.470 349	24	9.490 169	27	0.509 831	9.980 179	2	821	
.180	9.470 373	25	9.490 196	27	0.509 804	9.980 177	3	.820	
181	9.470 398	24	9.490 223	27	0.509 777	9.980 174	2	819	
182	9.470 422	25	9.490 250	27	0.509 750	9.980 172	2	818	
183	9.470 447	24	9.490 277	27	0.509 723	9.980 170	3	817	
184	9.470 471	25	9.490 304	27	0.509 696	9.980 167	2	816	
185	9.470 496	24	9.490 331	26	0.509 669	9.980 165	2	815	
186	9.470 520	25	9.490 357	27	0.509 643	9.980 163	3	814	
187	9.470 545	24	9.490 384	27	0.509 616	9.980 160	2	813	
188	9.470 569	25	9.490 411	27	0.509 589	9.980 158	2	812	
189	9.470 594	24	9.490 438	27	0.509 562	9.980 156	3	811	
.190	9.470 618	25	9.490 465	27	0.509 535	9.980 153	2	.810	
191	9.470 643	24	9.490 492	26	0.509 508	9.980 151	2	809	
192	9.470 667	25	9.490 518	27	0.509 482	9.980 149	3	808	
193	9.470 692	24	9.490 545	27	0.509 455	9.980 146	2	807	
194	9.470 716	25	9.490 572	27	0.509 428	9.980 144	2	806	
195	9.470 741	24	9.490 599	27	0.509 401	9.980 142	3	805	
196	9.470 765	25	9.490 626	27	0.509 374	9.980 139	2	804	
197	9.470 790	24	9.490 653	27	0.509 347	9.980 137	2	803	
198	9.470 814	25	9.490 680	26	0.509 320	9.980 135	3	802	
199	9.470 839	24	9.490 706	27	0.509 294	9.980 132	2	801	
.200	9.470 863		9.490 733		0.509 267	9.980 130		.800	
	cos	d	cotg	d	tang	sin	d	72°	P.P.

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72°.850 — 72°.800

17°.200 — 17°.250

17°	sin	d	tang	d	cotg	cos	d		P.P.
.200	9.470 863	25	9.490 733	27	0.509 267	9.980 130	2	**.800**	
201	9.470 888	24	9.490 760	27	0.509 240	9.980 128	3	799	
202	9.470 912	25	9.490 787	27	0.509 213	9.980 125	2	798	
203	9.470 937	24	9.490 814	27	0.509 186	9.980 123	2	797	
204	9.470 961	25	9.490 841	26	0.509 159	9.980 121	3	796	
205	9.470 986	24	9.490 867	27	0.509 133	9.980 118	2	795	
206	9.471 010	25	9.490 894	27	0.509 106	9.980 116	2	794	
207	9.471 035	24	9.490 921	27	0.509 079	9.980 114	3	793	
208	9.471 059	24	9.490 948	27	0.509 052	9.980 111	2	792	
209	9.471 083	25	9.490 975	26	0.509 025	9.980 109	3	791	
.210	9.471 108	24	9.491 001	27	0.508 999	9.980 106	2	**.790**	
211	9.471 132	25	9.491 028	27	0.508 972	9.980 104	2	789	
212	9.471 157	24	9.491 055	27	0.508 945	9.980 102	3	788	
213	9.471 181	25	9.491 082	27	0.508 918	9.980 099	2	787	
214	9.471 206	24	9.491 109	27	0.508 891	9.980 097	2	786	
215	9.471 230	25	9.491 136	26	0.508 864	9.980 095	3	785	
216	9.471 255	24	9.491 162	27	0.508 838	9.980 092	2	784	
217	9.471 279	25	9.491 189	27	0.508 811	9.980 090	2	783	
218	9.471 304	24	9.491 216	27	0.508 784	9.980 088	3	782	
219	9.471 328	25	9.491 243	27	0.508 757	9.980 085	2	781	
.220	9.471 353	24	9.491 270	26	0.508 730	9.980 083	2	**.780**	
221	9.471 377	24	9.491 296	27	0.508 704	9.980 081	3	779	
222	9.471 401	25	9.491 323	27	0.508 677	9.980 078	2	778	
223	9.471 426	24	9.491 350	27	0.508 650	9.980 076	2	777	
224	9.471 450	25	9.491 377	27	0.508 623	9.980 074	3	776	
225	9.471 475	24	9.491 404	26	0.508 596	9.980 071	2	775	
226	9.471 499	25	9.491 430	27	0.508 570	9.980 069	2	774	
227	9.471 524	24	9.491 457	27	0.508 543	9.980 067	3	773	
228	9.471 548	25	9.491 484	27	0.508 516	9.980 064	2	772	
229	9.471 573	24	9.491 511	27	0.508 489	9.980 062	3	771	
.230	9.471 597	25	9.491 538	26	0.508 462	9.980 059	2	**.770**	
231	9.471 622	24	9.491 564	27	0.508 436	9.980 057	2	769	
232	9.471 646	24	9.491 591	27	0.508 409	9.980 055	3	768	
233	9.471 670	25	9.491 618	27	0.508 382	9.980 052	2	767	
234	9.471 695	24	9.491 645	27	0.508 355	9.980 050	2	766	
235	9.471 719	25	9.491 672	26	0.508 328	9.980 048	3	765	
236	9.471 744	24	9.491 698	27	0.508 302	9.980 045	2	764	
237	9.471 768	25	9.491 725	27	0.508 275	9.980 043	2	763	
238	9.471 793	24	9.491 752	27	0.508 248	9.980 041	3	762	
239	9.471 817	24	9.491 779	26	0.508 221	9.980 038	2	761	
.240	9.471 841	25	9.491 805	27	0.508 195	9.980 036	2	**.760**	
241	9.471 866	24	9.491 832	27	0.508 168	9.980 034	3	759	
242	9.471 890	25	9.491 859	27	0.508 141	9.980 031	2	758	
243	9.471 915	24	9.491 886	27	0.508 114	9.980 029	2	757	
244	9.471 939	25	9.491 913	26	0.508 087	9.980 027	3	756	
245	9.471 964	24	9.491 939	27	0.508 061	9.980 024	2	755	
246	9.471 988	24	9.491 966	27	0.508 034	9.980 022	2	754	
247	9.472 012	25	9.491 993	27	0.508 007	9.980 020	3	753	
248	9.472 037	24	9.492 020	26	0.507 980	9.980 017	2	752	
249	9.472 061	25	9.492 046	27	0.507 954	9.980 015	3	751	
.250	9.472 086		9.492 073		0.507 927	9.980 012		**.750**	
	cos	d	cotg	d	tang	sin	d	**72°**	P.P.

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72°.800 — 72°.750

17°.250 — 17°.300

17°	sin	d	tang	d	cotg	cos	d		P.P.
.250	9.472 086	24	9.492 073	27	0.507 927	9.980 012	2	.750	
251	9.472 110	24	9.492 100	27	0.507 900	9.980 010	2	749	
252	9.472 134	25	9.492 127	26	0.507 873	9.980 008	3	748	
253	9.472 159	24	9.492 153	27	0.507 847	9.980 005	2	747	
254	9.472 183	25	9.492 180	27	0.507 820	9.980 003	2	746	
255	9.472 208	24	9.492 207	27	0.507 793	9.980 001	3	745	
256	9.472 232	24	9.492 234	26	0.507 766	9.979 998	2	744	
257	9.472 256	25	9.492 260	27	0.507 740	9.979 996	2	743	
258	9.472 281	24	9.492 287	27	0.507 713	9.979 994	3	742	
259	9.472 305	25	9.492 314	27	0.507 686	9.979 991	2	741	
.260	9.472 330	24	9.492 341	26	0.507 659	9.979 989	2	.740	
261	9.472 354	24	9.492 367	27	0.507 633	9.979 987	3	739	
262	9.472 378	25	9.492 394	27	0.507 606	9.979 984	2	738	
263	9.472 403	24	9.492 421	27	0.507 579	9.979 982	3	737	
264	9.472 427	25	9.492 448	26	0.507 552	9.979 979	2	736	
265	9.472 452	24	9.492 474	27	0.507 526	9.979 977	2	735	
266	9.472 476	24	9.492 501	27	0.507 499	9.979 975	3	734	
267	9.472 500	25	9.492 528	27	0.507 472	9.979 972	2	733	
268	9.472 525	24	9.492 555	26	0.507 445	9.979 970	2	732	
269	9.472 549	25	9.492 581	27	0.507 419	9.979 968	3	731	
.270	9.472 574	24	9.492 608	27	0.507 392	9.979 965	2	.730	
271	9.472 598	24	9.492 635	27	0.507 365	9.979 963	2	729	
272	9.472 622	25	9.492 662	26	0.507 338	9.979 961	3	728	
273	9.472 647	24	9.492 688	27	0.507 312	9.979 958	2	727	
274	9.472 671	24	9.492 715	27	0.507 285	9.979 956	2	726	
275	9.472 695	25	9.492 742	27	0.507 258	9.979 954	3	725	
276	9.472 720	24	9.492 769	26	0.507 231	9.979 951	2	724	
277	9.472 744	25	9.492 795	27	0.507 205	9.979 949	3	723	
278	9.472 769	24	9.492 822	27	0.507 178	9.979 946	2	722	
279	9.472 793	24	9.492 849	26	0.507 151	9.979 944	2	721	
.280	9.472 817	25	9.492 875	27	0.507 125	9.979 942	3	.720	
281	9.472 842	24	9.492 902	27	0.507 098	9.979 939	2	719	
282	9.472 866	24	9.492 929	27	0.507 071	9.979 937	2	718	
283	9.472 890	25	9.492 956	26	0.507 044	9.979 935	3	717	
284	9.472 915	24	9.492 982	27	0.507 018	9.979 932	2	716	
285	9.472 939	24	9.493 009	27	0.506 991	9.979 930	2	715	
286	9.472 963	25	9.493 036	27	0.506 964	9.979 928	3	714	
287	9.472 988	24	9.493 063	26	0.506 937	9.979 925	2	713	
288	9.473 012	24	9.493 089	27	0.506 911	9.979 923	2	712	
289	9.473 036	25	9.493 116	27	0.506 884	9.979 921	3	711	
.290	9.473 061	24	9.493 143	26	0.506 857	9.979 918	2	.710	
291	9.473 085	25	9.493 169	27	0.506 831	9.979 916	3	709	
292	9.473 110	24	9.493 196	27	0.506 804	9.979 913	2	708	
293	9.473 134	24	9.493 223	26	0.506 777	9.979 911	2	707	
294	9.473 158	25	9.493 249	27	0.506 751	9.979 909	3	706	
295	9.473 183	24	9.493 276	27	0.506 724	9.979 906	2	705	
296	9.473 207	24	9.493 303	27	0.506 697	9.979 904	2	704	
297	9.473 231	25	9.493 330	26	0.506 670	9.979 902	3	703	
298	9.473 256	24	9.493 356	27	0.506 644	9.979 899	2	702	
299	9.473 280	24	9.493 383	27	0.506 617	9.979 897	2	701	
.300	9.473 304		9.493 410		0.506 590	9.979 895		.700	
	cos	d	cotg	d	tang	sin	d	72°	P.P.

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4	10.8
5	13.5
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3	7.8
4	10.4
5	13.0
6	15.6
7	18.2
8	20.8
9	23.4

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1	2.5
2	5.0
3	7.5
4	10.0
5	12.5
6	15.0
7	17.5
8	20.0
9	22.5

	24
1	2.4
2	4.8
3	7.2
4	9.6
5	12.0
6	14.4
7	16.8
8	19.2
9	21.6

72°.750 — 72°.700

17°.300 — 17°.350

17°	sin	d	tang	d	cotg	cos	d		P.P.
.300	9.473 304	25	9.493 410	26	0.506 590	9.979 895	3	.700	
301	9.473 329	24	9.493 436	27	0.506 564	9.979 892	2	699	
302	9.473 353	24	9.493 463	27	0.506 537	9.979 890	3	698	
303	9.473 377	25	9.493 490	26	0.506 510	9.979 887	2	697	
304	9.473 402	24	9.493 516	27	0.506 484	9.979 885	2	696	
305	9.473 426	24	9.493 543	27	0.506 457	9.979 883	3	695	
306	9.473 450	25	9.493 570	27	0.506 430	9.979 880	2	694	
307	9.473 475	24	9.493 597	26	0.506 403	9.979 878	2	693	
308	9.473 499	24	9.493 623	27	0.506 377	9.979 876	3	692	
309	9.473 523	25	9.493 650	27	0.506 350	9.979 873	2	691	
.310	9.473 548	24	9.493 677	26	0.506 323	9.979 871	2	.690	
311	9.473 572	24	9.493 703	27	0.506 297	9.979 869	3	689	
312	9.473 596	25	9.493 730	27	0.506 270	9.979 866	2	688	
313	9.473 621	24	9.493 757	26	0.506 243	9.979 864	2	687	
314	9.473 645	24	9.493 783	27	0.506 217	9.979 862	3	686	
315	9.473 669	24	9.493 810	27	0.506 190	9.979 859	2	685	
316	9.473 693	25	9.493 837	26	0.506 163	9.979 857	3	684	
317	9.473 718	24	9.493 863	27	0.506 137	9.979 854	2	683	
318	9.473 742	24	9.493 890	27	0.506 110	9.979 852	2	682	
319	9.473 766	25	9.493 917	26	0.506 083	9.979 850	3	681	
.320	9.473 791	24	9.493 943	27	0.506 057	9.979 847	2	.680	
321	9.473 815	24	9.493 970	27	0.506 030	9.979 845	2	679	
322	9.473 839	25	9.493 997	26	0.506 003	9.979 843	3	678	
323	9.473 864	24	9.494 023	27	0.505 977	9.979 840	2	677	
324	9.473 888	24	9.494 050	27	0.505 950	9.979 838	2	676	
325	9.473 912	25	9.494 077	26	0.505 923	9.979 836	3	675	
326	9.473 937	24	9.494 103	27	0.505 897	9.979 833	2	674	
327	9.473 961	24	9.494 130	27	0.505 870	9.979 831	3	673	
328	9.473 985	24	9.494 157	26	0.505 843	9.979 828	2	672	
329	9.474 009	25	9.494 183	27	0.505 817	9.979 826	2	671	
.330	9.474 034	24	9.494 210	27	0.505 790	9.979 824	3	.670	
331	9.474 058	24	9.494 237	26	0.505 763	9.979 821	2	669	
332	9.474 082	25	9.494 263	27	0.505 737	9.979 819	2	668	
333	9.474 107	24	9.494 290	27	0.505 710	9.979 817	3	667	
334	9.474 131	24	9.494 317	26	0.505 683	9.979 814	2	666	
335	9.474 155	24	9.494 343	27	0.505 657	9.979 812	3	665	
336	9.474 179	25	9.494 370	27	0.505 630	9.979 809	2	664	
337	9.474 204	24	9.494 397	26	0.505 603	9.979 807	2	663	
338	9.474 228	24	9.494 423	27	0.505 577	9.979 805	3	662	
339	9.474 252	25	9.494 450	26	0.505 550	9.979 802	2	661	
.340	9.474 277	24	9.494 476	27	0.505 524	9.979 800	2	.660	
341	9.474 301	24	9.494 503	27	0.505 497	9.979 798	3	659	
342	9.474 325	24	9.494 530	26	0.505 470	9.979 795	2	658	
343	9.474 349	25	9.494 556	27	0.505 444	9.979 793	2	657	
344	9.474 374	24	9.494 583	27	0.505 417	9.979 791	3	656	
345	9.474 398	24	9.494 610	26	0.505 390	9.979 788	2	655	
346	9.474 422	24	9.494 636	27	0.505 364	9.979 786	3	654	
347	9.474 446	25	9.494 663	27	0.505 337	9.979 783	2	653	
348	9.474 471	24	9.494 690	26	0.505 310	9.979 781	2	652	
349	9.474 495	24	9.494 716	27	0.505 284	9.979 779	3	651	
.350	9.474 519		9.494 743		0.505 257	9.979 776		.650	
	cos	d	cotg	d	tang	sin	d	72°	P.P.

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5	12.5
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7	17.5
8	20.0
9	22.5

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3	7.2
4	9.6
5	12.0
6	14.4
7	16.8
8	19.2
9	21.6

72°.700 — 72°.650

17°.350 — 17°.400

17°	sin	d	tang	d	cotg	cos	d		P.P.
.350	9.474 519	24	9.494 743	26	0.505 257	9.979 776	2	**.650**	
351	9.474 543	25	9.494 769	27	0.505 231	9.979 774	2	649	
352	9.474 568	24	9.494 796	27	0.505 204	9.979 772	3	648	
353	9.474 592	24	9.494 823	26	0.505 177	9.979 769	2	647	
354	9.474 616	25	9.494 849	27	0.505 151	9.979 767	2	646	
355	9.474 641	24	9.494 876	27	0.505 124	9.979 765	3	645	
356	9.474 665	24	9.494 903	26	0.505 097	9.979 762	2	644	
357	9.474 689	24	9.494 929	27	0.505 071	9.979 760	3	643	
358	9.474 713	25	9.494 956	26	0.505 044	9.979 757	2	642	
359	9.474 738	24	9.494 982	27	0.505 018	9.979 755	2	641	
.360	9.474 762	24	9.495 009	27	0.504 991	9.979 753	3	**.640**	
361	9.474 786	24	9.495 036	26	0.504 964	9.979 750	2	639	
362	9.474 810	24	9.495 062	27	0.504 938	9.979 748	2	638	
363	9.474 834	25	9.495 089	27	0.504 911	9.979 746	3	637	
364	9.474 859	24	9.495 116	26	0.504 884	9.979 743	2	636	
365	9.474 883	24	9.495 142	27	0.504 858	9.979 741	3	635	
366	9.474 907	24	9.495 169	26	0.504 831	9.979 738	2	634	
367	9.474 931	25	9.495 195	27	0.504 805	9.979 736	2	633	
368	9.474 956	24	9.495 222	27	0.504 778	9.979 734	3	632	
369	9.474 980	24	9.495 249	26	0.504 751	9.979 731	2	631	
.370	9.475 004	24	9.495 275	27	0.504 725	9.979 729	2	**.630**	
371	9.475 028	25	9.495 302	26	0.504 698	9.979 727	3	629	
372	9.475 053	24	9.495 328	27	0.504 672	9.979 724	2	628	
373	9.475 077	24	9.495 355	27	0.504 645	9.979 722	3	627	
374	9.475 101	24	9.495 382	26	0.504 618	9.979 719	2	626	
375	9.475 125	25	9.495 408	27	0.504 592	9.979 717	2	625	
376	9.475 150	24	9.495 435	26	0.504 565	9.979 715	3	624	
377	9.475 174	24	9.495 461	27	0.504 539	9.979 712	2	623	
378	9.475 198	24	9.495 488	27	0.504 512	9.979 710	2	622	
379	9.475 222	24	9.495 515	26	0.504 485	9.979 708	3	621	
.380	9.475 246	25	9.495 541	27	0.504 459	9.979 705	2	**.620**	
381	9.475 271	24	9.495 568	26	0.504 432	9.979 703	2	619	
382	9.475 295	24	9.495 594	27	0.504 406	9.979 701	3	618	
383	9.475 319	24	9.495 621	26	0.504 379	9.979 698	2	617	
384	9.475 343	24	9.495 647	27	0.504 353	9.979 696	3	616	
385	9.475 367	25	9.495 674	27	0.504 326	9.979 693	2	615	
386	9.475 392	24	9.495 701	26	0.504 299	9.979 691	2	614	
387	9.475 416	24	9.495 727	27	0.504 273	9.979 689	3	613	
388	9.475 440	24	9.495 754	26	0.504 246	9.979 686	2	612	
389	9.475 464	24	9.495 780	27	0.504 220	9.979 684	2	611	
.390	9.475 488	25	9.495 807	27	0.504 193	9.979 682	3	**.610**	
391	9.475 513	24	9.495 834	26	0.504 166	9.979 679	2	609	
392	9.475 537	24	9.495 860	27	0.504 140	9.979 677	3	608	
393	9.475 561	24	9.495 887	26	0.504 113	9.979 674	2	607	
394	9.475 585	24	9.495 913	27	0.504 087	9.979 672	2	606	
395	9.475 609	25	9.495 940	26	0.504 060	9.979 670	3	605	
396	9.475 634	24	9.495 966	27	0.504 034	9.979 667	2	604	
397	9.475 658	24	9.495 993	27	0.504 007	9.979 665	2	603	
398	9.475 682	24	9.496 020	26	0.503 980	9.979 663	3	602	
399	9.475 706	24	9.496 046	27	0.503 954	9.979 660	2	601	
.400	9.475 730		9.496 073		0.503 927	9.979 658		**.600**	
	cos	d	cotg	d	tang	sin	d	72°	P.P.

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7	18.2
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3	7.5
4	10.0
5	12.5
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7	17.5
8	20.0
9	22.5

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3	7.2
4	9.6
5	12.0
6	14.4
7	16.8
8	19.2
9	21.6

72°.650 — 72°.600

17°.400 — 17°.450

17°	sin	d	tang	d	cotg	cos	d		P.P.
.400	9.475 730	25	9.496 073	26	0.503 927	9.979 658	3	**.600**	
401	9.475 755	24	9.496 099	27	0.503 901	9.979 655	2	599	
402	9.475 779	24	9.496 126	26	0.503 874	9.979 653	2	598	
403	9.475 803	24	9.496 152	27	0.503 848	9.979 651	3	597	
404	9.475 827	24	9.496 179	26	0.503 821	9.979 648	2	596	
405	9.475 851	25	9.496 205	27	0.503 795	9.979 646	2	595	
406	9.475 876	24	9.496 232	27	0.503 768	9.979 644	3	594	
407	9.475 900	24	9.496 259	26	0.503 741	9.979 641	2	593	
408	9.475 924	24	9.496 285	27	0.503 715	9.979 639	3	592	
409	9.475 948	24	9.496 312	26	0.503 688	9.979 636	2	591	
.410	9.475 972	24	9.496 338	27	0.503 662	9.979 634	2	**.590**	
411	9.475 996	25	9.496 365	26	0.503 635	9.979 632	3	589	
412	9.476 021	24	9.496 391	27	0.503 609	9.979 629	2	588	
413	9.476 045	24	9.496 418	26	0.503 582	9.979 627	3	587	
414	9.476 069	24	9.496 444	27	0.503 556	9.979 624	2	586	
415	9.476 093	24	9.496 471	27	0.503 529	9.979 622	2	585	
416	9.476 117	24	9.496 498	26	0.503 502	9.979 620	3	584	
417	9.476 141	25	9.496 524	27	0.503 476	9.979 617	2	583	
418	9.476 166	24	9.496 551	26	0.503 449	9.979 615	2	582	
419	9.476 190	24	9.496 577	27	0.503 423	9.979 613	3	581	
.420	9.476 214	24	9.496 604	26	0.503 396	9.979 610	2	**.580**	
421	9.476 238	24	9.496 630	27	0.503 370	9.979 608	3	579	
422	9.476 262	24	9.496 657	26	0.503 343	9.979 605	2	578	
423	9.476 286	25	9.496 683	27	0.503 317	9.979 603	2	577	
424	9.476 311	24	9.496 710	26	0.503 290	9.979 601	3	576	
425	9.476 335	24	9.496 736	27	0.503 264	9.979 598	2	575	
426	9.476 359	24	9.496 763	26	0.503 237	9.979 596	2	574	
427	9.476 383	24	9.496 789	27	0.503 211	9.979 594	3	573	
428	9.476 407	24	9.496 816	26	0.503 184	9.979 591	2	572	
429	9.476 431	24	9.496 842	27	0.503 158	9.979 589	3	571	
.430	9.476 455	25	9.496 869	26	0.503 131	9.979 586	2	**.570**	
431	9.476 480	24	9.496 895	27	0.503 105	9.979 584	2	569	
432	9.476 504	24	9.496 922	27	0.503 078	9.979 582	3	568	
433	9.476 528	24	9.496 949	26	0.503 051	9.979 579	2	567	
434	9.476 552	24	9.496 975	27	0.503 025	9.979 577	2	566	
435	9.476 576	24	9.497 002	26	0.502 998	9.979 575	3	565	
436	9.476 600	24	9.497 028	27	0.502 972	9.979 572	2	564	
437	9.476 624	24	9.497 055	26	0.502 945	9.979 570	3	563	
438	9.476 648	25	9.497 081	27	0.502 919	9.979 567	2	562	
439	9.476 673	24	9.497 108	26	0.502 892	9.979 565	2	561	
.440	9.476 697	24	9.497 134	27	0.502 866	9.979 563	3	**.560**	
441	9.476 721	24	9.497 161	26	0.502 839	9.979 560	2	559	
442	9.476 745	24	9.497 187	27	0.502 813	9.979 558	3	558	
443	9.476 769	24	9.497 214	26	0.502 786	9.979 555	2	557	
444	9.476 793	24	9.497 240	27	0.502 760	9.979 553	2	556	
445	9.476 817	24	9.497 267	26	0.502 733	9.979 551	3	555	
446	9.476 841	25	9.497 293	27	0.502 707	9.979 548	2	554	
447	9.476 866	24	9.497 320	26	0.502 680	9.979 546	2	553	
448	9.476 890	24	9.497 346	27	0.502 654	9.979 544	3	552	
449	9.476 914	24	9.497 373	26	0.502 627	9.979 541	2	551	
.450	9.476 938		9.497 399		0.502 601	9.979 539		**.550**	
	cos	d	cotg	d	tang	sin	d	**72°**	P.P.

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5	12.5
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7	17.5
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5	12.0
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72°.600 — 72°.550

17°.450 — 17°.500

17°	sin	d	tang	d	cotg	cos	d		P.P.
.450	9.476 938	24	9.497 399	27	0.502 601	9.979 539	3	**.550**	
451	9.476 962	24	9.497 426	26	0.502 574	9.979 536	2	549	
452	9.476 986	24	9.497 452	27	0.502 548	9.979 534	2	548	
453	9.477 010	24	9.497 479	26	0.502 521	9.979 532	3	547	
454	9.477 034	25	9.497 505	27	0.502 495	9.979 529	2	546	
455	9.477 059	24	9.497 532	26	0.502 468	9.979 527	2	545	
456	9.477 083	24	9.497 558	27	0.502 442	9.979 525	3	544	
457	9.477 107	24	9.497 585	26	0.502 415	9.979 522	2	543	
458	9.477 131	24	9.497 611	27	0.502 389	9.979 520	3	542	
459	9.477 155	24	9.497 638	26	0.502 362	9.979 517	2	541	
.460	9.477 179	24	9.497 664	27	0.502 336	9.979 515	2	**.540**	
461	9.477 203	24	9.497 691	26	0.502 309	9.979 513	3	539	
462	9.477 227	24	9.497 717	26	0.502 283	9.979 510	2	538	
463	9.477 251	24	9.497 743	27	0.502 257	9.979 508	3	537	
464	9.477 275	24	9.497 770	26	0.502 230	9.979 505	2	536	
465	9.477 299	25	9.497 796	27	0.502 204	9.979 503	2	535	
466	9.477 324	24	9.497 823	26	0.502 177	9.979 501	3	534	
467	9.477 348	24	9.497 849	27	0.502 151	9.979 498	2	533	
468	9.477 372	24	9.497 876	26	0.502 124	9.979 496	2	532	
469	9.477 396	24	9.497 902	27	0.502 098	9.979 494	3	531	
.470	9.477 420	24	9.497 929	26	0.502 071	9.979 491	2	**.530**	
471	9.477 444	24	9.497 955	27	0.502 045	9.979 489	3	529	
472	9.477 468	24	9.497 982	26	0.502 018	9.979 486	2	528	
473	9.477 492	24	9.498 008	27	0.501 992	9.979 484	2	527	
474	9.477 516	24	9.498 035	26	0.501 965	9.979 482	3	526	
475	9.477 540	24	9.498 061	27	0.501 939	9.979 479	2	525	
476	9.477 564	24	9.498 088	26	0.501 912	9.979 477	3	524	
477	9.477 588	25	9.498 114	27	0.501 886	9.979 474	2	523	
478	9.477 613	24	9.498 141	26	0.501 859	9.979 472	2	522	
479	9.477 637	24	9.498 167	26	0.501 833	9.979 470	3	521	
.480	9.477 661	24	9.498 193	27	0.501 807	9.979 467	2	**.520**	
481	9.477 685	24	9.498 220	26	0.501 780	9.979 465	3	519	
482	9.477 709	24	9.498 246	27	0.501 754	9.979 462	2	518	
483	9.477 733	24	9.498 273	26	0.501 727	9.979 460	2	517	
484	9.477 757	24	9.498 299	27	0.501 701	9.979 458	3	516	
485	9.477 781	24	9.498 326	26	0.501 674	9.979 455	2	515	
486	9.477 805	24	9.498 352	27	0.501 648	9.979 453	2	514	
487	9.477 829	24	9.498 379	26	0.501 621	9.979 451	3	513	
488	9.477 853	24	9.498 405	26	0.501 595	9.979 448	2	512	
489	9.477 877	24	9.498 431	27	0.501 569	9.979 446	3	511	
.490	9.477 901	24	9.498 458	26	0.501 542	9.979 443	2	**.510**	
491	9.477 925	24	9.498 484	27	0.501 516	9.979 441	2	509	
492	9.477 949	24	9.498 511	26	0.501 489	9.979 439	3	508	
493	9.477 973	25	9.498 537	27	0.501 463	9.979 436	2	507	
494	9.477 998	24	9.498 564	26	0.501 436	9.979 434	3	506	
495	9.478 022	24	9.498 590	27	0.501 410	9.979 431	2	505	
496	9.478 046	24	9.498 617	26	0.501 383	9.979 429	2	504	
497	9.478 070	24	9.498 643	26	0.501 357	9.979 427	3	503	
498	9.478 094	24	9.498 669	27	0.501 331	9.979 424	2	502	
499	9.478 118	24	9.498 696	26	0.501 304	9.979 422	2	501	
.500	9.478 142		9.498 722		0.501 278	9.979 420		**.500**	
	cos	d	cotg	d	tang	sin	d	72°	P.P.

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6	14.4
7	16.8
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9	21.6

72°.550 — 72°.500

17°.500 — 17°.550

17°	sin	d	tang	d	cotg	cos	d		P.P.
.500	9.478 142	24	9.498 722	27	0.501 278	9.979 420	3	.500	
501	9.478 166	24	9.498 749	26	0.501 251	9.979 417	2	499	
502	9.478 190	24	9.498 775	27	0.501 225	9.979 415	3	498	
503	9.478 214	24	9.498 802	26	0.501 198	9.979 412	2	497	
504	9.478 238	24	9.498 828	26	0.501 172	9.979 410	2	496	
505	9.478 262	24	9.498 854	27	0.501 146	9.979 408	3	495	
506	9.478 286	24	9.498 881	26	0.501 119	9.979 405	2	494	
507	9.478 310	24	9.498 907	27	0.501 093	9.979 403	3	493	
508	9.478 334	24	9.498 934	26	0.501 066	9.979 400	2	492	
509	9.478 358	24	9.498 960	27	0.501 040	9.979 398	2	491	
.510	9.478 382	24	9.498 987	26	0.501 013	9.979 396	3	.490	
511	9.478 406	24	9.499 013	26	0.500 987	9.979 393	2	489	
512	9.478 430	24	9.499 039	27	0.500 961	9.979 391	3	488	
513	9.478 454	24	9.499 066	26	0.500 934	9.979 388	2	487	
514	9.478 478	24	9.499 092	27	0.500 908	9.979 386	2	486	
515	9.478 502	24	9.499 119	26	0.500 881	9.979 384	3	485	
516	9.478 526	24	9.499 145	26	0.500 855	9.979 381	2	484	
517	9.478 550	24	9.499 171	27	0.500 829	9.979 379	3	483	
518	9.478 574	24	9.499 198	26	0.500 802	9.979 376	2	482	
519	9.478 598	24	9.499 224	27	0.500 776	9.979 374	2	481	
.520	9.478 622	24	9.499 251	26	0.500 749	9.979 372	3	.480	
521	9.478 646	24	9.499 277	26	0.500 723	9.979 369	2	479	
522	9.478 670	24	9.499 303	27	0.500 697	9.979 367	3	478	
523	9.478 694	24	9.499 330	26	0.500 670	9.979 364	2	477	
524	9.478 718	24	9.499 356	27	0.500 644	9.979 362	2	476	
525	9.478 742	24	9.499 383	26	0.500 617	9.979 360	3	475	
526	9.478 766	24	9.499 409	26	0.500 591	9.979 357	2	474	
527	9.478 790	24	9.499 435	27	0.500 565	9.979 355	2	473	
528	9.478 814	24	9.499 462	26	0.500 538	9.979 353	3	472	
529	9.478 838	24	9.499 488	27	0.500 512	9.979 350	2	471	
.530	9.478 862	24	9.499 515	26	0.500 485	9.979 348	3	.470	
531	9.478 886	24	9.499 541	26	0.500 459	9.979 345	2	469	
532	9.478 910	24	9.499 567	27	0.500 433	9.979 343	2	468	
533	9.478 934	24	9.499 594	26	0.500 406	9.979 341	3	467	
534	9.478 958	24	9.499 620	27	0.500 380	9.979 338	2	466	
535	9.478 982	24	9.499 647	26	0.500 353	9.979 336	3	465	
536	9.479 006	24	9.499 673	26	0.500 327	9.979 333	2	464	
537	9.479 030	24	9.499 699	27	0.500 301	9.979 331	2	463	
538	9.479 054	24	9.499 726	26	0.500 274	9.979 329	3	462	
539	9.479 078	24	9.499 752	26	0.500 248	9.979 326	2	461	
.540	9.479 102	24	9.499 778	27	0.500 222	9.979 324	3	.460	
541	9.479 126	24	9.499 805	26	0.500 195	9.979 321	2	459	
542	9.479 150	24	9.499 831	27	0.500 169	9.979 319	2	458	
543	9.479 174	24	9.499 858	26	0.500 142	9.979 317	3	457	
544	9.479 198	24	9.499 884	26	0.500 116	9.979 314	2	456	
545	9.479 222	24	9.499 910	27	0.500 090	9.979 312	3	455	
546	9.479 246	24	9.499 937	26	0.500 063	9.979 309	2	454	
547	9.479 270	24	9.499 963	26	0.500 037	9.979 307	2	453	
548	9.479 294	24	9.499 989	27	0.500 011	9.979 305	3	452	
549	9.479 318	24	9.500 016	26	0.499 984	9.979 302	2	451	
.550	9.479 342		9.500 042		0.499 958	9.979 300		.450	
	cos	d	cotg	d	tang	sin	d	72°	P.P.

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72°.500 — 72°.450

17°.550 — 17°.600

17°	sin	d	tang	d	cotg	cos	d		P.P.
.550	9.479 342	24	9.500 042	27	0.499 958	9.979 300	3	.450	
551	9.479 366	24	9.500 069	26	0.499 931	9.979 297	2	449	
552	9.479 390	24	9.500 095	26	0.499 905	9.979 295	2	448	
553	9.479 414	24	9.500 121	27	0.499 879	9.979 293	3	447	
554	9.479 438	24	9.500 148	26	0.499 852	9.979 290	2	446	
555	9.479 462	24	9.500 174	26	0.499 826	9.979 288	3	445	
556	9.479 486	24	9.500 200	27	0.499 800	9.979 285	2	444	
557	9.479 510	24	9.500 227	26	0.499 773	9.979 283	2	443	
558	9.479 534	24	9.500 253	26	0.499 747	9.979 281	3	442	
559	9.479 558	24	9.500 279	27	0.499 721	9.979 278	2	441	
.560	9.479 582	24	9.500 306	26	0.499 694	9.979 276	3	.440	
561	9.479 606	23	9.500 332	26	0.499 668	9.979 273	2	439	
562	9.479 629	24	9.500 358	27	0.499 642	9.979 271	2	438	
563	9.479 653	24	9.500 385	26	0.499 615	9.979 269	3	437	
564	9.479 677	24	9.500 411	26	0.499 589	9.979 266	2	436	
565	9.479 701	24	9.500 437	27	0.499 563	9.979 264	3	435	
566	9.479 725	24	9.500 464	26	0.499 536	9.979 261	2	434	
567	9.479 749	24	9.500 490	27	0.499 510	9.979 259	2	433	
568	9.479 773	24	9.500 517	26	0.499 483	9.979 257	3	432	
569	9.479 797	24	9.500 543	26	0.499 457	9.979 254	2	431	
.570	9.479 821	24	9.500 569	27	0.499 431	9.979 252	3	.430	
571	9.479 845	24	9.500 596	26	0.499 404	9.979 249	2	429	
572	9.479 869	24	9.500 622	26	0.499 378	9.979 247	2	428	
573	9.479 893	24	9.500 648	27	0.499 352	9.979 245	3	427	
574	9.479 917	24	9.500 675	26	0.499 325	9.979 242	2	426	
575	9.479 941	24	9.500 701	26	0.499 299	9.979 240	3	425	
576	9.479 965	24	9.500 727	27	0.499 273	9.979 237	2	424	
577	9.479 989	24	9.500 754	26	0.499 246	9.979 235	2	423	
578	9.480 013	23	9.500 780	26	0.499 220	9.979 233	3	422	
579	9.480 036	24	9.500 806	27	0.499 194	9.979 230	2	421	
.580	9.480 060	24	9.500 833	26	0.499 167	9.979 228	3	.420	
581	9.480 084	24	9.500 859	26	0.499 141	9.979 225	2	419	
582	9.480 108	24	9.500 885	26	0.499 115	9.979 223	2	418	
583	9.480 132	24	9.500 911	27	0.499 089	9.979 221	3	417	
584	9.480 156	24	9.500 938	26	0.499 062	9.979 218	2	416	
585	9.480 180	24	9.500 964	26	0.499 036	9.979 216	3	415	
586	9.480 204	24	9.500 990	27	0.499 010	9.979 213	2	414	
587	9.480 228	24	9.501 017	26	0.498 983	9.979 211	2	413	
588	9.480 252	24	9.501 043	26	0.498 957	9.979 209	3	412	
589	9.480 276	24	9.501 069	27	0.498 931	9.979 206	2	411	
.590	9.480 300	23	9.501 096	26	0.498 904	9.979 204	3	.410	
591	9.480 323	24	9.501 122	26	0.498 878	9.979 201	2	409	
592	9.480 347	24	9.501 148	27	0.498 852	9.979 199	2	408	
593	9.480 371	24	9.501 175	26	0.498 825	9.979 197	3	407	
594	9.480 395	24	9.501 201	26	0.498 799	9.979 194	2	406	
595	9.480 419	24	9.501 227	27	0.498 773	9.979 192	3	405	
596	9.480 443	24	9.501 254	26	0.498 746	9.979 189	2	404	
597	9.480 467	24	9.501 280	26	0.498 720	9.979 187	2	403	
598	9.480 491	24	9.501 306	26	0.498 694	9.979 185	3	402	
599	9.480 515	24	9.501 332	27	0.498 668	9.979 182	2	401	
.600	9.480 539		9.501 359		0.498 641	9.979 180		.400	
	cos	d	cotg	d	tang	sin	d	72°	P.P.

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7	16.1
8	18.4
9	20.7

72°.450 — 72°.400

17°.600 — 17°.650

17°	sin	d	tang	d	cotg	cos	d		P.P.
.600	9.480 539	23	9.501 359	26	0.498 641	9.979 180	3	.400	
601	9.480 562	24	9.501 385	26	0.498 615	9.979 177	2	399	
602	9.480 586	24	9.501 411	27	0.498 589	9.979 175	2	398	
603	9.480 610	24	9.501 438	26	0.498 562	9.979 173	3	397	
604	9.480 634	24	9.501 464	26	0.498 536	9.979 170	2	396	
605	9.480 658	24	9.501 490	27	0.498 510	9.979 168	3	395	
606	9.480 682	24	9.501 517	26	0.498 483	9.979 165	2	394	
607	9.480 706	24	9.501 543	26	0.498 457	9.979 163	2	393	
608	9.480 730	24	9.501 569	26	0.498 431	9.979 161	3	392	
609	9.480 754	23	9.501 595	27	0.498 405	9.979 158	2	391	
.610	9.480 777	24	9.501 622	26	0.498 378	9.979 156	3	.390	
611	9.480 801	24	9.501 648	26	0.498 352	9.979 153	2	389	
612	9.480 825	24	9.501 674	27	0.498 326	9.979 151	2	388	
613	9.480 849	24	9.501 701	26	0.498 299	9.979 149	3	387	
614	9.480 873	24	9.501 727	26	0.498 273	9.979 146	2	386	
615	9.480 897	24	9.501 753	26	0.498 247	9.979 144	3	385	
616	9.480 921	24	9.501 779	27	0.498 221	9.979 141	2	384	
617	9.480 945	23	9.501 806	26	0.498 194	9.979 139	3	383	
618	9.480 968	24	9.501 832	26	0.498 168	9.979 136	2	382	
619	9.480 992	24	9.501 858	26	0.498 142	9.979 134	2	381	
.620	9.481 016	24	9.501 884	27	0.498 116	9.979 132	3	.380	
621	9.481 040	24	9.501 911	26	0.498 089	9.979 129	2	379	
622	9.481 064	24	9.501 937	26	0.498 063	9.979 127	3	378	
623	9.481 088	24	9.501 963	27	0.498 037	9.979 124	2	377	
624	9.481 112	23	9.501 990	26	0.498 010	9.979 122	2	376	
625	9.481 135	24	9.502 016	26	0.497 984	9.979 120	3	375	
626	9.481 159	24	9.502 042	26	0.497 958	9.979 117	2	374	
627	9.481 183	24	9.502 068	27	0.497 932	9.979 115	3	373	
628	9.481 207	24	9.502 095	26	0.497 905	9.979 112	2	372	
629	9.481 231	24	9.502 121	26	0.497 879	9.979 110	2	371	
.630	9.481 255	24	9.502 147	26	0.497 853	9.979 108	3	.370	
631	9.481 279	23	9.502 173	27	0.497 827	9.979 105	2	369	
632	9.481 302	24	9.502 200	26	0.497 800	9.979 103	3	368	
633	9.481 326	24	9.502 226	26	0.497 774	9.979 100	2	367	
634	9.481 350	24	9.502 252	26	0.497 748	9.979 098	2	366	
635	9.481 374	24	9.502 278	27	0.497 722	9.979 096	3	365	
636	9.481 398	24	9.502 305	26	0.497 695	9.979 093	2	364	
637	9.481 422	24	9.502 331	26	0.497 669	9.979 091	3	363	
638	9.481 446	23	9.502 357	26	0.497 643	9.979 088	2	362	
639	9.481 469	24	9.502 383	27	0.497 617	9.979 086	3	361	
.640	9.481 493	24	9.502 410	26	0.497 590	9.979 083	2	.360	
641	9.481 517	24	9.502 436	26	0.497 564	9.979 081	2	359	
642	9.481 541	24	9.502 462	26	0.497 538	9.979 079	3	358	
643	9.481 565	24	9.502 488	27	0.497 512	9.979 076	2	357	
644	9.481 589	23	9.502 515	26	0.497 485	9.979 074	3	356	
645	9.481 612	24	9.502 541	26	0.497 459	9.979 071	2	355	
646	9.481 636	24	9.502 567	26	0.497 433	9.979 069	2	354	
647	9.481 660	24	9.502 593	27	0.497 407	9.979 067	3	353	
648	9.481 684	24	9.502 620	26	0.497 380	9.979 064	2	352	
649	9.481 708	23	9.502 646	26	0.497 354	9.979 062	3	351	
.650	9.481 731		9.502 672		0.497 328	9.979 059		.350	
	cos	d	cotg	d	tang	sin	d	72°	P.P.

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72°.400 — 72°.350

17°.650 — 17°.700

17°	sin	d	tang	d	cotg	cos	d		P.P.
.650	9.481 731	24	9.502 672	26	0.497 328	9.979 059	2	**.350**	
651	9.481 755	24	9.502 698	27	0.497 302	9.979 057	2	349	
652	9.481 779	24	9.502 725	26	0.497 275	9.979 055	3	348	
653	9.481 803	24	9.502 751	26	0.497 249	9.979 052	2	347	
654	9.481 827	24	9.502 777	26	0.497 223	9.979 050	3	346	
655	9.481 851	23	9.502 803	26	0.497 197	9.979 047	2	345	
656	9.481 874	24	9.502 829	27	0.497 171	9.979 045	3	344	
657	9.481 898	24	9.502 856	26	0.497 144	9.979 042	2	343	
658	9.481 922	24	9.502 882	26	0.497 118	9.979 040	2	342	
659	9.481 946	24	9.502 908	26	0.497 092	9.979 038	3	341	
.660	9.481 970	23	9.502 934	27	0.497 066	9.979 035	2	**.340**	
661	9.481 993	24	9.502 961	26	0.497 039	9.979 033	3	339	
662	9.482 017	24	9.502 987	26	0.497 013	9.979 030	2	338	
663	9.482 041	24	9.503 013	26	0.496 987	9.979 028	2	337	
664	9.482 065	24	9.503 039	26	0.496 961	9.979 026	3	336	
665	9.482 089	23	9.503 065	27	0.496 935	9.979 023	2	335	
666	9.482 112	24	9.503 092	26	0.496 908	9.979 021	3	334	
667	9.482 136	24	9.503 118	26	0.496 882	9.979 018	2	333	
668	9.482 160	24	9.503 144	26	0.496 856	9.979 016	2	332	
669	9.482 184	24	9.503 170	27	0.496 830	9.979 014	3	331	
.670	9.482 208	23	9.503 197	26	0.496 803	9.979 011	2	**.330**	
671	9.482 231	24	9.503 223	26	0.496 777	9.979 009	3	329	
672	9.482 255	24	9.503 249	26	0.496 751	9.979 006	2	328	
673	9.482 279	24	9.503 275	26	0.496 725	9.979 004	3	327	
674	9.482 303	24	9.503 301	27	0.496 699	9.979 001	2	326	
675	9.482 327	23	9.503 328	26	0.496 672	9.978 999	2	325	
676	9.482 350	24	9.503 354	26	0.496 646	9.978 997	3	324	
677	9.482 374	24	9.503 380	26	0.496 620	9.978 994	2	323	
678	9.482 398	24	9.503 406	26	0.496 594	9.978 992	3	322	
679	9.482 422	24	9.503 432	27	0.496 568	9.978 989	2	321	
.680	9.482 446	23	9.503 459	26	0.496 541	9.978 987	2	**.320**	
681	9.482 469	24	9.503 485	26	0.496 515	9.978 985	3	319	
682	9.482 493	24	9.503 511	26	0.496 489	9.978 982	2	318	
683	9.482 517	24	9.503 537	26	0.496 463	9.978 980	3	317	
684	9.482 541	23	9.503 563	27	0.496 437	9.978 977	2	316	
685	9.482 564	24	9.503 590	26	0.496 410	9.978 975	3	315	
686	9.482 588	24	9.503 616	26	0.496 384	9.978 972	2	314	
687	9.482 612	24	9.503 642	26	0.496 358	9.978 970	2	313	
688	9.482 636	23	9.503 668	26	0.496 332	9.978 968	3	312	
689	9.482 659	24	9.503 694	26	0.496 306	9.978 965	2	311	
.690	9.482 683	24	9.503 720	27	0.496 280	9.978 963	3	**.310**	
691	9.482 707	24	9.503 747	26	0.496 253	9.978 960	2	309	
692	9.482 731	24	9.503 773	26	0.496 227	9.978 958	2	308	
693	9.482 755	23	9.503 799	26	0.496 201	9.978 956	3	307	
694	9.482 778	24	9.503 825	26	0.496 175	9.978 953	2	306	
695	9.482 802	24	9.503 851	27	0.496 149	9.978 951	3	305	
696	9.482 826	24	9.503 878	26	0.496 122	9.978 948	2	304	
697	9.482 850	23	9.503 904	26	0.496 096	9.978 946	3	303	
698	9.482 873	24	9.503 930	26	0.496 070	9.978 943	2	302	
699	9.482 897	24	9.503 956	26	0.496 044	9.978 941	2	301	
.700	9.482 921		9.503 982		0.496 018	9.978 939		**.300**	
	cos	d	cotg	d	tang	sin	d	**72°**	P.P.

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8	18.4
9	20.7

72°.350 — 72°.300

17°.700 — 17°.750

17°	sin	d	tang	d	cotg	cos	d		P.P.
.700	9.482 921	24	9.503 982	26	0.496 018	9.978 939	3	.300	
701	9.482 945	23	9.504 008	27	0.495 992	9.978 936	2	299	
702	9.482 968	24	9.504 035	26	0.495 965	9.978 934	3	298	
703	9.482 992	24	9.504 061	26	0.495 939	9.978 931	2	297	
704	9.483 016	24	9.504 087	26	0.495 913	9.978 929	2	296	
705	9.483 040	23	9.504 113	26	0.495 887	9.978 927	3	295	
706	9.483 063	24	9.504 139	26	0.495 861	9.978 924	2	294	
707	9.483 087	24	9.504 165	27	0.495 835	9.978 922	3	293	
708	9.483 111	24	9.504 192	26	0.495 808	9.978 919	2	292	
709	9.483 135	23	9.504 218	26	0.495 782	9.978 917	3	291	
.710	9.483 158	24	9.504 244	26	0.495 756	9.978 914	2	.290	
711	9.483 182	24	9.504 270	26	0.495 730	9.978 912	2	289	
712	9.483 206	23	9.504 296	26	0.495 704	9.978 910	3	288	
713	9.483 229	24	9.504 322	26	0.495 678	9.978 907	2	287	
714	9.483 253	24	9.504 348	27	0.495 652	9.978 905	3	286	
715	9.483 277	24	9.504 375	26	0.495 625	9.978 902	2	285	
716	9.483 301	23	9.504 401	26	0.495 599	9.978 900	3	284	
717	9.483 324	24	9.504 427	26	0.495 573	9.978 897	2	283	
718	9.483 348	24	9.504 453	26	0.495 547	9.978 895	2	282	
719	9.483 372	24	9.504 479	26	0.495 521	9.978 893	3	281	
.720	9.483 396	23	9.504 505	26	0.495 495	9.978 890	2	.280	
721	9.483 419	24	9.504 531	27	0.495 469	9.978 888	3	279	
722	9.483 443	24	9.504 558	26	0.495 442	9.978 885	2	278	
723	9.483 467	23	9.504 584	26	0.495 416	9.978 883	2	277	
724	9.483 490	24	9.504 610	26	0.495 390	9.978 881	3	276	
725	9.483 514	24	9.504 636	26	0.495 364	9.978 878	2	275	
726	9.483 538	24	9.504 662	26	0.495 338	9.978 876	3	274	
727	9.483 562	23	9.504 688	26	0.495 312	9.978 873	2	273	
728	9.483 585	24	9.504 714	27	0.495 286	9.978 871	3	272	
729	9.483 609	24	9.504 741	26	0.495 259	9.978 868	2	271	
.730	9.483 633	23	9.504 767	26	0.495 233	9.978 866	2	.270	
731	9.483 656	24	9.504 793	26	0.495 207	9.978 864	3	269	
732	9.483 680	24	9.504 819	26	0.495 181	9.978 861	2	268	
733	9.483 704	24	9.504 845	26	0.495 155	9.978 859	3	267	
734	9.483 728	23	9.504 871	26	0.495 129	9.978 856	2	266	
735	9.483 751	24	9.504 897	26	0.495 103	9.978 854	3	265	
736	9.483 775	24	9.504 923	27	0.495 077	9.978 851	2	264	
737	9.483 799	23	9.504 950	26	0.495 050	9.978 849	2	263	
738	9.483 822	24	9.504 976	26	0.495 024	9.978 847	3	262	
739	9.483 846	24	9.505 002	26	0.494 998	9.978 844	2	261	
.740	9.483 870	23	9.505 028	26	0.494 972	9.978 842	3	.260	
741	9.483 893	24	9.505 054	26	0.494 946	9.978 839	2	259	
742	9.483 917	24	9.505 080	26	0.494 920	9.978 837	3	258	
743	9.483 941	23	9.505 106	26	0.494 894	9.978 834	2	257	
744	9.483 964	24	9.505 132	27	0.494 868	9.978 832	2	256	
745	9.483 988	24	9.505 159	26	0.494 841	9.978 830	3	255	
746	9.484 012	24	9.505 185	26	0.494 815	9.978 827	2	254	
747	9.484 036	23	9.505 211	26	0.494 789	9.978 825	3	253	
748	9.484 059	24	9.505 237	26	0.494 763	9.978 822	2	252	
749	9.484 083	24	9.505 263	26	0.494 737	9.978 820	3	251	
.750	9.484 107		9.505 289		0.494 711	9.978 817		.250	
	cos	d	cotg	d	tang	sin	d	72°	P.P.

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8	18.4
9	20.7

72°.300 — 72°.250

17°.750 — 17°.800

17°	sin	d	tang	d	cotg	cos	d		P.P.
.750	9.484 107	23	9.505 289	26	0.494 711	9.978 817	2	.250	
751	9.484 130	24	9.505 315	26	0.494 685	9.978 815	2	249	
752	9.484 154	24	9.505 341	26	0.494 659	9.978 813	3	248	
753	9.484 178	23	9.505 367	27	0.494 633	9.978 810	2	247	
754	9.484 201	24	9.505 394	26	0.494 606	9.978 808	3	246	
755	9.484 225	24	9.505 420	26	0.494 580	9.978 805	2	245	
756	9.484 249	23	9.505 446	26	0.494 554	9.978 803	3	244	
757	9.484 272	24	9.505 472	26	0.494 528	9.978 800	2	243	
758	9.484 296	24	9.505 498	26	0.494 502	9.978 798	2	242	
759	9.484 320	23	9.505 524	26	0.494 476	9.978 796	3	241	
.760	9.484 343	24	9.505 550	26	0.494 450	9.978 793	2	.240	
761	9.484 367	24	9.505 576	26	0.494 424	9.978 791	3	239	
762	9.484 391	23	9.505 602	26	0.494 398	9.978 788	2	238	
763	9.484 414	24	9.505 628	26	0.494 372	9.978 786	3	237	
764	9.484 438	24	9.505 654	27	0.494 346	9.978 783	2	236	
765	9.484 462	23	9.505 681	26	0.494 319	9.978 781	2	235	
766	9.484 485	24	9.505 707	26	0.494 293	9.978 779	3	234	
767	9.484 509	24	9.505 733	26	0.494 267	9.978 776	2	233	
768	9.484 533	23	9.505 759	26	0.494 241	9.978 774	3	232	
769	9.484 556	24	9.505 785	26	0.494 215	9.978 771	2	231	
.770	9.484 580	24	9.505 811	26	0.494 189	9.978 769	3	.230	
771	9.484 604	23	9.505 837	26	0.494 163	9.978 766	2	229	
772	9.484 627	24	9.505 863	26	0.494 137	9.978 764	2	228	
773	9.484 651	23	9.505 889	26	0.494 111	9.978 762	3	227	
774	9.484 674	24	9.505 915	26	0.494 085	9.978 759	2	226	
775	9.484 698	24	9.505 941	26	0.494 059	9.978 757	3	225	
776	9.484 722	23	9.505 967	26	0.494 033	9.978 754	2	224	
777	9.484 745	24	9.505 993	27	0.494 007	9.978 752	3	223	
778	9.484 769	24	9.506 020	26	0.493 980	9.978 749	2	222	
779	9.484 793	23	9.506 046	26	0.493 954	9.978 747	2	221	
.780	9.484 816	24	9.506 072	26	0.493 928	9.978 745	3	.220	
781	9.484 840	24	9.506 098	26	0.493 902	9.978 742	2	219	
782	9.484 864	23	9.506 124	26	0.493 876	9.978 740	3	218	
783	9.484 887	24	9.506 150	26	0.493 850	9.978 737	2	217	
784	9.484 911	23	9.506 176	26	0.493 824	9.978 735	3	216	
785	9.484 934	24	9.506 202	26	0.493 798	9.978 732	2	215	
786	9.484 958	24	9.506 228	26	0.493 772	9.978 730	2	214	
787	9.484 982	23	9.506 254	26	0.493 746	9.978 728	3	213	
788	9.485 005	24	9.506 280	26	0.493 720	9.978 725	2	212	
789	9.485 029	24	9.506 306	26	0.493 694	9.978 723	3	211	
.790	9.485 053	23	9.506 332	26	0.493 668	9.978 720	2	.210	
791	9.485 076	24	9.506 358	26	0.493 642	9.978 718	3	209	
792	9.485 100	23	9.506 384	26	0.493 616	9.978 715	2	208	
793	9.485 123	24	9.506 410	27	0.493 590	9.978 713	2	207	
794	9.485 147	24	9.506 437	26	0.493 563	9.978 711	3	206	
795	9.485 171	23	9.506 463	26	0.493 537	9.978 708	2	205	
796	9.485 194	24	9.506 489	26	0.493 511	9.978 706	3	204	
797	9.485 218	24	9.506 515	26	0.493 485	9.978 703	2	203	
798	9.485 242	23	9.506 541	26	0.493 459	9.978 701	3	202	
799	9.485 265	24	9.506 567	26	0.493 433	9.978 698	2	201	
.800	9.485 289		9.506 593		0.493 407	9.978 696		.200	
	cos	d	cotg	d	tang	sin	d	72°	P.P.

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7	16.1
8	18.4
9	20.7

72°.250 — 72°.200

17°.800 — 17°.850

17°	sin	d	tang	d	cotg	cos	d		P.P.
.800	9.485 289	23	9.506 593	26	0.493 407	9.978 696	2	**.200**	
801	9.485 312	24	9.506 619	26	0.493 381	9.978 694	3	199	
802	9.485 336	24	9.506 645	26	0.493 355	9.978 691	2	198	
803	9.485 360	23	9.506 671	26	0.493 329	9.978 689	3	197	
804	9.485 383	24	9.506 697	26	0.493 303	9.978 686	2	196	
805	9.485 407	23	9.506 723	26	0.493 277	9.978 684	3	195	
806	9.485 430	24	9.506 749	26	0.493 251	9.978 681	2	194	
807	9.485 454	24	9.506 775	26	0.493 225	9.978 679	3	193	
808	9.485 478	23	9.506 801	26	0.493 199	9.978 676	2	192	
809	9.485 501	24	9.506 827	26	0.493 173	9.978 674	2	191	
.810	9.485 525	23	9.506 853	26	0.493 147	9.978 672	3	**.190**	
811	9.485 548	24	9.506 879	26	0.493 121	9.978 669	2	189	
812	9.485 572	24	9.506 905	26	0.493 095	9.978 667	3	188	
813	9.485 596	23	9.506 931	26	0.493 069	9.978 664	2	187	
814	9.485 619	24	9.506 957	26	0.493 043	9.978 662	3	186	
815	9.485 643	23	9.506 983	26	0.493 017	9.978 659	2	185	
816	9.485 666	24	9.507 009	26	0.492 991	9.978 657	2	184	
817	9.485 690	23	9.507 035	26	0.492 965	9.978 655	3	183	
818	9.485 713	24	9.507 061	26	0.492 939	9.978 652	2	182	
819	9.485 737	24	9.507 087	26	0.492 913	9.978 650	3	181	
.820	9.485 761	23	9.507 113	26	0.492 887	9.978 647	2	**.180**	
821	9.485 784	24	9.507 139	26	0.492 861	9.978 645	3	179	
822	9.485 808	23	9.507 165	26	0.492 835	9.978 642	2	178	
823	9.485 831	24	9.507 191	26	0.492 809	9.978 640	2	177	
824	9.485 855	24	9.507 217	26	0.492 783	9.978 638	3	176	
825	9.485 879	23	9.507 243	26	0.492 757	9.978 635	2	175	
826	9.485 902	24	9.507 269	26	0.492 731	9.978 633	3	174	
827	9.485 926	23	9.507 295	26	0.492 705	9.978 630	2	173	
828	9.485 949	24	9.507 321	26	0.492 679	9.978 628	3	172	
829	9.485 973	23	9.507 347	26	0.492 653	9.978 625	2	171	
.830	9.485 996	24	9.507 373	26	0.492 627	9.978 623	3	**.170**	
831	9.486 020	24	9.507 399	26	0.492 601	9.978 620	2	169	
832	9.486 044	23	9.507 425	26	0.492 575	9.978 618	2	168	
833	9.486 067	24	9.507 451	26	0.492 549	9.978 616	3	167	
834	9.486 091	23	9.507 477	26	0.492 523	9.978 613	2	166	
835	9.486 114	24	9.507 503	26	0.492 497	9.978 611	3	165	
836	9.486 138	23	9.507 529	26	0.492 471	9.978 608	2	164	
837	9.486 161	24	9.507 555	26	0.492 445	9.978 606	3	163	
838	9.486 185	23	9.507 581	26	0.492 419	9.978 603	2	162	
839	9.486 208	24	9.507 607	26	0.492 393	9.978 601	2	161	
.840	9.486 232	24	9.507 633	26	0.492 367	9.978 599	3	**.160**	
841	9.486 256	23	9.507 659	26	0.492 341	9.978 596	2	159	
842	9.486 279	24	9.507 685	26	0.492 315	9.978 594	3	158	
843	9.486 303	23	9.507 711	26	0.492 289	9.978 591	2	157	
844	9.486 326	24	9.507 737	26	0.492 263	9.978 589	3	156	
845	9.486 350	23	9.507 763	26	0.492 237	9.978 586	2	155	
846	9.486 373	24	9.507 789	26	0.492 211	9.978 584	3	154	
847	9.486 397	23	9.507 815	26	0.492 185	9.978 581	2	153	
848	9.486 420	24	9.507 841	26	0.492 159	9.978 579	2	152	
849	9.486 444	23	9.507 867	26	0.492 133	9.978 577	3	151	
.850	9.486 467		9.507 893		0.492 107	9.978 574		**.150**	
	cos	d	cotg	d	tang	sin	d	**72°**	P.P.

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3	6.9
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8	18.4
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72°.200 — 72°.150

17°.850 — 17°.900

17°	sin	d	tang	d	cotg	cos	d		P.P.
.850	9.486 467	24	9.507 893	26	0.492 107	9.978 574	2	.150	
851	9.486 491	24	9.507 919	26	0.492 081	9.978 572	3	149	
852	9.486 515	23	9.507 945	26	0.492 055	9.978 569	2	148	
853	9.486 538	24	9.507 971	26	0.492 029	9.978 567	3	147	
854	9.486 562	23	9.507 997	26	0.492 003	9.978 564	2	146	
855	9.486 585	24	9.508 023	26	0.491 977	9.978 562	3	145	
856	9.486 609	23	9.508 049	26	0.491 951	9.978 559	2	144	
857	9.486 632	24	9.508 075	26	0.491 925	9.978 557	2	143	
858	9.486 656	23	9.508 101	26	0.491 899	9.978 555	3	142	
859	9.486 679	24	9.508 127	26	0.491 873	9.978 552	2	141	
.860	9.486 703	23	9.508 153	26	0.491 847	9.978 550	3	.140	
861	9.486 726	24	9.508 179	26	0.491 821	9.978 547	2	139	
862	9.486 750	23	9.508 205	26	0.491 795	9.978 545	3	138	
863	9.486 773	24	9.508 231	26	0.491 769	9.978 542	2	137	
864	9.486 797	23	9.508 257	26	0.491 743	9.978 540	3	136	
865	9.486 820	24	9.508 283	26	0.491 717	9.978 537	2	135	
866	9.486 844	23	9.508 309	26	0.491 691	9.978 535	2	134	
867	9.486 867	24	9.508 335	26	0.491 665	9.978 533	3	133	
868	9.486 891	23	9.508 361	26	0.491 639	9.978 530	2	132	
869	9.486 914	24	9.508 387	26	0.491 613	9.978 528	3	131	
.870	9.486 938	23	9.508 413	26	0.491 587	9.978 525	2	.130	
871	9.486 961	24	9.508 439	26	0.491 561	9.978 523	3	129	
872	9.486 985	23	9.508 465	26	0.491 535	9.978 520	2	128	
873	9.487 008	24	9.508 491	25	0.491 509	9.978 518	3	127	
874	9.487 032	23	9.508 516	26	0.491 484	9.978 515	2	126	
875	9.487 055	24	9.508 542	26	0.491 458	9.978 513	2	125	
876	9.487 079	23	9.508 568	26	0.491 432	9.978 511	3	124	
877	9.487 102	24	9.508 594	26	0.491 406	9.978 508	2	123	
878	9.487 126	23	9.508 620	26	0.491 380	9.978 506	3	122	
879	9.487 149	24	9.508 646	26	0.491 354	9.978 503	2	121	
.880	9.487 173	23	9.508 672	26	0.491 328	9.978 501	3	.120	
881	9.487 196	24	9.508 698	26	0.491 302	9.978 498	2	119	
882	9.487 220	23	9.508 724	26	0.491 276	9.978 496	3	118	
883	9.487 243	24	9.508 750	26	0.491 250	9.978 493	2	117	
884	9.487 267	23	9.508 776	26	0.491 224	9.978 491	2	116	
885	9.487 290	24	9.508 802	26	0.491 198	9.978 489	3	115	
886	9.487 314	23	9.508 828	26	0.491 172	9.978 486	2	114	
887	9.487 337	24	9.508 854	26	0.491 146	9.978 484	3	113	
888	9.487 361	23	9.508 880	26	0.491 120	9.978 481	2	112	
889	9.487 384	24	9.508 906	25	0.491 094	9.978 479	3	111	
.890	9.487 408	23	9.508 931	26	0.491 069	9.978 476	2	.110	
891	9.487 431	24	9.508 957	26	0.491 043	9.978 474	3	109	
892	9.487 455	23	9.508 983	26	0.491 017	9.978 471	2	108	
893	9.487 478	24	9.509 009	26	0.490 991	9.978 469	2	107	
894	9.487 502	23	9.509 035	26	0.490 965	9.978 467	3	106	
895	9.487 525	24	9.509 061	26	0.490 939	9.978 464	2	105	
896	9.487 549	23	9.509 087	26	0.490 913	9.978 462	3	104	
897	9.487 572	24	9.509 113	26	0.490 887	9.978 459	2	103	
898	9.487 596	23	9.509 139	26	0.490 861	9.978 457	3	102	
899	9.487 619	24	9.509 165	26	0.490 835	9.978 454	2	101	
.900	9.487 643		9.509 191		0.490 809	9.978 452		.100	
	cos	d	cotg	d	tang	sin	d	72°	P.P.

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72°.150 — 72°.100

17°.900 — 17°.950

17°	sin	d	tang	d	cotg	cos	d		P.P.
.900	9.487 643	23	9.509 191	26	0.490 809	9.978 452	3	**.100**	
901	9.487 666	24	9.509 217	26	0.490 783	9.978 449	2	099	
902	9.487 690	23	9.509 243	25	0.490 757	9.978 447	2	098	
903	9.487 713	23	9.509 268	26	0.490 732	9.978 445	3	097	
904	9.487 736	24	9.509 294	26	0.490 706	9.978 442	2	096	
905	9.487 760	23	9.509 320	26	0.490 680	9.978 440	3	095	
906	9.487 783	24	9.509 346	26	0.490 654	9.978 437	2	094	
907	9.487 807	23	9.509 372	26	0.490 628	9.978 435	3	093	
908	9.487 830	24	9.509 398	26	0.490 602	9.978 432	2	092	
909	9.487 854	23	9.509 424	26	0.490 576	9.978 430	3	091	
.910	9.487 877	24	9.509 450	26	0.490 550	9.978 427	2	**.090**	
911	9.487 901	23	9.509 476	26	0.490 524	9.978 425	3	089	
912	9.487 924	24	9.509 502	25	0.490 498	9.978 422	2	088	
913	9.487 948	23	9.509 527	26	0.490 473	9.978 420	2	087	
914	9.487 971	23	9.509 553	26	0.490 447	9.978 418	3	086	
915	9.487 994	24	9.509 579	26	0.490 421	9.978 415	2	085	
916	9.488 018	23	9.509 605	26	0.490 395	9.978 413	3	084	
917	9.488 041	24	9.509 631	26	0.490 369	9.978 410	2	083	
918	9.488 065	23	9.509 657	26	0.490 343	9.978 408	3	082	
919	9.488 088	24	9.509 683	26	0.490 317	9.978 405	2	081	
.920	9.488 112	23	9.509 709	26	0.490 291	9.978 403	3	**.080**	
921	9.488 135	24	9.509 735	26	0.490 265	9.978 400	2	079	
922	9.488 159	23	9.509 761	25	0.490 239	9.978 398	2	078	
923	9.488 182	23	9.509 786	26	0.490 214	9.978 396	3	077	
924	9.488 205	24	9.509 812	26	0.490 188	9.978 393	2	076	
925	9.488 229	23	9.509 838	26	0.490 162	9.978 391	3	075	
926	9.488 252	24	9.509 864	26	0.490 136	9.978 388	2	074	
927	9.488 276	23	9.509 890	26	0.490 110	9.978 386	3	073	
928	9.488 299	24	9.509 916	26	0.490 084	9.978 383	2	072	
929	9.488 323	23	9.509 942	26	0.490 058	9.978 381	3	071	
.930	9.488 346	23	9.509 968	25	0.490 032	9.978 378	2	**.070**	
931	9.488 369	24	9.509 993	26	0.490 007	9.978 376	3	069	
932	9.488 393	23	9.510 019	26	0.489 981	9.978 373	2	068	
933	9.488 416	24	9.510 045	26	0.489 955	9.978 371	2	067	
934	9.488 440	23	9.510 071	26	0.489 929	9.978 369	3	066	
935	9.488 463	24	9.510 097	26	0.489 903	9.978 366	2	065	
936	9.488 487	23	9.510 123	26	0.489 877	9.978 364	3	064	
937	9.488 510	23	9.510 149	26	0.489 851	9.978 361	2	063	
938	9.488 533	24	9.510 175	25	0.489 825	9.978 359	3	062	
939	9.488 557	23	9.510 200	26	0.489 800	9.978 356	2	061	
.940	9.488 580	24	9.510 226	26	0.489 774	9.978 354	3	**.060**	
941	9.488 604	23	9.510 252	26	0.489 748	9.978 351	2	059	
942	9.488 627	23	9.510 278	26	0.489 722	9.978 349	3	058	
943	9.488 650	24	9.510 304	26	0.489 696	9.978 346	2	057	
944	9.488 674	23	9.510 330	26	0.489 670	9.978 344	2	056	
945	9.488 697	24	9.510 356	25	0.489 644	9.978 342	3	055	
946	9.488 721	23	9.510 381	26	0.489 619	9.978 339	2	054	
947	9.488 744	23	9.510 407	26	0.489 593	9.978 337	3	053	
948	9.488 767	24	9.510 433	26	0.489 567	9.978 334	2	052	
949	9.488 791	23	9.510 459	26	0.489 541	9.978 332	3	051	
.950	9.488 814		9.510 485		0.489 515	9.978 329		**.050**	
	cos	d	cotg	d	tang	sin	d	72°	P.P.

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8	18.4
9	20.7

72°.100 — 72°.050

17°.950 — 18°.000

17°	sin	d	tang	d	cotg	cos	d		P.P.
.950	9.488 814	24	9.510 485	26	0.489 515	9.978 329	2	**.050**	
951	9.488 838	23	9.510 511	26	0.489 489	9.978 327	3	049	
952	9.488 861	23	9.510 537	25	0.489 463	9.978 324	2	048	
953	9.488 884	24	9.510 562	26	0.489 438	9.978 322	3	047	
954	9.488 908	23	9.510 588	26	0.489 412	9.978 319	2	046	
955	9.488 931	24	9.510 614	26	0.489 386	9.978 317	2	045	
956	9.488 955	23	9.510 640	26	0.489 360	9.978 315	3	044	
957	9.488 978	23	9.510 666	26	0.489 334	9.978 312	2	043	
958	9.489 001	24	9.510 692	26	0.489 308	9.978 310	3	042	
959	9.489 025	23	9.510 718	25	0.489 282	9.978 307	2	041	
.960	9.489 048	23	9.510 743	26	0.489 257	9.978 305	3	**.040**	
961	9.489 071	24	9.510 769	26	0.489 231	9.978 302	2	039	
962	9.489 095	23	9.510 795	26	0.489 205	9.978 300	3	038	
963	9.489 118	24	9.510 821	26	0.489 179	9.978 297	2	037	
964	9.489 142	23	9.510 847	26	0.489 153	9.978 295	3	036	
965	9.489 165	23	9.510 873	25	0.489 127	9.978 292	2	035	
966	9.489 188	24	9.510 898	26	0.489 102	9.978 290	2	034	
967	9.489 212	23	9.510 924	26	0.489 076	9.978 288	3	033	
968	9.489 235	24	9.510 950	26	0.489 050	9.978 285	2	032	
969	9.489 259	23	9.510 976	26	0.489 024	9.978 283	3	031	
.970	9.489 282	23	9.511 002	26	0.488 998	9.978 280	2	**.030**	
971	9.489 305	24	9.511 028	25	0.488 972	9.978 278	3	029	
972	9.489 329	23	9.511 053	26	0.488 947	9.978 275	2	028	
973	9.489 352	23	9.511 079	26	0.488 921	9.978 273	3	027	
974	9.489 375	24	9.511 105	26	0.488 895	9.978 270	2	026	
975	9.489 399	23	9.511 131	26	0.488 869	9.978 268	3	025	
976	9.489 422	23	9.511 157	26	0.488 843	9.978 265	2	024	
977	9.489 445	24	9.511 183	25	0.488 817	9.978 263	3	023	
978	9.489 469	23	9.511 208	26	0.488 792	9.978 260	2	022	
979	9.489 492	24	9.511 234	26	0.488 766	9.978 258	2	021	
.980	9.489 516	23	9.511 260	26	0.488 740	9.978 256	3	**.020**	
981	9.489 539	23	9.511 286	26	0.488 714	9.978 253	2	019	
982	9.489 562	24	9.511 312	25	0.488 688	9.978 251	3	018	
983	9.489 586	23	9.511 337	26	0.488 663	9.978 248	2	017	
984	9.489 609	23	9.511 363	26	0.488 637	9.978 246	3	016	
985	9.489 632	24	9.511 389	26	0.488 611	9.978 243	2	015	
986	9.489 656	23	9.511 415	26	0.488 585	9.978 241	3	014	
987	9.489 679	23	9.511 441	25	0.488 559	9.978 238	2	013	
988	9.489 702	24	9.511 466	26	0.488 534	9.978 236	3	012	
989	9.489 726	23	9.511 492	26	0.488 508	9.978 233	2	011	
.990	9.489 749	23	9.511 518	26	0.488 482	9.978 231	3	**.010**	
991	9.489 772	24	9.511 544	26	0.488 456	9.978 228	2	009	
992	9.489 796	23	9.511 570	25	0.488 430	9.978 226	2	008	
993	9.489 819	23	9.511 595	26	0.488 405	9.978 224	3	007	
994	9.489 842	24	9.511 621	26	0.488 379	9.978 221	2	006	
995	9.489 866	23	9.511 647	26	0.488 353	9.978 219	3	005	
996	9.489 889	23	9.511 673	26	0.488 327	9.978 216	2	004	
997	9.489 912	24	9.511 699	25	0.488 301	9.978 214	3	003	
998	9.489 936	23	9.511 724	26	0.488 276	9.978 211	2	002	
999	9.489 959	23	9.511 750	26	0.488 250	9.978 209	3	001	
***000**	9.489 982		9.511 776		0.488 224	9.978 206		**.000**	
	cos	d	cotg	d	tang	sin	d	**72°**	P.P.

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72°.050 — 72°.000

18°.000 — 18°.050

18°	sin	d	tang	d	cotg	cos	d		P.P.
.000	9.489 982	24	9.511 776	26	0.488 224	9.978 206	2	***000**	
001	9.490 006	23	9.511 802	26	0.488 198	9.978 204	3	999	
002	9.490 029	23	9.511 828	25	0.488 172	9.978 201	2	998	
003	9.490 052	24	9.511 853	26	0.488 147	9.978 199	3	997	
004	9.490 076	23	9.511 879	26	0.488 121	9.978 196	2	996	
005	9.490 099	23	9.511 905	26	0.488 095	9.978 194	2	995	
006	9.490 122	24	9.511 931	26	0.488 069	9.978 192	3	994	
007	9.490 146	23	9.511 957	25	0.488 043	9.978 189	2	993	
008	9.490 169	23	9.511 982	26	0.488 018	9.978 187	3	992	
009	9.490 192	24	9.512 008	26	0.487 992	9.978 184	2	991	
.010	9.490 216	23	9.512 034	26	0.487 966	9.978 182	3	**.990**	
011	9.490 239	23	9.512 060	25	0.487 940	9.978 179	2	989	
012	9.490 262	24	9.512 085	26	0.487 915	9.978 177	3	988	
013	9.490 286	23	9.512 111	26	0.487 889	9.978 174	2	987	
014	9.490 309	23	9.512 137	26	0.487 863	9.978 172	3	986	
015	9.490 332	23	9.512 163	26	0.487 837	9.978 169	2	985	
016	9.490 355	24	9.512 189	25	0.487 811	9.978 167	3	984	
017	9.490 379	23	9.512 214	26	0.487 786	9.978 164	2	983	
018	9.490 402	23	9.512 240	26	0.487 760	9.978 162	2	982	
019	9.490 425	24	9.512 266	26	0.487 734	9.978 160	3	981	
.020	9.490 449	23	9.512 292	25	0.487 708	9.978 157	2	**.980**	
021	9.490 472	23	9.512 317	26	0.487 683	9.978 155	3	979	
022	9.490 495	24	9.512 343	26	0.487 657	9.978 152	2	978	
023	9.490 519	23	9.512 369	26	0.487 631	9.978 150	3	977	
024	9.490 542	23	9.512 395	25	0.487 605	9.978 147	2	976	
025	9.490 565	23	9.512 420	26	0.487 580	9.978 145	3	975	
026	9.490 588	24	9.512 446	26	0.487 554	9.978 142	2	974	
027	9.490 612	23	9.512 472	26	0.487 528	9.978 140	3	973	
028	9.490 635	23	9.512 498	25	0.487 502	9.978 137	2	972	
029	9.490 658	24	9.512 523	26	0.487 477	9.978 135	3	971	
.030	9.490 682	23	9.512 549	26	0.487 451	9.978 132	2	**.970**	
031	9.490 705	23	9.512 575	26	0.487 425	9.978 130	3	969	
032	9.490 728	23	9.512 601	25	0.487 399	9.978 127	2	968	
033	9.490 751	24	9.512 626	26	0.487 374	9.978 125	2	967	
034	9.490 775	23	9.512 652	26	0.487 348	9.978 123	3	966	
035	9.490 798	23	9.512 678	26	0.487 322	9.978 120	2	965	
036	9.490 821	24	9.512 704	25	0.487 296	9.978 118	3	964	
037	9.490 845	23	9.512 729	26	0.487 271	9.978 115	2	963	
038	9.490 868	23	9.512 755	26	0.487 245	9.978 113	3	962	
039	9.490 891	23	9.512 781	26	0.487 219	9.978 110	2	961	
.040	9.490 914	24	9.512 807	25	0.487 193	9.978 108	3	**.960**	
041	9.490 938	23	9.512 832	26	0.487 168	9.978 105	2	959	
042	9.490 961	23	9.512 858	26	0.487 142	9.978 103	3	958	
043	9.490 984	23	9.512 884	26	0.487 116	9.978 100	2	957	
044	9.491 007	24	9.512 910	25	0.487 090	9.978 098	3	956	
045	9.491 031	23	9.512 935	26	0.487 065	9.978 095	2	955	
046	9.491 054	23	9.512 961	26	0.487 039	9.978 093	3	954	
047	9.491 077	24	9.512 987	26	0.487 013	9.978 090	2	953	
048	9.491 101	23	9.513 013	25	0.486 987	9.978 088	3	952	
049	9.491 124	23	9.513 038	26	0.486 962	9.978 085	2	951	
.050	9.491 147		9.513 064		0.486 936	9.978 083		**.950**	
	cos	d	cotg	d	tang	sin	d	**71°**	P.P.

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72°.000 — 71°.950

18°.050 — 18°.100

18°	sin	d	tang	d	cotg	cos	d		P.P.
.050	9.491 147	23	9.513 064	26	0.486 936	9.978 083	2	.950	
051	9.491 170	24	9.513 090	26	0.486 910	9.978 081	3	949	
052	9.491 194	23	9.513 116	25	0.486 884	9.978 078	2	948	
053	9.491 217	23	9.513 141	26	0.486 859	9.978 076	3	947	
054	9.491 240	23	9.513 167	26	0.486 833	9.978 073	2	946	
055	9.491 263	24	9.513 193	25	0.486 807	9.978 071	3	945	
056	9.491 287	23	9.513 218	26	0.486 782	9.978 068	2	944	
057	9.491 310	23	9.513 244	26	0.486 756	9.978 066	3	943	
058	9.491 333	23	9.513 270	26	0.486 730	9.978 063	2	942	
059	9.491 356	24	9.513 296	25	0.486 704	9.978 061	3	941	
.060	9.491 380	23	9.513 321	26	0.486 679	9.978 058	2	.940	
061	9.491 403	23	9.513 347	26	0.486 653	9.978 056	3	939	
062	9.491 426	23	9.513 373	25	0.486 627	9.978 053	2	938	
063	9.491 449	24	9.513 398	26	0.486 602	9.978 051	3	937	
064	9.491 473	23	9.513 424	26	0.486 576	9.978 048	2	936	
065	9.491 496	23	9.513 450	26	0.486 550	9.978 046	3	935	
066	9.491 519	23	9.513 476	25	0.486 524	9.978 043	2	934	
067	9.491 542	24	9.513 501	26	0.486 499	9.978 041	2	933	
068	9.491 566	23	9.513 527	26	0.486 473	9.978 039	3	932	
069	9.491 589	23	9.513 553	25	0.486 447	9.978 036	2	931	
.070	9.491 612	23	9.513 578	26	0.486 422	9.978 034	3	.930	
071	9.491 635	23	9.513 604	26	0.486 396	9.978 031	2	929	
072	9.491 658	24	9.513 630	26	0.486 370	9.978 029	3	928	
073	9.491 682	23	9.513 656	25	0.486 344	9.978 026	2	927	
074	9.491 705	23	9.513 681	26	0.486 319	9.978 024	3	926	
075	9.491 728	23	9.513 707	26	0.486 293	9.978 021	2	925	
076	9.491 751	24	9.513 733	25	0.486 267	9.978 019	3	924	
077	9.491 775	23	9.513 758	26	0.486 242	9.978 016	2	923	
078	9.491 798	23	9.513 784	26	0.486 216	9.978 014	3	922	
079	9.491 821	23	9.513 810	25	0.486 190	9.978 011	2	921	
.080	9.491 844	23	9.513 835	26	0.486 165	9.978 009	3	.920	
081	9.491 867	24	9.513 861	26	0.486 139	9.978 006	2	919	
082	9.491 891	23	9.513 887	25	0.486 113	9.978 004	3	918	
083	9.491 914	23	9.513 912	26	0.486 088	9.978 001	2	917	
084	9.491 937	23	9.513 938	26	0.486 062	9.977 999	3	916	
085	9.491 960	24	9.513 964	26	0.486 036	9.977 996	2	915	
086	9.491 984	23	9.513 990	25	0.486 010	9.977 994	2	914	
087	9.492 007	23	9.514 015	26	0.485 985	9.977 992	3	913	
088	9.492 030	23	9.514 041	26	0.485 959	9.977 989	2	912	
089	9.492 053	23	9.514 067	25	0.485 933	9.977 987	3	911	
.090	9.492 076	24	9.514 092	26	0.485 908	9.977 984	2	.910	
091	9.492 100	23	9.514 118	26	0.485 882	9.977 982	3	909	
092	9.492 123	23	9.514 144	25	0.485 856	9.977 979	2	908	
093	9.492 146	23	9.514 169	26	0.485 831	9.977 977	3	907	
094	9.492 169	23	9.514 195	26	0.485 805	9.977 974	2	906	
095	9.492 192	24	9.514 221	25	0.485 779	9.977 972	3	905	
096	9.492 216	23	9.514 246	26	0.485 754	9.977 969	2	904	
097	9.492 239	23	9.514 272	26	0.485 728	9.977 967	3	903	
098	9.492 262	23	9.514 298	25	0.485 702	9.977 964	2	902	
099	9.492 285	23	9.514 323	26	0.485 677	9.977 962	3	901	
.100	9.492 308		9.514 349		0.485 651	9.977 959		.900	
	cos	d	cotg	d	tang	sin	d	71°	P.P.

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6	14.4
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9	21.6

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7	16.1
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9	20.7

71°.950 — 71°.900

18°.100 — 18°.150

18°	sin	d	tang	d	cotg	cos	d		P.P.
.100	9.492 308	23	9.514 349	26	0.485 651	9.977 959	2	**.900**	
101	9.492 331	24	9.514 375	25	0.485 625	9.977 957	3	899	
102	9.492 355	23	9.514 400	26	0.485 600	9.977 954	2	898	
103	9.492 378	23	9.514 426	26	0.485 574	9.977 952	3	897	
104	9.492 401	23	9.514 452	25	0.485 548	9.977 949	2	896	
105	9.492 424	23	9.514 477	26	0.485 523	9.977 947	3	895	
106	9.492 447	24	9.514 503	26	0.485 497	9.977 944	2	894	
107	9.492 471	23	9.514 529	25	0.485 471	9.977 942	3	893	
108	9.492 494	23	9.514 554	26	0.485 446	9.977 939	2	892	
109	9.492 517	23	9.514 580	26	0.485 420	9.977 937	2	891	
.110	9.492 540	23	9.514 606	25	0.485 394	9.977 935	3	**.890**	
111	9.492 563	23	9.514 631	26	0.485 369	9.977 932	2	889	
112	9.492 586	24	9.514 657	26	0.485 343	9.977 930	3	888	
113	9.492 610	23	9.514 683	25	0.485 317	9.977 927	2	887	
114	9.492 633	23	9.514 708	26	0.485 292	9.977 925	3	886	
115	9.492 656	23	9.514 734	26	0.485 266	9.977 922	2	885	
116	9.492 679	23	9.514 760	25	0.485 240	9.977 920	3	884	
117	9.492 702	24	9.514 785	26	0.485 215	9.977 917	2	883	
118	9.492 726	23	9.514 811	25	0.485 189	9.977 915	3	882	
119	9.492 749	23	9.514 836	26	0.485 164	9.977 912	2	881	
.120	9.492 772	23	9.514 862	26	0.485 138	9.977 910	3	**.880**	
121	9.492 795	23	9.514 888	25	0.485 112	9.977 907	2	879	
122	9.492 818	23	9.514 913	26	0.485 087	9.977 905	3	878	
123	9.492 841	23	9.514 939	26	0.485 061	9.977 902	2	877	
124	9.492 864	24	9.514 965	25	0.485 035	9.977 900	3	876	
125	9.492 888	23	9.514 990	26	0.485 010	9.977 897	2	875	
126	9.492 911	23	9.515 016	26	0.484 984	9.977 895	3	874	
127	9.492 934	23	9.515 042	25	0.484 958	9.977 892	2	873	
128	9.492 957	23	9.515 067	26	0.484 933	9.977 890	3	872	
129	9.492 980	23	9.515 093	25	0.484 907	9.977 887	2	871	
.130	9.493 003	24	9.515 118	26	0.484 882	9.977 885	3	**.870**	
131	9.493 027	23	9.515 144	26	0.484 856	9.977 882	2	869	
132	9.493 050	23	9.515 170	25	0.484 830	9.977 880	3	868	
133	9.493 073	23	9.515 195	26	0.484 805	9.977 877	2	867	
134	9.493 096	23	9.515 221	26	0.484 779	9.977 875	2	866	
135	9.493 119	23	9.515 247	25	0.484 753	9.977 873	3	865	
136	9.493 142	23	9.515 272	26	0.484 728	9.977 870	2	864	
137	9.493 165	24	9.515 298	26	0.484 702	9.977 868	3	863	
138	9.493 189	23	9.515 324	25	0.484 676	9.977 865	2	862	
139	9.493 212	23	9.515 349	26	0.484 651	9.977 863	3	861	
.140	9.493 235	23	9.515 375	25	0.484 625	9.977 860	2	**.860**	
141	9.493 258	23	9.515 400	26	0.484 600	9.977 858	3	859	
142	9.493 281	23	9.515 426	26	0.484 574	9.977 855	2	858	
143	9.493 304	23	9.515 452	25	0.484 548	9.977 853	3	857	
144	9.493 327	23	9.515 477	26	0.484 523	9.977 850	2	856	
145	9.493 350	24	9.515 503	25	0.484 497	9.977 848	3	855	
146	9.493 374	23	9.515 528	26	0.484 472	9.977 845	2	854	
147	9.493 397	23	9.515 554	26	0.484 446	9.977 843	3	853	
148	9.493 420	23	9.515 580	25	0.484 420	9.977 840	2	852	
149	9.493 443	23	9.515 605	26	0.484 395	9.977 838	3	851	
.150	9.493 466		9.515 631		0.484 369	9.977 835		**.850**	
	cos	d	cotg	d	tang	sin	d	**71°**	P.P.

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7	17.5
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9	22.5

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8	19.2
9	21.6

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4	9.2
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7	16.1
8	18.4
9	20.7

71°.900 — 71°.850

18°.150 — 18°.200

18°	sin	d	tang	d	cotg	cos	d		P.P.
.150	9.493 466	23	9.515 631	25	0.484 369	9.977 835	2	.850	
151	9.493 489	23	9.515 656	26	0.484 344	9.977 833	3	849	
152	9.493 512	23	9.515 682	26	0.484 318	9.977 830	2	848	
153	9.493 535	24	9.515 708	25	0.484 292	9.977 828	3	847	
154	9.493 559	23	9.515 733	26	0.484 267	9.977 825	2	846	
155	9.493 582	23	9.515 759	25	0.484 241	9.977 823	3	845	
156	9.493 605	23	9.515 784	26	0.484 216	9.977 820	2	844	
157	9.493 628	23	9.515 810	26	0.484 190	9.977 818	3	843	
158	9.493 651	23	9.515 836	25	0.484 164	9.977 815	2	842	
159	9.493 674	23	9.515 861	26	0.484 139	9.977 813	3	841	
.160	9.493 697	23	9.515 887	25	0.484 113	9.977 810	2	.840	
161	9.493 720	23	9.515 912	26	0.484 088	9.977 808	3	839	
162	9.493 743	24	9.515 938	26	0.484 062	9.977 805	2	838	
163	9.493 767	23	9.515 964	25	0.484 036	9.977 803	3	837	
164	9.493 790	23	9.515 989	26	0.484 011	9.977 800	2	836	
165	9.493 813	23	9.516 015	25	0.483 985	9.977 798	3	835	
166	9.493 836	23	9.516 040	26	0.483 960	9.977 795	2	834	
167	9.493 859	23	9.516 066	26	0.483 934	9.977 793	2	833	
168	9.493 882	23	9.516 092	25	0.483 908	9.977 791	3	832	
169	9.493 905	23	9.516 117	26	0.483 883	9.977 788	2	831	
.170	9.493 928	23	9.516 143	25	0.483 857	9.977 786	3	.830	
171	9.493 951	23	9.516 168	26	0.483 832	9.977 783	2	829	
172	9.493 974	24	9.516 194	26	0.483 806	9.977 781	3	828	
173	9.493 998	23	9.516 220	25	0.483 780	9.977 778	2	827	
174	9.494 021	23	9.516 245	26	0.483 755	9.977 776	3	826	
175	9.494 044	23	9.516 271	25	0.483 729	9.977 773	2	825	
176	9.494 067	23	9.516 296	26	0.483 704	9.977 771	3	824	
177	9.494 090	23	9.516 322	25	0.483 678	9.977 768	2	823	
178	9.494 113	23	9.516 347	26	0.483 653	9.977 766	3	822	
179	9.494 136	23	9.516 373	26	0.483 627	9.977 763	2	821	
.180	9.494 159	23	9.516 399	25	0.483 601	9.977 761	3	.820	
181	9.494 182	23	9.516 424	26	0.483 576	9.977 758	2	819	
182	9.494 205	23	9.516 450	25	0.483 550	9.977 756	3	818	
183	9.494 228	23	9.516 475	26	0.483 525	9.977 753	2	817	
184	9.494 251	24	9.516 501	25	0.483 499	9.977 751	3	816	
185	9.494 275	23	9.516 526	26	0.483 474	9.977 748	2	815	
186	9.494 298	23	9.516 552	26	0.483 448	9.977 746	3	814	
187	9.494 321	23	9.516 578	25	0.483 422	9.977 743	2	813	
188	9.494 344	23	9.516 603	26	0.483 397	9.977 741	3	812	
189	9.494 367	23	9.516 629	25	0.483 371	9.977 738	2	811	
.190	9.494 390	23	9.516 654	26	0.483 346	9.977 736	3	.810	
191	9.494 413	23	9.516 680	25	0.483 320	9.977 733	2	809	
192	9.494 436	23	9.516 705	26	0.483 295	9.977 731	3	808	
193	9.494 459	23	9.516 731	25	0.483 269	9.977 728	2	807	
194	9.494 482	23	9.516 756	26	0.483 244	9.977 726	3	806	
195	9.494 505	23	9.516 782	26	0.483 218	9.977 723	2	805	
196	9.494 528	23	9.516 808	25	0.483 192	9.977 721	3	804	
197	9.494 551	23	9.516 833	26	0.483 167	9.977 718	2	803	
198	9.494 574	23	9.516 859	25	0.483 141	9.977 716	3	802	
199	9.494 597	24	9.516 884	26	0.483 116	9.977 713	2	801	
.200	9.494 621		9.516 910		0.483 090	9.977 711		.800	
	cos	d	cotg	d	tang	sin	d	71°	P.P.

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71°.850 — 71°.800

18°.200 — 18°.250

18°	sin	d	tang	d	cotg	cos	d		P.P.
.200	9.494 621	23	9.516 910	25	0.483 090	9.977 711	3	**.800**	
201	9.494 644	23	9.516 935	26	0.483 065	9.977 708	2	799	
202	9.494 667	23	9.516 961	25	0.483 039	9.977 706	3	798	
203	9.494 690	23	9.516 986	26	0.483 014	9.977 703	2	797	
204	9.494 713	23	9.517 012	25	0.482 988	9.977 701	3	796	
205	9.494 736	23	9.517 037	26	0.482 963	9.977 698	2	795	
206	9.494 759	23	9.517 063	26	0.482 937	9.977 696	3	794	
207	9.494 782	23	9.517 089	25	0.482 911	9.977 693	2	793	
208	9.494 805	23	9.517 114	26	0.482 886	9.977 691	3	792	
209	9.494 828	23	9.517 140	25	0.482 860	9.977 688	2	791	
.210	9.494 851	23	9.517 165	26	0.482 835	9.977 686	3	**.790**	
211	9.494 874	23	9.517 191	25	0.482 809	9.977 683	2	789	
212	9.494 897	23	9.517 216	26	0.482 784	9.977 681	3	788	
213	9.494 920	23	9.517 242	25	0.482 758	9.977 678	2	787	
214	9.494 943	23	9.517 267	26	0.482 733	9.977 676	3	786	
215	9.494 966	23	9.517 293	25	0.482 707	9.977 673	2	785	
216	9.494 989	23	9.517 318	26	0.482 682	9.977 671	3	784	
217	9.495 012	23	9.517 344	25	0.482 656	9.977 668	2	783	
218	9.495 035	23	9.517 369	26	0.482 631	9.977 666	3	782	
219	9.495 058	23	9.517 395	25	0.482 605	9.977 663	2	781	
.220	9.495 081	23	9.517 420	26	0.482 580	9.977 661	3	**.780**	
221	9.495 104	23	9.517 446	25	0.482 554	9.977 658	2	779	
222	9.495 127	23	9.517 471	26	0.482 529	9.977 656	3	778	
223	9.495 150	23	9.517 497	25	0.482 503	9.977 653	2	777	
224	9.495 173	23	9.517 522	26	0.482 478	9.977 651	3	776	
225	9.495 196	23	9.517 548	26	0.482 452	9.977 648	2	775	
226	9.495 219	24	9.517 574	25	0.482 426	9.977 646	3	774	
227	9.495 243	23	9.517 599	26	0.482 401	9.977 643	2	773	
228	9.495 266	23	9.517 625	25	0.482 375	9.977 641	3	772	
229	9.495 289	23	9.517 650	26	0.482 350	9.977 638	2	771	
.230	9.495 312	23	9.517 676	25	0.482 324	9.977 636	2	**.770**	
231	9.495 335	23	9.517 701	26	0.482 299	9.977 634	3	769	
232	9.495 358	23	9.517 727	25	0.482 273	9.977 631	2	768	
233	9.495 381	23	9.517 752	26	0.482 248	9.977 629	3	767	
234	9.495 404	23	9.517 778	25	0.482 222	9.977 626	2	766	
235	9.495 427	23	9.517 803	26	0.482 197	9.977 624	3	765	
236	9.495 450	23	9.517 829	25	0.482 171	9.977 621	2	764	
237	9.495 473	23	9.517 854	26	0.482 146	9.977 619	3	763	
238	9.495 496	23	9.517 880	25	0.482 120	9.977 616	2	762	
239	9.495 519	23	9.517 905	26	0.482 095	9.977 614	3	761	
.240	9.495 542	23	9.517 931	25	0.482 069	9.977 611	2	**.760**	
241	9.495 565	23	9.517 956	26	0.482 044	9.977 609	3	759	
242	9.495 588	23	9.517 982	25	0.482 018	9.977 606	2	758	
243	9.495 611	23	9.518 007	26	0.481 993	9.977 604	3	757	
244	9.495 634	23	9.518 033	25	0.481 967	9.977 601	2	756	
245	9.495 657	23	9.518 058	26	0.481 942	9.977 599	3	755	
246	9.495 680	23	9.518 084	25	0.481 916	9.977 596	2	754	
247	9.495 703	23	9.518 109	26	0.481 891	9.977 594	3	753	
248	9.495 726	23	9.518 135	25	0.481 865	9.977 591	2	752	
249	9.495 749	23	9.518 160	26	0.481 840	9.977 589	3	751	
.250	9.495 772		9.518 186		0.481 814	9.977 586		**.750**	
	cos	d	cotg	d	tang	sin	d	**71°**	P.P.

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5	12.5
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7	17.5
8	20.0
9	22.5

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3	7.2
4	9.6
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6	14.4
7	16.8
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9	21.6

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3	6.9
4	9.2
5	11.5
6	13.8
7	16.1
8	18.4
9	20.7

71°.800 — 71°.750

18°.250 — 18°.300

18°	sin	d	tang	d	cotg	cos	d		P.P.
.250	9.495 772		9.518 186		0.481 814	9.977 586		**.750**	
		23		25			2		
251	9.495 795		9.518 211		0.481 789	9.977 584		749	
252	9.495 818	23	9.518 236	25	0.481 764	9.977 581	3	748	
253	9.495 841	23	9.518 262	26	0.481 738	9.977 579	2	747	
		22		25			3		
254	9.495 863		9.518 287		0.481 713	9.977 576		746	
255	9.495 886	23	9.518 313	26	0.481 687	9.977 574	2	745	
256	9.495 909	23	9.518 338	25	0.481 662	9.977 571	3	744	
		23		26			2		
257	9.495 932		9.518 364		0.481 636	9.977 569		743	
258	9.495 955	23	9.518 389	25	0.481 611	9.977 566	3	742	
259	9.495 978	23	9.518 415	26	0.481 585	9.977 564	2	741	
		23		25			3		
.260	9.496 001		9.518 440		0.481 560	9.977 561		**.740**	
		23		26			2		
261	9.496 024		9.518 466		0.481 534	9.977 559		739	
262	9.496 047	23	9.518 491	25	0.481 509	9.977 556	3	738	
263	9.496 070	23	9.518 517	26	0.481 483	9.977 554	2	737	
		23		25			3		
264	9.496 093		9.518 542		0.481 458	9.977 551		736	
265	9.496 116	23	9.518 568	26	0.481 432	9.977 549	2	735	
266	9.496 139	23	9.518 593	25	0.481 407	9.977 546	3	734	
		23		26			2		
267	9.496 162		9.518 619		0.481 381	9.977 544		733	
268	9.496 185	23	9.518 644	25	0.481 356	9.977 541	3	732	
269	9.496 208	23	9.518 670	26	0.481 330	9.977 539	2	731	
		23		25			3		
.270	9.496 231		9.518 695		0.481 305	9.977 536		**.730**	
		23		25			2		
271	9.496 254		9.518 720		0.481 280	9.977 534		729	
272	9.496 277	23	9.518 746	26	0.481 254	9.977 531	3	728	
273	9.496 300	23	9.518 771	25	0.481 229	9.977 529	2	727	
		23		26			3		
274	9.496 323		9.518 797		0.481 203	9.977 526		726	
275	9.496 346	23	9.518 822	25	0.481 178	9.977 524	2	725	
276	9.496 369	23	9.518 848	26	0.481 152	9.977 521	3	724	
		23		25			3		
277	9.496 392		9.518 873		0.481 127	9.977 518		723	
278	9.496 415	23	9.518 899	26	0.481 101	9.977 516	2	722	
279	9.496 438	23	9.518 924	25	0.481 076	9.977 513	3	721	
		23		26			2		
.280	9.496 461		9.518 950		0.481 050	9.977 511		**.720**	
		23		25			3		
281	9.496 484		9.518 975		0.481 025	9.977 508		719	
282	9.496 506	22	9.519 000	25	0.481 000	9.977 506	2	718	
283	9.496 529	23	9.519 026	26	0.480 974	9.977 503	3	717	
		23		25			2		
284	9.496 552		9.519 051		0.480 949	9.977 501		716	
285	9.496 575	23	9.519 077	26	0.480 923	9.977 498	3	715	
286	9.496 598	23	9.519 102	25	0.480 898	9.977 496	2	714	
		23		26			3		
287	9.496 621		9.519 128		0.480 872	9.977 493		713	
288	9.496 644	23	9.519 153	25	0.480 847	9.977 491	2	712	
289	9.496 667	23	9.519 179	26	0.480 821	9.977 488	3	711	
		23		25			2		
.290	9.496 690		9.519 204		0.480 796	9.977 486		**.710**	
		23		25			3		
291	9.496 713		9.519 229		0.480 771	9.977 483		709	
292	9.496 736	23	9.519 255	26	0.480 745	9.977 481	2	708	
293	9.496 759	23	9.519 280	25	0.480 720	9.977 478	3	707	
		23		26			2		
294	9.496 782		9.519 306		0.480 694	9.977 476		706	
295	9.496 805	23	9.519 331	25	0.480 669	9.977 473	3	705	
296	9.496 828	23	9.519 357	26	0.480 643	9.977 471	2	704	
		22		25			3		
297	9.496 850		9.519 382		0.480 618	9.977 468		703	
298	9.496 873	23	9.519 407	25	0.480 593	9.977 466	2	702	
299	9.496 896	23	9.519 433	26	0.480 567	9.977 463	3	701	
		23		25			2		
.300	9.496 919		9.519 458		0.480 542	9.977 461		**.700**	
	cos	d	cotg	d	tang	sin	d	**71°**	P.P.

	26
1	2.6
2	5.2
3	7.8
4	10.4
5	13.0
6	15.6
7	18.2
8	20.8
9	23.4

	25
1	2.5
2	5.0
3	7.5
4	10.0
5	12.5
6	15.0
7	17.5
8	20.0
9	22.5

	23
1	2.3
2	4.6
3	6.9
4	9.2
5	11.5
6	13.8
7	16.1
8	18.4
9	20.7

	22
1	2.2
2	4.4
3	6.6
4	8.8
5	11.0
6	13.2
7	15.4
8	17.6
9	19.8

71°.750 — 71°.700

18°.300 — 18°.350

18°	sin	d	tang	d	cotg	cos	d		P.P.
.300	9.496 919	23	9.519 458	26	0.480 542	9.977 461	3	**.700**	
301	9.496 942	23	9.519 484	25	0.480 516	9.977 458	2	699	
302	9.496 965	23	9.519 509	26	0.480 491	9.977 456	3	698	
303	9.496 988	23	9.519 535	25	0.480 465	9.977 453	2	697	
304	9.497 011	23	9.519 560	25	0.480 440	9.977 451	3	696	26
305	9.497 034	23	9.519 585	26	0.480 415	9.977 448	2	695	1 2.6
306	9.497 057	23	9.519 611	25	0.480 389	9.977 446	3	694	2 5.2
307	9.497 080	23	9.519 636	26	0.480 364	9.977 443	2	693	3 7.8
308	9.497 103	23	9.519 662	25	0.480 338	9.977 441	3	692	4 10.4
309	9.497 125	22	9.519 687	26	0.480 313	9.977 438	2	691	5 13.0
.310	9.497 148	23	9.519 713	25	0.480 287	9.977 436	3	**.690**	6 15.6
311	9.497 171	23	9.519 738	25	0.480 262	9.977 433	2	689	7 18.2
312	9.497 194	23	9.519 763	26	0.480 237	9.977 431	3	688	8 20.8
313	9.497 217	23	9.519 789	25	0.480 211	9.977 428	2	687	9 23.4
314	9.497 240	23	9.519 814	26	0.480 186	9.977 426	3	686	
315	9.497 263	23	9.519 840	25	0.480 160	9.977 423	2	685	25
316	9.497 286	23	9.519 865	25	0.480 135	9.977 421	3	684	1 2.5
317	9.497 309	23	9.519 890	26	0.480 110	9.977 418	2	683	2 5.0
318	9.497 332	22	9.519 916	25	0.480 084	9.977 416	3	682	3 7.5
319	9.497 354	23	9.519 941	26	0.480 059	9.977 413	2	681	4 10.0
.320	9.497 377	23	9.519 967	25	0.480 033	9.977 411	3	**.680**	5 12.5
321	9.497 400	23	9.519 992	25	0.480 008	9.977 408	2	679	6 15.0
322	9.497 423	23	9.520 017	26	0.479 983	9.977 406	3	678	7 17.5
323	9.497 446	23	9.520 043	25	0.479 957	9.977 403	2	677	8 20.0
324	9.497 469	23	9.520 068	26	0.479 932	9.977 401	3	676	9 22.5
325	9.497 492	23	9.520 094	25	0.479 906	9.977 398	2	675	
326	9.497 515	23	9.520 119	25	0.479 881	9.977 396	3	674	
327	9.497 538	22	9.520 144	26	0.479 856	9.977 393	2	673	23
328	9.497 560	23	9.520 170	25	0.479 830	9.977 391	3	672	1 2.3
329	9.497 583	23	9.520 195	26	0.479 805	9.977 388	2	671	2 4.6
.330	9.497 606	23	9.520 221	25	0.479 779	9.977 386	3	**.670**	3 6.9
331	9.497 629	23	9.520 246	25	0.479 754	9.977 383	2	669	4 9.2
332	9.497 652	23	9.520 271	26	0.479 729	9.977 381	3	668	5 11.5
333	9.497 675	23	9.520 297	25	0.479 703	9.977 378	2	667	6 13.8
334	9.497 698	23	9.520 322	26	0.479 678	9.977 376	3	666	7 16.1
335	9.497 721	22	9.520 348	25	0.479 652	9.977 373	2	665	8 18.4
336	9.497 743	23	9.520 373	25	0.479 627	9.977 371	3	664	9 20.7
337	9.497 766	23	9.520 398	26	0.479 602	9.977 368	2	663	
338	9.497 789	23	9.520 424	25	0.479 576	9.977 366	3	662	
339	9.497 812	23	9.520 449	25	0.479 551	9.977 363	3	661	22
.340	9.497 835	23	9.520 474	26	0.479 526	9.977 360	2	**.660**	1 2.2
341	9.497 858	23	9.520 500	25	0.479 500	9.977 358	3	659	2 4.4
342	9.497 881	23	9.520 525	26	0.479 475	9.977 355	2	658	3 6.6
343	9.497 904	22	9.520 551	25	0.479 449	9.977 353	3	657	4 8.8
344	9.497 926	23	9.520 576	25	0.479 424	9.977 350	2	656	5 11.0
345	9.497 949	23	9.520 601	26	0.479 399	9.977 348	3	655	6 13.2
346	9.497 972	23	9.520 627	25	0.479 373	9.977 345	2	654	7 15.4
347	9.497 995	23	9.520 652	25	0.479 348	9.977 343	3	653	8 17.6
348	9.498 018	23	9.520 677	26	0.479 323	9.977 340	2	652	9 19.8
349	9.498 041	23	9.520 703	25	0.479 297	9.977 338	3	651	
.350	9.498 064		9.520 728		0.479 272	9.977 335		**.650**	
	cos	d	cotg	d	tang	sin	d	**71°**	P.P.

71°.700 — 71°.650

18°.350 — 18°.400

18°	sin	d	tang	d	cotg	cos	d		P.P.
.350	9.498 064	22	9.520 728	26	0.479 272	9.977 335	2	**.650**	
351	9.498 086	23	9.520 754	25	0.479 246	9.977 333	3	649	
352	9.498 109	23	9.520 779	25	0.479 221	9.977 330	2	648	
353	9.498 132	23	9.520 804	26	0.479 196	9.977 328	3	647	
354	9.498 155	23	9.520 830	25	0.479 170	9.977 325	2	646	
355	9.498 178	23	9.520 855	25	0.479 145	9.977 323	3	645	
356	9.498 201	22	9.520 880	26	0.479 120	9.977 320	2	644	
357	9.498 223	23	9.520 906	25	0.479 094	9.977 318	3	643	
358	9.498 246	23	9.520 931	25	0.479 069	9.977 315	2	642	
359	9.498 269	23	9.520 956	26	0.479 044	9.977 313	3	641	
.360	9.498 292	23	9.520 982	25	0.479 018	9.977 310	2	**.640**	
361	9.498 315	23	9.521 007	25	0.478 993	9.977 308	3	639	
362	9.498 338	22	9.521 032	26	0.478 968	9.977 305	2	638	
363	9.498 360	23	9.521 058	25	0.478 942	9.977 303	3	637	
364	9.498 383	23	9.521 083	26	0.478 917	9.977 300	2	636	
365	9.498 406	23	9.521 109	25	0.478 891	9.977 298	3	635	
366	9.498 429	23	9.521 134	25	0.478 866	9.977 295	2	634	
367	9.498 452	23	9.521 159	26	0.478 841	9.977 293	3	633	
368	9.498 475	22	9.521 185	25	0.478 815	9.977 290	2	632	
369	9.498 497	23	9.521 210	25	0.478 790	9.977 288	3	631	
.370	9.498 520	23	9.521 235	26	0.478 765	9.977 285	2	**.630**	
371	9.498 543	23	9.521 261	25	0.478 739	9.977 283	3	629	
372	9.498 566	23	9.521 286	25	0.478 714	9.977 280	3	628	
373	9.498 589	23	9.521 311	26	0.478 689	9.977 277	2	627	
374	9.498 612	22	9.521 337	25	0.478 663	9.977 275	3	626	
375	9.498 634	23	9.521 362	25	0.478 638	9.977 272	2	625	
376	9.498 657	23	9.521 387	26	0.478 613	9.977 270	3	624	
377	9.498 680	23	9.521 413	25	0.478 587	9.977 267	2	623	
378	9.498 703	23	9.521 438	25	0.478 562	9.977 265	3	622	
379	9.498 726	22	9.521 463	26	0.478 537	9.977 262	2	621	
.380	9.498 748	23	9.521 489	25	0.478 511	9.977 260	3	**.620**	
381	9.498 771	23	9.521 514	25	0.478 486	9.977 257	2	619	
382	9.498 794	23	9.521 539	26	0.478 461	9.977 255	3	618	
383	9.498 817	23	9.521 565	25	0.478 435	9.977 252	2	617	
384	9.498 840	23	9.521 590	25	0.478 410	9.977 250	3	616	
385	9.498 863	22	9.521 615	26	0.478 385	9.977 247	2	615	
386	9.498 885	23	9.521 641	25	0.478 359	9.977 245	3	614	
387	9.498 908	23	9.521 666	25	0.478 334	9.977 242	2	613	
388	9.498 931	23	9.521 691	26	0.478 309	9.977 240	3	612	
389	9.498 954	23	9.521 717	25	0.478 283	9.977 237	2	611	
.390	9.498 977	22	9.521 742	25	0.478 258	9.977 235	3	**.610**	
391	9.498 999	23	9.521 767	26	0.478 233	9.977 232	2	609	
392	9.499 022	23	9.521 793	25	0.478 207	9.977 230	3	608	
393	9.499 045	23	9.521 818	25	0.478 182	9.977 227	2	607	
394	9.499 068	23	9.521 843	25	0.478 157	9.977 225	3	606	
395	9.499 091	22	9.521 868	26	0.478 132	9.977 222	2	605	
396	9.499 113	23	9.521 894	25	0.478 106	9.977 220	3	604	
397	9.499 136	23	9.521 919	25	0.478 081	9.977 217	2	603	
398	9.499 159	23	9.521 944	26	0.478 056	9.977 215	3	602	
399	9.499 182	22	9.521 970	25	0.478 030	9.977 212	3	601	
.400	9.499 204		9.521 995		0.478 005	9.977 209		**.600**	
	cos	d	cotg	d	tang	sin	d	**71°**	P.P.

	26
1	2.6
2	5.2
3	7.8
4	10.4
5	13.0
6	15.6
7	18.2
8	20.8
9	23.4

	25
1	2.5
2	5.0
3	7.5
4	10.0
5	12.5
6	15.0
7	17.5
8	20.0
9	22.5

	23
1	2.3
2	4.6
3	6.9
4	9.2
5	11.5
6	13.8
7	16.1
8	18.4
9	20.7

	22
1	2.2
2	4.4
3	6.6
4	8.8
5	11.0
6	13.2
7	15.4
8	17.6
9	19.8

71°.650 — 71°.600

18°.400 — 18°.450

18°	sin	d	tang	d	cotg	cos	d		P.P.
.400	9.499 204	23	9.521 995	25	0.478 005	9.977 209	2	**.600**	
401	9.499 227	23	9.522 020	26	0.477 980	9.977 207	3	599	
402	9.499 250	23	9.522 046	25	0.477 954	9.977 204	2	598	
403	9.499 273	23	9.522 071	25	0.477 929	9.977 202	3	597	
404	9.499 296	22	9.522 096	26	0.477 904	9.977 199	2	596	
405	9.499 318	23	9.522 122	25	0.477 878	9.977 197	3	595	
406	9.499 341	23	9.522 147	25	0.477 853	9.977 194	2	594	
407	9.499 364	23	9.522 172	25	0.477 828	9.977 192	3	593	
408	9.499 387	22	9.522 197	26	0.477 803	9.977 189	2	592	
409	9.499 409	23	9.522 223	25	0.477 777	9.977 187	3	591	
.410	9.499 432	23	9.522 248	25	0.477 752	9.977 184	2	**.590**	
411	9.499 455	23	9.522 273	26	0.477 727	9.977 182	3	589	
412	9.499 478	23	9.522 299	25	0.477 701	9.977 179	2	588	
413	9.499 501	22	9.522 324	25	0.477 676	9.977 177	3	587	
414	9.499 523	23	9.522 349	25	0.477 651	9.977 174	2	586	
415	9.499 546	23	9.522 374	26	0.477 626	9.977 172	3	585	
416	9.499 569	23	9.522 400	25	0.477 600	9.977 169	2	584	
417	9.499 592	22	9.522 425	25	0.477 575	9.977 167	3	583	
418	9.499 614	23	9.522 450	26	0.477 550	9.977 164	2	582	
419	9.499 637	23	9.522 476	25	0.477 524	9.977 162	3	581	
.420	9.499 660	23	9.522 501	25	0.477 499	9.977 159	3	**.580**	
421	9.499 683	22	9.522 526	25	0.477 474	9.977 156	2	579	
422	9.499 705	23	9.522 551	26	0.477 449	9.977 154	3	578	
423	9.499 728	23	9.522 577	25	0.477 423	9.977 151	2	577	
424	9.499 751	23	9.522 602	25	0.477 398	9.977 149	3	576	
425	9.499 774	22	9.522 627	26	0.477 373	9.977 146	2	575	
426	9.499 796	23	9.522 653	25	0.477 347	9.977 144	3	574	
427	9.499 819	23	9.522 678	25	0.477 322	9.977 141	2	573	
428	9.499 842	23	9.522 703	25	0.477 297	9.977 139	3	572	
429	9.499 865	22	9.522 728	26	0.477 272	9.977 136	2	571	
.430	9.499 887	23	9.522 754	25	0.477 246	9.977 134	3	**.570**	
431	9.499 910	23	9.522 779	25	0.477 221	9.977 131	2	569	
432	9.499 933	23	9.522 804	26	0.477 196	9.977 129	3	568	
433	9.499 956	22	9.522 830	25	0.477 170	9.977 126	2	567	
434	9.499 978	23	9.522 855	25	0.477 145	9.977 124	3	566	
435	9.500 001	23	9.522 880	25	0.477 120	9.977 121	2	565	
436	9.500 024	23	9.522 905	26	0.477 095	9.977 119	3	564	
437	9.500 047	22	9.522 931	25	0.477 069	9.977 116	2	563	
438	9.500 069	23	9.522 956	25	0.477 044	9.977 114	3	562	
439	9.500 092	23	9.522 981	25	0.477 019	9.977 111	3	561	
.440	9.500 115	23	9.523 006	26	0.476 994	9.977 108	2	**.560**	
441	9.500 138	22	9.523 032	25	0.476 968	9.977 106	3	559	
442	9.500 160	23	9.523 057	25	0.476 943	9.977 103	2	558	
443	9.500 183	23	9.523 082	25	0.476 918	9.977 101	3	557	
444	9.500 206	22	9.523 107	26	0.476 893	9.977 098	2	556	
445	9.500 228	23	9.523 133	25	0.476 867	9.977 096	3	555	
446	9.500 251	23	9.523 158	25	0.476 842	9.977 093	2	554	
447	9.500 274	23	9.523 183	25	0.476 817	9.977 091	3	553	
448	9.500 297	22	9.523 208	26	0.476 792	9.977 088	2	552	
449	9.500 319	23	9.523 234	25	0.476 766	9.977 086	3	551	
.450	9.500 342		9.523 259		0.476 741	9.977 083		**.550**	
	cos	d	cotg	d	tang	sin	d	**71°**	P.P.

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5	13.0
6	15.6
7	18.2
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5	12.5
6	15.0
7	17.5
8	20.0
9	22.5

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4	8.8
5	11.0
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71°.600 — 71°.550

18°.450 — 18°.500

18°	sin	d	tang	d	cotg	cos	d		P.P.
.450	9.500 342		9.523 259		0.476 741	9.977 083		**.550**	
		23		25			2		
451	9.500 365		9.523 284		0.476 716	9.977 081		549	
452	9.500 388	23	9.523 309	25	0.476 691	9.977 078	3	548	
453	9.500 410	22	9.523 335	26	0.476 665	9.977 076	2	547	
		23		25			3		
454	9.500 433		9.523 360		0.476 640	9.977 073		546	
455	9.500 456	23	9.523 385	25	0.476 615	9.977 071	2	545	
456	9.500 478	22	9.523 410	25	0.476 590	9.977 068	3	544	
		23		26			2		
457	9.500 501		9.523 436		0.476 564	9.977 066		543	
458	9.500 524	23	9.523 461	25	0.476 539	9.977 063	3	542	
459	9.500 547	23	9.523 486	25	0.476 514	9.977 060	3	541	
		22		25			2		
.460	9.500 569		9.523 511		0.476 489	9.977 058		**.540**	
		23		26			3		
461	9.500 592		9.523 537		0.476 463	9.977 055		539	
462	9.500 615	23	9.523 562	25	0.476 438	9.977 053	2	538	
463	9.500 637	22	9.523 587	25	0.476 413	9.977 050	3	537	
		23		25			2		
464	9.500 660		9.523 612		0.476 388	9.977 048		536	
465	9.500 683	23	9.523 637	25	0.476 363	9.977 045	3	535	
466	9.500 705	22	9.523 663	26	0.476 337	9.977 043	2	534	
		23		25			3		
467	9.500 728		9.523 688		0.476 312	9.977 040		533	
468	9.500 751	23	9.523 713	25	0.476 287	9.977 038	2	532	
469	9.500 774	23	9.523 738	25	0.476 262	9.977 035	3	531	
		22		26			2		
.470	9.500 796		9.523 764		0.476 236	9.977 033		**.530**	
		23		25			3		
471	9.500 819		9.523 789		0.476 211	9.977 030		529	
472	9.500 842	23	9.523 814	25	0.476 186	9.977 028	2	528	
473	9.500 864	22	9.523 839	25	0.476 161	9.977 025	3	527	
		23		26			3		
474	9.500 887		9.523 865		0.476 135	9.977 022		526	
475	9.500 910	23	9.523 890	25	0.476 110	9.977 020	2	525	
476	9.500 932	22	9.523 915	25	0.476 085	9.977 017	3	524	
		23		25			2		
477	9.500 955		9.523 940		0.476 060	9.977 015		523	
478	9.500 978	23	9.523 965	25	0.476 035	9.977 012	3	522	
479	9.501 000	22	9.523 991	26	0.476 009	9.977 010	2	521	
		23		25			3		
.480	9.501 023		9.524 016		0.475 984	9.977 007		**.520**	
		23		25			2		
481	9.501 046		9.524 041		0.475 959	9.977 005		519	
482	9.501 068	22	9.524 066	25	0.475 934	9.977 002	3	518	
483	9.501 091	23	9.524 091	25	0.475 909	9.977 000	2	517	
		23		26			3		
484	9.501 114		9.524 117		0.475 883	9.976 997		516	
485	9.501 136	22	9.524 142	25	0.475 858	9.976 995	2	515	
486	9.501 159	23	9.524 167	25	0.475 833	9.976 992	3	514	
		23		25			2		
487	9.501 182		9.524 192		0.475 808	9.976 990		513	
488	9.501 205	23	9.524 217	25	0.475 783	9.976 987	3	512	
489	9.501 227	22	9.524 243	26	0.475 757	9.976 984	3	511	
		23		25			2		
.490	9.501 250		9.524 268		0.475 732	9.976 982		**.510**	
		23		25			3		
491	9.501 273		9.524 293		0.475 707	9.976 979		509	
492	9.501 295	22	9.524 318	25	0.475 682	9.976 977	2	508	
493	9.501 318	23	9.524 344	26	0.475 656	9.976 974	3	507	
		22		25			2		
494	9.501 340		9.524 369		0.475 631	9.976 972		506	
495	9.501 363	23	9.524 394	25	0.475 606	9.976 969	3	505	
496	9.501 386	23	9.524 419	25	0.475 581	9.976 967	2	504	
		22		25			3		
497	9.501 408		9.524 444		0.475 556	9.976 964		503	
498	9.501 431	23	9.524 469	25	0.475 531	9.976 962	2	502	
499	9.501 454	23	9.524 495	26	0.475 505	9.976 959	3	501	
		22		25			2		
.500	9.501 476		9.524 520		0.475 480	9.976 957		**.500**	
	cos	d	cotg	d	tang	sin	d	**71°**	P.P.

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7	15.4
8	17.6
9	19.8

71°.550 — 71°.500

18°.500 — 18°.550

18°	sin	d	tang	d	cotg	cos	d		P.P.
.500	9.501 476	23	9.524 520	25	0.475 480	9.976 957	3	.500	
501	9.501 499	23	9.524 545	25	0.475 455	9.976 954	2	499	
502	9.501 522	22	9.524 570	25	0.475 430	9.976 952	3	498	
503	9.501 544	23	9.524 595	26	0.475 405	9.976 949	3	497	
504	9.501 567	23	9.524 621	25	0.475 379	9.976 946	2	496	
505	9.501 590	22	9.524 646	25	0.475 354	9.976 944	3	495	
506	9.501 612	23	9.524 671	25	0.475 329	9.976 941	2	494	
507	9.501 635	23	9.524 696	25	0.475 304	9.976 939	3	493	
508	9.501 658	22	9.524 721	26	0.475 279	9.976 936	2	492	
509	9.501 680	23	9.524 747	25	0.475 253	9.976 934	3	491	
.510	9.501 703	23	9.524 772	25	0.475 228	9.976 931	2	.490	
511	9.501 726	22	9.524 797	25	0.475 203	9.976 929	3	489	
512	9.501 748	23	9.524 822	25	0.475 178	9.976 926	2	488	
513	9.501 771	22	9.524 847	25	0.475 153	9.976 924	3	487	
514	9.501 793	23	9.524 872	26	0.475 128	9.976 921	2	486	
515	9.501 816	23	9.524 898	25	0.475 102	9.976 919	3	485	
516	9.501 839	22	9.524 923	25	0.475 077	9.976 916	3	484	
517	9.501 861	23	9.524 948	25	0.475 052	9.976 913	2	483	
518	9.501 884	23	9.524 973	25	0.475 027	9.976 911	3	482	
519	9.501 907	22	9.524 998	25	0.475 002	9.976 908	2	481	
.520	9.501 929	23	9.525 023	26	0.474 977	9.976 906	3	.480	
521	9.501 952	23	9.525 049	25	0.474 951	9.976 903	2	479	
522	9.501 975	22	9.525 074	25	0.474 926	9.976 901	3	478	
523	9.501 997	23	9.525 099	25	0.474 901	9.976 898	2	477	
524	9.502 020	22	9.525 124	25	0.474 876	9.976 896	3	476	
525	9.502 042	23	9.525 149	25	0.474 851	9.976 893	2	475	
526	9.502 065	23	9.525 174	26	0.474 826	9.976 891	3	474	
527	9.502 088	22	9.525 200	25	0.474 800	9.976 888	2	473	
528	9.502 110	23	9.525 225	25	0.474 775	9.976 886	3	472	
529	9.502 133	22	9.525 250	25	0.474 750	9.976 883	3	471	
.530	9.502 155	23	9.525 275	25	0.474 725	9.976 880	2	.470	
531	9.502 178	23	9.525 300	25	0.474 700	9.976 878	3	469	
532	9.502 201	22	9.525 325	25	0.474 675	9.976 875	2	468	
533	9.502 223	23	9.525 350	26	0.474 650	9.976 873	3	467	
534	9.502 246	23	9.525 376	25	0.474 624	9.976 870	2	466	
535	9.502 269	22	9.525 401	25	0.474 599	9.976 868	3	465	
536	9.502 291	23	9.525 426	25	0.474 574	9.976 865	2	464	
537	9.502 314	22	9.525 451	25	0.474 549	9.976 863	3	463	
538	9.502 336	23	9.525 476	25	0.474 524	9.976 860	2	462	
539	9.502 359	23	9.525 501	26	0.474 499	9.976 858	3	461	
.540	9.502 382	22	9.525 527	25	0.474 473	9.976 855	3	.460	
541	9.502 404	23	9.525 552	25	0.474 448	9.976 852	2	459	
542	9.502 427	22	9.525 577	25	0.474 423	9.976 850	3	458	
543	9.502 449	23	9.525 602	25	0.474 398	9.976 847	2	457	
544	9.502 472	23	9.525 627	25	0.474 373	9.976 845	3	456	
545	9.502 495	22	9.525 652	25	0.474 348	9.976 842	2	455	
546	9.502 517	23	9.525 677	26	0.474 323	9.976 840	3	454	
547	9.502 540	22	9.525 703	25	0.474 297	9.976 837	2	453	
548	9.502 562	23	9.525 728	25	0.474 272	9.976 835	3	452	
549	9.502 585	22	9.525 753	25	0.474 247	9.976 832	2	451	
.550	9.502 607		9.525 778		0.474 222	9.976 830		.450	
	cos	d	cotg	d	tang	sin	d	71°	P.P.

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7	17.5
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5	11.0
6	13.2
7	15.4
8	17.6
9	19.8

71°.500 — 71°.450

18°.550 — 18°.600

18°	sin	d	tang	d	cotg	cos	d		P.P.
.550	9.502 607	23	9.525 778	25	0.474 222	9.976 830	3	.450	
551	9.502 630	23	9.525 803	25	0.474 197	9.976 827	2	449	
552	9.502 653	22	9.525 828	25	0.474 172	9.976 825	3	448	
553	9.502 675	23	9.525 853	25	0.474 147	9.976 822	3	447	
554	9.502 698	22	9.525 878	26	0.474 122	9.976 819	2	446	
555	9.502 720	23	9.525 904	25	0.474 096	9.976 817	3	445	
556	9.502 743	23	9.525 929	25	0.474 071	9.976 814	2	444	
557	9.502 766	22	9.525 954	25	0.474 046	9.976 812	3	443	
558	9.502 788	23	9.525 979	25	0.474 021	9.976 809	2	442	
559	9.502 811	22	9.526 004	25	0.473 996	9.976 807	3	441	
.560	9.502 833	23	9.526 029	25	0.473 971	9.976 804	2	.440	
561	9.502 856	22	9.526 054	25	0.473 946	9.976 802	3	439	
562	9.502 878	23	9.526 079	26	0.473 921	9.976 799	2	438	
563	9.502 901	23	9.526 105	25	0.473 895	9.976 797	3	437	
564	9.502 924	22	9.526 130	25	0.473 870	9.976 794	3	436	
565	9.502 946	23	9.526 155	25	0.473 845	9.976 791	2	435	
566	9.502 969	22	9.526 180	25	0.473 820	9.976 789	3	434	
567	9.502 991	23	9.526 205	25	0.473 795	9.976 786	2	433	
568	9.503 014	22	9.526 230	25	0.473 770	9.976 784	3	432	
569	9.503 036	23	9.526 255	25	0.473 745	9.976 781	2	431	
.570	9.503 059	23	9.526 280	25	0.473 720	9.976 779	3	.430	
571	9.503 082	22	9.526 305	26	0.473 695	9.976 776	2	429	
572	9.503 104	23	9.526 331	25	0.473 669	9.976 774	3	428	
573	9.503 127	22	9.526 356	25	0.473 644	9.976 771	2	427	
574	9.503 149	23	9.526 381	25	0.473 619	9.976 769	3	426	
575	9.503 172	22	9.526 406	25	0.473 594	9.976 766	3	425	
576	9.503 194	23	9.526 431	25	0.473 569	9.976 763	2	424	
577	9.503 217	22	9.526 456	25	0.473 544	9.976 761	3	423	
578	9.503 239	23	9.526 481	25	0.473 519	9.976 758	2	422	
579	9.503 262	23	9.526 506	25	0.473 494	9.976 756	3	421	
.580	9.503 285	22	9.526 531	25	0.473 469	9.976 753	2	.420	
581	9.503 307	23	9.526 556	26	0.473 444	9.976 751	3	419	
582	9.503 330	22	9.526 582	25	0.473 418	9.976 748	2	418	
583	9.503 352	23	9.526 607	25	0.473 393	9.976 746	3	417	
584	9.503 375	22	9.526 632	25	0.473 368	9.976 743	3	416	
585	9.503 397	23	9.526 657	25	0.473 343	9.976 740	2	415	
586	9.503 420	22	9.526 682	25	0.473 318	9.976 738	3	414	
587	9.503 442	23	9.526 707	25	0.473 293	9.976 735	2	413	
588	9.503 465	22	9.526 732	25	0.473 268	9.976 733	3	412	
589	9.503 487	23	9.526 757	25	0.473 243	9.976 730	2	411	
.590	9.503 510	23	9.526 782	25	0.473 218	9.976 728	3	.410	
591	9.503 533	22	9.526 807	25	0.473 193	9.976 725	2	409	
592	9.503 555	23	9.526 832	26	0.473 168	9.976 723	3	408	
593	9.503 578	22	9.526 858	25	0.473 142	9.976 720	2	407	
594	9.503 600	23	9.526 883	25	0.473 117	9.976 718	3	406	
595	9.503 623	22	9.526 908	25	0.473 092	9.976 715	3	405	
596	9.503 645	23	9.526 933	25	0.473 067	9.976 712	2	404	
597	9.503 668	22	9.526 958	25	0.473 042	9.976 710	3	403	
598	9.503 690	23	9.526 983	25	0.473 017	9.976 707	2	402	
599	9.503 713	22	9.527 008	25	0.472 992	9.976 705	3	401	
.600	9.503 735		9.527 033		0.472 967	9.976 702		.400	
	cos	d	cotg	d	tang	sin	d	71°	P.P.

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71°.450 — 71°.400

18°.600 — 18°.650

18°	sin	d	tang	d	cotg	cos	d		P.P.
.600	9.503 735	23	9.527 033	25	0.472 967	9.976 702	2	**.400**	
601	9.503 758	22	9.527 058	25	0.472 942	9.976 700	3	399	
602	9.503 780	23	9.527 083	25	0.472 917	9.976 697	2	398	
603	9.503 803	22	9.527 108	25	0.472 892	9.976 695	3	397	
604	9.503 825	23	9.527 133	25	0.472 867	9.976 692	3	396	
605	9.503 848	22	9.527 158	25	0.472 842	9.976 689	2	395	
606	9.503 870	23	9.527 183	26	0.472 817	9.976 687	3	394	
607	9.503 893	22	9.527 209	25	0.472 791	9.976 684	2	393	
608	9.503 915	23	9.527 234	25	0.472 766	9.976 682	3	392	
609	9.503 938	22	9.527 259	25	0.472 741	9.976 679	2	391	
.610	9.503 960	23	9.527 284	25	0.472 716	9.976 677	3	**.390**	
611	9.503 983	22	9.527 309	25	0.472 691	9.976 674	2	389	
612	9.504 005	23	9.527 334	25	0.472 666	9.976 672	3	388	
613	9.504 028	22	9.527 359	25	0.472 641	9.976 669	2	387	
614	9.504 050	23	9.527 384	25	0.472 616	9.976 667	3	386	
615	9.504 073	22	9.527 409	25	0.472 591	9.976 664	3	385	
616	9.504 095	23	9.527 434	25	0.472 566	9.976 661	2	384	
617	9.504 118	22	9.527 459	25	0.472 541	9.976 659	3	383	
618	9.504 140	23	9.527 484	25	0.472 516	9.976 656	2	382	
619	9.504 163	22	9.527 509	25	0.472 491	9.976 654	3	381	
.620	9.504 185	23	9.527 534	25	0.472 466	9.976 651	2	**.380**	
621	9.504 208	22	9.527 559	25	0.472 441	9.976 649	3	379	
622	9.504 230	23	9.527 584	25	0.472 416	9.976 646	2	378	
623	9.504 253	22	9.527 609	25	0.472 391	9.976 644	3	377	
624	9.504 275	23	9.527 634	26	0.472 366	9.976 641	3	376	
625	9.504 298	22	9.527 660	25	0.472 340	9.976 638	2	375	
626	9.504 320	23	9.527 685	25	0.472 315	9.976 636	3	374	
627	9.504 343	22	9.527 710	25	0.472 290	9.976 633	2	373	
628	9.504 365	23	9.527 735	25	0.472 265	9.976 631	3	372	
629	9.504 388	22	9.527 760	25	0.472 240	9.976 628	2	371	
.630	9.504 410	23	9.527 785	25	0.472 215	9.976 626	3	**.370**	
631	9.504 433	22	9.527 810	25	0.472 190	9.976 623	2	369	
632	9.504 455	23	9.527 835	25	0.472 165	9.976 621	3	368	
633	9.504 478	22	9.527 860	25	0.472 140	9.976 618	3	367	
634	9.504 500	23	9.527 885	25	0.472 115	9.976 615	2	366	
635	9.504 523	22	9.527 910	25	0.472 090	9.976 613	3	365	
636	9.504 545	23	9.527 935	25	0.472 065	9.976 610	2	364	
637	9.504 568	22	9.527 960	25	0.472 040	9.976 608	3	363	
638	9.504 590	23	9.527 985	25	0.472 015	9.976 605	2	362	
639	9.504 613	22	9.528 010	25	0.471 990	9.976 603	3	361	
.640	9.504 635	23	9.528 035	25	0.471 965	9.976 600	2	**.360**	
641	9.504 658	22	9.528 060	25	0.471 940	9.976 598	3	359	
642	9.504 680	23	9.528 085	25	0.471 915	9.976 595	3	358	
643	9.504 703	22	9.528 110	25	0.471 890	9.976 592	2	357	
644	9.504 725	23	9.528 135	25	0.471 865	9.976 590	3	356	
645	9.504 748	22	9.528 160	25	0.471 840	9.976 587	2	355	
646	9.504 770	22	9.528 185	25	0.471 815	9.976 585	3	354	
647	9.504 792	23	9.528 210	25	0.471 790	9.976 582	2	353	
648	9.504 815	22	9.528 235	25	0.471 765	9.976 580	3	352	
649	9.504 837	23	9.528 260	25	0.471 740	9.976 577	3	351	
.650	9.504 860		9.528 285		0.471 715	9.976 574		**.350**	
	cos	d	cotg	d	tang	sin	d	**71°**	P.P.

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1	2.6
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5	13.0
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7	17.5
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9	22.5

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7	15.4
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9	19.8

71°.400 — 71°.350

18°.650 — 18°.700

18°	sin	d	tang	d	cotg	cos	d		P.P.
.650	9.504 860		9.528 285		0.471 715	9.976 574		**.350**	
		22		25			2		
651	9.504 882		9.528 310		0.471 690	9.976 572		349	
652	9.504 905	23	9.528 335	25	0.471 665	9.976 569	3	348	
653	9.504 927	22	9.528 360	25	0.471 640	9.976 567	2	347	
		23		25			3		
654	9.504 950		9.528 385		0.471 615	9.976 564		346	
655	9.504 972	22	9.528 410	25	0.471 590	9.976 562	2	345	
656	9.504 995	23	9.528 435	25	0.471 565	9.976 559	3	344	
		22		25			2		
657	9.505 017		9.528 460		0.471 540	9.976 557		343	
658	9.505 039	22	9.528 485	25	0.471 515	9.976 554	3	342	
659	9.505 062	23	9.528 510	25	0.471 490	9.976 551	3	341	
		22		25			2		
.660	9.505 084		9.528 535		0.471 465	9.976 549		**.340**	
		23		25			3		
661	9.505 107		9.528 560		0.471 440	9.976 546		339	
662	9.505 129	22	9.528 585	25	0.471 415	9.976 544	2	338	
663	9.505 152	23	9.528 610	25	0.471 390	9.976 541	3	337	
		22		25			2		
664	9.505 174		9.528 635		0.471 365	9.976 539		336	
665	9.505 197	23	9.528 660	25	0.471 340	9.976 536	3	335	
666	9.505 219	22	9.528 685	25	0.471 315	9.976 534	2	334	
		22		25			3		
667	9.505 241		9.528 710		0.471 290	9.976 531		333	
668	9.505 264	23	9.528 735	25	0.471 265	9.976 528	3	332	
669	9.505 286	22	9.528 760	25	0.471 240	9.976 526	2	331	
		23		25			3		
.670	9.505 309		9.528 785		0.471 215	9.976 523		**.330**	
		22		25			2		
671	9.505 331		9.528 810		0.471 190	9.976 521		329	
672	9.505 354	23	9.528 835	25	0.471 165	9.976 518	3	328	
673	9.505 376	22	9.528 860	25	0.471 140	9.976 516	2	327	
		22		25			3		
674	9.505 398		9.528 885		0.471 115	9.976 513		326	
675	9.505 421	23	9.528 910	25	0.471 090	9.976 510	3	325	
676	9.505 443	22	9.528 935	25	0.471 065	9.976 508	2	324	
		23		25			3		
677	9.505 466		9.528 960		0.471 040	9.976 505		323	
678	9.505 488	22	9.528 985	25	0.471 015	9.976 503	2	322	
679	9.505 511	23	9.529 010	25	0.470 990	9.976 500	3	321	
		22		25			2		
.680	9.505 533		9.529 035		0.470 965	9.976 498		**.320**	
		22		25			3		
681	9.505 555		9.529 060		0.470 940	9.976 495		319	
682	9.505 578	23	9.529 085	25	0.470 915	9.976 493	2	318	
683	9.505 600	22	9.529 110	25	0.470 890	9.976 490	3	317	
		23		25			3		
684	9.505 623		9.529 135		0.470 865	9.976 487		316	
685	9.505 645	22	9.529 160	25	0.470 840	9.976 485	2	315	
686	9.505 667	22	9.529 185	25	0.470 815	9.976 482	3	314	
		23		25			2		
687	9.505 690		9.529 210		0.470 790	9.976 480		313	
688	9.505 712	22	9.529 235	25	0.470 765	9.976 477	3	312	
689	9.505 735	23	9.529 260	25	0.470 740	9.976 475	2	311	
		22		25			3		
.690	9.505 757		9.529 285		0.470 715	9.976 472		**.310**	
		23		25			3		
691	9.505 780		9.529 310		0.470 690	9.976 469		309	
692	9.505 802	22	9.529 335	25	0.470 665	9.976 467	2	308	
693	9.505 824	22	9.529 360	25	0.470 640	9.976 464	3	307	
		23		25			2		
694	9.505 847		9.529 385		0.470 615	9.976 462		306	
695	9.505 869	22	9.529 410	25	0.470 590	9.976 459	3	305	
696	9.505 892	23	9.529 435	25	0.470 565	9.976 457	2	304	
		22		25			3		
697	9.505 914		9.529 460		0.470 540	9.976 454		303	
698	9.505 936	22	9.529 485	25	0.470 515	9.976 452	2	302	
699	9.505 959	23	9.529 510	25	0.470 490	9.976 449	3	301	
		22		25			3		
.700	9.505 981		9.529 535		0.470 465	9.976 446		**.300**	
	cos	d	cotg	d	tang	sin	d	**71°**	P.P.

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9	19.8

71°.350 — 71°.300

18°.700 — 18°.750

18°	sin	d	tang	d	cotg	cos	d		P.P.
.700	9.505 981		9.529 535		0.470 465	9.976 446		**.300**	
		23		25			2		
701	9.506 004		9.529 560		0.470 440	9.976 444		299	
		22		25			3		
702	9.506 026		9.529 585		0.470 415	9.976 441		298	
		22		25			2		
703	9.506 048		9.529 610		0.470 390	9.976 439		297	
		23		25			3		
704	9.506 071		9.529 635		0.470 365	9.976 436		296	
		22		24			2		
705	9.506 093		9.529 659		0.470 341	9.976 434		295	
		22		25			3		
706	9.506 115		9.529 684		0.470 316	9.976 431		294	
		23		25			3		
707	9.506 138		9.529 709		0.470 291	9.976 428		293	
		22		25			2		
708	9.506 160		9.529 734		0.470 266	9.976 426		292	
		23		25			3		
709	9.506 183		9.529 759		0.470 241	9.976 423		291	
		22		25			2		
.710	9.506 205		9.529 784		0.470 216	9.976 421		**.290**	
		22		25			3		
711	9.506 227		9.529 809		0.470 191	9.976 418		289	
		23		25			2		
712	9.506 250		9.529 834		0.470 166	9.976 416		288	
		22		25			3		
713	9.506 272		9.529 859		0.470 141	9.976 413		287	
		23		25			3		
714	9.506 295		9.529 884		0.470 116	9.976 410		286	
		22		25			2		
715	9.506 317		9.529 909		0.470 091	9.976 408		285	
		22		25			3		
716	9.506 339		9.529 934		0.470 066	9.976 405		284	
		23		25			2		
717	9.506 362		9.529 959		0.470 041	9.976 403		283	
		22		25			3		
718	9.506 384		9.529 984		0.470 016	9.976 400		282	
		22		25			2		
719	9.506 406		9.530 009		0.469 991	9.976 398		281	
		23		25			3		
.720	9.506 429		9.530 034		0.469 966	9.976 395		**.280**	
		22		25			3		
721	9.506 451		9.530 059		0.469 941	9.976 392		279	
		22		25			2		
722	9.506 473		9.530 084		0.469 916	9.976 390		278	
		23		24			3		
723	9.506 496		9.530 108		0.469 892	9.976 387		277	
		22		25			2		
724	9.506 518		9.530 133		0.469 867	9.976 385		276	
		23		25			3		
725	9.506 541		9.530 158		0.469 842	9.976 382		275	
		22		25			2		
726	9.506 563		9.530 183		0.469 817	9.976 380		274	
		22		25			3		
727	9.506 585		9.530 208		0.469 792	9.976 377		273	
		23		25			2		
728	9.506 608		9.530 233		0.469 767	9.976 375		272	
		22		25			3		
729	9.506 630		9.530 258		0.469 742	9.976 372		271	
		22		25			3		
.730	9.506 652		9.530 283		0.469 717	9.976 369		**.270**	
		23		25			2		
731	9.506 675		9.530 308		0.469 692	9.976 367		269	
		22		25			3		
732	9.506 697		9.530 333		0.469 667	9.976 364		268	
		22		25			2		
733	9.506 719		9.530 358		0.469 642	9.976 362		267	
		23		25			3		
734	9.506 742		9.530 383		0.469 617	9.976 359		266	
		22		25			2		
735	9.506 764		9.530 408		0.469 592	9.976 357		265	
		22		25			3		
736	9.506 786		9.530 433		0.469 567	9.976 354		264	
		23		24			3		
737	9.506 809		9.530 457		0.469 543	9.976 351		263	
		22		25			2		
738	9.506 831		9.530 482		0.469 518	9.976 349		262	
		22		25			3		
739	9.506 853		9.530 507		0.469 493	9.976 346		261	
		23		25			2		
.740	9.506 876		9.530 532		0.469 468	9.976 344		**.260**	
		22		25			3		
741	9.506 898		9.530 557		0.469 443	9.976 341		259	
		23		25			2		
742	9.506 921		9.530 582		0.469 418	9.976 339		258	
		22		25			3		
743	9.506 943		9.530 607		0.469 393	9.976 336		257	
		22		25			3		
744	9.506 965		9.530 632		0.469 368	9.976 333		256	
		23		25			2		
745	9.506 988		9.530 657		0.469 343	9.976 331		255	
		22		25			3		
746	9.507 010		9.530 682		0.469 318	9.976 328		254	
		22		25			2		
747	9.507 032		9.530 707		0.469 293	9.976 326		253	
		23		24			3		
748	9.507 055		9.530 731		0.469 269	9.976 323		252	
		22		25			2		
749	9.507 077		9.530 756		0.469 244	9.976 321		251	
		22		25			3		
.750	9.507 099		9.530 781		0.469 219	9.976 318		**.250**	
	cos	d	cotg	d	tang	sin	d	**71°**	P.P.

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71°.300 — 71°.250

18°.750 — 18°.800

18°	sin	d	tang	d	cotg	cos	d		P.P.
.750	9.507 099	23	9.530 781	25	0.469 219	9.976 318	3	.250	
751	9.507 122	22	9.530 806	25	0.469 194	9.976 315	2	249	
752	9.507 144	22	9.530 831	25	0.469 169	9.976 313	3	248	
753	9.507 166	23	9.530 856	25	0.469 144	9.976 310	2	247	
754	9.507 189	22	9.530 881	25	0.469 119	9.976 308	3	246	
755	9.507 211	22	9.530 906	25	0.469 094	9.976 305	3	245	
756	9.507 233	22	9.530 931	25	0.469 069	9.976 302	2	244	
757	9.507 255	23	9.530 956	24	0.469 044	9.976 300	3	243	
758	9.507 278	22	9.530 980	25	0.469 020	9.976 297	2	242	
759	9.507 300	22	9.531 005	25	0.468 995	9.976 295	3	241	
.760	9.507 322	23	9.531 030	25	0.468 970	9.976 292	2	.240	
761	9.507 345	22	9.531 055	25	0.468 945	9.976 290	3	239	
762	9.507 367	22	9.531 080	25	0.468 920	9.976 287	3	238	
763	9.507 389	23	9.531 105	25	0.468 895	9.976 284	2	237	
764	9.507 412	22	9.531 130	25	0.468 870	9.976 282	3	236	
765	9.507 434	22	9.531 155	25	0.468 845	9.976 279	2	235	
766	9.507 456	23	9.531 180	24	0.468 820	9.976 277	3	234	
767	9.507 479	22	9.531 204	25	0.468 796	9.976 274	2	233	
768	9.507 501	22	9.531 229	25	0.468 771	9.976 272	3	232	
769	9.507 523	23	9.531 254	25	0.468 746	9.976 269	3	231	
.770	9.507 546	22	9.531 279	25	0.468 721	9.976 266	2	.230	
771	9.507 568	22	9.531 304	25	0.468 696	9.976 264	3	229	
772	9.507 590	22	9.531 329	25	0.468 671	9.976 261	2	228	
773	9.507 612	23	9.531 354	25	0.468 646	9.976 259	3	227	
774	9.507 635	22	9.531 379	24	0.468 621	9.976 256	2	226	
775	9.507 657	22	9.531 403	25	0.468 597	9.976 254	3	225	
776	9.507 679	23	9.531 428	25	0.468 572	9.976 251	3	224	
777	9.507 702	22	9.531 453	25	0.468 547	9.976 248	2	223	
778	9.507 724	22	9.531 478	25	0.468 522	9.976 246	3	222	
779	9.507 746	23	9.531 503	25	0.468 497	9.976 243	2	221	
.780	9.507 769	22	9.531 528	25	0.468 472	9.976 241	3	.220	
781	9.507 791	22	9.531 553	25	0.468 447	9.976 238	2	219	
782	9.507 813	22	9.531 578	24	0.468 422	9.976 236	3	218	
783	9.507 835	23	9.531 602	25	0.468 398	9.976 233	3	217	
784	9.507 858	22	9.531 627	25	0.468 373	9.976 230	2	216	
785	9.507 880	22	9.531 652	25	0.468 348	9.976 228	3	215	
786	9.507 902	23	9.531 677	25	0.468 323	9.976 225	2	214	
787	9.507 925	22	9.531 702	25	0.468 298	9.976 223	3	213	
788	9.507 947	22	9.531 727	25	0.468 273	9.976 220	3	212	
789	9.507 969	22	9.531 752	24	0.468 248	9.976 217	2	211	
.790	9.507 991	23	9.531 776	25	0.468 224	9.976 215	3	.210	
791	9.508 014	22	9.531 801	25	0.468 199	9.976 212	2	209	
792	9.508 036	22	9.531 826	25	0.468 174	9.976 210	3	208	
793	9.508 058	22	9.531 851	25	0.468 149	9.976 207	2	207	
794	9.508 080	23	9.531 876	25	0.468 124	9.976 205	3	206	
795	9.508 103	22	9.531 901	25	0.468 099	9.976 202	3	205	
796	9.508 125	22	9.531 926	24	0.468 074	9.976 199	2	204	
797	9.508 147	23	9.531 950	25	0.468 050	9.976 197	3	203	
798	9.508 170	22	9.531 975	25	0.468 025	9.976 194	2	202	
799	9.508 192	22	9.532 000	25	0.468 000	9.976 192	3	201	
.800	9.508 214		9.532 025		0.467 975	9.976 189		.200	
	cos	d	cotg	d	tang	sin	d	71°	P.P.

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71°.250 — 71°.200

18°.800 — 18°.850

18°	sin	d	tang	d	cotg	cos	d		P.P.
.800	9.508 214	22	9.532 025	25	0.467 975	9.976 189	2	**.200**	
801	9.508 236	23	9.532 050	25	0.467 950	9.976 187	3	199	
802	9.508 259	22	9.532 075	25	0.467 925	9.976 184	3	198	
803	9.508 281	22	9.532 100	24	0.467 900	9.976 181	2	197	
804	9.508 303	22	9.532 124	25	0.467 876	9.976 179	3	196	
805	9.508 325	23	9.532 149	25	0.467 851	9.976 176	2	195	
806	9.508 348	22	9.532 174	25	0.467 826	9.976 174	3	194	
807	9.508 370	22	9.532 199	25	0.467 801	9.976 171	3	193	
808	9.508 392	22	9.532 224	25	0.467 776	9.976 168	2	192	
809	9.508 414	23	9.532 249	24	0.467 727	9.976 163	3	191	
.810	9.508 437	22	9.532 273	25	0.467 702	9.976 161	3	**.190**	
811	9.508 459	22	9.532 298	25	0.467 677	9.976 158	2	189	
812	9.508 481	22	9.532 323	25	0.467 652	9.976 156	3	188	
813	9.508 503	23	9.532 348	25	0.467 627	9.976 153	3	187	
814	9.508 526	22	9.532 373	25	0.467 602	9.976 150	2	186	
815	9.508 548	22	9.532 398	24	0.467 578	9.976 148	3	185	
816	9.508 570	22	9.532 422	25	0.467 553	9.976 145	2	184	
817	9.508 592	23	9.532 447	25	0.467 528	9.976 143	3	183	
818	9.508 615	22	9.532 472	25	0.467 503	9.976 140	3	182	
819	9.508 637	22	9.532 497	25	0.467 478	9.976 137	2	181	
.820	9.508 659	22	9.532 522	24	0.467 454	9.976 135	3	**.180**	
821	9.508 681	23	9.532 546	25	0.467 429	9.976 132	2	179	
822	9.508 704	22	9.532 571	25	0.467 404	9.976 130	3	178	
823	9.508 726	22	9.532 596	25	0.467 379	9.976 127	2	177	
824	9.508 748	22	9.532 621	25	0.467 354	9.976 125	3	176	
825	9.508 770	23	9.532 646	25	0.467 329	9.976 122	3	175	
826	9.508 793	22	9.532 671	24	0.467 305	9.976 119	2	174	
827	9.508 815	22	9.532 695	25	0.467 280	9.976 117	3	173	
828	9.508 837	22	9.532 720	25	0.467 255	9.976 114	2	172	
829	9.508 859	22	9.532 745	25	0.467 230	9.976 112	3	171	
.830	9.508 881	23	9.532 770	25	0.467 205	9.976 109	3	**.170**	
831	9.508 904	22	9.532 795	24	0.467 181	9.976 106	2	169	
832	9.508 926	22	9.532 819	25	0.467 156	9.976 104	3	168	
833	9.508 948	22	9.532 844	25	0.467 131	9.976 101	2	167	
834	9.508 970	23	9.532 869	25	0.467 106	9.976 099	3	166	
835	9.508 993	22	9.532 894	25	0.467 081	9.976 096	2	165	
836	9.509 015	22	9.532 919	24	0.467 056	9.976 094	3	164	
837	9.509 037	22	9.532 944	25	0.467 032	9.976 091	3	163	
838	9.509 059	22	9.532 968	25	0.467 007	9.976 088	2	162	
839	9.509 081	23	9.532 993	25	0.466 982	9.976 086	3	161	
.840	9.509 104	22	9.533 018	25	0.466 957	9.976 083	2	**.160**	
841	9.509 126	22	9.533 043	25	0.466 932	9.976 081	3	159	
842	9.509 148	22	9.533 068	24	0.466 908	9.976 078	3	158	
843	9.509 170	23	9.533 092	25	0.466 883	9.976 075	2	157	
844	9.509 193	22	9.533 117	25	0.466 858	9.976 073	3	156	
845	9.509 215	22	9.533 142	25	0.466 833	9.976 070	2	155	
846	9.509 237	22	9.533 167	25	0.466 808	9.976 068	3	154	
847	9.509 259	22	9.533 192	24	0.466 784	9.976 065	3	153	
848	9.509 281	23	9.533 216	25	0.466 759	9.976 062	2	152	
849	9.509 304	22	9.533 241	25	0.466 734	9.976 060		151	
.850	9.509 326		9.533 266					**.150**	
	cos	d	cotg	d	tang	sin	d	**71°**	P.P.

	25
1	2.5
2	5.0
3	7.5
4	10.0
5	12.5
6	15.0
7	17.5
8	20.0
9	22.5

	24
1	2.4
2	4.8
3	7.2
4	9.6
5	12.0
6	14.4
7	16.8
8	19.2
9	21.6

	23
1	2.3
2	4.6
3	6.9
4	9.2
5	11.5
6	13.8
7	16.1
8	18.4
9	20.7

	22
1	2.2
2	4.4
3	6.6
4	8.8
5	11.0
6	13.2
7	15.4
8	17.6
9	19.8

71°.200 — 71°.150

18°.850 — 18°.900

18°	sin	d	tang	d	cotg	cos	d		P.P.
.850	9.509 326	22	9.533 266	25	0.466 734	9.976 060	3	**.150**	
851	9.509 348	22	9.533 291	24	0.466 709	9.976 057	2	149	
852	9.509 370	22	9.533 315	25	0.466 685	9.976 055	3	148	
853	9.509 392	23	9.533 340	25	0.466 660	9.976 052	2	147	
854	9.509 415	22	9.533 365	25	0.466 635	9.976 050	3	146	
855	9.509 437	22	9.533 390	25	0.466 610	9.976 047	3	145	
856	9.509 459	22	9.533 415	24	0.466 585	9.976 044	2	144	
857	9.509 481	22	9.533 439	25	0.466 561	9.976 042	3	143	
858	9.509 503	23	9.533 464	25	0.466 536	9.976 039	2	142	
859	9.509 526	22	9.533 489	25	0.466 511	9.976 037	3	141	
.860	9.509 548	22	9.533 514	25	0.466 486	9.976 034	3	**.140**	
861	9.509 570	22	9.533 539	24	0.466 461	9.976 031	2	139	
862	9.509 592	22	9.533 563	25	0.466 437	9.976 029	3	138	
863	9.509 614	22	9.533 588	25	0.466 412	9.976 026	2	137	
864	9.509 636	23	9.533 613	25	0.466 387	9.976 024	3	136	
865	9.509 659	22	9.533 638	24	0.466 362	9.976 021	3	135	
866	9.509 681	22	9.533 662	25	0.466 338	9.976 018	2	134	
867	9.509 703	22	9.533 687	25	0.466 313	9.976 016	3	133	
868	9.509 725	22	9.533 712	25	0.466 288	9.976 013	2	132	
869	9.509 747	23	9.533 737	24	0.466 263	9.976 011	3	131	
.870	9.509 770	22	9.533 761	25	0.466 239	9.976 008	2	**.130**	
871	9.509 792	22	9.533 786	25	0.466 214	9.976 006	3	129	
872	9.509 814	22	9.533 811	25	0.466 189	9.976 003	3	128	
873	9.509 836	22	9.533 836	25	0.466 164	9.976 000	2	127	
874	9.509 858	22	9.533 861	24	0.466 139	9.975 998	3	126	
875	9.509 880	23	9.533 885	25	0.466 115	9.975 995	2	125	
876	9.509 903	22	9.533 910	25	0.466 090	9.975 993	3	124	
877	9.509 925	22	9.533 935	25	0.466 065	9.975 990	3	123	
878	9.509 947	22	9.533 960	24	0.466 040	9.975 987	2	122	
879	9.509 969	22	9.533 984	25	0.466 016	9.975 985	3	121	
.880	9.509 991	22	9.534 009	25	0.465 991	9.975 982	2	**.120**	
881	9.510 013	23	9.534 034	25	0.465 966	9.975 980	3	119	
882	9.510 036	22	9.534 059	24	0.465 941	9.975 977	3	118	
883	9.510 058	22	9.534 083	25	0.465 917	9.975 974	2	117	
884	9.510 080	22	9.534 108	25	0.465 892	9.975 972	3	116	
885	9.510 102	22	9.534 133	25	0.465 867	9.975 969	2	115	
886	9.510 124	22	9.534 158	24	0.465 842	9.975 967	3	114	
887	9.510 146	23	9.534 182	25	0.465 818	9.975 964	3	113	
888	9.510 169	22	9.534 207	25	0.465 793	9.975 961	2	112	
889	9.510 191	22	9.534 232	25	0.465 768	9.975 959	3	111	
.890	9.510 213	22	9.534 257	24	0.465 743	9.975 956	2	**.110**	
891	9.510 235	22	9.534 281	25	0.465 719	9.975 954	3	109	
892	9.510 257	22	9.534 306	25	0.465 694	9.975 951	3	108	
893	9.510 279	22	9.534 331	25	0.465 669	9.975 948	2	107	
894	9.510 301	23	9.534 356	24	0.465 644	9.975 946	3	106	
895	9.510 324	22	9.534 380	25	0.465 620	9.975 943	2	105	
896	9.510 346	22	9.534 405	25	0.465 595	9.975 941	3	104	
897	9.510 368	22	9.534 430	25	0.465 570	9.975 938	2	103	
898	9.510 390	22	9.534 455	24	0.465 545	9.975 936	3	102	
899	9.510 412	22	9.534 479	25	0.465 521	9.975 933	3	101	
.900	9.510 434		9.534 504		0.465 496	9.975 930		**.100**	
	cos	d	cotg	d	tang	sin	d	**71°**	P.P.

	25
1	2.5
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4	9.6
5	12.0
6	14.4
7	16.8
8	19.2
9	21.6

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2	4.6
3	6.9
4	9.2
5	11.5
6	13.8
7	16.1
8	18.4
9	20.7

	22
1	2.2
2	4.4
3	6.6
4	8.8
5	11.0
6	13.2
7	15.4
8	17.6
9	19.8

71°.150 — 71°.100

18°.900 — 18°.950

18°	sin	d	tang	d	cotg	cos	d		P.P.
.900	9.510 434	22	9.534 504	25	0.465 496	9.975 930	2	**.100**	
901	9.510 456	23	9.534 529	24	0.465 471	9.975 928	3	099	
902	9.510 479	22	9.534 553	25	0.465 447	9.975 925	2	098	
903	9.510 501	22	9.534 578	25	0.465 422	9.975 923	3	097	
904	9.510 523	22	9.534 603	25	0.465 397	9.975 920	3	096	25
905	9.510 545	22	9.534 628	24	0.465 372	9.975 917	2	095	1 2.5
906	9.510 567	22	9.534 652	25	0.465 348	9.975 915	3	094	2 5.0
907	9.510 589	22	9.534 677	25	0.465 323	9.975 912	2	093	3 7.5
908	9.510 611	23	9.534 702	25	0.465 298	9.975 910	3	092	4 10.0
909	9.510 634	22	9.534 727	24	0.465 273	9.975 907	3	091	5 12.5
.910	9.510 656	22	9.534 751	25	0.465 249	9.975 904	2	**.090**	6 15.0
911	9.510 678	22	9.534 776	25	0.465 224	9.975 902	3	089	7 17.5
912	9.510 700	22	9.534 801	24	0.465 199	9.975 899	2	088	8 20.0
913	9.510 722	22	9.534 825	25	0.465 175	9.975 897	3	087	9 22.5
914	9.510 744	22	9.534 850	25	0.465 150	9.975 894	3	086	
915	9.510 766	22	9.534 875	25	0.465 125	9.975 891	2	085	24
916	9.510 788	22	9.534 900	24	0.465 100	9.975 889	3	084	1 2.4
917	9.510 810	23	9.534 924	25	0.465 076	9.975 886	2	083	2 4.8
918	9.510 833	22	9.534 949	25	0.465 051	9.975 884	3	082	3 7.2
919	9.510 855	22	9.534 974	24	0.465 026	9.975 881	3	081	4 9.6
.920	9.510 877	22	9.534 998	25	0.465 002	9.975 878	2	**.080**	5 12.0
921	9.510 899	22	9.535 023	25	0.464 977	9.975 876	3	079	6 14.4
922	9.510 921	22	9.535 048	25	0.464 952	9.975 873	2	078	7 16.8
923	9.510 943	22	9.535 073	24	0.464 927	9.975 871	3	077	8 19.2
924	9.510 965	22	9.535 097	25	0.464 903	9.975 868	3	076	9 21.6
925	9.510 987	22	9.535 122	25	0.464 878	9.975 865	2	075	
926	9.511 009	23	9.535 147	24	0.464 853	9.975 863	3	074	23
927	9.511 032	22	9.535 171	25	0.464 829	9.975 860	2	073	1 2.3
928	9.511 054	22	9.535 196	25	0.464 804	9.975 858	3	072	2 4.6
929	9.511 076	22	9.535 221	25	0.464 779	9.975 855	3	071	3 6.9
.930	9.511 098	22	9.535 246	24	0.464 754	9.975 852	2	**.070**	4 9.2
931	9.511 120	22	9.535 270	25	0.464 730	9.975 850	3	069	5 11.5
932	9.511 142	22	9.535 295	25	0.464 705	9.975 847	2	068	6 13.8
933	9.511 164	22	9.535 320	24	0.464 680	9.975 845	3	067	7 16.1
934	9.511 186	22	9.535 344	25	0.464 656	9.975 842	3	066	8 18.4
935	9.511 208	22	9.535 369	25	0.464 631	9.975 839	2	065	9 20.7
936	9.511 230	23	9.535 394	24	0.464 606	9.975 837	3	064	
937	9.511 253	22	9.535 418	25	0.464 582	9.975 834	2	063	22
938	9.511 275	22	9.535 443	25	0.464 557	9.975 832	3	062	1 2.2
939	9.511 297	22	9.535 468	24	0.464 532	9.975 829	3	061	2 4.4
.940	9.511 319	22	9.535 492	25	0.464 508	9.975 826	2	**.060**	3 6.6
941	9.511 341	22	9.535 517	25	0.464 483	9.975 824	3	059	4 8.8
942	9.511 363	22	9.535 542	25	0.464 458	9.975 821	2	058	5 11.0
943	9.511 385	22	9.535 567	24	0.464 433	9.975 819	3	057	6 13.2
944	9.511 407	22	9.535 591	25	0.464 409	9.975 816	3	056	7 15.4
945	9.511 429	22	9.535 616	25	0.464 384	9.975 813	2	055	8 17.6
946	9.511 451	22	9.535 641	24	0.464 359	9.975 811	3	054	9 19.8
947	9.511 473	23	9.535 665	25	0.464 335	9.975 808	2	053	
948	9.511 496	22	9.535 690	25	0.464 310	9.975 806	3	052	
949	9.511 518	22	9.535 715	24	0.464 285	9.975 803	3	051	
.950	9.511 540		9.535 739		0.464 261	9.975 800		**.050**	
	cos	d	cotg	d	tang	sin	d	**71°**	P.P.

71°.100 — 71°.050

18°.950 — 19°.000

18°	sin	d	tang	d	cotg	cos	d		P.P.
.950	9.511 540	22	9.535 739	25	0.464 261	9.975 800	2	**.050**	
951	9.511 562	22	9.535 764	25	0.464 236	9.975 798	3	049	
952	9.511 584	22	9.535 789	24	0.464 211	9.975 795	2	048	
953	9.511 606	22	9.535 813	25	0.464 187	9.975 793	3	047	
954	9.511 628	22	9.535 838	25	0.464 162	9.975 790	3	046	
955	9.511 650	22	9.535 863	24	0.464 137	9.975 787	2	045	
956	9.511 672	22	9.535 887	25	0.464 113	9.975 785	3	044	
957	9.511 694	22	9.535 912	25	0.464 088	9.975 782	2	043	
958	9.511 716	22	9.535 937	24	0.464 063	9.975 780	3	042	
959	9.511 738	22	9.535 961	25	0.464 039	9.975 777	3	041	
.960	9.511 760	22	9.535 986	25	0.464 014	9.975 774	2	**.040**	
961	9.511 782	23	9.536 011	24	0.463 989	9.975 772	3	039	
962	9.511 805	22	9.536 035	25	0.463 965	9.975 769	2	038	
963	9.511 827	22	9.536 060	25	0.463 940	9.975 767	3	037	
964	9.511 849	22	9.536 085	24	0.463 915	9.975 764	3	036	
965	9.511 871	22	9.536 109	25	0.463 891	9.975 761	2	035	
966	9.511 893	22	9.536 134	25	0.463 866	9.975 759	3	034	
967	9.511 915	22	9.536 159	24	0.463 841	9.975 756	2	033	
968	9.511 937	22	9.536 183	25	0.463 817	9.975 754	3	032	
969	9.511 959	22	9.536 208	25	0.463 792	9.975 751	3	031	
.970	9.511 981	22	9.536 233	24	0.463 767	9.975 748	2	**.030**	
971	9.512 003	22	9.536 257	25	0.463 743	9.975 746	3	029	
972	9.512 025	22	9.536 282	25	0.463 718	9.975 743	3	028	
973	9.512 047	22	9.536 307	24	0.463 693	9.975 740	2	027	
974	9.512 069	22	9.536 331	25	0.463 669	9.975 738	3	026	
975	9.512 091	22	9.536 356	25	0.463 644	9.975 735	2	025	
976	9.512 113	22	9.536 381	24	0.463 619	9.975 733	3	024	
977	9.512 135	22	9.536 405	25	0.463 595	9.975 730	3	023	
978	9.512 157	22	9.536 430	25	0.463 570	9.975 727	2	022	
979	9.512 179	22	9.536 455	24	0.463 545	9.975 725	3	021	
.980	9.512 201	22	9.536 479	25	0.463 521	9.975 722	2	**.020**	
981	9.512 223	22	9.536 504	24	0.463 496	9.975 720	3	019	
982	9.512 245	23	9.536 528	25	0.463 472	9.975 717	3	018	
983	9.512 268	22	9.536 553	25	0.463 447	9.975 714	2	017	
984	9.512 290	22	9.536 578	24	0.463 422	9.975 712	3	016	
985	9.512 312	22	9.536 602	25	0.463 398	9.975 709	2	015	
986	9.512 334	22	9.536 627	25	0.463 373	9.975 707	3	014	
987	9.512 356	22	9.536 652	24	0.463 348	9.975 704	3	013	
988	9.512 378	22	9.536 676	25	0.463 324	9.975 701	2	012	
989	9.512 400	22	9.536 701	25	0.463 299	9.975 699	3	011	
.990	9.512 422	22	9.536 726	24	0.463 274	9.975 696	2	**.010**	
991	9.512 444	22	9.536 750	25	0.463 250	9.975 694	3	009	
992	9.512 466	22	9.536 775	24	0.463 225	9.975 691	3	008	
993	9.512 488	22	9.536 799	25	0.463 201	9.975 688	2	007	
994	9.512 510	22	9.536 824	25	0.463 176	9.975 686	3	006	
995	9.512 532	22	9.536 849	24	0.463 151	9.975 683	2	005	
996	9.512 554	22	9.536 873	25	0.463 127	9.975 681	3	004	
997	9.512 576	22	9.536 898	25	0.463 102	9.975 678	3	003	
998	9.512 598	22	9.536 923	24	0.463 077	9.975 675	2	002	
999	9.512 620	22	9.536 947	25	0.463 053	9.975 673	3	001	
*000	9.512 642		9.536 972		0.463 028	9.975 670		**.000**	
	cos	d	cotg	d	tang	sin	d	**71°**	P.P.

	25
1	2.5
2	5.0
3	7.5
4	10.0
5	12.5
6	15.0
7	17.5
8	20.0
9	22.5

	24
1	2.4
2	4.8
3	7.2
4	9.6
5	12.0
6	14.4
7	16.8
8	19.2
9	21.6

	23
1	2.3
2	4.6
3	6.9
4	9.2
5	11.5
6	13.8
7	16.1
8	18.4
9	20.7

	22
1	2.2
2	4.4
3	6.6
4	8.8
5	11.0
6	13.2
7	15.4
8	17.6
9	19.8

71°.050 — 71°.000

19°.000 — 19°.050

19°	sin	d	tang	d	cotg	cos	d		P.P.
.000	9.512 642	22	9.536 972	24	0.463 028	9.975 670	3	***000**	
001	9.512 664	22	9.536 996	25	0.463 004	9.975 667	2	999	
002	9.512 686	22	9.537 021	25	0.462 979	9.975 665	3	998	
003	9.512 708	22	9.537 046	24	0.462 954	9.975 662	2	997	
004	9.512 730	22	9.537 070	25	0.462 930	9.975 660	3	996	
005	9.512 752	22	9.537 095	25	0.462 905	9.975 657	3	995	
006	9.512 774	22	9.537 120	24	0.462 880	9.975 654	2	994	
007	9.512 796	22	9.537 144	25	0.462 856	9.975 652	3	993	
008	9.512 818	22	9.537 169	24	0.462 831	9.975 649	2	992	
009	9.512 840	22	9.537 193	25	0.462 807	9.975 647	3	991	
.010	9.512 862	22	9.537 218	25	0.462 782	9.975 644	3	**.990**	
011	9.512 884	22	9.537 243	24	0.462 757	9.975 641	2	989	
012	9.512 906	22	9.537 267	25	0.462 733	9.975 639	3	988	
013	9.512 928	22	9.537 292	24	0.462 708	9.975 636	2	987	
014	9.512 950	22	9.537 316	25	0.462 684	9.975 634	3	986	
015	9.512 972	22	9.537 341	25	0.462 659	9.975 631	3	985	
016	9.512 994	22	9.537 366	24	0.462 634	9.975 628	2	984	
017	9.513 016	22	9.537 390	25	0.462 610	9.975 626	3	983	
018	9.513 038	22	9.537 415	25	0.462 585	9.975 623	3	982	
019	9.513 060	22	9.537 440	24	0.462 560	9.975 620	2	981	
.020	9.513 082	22	9.537 464	25	0.462 536	9.975 618	3	**.980**	
021	9.513 104	22	9.537 489	24	0.462 511	9.975 615	2	979	
022	9.513 126	22	9.537 513	25	0.462 487	9.975 613	3	978	
023	9.513 148	22	9.537 538	24	0.462 462	9.975 610	3	977	
024	9.513 170	22	9.537 562	25	0.462 438	9.975 607	2	976	
025	9.513 192	22	9.537 587	25	0.462 413	9.975 605	3	975	
026	9.513 214	22	9.537 612	24	0.462 388	9.975 602	2	974	
027	9.513 236	22	9.537 636	25	0.462 364	9.975 600	3	973	
028	9.513 258	22	9.537 661	24	0.462 339	9.975 597	3	972	
029	9.513 280	22	9.537 685	25	0.462 315	9.975 594	2	971	
.030	9.513 302	22	9.537 710	25	0.462 290	9.975 592	3	**.970**	
031	9.513 324	22	9.537 735	24	0.462 265	9.975 589	3	969	
032	9.513 346	22	9.537 759	25	0.462 241	9.975 586	2	968	
033	9.513 368	22	9.537 784	24	0.462 216	9.975 584	3	967	
034	9.513 390	22	9.537 808	25	0.462 192	9.975 581	2	966	
035	9.513 412	22	9.537 833	25	0.462 167	9.975 579	3	965	
036	9.513 434	22	9.537 858	24	0.462 142	9.975 576	3	964	
037	9.513 456	22	9.537 882	25	0.462 118	9.975 573	2	963	
038	9.513 478	21	9.537 907	24	0.462 093	9.975 571	3	962	
039	9.513 499	22	9.537 931	25	0.462 069	9.975 568	2	961	
.040	9.513 521	22	9.537 956	24	0.462 044	9.975 566	3	**.960**	
041	9.513 543	22	9.537 980	25	0.462 020	9.975 563	3	959	
042	9.513 565	22	9.538 005	25	0.461 995	9.975 560	2	958	
043	9.513 587	22	9.538 030	24	0.461 970	9.975 558	3	957	
044	9.513 609	22	9.538 054	25	0.461 946	9.975 555	3	956	
045	9.513 631	22	9.538 079	24	0.461 921	9.975 552	2	955	
046	9.513 653	22	9.538 103	25	0.461 897	9.975 550	3	954	
047	9.513 675	22	9.538 128	25	0.461 872	9.975 547	2	953	
048	9.513 697	22	9.538 153	24	0.461 847	9.975 545	3	952	
049	9.513 719	22	9.538 177	25	0.461 823	9.975 542	3	951	
.050	9.513 741		9.538 202		0.461 798	9.975 539		**.950**	
	cos	d	cotg	d	tang	sin	d	**70°**	P.P.

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9	22.5

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6	14.4
7	16.8
8	19.2
9	21.6

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4	8.8
5	11.0
6	13.2
7	15.4
8	17.6
9	19.8

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7	14.7
8	16.8
9	18.9

71°.000 — 70°.950

19°.050 — 19°.100

19°	sin	d	tang	d	cotg	cos	d		P.P.
.050	9.513 741	22	9.538 202	24	0.461 798	9.975 539	2	.950	
051	9.513 763	22	9.538 226	25	0.461 774	9.975 537	3	949	
052	9.513 785	22	9.538 251	24	0.461 749	9.975 534	2	948	
053	9.513 807	22	9.538 275	25	0.461 725	9.975 532	3	947	
054	9.513 829	22	9.538 300	24	0.461 700	9.975 529	3	946	
055	9.513 851	22	9.538 324	25	0.461 676	9.975 526	2	945	
056	9.513 873	22	9.538 349	25	0.461 651	9.975 524	3	944	
057	9.513 895	22	9.538 374	24	0.461 626	9.975 521	3	943	
058	9.513 917	22	9.538 398	25	0.461 602	9.975 518	2	942	
059	9.513 939	21	9.538 423	24	0.461 577	9.975 516	3	941	
.060	9.513 960	22	9.538 447	25	0.461 553	9.975 513	2	.940	
061	9.513 982	22	9.538 472	24	0.461 528	9.975 511	3	939	
062	9.514 004	22	9.538 496	25	0.461 504	9.975 508	3	938	
063	9.514 026	22	9.538 521	25	0.461 479	9.975 505	2	937	
064	9.514 048	22	9.538 546	24	0.461 454	9.975 503	3	936	
065	9.514 070	22	9.538 570	25	0.461 430	9.975 500	3	935	
066	9.514 092	22	9.538 595	24	0.461 405	9.975 497	2	934	
067	9.514 114	22	9.538 619	25	0.461 381	9.975 495	3	933	
068	9.514 136	22	9.538 644	24	0.461 356	9.975 492	2	932	
069	9.514 158	22	9.538 668	25	0.461 332	9.975 490	3	931	
.070	9.514 180	22	9.538 693	24	0.461 307	9.975 487	3	.930	
071	9.514 202	22	9.538 717	25	0.461 283	9.975 484	2	929	
072	9.514 224	22	9.538 742	24	0.461 258	9.975 482	3	928	
073	9.514 246	22	9.538 766	25	0.461 234	9.975 479	2	927	
074	9.514 268	21	9.538 791	25	0.461 209	9.975 477	3	926	
075	9.514 289	22	9.538 816	24	0.461 184	9.975 474	3	925	
076	9.514 311	22	9.538 840	25	0.461 160	9.975 471	2	924	
077	9.514 333	22	9.538 865	24	0.461 135	9.975 469	3	923	
078	9.514 355	22	9.538 889	25	0.461 111	9.975 466	3	922	
079	9.514 377	22	9.538 914	24	0.461 086	9.975 463	2	921	
.080	9.514 399	22	9.538 938	25	0.461 062	9.975 461	3	.920	
081	9.514 421	22	9.538 963	24	0.461 037	9.975 458	2	919	
082	9.514 443	22	9.538 987	25	0.461 013	9.975 456	3	918	
083	9.514 465	22	9.539 012	24	0.460 988	9.975 453	3	917	
084	9.514 487	22	9.539 036	25	0.460 964	9.975 450	2	916	
085	9.514 509	21	9.539 061	24	0.460 939	9.975 448	3	915	
086	9.514 530	22	9.539 085	25	0.460 915	9.975 445	3	914	
087	9.514 552	22	9.539 110	24	0.460 890	9.975 442	2	913	
088	9.514 574	22	9.539 134	25	0.460 866	9.975 440	3	912	
089	9.514 596	22	9.539 159	25	0.460 841	9.975 437	2	911	
.090	9.514 618	22	9.539 184	24	0.460 816	9.975 435	3	.910	
091	9.514 640	22	9.539 208	25	0.460 792	9.975 432	3	909	
092	9.514 662	22	9.539 233	24	0.460 767	9.975 429	2	908	
093	9.514 684	22	9.539 257	25	0.460 743	9.975 427	3	907	
094	9.514 706	22	9.539 282	24	0.460 718	9.975 424	3	906	
095	9.514 728	21	9.539 306	25	0.460 694	9.975 421	2	905	
096	9.514 749	22	9.539 331	24	0.460 669	9.975 419	3	904	
097	9.514 771	22	9.539 355	25	0.460 645	9.975 416	2	903	
098	9.514 793	22	9.539 380	24	0.460 620	9.975 414	3	902	
099	9.514 815	22	9.539 404	25	0.460 596	9.975 411	3	901	
.100	9.514 837		9.539 429		0.460 571	9.975 408		.900	
	cos	d	cotg	d	tang	sin	d	70°	P.P.

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5	12.5
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7	17.5
8	20.0
9	22.5

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4	9.6
5	12.0
6	14.4
7	16.8
8	19.2
9	21.6

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4	8.8
5	11.0
6	13.2
7	15.4
8	17.6
9	19.8

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3	6.3
4	8.4
5	10.5
6	12.6
7	14.7
8	16.8
9	18.9

70°.950 — 70°.900

19°.100 — 19°.150

19°	sin	d	tang	d	cotg	cos	d		P.P.
.100	9.514 837	22	9.539 429	24	0.460 571	9.975 408	2	**.900**	
101	9.514 859	22	9.539 453	25	0.460 547	9.975 406	3	899	
102	9.514 881	22	9.539 478	24	0.460 522	9.975 403	3	898	
103	9.514 903	22	9.539 502	25	0.460 498	9.975 400	2	897	
104	9.514 925	21	9.539 527	24	0.460 473	9.975 398	3	896	
105	9.514 946	22	9.539 551	25	0.460 449	9.975 395	2	895	
106	9.514 968	22	9.539 576	24	0.460 424	9.975 393	3	894	
107	9.514 990	22	9.539 600	25	0.460 400	9.975 390	3	893	
108	9.515 012	22	9.539 625	24	0.460 375	9.975 387	2	892	
109	9.515 034	22	9.539 649	25	0.460 351	9.975 385	3	891	
.110	9.515 056	22	9.539 674	24	0.460 326	9.975 382	3	**.890**	
111	9.515 078	22	9.539 698	25	0.460 302	9.975 379	2	889	
112	9.515 100	22	9.539 723	24	0.460 277	9.975 377	3	888	
113	9.515 122	21	9.539 747	25	0.460 253	9.975 374	2	887	
114	9.515 143	22	9.539 772	24	0.460 228	9.975 372	3	886	
115	9.515 165	22	9.539 796	25	0.460 204	9.975 369	3	885	
116	9.515 187	22	9.539 821	24	0.460 179	9.975 366	2	884	
117	9.515 209	22	9.539 845	25	0.460 155	9.975 364	3	883	
118	9.515 231	22	9.539 870	24	0.460 130	9.975 361	3	882	
119	9.515 253	22	9.539 894	25	0.460 106	9.975 358	2	881	
.120	9.515 275	21	9.539 919	24	0.460 081	9.975 356	3	**.880**	
121	9.515 296	22	9.539 943	25	0.460 057	9.975 353	2	879	
122	9.515 318	22	9.539 968	24	0.460 032	9.975 351	3	878	
123	9.515 340	22	9.539 992	25	0.460 008	9.975 348	3	877	
124	9.515 362	22	9.540 017	24	0.459 983	9.975 345	2	876	
125	9.515 384	22	9.540 041	25	0.459 959	9.975 343	3	875	
126	9.515 406	22	9.540 066	24	0.459 934	9.975 340	3	874	
127	9.515 428	21	9.540 090	25	0.459 910	9.975 337	2	873	
128	9.515 449	22	9.540 115	24	0.459 885	9.975 335	3	872	
129	9.515 471	22	9.540 139	25	0.459 861	9.975 332	2	871	
.130	9.515 493	22	9.540 164	24	0.459 836	9.975 330	3	**.870**	
131	9.515 515	22	9.540 188	25	0.459 812	9.975 327	3	869	
132	9.515 537	22	9.540 213	24	0.459 787	9.975 324	2	868	
133	9.515 559	22	9.540 237	25	0.459 763	9.975 322	3	867	
134	9.515 581	21	9.540 262	24	0.459 738	9.975 319	3	866	
135	9.515 602	22	9.540 286	25	0.459 714	9.975 316	2	865	
136	9.515 624	22	9.540 311	24	0.459 689	9.975 314	3	864	
137	9.515 646	22	9.540 335	24	0.459 665	9.975 311	3	863	
138	9.515 668	22	9.540 359	25	0.459 641	9.975 308	2	862	
139	9.515 690	22	9.540 384	24	0.459 616	9.975 306	3	861	
.140	9.515 712	21	9.540 408	25	0.459 592	9.975 303	2	**.860**	
141	9.515 733	22	9.540 433	24	0.459 567	9.975 301	3	859	
142	9.515 755	22	9.540 457	25	0.459 543	9.975 298	3	858	
143	9.515 777	22	9.540 482	24	0.459 518	9.975 295	2	857	
144	9.515 799	22	9.540 506	25	0.459 494	9.975 293	3	856	
145	9.515 821	22	9.540 531	24	0.459 469	9.975 290	3	855	
146	9.515 843	21	9.540 555	25	0.459 445	9.975 287	2	854	
147	9.515 864	22	9.540 580	24	0.459 420	9.975 285	3	853	
148	9.515 886	22	9.540 604	25	0.459 396	9.975 282	2	852	
149	9.515 908	22	9.540 629	24	0.459 371	9.975 280	3	851	
.150	9.515 930		9.540 653		0.459 347	9.975 277		**.850**	
	cos	d	cotg	d	tang	sin	d	**70°**	P.P.

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1	2.5
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6	14.4
7	16.8
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9	21.6

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4	8.8
5	11.0
6	13.2
7	15.4
8	17.6
9	19.8

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7	14.7
8	16.8
9	18.9

70°.900 — 70°.850

19°.150 — 19°.200

19°	sin	d	tang	d	cotg	cos	d		P.P.
.150	9.515 930	22	9.540 653	25	0.459 347	9.975 277	3	.850	
151	9.515 952	22	9.540 678	24	0.459 322	9.975 274	2	849	
152	9.515 974	21	9.540 702	24	0.459 298	9.975 272	3	848	
153	9.515 995	22	9.540 726	25	0.459 274	9.975 269	3	847	
154	9.516 017	22	9.540 751	24	0.459 249	9.975 266	2	846	25
155	9.516 039	22	9.540 775	25	0.459 225	9.975 264	3	845	1 2.5
156	9.516 061	22	9.540 800	24	0.459 200	9.975 261	3	844	2 5.0
157	9.516 083	22	9.540 824	25	0.459 176	9.975 258	2	843	3 7.5
158	9.516 105	21	9.540 849	24	0.459 151	9.975 256	3	842	4 10.0
159	9.516 126	22	9.540 873	25	0.459 127	9.975 253	2	841	5 12.5
.160	9.516 148	22	9.540 898	24	0.459 102	9.975 251	3	.840	6 15.0
161	9.516 170	22	9.540 922	25	0.459 078	9.975 248	3	839	7 17.5
162	9.516 192	22	9.540 947	24	0.459 053	9.975 245	2	838	8 20.0
163	9.516 214	21	9.540 971	24	0.459 029	9.975 243	3	837	9 22.5
164	9.516 235	22	9.540 995	25	0.459 005	9.975 240	3	836	
165	9.516 257	22	9.541 020	24	0.458 980	9.975 237	2	835	24
166	9.516 279	22	9.541 044	25	0.458 956	9.975 235	3	834	1 2.4
167	9.516 301	22	9.541 069	24	0.458 931	9.975 232	2	833	2 4.8
168	9.516 323	21	9.541 093	25	0.458 907	9.975 230	3	832	3 7.2
169	9.516 344	22	9.541 118	24	0.458 882	9.975 227	3	831	4 9.6
.170	9.516 366	22	9.541 142	24	0.458 858	9.975 224	2	.830	5 12.0
171	9.516 388	22	9.541 166	25	0.458 834	9.975 222	3	829	6 14.4
172	9.516 410	22	9.541 191	24	0.458 809	9.975 219	3	828	7 16.8
173	9.516 432	21	9.541 215	25	0.458 785	9.975 216	2	827	8 19.2
174	9.516 453	22	9.541 240	24	0.458 760	9.975 214	3	826	9 21.6
175	9.516 475	22	9.541 264	25	0.458 736	9.975 211	3	825	
176	9.516 497	22	9.541 289	24	0.458 711	9.975 208	2	824	
177	9.516 519	22	9.541 313	25	0.458 687	9.975 206	3	823	22
178	9.516 541	21	9.541 338	24	0.458 662	9.975 203	2	822	1 2.2
179	9.516 562	22	9.541 362	24	0.458 638	9.975 201	3	821	2 4.4
.180	9.516 584	22	9.541 386	25	0.458 614	9.975 198	3	.820	3 6.6
181	9.516 606	22	9.541 411	24	0.458 589	9.975 195	2	819	4 8.8
182	9.516 628	22	9.541 435	25	0.458 565	9.975 193	3	818	5 11.0
183	9.516 650	21	9.541 460	24	0.458 540	9.975 190	3	817	6 13.2
184	9.516 671	22	9.541 484	25	0.458 516	9.975 187	2	816	7 15.4
185	9.516 693	22	9.541 509	24	0.458 491	9.975 185	3	815	8 17.6
186	9.516 715	22	9.541 533	24	0.458 467	9.975 182	3	814	9 19.8
187	9.516 737	22	9.541 557	25	0.458 443	9.975 179	2	813	
188	9.516 759	21	9.541 582	24	0.458 418	9.975 177	3	812	
189	9.516 780	22	9.541 606	25	0.458 394	9.975 174	2	811	21
.190	9.516 802	22	9.541 631	24	0.458 369	9.975 172	3	.810	1 2.1
191	9.516 824	22	9.541 655	24	0.458 345	9.975 169	3	809	2 4.2
192	9.516 846	21	9.541 679	25	0.458 321	9.975 166	2	808	3 6.3
193	9.516 867	22	9.541 704	24	0.458 296	9.975 164	3	807	4 8.4
194	9.516 889	22	9.541 728	25	0.458 272	9.975 161	3	806	5 10.5
195	9.516 911	22	9.541 753	24	0.458 247	9.975 158	2	805	6 12.6
196	9.516 933	22	9.541 777	24	0.458 223	9.975 156	3	804	7 14.7
197	9.516 955	21	9.541 801	25	0.458 199	9.975 153	3	803	8 16.8
198	9.516 976	22	9.541 826	24	0.458 174	9.975 150	2	802	9 18.9
199	9.516 998	22	9.541 850	25	0.458 150	9.975 148	3	801	
.200	9.517 020		9.541 875		0.458 125	9.975 145		.800	
	cos	d	cotg	d	tang	sin	d	70°	P.P.

70°.850 — 70°.800

19°.200 — 19°.250

19°	sin	d	tang	d	cotg	cos	d		P.P.
.200	9.517 020	22	9.541 875	24	0.458 125	9.975 145	3	.800	
201	9.517 042	21	9.541 899	25	0.458 101	9.975 142	2	799	
202	9.517 063	22	9.541 924	24	0.458 076	9.975 140	3	798	
203	9.517 085	22	9.541 948	24	0.458 052	9.975 137	2	797	
204	9.517 107	22	9.541 972	25	0.458 028	9.975 135	3	796	
205	9.517 129	21	9.541 997	24	0.458 003	9.975 132	3	795	
206	9.517 150	22	9.542 021	25	0.457 979	9.975 129	2	794	
207	9.517 172	22	9.542 046	24	0.457 954	9.975 127	3	793	
208	9.517 194	22	9.542 070	24	0.457 930	9.975 124	3	792	
209	9.517 216	21	9.542 094	25	0.457 906	9.975 121	2	791	
.210	9.517 237	22	9.542 119	24	0.457 881	9.975 119	3	.790	
211	9.517 259	22	9.542 143	25	0.457 857	9.975 116	3	789	
212	9.517 281	22	9.542 168	24	0.457 832	9.975 113	2	788	
213	9.517 303	21	9.542 192	24	0.457 808	9.975 111	3	787	
214	9.517 324	22	9.542 216	25	0.457 784	9.975 108	2	786	
215	9.517 346	22	9.542 241	24	0.457 759	9.975 106	3	785	
216	9.517 368	22	9.542 265	24	0.457 735	9.975 103	3	784	
217	9.517 390	21	9.542 289	25	0.457 711	9.975 100	2	783	
218	9.517 411	22	9.542 314	24	0.457 686	9.975 098	3	782	
219	9.517 433	22	9.542 338	25	0.457 662	9.975 095	3	781	
.220	9.517 455	22	9.542 363	24	0.457 637	9.975 092	2	.780	
221	9.517 477	21	9.542 387	24	0.457 613	9.975 090	3	779	
222	9.517 498	22	9.542 411	25	0.457 589	9.975 087	3	778	
223	9.517 520	22	9.542 436	24	0.457 564	9.975 084	2	777	
224	9.517 542	22	9.542 460	25	0.457 540	9.975 082	3	776	
225	9.517 564	21	9.542 485	24	0.457 515	9.975 079	3	775	
226	9.517 585	22	9.542 509	24	0.457 491	9.975 076	2	774	
227	9.517 607	22	9.542 533	25	0.457 467	9.975 074	3	773	
228	9.517 629	22	9.542 558	24	0.457 442	9.975 071	2	772	
229	9.517 651	21	9.542 582	24	0.457 418	9.975 069	3	771	
.230	9.517 672	22	9.542 606	25	0.457 394	9.975 066	3	.770	
231	9.517 694	22	9.542 631	24	0.457 369	9.975 063	2	769	
232	9.517 716	21	9.542 655	25	0.457 345	9.975 061	3	768	
233	9.517 737	22	9.542 680	24	0.457 320	9.975 058	3	767	
234	9.517 759	22	9.542 704	24	0.457 296	9.975 055	2	766	
235	9.517 781	22	9.542 728	25	0.457 272	9.975 053	3	765	
236	9.517 803	21	9.542 753	24	0.457 247	9.975 050	3	764	
237	9.517 824	22	9.542 777	24	0.457 223	9.975 047	2	763	
238	9.517 846	22	9.542 801	25	0.457 199	9.975 045	3	762	
239	9.517 868	22	9.542 826	24	0.457 174	9.975 042	3	761	
.240	9.517 890	21	9.542 850	24	0.457 150	9.975 039	2	.760	
241	9.517 911	22	9.542 874	25	0.457 126	9.975 037	3	759	
242	9.517 933	22	9.542 899	24	0.457 101	9.975 034	3	758	
243	9.517 955	21	9.542 923	25	0.457 077	9.975 031	2	757	
244	9.517 976	22	9.542 948	24	0.457 052	9.975 029	3	756	
245	9.517 998	22	9.542 972	24	0.457 028	9.975 026	2	755	
246	9.518 020	22	9.542 996	25	0.457 004	9.975 024	3	754	
247	9.518 042	21	9.543 021	24	0.456 979	9.975 021	3	753	
248	9.518 063	22	9.543 045	24	0.456 955	9.975 018	2	752	
249	9.518 085	22	9.543 069	25	0.456 931	9.975 016	3	751	
.250	9.518 107		9.543 094		0.456 906	9.975 013		.750	
	cos	d	cotg	d	tang	sin	d	70°	P.P.

	25
1	2.5
2	5.0
3	7.5
4	10.0
5	12.5
6	15.0
7	17.5
8	20.0
9	22.5

	24
1	2.4
2	4.8
3	7.2
4	9.6
5	12.0
6	14.4
7	16.8
8	19.2
9	21.6

	22
1	2.2
2	4.4
3	6.6
4	8.8
5	11.0
6	13.2
7	15.4
8	17.6
9	19.8

	21
1	2.1
2	4.2
3	6.3
4	8.4
5	10.5
6	12.6
7	14.7
8	16.8
9	18.9

70°.800 — 70°.750

19°.250 — 19°.300

19°	sin	d	tang	d	cotg	cos	d		P.P.
.250	9.518 107	21	9.543 094	24	0.456 906	9.975 013	3	**.750**	
251	9.518 128	22	9.543 118	24	0.456 882	9.975 010	2	749	
252	9.518 150	22	9.543 142	25	0.456 858	9.975 008	3	748	
253	9.518 172	21	9.543 167	24	0.456 833	9.975 005	3	747	
254	9.518 193	22	9.543 191	24	0.456 809	9.975 002	2	746	
255	9.518 215	22	9.543 215	25	0.456 785	9.975 000	3	745	
256	9.518 237	22	9.543 240	24	0.456 760	9.974 997	3	744	
257	9.518 259	21	9.543 264	24	0.456 736	9.974 994	2	743	
258	9.518 280	22	9.543 288	25	0.456 712	9.974 992	3	742	
259	9.518 302	22	9.543 313	24	0.456 687	9.974 989	3	741	
.260	9.518 324	21	9.543 337	24	0.456 663	9.974 986	2	**.740**	
261	9.518 345	22	9.543 361	25	0.456 639	9.974 984	3	739	
262	9.518 367	22	9.543 386	24	0.456 614	9.974 981	2	738	
263	9.518 389	21	9.543 410	25	0.456 590	9.974 979	3	737	
264	9.518 410	22	9.543 435	24	0.456 565	9.974 976	3	736	
265	9.518 432	22	9.543 459	24	0.456 541	9.974 973	2	735	
266	9.518 454	21	9.543 483	25	0.456 517	9.974 971	3	734	
267	9.518 475	22	9.543 508	24	0.456 492	9.974 968	3	733	
268	9.518 497	22	9.543 532	24	0.456 468	9.974 965	2	732	
269	9.518 519	21	9.543 556	25	0.456 444	9.974 963	3	731	
.270	9.518 540	22	9.543 581	24	0.456 419	9.974 960	3	**.730**	
271	9.518 562	22	9.543 605	24	0.456 395	9.974 957	2	729	
272	9.518 584	22	9.543 629	25	0.456 371	9.974 955	3	728	
273	9.518 606	21	9.543 654	24	0.456 346	9.974 952	3	727	
274	9.518 627	22	9.543 678	24	0.456 322	9.974 949	2	726	
275	9.518 649	22	9.543 702	24	0.456 298	9.974 947	3	725	
276	9.518 671	21	9.543 726	25	0.456 274	9.974 944	3	724	
277	9.518 692	22	9.543 751	24	0.456 249	9.974 941	2	723	
278	9.518 714	22	9.543 775	24	0.456 225	9.974 939	3	722	
279	9.518 736	21	9.543 799	25	0.456 201	9.974 936	3	721	
.280	9.518 757	22	9.543 824	24	0.456 176	9.974 933	2	**.720**	
281	9.518 779	22	9.543 848	24	0.456 152	9.974 931	3	719	
282	9.518 801	21	9.543 872	25	0.456 128	9.974 928	2	718	
283	9.518 822	22	9.543 897	24	0.456 103	9.974 926	3	717	
284	9.518 844	22	9.543 921	24	0.456 079	9.974 923	3	716	
285	9.518 866	21	9.543 945	25	0.456 055	9.974 920	2	715	
286	9.518 887	22	9.543 970	24	0.456 030	9.974 918	3	714	
287	9.518 909	22	9.543 994	24	0.456 006	9.974 915	3	713	
288	9.518 931	21	9.544 018	25	0.455 982	9.974 912	2	712	
289	9.518 952	22	9.544 043	24	0.455 957	9.974 910	3	711	
.290	9.518 974	22	9.544 067	24	0.455 933	9.974 907	3	**.710**	
291	9.518 996	21	9.544 091	25	0.455 909	9.974 904	2	709	
292	9.519 017	22	9.544 116	24	0.455 884	9.974 902	3	708	
293	9.519 039	21	9.544 140	24	0.455 860	9.974 899	3	707	
294	9.519 060	22	9.544 164	24	0.455 836	9.974 896	2	706	
295	9.519 082	22	9.544 188	25	0.455 812	9.974 894	3	705	
296	9.519 104	21	9.544 213	24	0.455 787	9.974 891	3	704	
297	9.519 125	22	9.544 237	24	0.455 763	9.974 888	2	703	
298	9.519 147	22	9.544 261	25	0.455 739	9.974 886	3	702	
299	9.519 169	21	9.544 286	24	0.455 714	9.974 883	3	701	
.300	9.519 190		9.544 310		0.455 690	9.974 880		**.700**	
	cos	d	cotg	d	tang	sin	d	**70°**	P.P.

	25
1	2.5
2	5.0
3	7.5
4	10.0
5	12.5
6	15.0
7	17.5
8	20.0
9	22.5

	24
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2	4.8
3	7.2
4	9.6
5	12.0
6	14.4
7	16.8
8	19.2
9	21.6

	22
1	2.2
2	4.4
3	6.6
4	8.8
5	11.0
6	13.2
7	15.4
8	17.6
9	19.8

	21
1	2.1
2	4.2
3	6.3
4	8.4
5	10.5
6	12.6
7	14.7
8	16.8
9	18.9

70°.750 — 70°.700

19°.300 — 19°.350

19°	sin	d	tang	d	cotg	cos	d		P.P.
.300	9.519 190	22	9.544 310	24	0.455 690	9.974 880	2	**.700**	
301	9.519 212	22	9.544 334	25	0.455 666	9.974 878	3	699	
302	9.519 234	21	9.544 359	24	0.455 641	9.974 875	3	698	
303	9.519 255	22	9.544 383	24	0.455 617	9.974 872	2	697	
304	9.519 277	22	9.544 407	24	0.455 593	9.974 870	3	696	25
305	9.519 299	21	9.544 431	25	0.455 569	9.974 867	3	695	1 2.5
306	9.519 320	22	9.544 456	24	0.455 544	9.974 864	2	694	2 5.0
307	9.519 342	21	9.544 480	24	0.455 520	9.974 862	3	693	3 7.5
308	9.519 363	22	9.544 504	25	0.455 496	9.974 859	2	692	4 10.0
309	9.519 385	22	9.544 529	24	0.455 471	9.974 857	3	691	5 12.5
.310	9.519 407	21	9.544 553	24	0.455 447	9.974 854	3	**.690**	6 15.0
311	9.519 428	22	9.544 577	24	0.455 423	9.974 851	2	689	7 17.5
312	9.519 450	22	9.544 601	25	0.455 399	9.974 849	3	688	8 20.0
313	9.519 472	21	9.544 626	24	0.455 374	9.974 846	3	687	9 22.5
314	9.519 493	22	9.544 650	24	0.455 350	9.974 843	2	686	
315	9.519 515	22	9.544 674	25	0.455 326	9.974 841	3	685	24
316	9.519 537	21	9.544 699	24	0.455 301	9.974 838	3	684	1 2.4
317	9.519 558	22	9.544 723	24	0.455 277	9.974 835	2	683	2 4.8
318	9.519 580	21	9.544 747	24	0.455 253	9.974 833	3	682	3 7.2
319	9.519 601	22	9.544 771	25	0.455 229	9.974 830	3	681	4 9.6
.320	9.519 623	22	9.544 796	24	0.455 204	9.974 827	2	**.680**	5 12.0
321	9.519 645	21	9.544 820	24	0.455 180	9.974 825	3	679	6 14.4
322	9.519 666	22	9.544 844	25	0.455 156	9.974 822	3	678	7 16.8
323	9.519 688	22	9.544 869	24	0.455 131	9.974 819	2	677	8 19.2
324	9.519 710	21	9.544 893	24	0.455 107	9.974 817	3	676	9 21.6
325	9.519 731	22	9.544 917	24	0.455 083	9.974 814	3	675	
326	9.519 753	21	9.544 941	25	0.455 059	9.974 811	2	674	
327	9.519 774	22	9.544 966	24	0.455 034	9.974 809	3	673	22
328	9.519 796	22	9.544 990	24	0.455 010	9.974 806	3	672	1 2.2
329	9.519 818	21	9.545 014	24	0.454 986	9.974 803	2	671	2 4.4
.330	9.519 839	22	9.545 038	25	0.454 962	9.974 801	3	**.670**	3 6.6
331	9.519 861	21	9.545 063	24	0.454 937	9.974 798	3	669	4 8.8
332	9.519 882	22	9.545 087	24	0.454 913	9.974 795	2	668	5 11.0
333	9.519 904	22	9.545 111	25	0.454 889	9.974 793	3	667	6 13.2
334	9.519 926	21	9.545 136	24	0.454 864	9.974 790	3	666	7 15.4
335	9.519 947	22	9.545 160	24	0.454 840	9.974 787	2	665	8 17.6
336	9.519 969	21	9.545 184	24	0.454 816	9.974 785	3	664	9 19.8
337	9.519 990	22	9.545 208	25	0.454 792	9.974 782	3	663	
338	9.520 012	22	9.545 233	24	0.454 767	9.974 779	2	662	
339	9.520 034	21	9.545 257	24	0.454 743	9.974 777	3	661	21
.340	9.520 055	22	9.545 281	24	0.454 719	9.974 774	3	**.660**	1 2.1
341	9.520 077	21	9.545 305	25	0.454 695	9.974 771	2	659	2 4.2
342	9.520 098	22	9.545 330	24	0.454 670	9.974 769	3	658	3 6.3
343	9.520 120	22	9.545 354	24	0.454 646	9.974 766	3	657	4 8.4
344	9.520 142	21	9.545 378	24	0.454 622	9.974 763	2	656	5 10.5
345	9.520 163	22	9.545 402	25	0.454 598	9.974 761	3	655	6 12.6
346	9.520 185	21	9.545 427	24	0.454 573	9.974 758	3	654	7 14.7
347	9.520 206	22	9.545 451	24	0.454 549	9.974 755	2	653	8 16.8
348	9.520 228	22	9.545 475	24	0.454 525	9.974 753	3	652	9 18.9
349	9.520 250	21	9.545 499	25	0.454 501	9.974 750	2	651	
.350	9.520 271		9.545 524		0.454 476	9.974 748		**.650**	
	cos	d	cotg	d	tang	sin	d	**70°**	P.P.

70°.700 — 70°.650

19°.350 — 19°.400

19°	sin	d	tang	d	cotg	cos	d		P.P.
.350	9.520 271	22	9.545 524	24	0.454 476	9.974 748	3	**.650**	
351	9.520 293	21	9.545 548	24	0.454 452	9.974 745	3	649	
352	9.520 314	22	9.545 572	24	0.454 428	9.974 742	2	648	
353	9.520 336	21	9.545 596	25	0.454 404	9.974 740	3	647	
354	9.520 357	22	9.545 621	24	0.454 379	9.974 737	3	646	
355	9.520 379	22	9.545 645	24	0.454 355	9.974 734	2	645	
356	9.520 401	21	9.545 669	24	0.454 331	9.974 732	3	644	
357	9.520 422	22	9.545 693	25	0.454 307	9.974 729	3	643	
358	9.520 444	21	9.545 718	24	0.454 282	9.974 726	2	642	
359	9.520 465	22	9.545 742	24	0.454 258	9.974 724	3	641	
.360	9.520 487	21	9.545 766	24	0.454 234	9.974 721	3	**.640**	
361	9.520 508	22	9.545 790	24	0.454 210	9.974 718	2	639	
362	9.520 530	22	9.545 814	25	0.454 186	9.974 716	3	638	
363	9.520 552	21	9.545 839	24	0.454 161	9.974 713	3	637	
364	9.520 573	22	9.545 863	24	0.454 137	9.974 710	2	636	
365	9.520 595	21	9.545 887	24	0.454 113	9.974 708	3	635	
366	9.520 616	22	9.545 911	25	0.454 089	9.974 705	3	634	
367	9.520 638	21	9.545 936	24	0.454 064	9.974 702	2	633	
368	9.520 659	22	9.545 960	24	0.454 040	9.974 700	3	632	
369	9.520 681	22	9.545 984	24	0.454 016	9.974 697	3	631	
.370	9.520 703	21	9.546 008	25	0.453 992	9.974 694	2	**.630**	
371	9.520 724	22	9.546 033	24	0.453 967	9.974 692	3	629	
372	9.520 746	21	9.546 057	24	0.453 943	9.974 689	3	628	
373	9.520 767	22	9.546 081	24	0.453 919	9.974 686	2	627	
374	9.520 789	21	9.546 105	24	0.453 895	9.974 684	3	626	
375	9.520 810	22	9.546 129	25	0.453 871	9.974 681	3	625	
376	9.520 832	21	9.546 154	24	0.453 846	9.974 678	2	624	
377	9.520 853	22	9.546 178	24	0.453 822	9.974 676	3	623	
378	9.520 875	22	9.546 202	24	0.453 798	9.974 673	3	622	
379	9.520 897	21	9.546 226	25	0.453 774	9.974 670	2	621	
.380	9.520 918	22	9.546 251	24	0.453 749	9.974 668	3	**.620**	
381	9.520 940	21	9.546 275	24	0.453 725	9.974 665	3	619	
382	9.520 961	22	9.546 299	24	0.453 701	9.974 662	2	618	
383	9.520 983	21	9.546 323	24	0.453 677	9.974 660	3	617	
384	9.521 004	22	9.546 347	25	0.453 653	9.974 657	3	616	
385	9.521 026	21	9.546 372	24	0.453 628	9.974 654	2	615	
386	9.521 047	22	9.546 396	24	0.453 604	9.974 652	3	614	
387	9.521 069	21	9.546 420	24	0.453 580	9.974 649	3	613	
388	9.521 090	22	9.546 444	24	0.453 556	9.974 646	2	612	
389	9.521 112	22	9.546 468	25	0.453 532	9.974 644	3	611	
.390	9.521 134	21	9.546 493	24	0.453 507	9.974 641	3	**.610**	
391	9.521 155	22	9.546 517	24	0.453 483	9.974 638	2	609	
392	9.521 177	21	9.546 541	24	0.453 459	9.974 636	3	608	
393	9.521 198	22	9.546 565	24	0.453 435	9.974 633	3	607	
394	9.521 220	21	9.546 589	25	0.453 411	9.974 630	2	606	
395	9.521 241	22	9.546 614	24	0.453 386	9.974 628	3	605	
396	9.521 263	21	9.546 638	24	0.453 362	9.974 625	3	604	
397	9.521 284	22	9.546 662	24	0.453 338	9.974 622	2	603	
398	9.521 306	21	9.546 686	24	0.453 314	9.974 620	3	602	
399	9.521 327	22	9.546 710	25	0.453 290	9.974 617	3	601	
.400	9.521 349		9.546 735		0.453 265	9.974 614		**.600**	
	cos	d	cotg	d	tang	sin	d	**70°**	P.P.

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70°.650 — 70°.600

19°.400 — 19°.450

19°	sin	d	tang	d	cotg	cos	d		P.P.
.400	9.521 349	21	9.546 735	24	0.453 265	9.974 614	2	.600	
401	9.521 370	22	9.546 759	24	0.453 241	9.974 612	3	599	
402	9.521 392	21	9.546 783	24	0.453 217	9.974 609	3	598	
403	9.521 413	22	9.546 807	24	0.453 193	9.974 606	2	597	
404	9.521 435	21	9.546 831	25	0.453 169	9.974 604	3	596	
405	9.521 456	22	9.546 856	24	0.453 144	9.974 601	3	595	
406	9.521 478	21	9.546 880	24	0.453 120	9.974 598	2	594	
407	9.521 499	22	9.546 904	24	0.453 096	9.974 596	3	593	
408	9.521 521	21	9.546 928	24	0.453 072	9.974 593	3	592	
409	9.521 542	22	9.546 952	24	0.453 048	9.974 590	2	591	
.410	9.521 564	22	9.546 976	25	0.453 024	9.974 588	3	.590	
411	9.521 586	21	9.547 001	24	0.452 999	9.974 585	3	589	
412	9.521 607	22	9.547 025	24	0.452 975	9.974 582	2	588	
413	9.521 629	21	9.547 049	24	0.452 951	9.974 580	3	587	
414	9.521 650	22	9.547 073	24	0.452 927	9.974 577	3	586	
415	9.521 672	21	9.547 097	25	0.452 903	9.974 574	3	585	
416	9.521 693	22	9.547 122	24	0.452 878	9.974 571	2	584	
417	9.521 715	21	9.547 146	24	0.452 854	9.974 569	3	583	
418	9.521 736	22	9.547 170	24	0.452 830	9.974 566	3	582	
419	9.521 758	21	9.547 194	24	0.452 806	9.974 563	2	581	
.420	9.521 779	22	9.547 218	24	0.452 782	9.974 561	3	.580	
421	9.521 801	21	9.547 242	25	0.452 758	9.974 558	3	579	
422	9.521 822	22	9.547 267	24	0.452 733	9.974 555	2	578	
423	9.521 844	21	9.547 291	24	0.452 709	9.974 553	3	577	
424	9.521 865	22	9.547 315	24	0.452 685	9.974 550	3	576	
425	9.521 887	21	9.547 339	24	0.452 661	9.974 547	2	575	
426	9.521 908	22	9.547 363	24	0.452 637	9.974 545	3	574	
427	9.521 930	21	9.547 387	25	0.452 613	9.974 542	3	573	
428	9.521 951	22	9.547 412	24	0.452 588	9.974 539	2	572	
429	9.521 973	21	9.547 436	24	0.452 564	9.974 537	3	571	
.430	9.521 994	21	9.547 460	24	0.452 540	9.974 534	3	.570	
431	9.522 015	22	9.547 484	24	0.452 516	9.974 531	2	569	
432	9.522 037	21	9.547 508	24	0.452 492	9.974 529	3	568	
433	9.522 058	22	9.547 532	25	0.452 468	9.974 526	3	567	
434	9.522 080	21	9.547 557	24	0.452 443	9.974 523	2	566	
435	9.522 101	22	9.547 581	24	0.452 419	9.974 521	3	565	
436	9.522 123	21	9.547 605	24	0.452 395	9.974 518	3	564	
437	9.522 144	22	9.547 629	24	0.452 371	9.974 515	2	563	
438	9.522 166	21	9.547 653	24	0.452 347	9.974 513	3	562	
439	9.522 187	22	9.547 677	24	0.452 323	9.974 510	3	561	
.440	9.522 209	21	9.547 701	25	0.452 299	9.974 507	2	.560	
441	9.522 230	22	9.547 726	24	0.452 274	9.974 505	3	559	
442	9.522 252	21	9.547 750	24	0.452 250	9.974 502	3	558	
443	9.522 273	22	9.547 774	24	0.452 226	9.974 499	2	557	
444	9.522 295	21	9.547 798	24	0.452 202	9.974 497	3	556	
445	9.522 316	22	9.547 822	24	0.452 178	9.974 494	3	555	
446	9.522 338	21	9.547 846	25	0.452 154	9.974 491	2	554	
447	9.522 359	22	9.547 871	24	0.452 129	9.974 489	3	553	
448	9.522 381	21	9.547 895	24	0.452 105	9.974 486	3	552	
449	9.522 402	22	9.547 919	24	0.452 081	9.974 483	2	551	
.450	9.522 424		9.547 943		0.452 057	9.974 481		.550	
	cos	d	cotg	d	tang	sin	d	70°	P.P.

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70°.600 — 70°.550

19°.450 — 19°.500

19°	sin	d	tang	d	cotg	cos	d		P.P.
.450	9.522 424	21	9.547 943	24	0.452 057	9.974 481	3	**.550**	
451	9.522 445	21	9.547 967	24	0.452 033	9.974 478	3	549	
452	9.522 466	22	9.547 991	24	0.452 009	9.974 475	2	548	
453	9.522 488	21	9.548 015	25	0.451 985	9.974 473	3	547	
454	9.522 509	22	9.548 040	24	0.451 960	9.974 470	3	546	
455	9.522 531	21	9.548 064	24	0.451 936	9.974 467	2	545	
456	9.522 552	22	9.548 088	24	0.451 912	9.974 465	3	544	
457	9.522 574	21	9.548 112	24	0.451 888	9.974 462	3	543	
458	9.522 595	22	9.548 136	24	0.451 864	9.974 459	3	542	
459	9.522 617	21	9.548 160	24	0.451 840	9.974 456	2	541	
.460	9.522 638	22	9.548 184	24	0.451 816	9.974 454	3	**.540**	
461	9.522 660	21	9.548 208	25	0.451 792	9.974 451	3	539	
462	9.522 681	21	9.548 233	24	0.451 767	9.974 448	2	538	
463	9.522 702	22	9.548 257	24	0.451 743	9.974 446	3	537	
464	9.522 724	21	9.548 281	24	0.451 719	9.974 443	3	536	
465	9.522 745	22	9.548 305	24	0.451 695	9.974 440	2	535	
466	9.522 767	21	9.548 329	24	0.451 671	9.974 438	3	534	
467	9.522 788	22	9.548 353	24	0.451 647	9.974 435	3	533	
468	9.522 810	21	9.548 377	24	0.451 623	9.974 432	2	532	
469	9.522 831	22	9.548 401	25	0.451 599	9.974 430	3	531	
.470	9.522 853	21	9.548 426	24	0.451 574	9.974 427	3	**.530**	
471	9.522 874	21	9.548 450	24	0.451 550	9.974 424	2	529	
472	9.522 895	22	9.548 474	24	0.451 526	9.974 422	3	528	
473	9.522 917	21	9.548 498	24	0.451 502	9.974 419	3	527	
474	9.522 938	22	9.548 522	24	0.451 478	9.974 416	2	526	
475	9.522 960	21	9.548 546	24	0.451 454	9.974 414	3	525	
476	9.522 981	22	9.548 570	24	0.451 430	9.974 411	3	524	
477	9.523 003	21	9.548 594	24	0.451 406	9.974 408	2	523	
478	9.523 024	21	9.548 618	25	0.451 382	9.974 406	3	522	
479	9.523 045	22	9.548 643	24	0.451 357	9.974 403	3	521	
.480	9.523 067	21	9.548 667	24	0.451 333	9.974 400	2	**.520**	
481	9.523 088	22	9.548 691	24	0.451 309	9.974 398	3	519	
482	9.523 110	21	9.548 715	24	0.451 285	9.974 395	3	518	
483	9.523 131	22	9.548 739	24	0.451 261	9.974 392	3	517	
484	9.523 153	21	9.548 763	24	0.451 237	9.974 389	2	516	
485	9.523 174	21	9.548 787	24	0.451 213	9.974 387	3	515	
486	9.523 195	22	9.548 811	24	0.451 189	9.974 384	3	514	
487	9.523 217	21	9.548 835	25	0.451 165	9.974 381	2	513	
488	9.523 238	22	9.548 860	24	0.451 140	9.974 379	3	512	
489	9.523 260	21	9.548 884	24	0.451 116	9.974 376	3	511	
.490	9.523 281	22	9.548 908	24	0.451 092	9.974 373	2	**.510**	
491	9.523 303	21	9.548 932	24	0.451 068	9.974 371	3	509	
492	9.523 324	21	9.548 956	24	0.451 044	9.974 368	3	508	
493	9.523 345	22	9.548 980	24	0.451 020	9.974 365	2	507	
494	9.523 367	21	9.549 004	24	0.450 996	9.974 363	3	506	
495	9.523 388	22	9.549 028	24	0.450 972	9.974 360	3	505	
496	9.523 410	21	9.549 052	24	0.450 948	9.974 357	2	504	
497	9.523 431	21	9.549 076	25	0.450 924	9.974 355	3	503	
498	9.523 452	22	9.549 101	24	0.450 899	9.974 352	3	502	
499	9.523 474	21	9.549 125	24	0.450 875	9.974 349	2	501	
.500	9.523 495		9.549 149		0.450 851	9.974 347		**.500**	
	cos	d	cotg	d	tang	sin	d	**70°**	P.P.

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70°.550 — 70°.500

19°.500 — 19°.550

19°	sin	d	tang	d	cotg	cos	d		P.P.
.500	9.523 495	22	9.549 149	24	0.450 851	9.974 347	3	.500	
501	9.523 517	21	9.549 173	24	0.450 827	9.974 344	3	499	
502	9.523 538	21	9.549 197	24	0.450 803	9.974 341	3	498	
503	9.523 559	22	9.549 221	24	0.450 779	9.974 338	2	497	
504	9.523 581	21	9.549 245	24	0.450 755	9.974 336	3	496	
505	9.523 602	22	9.549 269	24	0.450 731	9.974 333	3	495	
506	9.523 624	21	9.549 293	24	0.450 707	9.974 330	2	494	
507	9.523 645	21	9.549 317	24	0.450 683	9.974 328	3	493	
508	9.523 666	22	9.549 341	24	0.450 659	9.974 325	3	492	
509	9.523 688	21	9.549 365	25	0.450 635	9.974 322	2	491	
.510	9.523 709	22	9.549 390	24	0.450 610	9.974 320	3	.490	
511	9.523 731	21	9.549 414	24	0.450 586	9.974 317	3	489	
512	9.523 752	21	9.549 438	24	0.450 562	9.974 314	2	488	
513	9.523 773	22	9.549 462	24	0.450 538	9.974 312	3	487	
514	9.523 795	21	9.549 486	24	0.450 514	9.974 309	3	486	
515	9.523 816	22	9.549 510	24	0.450 490	9.974 306	2	485	
516	9.523 838	21	9.549 534	24	0.450 466	9.974 304	3	484	
517	9.523 859	21	9.549 558	24	0.450 442	9.974 301	3	483	
518	9.523 880	22	9.549 582	24	0.450 418	9.974 298	2	482	
519	9.523 902	21	9.549 606	24	0.450 394	9.974 296	3	481	
.520	9.523 923	21	9.549 630	24	0.450 370	9.974 293	3	.480	
521	9.523 944	22	9.549 654	24	0.450 346	9.974 290	3	479	
522	9.523 966	21	9.549 678	24	0.450 322	9.974 287	2	478	
523	9.523 987	22	9.549 702	25	0.450 298	9.974 285	3	477	
524	9.524 009	21	9.549 727	24	0.450 273	9.974 282	3	476	
525	9.524 030	21	9.549 751	24	0.450 249	9.974 279	2	475	
526	9.524 051	22	9.549 775	24	0.450 225	9.974 277	3	474	
527	9.524 073	21	9.549 799	24	0.450 201	9.974 274	3	473	
528	9.524 094	21	9.549 823	24	0.450 177	9.974 271	2	472	
529	9.524 115	22	9.549 847	24	0.450 153	9.974 269	3	471	
.530	9.524 137	21	9.549 871	24	0.450 129	9.974 266	3	.470	
531	9.524 158	22	9.549 895	24	0.450 105	9.974 263	2	469	
532	9.524 180	21	9.549 919	24	0.450 081	9.974 261	3	468	
533	9.524 201	21	9.549 943	24	0.450 057	9.974 258	3	467	
534	9.524 222	22	9.549 967	24	0.450 033	9.974 255	2	466	
535	9.524 244	21	9.549 991	24	0.450 009	9.974 253	3	465	
536	9.524 265	21	9.550 015	24	0.449 985	9.974 250	3	464	
537	9.524 286	22	9.550 039	24	0.449 961	9.974 247	3	463	
538	9.524 308	21	9.550 063	24	0.449 937	9.974 244	2	462	
539	9.524 329	22	9.550 087	24	0.449 913	9.974 242	3	461	
.540	9.524 351	21	9.550 111	24	0.449 889	9.974 239	3	.460	
541	9.524 372	21	9.550 135	25	0.449 865	9.974 236	2	459	
542	9.524 393	22	9.550 160	24	0.449 840	9.974 234	3	458	
543	9.524 415	21	9.550 184	24	0.449 816	9.974 231	3	457	
544	9.524 436	21	9.550 208	24	0.449 792	9.974 228	2	456	
545	9.524 457	22	9.550 232	24	0.449 768	9.974 226	3	455	
546	9.524 479	21	9.550 256	24	0.449 744	9.974 223	3	454	
547	9.524 500	21	9.550 280	24	0.449 720	9.974 220	2	453	
548	9.524 521	22	9.550 304	24	0.449 696	9.974 218	3	452	
549	9.524 543	21	9.550 328	24	0.449 672	9.974 215	3	451	
.550	9.524 564		9.550 352		0.449 648	9.974 212		.450	
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70°.500 — 70°.450

19°.550 — 19°.600

19°	sin	d	tang	d	cotg	cos	d		P.P.
.550	9.524 564	21	9.550 352	24	0.449 648	9.974 212	3	**.450**	
551	9.524 585	22	9.550 376	24	0.449 624	9.974 209	2	449	
552	9.524 607	21	9.550 400	24	0.449 600	9.974 207	3	448	
553	9.524 628	21	9.550 424	24	0.449 576	9.974 204	3	447	
554	9.524 649	22	9.550 448	24	0.449 552	9.974 201	2	446	
555	9.524 671	21	9.550 472	24	0.449 528	9.974 199	3	445	
556	9.524 692	21	9.550 496	24	0.449 504	9.974 196	3	444	
557	9.524 713	22	9.550 520	24	0.449 480	9.974 193	2	443	
558	9.524 735	21	9.550 544	24	0.449 456	9.974 191	3	442	
559	9.524 756	21	9.550 568	24	0.449 432	9.974 188	3	441	
.560	9.524 777	22	9.550 592	24	0.449 408	9.974 185	2	**.440**	
561	9.524 799	21	9.550 616	24	0.449 384	9.974 183	3	439	
562	9.524 820	21	9.550 640	24	0.449 360	9.974 180	3	438	
563	9.524 841	22	9.550 664	24	0.449 336	9.974 177	3	437	
564	9.524 863	21	9.550 688	24	0.449 312	9.974 174	2	436	
565	9.524 884	21	9.550 712	24	0.449 288	9.974 172	3	435	
566	9.524 905	22	9.550 736	24	0.449 264	9.974 169	3	434	
567	9.524 927	21	9.550 760	24	0.449 240	9.974 166	2	433	
568	9.524 948	21	9.550 784	24	0.449 216	9.974 164	3	432	
569	9.524 969	22	9.550 808	24	0.449 192	9.974 161	3	431	
.570	9.524 991	21	9.550 832	24	0.449 168	9.974 158	2	**.430**	
571	9.525 012	21	9.550 856	24	0.449 144	9.974 156	3	429	
572	9.525 033	22	9.550 880	24	0.449 120	9.974 153	3	428	
573	9.525 055	21	9.550 904	24	0.449 096	9.974 150	2	427	
574	9.525 076	21	9.550 928	24	0.449 072	9.974 148	3	426	
575	9.525 097	22	9.550 952	24	0.449 048	9.974 145	3	425	
576	9.525 119	21	9.550 976	24	0.449 024	9.974 142	3	424	
577	9.525 140	21	9.551 000	25	0.449 000	9.974 139	2	423	
578	9.525 161	22	9.551 025	24	0.448 975	9.974 137	3	422	
579	9.525 183	21	9.551 049	24	0.448 951	9.974 134	3	421	
.580	9.525 204	21	9.551 073	24	0.448 927	9.974 131	2	**.420**	
581	9.525 225	21	9.551 097	24	0.448 903	9.974 129	3	419	
582	9.525 246	22	9.551 121	24	0.448 879	9.974 126	3	418	
583	9.525 268	21	9.551 145	24	0.448 855	9.974 123	2	417	
584	9.525 289	21	9.551 169	24	0.448 831	9.974 121	3	416	
585	9.525 310	22	9.551 193	24	0.448 807	9.974 118	3	415	
586	9.525 332	21	9.551 217	24	0.448 783	9.974 115	3	414	
587	9.525 353	21	9.551 241	24	0.448 759	9.974 112	2	413	
588	9.525 374	22	9.551 265	24	0.448 735	9.974 110	3	412	
589	9.525 396	21	9.551 289	24	0.448 711	9.974 107	3	411	
.590	9.525 417	21	9.551 313	24	0.448 687	9.974 104	2	**.410**	
591	9.525 438	21	9.551 337	24	0.448 663	9.974 102	3	409	
592	9.525 459	22	9.551 361	24	0.448 639	9.974 099	3	408	
593	9.525 481	21	9.551 385	24	0.448 615	9.974 096	2	407	
594	9.525 502	21	9.551 409	23	0.448 591	9.974 094	3	406	
595	9.525 523	22	9.551 432	24	0.448 568	9.974 091	3	405	
596	9.525 545	21	9.551 456	24	0.448 544	9.974 088	3	404	
597	9.525 566	21	9.551 480	24	0.448 520	9.974 085	2	403	
598	9.525 587	22	9.551 504	24	0.448 496	9.974 083	3	402	
599	9.525 609	21	9.551 528	24	0.448 472	9.974 080	3	401	
.600	9.525 630		9.551 552		0.448 448	9.974 077		**.400**	
	cos	d	cotg	d	tang	sin	d	**70°**	P.P.

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70°.450 — 70°.400

19°.600 — 19°.650

19°	sin	d	tang	d	cotg	cos	d		P.P.
.600	9.525 630	21	9.551 552	24	0.448 448	9.974 077	2	**.400**	
601	9.525 651	21	9.551 576	24	0.448 424	9.974 075	3	399	
602	9.525 672	22	9.551 600	24	0.448 400	9.974 072	3	398	
603	9.525 694	21	9.551 624	24	0.448 376	9.974 069	2	397	
604	9.525 715	21	9.551 648	24	0.448 352	9.974 067	3	396	
605	9.525 736	22	9.551 672	24	0.448 328	9.974 064	3	395	
606	9.525 758	21	9.551 696	24	0.448 304	9.974 061	3	394	
607	9.525 779	21	9.551 720	24	0.448 280	9.974 058	2	393	
608	9.525 800	21	9.551 744	24	0.448 256	9.974 056	3	392	
609	9.525 821	22	9.551 768	24	0.448 232	9.974 053	3	391	
.610	9.525 843	21	9.551 792	24	0.448 208	9.974 050	2	**.390**	
611	9.525 864	21	9.551 816	24	0.448 184	9.974 048	3	389	
612	9.525 885	21	9.551 840	24	0.448 160	9.974 045	3	388	
613	9.525 906	22	9.551 864	24	0.448 136	9.974 042	2	387	
614	9.525 928	21	9.551 888	24	0.448 112	9.974 040	3	386	
615	9.525 949	21	9.551 912	24	0.448 088	9.974 037	3	385	
616	9.525 970	22	9.551 936	24	0.448 064	9.974 034	3	384	
617	9.525 992	21	9.551 960	24	0.448 040	9.974 031	2	383	
618	9.526 013	21	9.551 984	24	0.448 016	9.974 029	3	382	
619	9.526 034	21	9.552 008	24	0.447 992	9.974 026	3	381	
.620	9.526 055	22	9.552 032	24	0.447 968	9.974 023	2	**.380**	
621	9.526 077	21	9.552 056	24	0.447 944	9.974 021	3	379	
622	9.526 098	21	9.552 080	24	0.447 920	9.974 018	3	378	
623	9.526 119	21	9.552 104	24	0.447 896	9.974 015	2	377	
624	9.526 140	22	9.552 128	24	0.447 872	9.974 013	3	376	
625	9.526 162	21	9.552 152	24	0.447 848	9.974 010	3	375	
626	9.526 183	21	9.552 176	24	0.447 824	9.974 007	3	374	
627	9.526 204	21	9.552 200	24	0.447 800	9.974 004	2	373	
628	9.526 225	22	9.552 224	24	0.447 776	9.974 002	3	372	
629	9.526 247	21	9.552 248	24	0.447 752	9.973 999	3	371	
.630	9.526 268	21	9.552 272	24	0.447 728	9.973 996	2	**.370**	
631	9.526 289	21	9.552 296	23	0.447 704	9.973 994	3	369	
632	9.526 310	22	9.552 319	24	0.447 681	9.973 991	3	368	
633	9.526 332	21	9.552 343	24	0.447 657	9.973 988	2	367	
634	9.526 353	21	9.552 367	24	0.447 633	9.973 986	3	366	
635	9.526 374	21	9.552 391	24	0.447 609	9.973 983	3	365	
636	9.526 395	22	9.552 415	24	0.447 585	9.973 980	3	364	
637	9.526 417	21	9.552 439	24	0.447 561	9.973 977	2	363	
638	9.526 438	21	9.552 463	24	0.447 537	9.973 975	3	362	
639	9.526 459	21	9.552 487	24	0.447 513	9.973 972	3	361	
.640	9.526 480	22	9.552 511	24	0.447 489	9.973 969	2	**.360**	
641	9.526 502	21	9.552 535	24	0.447 465	9.973 967	3	359	
642	9.526 523	21	9.552 559	24	0.447 441	9.973 964	3	358	
643	9.526 544	21	9.552 583	24	0.447 417	9.973 961	3	357	
644	9.526 565	22	9.552 607	24	0.447 393	9.973 958	2	356	
645	9.526 587	21	9.552 631	24	0.447 369	9.973 956	3	355	
646	9.526 608	21	9.552 655	24	0.447 345	9.973 953	3	354	
647	9.526 629	21	9.552 679	24	0.447 321	9.973 950	2	353	
648	9.526 650	21	9.552 703	24	0.447 297	9.973 948	3	352	
649	9.526 671	22	9.552 727	23	0.447 273	9.973 945	3	351	
.650	9.526 693		9.552 750		0.447 250	9.973 942		**.350**	
	cos	d	cotg	d	tang	sin	d	**70°**	P.P.

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70°.400 — 70°.350

19°.650 — 19°.700

19°	sin	d	tang	d	cotg	cos	d		P.P.
.650	9.526 693	21	9.552 750	24	0.447 250	9.973 942	2	**.350**	
651	9.526 714	21	9.552 774	24	0.447 226	9.973 940	3	349	
652	9.526 735	21	9.552 798	24	0.447 202	9.973 937	3	348	
653	9.526 756	22	9.552 822	24	0.447 178	9.973 934	3	347	
654	9.526 778	21	9.552 846	24	0.447 154	9.973 931	2	346	
655	9.526 799	21	9.552 870	24	0.447 130	9.973 929	3	345	
656	9.526 820	21	9.552 894	24	0.447 106	9.973 926	3	344	
657	9.526 841	21	9.552 918	24	0.447 082	9.973 923	2	343	
658	9.526 862	22	9.552 942	24	0.447 058	9.973 921	3	342	
659	9.526 884	21	9.552 966	24	0.447 034	9.973 918	3	341	
.660	9.526 905	21	9.552 990	24	0.447 010	9.973 915	3	**.340**	
661	9.526 926	21	9.553 014	24	0.446 986	9.973 912	2	339	
662	9.526 947	21	9.553 038	24	0.446 962	9.973 910	3	338	
663	9.526 969	22	9.553 062	23	0.446 938	9.973 907	3	337	
664	9.526 990	21	9.553 085	24	0.446 915	9.973 904	2	336	
665	9.527 011	21	9.553 109	24	0.446 891	9.973 902	3	335	
666	9.527 032	21	9.553 133	24	0.446 867	9.973 899	3	334	
667	9.527 053	22	9.553 157	24	0.446 843	9.973 896	2	333	
668	9.527 075	21	9.553 181	24	0.446 819	9.973 894	3	332	
669	9.527 096	21	9.553 205	24	0.446 795	9.973 891	3	331	
.670	9.527 117	21	9.553 229	24	0.446 771	9.973 888	3	**.330**	
671	9.527 138	21	9.553 253	24	0.446 747	9.973 885	2	329	
672	9.527 159	22	9.553 277	24	0.446 723	9.973 883	3	328	
673	9.527 181	21	9.553 301	24	0.446 699	9.973 880	3	327	
674	9.527 202	21	9.553 325	23	0.446 675	9.973 877	2	326	
675	9.527 223	21	9.553 348	24	0.446 652	9.973 875	3	325	
676	9.527 244	21	9.553 372	24	0.446 628	9.973 872	3	324	
677	9.527 265	22	9.553 396	24	0.446 604	9.973 869	3	323	
678	9.527 287	21	9.553 420	24	0.446 580	9.973 866	2	322	
679	9.527 308	21	9.553 444	24	0.446 556	9.973 864	3	321	
.680	9.527 329	21	9.553 468	24	0.446 532	9.973 861	3	**.320**	
681	9.527 350	21	9.553 492	24	0.446 508	9.973 858	2	319	
682	9.527 371	22	9.553 516	24	0.446 484	9.973 856	3	318	
683	9.527 393	21	9.553 540	24	0.446 460	9.973 853	3	317	
684	9.527 414	21	9.553 564	24	0.446 436	9.973 850	3	316	
685	9.527 435	21	9.553 588	23	0.446 412	9.973 847	2	315	
686	9.527 456	21	9.553 611	24	0.446 389	9.973 845	3	314	
687	9.527 477	22	9.553 635	24	0.446 365	9.973 842	3	313	
688	9.527 499	21	9.553 659	24	0.446 341	9.973 839	2	312	
689	9.527 520	21	9.553 683	24	0.446 317	9.973 837	3	311	
.690	9.527 541	21	9.553 707	24	0.446 293	9.973 834	3	**.310**	
691	9.527 562	21	9.553 731	24	0.446 269	9.973 831	3	309	
692	9.527 583	21	9.553 755	24	0.446 245	9.973 828	2	308	
693	9.527 604	22	9.553 779	24	0.446 221	9.973 826	3	307	
694	9.527 626	21	9.553 803	23	0.446 197	9.973 823	3	306	
695	9.527 647	21	9.553 826	24	0.446 174	9.973 820	2	305	
696	9.527 668	21	9.553 850	24	0.446 150	9.973 818	3	304	
697	9.527 689	21	9.553 874	24	0.446 126	9.973 815	3	303	
698	9.527 710	21	9.553 898	24	0.446 102	9.973 812	3	302	
699	9.527 731	22	9.553 922	24	0.446 078	9.973 809	2	301	
.700	9.527 753		9.553 946		0.446 054	9.973 807		**.300**	
	cos	d	cotg	d	tang	sin	d	**70°**	P.P.

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70°.350 — 70°.300

19°.700 — 19°.750

19°	sin	d	tang	d	cotg	cos	d		P.P.
.700	9.527 753	21	9.553 946	24	0.446 054	9.973 807	3	**.300**	
701	9.527 774	21	9.553 970	24	0.446 030	9.973 804	3	299	
702	9.527 795	21	9.553 994	24	0.446 006	9.973 801	2	298	
703	9.527 816	21	9.554 018	23	0.445 982	9.973 799	3	297	
704	9.527 837	21	9.554 041	24	0.445 959	9.973 796	3	296	
705	9.527 858	22	9.554 065	24	0.445 935	9.973 793	3	295	
706	9.527 880	21	9.554 089	24	0.445 911	9.973 790	2	294	
707	9.527 901	21	9.554 113	24	0.445 887	9.973 788	3	293	
708	9.527 922	21	9.554 137	24	0.445 863	9.973 785	3	292	
709	9.527 943	21	9.554 161	24	0.445 839	9.973 782	2	291	
.710	9.527 964	21	9.554 185	24	0.445 815	9.973 780	3	**.290**	
711	9.527 985	22	9.554 209	23	0.445 791	9.973 777	3	289	
712	9.528 007	21	9.554 232	24	0.445 768	9.973 774	3	288	
713	9.528 028	21	9.554 256	24	0.445 744	9.973 771	2	287	
714	9.528 049	21	9.554 280	24	0.445 720	9.973 769	3	286	
715	9.528 070	21	9.554 304	24	0.445 696	9.973 766	3	285	
716	9.528 091	21	9.554 328	24	0.445 672	9.973 763	2	284	
717	9.528 112	22	9.554 352	24	0.445 648	9.973 761	3	283	
718	9.528 134	21	9.554 376	24	0.445 624	9.973 758	3	282	
719	9.528 155	21	9.554 400	23	0.445 600	9.973 755	3	281	
.720	9.528 176	21	9.554 423	24	0.445 577	9.973 752	2	**.280**	
721	9.528 197	21	9.554 447	24	0.445 553	9.973 750	3	279	
722	9.528 218	21	9.554 471	24	0.445 529	9.973 747	3	278	
723	9.528 239	21	9.554 495	24	0.445 505	9.973 744	2	277	
724	9.528 260	22	9.554 519	24	0.445 481	9.973 742	3	276	
725	9.528 282	21	9.554 543	24	0.445 457	9.973 739	3	275	
726	9.528 303	21	9.554 567	23	0.445 433	9.973 736	3	274	
727	9.528 324	21	9.554 590	24	0.445 410	9.973 733	2	273	
728	9.528 345	21	9.554 614	24	0.445 386	9.973 731	3	272	
729	9.528 366	21	9.554 638	24	0.445 362	9.973 728	3	271	
.730	9.528 387	21	9.554 662	24	0.445 338	9.973 725	2	**.270**	
731	9.528 408	21	9.554 686	24	0.445 314	9.973 723	3	269	
732	9.528 429	22	9.554 710	24	0.445 290	9.973 720	3	268	
733	9.528 451	21	9.554 734	23	0.445 266	9.973 717	3	267	
734	9.528 472	21	9.554 757	24	0.445 243	9.973 714	2	266	
735	9.528 493	21	9.554 781	24	0.445 219	9.973 712	3	265	
736	9.528 514	21	9.554 805	24	0.445 195	9.973 709	3	264	
737	9.528 535	21	9.554 829	24	0.445 171	9.973 706	3	263	
738	9.528 556	21	9.554 853	24	0.445 147	9.973 703	2	262	
739	9.528 577	22	9.554 877	23	0.445 123	9.973 701	3	261	
.740	9.528 599	21	9.554 900	24	0.445 100	9.973 698	3	**.260**	
741	9.528 620	21	9.554 924	24	0.445 076	9.973 695	2	259	
742	9.528 641	21	9.554 948	24	0.445 052	9.973 693	3	258	
743	9.528 662	21	9.554 972	24	0.445 028	9.973 690	3	257	
744	9.528 683	21	9.554 996	24	0.445 004	9.973 687	3	256	
745	9.528 704	21	9.555 020	23	0.444 980	9.973 684	2	255	
746	9.528 725	21	9.555 043	24	0.444 957	9.973 682	3	254	
747	9.528 746	21	9.555 067	24	0.444 933	9.973 679	3	253	
748	9.528 767	22	9.555 091	24	0.444 909	9.973 676	2	252	
749	9.528 789	21	9.555 115	24	0.444 885	9.973 674	3	251	
.750	9.528 810		9.555 139		0.444 861	9.973 671		**.250**	
	cos	d	cotg	d	tang	sin	d	**70°**	P.P.

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70°.300 — 70°.250

19°.750 — 19°.800

19°	sin	d	tang	d	cotg	cos	d		P.P.
.750	9.528 810	21	9.555 139	24	0.444 861	9.973 671	3	**.250**	
751	9.528 831	21	9.555 163	23	0.444 837	9.973 668	3	249	
752	9.528 852	21	9.555 186	24	0.444 814	9.973 665	2	248	
753	9.528 873	21	9.555 210	24	0.444 790	9.973 663	3	247	
754	9.528 894	21	9.555 234	24	0.444 766	9.973 660	3	246	
755	9.528 915	21	9.555 258	24	0.444 742	9.973 657	2	245	
756	9.528 936	21	9.555 282	24	0.444 718	9.973 655	3	244	
757	9.528 957	22	9.555 306	23	0.444 694	9.973 652	3	243	
758	9.528 979	21	9.555 329	24	0.444 671	9.973 649	3	242	
759	9.529 000	21	9.555 353	24	0.444 647	9.973 646	2	241	
.760	9.529 021	21	9.555 377	24	0.444 623	9.973 644	3	**.240**	
761	9.529 042	21	9.555 401	24	0.444 599	9.973 641	3	239	
762	9.529 063	21	9.555 425	24	0.444 575	9.973 638	3	238	
763	9.529 084	21	9.555 449	23	0.444 551	9.973 635	2	237	
764	9.529 105	21	9.555 472	24	0.444 528	9.973 633	3	236	
765	9.529 126	21	9.555 496	24	0.444 504	9.973 630	3	235	
766	9.529 147	21	9.555 520	24	0.444 480	9.973 627	2	234	
767	9.529 168	22	9.555 544	24	0.444 456	9.973 625	3	233	
768	9.529 190	21	9.555 568	23	0.444 432	9.973 622	3	232	
769	9.529 211	21	9.555 591	24	0.444 409	9.973 619	3	231	
.770	9.529 232	21	9.555 615	24	0.444 385	9.973 616	2	**.230**	
771	9.529 253	21	9.555 639	24	0.444 361	9.973 614	3	229	
772	9.529 274	21	9.555 663	24	0.444 337	9.973 611	3	228	
773	9.529 295	21	9.555 687	24	0.444 313	9.973 608	3	227	
774	9.529 316	21	9.555 711	23	0.444 289	9.973 605	2	226	
775	9.529 337	21	9.555 734	24	0.444 266	9.973 603	3	225	
776	9.529 358	21	9.555 758	24	0.444 242	9.973 600	3	224	
777	9.529 379	21	9.555 782	24	0.444 218	9.973 597	2	223	
778	9.529 400	21	9.555 806	24	0.444 194	9.973 595	3	222	
779	9.529 421	22	9.555 830	23	0.444 170	9.973 592	3	221	
.780	9.529 443	21	9.555 853	24	0.444 147	9.973 589	3	**.220**	
781	9.529 464	21	9.555 877	24	0.444 123	9.973 586	2	219	
782	9.529 485	21	9.555 901	24	0.444 099	9.973 584	3	218	
783	9.529 506	21	9.555 925	24	0.444 075	9.973 581	3	217	
784	9.529 527	21	9.555 949	23	0.444 051	9.973 578	2	216	
785	9.529 548	21	9.555 972	24	0.444 028	9.973 576	3	215	
786	9.529 569	21	9.555 996	24	0.444 004	9.973 573	3	214	
787	9.529 590	21	9.556 020	24	0.443 980	9.973 570	3	213	
788	9.529 611	21	9.556 044	24	0.443 956	9.973 567	2	212	
789	9.529 632	21	9.556 068	23	0.443 932	9.973 565	3	211	
.790	9.529 653	21	9.556 091	24	0.443 909	9.973 562	3	**.210**	
791	9.529 674	21	9.556 115	24	0.443 885	9.973 559	3	209	
792	9.529 695	21	9.556 139	24	0.443 861	9.973 556	2	208	
793	9.529 716	21	9.556 163	24	0.443 837	9.973 554	3	207	
794	9.529 737	22	9.556 187	23	0.443 813	9.973 551	3	206	
795	9.529 759	21	9.556 210	24	0.443 790	9.973 548	2	205	
796	9.529 780	21	9.556 234	24	0.443 766	9.973 546	3	204	
797	9.529 801	21	9.556 258	24	0.443 742	9.973 543	3	203	
798	9.529 822	21	9.556 282	23	0.443 718	9.973 540	3	202	
799	9.529 843	21	9.556 305	24	0.443 695	9.973 537	2	201	
.800	9.529 864		9.556 329		0.443 671	9.973 535		**.200**	
	cos	d	cotg	d	tang	sin	d	**70°**	P.P.

	24
1	2.4
2	4.8
3	7.2
4	9.6
5	12.0
6	14.4
7	16.8
8	19.2
9	21.6

	23
1	2.3
2	4.6
3	6.9
4	9.2
5	11.5
6	13.8
7	16.1
8	18.4
9	20.7

	22
1	2.2
2	4.4
3	6.6
4	8.8
5	11.0
6	13.2
7	15.4
8	17.6
9	19.8

	21
1	2.1
2	4.2
3	6.3
4	8.4
5	10.5
6	12.6
7	14.7
8	16.8
9	18.9

70°.250 — 70°.200

19°.800 — 19°.850

19°	sin	d	tang	d	cotg	cos	d		P.P.
.800	9.529 864	21	9.556 329	24	0.443 671	9.973 535	3	.200	
801	9.529 885	21	9.556 353	24	0.443 647	9.973 532	3	199	
802	9.529 906	21	9.556 377	24	0.443 623	9.973 529	3	198	
803	9.529 927	21	9.556 401	23	0.443 599	9.973 526	2	197	
804	9.529 948	21	9.556 424	24	0.443 576	9.973 524	3	196	
805	9.529 969	21	9.556 448	24	0.443 552	9.973 521	3	195	
806	9.529 990	21	9.556 472	24	0.443 528	9.973 518	3	194	
807	9.530 011	21	9.556 496	23	0.443 504	9.973 515	2	193	
808	9.530 032	21	9.556 519	24	0.443 481	9.973 513	3	192	
809	9.530 053	21	9.556 543	24	0.443 457	9.973 510	3	191	
.810	9.530 074	21	9.556 567	24	0.443 433	9.973 507	2	.190	
811	9.530 095	21	9.556 591	24	0.443 409	9.973 505	3	189	
812	9.530 116	21	9.556 615	23	0.443 385	9.973 502	3	188	
813	9.530 137	21	9.556 638	24	0.443 362	9.973 499	3	187	
814	9.530 158	21	9.556 662	24	0.443 338	9.973 496	2	186	
815	9.530 179	22	9.556 686	24	0.443 314	9.973 494	3	185	
816	9.530 201	21	9.556 710	23	0.443 290	9.973 491	3	184	
817	9.530 222	21	9.556 733	24	0.443 267	9.973 488	3	183	
818	9.530 243	21	9.556 757	24	0.443 243	9.973 485	2	182	
819	9.530 264	21	9.556 781	24	0.443 219	9.973 483	3	181	
.820	9.530 285	21	9.556 805	23	0.443 195	9.973 480	3	.180	
821	9.530 306	21	9.556 828	24	0.443 172	9.973 477	2	179	
822	9.530 327	21	9.556 852	24	0.443 148	9.973 475	3	178	
823	9.530 348	21	9.556 876	24	0.443 124	9.973 472	3	177	
824	9.530 369	21	9.556 900	23	0.443 100	9.973 469	3	176	
825	9.530 390	21	9.556 923	24	0.443 077	9.973 466	2	175	
826	9.530 411	21	9.556 947	24	0.443 053	9.973 464	3	174	
827	9.530 432	21	9.556 971	24	0.443 029	9.973 461	3	173	
828	9.530 453	21	9.556 995	24	0.443 005	9.973 458	3	172	
829	9.530 474	21	9.557 019	23	0.442 981	9.973 455	2	171	
.830	9.530 495	21	9.557 042	24	0.442 958	9.973 453	3	.170	
831	9.530 516	21	9.557 066	24	0.442 934	9.973 450	3	169	
832	9.530 537	21	9.557 090	24	0.442 910	9.973 447	3	168	
833	9.530 558	21	9.557 114	23	0.442 886	9.973 444	2	167	
834	9.530 579	21	9.557 137	24	0.442 863	9.973 442	3	166	
835	9.530 600	21	9.557 161	24	0.442 839	9.973 439	3	165	
836	9.530 621	21	9.557 185	24	0.442 815	9.973 436	2	164	
837	9.530 642	21	9.557 209	23	0.442 791	9.973 434	3	163	
838	9.530 663	21	9.557 232	24	0.442 768	9.973 431	3	162	
839	9.530 684	21	9.557 256	24	0.442 744	9.973 428	3	161	
.840	9.530 705	21	9.557 280	23	0.442 720	9.973 425	2	.160	
841	9.530 726	21	9.557 303	24	0.442 697	9.973 423	3	159	
842	9.530 747	21	9.557 327	24	0.442 673	9.973 420	3	158	
843	9.530 768	21	9.557 351	24	0.442 649	9.973 417	3	157	
844	9.530 789	21	9.557 375	23	0.442 625	9.973 414	2	156	
845	9.530 810	21	9.557 398	24	0.442 602	9.973 412	3	155	
846	9.530 831	21	9.557 422	24	0.442 578	9.973 409	3	154	
847	9.530 852	21	9.557 446	24	0.442 554	9.973 406	3	153	
848	9.530 873	21	9.557 470	23	0.442 530	9.973 403	2	152	
849	9.530 894	21	9.557 493	24	0.442 507	9.973 401	3	151	
.850	9.530 915		9.557 517		0.442 483	9.973 398		.150	
	cos	d	cotg	d	tang	sin	d	70°	P.P.

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6	14.4
7	16.8
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3	6.9
4	9.2
5	11.5
6	13.8
7	16.1
8	18.4
9	20.7

	22
1	2.2
2	4.4
3	6.6
4	8.8
5	11.0
6	13.2
7	15.4
8	17.6
9	19.8

	21
1	2.1
2	4.2
3	6.3
4	8.4
5	10.5
6	12.6
7	14.7
8	16.8
9	18.9

70°.200 — 70°.150

19°.850 — 19°.900

19°	sin	d	tang	d	cotg	cos	d		P.P.
.850	9.530 915	21	9.557 517	24	0.442 483	9.973 398	3	.150	
851	9.530 936	21	9.557 541	24	0.442 459	9.973 395	3	149	
852	9.530 957	21	9.557 565	23	0.442 435	9.973 392	2	148	
853	9.530 978	21	9.557 588	24	0.442 412	9.973 390	3	147	
854	9.530 999	21	9.557 612	24	0.442 388	9.973 387	3	146	
855	9.531 020	21	9.557 636	23	0.442 364	9.973 384	2	145	
856	9.531 041	21	9.557 659	24	0.442 341	9.973 382	3	144	
857	9.531 062	21	9.557 683	24	0.442 317	9.973 379	3	143	
858	9.531 083	21	9.557 707	24	0.442 293	9.973 376	3	142	
859	9.531 104	21	9.557 731	23	0.442 269	9.973 373	2	141	
.860	9.531 125	21	9.557 754	24	0.442 246	9.973 371	3	.140	
861	9.531 146	21	9.557 778	24	0.442 222	9.973 368	3	139	
862	9.531 167	21	9.557 802	24	0.442 198	9.973 365	3	138	
863	9.531 188	21	9.557 826	23	0.442 174	9.973 362	2	137	
864	9.531 209	21	9.557 849	24	0.442 151	9.973 360	3	136	
865	9.531 230	21	9.557 873	24	0.442 127	9.973 357	3	135	
866	9.531 251	21	9.557 897	23	0.442 103	9.973 354	3	134	
867	9.531 272	21	9.557 920	24	0.442 080	9.973 351	2	133	
868	9.531 293	21	9.557 944	24	0.442 056	9.973 349	3	132	
869	9.531 314	21	9.557 968	24	0.442 032	9.973 346	3	131	
.870	9.531 335	21	9.557 992	23	0.442 008	9.973 343	3	.130	
871	9.531 356	21	9.558 015	24	0.441 985	9.973 340	2	129	
872	9.531 377	21	9.558 039	24	0.441 961	9.973 338	3	128	
873	9.531 398	21	9.558 063	23	0.441 937	9.973 335	3	127	
874	9.531 419	21	9.558 086	24	0.441 914	9.973 332	2	126	
875	9.531 440	21	9.558 110	24	0.441 890	9.973 330	3	125	
876	9.531 461	21	9.558 134	24	0.441 866	9.973 327	3	124	
877	9.531 482	21	9.558 158	23	0.441 842	9.973 324	3	123	
878	9.531 503	21	9.558 181	24	0.441 819	9.973 321	2	122	
879	9.531 523	20	9.558 205	24	0.441 795	9.973 319	3	121	
.880	9.531 544	21	9.558 229	23	0.441 771	9.973 316	3	.120	
881	9.531 565	21	9.558 252	24	0.441 748	9.973 313	3	119	
882	9.531 586	21	9.558 276	24	0.441 724	9.973 310	2	118	
883	9.531 607	21	9.558 300	23	0.441 700	9.973 308	3	117	
884	9.531 628	21	9.558 323	24	0.441 677	9.973 305	3	116	
885	9.531 649	21	9.558 347	24	0.441 653	9.973 302	3	115	
886	9.531 670	21	9.558 371	24	0.441 629	9.973 299	2	114	
887	9.531 691	21	9.558 395	23	0.441 605	9.973 297	3	113	
888	9.531 712	21	9.558 418	24	0.441 582	9.973 294	3	112	
889	9.531 733	21	9.558 442	24	0.441 558	9.973 291	3	111	
.890	9.531 754	21	9.558 466	23	0.441 534	9.973 288	2	.110	
891	9.531 775	21	9.558 489	24	0.441 511	9.973 286	3	109	
892	9.531 796	21	9.558 513	24	0.441 487	9.973 283	3	108	
893	9.531 817	21	9.558 537	23	0.441 463	9.973 280	3	107	
894	9.531 838	21	9.558 560	24	0.441 440	9.973 277	2	106	
895	9.531 859	21	9.558 584	24	0.441 416	9.973 275	3	105	
896	9.531 880	21	9.558 608	23	0.441 392	9.973 272	3	104	
897	9.531 901	21	9.558 631	24	0.441 369	9.973 269	3	103	
898	9.531 922	21	9.558 655	24	0.441 345	9.973 266	2	102	
899	9.531 943	21	9.558 679	24	0.441 321	9.973 264	3	101	
.900	9.531 963	20	9.558 703		0.441 297	9.973 261		.100	
	cos	d	cotg	d	tang	sin	d	70°	P.P.

	24
1	2.4
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3	7.2
4	9.6
5	12.0
6	14.4
7	16.8
8	19.2
9	21.6

	23
1	2.3
2	4.6
3	6.9
4	9.2
5	11.5
6	13.8
7	16.1
8	18.4
9	20.7

	21
1	2.1
2	4.2
3	6.3
4	8.4
5	10.5
6	12.6
7	14.7
8	16.8
9	18.9

	20
1	2.0
2	4.0
3	6.0
4	8.0
5	10.0
6	12.0
7	14.0
8	16.0
9	18.0

70°.150 — 70°.100

19°.900 — 19°.950

19°	sin	d	tang	d	cotg	cos	d		P.P.
.900	9.531 963		9.558 703		0.441 297	9.973 261		**.100**	
		21		23			3		
901	9.531 984		9.558 726		0.441 274	9.973 258		099	
		21		24			3		
902	9.532 005		9.558 750		0.441 250	9.973 255		098	
		21		24			2		
903	9.532 026		9.558 774		0.441 226	9.973 253		097	
		21		23			3		
904	9.532 047		9.558 797		0.441 203	9.973 250		096	
		21		24			3		
905	9.532 068		9.558 821		0.441 179	9.973 247		095	
		21		24			3		
906	9.532 089		9.558 845		0.441 155	9.973 244		094	
		21		23			2		
907	9.532 110		9.558 868		0.441 132	9.973 242		093	
		21		24			3		
908	9.532 131		9.558 892		0.441 108	9.973 239		092	
		21		24			3		
909	9.532 152		9.558 916		0.441 084	9.973 236		091	
		21		23			2		
.910	9.532 173		9.558 939		0.441 061	9.973 234		**.090**	
		21		24			3		
911	9.532 194		9.558 963		0.441 037	9.973 231		089	
		21		24			3		
912	9.532 215		9.558 987		0.441 013	9.973 228		088	
		21		23			3		
913	9.532 236		9.559 010		0.440 990	9.973 225		087	
		20		24			2		
914	9.532 256		9.559 034		0.440 966	9.973 223		086	
		21		24			3		
915	9.532 277		9.559 058		0.440 942	9.973 220		085	
		21		23			3		
916	9.532 298		9.559 081		0.440 919	9.973 217		084	
		21		24			3		
917	9.532 319		9.559 105		0.440 895	9.973 214		083	
		21		24			2		
918	9.532 340		9.559 129		0.440 871	9.973 212		082	
		21		23			3		
919	9.532 361		9.559 152		0.440 848	9.973 209		081	
		21		24			3		
.920	9.532 382		9.559 176		0.440 824	9.973 206		**.080**	
		21		24			3		
921	9.532 403		9.559 200		0.440 800	9.973 203		079	
		21		23			2		
922	9.532 424		9.559 223		0.440 777	9.973 201		078	
		21		24			3		
923	9.532 445		9.559 247		0.440 753	9.973 198		077	
		21		24			3		
924	9.532 466		9.559 271		0.440 729	9.973 195		076	
		21		23			3		
925	9.532 487		9.559 294		0.440 706	9.973 192		075	
		20		24			2		
926	9.532 507		9.559 318		0.440 682	9.973 190		074	
		21		24			3		
927	9.532 528		9.559 342		0.440 658	9.973 187		073	
		21		23			3		
928	9.532 549		9.559 365		0.440 635	9.973 184		072	
		21		24			3		
929	9.532 570		9.559 389		0.440 611	9.973 181		071	
		21		24			2		
.930	9.532 591		9.559 413		0.440 587	9.973 179		**.070**	
		21		23			3		
931	9.532 612		9.559 436		0.440 564	9.973 176		069	
		21		24			3		
932	9.532 633		9.559 460		0.440 540	9.973 173		068	
		21		24			3		
933	9.532 654		9.559 484		0.440 516	9.973 170		067	
		21		23			2		
934	9.532 675		9.559 507		0.440 493	9.973 168		066	
		21		24			3		
935	9.532 696		9.559 531		0.440 469	9.973 165		065	
		21		23			3		
936	9.532 717		9.559 554		0.440 446	9.973 162		064	
		20		24			3		
937	9.532 737		9.559 578		0.440 422	9.973 159		063	
		21		24			2		
938	9.532 758		9.559 602		0.440 398	9.973 157		062	
		21		23			3		
939	9.532 779		9.559 625		0.440 375	9.973 154		061	
		21		24			3		
.940	9.532 800		9.559 649		0.440 351	9.973 151		**.060**	
		21		24			3		
941	9.532 821		9.559 673		0.440 327	9.973 148		059	
		21		23			2		
942	9.532 842		9.559 696		0.440 304	9.973 146		058	
		21		24			3		
943	9.532 863		9.559 720		0.440 280	9.973 143		057	
		21		24			3		
944	9.532 884		9.559 744		0.440 256	9.973 140		056	
		21		23			3		
945	9.532 905		9.559 767		0.440 233	9.973 137		055	
		20		24			2		
946	9.532 925		9.559 791		0.440 209	9.973 135		054	
		21		24			3		
947	9.532 946		9.559 815		0.440 185	9.973 132		053	
		21		23			3		
948	9.532 967		9.559 838		0.440 162	9.973 129		052	
		21		24			3		
949	9.532 988		9.559 862		0.440 138	9.973 126		051	
		21		23			2		
.950	9.533 009		9.559 885		0.440 115	9.973 124		**.050**	
	cos	d	cotg	d	tang	sin	d	**70°**	P.P.

	24
1	2.4
2	4.8
3	7.2
4	9.6
5	12.0
6	14.4
7	16.8
8	19.2
9	21.6

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6	13.8
7	16.1
8	18.4
9	20.7

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5	10.5
6	12.6
7	14.7
8	16.8
9	18.9

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1	2.0
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3	6.0
4	8.0
5	10.0
6	12.0
7	14.0
8	16.0
9	18.0

70°.100 — 70°.050

19°.950 — 20°.000

19°	sin	d	tang	d	cotg	cos	d		P.P.
.950	9.533 009	21	9.559 885	24	0.440 115	9.973 124	3	**.050**	
951	9.533 030	21	9.559 909	24	0.440 091	9.973 121	3	049	
952	9.533 051	21	9.559 933	23	0.440 067	9.973 118	3	048	
953	9.533 072	21	9.559 956	24	0.440 044	9.973 115	2	047	
954	9.533 093	20	9.559 980	24	0.440 020	9.973 113	3	046	
955	9.533 113	21	9.560 004	23	0.439 996	9.973 110	3	045	
956	9.533 134	21	9.560 027	24	0.439 973	9.973 107	3	044	
957	9.533 155	21	9.560 051	23	0.439 949	9.973 104	2	043	
958	9.533 176	21	9.560 074	24	0.439 926	9.973 102	3	042	
959	9.533 197	21	9.560 098	24	0.439 902	9.973 099	3	041	
.960	9.533 218	21	9.560 122	23	0.439 878	9.973 096	3	**.040**	
961	9.533 239	20	9.560 145	24	0.439 855	9.973 093	2	039	
962	9.533 259	21	9.560 169	24	0.439 831	9.973 091	3	038	
963	9.533 280	21	9.560 193	23	0.439 807	9.973 088	3	037	
964	9.533 301	21	9.560 216	24	0.439 784	9.973 085	3	036	
965	9.533 322	21	9.560 240	23	0.439 760	9.973 082	2	035	
966	9.533 343	21	9.560 263	24	0.439 737	9.973 080	3	034	
967	9.533 364	21	9.560 287	24	0.439 713	9.973 077	3	033	
968	9.533 385	21	9.560 311	23	0.439 689	9.973 074	3	032	
969	9.533 406	20	9.560 334	24	0.439 666	9.973 071	2	031	
.970	9.533 426	21	9.560 358	24	0.439 642	9.973 069	3	**.030**	
971	9.533 447	21	9.560 382	23	0.439 618	9.973 066	3	029	
972	9.533 468	21	9.560 405	24	0.439 595	9.973 063	3	028	
973	9.533 489	21	9.560 429	23	0.439 571	9.973 060	3	027	
974	9.533 510	21	9.560 452	24	0.439 548	9.973 057	2	026	
975	9.533 531	21	9.560 476	24	0.439 524	9.973 055	3	025	
976	9.533 552	20	9.560 500	23	0.439 500	9.973 052	3	024	
977	9.533 572	21	9.560 523	24	0.439 477	9.973 049	3	023	
978	9.533 593	21	9.560 547	23	0.439 453	9.973 046	2	022	
979	9.533 614	21	9.560 570	24	0.439 430	9.973 044	3	021	
.980	9.533 635	21	9.560 594	24	0.439 406	9.973 041	3	**.020**	
981	9.533 656	21	9.560 618	23	0.439 382	9.973 038	3	019	
982	9.533 677	20	9.560 641	24	0.439 359	9.973 035	2	018	
983	9.533 697	21	9.560 665	23	0.439 335	9.973 033	3	017	
984	9.533 718	21	9.560 688	24	0.439 312	9.973 030	3	016	
985	9.533 739	21	9.560 712	24	0.439 288	9.973 027	3	015	
986	9.533 760	21	9.560 736	23	0.439 264	9.973 024	2	014	
987	9.533 781	21	9.560 759	24	0.439 241	9.973 022	3	013	
988	9.533 802	21	9.560 783	23	0.439 217	9.973 019	3	012	
989	9.533 823	20	9.560 806	24	0.439 194	9.973 016	3	011	
.990	9.533 843	21	9.560 830	24	0.439 170	9.973 013	2	**.010**	
991	9.533 864	21	9.560 854	23	0.439 146	9.973 011	3	009	
992	9.533 885	21	9.560 877	24	0.439 123	9.973 008	3	008	
993	9.533 906	21	9.560 901	23	0.439 099	9.973 005	3	007	
994	9.533 927	21	9.560 924	24	0.439 076	9.973 002	2	006	
995	9.533 948	20	9.560 948	24	0.439 052	9.973 000	3	005	
996	9.533 968	21	9.560 972	23	0.439 028	9.972 997	3	004	
997	9.533 989	21	9.560 995	24	0.439 005	9.972 994	3	003	
998	9.534 010	21	9.561 019	23	0.438 981	9.972 991	2	002	
999	9.534 031	21	9.561 042	24	0.438 958	9.972 989	3	001	
*000	9.534 052		9.561 066		0.438 934	9.972 986		**.000**	
	cos	d	cotg	d	tang	sin	d	70°	P.P.

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6	13.8
7	16.1
8	18.4
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9	18.9

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4	8.0
5	10.0
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7	14.0
8	16.0
9	18.0

70°.050 — 70°.000

20°.000 — 20°.050

20°	sin	d	tang	d	cotg	cos	d		P.P.
.000	9.534 052	21	9.561 066	23	0.438 934	9.972 986	3	***000**	
001	9.534 073	20	9.561 089	24	0.438 911	9.972 983	3	999	
002	9.534 093	21	9.561 113	24	0.438 887	9.972 980	2	998	
003	9.534 114	21	9.561 137	23	0.438 863	9.972 978	3	997	
004	9.534 135	21	9.561 160	24	0.438 840	9.972 975	3	996	24
005	9.534 156	21	9.561 184	23	0.438 816	9.972 972	3	995	1 2.4
006	9.534 177	20	9.561 207	24	0.438 793	9.972 969	2	994	2 4.8
007	9.534 197	21	9.561 231	24	0.438 769	9.972 967	3	993	3 7.2
008	9.534 218	21	9.561 255	23	0.438 745	9.972 964	3	992	4 9.6
009	9.534 239	21	9.561 278	24	0.438 722	9.972 961	3	991	5 12.0
.010	9.534 260	21	9.561 302	23	0.438 698	9.972 958	3	**.990**	6 14.4
011	9.534 281	21	9.561 325	24	0.438 675	9.972 955	3	989	7 16.8
012	9.534 302	21	9.561 349	23	0.438 651	9.972 953	2	988	8 19.2
013	9.534 322	20	9.561 372	24	0.438 628	9.972 950	3	987	9 21.6
014	9.534 343	21	9.561 396	24	0.438 604	9.972 947	3	986	
015	9.534 364	21	9.561 420	23	0.438 580	9.972 944	3	985	23
016	9.534 385	21	9.561 443	24	0.438 557	9.972 942	2	984	1 2.3
017	9.534 406	21	9.561 467	23	0.438 533	9.972 939	3	983	2 4.6
018	9.534 426	20	9.561 490	24	0.438 510	9.972 936	3	982	3 6.9
019	9.534 447	21	9.561 514	23	0.438 486	9.972 933	3	981	4 9.2
.020	9.534 468	21	9.561 537	24	0.438 463	9.972 931	2	**.980**	5 11.5
021	9.534 489	21	9.561 561	23	0.438 439	9.972 928	3	979	6 13.8
022	9.534 510	21	9.561 584	24	0.438 416	9.972 925	3	978	7 16.1
023	9.534 530	20	9.561 608	24	0.438 392	9.972 922	3	977	8 18.4
024	9.534 551	21	9.561 632	23	0.438 368	9.972 920	2	976	9 20.7
025	9.534 572	21	9.561 655	24	0.438 345	9.972 917	3	975	
026	9.534 593	21	9.561 679	23	0.438 321	9.972 914	3	974	
027	9.534 614	21	9.561 702	24	0.438 298	9.972 911	3	973	21
028	9.534 634	20	9.561 726	23	0.438 274	9.972 909	2	972	1 2.1
029	9.534 655	21	9.561 749	24	0.438 251	9.972 906	3	971	2 4.2
.030	9.534 676	21	9.561 773	24	0.438 227	9.972 903	3	**.970**	3 6.3
031	9.534 697	21	9.561 797	23	0.438 203	9.972 900	3	969	4 8.4
032	9.534 718	21	9.561 820	24	0.438 180	9.972 897	3	968	5 10.5
033	9.534 738	20	9.561 844	23	0.438 156	9.972 895	2	967	6 12.6
034	9.534 759	21	9.561 867	24	0.438 133	9.972 892	3	966	7 14.7
035	9.534 780	21	9.561 891	23	0.438 109	9.972 889	3	965	8 16.8
036	9.534 801	21	9.561 914	24	0.438 086	9.972 886	3	964	9 18.9
037	9.534 821	20	9.561 938	23	0.438 062	9.972 884	2	963	
038	9.534 842	21	9.561 961	24	0.438 039	9.972 881	3	962	
039	9.534 863	21	9.561 985	23	0.438 015	9.972 878	3	961	20
.040	9.534 884	21	9.562 008	24	0.437 992	9.972 875	3	**.960**	1 2.0
041	9.534 905	21	9.562 032	24	0.437 968	9.972 873	2	959	2 4.0
042	9.534 925	20	9.562 056	23	0.437 944	9.972 870	3	958	3 6.0
043	9.534 946	21	9.562 079	24	0.437 921	9.972 867	3	957	4 8.0
044	9.534 967	21	9.562 103	23	0.437 897	9.972 864	3	956	5 10.0
045	9.534 988	21	9.562 126	24	0.437 874	9.972 862	2	955	6 12.0
046	9.535 008	20	9.562 150	23	0.437 850	9.972 859	3	954	7 14.0
047	9.535 029	21	9.562 173	24	0.437 827	9.972 856	3	953	8 16.0
048	9.535 050	21	9.562 197	23	0.437 803	9.972 853	3	952	9 18.0
049	9.535 071	21	9.562 220	24	0.437 780	9.972 850	3	951	
.050	9.535 092		9.562 244		0.437 756	9.972 848	2	**.950**	
	cos	d	cotg	d	tang	sin	d	**69°**	P.P.

70°.000 — 69°.950

20°.050 — 20°.100

20°	sin	d	tang	d	cotg	cos	d		P.P.
.050	9.535 092		9.562 244		0.437 756	9.972 848		**.950**	
		20		23			3		
051	9.535 112		9.562 267		0.437 733	9.972 845		949	
		21		24			3		
052	9.535 133		9.562 291		0.437 709	9.972 842		948	
		21		23			3		
053	9.535 154		9.562 314		0.437 686	9.972 839		947	
		21		24			2		
054	9.535 175		9.562 338		0.437 662	9.972 837		946	
		20		24			3		
055	9.535 195		9.562 362		0.437 638	9.972 834		945	
		21		23			3		
056	9.535 216		9.562 385		0.437 615	9.972 831		944	
		21		24			3		
057	9.535 237		9.562 409		0.437 591	9.972 828		943	
		21		23			2		
058	9.535 258		9.562 432		0.437 568	9.972 826		942	
		20		24			3		
059	9.535 278		9.562 456		0.437 544	9.972 823		941	
		21		23			3		
.060	9.535 299		9.562 479		0.437 521	9.972 820		**.940**	
		21		24			3		
061	9.535 320		9.562 503		0.437 497	9.972 817		939	
		21		23			3		
062	9.535 341		9.562 526		0.437 474	9.972 814		938	
		20		24			2		
063	9.535 361		9.562 550		0.437 450	9.972 812		937	
		21		23			3		
064	9.535 382		9.562 573		0.437 427	9.972 809		936	
		21		24			3		
065	9.535 403		9.562 597		0.437 403	9.972 806		935	
		21		23			3		
066	9.535 424		9.562 620		0.437 380	9.972 803		934	
		20		24			2		
067	9.535 444		9.562 644		0.437 356	9.972 801		933	
		21		23			3		
068	9.535 465		9.562 667		0.437 333	9.972 798		932	
		21		24			3		
069	9.535 486		9.562 691		0.437 309	9.972 795		931	
		21		23			3		
.070	9.535 507		9.562 714		0.437 286	9.972 792		**.930**	
		20		24			2		
071	9.535 527		9.562 738		0.437 262	9.972 790		929	
		21		23			3		
072	9.535 548		9.562 761		0.437 239	9.972 787		928	
		21		24			3		
073	9.535 569		9.562 785		0.437 215	9.972 784		927	
		21		23			3		
074	9.535 590		9.562 808		0.437 192	9.972 781		926	
		20		24			3		
075	9.535 610		9.562 832		0.437 168	9.972 778		925	
		21		23			2		
076	9.535 631		9.562 855		0.437 145	9.972 776		924	
		21		24			3		
077	9.535 652		9.562 879		0.437 121	9.972 773		923	
		21		23			3		
078	9.535 673		9.562 902		0.437 098	9.972 770		922	
		20		24			3		
079	9.535 693		9.562 926		0.437 074	9.972 767		921	
		21		23			2		
.080	9.535 714		9.562 949		0.437 051	9.972 765		**.920**	
		21		24			3		
081	9.535 735		9.562 973		0.437 027	9.972 762		919	
		21		23			3		
082	9.535 756		9.562 996		0.437 004	9.972 759		918	
		20		24			3		
083	9.535 776		9.563 020		0.436 980	9.972 756		917	
		21		24			2		
084	9.535 797		9.563 044		0.436 956	9.972 754		916	
		21		23			3		
085	9.535 818		9.563 067		0.436 933	9.972 751		915	
		21		24			3		
086	9.535 839		9.563 091		0.436 909	9.972 748		914	
		20		23			3		
087	9.535 859		9.563 114		0.436 886	9.972 745		913	
		21		24			3		
088	9.535 880		9.563 138		0.436 862	9.972 742		912	
		21		23			2		
089	9.535 901		9.563 161		0.436 839	9.972 740		911	
		20		24			3		
.090	9.535 921		9.563 185		0.436 815	9.972 737		**.910**	
		21		23			3		
091	9.535 942		9.563 208		0.436 792	9.972 734		909	
		21		23			3		
092	9.535 963		9.563 231		0.436 769	9.972 731		908	
		21		24			2		
093	9.535 984		9.563 255		0.436 745	9.972 729		907	
		20		23			3		
094	9.536 004		9.563 278		0.436 722	9.972 726		906	
		21		24			3		
095	9.536 025		9.563 302		0.436 698	9.972 723		905	
		21		23			3		
096	9.536 046		9.563 325		0.436 675	9.972 720		904	
		20		24			2		
097	9.536 066		9.563 349		0.436 651	9.972 718		903	
		21		23			3		
098	9.536 087		9.563 372		0.436 628	9.972 715		902	
		21		24			3		
099	9.536 108		9.563 396		0.436 604	9.972 712		901	
		21		23			3		
.100	9.536 129		9.563 419		0.436 581	9.972 709		**.900**	
	cos	d	cotg	d	tang	sin	d	**69°**	P.P.

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7	16.1
8	18.4
9	20.7

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9	18.9

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4	8.0
5	10.0
6	12.0
7	14.0
8	16.0
9	18.0

69°.950 — 69°.900

20°.100 — 20°.150

20°	sin	d	tang	d	cotg	cos	d		P.P.
.100	9.536 129		9.563 419		0.436 581	9.972 709		**.900**	
		20		24			3		
101	9.536 149		9.563 443		0.436 557	9.972 706		899	
		21		23			2		
102	9.536 170		9.563 466		0.436 534	9.972 704		898	
		21		24			3		
103	9.536 191		9.563 490		0.436 510	9.972 701		897	
		20		23			3		
104	9.536 211		9.563 513		0.436 487	9.972 698		896	
		21		24			3		
105	9.536 232		9.563 537		0.436 463	9.972 695		895	
		21		23			2		
106	9.536 253		9.563 560		0.436 440	9.972 693		894	
		21		24			3		
107	9.536 274		9.563 584		0.436 416	9.972 690		893	
		20		23			3		
108	9.536 294		9.563 607		0.436 393	9.972 687		892	
		21		24			3		
109	9.536 315		9.563 631		0.436 369	9.972 684		891	
		21		23			3		
.110	9.536 336		9.563 654		0.436 346	9.972 681		**.890**	
		20		24			2		
111	9.536 356		9.563 678		0.436 322	9.972 679		889	
		21		23			3		
112	9.536 377		9.563 701		0.436 299	9.972 676		888	
		21		24			3		
113	9.536 398		9.563 725		0.436 275	9.972 673		887	
		20		23			3		
114	9.536 418		9.563 748		0.436 252	9.972 670		886	
		21		24			2		
115	9.536 439		9.563 772		0.436 228	9.972 668		885	
		21		23			3		
116	9.536 460		9.563 795		0.436 205	9.972 665		884	
		21		24			3		
117	9.536 481		9.563 819		0.436 181	9.972 662		883	
		20		23			3		
118	9.536 501		9.563 842		0.436 158	9.972 659		882	
		21		23			3		
119	9.536 522		9.563 865		0.436 135	9.972 656		881	
		21		24			2		
.120	9.536 543		9.563 889		0.436 111	9.972 654		**.880**	
		20		23			3		
121	9.536 563		9.563 912		0.436 088	9.972 651		879	
		21		24			3		
122	9.536 584		9.563 936		0.436 064	9.972 648		878	
		21		23			3		
123	9.536 605		9.563 959		0.436 041	9.972 645		877	
		20		24			2		
124	9.536 625		9.563 983		0.436 017	9.972 643		876	
		21		23			3		
125	9.536 646		9.564 006		0.435 994	9.972 640		875	
		21		24			3		
126	9.536 667		9.564 030		0.435 970	9.972 637		874	
		20		23			3		
127	9.536 687		9.564 053		0.435 947	9.972 634		873	
		21		24			3		
128	9.536 708		9.564 077		0.435 923	9.972 631		872	
		21		23			2		
129	9.536 729		9.564 100		0.435 900	9.972 629		871	
		20		24			3		
.130	9.536 749		9.564 124		0.435 876	9.972 626		**.870**	
		21		23			3		
131	9.536 770		9.564 147		0.435 853	9.972 623		869	
		21		23			3		
132	9.536 791		9.564 170		0.435 830	9.972 620		868	
		21		24			2		
133	9.536 812		9.564 194		0.435 806	9.972 618		867	
		20		23			3		
134	9.536 832		9.564 217		0.435 783	9.972 615		866	
		21		24			3		
135	9.536 853		9.564 241		0.435 759	9.972 612		865	
		21		23			3		
136	9.536 874		9.564 264		0.435 736	9.972 609		864	
		20		24			3		
137	9.536 894		9.564 288		0.435 712	9.972 606		863	
		21		23			2		
138	9.536 915		9.564 311		0.435 689	9.972 604		862	
		21		24			3		
139	9.536 936		9.564 335		0.435 665	9.972 601		861	
		20		23			3		
.140	9.536 956		9.564 358		0.435 642	9.972 598		**.860**	
		21		24			3		
141	9.536 977		9.564 382		0.435 618	9.972 595		859	
		21		23			2		
142	9.536 998		9.564 405		0.435 595	9.972 593		858	
		20		23			3		
143	9.537 018		9.564 428		0.435 572	9.972 590		857	
		21		24			3		
144	9.537 039		9.564 452		0.435 548	9.972 587		856	
		21		23			3		
145	9.537 060		9.564 475		0.435 525	9.972 584		855	
		20		24			3		
146	9.537 080		9.564 499		0.435 501	9.972 581		854	
		21		23			2		
147	9.537 101		9.564 522		0.435 478	9.972 579		853	
		21		24			3		
148	9.537 122		9.564 546		0.435 454	9.972 576		852	
		20		23			3		
149	9.537 142		9.564 569		0.435 431	9.972 573		851	
		21		24			3		
.150	9.537 163		9.564 593		0.435 407	9.972 570		**.850**	
	cos	d	cotg	d	tang	sin	d	**69°**	P.P.

	24
1	2.4
2	4.8
3	7.2
4	9.6
5	12.0
6	14.4
7	16.8
8	19.2
9	21.6

	23
1	2.3
2	4.6
3	6.9
4	9.2
5	11.5
6	13.8
7	16.1
8	18.4
9	20.7

	21
1	2.1
2	4.2
3	6.3
4	8.4
5	10.5
6	12.6
7	14.7
8	16.8
9	18.9

	20
1	2.0
2	4.0
3	6.0
4	8.0
5	10.0
6	12.0
7	14.0
8	16.0
9	18.0

69°.900 — 69°.850

20°.150 — 20°.200

20°	sin	d	tang	d	cotg	cos	d		P.P.
.150	9.537 163	21	9.564 593	23	0.435 407	9.972 570	2	**.850**	
151	9.537 184	20	9.564 616	23	0.435 384	9.972 568	3	849	
152	9.537 204	21	9.564 639	24	0.435 361	9.972 565	3	848	
153	9.537 225	20	9.564 663	23	0.435 337	9.972 562	3	847	
154	9.537 245	21	9.564 686	24	0.435 314	9.972 559	3	846	
155	9.537 266	21	9.564 710	23	0.435 290	9.972 556	2	845	
156	9.537 287	20	9.564 733	24	0.435 267	9.972 554	3	844	
157	9.537 307	21	9.564 757	23	0.435 243	9.972 551	3	843	
158	9.537 328	21	9.564 780	23	0.435 220	9.972 548	3	842	
159	9.537 349	20	9.564 803	24	0.435 197	9.972 545	3	841	
.160	9.537 369	21	9.564 827	23	0.435 173	9.972 542	2	**.840**	
161	9.537 390	21	9.564 850	24	0.435 150	9.972 540	3	839	
162	9.537 411	20	9.564 874	23	0.435 126	9.972 537	3	838	
163	9.537 431	21	9.564 897	24	0.435 103	9.972 534	3	837	
164	9.537 452	21	9.564 921	23	0.435 079	9.972 531	2	836	
165	9.537 473	20	9.564 944	23	0.435 056	9.972 529	3	835	
166	9.537 493	21	9.564 967	24	0.435 033	9.972 526	3	834	
167	9.537 514	20	9.564 991	23	0.435 009	9.972 523	3	833	
168	9.537 534	21	9.565 014	24	0.434 986	9.972 520	3	832	
169	9.537 555	21	9.565 038	23	0.434 962	9.972 517	2	831	
.170	9.537 576	20	9.565 061	24	0.434 939	9.972 515	3	**.830**	
171	9.537 596	21	9.565 085	23	0.434 915	9.972 512	3	829	
172	9.537 617	21	9.565 108	23	0.434 892	9.972 509	3	828	
173	9.537 638	20	9.565 131	24	0.434 869	9.972 506	2	827	
174	9.537 658	21	9.565 155	23	0.434 845	9.972 504	3	826	
175	9.537 679	21	9.565 178	24	0.434 822	9.972 501	3	825	
176	9.537 700	20	9.565 202	23	0.434 798	9.972 498	3	824	
177	9.537 720	21	9.565 225	23	0.434 775	9.972 495	3	823	
178	9.537 741	20	9.565 248	24	0.434 752	9.972 492	2	822	
179	9.537 761	21	9.565 272	23	0.434 728	9.972 490	3	821	
.180	9.537 782	21	9.565 295	24	0.434 705	9.972 487	3	**.820**	
181	9.537 803	20	9.565 319	23	0.434 681	9.972 484	3	819	
182	9.537 823	21	9.565 342	23	0.434 658	9.972 481	3	818	
183	9.537 844	21	9.565 365	24	0.434 635	9.972 478	2	817	
184	9.537 865	20	9.565 389	23	0.434 611	9.972 476	3	816	
185	9.537 885	21	9.565 412	24	0.434 588	9.972 473	3	815	
186	9.537 906	20	9.565 436	23	0.434 564	9.972 470	3	814	
187	9.537 926	21	9.565 459	24	0.434 541	9.972 467	2	813	
188	9.537 947	21	9.565 483	23	0.434 517	9.972 465	3	812	
189	9.537 968	20	9.565 506	23	0.434 494	9.972 462	3	811	
.190	9.537 988	21	9.565 529	24	0.434 471	9.972 459	3	**.810**	
191	9.538 009	20	9.565 553	23	0.434 447	9.972 456	3	809	
192	9.538 029	21	9.565 576	24	0.434 424	9.972 453	2	808	
193	9.538 050	21	9.565 600	23	0.434 400	9.972 451	3	807	
194	9.538 071	20	9.565 623	23	0.434 377	9.972 448	3	806	
195	9.538 091	21	9.565 646	24	0.434 354	9.972 445	3	805	
196	9.538 112	21	9.565 670	23	0.434 330	9.972 442	3	804	
197	9.538 133	20	9.565 693	23	0.434 307	9.972 439	2	803	
198	9.538 153	21	9.565 716	24	0.434 284	9.972 437	3	802	
199	9.538 174	20	9.565 740	23	0.434 260	9.972 434	3	801	
.200	9.538 194		9.565 763		0.434 237	9.972 431		**.800**	
	cos	d	cotg	d	tang	sin	d	69°	P.P.

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1	2.4
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9	21.6

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3	6.9
4	9.2
5	11.5
6	13.8
7	16.1
8	18.4
9	20.7

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2	4.2
3	6.3
4	8.4
5	10.5
6	12.6
7	14.7
8	16.8
9	18.9

	20
1	2.0
2	4.0
3	6.0
4	8.0
5	10.0
6	12.0
7	14.0
8	16.0
9	18.0

69°.850 — 69°.800

20°.200 — 20°.250

20°	sin	d	tang	d	cotg	cos	d		P.P.
.200	9.538 194		9.565 763		0.434 237	9.972 431		**.800**	
		21		24			3		
201	9.538 215		9.565 787		0.434 213	9.972 428		799	
		21		23			3		
202	9.538 236		9.565 810		0.434 190	9.972 425		798	
		20		23			2		
203	9.538 256		9.565 833		0.434 167	9.972 423		797	
		21		24			3		
204	9.538 277		9.565 857		0.434 143	9.972 420		796	
		20		23			3		
205	9.538 297		9.565 880		0.434 120	9.972 417		795	
		21		24			3		
206	9.538 318		9.565 904		0.434 096	9.972 414		794	
		20		23			2		
207	9.538 338		9.565 927		0.434 073	9.972 412		793	
		21		23			3		
208	9.538 359		9.565 950		0.434 050	9.972 409		792	
		21		24			3		
209	9.538 380		9.565 974		0.434 026	9.972 406		791	
		20		23			3		
.210	9.538 400		9.565 997		0.434 003	9.972 403		**.790**	
		21		24			3		
211	9.538 421		9.566 021		0.433 979	9.972 400		789	
		20		23			2		
212	9.538 441		9.566 044		0.433 956	9.972 398		788	
		21		23			3		
213	9.538 462		9.566 067		0.433 933	9.972 395		787	
		21		24			3		
214	9.538 483		9.566 091		0.433 909	9.972 392		786	
		20		23			3		
215	9.538 503		9.566 114		0.433 886	9.972 389		785	
		21		23			3		
216	9.538 524		9.566 137		0.433 863	9.972 386		784	
		20		24			2		
217	9.538 544		9.566 161		0.433 839	9.972 384		783	
		21		23			3		
218	9.538 565		9.566 184		0.433 816	9.972 381		782	
		21		24			3		
219	9.538 586		9.566 208		0.433 792	9.972 378		781	
		20		23			3		
.220	9.538 606		9.566 231		0.433 769	9.972 375		**.780**	
		21		23			3		
221	9.538 627		9.566 254		0.433 746	9.972 372		779	
		20		24			2		
222	9.538 647		9.566 278		0.433 722	9.972 370		778	
		21		23			3		
223	9.538 668		9.566 301		0.433 699	9.972 367		777	
		20		23			3		
224	9.538 688		9.566 324		0.433 676	9.972 364		776	
		21		24			3		
225	9.538 709		9.566 348		0.433 652	9.972 361		775	
		21		23			3		
226	9.538 730		9.566 371		0.433 629	9.972 358		774	
		20		23			2		
227	9.538 750		9.566 394		0.433 606	9.972 356		773	
		21		24			3		
228	9.538 771		9.566 418		0.433 582	9.972 353		772	
		20		23			3		
229	9.538 791		9.566 441		0.433 559	9.972 350		771	
		21		24			3		
.230	9.538 812		9.566 465		0.433 535	9.972 347		**.770**	
		20		23			2		
231	9.538 832		9.566 488		0.433 512	9.972 345		769	
		21		23			3		
232	9.538 853		9.566 511		0.433 489	9.972 342		768	
		21		24			3		
233	9.538 874		9.566 535		0.433 465	9.972 339		767	
		20		23			3		
234	9.538 894		9.566 558		0.433 442	9.972 336		766	
		21		23			3		
235	9.538 915		9.566 581		0.433 419	9.972 333		765	
		20		24			2		
236	9.538 935		9.566 605		0.433 395	9.972 331		764	
		21		23			3		
237	9.538 956		9.566 628		0.433 372	9.972 328		763	
		20		23			3		
238	9.538 976		9.566 651		0.433 349	9.972 325		762	
		21		24			3		
239	9.538 997		9.566 675		0.433 325	9.972 322		761	
		20		23			3		
.240	9.539 017		9.566 698		0.433 302	9.972 319		**.760**	
		21		23			2		
241	9.539 038		9.566 721		0.433 279	9.972 317		759	
		21		24			3		
242	9.539 059		9.566 745		0.433 255	9.972 314		758	
		20		23			3		
243	9.539 079		9.566 768		0.433 232	9.972 311		757	
		21		24			3		
244	9.539 100		9.566 792		0.433 208	9.972 308		756	
		20		23			3		
245	9.539 120		9.566 815		0.433 185	9.972 305		755	
		21		23			2		
246	9.539 141		9.566 838		0.433 162	9.972 303		754	
		20		24			3		
247	9.539 161		9.566 862		0.433 138	9.972 300		753	
		21		23			3		
248	9.539 182		9.566 885		0.433 115	9.972 297		752	
		20		23			3		
249	9.539 202		9.566 908		0.433 092	9.972 294		751	
		21		24			3		
.250	9.539 223		9.566 932		0.433 068	9.972 291		**.750**	
	cos	d	cotg	d	tang	sin	d	69°	P.P.

	24
1	2.4
2	4.8
3	7.2
4	9.6
5	12.0
6	14.4
7	16.8
8	19.2
9	21.6

	23
1	2.3
2	4.6
3	6.9
4	9.2
5	11.5
6	13.8
7	16.1
8	18.4
9	20.7

	21
1	2.1
2	4.2
3	6.3
4	8.4
5	10.5
6	12.6
7	14.7
8	16.8
9	18.9

	20
1	2.0
2	4.0
3	6.0
4	8.0
5	10.0
6	12.0
7	14.0
8	16.0
9	18.0

69°.800 — 69°.750

20°.250 — 20°.300

20°	sin	d	tang	d	cotg	cos	d		P.P.
.250	9.539 223	21	9.566 932	23	0.433 068	9.972 291	2	**.750**	
251	9.539 244	20	9.566 955	23	0.433 045	9.972 289	3	749	
252	9.539 264	21	9.566 978	24	0.433 022	9.972 286	3	748	
253	9.539 285	20	9.567 002	23	0.432 998	9.972 283	3	747	
254	9.539 305	21	9.567 025	23	0.432 975	9.972 280	3	746	
255	9.539 326	20	9.567 048	24	0.432 952	9.972 277	2	745	
256	9.539 346	21	9.567 072	23	0.432 928	9.972 275	3	744	
257	9.539 367	20	9.567 095	23	0.432 905	9.972 272	3	743	
258	9.539 387	21	9.567 118	24	0.432 882	9.972 269	3	742	
259	9.539 408	20	9.567 142	23	0.432 858	9.972 266	3	741	
.260	9.539 428	21	9.567 165	23	0.432 835	9.972 263	2	**.740**	
261	9.539 449	20	9.567 188	24	0.432 812	9.972 261	3	739	
262	9.539 469	21	9.567 212	23	0.432 788	9.972 258	3	738	
263	9.539 490	21	9.567 235	23	0.432 765	9.972 255	3	737	
264	9.539 511	20	9.567 258	24	0.432 742	9.972 252	3	736	
265	9.539 531	21	9.567 282	23	0.432 718	9.972 249	2	735	
266	9.539 552	20	9.567 305	23	0.432 695	9.972 247	3	734	
267	9.539 572	21	9.567 328	24	0.432 672	9.972 244	3	733	
268	9.539 593	20	9.567 352	23	0.432 648	9.972 241	3	732	
269	9.539 613	21	9.567 375	23	0.432 625	9.972 238	3	731	
.270	9.539 634	20	9.567 398	24	0.432 602	9.972 235	2	**.730**	
271	9.539 654	21	9.567 422	23	0.432 578	9.972 233	3	729	
272	9.539 675	20	9.567 445	23	0.432 555	9.972 230	3	728	
273	9.539 695	21	9.567 468	24	0.432 532	9.972 227	3	727	
274	9.539 716	20	9.567 492	23	0.432 508	9.972 224	3	726	
275	9.539 736	21	9.567 515	23	0.432 485	9.972 221	2	725	
276	9.539 757	20	9.567 538	23	0.432 462	9.972 219	3	724	
277	9.539 777	21	9.567 561	24	0.432 439	9.972 216	3	723	
278	9.539 798	20	9.567 585	23	0.432 415	9.972 213	3	722	
279	9.539 818	21	9.567 608	23	0.432 392	9.972 210	3	721	
.280	9.539 839	20	9.567 631	24	0.432 369	9.972 207	2	**.720**	
281	9.539 859	21	9.567 655	23	0.432 345	9.972 205	3	719	
282	9.539 880	20	9.567 678	23	0.432 322	9.972 202	3	718	
283	9.539 900	21	9.567 701	24	0.432 299	9.972 199	3	717	
284	9.539 921	20	9.567 725	23	0.432 275	9.972 196	3	716	
285	9.539 941	21	9.567 748	23	0.432 252	9.972 193	2	715	
286	9.539 962	20	9.567 771	24	0.432 229	9.972 191	3	714	
287	9.539 982	21	9.567 795	23	0.432 205	9.972 188	3	713	
288	9.540 003	20	9.567 818	23	0.432 182	9.972 185	3	712	
289	9.540 023	21	9.567 841	24	0.432 159	9.972 182	3	711	
.290	9.540 044	20	9.567 865	23	0.432 135	9.972 179	2	**.710**	
291	9.540 064	21	9.567 888	23	0.432 112	9.972 177	3	709	
292	9.540 085	20	9.567 911	23	0.432 089	9.972 174	3	708	
293	9.540 105	21	9.567 934	24	0.432 066	9.972 171	3	707	
294	9.540 126	20	9.567 958	23	0.432 042	9.972 168	3	706	
295	9.540 146	21	9.567 981	23	0.432 019	9.972 165	2	705	
296	9.540 167	20	9.568 004	24	0.431 996	9.972 163	3	704	
297	9.540 187	21	9.568 028	23	0.431 972	9.972 160	3	703	
298	9.540 208	20	9.568 051	23	0.431 949	9.972 157	3	702	
299	9.540 228	21	9.568 074	24	0.431 926	9.972 154	3	701	
.300	9.540 249		9.568 098		0.431 902	9.972 151		**.700**	
	cos	d	cotg	d	tang	sin	d	69°	P.P.

	24
1	2.4
2	4.8
3	7.2
4	9.6
5	12.0
6	14.4
7	16.8
8	19.2
9	21.6

	23
1	2.3
2	4.6
3	6.9
4	9.2
5	11.5
6	13.8
7	16.1
8	18.4
9	20.7

	21
1	2.1
2	4.2
3	6.3
4	8.4
5	10.5
6	12.6
7	14.7
8	16.8
9	18.9

	20
1	2.0
2	4.0
3	6.0
4	8.0
5	10.0
6	12.0
7	14.0
8	16.0
9	18.0

69°.750 — 69°.700

20°.300 — 20°.350

20°	sin	d	tang	d	cotg	cos	d		P.P.
.300	9.540 249		9.568 098		0.431 902	9.972 151		**.700**	
		20		23			2		
301	9.540 269		9.568 121		0.431 879	9.972 149		699	
		21		23			3		
302	9.540 290		9.568 144		0.431 856	9.972 146		698	
		20		23			3		
303	9.540 310		9.568 167		0.431 833	9.972 143		697	
		21		24			3		
304	9.540 331		9.568 191		0.431 809	9.972 140		696	
		20		23			3		
305	9.540 351		9.568 214		0.431 786	9.972 137		695	
		21		23			2		
306	9.540 372		9.568 237		0.431 763	9.972 135		694	
		20		24			3		
307	9.540 392		9.568 261		0.431 739	9.972 132		693	
		21		23			3		
308	9.540 413		9.568 284		0.431 716	9.972 129		692	
		20		23			3		
309	9.540 433		9.568 307		0.431 693	9.972 126		691	
		21		23			3		
.310	9.540 454		9.568 330		0.431 670	9.972 123		**.690**	
		20		24			2		
311	9.540 474		9.568 354		0.431 646	9.972 121		689	
		21		23			3		
312	9.540 495		9.568 377		0.431 623	9.972 118		688	
		20		23			3		
313	9.540 515		9.568 400		0.431 600	9.972 115		687	
		21		24			3		
314	9.540 536		9.568 424		0.431 576	9.972 112		686	
		20		23			3		
315	9.540 556		9.568 447		0.431 553	9.972 109		685	
		21		23			2		
316	9.540 577		9.568 470		0.431 530	9.972 107		684	
		20		23			3		
317	9.540 597		9.568 493		0.431 507	9.972 104		683	
		21		24			3		
318	9.540 618		9.568 517		0.431 483	9.972 101		682	
		20		23			3		
319	9.540 638		9.568 540		0.431 460	9.972 098		681	
		21		23			3		
.320	9.540 659		9.568 563		0.431 437	9.972 095		**.680**	
		20		24			3		
321	9.540 679		9.568 587		0.431 413	9.972 092		679	
		20		23			2		
322	9.540 699		9.568 610		0.431 390	9.972 090		678	
		21		23			3		
323	9.540 720		9.568 633		0.431 367	9.972 087		677	
		20		23			3		
324	9.540 740		9.568 656		0.431 344	9.972 084		676	
		21		24			3		
325	9.540 761		9.568 680		0.431 320	9.972 081		675	
		20		23			3		
326	9.540 781		9.568 703		0.431 297	9.972 078		674	
		21		23			2		
327	9.540 802		9.568 726		0.431 274	9.972 076		673	
		20		23			3		
328	9.540 822		9.568 749		0.431 251	9.972 073		672	
		21		24			3		
329	9.540 843		9.568 773		0.431 227	9.972 070		671	
		20		23			3		
.330	9.540 863		9.568 796		0.431 204	9.972 067		**.670**	
		21		23			3		
331	9.540 884		9.568 819		0.431 181	9.972 064		669	
		20		23			2		
332	9.540 904		9.568 842		0.431 158	9.972 062		668	
		21		24			3		
333	9.540 925		9.568 866		0.431 134	9.972 059		667	
		20		23			3		
334	9.540 945		9.568 889		0.431 111	9.972 056		666	
		20		23			3		
335	9.540 965		9.568 912		0.431 088	9.972 053		665	
		21		24			3		
336	9.540 986		9.568 936		0.431 064	9.972 050		664	
		20		23			2		
337	9.541 006		9.568 959		0.431 041	9.972 048		663	
		21		23			3		
338	9.541 027		9.568 982		0.431 018	9.972 045		662	
		20		23			3		
339	9.541 047		9.569 005		0.430 995	9.972 042		661	
		21		24			3		
.340	9.541 068		9.569 029		0.430 971	9.972 039		**.660**	
		20		23			3		
341	9.541 088		9.569 052		0.430 948	9.972 036		659	
		21		23			2		
342	9.541 109		9.569 075		0.430 925	9.972 034		658	
		20		23			3		
343	9.541 129		9.569 098		0.430 902	9.972 031		657	
		20		24			3		
344	9.541 149		9.569 122		0.430 878	9.972 028		656	
		21		23			3		
345	9.541 170		9.569 145		0.430 855	9.972 025		655	
		20		23			3		
346	9.541 190		9.569 168		0.430 832	9.972 022		654	
		21		23			3		
347	9.541 211		9.569 191		0.430 809	9.972 019		653	
		20		24			2		
348	9.541 231		9.569 215		0.430 785	9.972 017		652	
		21		23			3		
349	9.541 252		9.569 238		0.430 762	9.972 014		651	
		20		23			3		
.350	9.541 272		9.569 261		0.430 739	9.972 011		**.650**	
	cos	d	cotg	d	tang	sin	d	69°	P.P.

	24
1	2.4
2	4.8
3	7.2
4	9.6
5	12.0
6	14.4
7	16.8
8	19.2
9	21.6

	23
1	2.3
2	4.6
3	6.9
4	9.2
5	11.5
6	13.8
7	16.1
8	18.4
9	20.7

	21
1	2.1
2	4.2
3	6.3
4	8.4
5	10.5
6	12.6
7	14.7
8	16.8
9	18.9

	20
1	2.0
2	4.0
3	6.0
4	8.0
5	10.0
6	12.0
7	14.0
8	16.0
9	18.0

69°.700 — 69°.650

20°.350 — 20°.400

20°	sin	d	tang	d	cotg	cos	d		P.P.
.350	9.541 272	21	9.569 261	23	0.430 739	9.972 011	3	**.650**	
351	9.541 293	20	9.569 284	24	0.430 716	9.972 008	3	649	
352	9.541 313	20	9.569 308	23	0.430 692	9.972 005	2	648	
353	9.541 333	21	9.569 331	23	0.430 669	9.972 003	3	647	
354	9.541 354	20	9.569 354	23	0.430 646	9.972 000	3	646	24
355	9.541 374	21	9.569 377	24	0.430 623	9.971 997	3	645	1 2.4
356	9.541 395	20	9.569 401	23	0.430 599	9.971 994	3	644	2 4.8
357	9.541 415	21	9.569 424	23	0.430 576	9.971 991	2	643	3 7.2
358	9.541 436	20	9.569 447	23	0.430 553	9.971 989	3	642	4 9.6
359	9.541 456	20	9.569 470	24	0.430 530	9.971 986	3	641	5 12.0
.360	9.541 476	21	9.569 494	23	0.430 506	9.971 983	3	**.640**	6 14.4
361	9.541 497	20	9.569 517	23	0.430 483	9.971 980	3	639	7 16.8
362	9.541 517	21	9.569 540	23	0.430 460	9.971 977	3	638	8 19.2
363	9.541 538	20	9.569 563	23	0.430 437	9.971 974	2	637	9 21.6
364	9.541 558	21	9.569 586	24	0.430 414	9.971 972	3	636	
365	9.541 579	20	9.569 610	23	0.430 390	9.971 969	3	635	23
366	9.541 599	20	9.569 633	23	0.430 367	9.971 966	3	634	1 2.3
367	9.541 619	21	9.569 656	23	0.430 344	9.971 963	3	633	2 4.6
368	9.541 640	20	9.569 679	24	0.430 321	9.971 960	2	632	3 6.9
369	9.541 660	21	9.569 703	23	0.430 297	9.971 958	3	631	4 9.2
.370	9.541 681	20	9.569 726	23	0.430 274	9.971 955	3	**.630**	5 11.5
371	9.541 701	20	9.569 749	23	0.430 251	9.971 952	3	629	6 13.8
372	9.541 721	21	9.569 772	24	0.430 228	9.971 949	3	628	7 16.1
373	9.541 742	20	9.569 796	23	0.430 204	9.971 946	2	627	8 18.4
374	9.541 762	21	9.569 819	23	0.430 181	9.971 944	3	626	9 20.7
375	9.541 783	20	9.569 842	23	0.430 158	9.971 941	3	625	
376	9.541 803	20	9.569 865	23	0.430 135	9.971 938	3	624	
377	9.541 823	21	9.569 888	24	0.430 112	9.971 935	3	623	21
378	9.541 844	20	9.569 912	23	0.430 088	9.971 932	3	622	1 2.1
379	9.541 864	21	9.569 935	23	0.430 065	9.971 929	3	621	2 4.2
.380	9.541 885	20	9.569 958	23	0.430 042	9.971 927	2	**.620**	3 6.3
381	9.541 905	21	9.569 981	24	0.430 019	9.971 924	3	619	4 8.4
382	9.541 926	20	9.570 005	23	0.429 995	9.971 921	3	618	5 10.5
383	9.541 946	20	9.570 028	23	0.429 972	9.971 918	3	617	6 12.6
384	9.541 966	21	9.570 051	23	0.429 949	9.971 915	3	616	7 14.7
385	9.541 987	20	9.570 074	23	0.429 926	9.971 913	2	615	8 16.8
386	9.542 007	21	9.570 097	24	0.429 903	9.971 910	3	614	9 18.9
387	9.542 028	20	9.570 121	23	0.429 879	9.971 907	3	613	
388	9.542 048	20	9.570 144	23	0.429 856	9.971 904	3	612	
389	9.542 068	21	9.570 167	23	0.429 833	9.971 901	3	611	20
.390	9.542 089	20	9.570 190	23	0.429 810	9.971 898	3	**.610**	1 2.0
391	9.542 109	20	9.570 213	24	0.429 787	9.971 896	2	609	2 4.0
392	9.542 129	21	9.570 237	23	0.429 763	9.971 893	3	608	3 6.0
393	9.542 150	20	9.570 260	23	0.429 740	9.971 890	3	607	4 8.0
394	9.542 170	21	9.570 283	23	0.429 717	9.971 887	3	606	5 10.0
395	9.542 191	20	9.570 306	23	0.429 694	9.971 884	3	605	6 12.0
396	9.542 211	20	9.570 329	24	0.429 671	9.971 882	2	604	7 14.0
397	9.542 231	21	9.570 353	23	0.429 647	9.971 879	3	603	8 16.0
398	9.542 252	20	9.570 376	23	0.429 624	9.971 876	3	602	9 18.0
399	9.542 272	21	9.570 399	23	0.429 601	9.971 873	3	601	
.400	9.542 293		9.570 422		0.429 578	9.971 870	3	**.600**	
	cos	d	cotg	d	tang	sin	d	69°	P.P.

69°.650 — 69°.600

20°.400 — 20°.450

20°	sin	d	tang	d	cotg	cos	d		P.P.
.400	9.542 293	20	9.570 422	23	0.429 578	9.971 870	3	**.600**	
401	9.542 313	20	9.570 445	24	0.429 555	9.971 867	2	599	
402	9.542 333	21	9.570 469	23	0.429 531	9.971 865	3	598	
403	9.542 354	20	9.570 492	23	0.429 508	9.971 862	3	597	
404	9.542 374	20	9.570 515	23	0.429 485	9.971 859	3	596	
405	9.542 394	21	9.570 538	23	0.429 462	9.971 856	3	595	
406	9.542 415	20	9.570 561	24	0.429 439	9.971 853	2	594	
407	9.542 435	21	9.570 585	23	0.429 415	9.971 851	3	593	
408	9.542 456	20	9.570 608	23	0.429 392	9.971 848	3	592	
409	9.542 476	20	9.570 631	23	0.429 369	9.971 845	3	591	
.410	9.542 496	21	9.570 654	23	0.429 346	9.971 842	3	**.590**	
411	9.542 517	20	9.570 677	24	0.429 323	9.971 839	3	589	
412	9.542 537	20	9.570 701	23	0.429 299	9.971 836	2	588	
413	9.542 557	21	9.570 724	23	0.429 276	9.971 834	3	587	
414	9.542 578	20	9.570 747	23	0.429 253	9.971 831	3	586	
415	9.542 598	21	9.570 770	23	0.429 230	9.971 828	3	585	
416	9.542 619	20	9.570 793	24	0.429 207	9.971 825	3	584	
417	9.542 639	20	9.570 817	23	0.429 183	9.971 822	2	583	
418	9.542 659	21	9.570 840	23	0.429 160	9.971 820	3	582	
419	9.542 680	20	9.570 863	23	0.429 137	9.971 817	3	581	
.420	9.542 700	20	9.570 886	23	0.429 114	9.971 814	3	**.580**	
421	9.542 720	21	9.570 909	23	0.429 091	9.971 811	3	579	
422	9.542 741	20	9.570 932	24	0.429 068	9.971 808	3	578	
423	9.542 761	20	9.570 956	23	0.429 044	9.971 805	2	577	
424	9.542 781	21	9.570 979	23	0.429 021	9.971 803	3	576	
425	9.542 802	20	9.571 002	23	0.428 998	9.971 800	3	575	
426	9.542 822	20	9.571 025	23	0.428 975	9.971 797	3	574	
427	9.542 842	21	9.571 048	24	0.428 952	9.971 794	3	573	
428	9.542 863	20	9.571 072	23	0.428 928	9.971 791	3	572	
429	9.542 883	21	9.571 095	23	0.428 905	9.971 788	3	571	
.430	9.542 904	20	9.571 118	23	0.428 882	9.971 786	2	**.570**	
431	9.542 924	20	9.571 141	23	0.428 859	9.971 783	3	569	
432	9.542 944	21	9.571 164	23	0.428 836	9.971 780	3	568	
433	9.542 965	20	9.571 187	24	0.428 813	9.971 777	3	567	
434	9.542 985	20	9.571 211	23	0.428 789	9.971 774	3	566	
435	9.543 005	21	9.571 234	23	0.428 766	9.971 772	2	565	
436	9.543 026	20	9.571 257	23	0.428 743	9.971 769	3	564	
437	9.543 046	20	9.571 280	23	0.428 720	9.971 766	3	563	
438	9.543 066	21	9.571 303	23	0.428 697	9.971 763	3	562	
439	9.543 087	20	9.571 326	24	0.428 674	9.971 760	3	561	
.440	9.543 107	20	9.571 350	23	0.428 650	9.971 757	2	**.560**	
441	9.543 127	21	9.571 373	23	0.428 627	9.971 755	3	559	
442	9.543 148	20	9.571 396	23	0.428 604	9.971 752	3	558	
443	9.543 168	20	9.571 419	23	0.428 581	9.971 749	3	557	
444	9.543 188	21	9.571 442	23	0.428 558	9.971 746	3	556	
445	9.543 209	20	9.571 465	24	0.428 535	9.971 743	3	555	
446	9.543 229	20	9.571 489	23	0.428 511	9.971 740	2	554	
447	9.543 249	21	9.571 512	23	0.428 488	9.971 738	3	553	
448	9.543 270	20	9.571 535	23	0.428 465	9.971 735	3	552	
449	9.543 290	20	9.571 558	23	0.428 442	9.971 732	3	551	
.450	9.543 310		9.571 581		0.428 419	9.971 729		**.550**	
	cos	d	cotg	d	tang	sin	d	69°	P.P.

	24
1	2.4
2	4.8
3	7.2
4	9.6
5	12.0
6	14.4
7	16.8
8	19.2
9	21.6

	23
1	2.3
2	4.6
3	6.9
4	9.2
5	11.5
6	13.8
7	16.1
8	18.4
9	20.7

	21
1	2.1
2	4.2
3	6.3
4	8.4
5	10.5
6	12.6
7	14.7
8	16.8
9	18.9

	20
1	2.0
2	4.0
3	6.0
4	8.0
5	10.0
6	12.0
7	14.0
8	16.0
9	18.0

69°.600 — 69°.550

20°.450 — 20°.500

20°	sin	d	tang	d	cotg	cos	d		P.P.
.450	9.543 310	21	9.571 581	23	0.428 419	9.971 729	3	**.550**	
451	9.543 331	20	9.571 604	23	0.428 396	9.971 726	3	549	
452	9.543 351	20	9.571 627	24	0.428 373	9.971 723	2	548	
453	9.543 371	21	9.571 651	23	0.428 349	9.971 721	3	547	
454	9.543 392	20	9.571 674	23	0.428 326	9.971 718	3	546	
455	9.543 412	20	9.571 697	23	0.428 303	9.971 715	3	545	
456	9.543 432	21	9.571 720	23	0.428 280	9.971 712	3	544	
457	9.543 453	20	9.571 743	23	0.428 257	9.971 709	2	543	
458	9.543 473	20	9.571 766	23	0.428 234	9.971 707	3	542	
459	9.543 493	21	9.571 789	24	0.428 211	9.971 704	3	541	
.460	9.543 514	20	9.571 813	23	0.428 187	9.971 701	3	**.540**	
461	9.543 534	20	9.571 836	23	0.428 164	9.971 698	3	539	
462	9.543 554	20	9.571 859	23	0.428 141	9.971 695	3	538	
463	9.543 574	21	9.571 882	23	0.428 118	9.971 692	2	537	
464	9.543 595	20	9.571 905	23	0.428 095	9.971 690	3	536	
465	9.543 615	20	9.571 928	23	0.428 072	9.971 687	3	535	
466	9.543 635	21	9.571 951	24	0.428 049	9.971 684	3	534	
467	9.543 656	20	9.571 975	23	0.428 025	9.971 681	3	533	
468	9.543 676	20	9.571 998	23	0.428 002	9.971 678	3	532	
469	9.543 696	21	9.572 021	23	0.427 979	9.971 675	2	531	
.470	9.543 717	20	9.572 044	23	0.427 956	9.971 673	3	**.530**	
471	9.543 737	20	9.572 067	23	0.427 933	9.971 670	3	529	
472	9.543 757	21	9.572 090	23	0.427 910	9.971 667	3	528	
473	9.543 778	20	9.572 113	24	0.427 887	9.971 664	3	527	
474	9.543 798	20	9.572 137	23	0.427 863	9.971 661	3	526	
475	9.543 818	20	9.572 160	23	0.427 840	9.971 658	2	525	
476	9.543 838	21	9.572 183	23	0.427 817	9.971 656	3	524	
477	9.543 859	20	9.572 206	23	0.427 794	9.971 653	3	523	
478	9.543 879	20	9.572 229	23	0.427 771	9.971 650	3	522	
479	9.543 899	21	9.572 252	23	0.427 748	9.971 647	3	521	
.480	9.543 920	20	9.572 275	23	0.427 725	9.971 644	3	**.520**	
481	9.543 940	20	9.572 298	24	0.427 702	9.971 641	2	519	
482	9.543 960	20	9.572 322	23	0.427 678	9.971 639	3	518	
483	9.543 980	21	9.572 345	23	0.427 655	9.971 636	3	517	
484	9.544 001	20	9.572 368	23	0.427 632	9.971 633	3	516	
485	9.544 021	20	9.572 391	23	0.427 609	9.971 630	3	515	
486	9.544 041	21	9.572 414	23	0.427 586	9.971 627	3	514	
487	9.544 062	20	9.572 437	23	0.427 563	9.971 624	2	513	
488	9.544 082	20	9.572 460	23	0.427 540	9.971 622	3	512	
489	9.544 102	21	9.572 483	24	0.427 517	9.971 619	3	511	
.490	9.544 123	20	9.572 507	23	0.427 493	9.971 616	3	**.510**	
491	9.544 143	20	9.572 530	23	0.427 470	9.971 613	3	509	
492	9.544 163	20	9.572 553	23	0.427 447	9.971 610	3	508	
493	9.544 183	21	9.572 576	23	0.427 424	9.971 607	2	507	
494	9.544 204	20	9.572 599	23	0.427 401	9.971 605	3	506	
495	9.544 224	20	9.572 622	23	0.427 378	9.971 602	3	505	
496	9.544 244	20	9.572 645	23	0.427 355	9.971 599	3	504	
497	9.544 264	21	9.572 668	23	0.427 332	9.971 596	3	503	
498	9.544 285	20	9.572 691	24	0.427 309	9.971 593	3	502	
499	9.544 305	20	9.572 715	23	0.427 285	9.971 590	2	501	
.500	9.544 325		9.572 738		0.427 262	9.971 588		**.500**	
	cos	d	cotg	d	tang	sin	d	69°	P.P.

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69°.550 — 69°.500

20°.500 — 20°.550

20°	sin	d	tang	d	cotg	cos	d		P.P.
.500	9.544 325	21	9.572 738	23	0.427 262	9.971 588	3	**.500**	
501	9.544 346	20	9.572 761	23	0.427 239	9.971 585	3	499	
502	9.544 366	20	9.572 784	23	0.427 216	9.971 582	3	498	
503	9.544 386	20	9.572 807	23	0.427 193	9.971 579	3	497	
504	9.544 406	21	9.572 830	23	0.427 170	9.971 576	3	496	
505	9.544 427	20	9.572 853	23	0.427 147	9.971 573	2	495	
506	9.544 447	20	9.572 876	23	0.427 124	9.971 571	3	494	
507	9.544 467	20	9.572 899	23	0.427 101	9.971 568	3	493	
508	9.544 487	21	9.572 922	24	0.427 078	9.971 565	3	492	
509	9.544 508	20	9.572 946	23	0.427 054	9.971 562	3	491	
.510	9.544 528	20	9.572 969	23	0.427 031	9.971 559	3	**.490**	
511	9.544 548	20	9.572 992	23	0.427 008	9.971 556	2	489	
512	9.544 568	21	9.573 015	23	0.426 985	9.971 554	3	488	
513	9.544 589	20	9.573 038	23	0.426 962	9.971 551	3	487	
514	9.544 609	20	9.573 061	23	0.426 939	9.971 548	3	486	
515	9.544 629	21	9.573 084	23	0.426 916	9.971 545	3	485	
516	9.544 650	20	9.573 107	23	0.426 893	9.971 542	3	484	
517	9.544 670	20	9.573 130	23	0.426 870	9.971 539	2	483	
518	9.544 690	20	9.573 153	24	0.426 847	9.971 537	3	482	
519	9.544 710	21	9.573 177	23	0.426 823	9.971 534	3	481	
.520	9.544 731	20	9.573 200	23	0.426 800	9.971 531	3	**.480**	
521	9.544 751	20	9.573 223	23	0.426 777	9.971 528	3	479	
522	9.544 771	20	9.573 246	23	0.426 754	9.971 525	3	478	
523	9.544 791	21	9.573 269	23	0.426 731	9.971 522	2	477	
524	9.544 812	20	9.573 292	23	0.426 708	9.971 520	3	476	
525	9.544 832	20	9.573 315	23	0.426 685	9.971 517	3	475	
526	9.544 852	20	9.573 338	23	0.426 662	9.971 514	3	474	
527	9.544 872	21	9.573 361	23	0.426 639	9.971 511	3	473	
528	9.544 893	20	9.573 384	23	0.426 616	9.971 508	3	472	
529	9.544 913	20	9.573 407	23	0.426 593	9.971 505	3	471	
.530	9.544 933	20	9.573 430	23	0.426 570	9.971 503	2	**.470**	
531	9.544 953	20	9.573 454	24	0.426 546	9.971 500	3	469	
532	9.544 973	20	9.573 477	23	0.426 523	9.971 497	3	468	
533	9.544 994	21	9.573 500	23	0.426 500	9.971 494	3	467	
534	9.545 014	20	9.573 523	23	0.426 477	9.971 491	3	466	
535	9.545 034	20	9.573 546	23	0.426 454	9.971 488	3	465	
536	9.545 054	20	9.573 569	23	0.426 431	9.971 486	2	464	
537	9.545 075	21	9.573 592	23	0.426 408	9.971 483	3	463	
538	9.545 095	20	9.573 615	23	0.426 385	9.971 480	3	462	
539	9.545 115	20	9.573 638	23	0.426 362	9.971 477	3	461	
.540	9.545 135	20	9.573 661	23	0.426 339	9.971 474	3	**.460**	
541	9.545 156	21	9.573 684	23	0.426 316	9.971 471	3	459	
542	9.545 176	20	9.573 707	23	0.426 293	9.971 468	3	458	
543	9.545 196	20	9.573 730	23	0.426 270	9.971 466	2	457	
544	9.545 216	20	9.573 753	23	0.426 247	9.971 463	3	456	
545	9.545 237	21	9.573 777	24	0.426 223	9.971 460	3	455	
546	9.545 257	20	9.573 800	23	0.426 200	9.971 457	3	454	
547	9.545 277	20	9.573 823	23	0.426 177	9.971 454	3	453	
548	9.545 297	20	9.573 846	23	0.426 154	9.971 451	3	452	
549	9.545 317	20	9.573 869	23	0.426 131	9.971 449	2	451	
.550	9.545 338	21	9.573 892	23	0.426 108	9.971 446	3	**.450**	
	cos	d	cotg	d	tang	sin	d	69°	P.P.

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8	16.0
9	18.0

69°.500 — 69°.450

20°.550 — 20°.600

20°	sin	d	tang	d	cotg	cos	d		P.P.
.550	9.545 338	20	9.573 892	23	0.426 108	9.971 446	3	**.450**	
551	9.545 358	20	9.573 915	23	0.426 085	9.971 443	3	449	
552	9.545 378	20	9.573 938	23	0.426 062	9.971 440	3	448	
553	9.545 398	20	9.573 961	23	0.426 039	9.971 437	3	447	
554	9.545 418	21	9.573 984	23	0.426 016	9.971 434	2	446	
555	9.545 439	20	9.574 007	23	0.425 993	9.971 432	3	445	
556	9.545 459	20	9.574 030	23	0.425 970	9.971 429	3	444	
557	9.545 479	20	9.574 053	23	0.425 947	9.971 426	3	443	
558	9.545 499	21	9.574 076	23	0.425 924	9.971 423	3	442	
559	9.545 520	20	9.574 099	23	0.425 901	9.971 420	3	441	
.560	9.545 540	20	9.574 122	23	0.425 878	9.971 417	3	**.440**	
561	9.545 560	20	9.574 145	24	0.425 855	9.971 414	2	439	
562	9.545 580	20	9.574 169	23	0.425 831	9.971 412	3	438	
563	9.545 600	21	9.574 192	23	0.425 808	9.971 409	3	437	
564	9.545 621	20	9.574 215	23	0.425 785	9.971 406	3	436	
565	9.545 641	20	9.574 238	23	0.425 762	9.971 403	3	435	
566	9.545 661	20	9.574 261	23	0.425 739	9.971 400	3	434	
567	9.545 681	20	9.574 284	23	0.425 716	9.971 397	2	433	
568	9.545 701	21	9.574 307	23	0.425 693	9.971 395	3	432	
569	9.545 722	20	9.574 330	23	0.425 670	9.971 392	3	431	
.570	9.545 742	20	9.574 353	23	0.425 647	9.971 389	3	**.430**	
571	9.545 762	20	9.574 376	23	0.425 624	9.971 386	3	429	
572	9.545 782	20	9.574 399	23	0.425 601	9.971 383	3	428	
573	9.545 802	21	9.574 422	23	0.425 578	9.971 380	3	427	
574	9.545 823	20	9.574 445	23	0.425 555	9.971 377	2	426	
575	9.545 843	20	9.574 468	23	0.425 532	9.971 375	3	425	
576	9.545 863	20	9.574 491	23	0.425 509	9.971 372	3	424	
577	9.545 883	20	9.574 514	23	0.425 486	9.971 369	3	423	
578	9.545 903	21	9.574 537	23	0.425 463	9.971 366	3	422	
579	9.545 924	20	9.574 560	23	0.425 440	9.971 363	3	421	
.580	9.545 944	20	9.574 583	23	0.425 417	9.971 360	3	**.420**	
581	9.545 964	20	9.574 606	23	0.425 394	9.971 358	2	419	
582	9.545 984	20	9.574 629	23	0.425 371	9.971 355	3	418	
583	9.546 004	20	9.574 652	23	0.425 348	9.971 352	3	417	
584	9.546 024	21	9.574 675	23	0.425 325	9.971 349	3	416	
585	9.546 045	20	9.574 698	23	0.425 302	9.971 346	3	415	
586	9.546 065	20	9.574 721	23	0.425 279	9.971 343	3	414	
587	9.546 085	20	9.574 745	24	0.425 255	9.971 340	3	413	
588	9.546 105	20	9.574 768	23	0.425 232	9.971 338	2	412	
589	9.546 125	21	9.574 791	23	0.425 209	9.971 335	3	411	
.590	9.546 146	20	9.574 814	23	0.425 186	9.971 332	3	**.410**	
591	9.546 166	20	9.574 837	23	0.425 163	9.971 329	3	409	
592	9.546 186	20	9.574 860	23	0.425 140	9.971 326	3	408	
593	9.546 206	20	9.574 883	23	0.425 117	9.971 323	2	407	
594	9.546 226	20	9.574 906	23	0.425 094	9.971 321	3	406	
595	9.546 246	21	9.574 929	23	0.425 071	9.971 318	3	405	
596	9.546 267	20	9.574 952	23	0.425 048	9.971 315	3	404	
597	9.546 287	20	9.574 975	23	0.425 025	9.971 312	3	403	
598	9.546 307	20	9.574 998	23	0.425 002	9.971 309	3	402	
599	9.546 327	20	9.575 021	23	0.424 979	9.971 306	3	401	
.600	9.546 347		9.575 044		0.424 956	9.971 303		**.400**	
	cos	d	cotg	d	tang	sin	d	69°	P.P.

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69°.450 — 69°.400

20°.600 — 20°.650

20°	sin	d	tang	d	cotg	cos	d		P.P.
.600	9.546 347	20	9.575 044	23	0.424 956	9.971 303	2	**.400**	
601	9.546 367	21	9.575 067	23	0.424 933	9.971 301	3	399	
602	9.546 388	20	9.575 090	23	0.424 910	9.971 298	3	398	
603	9.546 408	20	9.575 113	23	0.424 887	9.971 295	3	397	
604	9.546 428	20	9.575 136	23	0.424 864	9.971 292	3	396	
605	9.546 448	20	9.575 159	23	0.424 841	9.971 289	3	395	
606	9.546 468	20	9.575 182	23	0.424 818	9.971 286	3	394	
607	9.546 488	20	9.575 205	23	0.424 795	9.971 284	2	393	
608	9.546 509	21	9.575 228	23	0.424 772	9.971 281	3	392	
609	9.546 529	20	9.575 251	23	0.424 749	9.971 278	3	391	
.610	9.546 549	20	9.575 274	23	0.424 726	9.971 275	3	**.390**	
611	9.546 569	20	9.575 297	23	0.424 703	9.971 272	3	389	
612	9.546 589	20	9.575 320	23	0.424 680	9.971 269	3	388	
613	9.546 609	20	9.575 343	23	0.424 657	9.971 266	3	387	
614	9.546 629	20	9.575 366	23	0.424 634	9.971 264	2	386	
615	9.546 650	21	9.575 389	23	0.424 611	9.971 261	3	385	
616	9.546 670	20	9.575 412	23	0.424 588	9.971 258	3	384	
617	9.546 690	20	9.575 435	23	0.424 565	9.971 255	3	383	
618	9.546 710	20	9.575 458	23	0.424 542	9.971 252	3	382	
619	9.546 730	20	9.575 481	23	0.424 519	9.971 249	3	381	
.620	9.546 750	20	9.575 504	23	0.424 496	9.971 246	3	**.380**	
621	9.546 770	20	9.575 527	23	0.424 473	9.971 244	2	379	
622	9.546 791	21	9.575 550	23	0.424 450	9.971 241	3	378	
623	9.546 811	20	9.575 573	23	0.424 427	9.971 238	3	377	
624	9.546 831	20	9.575 596	23	0.424 404	9.971 235	3	376	
625	9.546 851	20	9.575 619	23	0.424 381	9.971 232	3	375	
626	9.546 871	20	9.575 642	23	0.424 358	9.971 229	3	374	
627	9.546 891	20	9.575 665	23	0.424 335	9.971 226	3	373	
628	9.546 911	20	9.575 688	23	0.424 312	9.971 224	2	372	
629	9.546 932	21	9.575 711	23	0.424 289	9.971 221	3	371	
.630	9.546 952	20	9.575 734	23	0.424 266	9.971 218	3	**.370**	
631	9.546 972	20	9.575 757	23	0.424 243	9.971 215	3	369	
632	9.546 992	20	9.575 780	23	0.424 220	9.971 212	3	368	
633	9.547 012	20	9.575 803	23	0.424 197	9.971 209	3	367	
634	9.547 032	20	9.575 826	23	0.424 174	9.971 207	2	366	
635	9.547 052	20	9.575 849	23	0.424 151	9.971 204	3	365	
636	9.547 073	21	9.575 872	23	0.424 128	9.971 201	3	364	
637	9.547 093	20	9.575 895	23	0.424 105	9.971 198	3	363	
638	9.547 113	20	9.575 918	23	0.424 082	9.971 195	3	362	
639	9.547 133	20	9.575 941	23	0.424 059	9.971 192	3	361	
.640	9.547 153	20	9.575 964	23	0.424 036	9.971 189	3	**.360**	
641	9.547 173	20	9.575 987	23	0.424 013	9.971 187	2	359	
642	9.547 193	20	9.576 010	23	0.423 990	9.971 184	3	358	
643	9.547 213	20	9.576 033	23	0.423 967	9.971 181	3	357	
644	9.547 234	21	9.576 056	23	0.423 944	9.971 178	3	356	
645	9.547 254	20	9.576 079	23	0.423 921	9.971 175	3	355	
646	9.547 274	20	9.576 101	22	0.423 899	9.971 172	3	354	
647	9.547 294	20	9.576 124	23	0.423 876	9.971 169	3	353	
648	9.547 314	20	9.576 147	23	0.423 853	9.971 167	2	352	
649	9.547 334	20	9.576 170	23	0.423 830	9.971 164	3	351	
.650	9.547 354	20	9.576 193	23	0.423 807	9.971 161	3	**.350**	
	cos	d	cotg	d	tang	sin	d	69°	P.P.

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5	10.5
6	12.6
7	14.7
8	16.8
9	18.9

	20
1	2.0
2	4.0
3	6.0
4	8.0
5	10.0
6	12.0
7	14.0
8	16.0
9	18.0

69°.400 — 69°.350

20°.650 — 20°.700

20°	sin	d	tang	d	cotg	cos	d		P.P.
.650	9.547 354	20	9.576 193	23	0.423 807	9.971 161	3	**.350**	
651	9.547 374	20	9.576 216	23	0.423 784	9.971 158	3	349	
652	9.547 394	21	9.576 239	23	0.423 761	9.971 155	3	348	
653	9.547 415	20	9.576 262	23	0.423 738	9.971 152	3	347	
654	9.547 435	20	9.576 285	23	0.423 715	9.971 149	2	346	
655	9.547 455	20	9.576 308	23	0.423 692	9.971 147	3	345	
656	9.547 475	20	9.576 331	23	0.423 669	9.971 144	3	344	
657	9.547 495	20	9.576 354	23	0.423 646	9.971 141	3	343	
658	9.547 515	20	9.576 377	23	0.423 623	9.971 138	3	342	
659	9.547 535	20	9.576 400	23	0.423 600	9.971 135	3	341	
.660	9.547 555	20	9.576 423	23	0.423 577	9.971 132	3	**.340**	
661	9.547 575	20	9.576 446	23	0.423 554	9.971 129	3	339	
662	9.547 595	20	9.576 469	23	0.423 531	9.971 127	2	338	
663	9.547 616	21	9.576 492	23	0.423 508	9.971 124	3	337	
664	9.547 636	20	9.576 515	23	0.423 485	9.971 121	3	336	
665	9.547 656	20	9.576 538	23	0.423 462	9.971 118	3	335	
666	9.547 676	20	9.576 561	23	0.423 439	9.971 115	3	334	
667	9.547 696	20	9.576 584	23	0.423 416	9.971 112	3	333	
668	9.547 716	20	9.576 607	23	0.423 393	9.971 109	3	332	
669	9.547 736	20	9.576 630	23	0.423 370	9.971 107	2	331	
.670	9.547 756	20	9.576 653	23	0.423 347	9.971 104	3	**.330**	
671	9.547 776	20	9.576 676	23	0.423 324	9.971 101	3	329	
672	9.547 796	20	9.576 698	22	0.423 302	9.971 098	3	328	
673	9.547 817	21	9.576 721	23	0.423 279	9.971 095	3	327	
674	9.547 837	20	9.576 744	23	0.423 256	9.971 092	3	326	
675	9.547 857	20	9.576 767	23	0.423 233	9.971 089	3	325	
676	9.547 877	20	9.576 790	23	0.423 210	9.971 087	2	324	
677	9.547 897	20	9.576 813	23	0.423 187	9.971 084	3	323	
678	9.547 917	20	9.576 836	23	0.423 164	9.971 081	3	322	
679	9.547 937	20	9.576 859	23	0.423 141	9.971 078	3	321	
.680	9.547 957	20	9.576 882	23	0.423 118	9.971 075	3	**.320**	
681	9.547 977	20	9.576 905	23	0.423 095	9.971 072	3	319	
682	9.547 997	20	9.576 928	23	0.423 072	9.971 069	3	318	
683	9.548 017	20	9.576 951	23	0.423 049	9.971 066	3	317	
684	9.548 037	20	9.576 974	23	0.423 026	9.971 064	2	316	
685	9.548 057	20	9.576 997	23	0.423 003	9.971 061	3	315	
686	9.548 078	21	9.577 020	23	0.422 980	9.971 058	3	314	
687	9.548 098	20	9.577 043	23	0.422 957	9.971 055	3	313	
688	9.548 118	20	9.577 066	23	0.422 934	9.971 052	3	312	
689	9.548 138	20	9.577 088	22	0.422 912	9.971 049	3	311	
.690	9.548 158	20	9.577 111	23	0.422 889	9.971 046	3	**.310**	
691	9.548 178	20	9.577 134	23	0.422 866	9.971 044	2	309	
692	9.548 198	20	9.577 157	23	0.422 843	9.971 041	3	308	
693	9.548 218	20	9.577 180	23	0.422 820	9.971 038	3	307	
694	9.548 238	20	9.577 203	23	0.422 797	9.971 035	3	306	
695	9.548 258	20	9.577 226	23	0.422 774	9.971 032	3	305	
696	9.548 278	20	9.577 249	23	0.422 751	9.971 029	3	304	
697	9.548 298	20	9.577 272	23	0.422 728	9.971 026	3	303	
698	9.548 318	20	9.577 295	23	0.422 705	9.971 024	2	302	
699	9.548 338	20	9.577 318	23	0.422 682	9.971 021	3	301	
.700	9.548 359	21	9.577 341	23	0.422 659	9.971 018	3	**.300**	
	cos	d	cotg	d	tang	sin	d	69°	P.P.

	23
1	2.3
2	4.6
3	6.9
4	9.2
5	11.5
6	13.8
7	16.1
8	18.4
9	20.7

	22
1	2.2
2	4.4
3	6.6
4	8.8
5	11.0
6	13.2
7	15.4
8	17.6
9	19.8

	21
1	2.1
2	4.2
3	6.3
4	8.4
5	10.5
6	12.6
7	14.7
8	16.8
9	18.9

	20
1	2.0
2	4.0
3	6.0
4	8.0
5	10.0
6	12.0
7	14.0
8	16.0
9	18.0

69°.350 — 69°.300

20°.700 — 20°.750

20°	sin	d	tang	d	cotg	cos	d		P.P.
.700	9.548 359		9.577 341		0.422 659	9.971 018		**.300**	
		20		23			3		
701	9.548 379		9.577 364		0.422 636	9.971 015		299	
		20		23			3		
702	9.548 399		9.577 387		0.422 613	9.971 012		298	
		20		22			3		
703	9.548 419		9.577 409		0.422 591	9.971 009		297	
		20		23			3		
704	9.548 439		9.577 432		0.422 568	9.971 006		296	
		20		23			3		
705	9.548 459		9.577 455		0.422 545	9.971 003		295	
		20		23			2		
706	9.548 479		9.577 478		0.422 522	9.971 001		294	
		20		23			3		
707	9.548 499		9.577 501		0.422 499	9.970 998		293	
		20		23			3		
708	9.548 519		9.577 524		0.422 476	9.970 995		292	
		20		23			3		
709	9.548 539		9.577 547		0.422 453	9.970 992		291	
		20		23			3		
.710	9.548 559		9.577 570		0.422 430	9.970 989		**.290**	
		20		23			3		
711	9.548 579		9.577 593		0.422 407	9.970 986		289	
		20		23			3		
712	9.548 599		9.577 616		0.422 384	9.970 983		288	
		20		23			2		
713	9.548 619		9.577 639		0.422 361	9.970 981		287	
		20		23			3		
714	9.548 639		9.577 662		0.422 338	9.970 978		286	
		20		22			3		
715	9.548 659		9.577 684		0.422 316	9.970 975		285	
		20		23			3		
716	9.548 679		9.577 707		0.422 293	9.970 972		284	
		20		23			3		
717	9.548 699		9.577 730		0.422 270	9.970 969		283	
		20		23			3		
718	9.548 719		9.577 753		0.422 247	9.970 966		282	
		20		23			3		
719	9.548 739		9.577 776		0.422 224	9.970 963		281	
		20		23			3		
.720	9.548 759		9.577 799		0.422 201	9.970 960		**.280**	
		21		23			2		
721	9.548 780		9.577 822		0.422 178	9.970 958		279	
		20		23			3		
722	9.548 800		9.577 845		0.422 155	9.970 955		278	
		20		23			3		
723	9.548 820		9.577 868		0.422 132	9.970 952		277	
		20		23			3		
724	9.548 840		9.577 891		0.422 109	9.970 949		276	
		20		23			3		
725	9.548 860		9.577 914		0.422 086	9.970 946		275	
		20		22			3		
726	9.548 880		9.577 936		0.422 064	9.970 943		274	
		20		23			3		
727	9.548 900		9.577 959		0.422 041	9.970 940		273	
		20		23			2		
728	9.548 920		9.577 982		0.422 018	9.970 938		272	
		20		23			3		
729	9.548 940		9.578 005		0.421 995	9.970 935		271	
		20		23			3		
.730	9.548 960		9.578 028		0.421 972	9.970 932		**.270**	
		20		23			3		
731	9.548 980		9.578 051		0.421 949	9.970 929		269	
		20		23			3		
732	9.549 000		9.578 074		0.421 926	9.970 926		268	
		20		23			3		
733	9.549 020		9.578 097		0.421 903	9.970 923		267	
		20		23			3		
734	9.549 040		9.578 120		0.421 880	9.970 920		266	
		20		22			3		
735	9.549 060		9.578 142		0.421 858	9.970 917		265	
		20		23			2		
736	9.549 080		9.578 165		0.421 835	9.970 915		264	
		20		23			3		
737	9.549 100		9.578 188		0.421 812	9.970 912		263	
		20		23			3		
738	9.549 120		9.578 211		0.421 789	9.970 909		262	
		20		23			3		
739	9.549 140		9.578 234		0.421 766	9.970 906		261	
		20		23			3		
.740	9.549 160		9.578 257		0.421 743	9.970 903		**.260**	
		20		23			3		
741	9.549 180		9.578 280		0.421 720	9.970 900		259	
		20		23			3		
742	9.549 200		9.578 303		0.421 697	9.970 897		258	
		20		23			2		
743	9.549 220		9.578 326		0.421 674	9.970 895		257	
		20		22			3		
744	9.549 240		9.578 348		0.421 652	9.970 892		256	
		20		23			3		
745	9.549 260		9.578 371		0.421 629	9.970 889		255	
		20		23			3		
746	9.549 280		9.578 394		0.421 606	9.970 886		254	
		20		23			3		
747	9.549 300		9.578 417		0.421 583	9.970 883		253	
		20		23			3		
748	9.549 320		9.578 440		0.421 560	9.970 880		252	
		20		23			3		
749	9.549 340		9.578 463		0.421 537	9.970 877		251	
		20		23			3		
.750	9.549 360		9.578 486		0.421 514	9.970 874		**.250**	
	cos	d	cotg	d	tang	sin	d	69°	P.P.

	23
1	2.3
2	4.6
3	6.9
4	9.2
5	11.5
6	13.8
7	16.1
8	18.4
9	20.7

	22
1	2.2
2	4.4
3	6.6
4	8.8
5	11.0
6	13.2
7	15.4
8	17.6
9	19.8

	21
1	2.1
2	4.2
3	6.3
4	8.4
5	10.5
6	12.6
7	14.7
8	16.8
9	18.9

	20
1	2.0
2	4.0
3	6.0
4	8.0
5	10.0
6	12.0
7	14.0
8	16.0
9	18.0

69°.300 — 69°.250

20°.750 — 20°.800

20°	sin	d	tang	d	cotg	cos	d		P.P.
.750	9.549 360	20	9.578 486	23	0.421 514	9.970 874	2	**.250**	
751	9.549 380	20	9.578 509	23	0.421 491	9.970 872	3	249	
752	9.549 400	20	9.578 532	22	0.421 468	9.970 869	3	248	
753	9.549 420	20	9.578 554	23	0.421 446	9.970 866	3	247	
754	9.549 440	20	9.578 577	23	0.421 423	9.970 863	3	246	
755	9.549 460	20	9.578 600	23	0.421 400	9.970 860	3	245	
756	9.549 480	20	9.578 623	23	0.421 377	9.970 857	3	244	
757	9.549 500	20	9.578 646	23	0.421 354	9.970 854	3	243	
758	9.549 520	20	9.578 669	23	0.421 331	9.970 851	3	242	
759	9.549 540	20	9.578 692	23	0.421 308	9.970 849	2	241	
.760	9.549 560	20	9.578 714	22	0.421 286	9.970 846	3	**.240**	
761	9.549 580	20	9.578 737	23	0.421 263	9.970 843	3	239	
762	9.549 600	20	9.578 760	23	0.421 240	9.970 840	3	238	
763	9.549 620	20	9.578 783	23	0.421 217	9.970 837	3	237	
764	9.549 640	20	9.578 806	23	0.421 194	9.970 834	3	236	
765	9.549 660	20	9.578 829	23	0.421 171	9.970 831	3	235	
766	9.549 680	20	9.578 852	23	0.421 148	9.970 828	3	234	
767	9.549 700	20	9.578 875	23	0.421 125	9.970 826	2	233	
768	9.549 720	20	9.578 897	22	0.421 103	9.970 823	3	232	
769	9.549 740	20	9.578 920	23	0.421 080	9.970 820	3	231	
.770	9.549 760	20	9.578 943	23	0.421 057	9.970 817	3	**.230**	
771	9.549 780	20	9.578 966	23	0.421 034	9.970 814	3	229	
772	9.549 800	20	9.578 989	23	0.421 011	9.970 811	3	228	
773	9.549 820	20	9.579 012	23	0.420 988	9.970 808	3	227	
774	9.549 840	20	9.579 035	23	0.420 965	9.970 805	3	226	
775	9.549 860	20	9.579 057	22	0.420 943	9.970 803	2	225	
776	9.549 880	20	9.579 080	23	0.420 920	9.970 800	3	224	
777	9.549 900	20	9.579 103	23	0.420 897	9.970 797	3	223	
778	9.549 920	20	9.579 126	23	0.420 874	9.970 794	3	222	
779	9.549 940	20	9.579 149	23	0.420 851	9.970 791	3	221	
.780	9.549 960	20	9.579 172	23	0.420 828	9.970 788	3	**.220**	
781	9.549 980	20	9.579 195	23	0.420 805	9.970 785	3	219	
782	9.550 000	20	9.579 217	22	0.420 783	9.970 782	3	218	
783	9.550 020	20	9.579 240	23	0.420 760	9.970 780	2	217	
784	9.550 040	20	9.579 263	23	0.420 737	9.970 777	3	216	
785	9.550 060	20	9.579 286	23	0.420 714	9.970 774	3	215	
786	9.550 080	20	9.579 309	23	0.420 691	9.970 771	3	214	
787	9.550 100	20	9.579 332	23	0.420 668	9.970 768	3	213	
788	9.550 120	20	9.579 354	22	0.420 646	9.970 765	3	212	
789	9.550 140	20	9.579 377	23	0.420 623	9.970 762	3	211	
.790	9.550 160	20	9.579 400	23	0.420 600	9.970 759	3	**.210**	
791	9.550 180	20	9.579 423	23	0.420 577	9.970 757	2	209	
792	9.550 200	20	9.579 446	23	0.420 554	9.970 754	3	208	
793	9.550 219	19	9.579 469	23	0.420 531	9.970 751	3	207	
794	9.550 239	20	9.579 492	23	0.420 508	9.970 748	3	206	
795	9.550 259	20	9.579 514	22	0.420 486	9.970 745	3	205	
796	9.550 279	20	9.579 537	23	0.420 463	9.970 742	3	204	
797	9.550 299	20	9.579 560	23	0.420 440	9.970 739	3	203	
798	9.550 319	20	9.579 583	23	0.420 417	9.970 736	3	202	
799	9.550 339	20	9.579 606	23	0.420 394	9.970 734	2	201	
.800	9.550 359	20	9.579 629	23	0.420 371	9.970 731	3	**.200**	
	cos	d	cotg	d	tang	sin	d	69°	P.P.

	23
1	2.3
2	4.6
3	6.9
4	9.2
5	11.5
6	13.8
7	16.1
8	18.4
9	20.7

	22
1	2.2
2	4.4
3	6.6
4	8.8
5	11.0
6	13.2
7	15.4
8	17.6
9	19.8

	20
1	2.0
2	4.0
3	6.0
4	8.0
5	10.0
6	12.0
7	14.0
8	16.0
9	18.0

	19
1	1.9
2	3.8
3	5.7
4	7.6
5	9.5
6	11.4
7	13.3
8	15.2
9	17.1

69°.250 — 69°.200

20°.800 — 20°.850

20°	sin	d	tang	d	cotg	cos	d		P.P.
.800	9.550 359	20	9.579 629	22	0.420 371	9.970 731	3	**.200**	
801	9.550 379	20	9.579 651	23	0.420 349	9.970 728	3	199	
802	9.550 399	20	9.579 674	23	0.420 326	9.970 725	3	198	
803	9.550 419	20	9.579 697	23	0.420 303	9.970 722	3	197	
804	9.550 439	20	9.579 720	23	0.420 280	9.970 719	3	196	
805	9.550 459	20	9.579 743	23	0.420 257	9.970 716	3	195	
806	9.550 479	20	9.579 766	22	0.420 234	9.970 713	3	194	
807	9.550 499	20	9.579 788	23	0.420 212	9.970 710	2	193	
808	9.550 519	20	9.579 811	23	0.420 189	9.970 708	3	192	
809	9.550 539	20	9.579 834	23	0.420 166	9.970 705	3	191	
.810	9.550 559	20	9.579 857	23	0.420 143	9.970 702	3	**.190**	
811	9.550 579	20	9.579 880	22	0.420 120	9.970 699	3	189	
812	9.550 599	20	9.579 902	23	0.420 098	9.970 696	3	188	
813	9.550 619	19	9.579 925	23	0.420 075	9.970 693	3	187	
814	9.550 638	20	9.579 948	23	0.420 052	9.970 690	3	186	
815	9.550 658	20	9.579 971	23	0.420 029	9.970 687	2	185	
816	9.550 678	20	9.579 994	23	0.420 006	9.970 685	3	184	
817	9.550 698	20	9.580 017	22	0.419 983	9.970 682	3	183	
818	9.550 718	20	9.580 039	23	0.419 961	9.970 679	3	182	
819	9.550 738	20	9.580 062	23	0.419 938	9.970 676	3	181	
.820	9.550 758	20	9.580 085	23	0.419 915	9.970 673	3	**.180**	
821	9.550 778	20	9.580 108	23	0.419 892	9.970 670	3	179	
822	9.550 798	20	9.580 131	23	0.419 869	9.970 667	3	178	
823	9.550 818	20	9.580 153	22	0.419 847	9.970 664	3	177	
824	9.550 838	20	9.580 176	23	0.419 824	9.970 661	3	176	
825	9.550 858	20	9.580 199	23	0.419 801	9.970 659	2	175	
826	9.550 878	20	9.580 222	23	0.419 778	9.970 656	3	174	
827	9.550 898	20	9.580 245	23	0.419 755	9.970 653	3	173	
828	9.550 917	19	9.580 268	23	0.419 732	9.970 650	3	172	
829	9.550 937	20	9.580 290	22	0.419 710	9.970 647	3	171	
.830	9.550 957	20	9.580 313	23	0.419 687	9.970 644	3	**.170**	
831	9.550 977	20	9.580 336	23	0.419 664	9.970 641	3	169	
832	9.550 997	20	9.580 359	23	0.419 641	9.970 638	3	168	
833	9.551 017	20	9.580 382	23	0.419 618	9.970 636	2	167	
834	9.551 037	20	9.580 404	22	0.419 596	9.970 633	3	166	
835	9.551 057	20	9.580 427	23	0.419 573	9.970 630	3	165	
836	9.551 077	20	9.580 450	23	0.419 550	9.970 627	3	164	
837	9.551 097	20	9.580 473	23	0.419 527	9.970 624	3	163	
838	9.551 117	20	9.580 496	23	0.419 504	9.970 621	3	162	
839	9.551 137	20	9.580 518	22	0.419 482	9.970 618	3	161	
.840	9.551 157	20	9.580 541	23	0.419 459	9.970 615	3	**.160**	
841	9.551 176	19	9.580 564	23	0.419 436	9.970 612	3	159	
842	9.551 196	20	9.580 587	23	0.419 413	9.970 610	2	158	
843	9.551 216	20	9.580 610	23	0.419 390	9.970 607	3	157	
844	9.551 236	20	9.580 632	22	0.419 368	9.970 604	3	156	
845	9.551 256	20	9.580 655	23	0.419 345	9.970 601	3	155	
846	9.551 276	20	9.580 678	23	0.419 322	9.970 598	3	154	
847	9.551 296	20	9.580 701	23	0.419 299	9.970 595	3	153	
848	9.551 316	20	9.580 724	23	0.419 276	9.970 592	3	152	
849	9.551 336	20	9.580 746	22	0.419 254	9.970 589	3	151	
.850	9.551 356	20	9.580 769	23	0.419 231	9.970 586	3	**.150**	
	cos	d	cotg	d	tang	sin	d	69°	P.P.

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69°.200 — 69°.150

20°.850 — 20°.900

20°	sin	d	tang	d	cotg	cos	d		P.P.
.850	9.551 356		9.580 769		0.419 231	9.970 586		**.150**	
		19		23			2		
851	9.551 375		9.580 792		0.419 208	9.970 584		149	
		20		23			3		
852	9.551 395		9.580 815		0.419 185	9.970 581		148	
		20		22			3		
853	9.551 415		9.580 837		0.419 163	9.970 578		147	
		20		23			3		
854	9.551 435		9.580 860		0.419 140	9.970 575		146	
		20		23			3		
855	9.551 455		9.580 883		0.419 117	9.970 572		145	
		20		23			3		
856	9.551 475		9.580 906		0.419 094	9.970 569		144	
		20		23			3		
857	9.551 495		9.580 929		0.419 071	9.970 566		143	
		20		22			3		
858	9.551 515		9.580 951		0.419 049	9.970 563		142	
		20		23			3		
859	9.551 535		9.580 974		0.419 026	9.970 560		141	
		20		23			2		
.860	9.551 555		9.580 997		0.419 003	9.970 558		**.140**	
		19		23			3		
861	9.551 574		9.581 020		0.418 980	9.970 555		139	
		20		23			3		
862	9.551 594		9.581 043		0.418 957	9.970 552		138	
		20		22			3		
863	9.551 614		9.581 065		0.418 935	9.970 549		137	
		20		23			3		
864	9.551 634		9.581 088		0.418 912	9.970 546		136	
		20		23			3		
865	9.551 654		9.581 111		0.418 889	9.970 543		135	
		20		23			3		
866	9.551 674		9.581 134		0.418 866	9.970 540		134	
		20		22			3		
867	9.551 694		9.581 156		0.418 844	9.970 537		133	
		20		23			3		
868	9.551 714		9.581 179		0.418 821	9.970 534		132	
		20		23			2		
869	9.551 734		9.581 202		0.418 798	9.970 532		131	
		19		23			3		
.870	9.551 753		9.581 225		0.418 775	9.970 529		**.130**	
		20		22			3		
871	9.551 773		9.581 247		0.418 753	9.970 526		129	
		20		23			3		
872	9.551 793		9.581 270		0.418 730	9.970 523		128	
		20		23			3		
873	9.551 813		9.581 293		0.418 707	9.970 520		127	
		20		23			3		
874	9.551 833		9.581 316		0.418 684	9.970 517		126	
		20		23			3		
875	9.551 853		9.581 339		0.418 661	9.970 514		125	
		20		22			3		
876	9.551 873		9.581 361		0.418 639	9.970 511		124	
		20		23			3		
877	9.551 893		9.581 384		0.418 616	9.970 508		123	
		19		23			2		
878	9.551 912		9.581 407		0.418 593	9.970 506		122	
		20		23			3		
879	9.551 932		9.581 430		0.418 570	9.970 503		121	
		20		22			3		
.880	9.551 952		9.581 452		0.418 548	9.970 500		**.120**	
		20		23			3		
881	9.551 972		9.581 475		0.418 525	9.970 497		119	
		20		23			3		
882	9.551 992		9.581 498		0.418 502	9.970 494		118	
		20		23			3		
883	9.552 012		9.581 521		0.418 479	9.970 491		117	
		20		22			3		
884	9.552 032		9.581 543		0.418 457	9.970 488		116	
		20		23			3		
885	9.552 052		9.581 566		0.418 434	9.970 485		115	
		19		23			3		
886	9.552 071		9.581 589		0.418 411	9.970 482		114	
		20		23			2		
887	9.552 091		9.581 612		0.418 388	9.970 480		113	
		20		22			3		
888	9.552 111		9.581 634		0.418 366	9.970 477		112	
		20		23			3		
889	9.552 131		9.581 657		0.418 343	9.970 474		111	
		20		23			3		
.890	9.552 151		9.581 680		0.418 320	9.970 471		**.110**	
		20		23			3		
891	9.552 171		9.581 703		0.418 297	9.970 468		109	
		20		22			3		
892	9.552 191		9.581 725		0.418 275	9.970 465		108	
		19		23			3		
893	9.552 210		9.581 748		0.418 252	9.970 462		107	
		20		23			3		
894	9.552 230		9.581 771		0.418 229	9.970 459		106	
		20		23			3		
895	9.552 250		9.581 794		0.418 206	9.970 456		105	
		20		22			2		
896	9.552 270		9.581 816		0.418 184	9.970 454		104	
		20		23			3		
897	9.552 290		9.581 839		0.418 161	9.970 451		103	
		20		23			3		
898	9.552 310		9.581 862		0.418 138	9.970 448		102	
		20		23			3		
899	9.552 330		9.581 885		0.418 115	9.970 445		101	
		19		22			3		
.900	9.552 349		9.581 907		0.418 093	9.970 442		**.100**	
	cos	d	cotg	d	tang	sin	d	69°	P.P.

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69°.150 — 69°.100

20°.900 — 20°.950

20°	sin	d	tang	d	cotg	cos	d		P.P.
.900	9.552 349	20	9.581 907	23	0.418 093	9.970 442	3	**.100**	
901	9.552 369	20	9.581 930	23	0.418 070	9.970 439	3	099	
902	9.552 389	20	9.581 953	23	0.418 047	9.970 436	3	098	
903	9.552 409	20	9.581 976	22	0.418 024	9.970 433	3	097	
904	9.552 429	20	9.581 998	23	0.418 002	9.970 430	3	096	
905	9.552 449	19	9.582 021	23	0.417 979	9.970 427	2	095	
906	9.552 468	20	9.582 044	23	0.417 956	9.970 425	3	094	
907	9.552 488	20	9.582 067	22	0.417 933	9.970 422	3	093	
908	9.552 508	20	9.582 089	23	0.417 911	9.970 419	3	092	
909	9.552 528	20	9.582 112	23	0.417 888	9.970 416	3	091	
.910	9.552 548	20	9.582 135	23	0.417 865	9.970 413	3	**.090**	
911	9.552 568	19	9.582 158	22	0.417 842	9.970 410	3	089	
912	9.552 587	20	9.582 180	23	0.417 820	9.970 407	3	088	
913	9.552 607	20	9.582 203	23	0.417 797	9.970 404	3	087	
914	9.552 627	20	9.582 226	22	0.417 774	9.970 401	2	086	
915	9.552 647	20	9.582 248	23	0.417 752	9.970 399	3	085	
916	9.552 667	20	9.582 271	23	0.417 729	9.970 396	3	084	
917	9.552 687	19	9.582 294	23	0.417 706	9.970 393	3	083	
918	9.552 706	20	9.582 317	22	0.417 683	9.970 390	3	082	
919	9.552 726	20	9.582 339	23	0.417 661	9.970 387	3	081	
.920	9.552 746	20	9.582 362	23	0.417 638	9.970 384	3	**.080**	
921	9.552 766	20	9.582 385	23	0.417 615	9.970 381	3	079	
922	9.552 786	20	9.582 408	22	0.417 592	9.970 378	3	078	
923	9.552 806	19	9.582 430	23	0.417 570	9.970 375	3	077	
924	9.552 825	20	9.582 453	23	0.417 547	9.970 372	3	076	
925	9.552 845	20	9.582 476	22	0.417 524	9.970 370	2	075	
926	9.552 865	20	9.582 498	23	0.417 502	9.970 367	3	074	
927	9.552 885	20	9.582 521	23	0.417 479	9.970 364	3	073	
928	9.552 905	20	9.582 544	23	0.417 456	9.970 361	3	072	
929	9.552 925	19	9.582 567	22	0.417 433	9.970 358	3	071	
.930	9.552 944	20	9.582 589	23	0.417 411	9.970 355	3	**.070**	
931	9.552 964	20	9.582 612	23	0.417 388	9.970 352	3	069	
932	9.552 984	20	9.582 635	23	0.417 365	9.970 349	3	068	
933	9.553 004	20	9.582 658	22	0.417 342	9.970 346	3	067	
934	9.553 024	19	9.582 680	23	0.417 320	9.970 343	2	066	
935	9.553 043	20	9.582 703	23	0.417 297	9.970 341	3	065	
936	9.553 063	20	9.582 726	22	0.417 274	9.970 338	3	064	
937	9.553 083	20	9.582 748	23	0.417 252	9.970 335	3	063	
938	9.553 103	20	9.582 771	23	0.417 229	9.970 332	3	062	
939	9.553 123	20	9.582 794	22	0.417 206	9.970 329	3	061	
.940	9.553 143	19	9.582 816	23	0.417 184	9.970 326	3	**.060**	
941	9.553 162	20	9.582 839	23	0.417 161	9.970 323	3	059	
942	9.553 182	20	9.582 862	23	0.417 138	9.970 320	3	058	
943	9.553 202	20	9.582 885	22	0.417 115	9.970 317	3	057	
944	9.553 222	20	9.582 907	23	0.417 093	9.970 314	2	056	
945	9.553 242	19	9.582 930	23	0.417 070	9.970 312	3	055	
946	9.553 261	20	9.582 953	22	0.417 047	9.970 309	3	054	
947	9.553 281	20	9.582 975	23	0.417 025	9.970 306	3	053	
948	9.553 301	20	9.582 998	23	0.417 002	9.970 303	3	052	
949	9.553 321	20	9.583 021	23	0.416 979	9.970 300	3	051	
.950	9.553 341		9.583 044		0.416 956	9.970 297		**.050**	
	cos	d	cotg	d	tang	sin	d	69°	P.P.

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69°.100 — 69°.050

20°.950 — 21°.000

20°	sin	d	tang	d	cotg	cos	d		P.P.
.950	9.553 341	19	9.583 044	22	0.416 956	9.970 297	3	**.050**	
951	9.553 360	20	9.583 066	23	0.416 934	9.970 294	3	049	
952	9.553 380	20	9.583 089	23	0.416 911	9.970 291	3	048	
953	9.553 400	20	9.583 112	22	0.416 888	9.970 288	3	047	
954	9.553 420	20	9.583 134	23	0.416 866	9.970 285	2	046	
955	9.553 440	19	9.583 157	23	0.416 843	9.970 283	3	045	
956	9.553 459	20	9.583 180	22	0.416 820	9.970 280	3	044	
957	9.553 479	20	9.583 202	23	0.416 798	9.970 277	3	043	
958	9.553 499	20	9.583 225	23	0.416 775	9.970 274	3	042	
959	9.553 519	19	9.583 248	22	0.416 752	9.970 271	3	041	
.960	9.553 538	20	9.583 270	23	0.416 730	9.970 268	3	**.040**	
961	9.553 558	20	9.583 293	23	0.416 707	9.970 265	3	039	
962	9.553 578	20	9.583 316	23	0.416 684	9.970 262	3	038	
963	9.553 598	20	9.583 339	22	0.416 661	9.970 259	3	037	
964	9.553 618	19	9.583 361	23	0.416 639	9.970 256	3	036	
965	9.553 637	20	9.583 384	23	0.416 616	9.970 253	2	035	
966	9.553 657	20	9.583 407	22	0.416 593	9.970 251	3	034	
967	9.553 677	20	9.583 429	23	0.416 571	9.970 248	3	033	
968	9.553 697	20	9.583 452	23	0.416 548	9.970 245	3	032	
969	9.553 717	19	9.583 475	22	0.416 525	9.970 242	3	031	
.970	9.553 736	20	9.583 497	23	0.416 503	9.970 239	3	**.030**	
971	9.553 756	20	9.583 520	23	0.416 480	9.970 236	3	029	
972	9.553 776	20	9.583 543	22	0.416 457	9.970 233	3	028	
973	9.553 796	19	9.583 565	23	0.416 435	9.970 230	3	027	
974	9.553 815	20	9.583 588	23	0.416 412	9.970 227	3	026	
975	9.553 835	20	9.583 611	22	0.416 389	9.970 224	2	025	
976	9.553 855	20	9.583 633	23	0.416 367	9.970 222	3	024	
977	9.553 875	19	9.583 656	23	0.416 344	9.970 219	3	023	
978	9.553 894	20	9.583 679	22	0.416 321	9.970 216	3	022	
979	9.553 914	20	9.583 701	23	0.416 299	9.970 213	3	021	
.980	9.553 934	20	9.583 724	23	0.416 276	9.970 210	3	**.020**	
981	9.553 954	20	9.583 747	22	0.416 253	9.970 207	3	019	
982	9.553 974	19	9.583 769	23	0.416 231	9.970 204	3	018	
983	9.553 993	20	9.583 792	23	0.416 208	9.970 201	3	017	
984	9.554 013	20	9.583 815	22	0.416 185	9.970 198	3	016	
985	9.554 033	20	9.583 837	23	0.416 163	9.970 195	3	015	
986	9.554 053	19	9.583 860	23	0.416 140	9.970 192	3	014	
987	9.554 072	20	9.583 883	22	0.416 117	9.970 190	2	013	
988	9.554 092	20	9.583 905	23	0.416 095	9.970 187	3	012	
989	9.554 112	20	9.583 928	23	0.416 072	9.970 184	3	011	
.990	9.554 132	19	9.583 951	22	0.416 049	9.970 181	3	**.010**	
991	9.554 151	20	9.583 973	23	0.416 027	9.970 178	3	009	
992	9.554 171	20	9.583 996	23	0.416 004	9.970 175	3	008	
993	9.554 191	20	9.584 019	22	0.415 981	9.970 172	3	007	
994	9.554 211	19	9.584 041	23	0.415 959	9.970 169	3	006	
995	9.554 230	20	9.584 064	23	0.415 936	9.970 166	3	005	
996	9.554 250	20	9.584 087	22	0.415 913	9.970 163	3	004	
997	9.554 270	20	9.584 109	23	0.415 891	9.970 160	2	003	
998	9.554 290	19	9.584 132	23	0.415 868	9.970 158	3	002	
999	9.554 309	20	9.584 155	22	0.415 845	9.970 155	3	001	
*000	9.554 329		9.584 177		0.415 823	9.970 152		.000	
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69°.050 — 69°.000

21°.000 — 21°.050

21°	sin	d	tang	d	cotg	cos	d		P.P.
.000	9.554 329		9.584 177		0.415 823	9.970 152		*000	
		20		23			3		
001	9.554 349		9.584 200		0.415 800	9.970 149		999	
		20		23			3		
002	9.554 369		9.584 223		0.415 777	9.970 146		998	
		19		22			3		
003	9.554 388		9.584 245		0.415 755	9.970 143		997	
		20		23			3		
004	9.554 408		9.584 268		0.415 732	9.970 140		996	
		20		23			3		
005	9.554 428		9.584 291		0.415 709	9.970 137		995	
		20		22			3		
006	9.554 448		9.584 313		0.415 687	9.970 134		994	
		19		23			3		
007	9.554 467		9.584 336		0.415 664	9.970 131		993	
		20		23			3		
008	9.554 487		9.584 359		0.415 641	9.970 128		992	
		20		22			2		
009	9.554 507		9.584 381		0.415 619	9.970 126		991	
		20		23			3		
.010	9.554 527		9.584 404		0.415 596	9.970 123		.990	
		19		23			3		
011	9.554 546		9.584 427		0.415 573	9.970 120		989	
		20		22			3		
012	9.554 566		9.584 449		0.415 551	9.970 117		988	
		20		23			3		
013	9.554 586		9.584 472		0.415 528	9.970 114		987	
		20		23			3		
014	9.554 606		9.584 495		0.415 505	9.970 111		986	
		19		22			3		
015	9.554 625		9.584 517		0.415 483	9.970 108		985	
		20		23			3		
016	9.554 645		9.584 540		0.415 460	9.970 105		984	
		20		22			3		
017	9.554 665		9.584 562		0.415 438	9.970 102		983	
		19		23			3		
018	9.554 684		9.584 585		0.415 415	9.970 099		982	
		20		23			3		
019	9.554 704		9.584 608		0.415 392	9.970 096		981	
		20		22			2		
.020	9.554 724		9.584 630		0.415 370	9.970 094		.980	
		20		23			3		
021	9.554 744		9.584 653		0.415 347	9.970 091		979	
		19		23			3		
022	9.554 763		9.584 676		0.415 324	9.970 088		978	
		20		22			3		
023	9.554 783		9.584 698		0.415 302	9.970 085		977	
		20		23			3		
024	9.554 803		9.584 721		0.415 279	9.970 082		976	
		19		23			3		
025	9.554 822		9.584 744		0.415 256	9.970 079		975	
		20		22			3		
026	9.554 842		9.584 766		0.415 234	9.970 076		974	
		20		23			3		
027	9.554 862		9.584 789		0.415 211	9.970 073		973	
		20		22			3		
028	9.554 882		9.584 811		0.415 189	9.970 070		972	
		19		23			3		
029	9.554 901		9.584 834		0.415 166	9.970 067		971	
		20		23			3		
.030	9.554 921		9.584 857		0.415 143	9.970 064		.970	
		20		22			3		
031	9.554 941		9.584 879		0.415 121	9.970 061		969	
		20		23			2		
032	9.554 961		9.584 902		0.415 098	9.970 059		968	
		19		23			3		
033	9.554 980		9.584 925		0.415 075	9.970 056		967	
		20		22			3		
034	9.555 000		9.584 947		0.415 053	9.970 053		966	
		20		23			3		
035	9.555 020		9.584 970		0.415 030	9.970 050		965	
		19		22			3		
036	9.555 039		9.584 992		0.415 008	9.970 047		964	
		20		23			3		
037	9.555 059		9.585 015		0.414 985	9.970 044		963	
		20		23			3		
038	9.555 079		9.585 038		0.414 962	9.970 041		962	
		19		22			3		
039	9.555 098		9.585 060		0.414 940	9.970 038		961	
		20		23			3		
.040	9.555 118		9.585 083		0.414 917	9.970 035		.960	
		20		23			3		
041	9.555 138		9.585 106		0.414 894	9.970 032		959	
		20		22			3		
042	9.555 158		9.585 128		0.414 872	9.970 029		958	
		19		23			3		
043	9.555 177		9.585 151		0.414 849	9.970 026		957	
		20		22			2		
044	9.555 197		9.585 173		0.414 827	9.970 024		956	
		20		23			3		
045	9.555 217		9.585 196		0.414 804	9.970 021		955	
		19		23			3		
046	9.555 236		9.585 219		0.414 781	9.970 018		954	
		20		22			3		
047	9.555 256		9.585 241		0.414 759	9.970 015		953	
		20		23			3		
048	9.555 276		9.585 264		0.414 736	9.970 012		952	
		19		23			3		
049	9.555 295		9.585 287		0.414 713	9.970 009		951	
		20		22			3		
.050	9.555 315		9.585 309		0.414 691	9.970 006		.950	
	cos	d	cotg	d	tang	sin	d	68°	P.P.

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69°.000 — 68°.950

21°.050 — 21°.100

21°	sin	d	tang	d	cotg	cos	d		P.P.
.050	9.555 315	20	9.585 309	23	0.414 691	9.970 006	3	.950	
051	9.555 335	20	9.585 332	22	0.414 668	9.970 003	3	949	
052	9.555 355	19	9.585 354	23	0.414 646	9.970 000	3	948	
053	9.555 374	20	9.585 377	23	0.414 623	9.969 997	3	947	
054	9.555 394	20	9.585 400	22	0.414 600	9.969 994	3	946	
055	9.555 414	19	9.585 422	23	0.414 578	9.969 991	2	945	
056	9.555 433	20	9.585 445	22	0.414 555	9.969 989	3	944	
057	9.555 453	20	9.585 467	23	0.414 533	9.969 986	3	943	
058	9.555 473	19	9.585 490	23	0.414 510	9.969 983	3	942	
059	9.555 492	20	9.585 513	22	0.414 487	9.969 980	3	941	
.060	9.555 512	20	9.585 535	23	0.414 465	9.969 977	3	.940	
061	9.555 532	19	9.585 558	22	0.414 442	9.969 974	3	939	
062	9.555 551	20	9.585 580	23	0.414 420	9.969 971	3	938	
063	9.555 571	20	9.585 603	23	0.414 397	9.969 968	3	937	
064	9.555 591	19	9.585 626	22	0.414 374	9.969 965	3	936	
065	9.555 610	20	9.585 648	23	0.414 352	9.969 962	3	935	
066	9.555 630	20	9.585 671	22	0.414 329	9.969 959	3	934	
067	9.555 650	20	9.585 693	23	0.414 307	9.969 956	2	933	
068	9.555 670	19	9.585 716	23	0.414 284	9.969 954	3	932	
069	9.555 689	20	9.585 739	22	0.414 261	9.969 951	3	931	
.070	9.555 709	20	9.585 761	23	0.414 239	9.969 948	3	.930	
071	9.555 729	19	9.585 784	22	0.414 216	9.969 945	3	929	
072	9.555 748	20	9.585 806	23	0.414 194	9.969 942	3	928	
073	9.555 768	20	9.585 829	23	0.414 171	9.969 939	3	927	
074	9.555 788	19	9.585 852	22	0.414 148	9.969 936	3	926	
075	9.555 807	20	9.585 874	23	0.414 126	9.969 933	3	925	
076	9.555 827	20	9.585 897	22	0.414 103	9.969 930	3	924	
077	9.555 847	19	9.585 919	23	0.414 081	9.969 927	3	923	
078	9.555 866	20	9.585 942	23	0.414 058	9.969 924	3	922	
079	9.555 886	20	9.585 965	22	0.414 035	9.969 921	3	921	
.080	9.555 906	19	9.585 987	23	0.414 013	9.969 918	2	.920	
081	9.555 925	20	9.586 010	22	0.413 990	9.969 916	3	919	
082	9.555 945	20	9.586 032	23	0.413 968	9.969 913	3	918	
083	9.555 965	19	9.586 055	22	0.413 945	9.969 910	3	917	
084	9.555 984	20	9.586 077	23	0.413 923	9.969 907	3	916	
085	9.556 004	20	9.586 100	23	0.413 900	9.969 904	3	915	
086	9.556 024	19	9.586 123	22	0.413 877	9.969 901	3	914	
087	9.556 043	20	9.586 145	23	0.413 855	9.969 898	3	913	
088	9.556 063	20	9.586 168	22	0.413 832	9.969 895	3	912	
089	9.556 083	19	9.586 190	23	0.413 810	9.969 892	3	911	
.090	9.556 102	20	9.586 213	22	0.413 787	9.969 889	3	.910	
091	9.556 122	19	9.586 235	23	0.413 765	9.969 886	3	909	
092	9.556 141	20	9.586 258	23	0.413 742	9.969 883	3	908	
093	9.556 161	20	9.586 281	22	0.413 719	9.969 880	2	907	
094	9.556 181	19	9.586 303	23	0.413 697	9.969 878	3	906	
095	9.556 200	20	9.586 326	22	0.413 674	9.969 875	3	905	
096	9.556 220	20	9.586 348	23	0.413 652	9.969 872	3	904	
097	9.556 240	19	9.586 371	22	0.413 629	9.969 869	3	903	
098	9.556 259	20	9.586 393	23	0.413 607	9.969 866	3	902	
099	9.556 279	20	9.586 416	23	0.413 584	9.969 863	3	901	
.100	9.556 299		9.586 439		0.413 561	9.969 860		.900	
	cos	d	cotg	d	tang	sin	d	68°	P.P.

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68°.950 — 68°.900

21°.100 — 21°.150

21°	sin	d	tang	d	cotg	cos	d		P.P.
.100	9.556 299		9.586 439		0.413 561	9.969 860		.900	
		19		22			3		
101	9.556 318		9.586 461		0.413 539	9.969 857		899	
		20		23			3		
102	9.556 338		9.586 484		0.413 516	9.969 854		898	
		20		22			3		
103	9.556 358		9.586 506		0.413 494	9.969 851		897	
		19		23			3		
104	9.556 377		9.586 529		0.413 471	9.969 848		896	
		20		22			3		
105	9.556 397		9.586 551		0.413 449	9.969 845		895	
		19		23			3		
106	9.556 416		9.586 574		0.413 426	9.969 842		894	
		20		23			2		
107	9.556 436		9.586 597		0.413 403	9.969 840		893	
		20		22			3		
108	9.556 456		9.586 619		0.413 381	9.969 837		892	
		19		23			3		
109	9.556 475		9.586 642		0.413 358	9.969 834		891	
		20		22			3		
.110	9.556 495		9.586 664		0.413 336	9.969 831		.890	
		20		23			3		
111	9.556 515		9.586 687		0.413 313	9.969 828		889	
		19		22			3		
112	9.556 534		9.586 709		0.413 291	9.969 825		888	
		20		23			3		
113	9.556 554		9.586 732		0.413 268	9.969 822		887	
		20		23			3		
114	9.556 574		9.586 755		0.413 245	9.969 819		886	
		19		22			3		
115	9.556 593		9.586 777		0.413 223	9.969 816		885	
		20		23			3		
116	9.556 613		9.586 800		0.413 200	9.969 813		884	
		19		22			3		
117	9.556 632		9.586 822		0.413 178	9.969 810		883	
		20		23			3		
118	9.556 652		9.586 845		0.413 155	9.969 807		882	
		20		22			3		
119	9.556 672		9.586 867		0.413 133	9.969 804		881	
		19		23			3		
.120	9.556 691		9.586 890		0.413 110	9.969 801		.880	
		20		22			2		
121	9.556 711		9.586 912		0.413 088	9.969 799		879	
		20		23			3		
122	9.556 731		9.586 935		0.413 065	9.969 796		878	
		19		22			3		
123	9.556 750		9.586 957		0.413 043	9.969 793		877	
		20		23			3		
124	9.556 770		9.586 980		0.413 020	9.969 790		876	
		19		23			3		
125	9.556 789		9.587 003		0.412 997	9.969 787		875	
		20		22			3		
126	9.556 809		9.587 025		0.412 975	9.969 784		874	
		20		23			3		
127	9.556 829		9.587 048		0.412 952	9.969 781		873	
		19		22			3		
128	9.556 848		9.587 070		0.412 930	9.969 778		872	
		20		23			3		
129	9.556 868		9.587 093		0.412 907	9.969 775		871	
		20		22			3		
.130	9.556 888		9.587 115		0.412 885	9.969 772		.870	
		19		23			3		
131	9.556 907		9.587 138		0.412 862	9.969 769		869	
		20		22			3		
132	9.556 927		9.587 160		0.412 840	9.969 766		868	
		19		23			3		
133	9.556 946		9.587 183		0.412 817	9.969 763		867	
		20		22			3		
134	9.556 966		9.587 205		0.412 795	9.969 760		866	
		20		23			2		
135	9.556 986		9.587 228		0.412 772	9.969 758		865	
		19		23			3		
136	9.557 005		9.587 251		0.412 749	9.969 755		864	
		20		22			3		
137	9.557 025		9.587 273		0.412 727	9.969 752		863	
		19		23			3		
138	9.557 044		9.587 296		0.412 704	9.969 749		862	
		20		22			3		
139	9.557 064		9.587 318		0.412 682	9.969 746		861	
		20		23			3		
.140	9.557 084		9.587 341		0.412 659	9.969 743		.860	
		19		22			3		
141	9.557 103		9.587 363		0.412 637	9.969 740		859	
		20		23			3		
142	9.557 123		9.587 386		0.412 614	9.969 737		858	
		19		22			3		
143	9.557 142		9.587 408		0.412 592	9.969 734		857	
		20		23			3		
144	9.557 162		9.587 431		0.412 569	9.969 731		856	
		20		22			3		
145	9.557 182		9.587 453		0.412 547	9.969 728		855	
		19		23			3		
146	9.557 201		9.587 476		0.412 524	9.969 725		854	
		20		22			3		
147	9.557 221		9.587 498		0.412 502	9.969 722		853	
		19		23			3		
148	9.557 240		9.587 521		0.412 479	9.969 719		852	
		20		22			2		
149	9.557 260		9.587 543		0.412 457	9.969 717		851	
		20		23			3		
.150	9.557 280		9.587 566		0.412 434	9.969 714		.850	
	cos	d	cotg	d	tang	sin	d	68°	P.P.

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68°.900 — 68°.850

21°.150 — 21°.200

21°	sin	d	tang	d	cotg	cos	d		P.P.
.150	9.557 280	19	9.587 566	23	0.412 434	9.969 714	3	.850	
151	9.557 299	20	9.587 589	22	0.412 411	9.969 711	3	849	
152	9.557 319	19	9.587 611	23	0.412 389	9.969 708	3	848	
153	9.557 338	20	9.587 634	22	0.412 366	9.969 705	3	847	
154	9.557 358	20	9.587 656	23	0.412 344	9.969 702	3	846	23
155	9.557 378	19	9.587 679	22	0.412 321	9.969 699	3	845	1 2.3
156	9.557 397	20	9.587 701	23	0.412 299	9.969 696	3	844	2 4.6
157	9.557 417	19	9.587 724	22	0.412 276	9.969 693	3	843	3 6.9
158	9.557 436	20	9.587 746	23	0.412 254	9.969 690	3	842	4 9.2
159	9.557 456	19	9.587 769	22	0.412 231	9.969 687	3	841	5 11.5
.160	9.557 475	20	9.587 791	23	0.412 209	9.969 684	3	.840	6 13.8
161	9.557 495	20	9.587 814	22	0.412 186	9.969 681	3	839	7 16.1
162	9.557 515	19	9.587 836	23	0.412 164	9.969 678	3	838	8 18.4
163	9.557 534	20	9.587 859	22	0.412 141	9.969 675	3	837	9 20.7
164	9.557 554	19	9.587 881	23	0.412 119	9.969 673	2	836	
165	9.557 573	20	9.587 904	22	0.412 096	9.969 670	3	835	22
166	9.557 593	19	9.587 926	23	0.412 074	9.969 667	3	834	1 2.2
167	9.557 612	20	9.587 949	22	0.412 051	9.969 664	3	833	2 4.4
168	9.557 632	20	9.587 971	23	0.412 029	9.969 661	3	832	3 6.6
169	9.557 652	19	9.587 994	22	0.412 006	9.969 658	3	831	4 8.8
.170	9.557 671	20	9.588 016	23	0.411 984	9.969 655	3	.830	5 11.0
171	9.557 691	19	9.588 039	22	0.411 961	9.969 652	3	829	6 13.2
172	9.557 710	20	9.588 061	23	0.411 939	9.969 649	3	828	7 15.4
173	9.557 730	19	9.588 084	22	0.411 916	9.969 646	3	827	8 17.6
174	9.557 749	20	9.588 106	23	0.411 894	9.969 643	3	826	9 19.8
175	9.557 769	20	9.588 129	22	0.411 871	9.969 640	3	825	
176	9.557 789	19	9.588 151	23	0.411 849	9.969 637	3	824	
177	9.557 808	20	9.588 174	22	0.411 826	9.969 634	3	823	20
178	9.557 828	19	9.588 196	23	0.411 804	9.969 631	3	822	1 2.0
179	9.557 847	20	9.588 219	22	0.411 781	9.969 628	3	821	2 4.0
.180	9.557 867	19	9.588 241	23	0.411 759	9.969 626	2	.820	3 6.0
181	9.557 886	20	9.588 264	22	0.411 736	9.969 623	3	819	4 8.0
182	9.557 906	20	9.588 286	23	0.411 714	9.969 620	3	818	5 10.0
183	9.557 926	19	9.588 309	22	0.411 691	9.969 617	3	817	6 12.0
184	9.557 945	20	9.588 331	23	0.411 669	9.969 614	3	816	7 14.0
185	9.557 965	19	9.588 354	22	0.411 646	9.969 611	3	815	8 16.0
186	9.557 984	20	9.588 376	23	0.411 624	9.969 608	3	814	9 18.0
187	9.558 004	19	9.588 399	22	0.411 601	9.969 605	3	813	
188	9.558 023	20	9.588 421	23	0.411 579	9.969 602	3	812	
189	9.558 043	19	9.588 444	22	0.411 556	9.969 599	3	811	19
.190	9.558 062	20	9.588 466	23	0.411 534	9.969 596	3	.810	1 1.9
191	9.558 082	20	9.588 489	22	0.411 511	9.969 593	3	809	2 3.8
192	9.558 102	19	9.588 511	23	0.411 489	9.969 590	3	808	3 5.7
193	9.558 121	20	9.588 534	22	0.411 466	9.969 587	3	807	4 7.6
194	9.558 141	19	9.588 556	23	0.411 444	9.969 584	3	806	5 9.5
195	9.558 160	20	9.588 579	22	0.411 421	9.969 581	3	805	6 11.4
196	9.558 180	19	9.588 601	23	0.411 399	9.969 579	2	804	7 13.3
197	9.558 199	20	9.588 624	22	0.411 376	9.969 576	3	803	8 15.2
198	9.558 219	19	9.588 646	23	0.411 354	9.969 573	3	802	9 17.1
199	9.558 238	20	9.588 669	22	0.411 331	9.969 570	3	801	
.200	9.558 258		9.588 691		0.411 309	9.969 567		.800	
	cos	d	cotg	d	tang	sin	d	68°	P.P.

68°.850 — 68°.800

21°.200 — 21°.250

21°	sin	d	tang	d	cotg	cos	d		P.P.
.200	9.558 258	19	9.588 691	23	0.411 309	9.969 567	3	**.800**	
201	9.558 277	20	9.588 714	22	0.411 286	9.969 564	3	799	
202	9.558 297	20	9.588 736	23	0.411 264	9.969 561	3	798	
203	9.558 317	19	9.588 759	22	0.411 241	9.969 558	3	797	
204	9.558 336	20	9.588 781	23	0.411 219	9.969 555	3	796	
205	9.558 356	19	9.588 804	22	0.411 196	9.969 552	3	795	
206	9.558 375	20	9.588 826	23	0.411 174	9.969 549	3	794	
207	9.558 395	19	9.588 849	22	0.411 151	9.969 546	3	793	
208	9.558 414	20	9.588 871	22	0.411 129	9.969 543	3	792	
209	9.558 434	19	9.588 893	23	0.411 107	9.969 540	3	791	
.210	9.558 453	20	9.588 916	22	0.411 084	9.969 537	3	**.790**	
211	9.558 473	19	9.588 938	23	0.411 062	9.969 534	3	789	
212	9.558 492	20	9.588 961	22	0.411 039	9.969 531	3	788	
213	9.558 512	19	9.588 983	23	0.411 017	9.969 529	2	787	
214	9.558 531	20	9.589 006	22	0.410 994	9.969 526	3	786	
215	9.558 551	19	9.589 028	23	0.410 972	9.969 523	3	785	
216	9.558 570	20	9.589 051	22	0.410 949	9.969 520	3	784	
217	9.558 590	20	9.589 073	23	0.410 927	9.969 517	3	783	
218	9.558 610	19	9.589 096	22	0.410 904	9.969 514	3	782	
219	9.558 629	20	9.589 118	23	0.410 882	9.969 511	3	781	
.220	9.558 649	19	9.589 141	22	0.410 859	9.969 508	3	**.780**	
221	9.558 668	20	9.589 163	23	0.410 837	9.969 505	3	779	
222	9.558 688	19	9.589 186	22	0.410 814	9.969 502	3	778	
223	9.558 707	20	9.589 208	22	0.410 792	9.969 499	3	777	
224	9.558 727	19	9.589 230	23	0.410 770	9.969 496	3	776	
225	9.558 746	20	9.589 253	22	0.410 747	9.969 493	3	775	
226	9.558 766	19	9.589 275	23	0.410 725	9.969 490	3	774	
227	9.558 785	20	9.589 298	22	0.410 702	9.969 487	3	773	
228	9.558 805	19	9.589 320	23	0.410 680	9.969 484	3	772	
229	9.558 824	20	9.589 343	22	0.410 657	9.969 481	3	771	
.230	9.558 844	19	9.589 365	23	0.410 635	9.969 479	2	**.770**	
231	9.558 863	20	9.589 388	22	0.410 612	9.969 476	3	769	
232	9.558 883	19	9.589 410	23	0.410 590	9.969 473	3	768	
233	9.558 902	20	9.589 433	22	0.410 567	9.969 470	3	767	
234	9.558 922	19	9.589 455	23	0.410 545	9.969 467	3	766	
235	9.558 941	20	9.589 478	22	0.410 522	9.969 464	3	765	
236	9.558 961	19	9.589 500	22	0.410 500	9.969 461	3	764	
237	9.558 980	20	9.589 522	23	0.410 478	9.969 458	3	763	
238	9.559 000	19	9.589 545	22	0.410 455	9.969 455	3	762	
239	9.559 019	20	9.589 567	23	0.410 433	9.969 452	3	761	
.240	9.559 039	19	9.589 590	22	0.410 410	9.969 449	3	**.760**	
241	9.559 058	20	9.589 612	23	0.410 388	9.969 446	3	759	
242	9.559 078	19	9.589 635	22	0.410 365	9.969 443	3	758	
243	9.559 097	20	9.589 657	23	0.410 343	9.969 440	3	757	
244	9.559 117	19	9.589 680	22	0.410 320	9.969 437	3	756	
245	9.559 136	20	9.589 702	22	0.410 298	9.969 434	3	755	
246	9.559 156	19	9.589 724	23	0.410 276	9.969 431	3	754	
247	9.559 175	20	9.589 747	22	0.410 253	9.969 428	3	753	
248	9.559 195	19	9.589 769	23	0.410 231	9.969 425	3	752	
249	9.559 214	20	9.589 792	22	0.410 208	9.969 423	2	751	
.250	9.559 234		9.589 814		0.410 186	9.969 420	3	**.750**	
	cos	d	cotg	d	tang	sin	d	68°	P.P.

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9	17.1

68°.800 — 68°.750

21°.250 — 21°.300

21°	sin	d	tang	d	cotg	cos	d		P.P.
.250	9.559 234		9.589 814		0.410 186	9.969 420		.750	
		19		23			3		
251	9.559 253		9.589 837		0.410 163	9.969 417		749	
		20		22			3		
252	9.559 273		9.589 859		0.410 141	9.969 414		748	
		19		23			3		
253	9.559 292		9.589 882		0.410 118	9.969 411		747	
		20		22			3		
254	9.559 312		9.589 904		0.410 096	9.969 408		746	
		19		22			3		
255	9.559 331		9.589 926		0.410 074	9.969 405		745	
		20		23			3		
256	9.559 351		9.589 949		0.410 051	9.969 402		744	
		19		22			3		
257	9.559 370		9.589 971		0.410 029	9.969 399		743	
		20		23			3		
258	9.559 390		9.589 994		0.410 006	9.969 396		742	
		19		22			3		
259	9.559 409		9.590 016		0.409 984	9.969 393		741	
		20		23			3		
.260	9.559 429		9.590 039		0.409 961	9.969 390		.740	
		19		22			3		
261	9.559 448		9.590 061		0.409 939	9.969 387		739	
		20		22			3		
262	9.559 468		9.590 083		0.409 917	9.969 384		738	
		19		23			3		
263	9.559 487		9.590 106		0.409 894	9.969 381		737	
		20		22			3		
264	9.559 507		9.590 128		0.409 872	9.969 378		736	
		19		23			3		
265	9.559 526		9.590 151		0.409 849	9.969 375		735	
		20		22			3		
266	9.559 546		9.590 173		0.409 827	9.969 372		734	
		19		23			3		
267	9.559 565		9.590 196		0.409 804	9.969 369		733	
		19		22			3		
268	9.559 584		9.590 218		0.409 782	9.969 366		732	
		20		22			2		
269	9.559 604		9.590 240		0.409 760	9.969 364		731	
		19		23			3		
.270	9.559 623		9.590 263		0.409 737	9.969 361		.730	
		20		22			3		
271	9.559 643		9.590 285		0.409 715	9.969 358		729	
		19		23			3		
272	9.559 662		9.590 308		0.409 692	9.969 355		728	
		20		22			3		
273	9.559 682		9.590 330		0.409 670	9.969 352		727	
		19		22			3		
274	9.559 701		9.590 352		0.409 648	9.969 349		726	
		20		23			3		
275	9.559 721		9.590 375		0.409 625	9.969 346		725	
		19		22			3		
276	9.559 740		9.590 397		0.409 603	9.969 343		724	
		20		23			3		
277	9.559 760		9.590 420		0.409 580	9.969 340		723	
		19		22			3		
278	9.559 779		9.590 442		0.409 558	9.969 337		722	
		20		23			3		
279	9.559 799		9.590 465		0.409 535	9.969 334		721	
		19		22			3		
.280	9.559 818		9.590 487		0.409 513	9.969 331		.720	
		20		22			3		
281	9.559 838		9.590 509		0.409 491	9.969 328		719	
		19		23			3		
282	9.559 857		9.590 532		0.409 468	9.969 325		718	
		19		22			3		
283	9.559 876		9.590 554		0.409 446	9.969 322		717	
		20		23			3		
284	9.559 896		9.590 577		0.409 423	9.969 319		716	
		19		22			3		
285	9.559 915		9.590 599		0.409 401	9.969 316		715	
		20		22			3		
286	9.559 935		9.590 621		0.409 379	9.969 313		714	
		19		23			3		
287	9.559 954		9.590 644		0.409 356	9.969 310		713	
		20		22			3		
288	9.559 974		9.590 666		0.409 334	9.969 307		712	
		19		23			2		
289	9.559 993		9.590 689		0.409 311	9.969 305		711	
		20		22			3		
.290	9.560 013		9.590 711		0.409 289	9.969 302		.710	
		19		22			3		
291	9.560 032		9.590 733		0.409 267	9.969 299		709	
		20		23			3		
292	9.560 052		9.590 756		0.409 244	9.969 296		708	
		19		22			3		
293	9.560 071		9.590 778		0.409 222	9.969 293		707	
		19		23			3		
294	9.560 090		9.590 801		0.409 199	9.969 290		706	
		20		22			3		
295	9.560 110		9.590 823		0.409 177	9.969 287		705	
		19		22			3		
296	9.560 129		9.590 845		0.409 155	9.969 284		704	
		20		23			3		
297	9.560 149		9.590 868		0.409 132	9.969 281		703	
		19		22			3		
298	9.560 168		9.590 890		0.409 110	9.969 278		702	
		20		23			3		
299	9.560 188		9.590 913		0.409 087	9.969 275		701	
		19		22			3		
.300	9.560 207		9.590 935		0.409 065	9.969 272		.700	
	cos	d	cotg	d	tang	sin	d	68°	P.P.

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68°.750 — 68°.700

21°.300 — 21°.350

21°	sin	d	tang	d	cotg	cos	d		P.P.
.300	9.560 207	20	9.590 935	22	0.409 065	9.969 272	3	.700	
301	9.560 227	19	9.590 957	23	0.409 043	9.969 269	3	699	
302	9.560 246	19	9.590 980	22	0.409 020	9.969 266	3	698	
303	9.560 265	20	9.591 002	23	0.408 998	9.969 263	3	697	
304	9.560 285	19	9.591 025	22	0.408 975	9.969 260	3	696	
305	9.560 304	20	9.591 047	22	0.408 953	9.969 257	3	695	
306	9.560 324	19	9.591 069	23	0.408 931	9.969 254	3	694	
307	9.560 343	20	9.591 092	22	0.408 908	9.969 251	3	693	
308	9.560 363	19	9.591 114	23	0.408 886	9.969 248	3	692	
309	9.560 382	19	9.591 137	22	0.408 863	9.969 245	3	691	
.310	9.560 401	20	9.591 159	22	0.408 841	9.969 242	3	.690	
311	9.560 421	19	9.591 181	23	0.408 819	9.969 239	2	689	
312	9.560 440	20	9.591 204	22	0.408 796	9.969 237	3	688	
313	9.560 460	19	9.591 226	23	0.408 774	9.969 234	3	687	
314	9.560 479	20	9.591 249	22	0.408 751	9.969 231	3	686	
315	9.560 499	19	9.591 271	22	0.408 729	9.969 228	3	685	
316	9.560 518	19	9.591 293	23	0.408 707	9.969 225	3	684	
317	9.560 537	20	9.591 316	22	0.408 684	9.969 222	3	683	
318	9.560 557	19	9.591 338	22	0.408 662	9.969 219	3	682	
319	9.560 576	20	9.591 360	23	0.408 640	9.969 216	3	681	
.320	9.560 596	19	9.591 383	22	0.408 617	9.969 213	3	.680	
321	9.560 615	20	9.591 405	23	0.408 595	9.969 210	3	679	
322	9.560 635	19	9.591 428	22	0.408 572	9.969 207	3	678	
323	9.560 654	19	9.591 450	22	0.408 550	9.969 204	3	677	
324	9.560 673	20	9.591 472	23	0.408 528	9.969 201	3	676	
325	9.560 693	19	9.591 495	22	0.408 505	9.969 198	3	675	
326	9.560 712	20	9.591 517	22	0.408 483	9.969 195	3	674	
327	9.560 732	19	9.591 539	23	0.408 461	9.969 192	3	673	
328	9.560 751	19	9.591 562	22	0.408 438	9.969 189	3	672	
329	9.560 770	20	9.591 584	23	0.408 416	9.969 186	3	671	
.330	9.560 790	19	9.591 607	22	0.408 393	9.969 183	3	.670	
331	9.560 809	20	9.591 629	22	0.408 371	9.969 180	3	669	
332	9.560 829	19	9.591 651	23	0.408 349	9.969 177	3	668	
333	9.560 848	20	9.591 674	22	0.408 326	9.969 174	3	667	
334	9.560 868	19	9.591 696	22	0.408 304	9.969 171	3	666	
335	9.560 887	19	9.591 718	23	0.408 282	9.969 168	3	665	
336	9.560 906	20	9.591 741	22	0.408 259	9.969 166	2	664	
337	9.560 926	19	9.591 763	23	0.408 237	9.969 163	3	663	
338	9.560 945	20	9.591 786	22	0.408 214	9.969 160	3	662	
339	9.560 965	19	9.591 808	22	0.408 192	9.969 157	3	661	
.340	9.560 984	19	9.591 830	23	0.408 170	9.969 154	3	.660	
341	9.561 003	20	9.591 853	22	0.408 147	9.969 151	3	659	
342	9.561 023	19	9.591 875	22	0.408 125	9.969 148	3	658	
343	9.561 042	20	9.591 897	23	0.408 103	9.969 145	3	657	
344	9.561 062	19	9.591 920	22	0.408 080	9.969 142	3	656	
345	9.561 081	19	9.591 942	22	0.408 058	9.969 139	3	655	
346	9.561 100	20	9.591 964	23	0.408 036	9.969 136	3	654	
347	9.561 120	19	9.591 987	22	0.408 013	9.969 133	3	653	
348	9.561 139	20	9.592 009	23	0.407 991	9.969 130	3	652	
349	9.561 159	19	9.592 032	22	0.407 968	9.969 127	3	651	
.350	9.561 178		9.592 054		0.407 946	9.969 124		.650	
	cos	d	cotg	d	tang	sin	d	68°	P.P.

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4	8.8
5	11.0
6	13.2
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9	19.8

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3	6.0
4	8.0
5	10.0
6	12.0
7	14.0
8	16.0
9	18.0

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4	7.6
5	9.5
6	11.4
7	13.3
8	15.2
9	17.1

68°.700 — 68°.650

21°.350 — 21°.400

21°	sin	d	tang	d	cotg	cos	d		P.P.
.350	9.561 178		9.592 054		0.407 946	9.969 124		.650	
		19		22			3		
351	9.561 197		9.592 076		0.407 924	9.969 121		649	
		20		23			3		
352	9.561 217		9.592 099		0.407 901	9.969 118		648	
		19		22			3		
353	9.561 236		9.592 121		0.407 879	9.969 115		647	
		19		22			3		
354	9.561 255		9.592 143		0.407 857	9.969 112		646	
		20		23			3		
355	9.561 275		9.592 166		0.407 834	9.969 109		645	
		19		22			3		
356	9.561 294		9.592 188		0.407 812	9.969 106		644	
		20		22			3		
357	9.561 314		9.592 210		0.407 790	9.969 103		643	
		19		23			3		
358	9.561 333		9.592 233		0.407 767	9.969 100		642	
		19		22			3		
359	9.561 352		9.592 255		0.407 745	9.969 097		641	
		20		22			3		
.360	9.561 372		9.592 277		0.407 723	9.969 094		.640	
		19		23			3		
361	9.561 391		9.592 300		0.407 700	9.969 091		639	
		20		22			3		
362	9.561 411		9.592 322		0.407 678	9.969 088		638	
		19		22			2		
363	9.561 430		9.592 344		0.407 656	9.969 086		637	
		19		23			3		
364	9.561 449		9.592 367		0.407 633	9.969 083		636	
		20		22			3		
365	9.561 469		9.592 389		0.407 611	9.969 080		635	
		19		22			3		
366	9.561 488		9.592 411		0.407 589	9.969 077		634	
		19		23			3		
367	9.561 507		9.592 434		0.407 566	9.969 074		633	
		20		22			3		
368	9.561 527		9.592 456		0.407 544	9.969 071		632	
		19		22			3		
369	9.561 546		9.592 478		0.407 522	9.969 068		631	
		20		23			3		
.370	9.561 566		9.592 501		0.407 499	9.969 065		.630	
		19		22			3		
371	9.561 585		9.592 523		0.407 477	9.969 062		629	
		19		22			3		
372	9.561 604		9.592 545		0.407 455	9.969 059		628	
		20		23			3		
373	9.561 624		9.592 568		0.407 432	9.969 056		627	
		19		22			3		
374	9.561 643		9.592 590		0.407 410	9.969 053		626	
		19		22			3		
375	9.561 662		9.592 612		0.407 388	9.969 050		625	
		20		23			3		
376	9.561 682		9.592 635		0.407 365	9.969 047		624	
		19		22			3		
377	9.561 701		9.592 657		0.407 343	9.969 044		623	
		19		22			3		
378	9.561 720		9.592 679		0.407 321	9.969 041		622	
		20		23			3		
379	9.561 740		9.592 702		0.407 298	9.969 038		621	
		19		22			3		
.380	9.561 759		9.592 724		0.407 276	9.969 035		.620	
		20		22			3		
381	9.561 779		9.592 746		0.407 254	9.969 032		619	
		19		23			3		
382	9.561 798		9.592 769		0.407 231	9.969 029		618	
		19		22			3		
383	9.561 817		9.592 791		0.407 209	9.969 026		617	
		20		22			3		
384	9.561 837		9.592 813		0.407 187	9.969 023		616	
		19		23			3		
385	9.561 856		9.592 836		0.407 164	9.969 020		615	
		19		22			3		
386	9.561 875		9.592 858		0.407 142	9.969 017		614	
		20		22			3		
387	9.561 895		9.592 880		0.407 120	9.969 014		613	
		19		23			3		
388	9.561 914		9.592 903		0.407 097	9.969 011		612	
		19		22			3		
389	9.561 933		9.592 925		0.407 075	9.969 008		611	
		20		22			3		
.390	9.561 953		9.592 947		0.407 053	9.969 005		.610	
		19		23			3		
391	9.561 972		9.592 970		0.407 030	9.969 002		609	
		19		22			3		
392	9.561 991		9.592 992		0.407 008	9.968 999		608	
		20		22			2		
393	9.562 011		9.593 014		0.406 986	9.968 997		607	
		19		23			3		
394	9.562 030		9.593 037		0.406 963	9.968 994		606	
		20		22			3		
395	9.562 050		9.593 059		0.406 941	9.968 991		605	
		19		22			3		
396	9.562 069		9.593 081		0.406 919	9.968 988		604	
		19		23			3		
397	9.562 088		9.593 104		0.406 896	9.968 985		603	
		20		22			3		
398	9.562 108		9.593 126		0.406 874	9.968 982		602	
		19		22			3		
399	9.562 127		9.593 148		0.406 852	9.968 979		601	
		19		23			3		
.400	9.562 146		9.593 171		0.406 829	9.968 976		.600	
	cos	d	cotg	d	tang	sin	d	68°	P.P.

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68°.650 — 68°.600

21°.400 — 21°.450

21°	sin	d	tang	d	cotg	cos	d		P.P.
.400	9.562 146	20	9.593 171	22	0.406 829	9.968 976	3	.600	
401	9.562 166	19	9.593 193	22	0.406 807	9.968 973	3	599	
402	9.562 185	19	9.593 215	22	0.406 785	9.968 970	3	598	
403	9.562 204	20	9.593 237	23	0.406 763	9.968 967	3	597	
404	9.562 224	19	9.593 260	22	0.406 740	9.968 964	3	596	
405	9.562 243	19	9.593 282	22	0.406 718	9.968 961	3	595	
406	9.562 262	20	9.593 304	23	0.406 696	9.968 958	3	594	
407	9.562 282	19	9.593 327	22	0.406 673	9.968 955	3	593	
408	9.562 301	19	9.593 349	22	0.406 651	9.968 952	3	592	
409	9.562 320	20	9.593 371	23	0.406 629	9.968 949	3	591	
.410	9.562 340	19	9.593 394	22	0.406 606	9.968 946	3	.590	
411	9.562 359	19	9.593 416	22	0.406 584	9.968 943	3	589	
412	9.562 378	20	9.593 438	23	0.406 562	9.968 940	3	588	
413	9.562 398	19	9.593 461	22	0.406 539	9.968 937	3	587	
414	9.562 417	19	9.593 483	22	0.406 517	9.968 934	3	586	
415	9.562 436	20	9.593 505	22	0.406 495	9.968 931	3	585	
416	9.562 456	19	9.593 527	23	0.406 473	9.968 928	3	584	
417	9.562 475	19	9.593 550	22	0.406 450	9.968 925	3	583	
418	9.562 494	20	9.593 572	22	0.406 428	9.968 922	3	582	
419	9.562 514	19	9.593 594	23	0.406 406	9.968 919	3	581	
.420	9.562 533	19	9.593 617	22	0.406 383	9.968 916	3	.580	
421	9.562 552	20	9.593 639	22	0.406 361	9.968 913	3	579	
422	9.562 572	19	9.593 661	22	0.406 339	9.968 910	3	578	
423	9.562 591	19	9.593 683	23	0.406 317	9.968 907	3	577	
424	9.562 610	19	9.593 706	22	0.406 294	9.968 904	3	576	
425	9.562 629	20	9.593 728	22	0.406 272	9.968 901	3	575	
426	9.562 649	19	9.593 750	23	0.406 250	9.968 898	3	574	
427	9.562 668	19	9.593 773	22	0.406 227	9.968 895	3	573	
428	9.562 687	20	9.593 795	22	0.406 205	9.968 892	3	572	
429	9.562 707	19	9.593 817	22	0.406 183	9.968 890	2	571	
.430	9.562 726	19	9.593 839	23	0.406 161	9.968 887	3	.570	
431	9.562 745	20	9.593 862	22	0.406 138	9.968 884	3	569	
432	9.562 765	19	9.593 884	22	0.406 116	9.968 881	3	568	
433	9.562 784	19	9.593 906	23	0.406 094	9.968 878	3	567	
434	9.562 803	20	9.593 929	22	0.406 071	9.968 875	3	566	
435	9.562 823	19	9.593 951	22	0.406 049	9.968 872	3	565	
436	9.562 842	19	9.593 973	22	0.406 027	9.968 869	3	564	
437	9.562 861	19	9.593 995	23	0.406 005	9.968 866	3	563	
438	9.562 880	20	9.594 018	22	0.405 982	9.968 863	3	562	
439	9.562 900	19	9.594 040	22	0.405 960	9.968 860	3	561	
.440	9.562 919	19	9.594 062	23	0.405 938	9.968 857	3	.560	
441	9.562 938	20	9.594 085	22	0.405 915	9.968 854	3	559	
442	9.562 958	19	9.594 107	22	0.405 893	9.968 851	3	558	
443	9.562 977	19	9.594 129	22	0.405 871	9.968 848	3	557	
444	9.562 996	20	9.594 151	23	0.405 849	9.968 845	3	556	
445	9.563 016	19	9.594 174	22	0.405 826	9.968 842	3	555	
446	9.563 035	19	9.594 196	22	0.405 804	9.968 839	3	554	
447	9.563 054	19	9.594 218	23	0.405 782	9.968 836	3	553	
448	9.563 073	20	9.594 241	22	0.405 759	9.968 833	3	552	
449	9.563 093	19	9.594 263	22	0.405 737	9.968 830	3	551	
.450	9.563 112		9.594 285		0.405 715	9.968 827		.550	
	cos	d	cotg	d	tang	sin	d	68°	P.P.

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68°.600 — 68°.550

21°.450 — 21°.500

21°	sin	d	tang	d	cotg	cos	d		P.P.
.450	9.563 112		9.594 285		0.405 715	9.968 827		.550	
		19		22			3		
451	9.563 131		9.594 307		0.405 693	9.968 824		549	
		20		23			3		
452	9.563 151		9.594 330		0.405 670	9.968 821		548	
		19		22			3		
453	9.563 170		9.594 352		0.405 648	9.968 818		547	
		19		22			3		
454	9.563 189		9.594 374		0.405 626	9.968 815		546	
		20		22			3		
455	9.563 209		9.594 396		0.405 604	9.968 812		545	
		19		23			3		
456	9.563 228		9.594 419		0.405 581	9.968 809		544	
		19		22			3		
457	9.563 247		9.594 441		0.405 559	9.968 806		543	
		19		22			3		
458	9.563 266		9.594 463		0.405 537	9.968 803		542	
		20		22			3		
459	9.563 286		9.594 485		0.405 515	9.968 800		541	
		19		23			3		
.460	9.563 305		9.594 508		0.405 492	9.968 797		.540	
		19		22			3		
461	9.563 324		9.594 530		0.405 470	9.968 794		539	
		20		22			3		
462	9.563 344		9.594 552		0.405 448	9.968 791		538	
		19		23			3		
463	9.563 363		9.594 575		0.405 425	9.968 788		537	
		19		22			3		
464	9.563 382		9.594 597		0.405 403	9.968 785		536	
		19		22			3		
465	9.563 401		9.594 619		0.405 381	9.968 782		535	
		20		22			3		
466	9.563 421		9.594 641		0.405 359	9.968 779		534	
		19		23			3		
467	9.563 440		9.594 664		0.405 336	9.968 776		533	
		19		22			3		
468	9.563 459		9.594 686		0.405 314	9.968 773		532	
		19		22			3		
469	9.563 478		9.594 708		0.405 292	9.968 770		531	
		20		22			3		
.470	9.563 498		9.594 730		0.405 270	9.968 767		.530	
		19		23			3		
471	9.563 517		9.594 753		0.405 247	9.968 764		529	
		19		22			3		
472	9.563 536		9.594 775		0.405 225	9.968 761		528	
		20		22			3		
473	9.563 556		9.594 797		0.405 203	9.968 758		527	
		19		22			3		
474	9.563 575		9.594 819		0.405 181	9.968 755		526	
		19		23			3		
475	9.563 594		9.594 842		0.405 158	9.968 752		525	
		19		22			2		
476	9.563 613		9.594 864		0.405 136	9.968 750		524	
		20		22			3		
477	9.563 633		9.594 886		0.405 114	9.968 747		523	
		19		22			3		
478	9.563 652		9.594 908		0.405 092	9.968 744		522	
		19		23			3		
479	9.563 671		9.594 931		0.405 069	9.968 741		521	
		19		22			3		
.480	9.563 690		9.594 953		0.405 047	9.968 738		.520	
		20		22			3		
481	9.563 710		9.594 975		0.405 025	9.968 735		519	
		19		22			3		
482	9.563 729		9.594 997		0.405 003	9.968 732		518	
		19		23			3		
483	9.563 748		9.595 020		0.404 980	9.968 729		517	
		19		22			3		
484	9.563 767		9.595 042		0.404 958	9.968 726		516	
		20		22			3		
485	9.563 787		9.595 064		0.404 936	9.968 723		515	
		19		22			3		
486	9.563 806		9.595 086		0.404 914	9.968 720		514	
		19		22			3		
487	9.563 825		9.595 108		0.404 892	9.968 717		513	
		19		23			3		
488	9.563 844		9.595 131		0.404 869	9.968 714		512	
		20		22			3		
489	9.563 864		9.595 153		0.404 847	9.968 711		511	
		19		22			3		
.490	9.563 883		9.595 175		0.404 825	9.968 708		.510	
		19		22			3		
491	9.563 902		9.595 197		0.404 803	9.968 705		509	
		19		23			3		
492	9.563 921		9.595 220		0.404 780	9.968 702		508	
		20		22			3		
493	9.563 941		9.595 242		0.404 758	9.968 699		507	
		19		22			3		
494	9.563 960		9.595 264		0.404 736	9.968 696		506	
		19		22			3		
495	9.563 979		9.595 286		0.404 714	9.968 693		505	
		19		23			3		
496	9.563 998		9.595 309		0.404 691	9.968 690		504	
		20		22			3		
497	9.564 018		9.595 331		0.404 669	9.968 687		503	
		19		22			3		
498	9.564 037		9.595 353		0.404 647	9.968 684		502	
		19		22			3		
499	9.564 056		9.595 375		0.404 625	9.968 681		501	
		19		23			3		
.500	9.564 075		9.595 398		0.404 602	9.968 678		.500	
	cos	d	cotg	d	tang	sin	d	68°	P.P.

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68°.550 — 68°.500

21°.500 — 21°.550

21°	sin	d	tang	d	cotg	cos	d		P.P.
.500	9.564 075	20	9.595 398	22	0.404 602	9.968 678	3	.500	
501	9.564 095	19	9.595 420	22	0.404 580	9.968 675	3	499	
502	9.564 114	19	9.595 442	22	0.404 558	9.968 672	3	498	
503	9.564 133	19	9.595 464	22	0.404 536	9.968 669	3	497	
504	9.564 152	20	9.595 486	23	0.404 514	9.968 666	3	496	
505	9.564 172	19	9.595 509	22	0.404 491	9.968 663	3	495	
506	9.564 191	19	9.595 531	22	0.404 469	9.968 660	3	494	
507	9.564 210	19	9.595 553	22	0.404 447	9.968 657	3	493	
508	9.564 229	20	9.595 575	23	0.404 425	9.968 654	3	492	
509	9.564 249	19	9.595 598	22	0.404 402	9.968 651	3	491	
.510	9.564 268	19	9.595 620	22	0.404 380	9.968 648	3	.490	
511	9.564 287	19	9.595 642	22	0.404 358	9.968 645	3	489	
512	9.564 306	20	9.595 664	22	0.404 336	9.968 642	3	488	
513	9.564 326	19	9.595 686	23	0.404 314	9.968 639	3	487	
514	9.564 345	19	9.595 709	22	0.404 291	9.968 636	3	486	
515	9.564 364	19	9.595 731	22	0.404 269	9.968 633	3	485	
516	9.564 383	19	9.595 753	22	0.404 247	9.968 630	3	484	
517	9.564 402	20	9.595 775	23	0.404 225	9.968 627	3	483	
518	9.564 422	19	9.595 798	22	0.404 202	9.968 624	3	482	
519	9.564 441	19	9.595 820	22	0.404 180	9.968 621	3	481	
.520	9.564 460	19	9.595 842	22	0.404 158	9.968 618	3	.480	
521	9.564 479	20	9.595 864	22	0.404 136	9.968 615	3	479	
522	9.564 499	19	9.595 886	23	0.404 114	9.968 612	3	478	
523	9.564 518	19	9.595 909	22	0.404 091	9.968 609	3	477	
524	9.564 537	19	9.595 931	22	0.404 069	9.968 606	3	476	
525	9.564 556	19	9.595 953	22	0.404 047	9.968 603	3	475	
526	9.564 575	20	9.595 975	22	0.404 025	9.968 600	3	474	
527	9.564 595	19	9.595 997	23	0.404 003	9.968 597	3	473	
528	9.564 614	19	9.596 020	22	0.403 980	9.968 594	3	472	
529	9.564 633	19	9.596 042	22	0.403 958	9.968 591	3	471	
.530	9.564 652	19	9.596 064	22	0.403 936	9.968 588	3	.470	
531	9.564 671	20	9.596 086	22	0.403 914	9.968 585	3	469	
532	9.564 691	19	9.596 108	23	0.403 892	9.968 582	3	468	
533	9.564 710	19	9.596 131	22	0.403 869	9.968 579	3	467	
534	9.564 729	19	9.596 153	22	0.403 847	9.968 576	3	466	
535	9.564 748	20	9.596 175	22	0.403 825	9.968 573	3	465	
536	9.564 768	19	9.596 197	22	0.403 803	9.968 570	3	464	
537	9.564 787	19	9.596 219	23	0.403 781	9.968 567	3	463	
538	9.564 806	19	9.596 242	22	0.403 758	9.968 564	3	462	
539	9.564 825	19	9.596 264	22	0.403 736	9.968 561	3	461	
.540	9.564 844	20	9.596 286	22	0.403 714	9.968 558	3	.460	
541	9.564 864	19	9.596 308	22	0.403 692	9.968 555	3	459	
542	9.564 883	19	9.596 330	23	0.403 670	9.968 552	3	458	
543	9.564 902	19	9.596 353	22	0.403 647	9.968 549	3	457	
544	9.564 921	19	9.596 375	22	0.403 625	9.968 546	3	456	
545	9.564 940	20	9.596 397	22	0.403 603	9.968 543	3	455	
546	9.564 960	19	9.596 419	22	0.403 581	9.968 540	3	454	
547	9.564 979	19	9.596 441	23	0.403 559	9.968 537	3	453	
548	9.564 998	19	9.596 464	22	0.403 536	9.968 534	3	452	
549	9.565 017	19	9.596 486	22	0.403 514	9.968 531	3	451	
.550	9.565 036		9.596 508		0.403 492	9.968 528		.450	
	cos	d	cotg	d	tang	sin	d	68°	P.P.

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68°.500 — 68°.450

21°.550 — 21°.600

21°	sin	d	tang	d	cotg	cos	d		P.P.
.550	9.565 036	20	9.596 508	22	0.403 492	9.968 528	3	.450	
551	9.565 056	19	9.596 530	22	0.403 470	9.968 525	3	449	
552	9.565 075	19	9.596 552	22	0.403 448	9.968 522	3	448	
553	9.565 094	19	9.596 574	23	0.403 426	9.968 519	3	447	
554	9.565 113	19	9.596 597	22	0.403 403	9.968 516	3	446	
555	9.565 132	19	9.596 619	22	0.403 381	9.968 513	3	445	
556	9.565 151	20	9.596 641	22	0.403 359	9.968 510	3	444	
557	9.565 171	19	9.596 663	22	0.403 337	9.968 507	3	443	
558	9.565 190	19	9.596 685	23	0.403 315	9.968 504	3	442	
559	9.565 209	19	9.596 708	22	0.403 292	9.968 501	3	441	
.560	9.565 228	19	9.596 730	22	0.403 270	9.968 498	3	.440	
561	9.565 247	20	9.596 752	22	0.403 248	9.968 495	3	439	
562	9.565 267	19	9.596 774	22	0.403 226	9.968 492	3	438	
563	9.565 286	19	9.596 796	22	0.403 204	9.968 489	3	437	
564	9.565 305	19	9.596 818	23	0.403 182	9.968 486	2	436	
565	9.565 324	19	9.596 841	22	0.403 159	9.968 484	3	435	
566	9.565 343	19	9.596 863	22	0.403 137	9.968 481	3	434	
567	9.565 362	20	9.596 885	22	0.403 115	9.968 478	3	433	
568	9.565 382	19	9.596 907	22	0.403 093	9.968 475	3	432	
569	9.565 401	19	9.596 929	22	0.403 071	9.968 472	3	431	
.570	9.565 420	19	9.596 951	23	0.403 049	9.968 469	3	.430	
571	9.565 439	19	9.596 974	22	0.403 026	9.968 466	3	429	
572	9.565 458	20	9.596 996	22	0.403 004	9.968 463	3	428	
573	9.565 478	19	9.597 018	22	0.402 982	9.968 460	3	427	
574	9.565 497	19	9.597 040	22	0.402 960	9.968 457	3	426	
575	9.565 516	19	9.597 062	22	0.402 938	9.968 454	3	425	
576	9.565 535	19	9.597 084	23	0.402 916	9.968 451	3	424	
577	9.565 554	19	9.597 107	22	0.402 893	9.968 448	3	423	
578	9.565 573	20	9.597 129	22	0.402 871	9.968 445	3	422	
579	9.565 593	19	9.597 151	22	0.402 849	9.968 442	3	421	
.580	9.565 612	19	9.597 173	22	0.402 827	9.968 439	3	.420	
581	9.565 631	19	9.597 195	22	0.402 805	9.968 436	3	419	
582	9.565 650	19	9.597 217	23	0.402 783	9.968 433	3	418	
583	9.565 669	19	9.597 240	22	0.402 760	9.968 430	3	417	
584	9.565 688	20	9.597 262	22	0.402 738	9.968 427	3	416	
585	9.565 708	19	9.597 284	22	0.402 716	9.968 424	3	415	
586	9.565 727	19	9.597 306	22	0.402 694	9.968 421	3	414	
587	9.565 746	19	9.597 328	22	0.402 672	9.968 418	3	413	
588	9.565 765	19	9.597 350	23	0.402 650	9.968 415	3	412	
589	9.565 784	19	9.597 373	22	0.402 627	9.968 412	3	411	
.590	9.565 803	19	9.597 395	22	0.402 605	9.968 409	3	.410	
591	9.565 822	20	9.597 417	22	0.402 583	9.968 406	3	409	
592	9.565 842	19	9.597 439	22	0.402 561	9.968 403	3	408	
593	9.565 861	19	9.597 461	22	0.402 539	9.968 400	3	407	
594	9.565 880	19	9.597 483	22	0.402 517	9.968 397	3	406	
595	9.565 899	19	9.597 505	23	0.402 495	9.968 394	3	405	
596	9.565 918	19	9.597 528	22	0.402 472	9.968 391	3	404	
597	9.565 937	19	9.597 550	22	0.402 450	9.968 388	3	403	
598	9.565 956	20	9.597 572	22	0.402 428	9.968 385	3	402	
599	9.565 976	19	9.597 594	22	0.402 406	9.968 382	3	401	
.600	9.565 995		9.597 616		0.402 384	9.968 379		.400	
	cos	d	cotg	d	tang	sin	d	68°	P.P.

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68°.450 — 68°.400

21°.600 — 21°.650

21°	sin	d	tang	d	cotg	cos	d		P.P.
.600	9.565 995	19	9.597 616	22	0.402 384	9.968 379	3	.400	
601	9.566 014	19	9.597 638	23	0.402 362	9.968 376	3	399	
602	9.566 033	19	9.597 661	22	0.402 339	9.968 373	3	398	
603	9.566 052	19	9.597 683	22	0.402 317	9.968 370	3	397	
604	9.566 071	19	9.597 705	22	0.402 295	9.968 367	3	396	
605	9.566 090	20	9.597 727	22	0.402 273	9.968 364	3	395	
606	9.566 110	19	9.597 749	22	0.402 251	9.968 361	3	394	
607	9.566 129	19	9.597 771	22	0.402 229	9.968 358	3	393	
608	9.566 148	19	9.597 793	23	0.402 207	9.968 355	3	392	
609	9.566 167	19	9.597 816	22	0.402 184	9.968 352	3	391	
.610	9.566 186	19	9.597 838	22	0.402 162	9.968 349	3	.390	
611	9.566 205	19	9.597 860	22	0.402 140	9.968 346	3	389	
612	9.566 224	19	9.597 882	22	0.402 118	9.968 343	3	388	
613	9.566 244	20	9.597 904	22	0.402 096	9.968 340	3	387	
614	9.566 263	19	9.597 926	22	0.402 074	9.968 337	3	386	
615	9.566 282	19	9.597 948	22	0.402 052	9.968 334	3	385	
616	9.566 301	19	9.597 970	23	0.402 030	9.968 331	3	384	
617	9.566 320	19	9.597 993	22	0.402 007	9.968 328	3	383	
618	9.566 339	19	9.598 015	22	0.401 985	9.968 325	3	382	
619	9.566 358	19	9.598 037	22	0.401 963	9.968 322	3	381	
.620	9.566 377	19	9.598 059	22	0.401 941	9.968 319	3	.380	
621	9.566 397	20	9.598 081	22	0.401 919	9.968 316	3	379	
622	9.566 416	19	9.598 103	22	0.401 897	9.968 312	4	378	
623	9.566 435	19	9.598 125	22	0.401 875	9.968 309	3	377	
624	9.566 454	19	9.598 147	22	0.401 853	9.968 306	3	376	
625	9.566 473	19	9.598 170	23	0.401 830	9.968 303	3	375	
626	9.566 492	19	9.598 192	22	0.401 808	9.968 300	3	374	
627	9.566 511	19	9.598 214	22	0.401 786	9.968 297	3	373	
628	9.566 530	19	9.598 236	22	0.401 764	9.968 294	3	372	
629	9.566 550	20	9.598 258	22	0.401 742	9.968 291	3	371	
.630	9.566 569	19	9.598 280	22	0.401 720	9.968 288	3	.370	
631	9.566 588	19	9.598 302	22	0.401 698	9.968 285	3	369	
632	9.566 607	19	9.598 324	22	0.401 676	9.968 282	3	368	
633	9.566 626	19	9.598 347	23	0.401 653	9.968 279	3	367	
634	9.566 645	19	9.598 369	22	0.401 631	9.968 276	3	366	
635	9.566 664	19	9.598 391	22	0.401 609	9.968 273	3	365	
636	9.566 683	19	9.598 413	22	0.401 587	9.968 270	3	364	
637	9.566 702	19	9.598 435	22	0.401 565	9.968 267	3	363	
638	9.566 722	20	9.598 457	22	0.401 543	9.968 264	3	362	
639	9.566 741	19	9.598 479	22	0.401 521	9.968 261	3	361	
.640	9.566 760	19	9.598 501	22	0.401 499	9.968 258	3	.360	
641	9.566 779	19	9.598 524	23	0.401 476	9.968 255	3	359	
642	9.566 798	19	9.598 546	22	0.401 454	9.968 252	3	358	
643	9.566 817	19	9.598 568	22	0.401 432	9.968 249	3	357	
644	9.566 836	19	9.598 590	22	0.401 410	9.968 246	3	356	
645	9.566 855	19	9.598 612	22	0.401 388	9.968 243	3	355	
646	9.566 874	19	9.598 634	22	0.401 366	9.968 240	3	354	
647	9.566 894	20	9.598 656	22	0.401 344	9.968 237	3	353	
648	9.566 913	19	9.598 678	22	0.401 322	9.968 234	3	352	
649	9.566 932	19	9.598 700	22	0.401 300	9.968 231	3	351	
.650	9.566 951	19	9.598 722	22	0.401 278	9.968 228	3	.350	
	cos	d	cotg	d	tang	sin	d	68°	P.P.

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9	17.1

68°.400 — 68°.350

21°.650 — 21°.700

21°	sin	d	tang	d	cotg	cos	d		P.P.
.650	9.566 951	19	9.598 722	23	0.401 278	9.968 228	3	.350	
651	9.566 970	19	9.598 745	22	0.401 255	9.968 225	3	349	
652	9.566 989	19	9.598 767	22	0.401 233	9.968 222	3	348	
653	9.567 008	19	9.598 789	22	0.401 211	9.968 219	3	347	
654	9.567 027	19	9.598 811	22	0.401 189	9.968 216	3	346	
655	9.567 046	19	9.598 833	22	0.401 167	9.968 213	3	345	
656	9.567 065	19	9.598 855	22	0.401 145	9.968 210	3	344	
657	9.567 084	19	9.598 877	22	0.401 123	9.968 207	3	343	
658	9.567 104	20	9.598 899	22	0.401 101	9.968 204	3	342	
659	9.567 123	19	9.598 921	22	0.401 079	9.968 201	3	341	
.660	9.567 142	19	9.598 943	23	0.401 057	9.968 198	3	.340	
661	9.567 161	19	9.598 966	22	0.401 034	9.968 195	3	339	
662	9.567 180	19	9.598 988	22	0.401 012	9.968 192	3	338	
663	9.567 199	19	9.599 010	22	0.400 990	9.968 189	3	337	
664	9.567 218	19	9.599 032	22	0.400 968	9.968 186	3	336	
665	9.567 237	19	9.599 054	22	0.400 946	9.968 183	3	335	
666	9.567 256	19	9.599 076	22	0.400 924	9.968 180	3	334	
667	9.567 275	19	9.599 098	22	0.400 902	9.968 177	3	333	
668	9.567 294	19	9.599 120	22	0.400 880	9.968 174	3	332	
669	9.567 313	19	9.599 142	22	0.400 858	9.968 171	3	331	
.670	9.567 333	20	9.599 164	22	0.400 836	9.968 168	3	.330	
671	9.567 352	19	9.599 186	22	0.400 814	9.968 165	3	329	
672	9.567 371	19	9.599 209	23	0.400 791	9.968 162	3	328	
673	9.567 390	19	9.599 231	22	0.400 769	9.968 159	3	327	
674	9.567 409	19	9.599 253	22	0.400 747	9.968 156	3	326	
675	9.567 428	19	9.599 275	22	0.400 725	9.968 153	3	325	
676	9.567 447	19	9.599 297	22	0.400 703	9.968 150	3	324	
677	9.567 466	19	9.599 319	22	0.400 681	9.968 147	3	323	
678	9.567 485	19	9.599 341	22	0.400 659	9.968 144	3	322	
679	9.567 504	19	9.599 363	22	0.400 637	9.968 141	3	321	
.680	9.567 523	19	9.599 385	22	0.400 615	9.968 138	3	.320	
681	9.567 542	19	9.599 407	22	0.400 593	9.968 135	3	319	
682	9.567 561	19	9.599 429	22	0.400 571	9.968 132	3	318	
683	9.567 580	19	9.599 451	22	0.400 549	9.968 129	3	317	
684	9.567 599	19	9.599 474	23	0.400 526	9.968 126	3	316	
685	9.567 619	20	9.599 496	22	0.400 504	9.968 123	3	315	
686	9.567 638	19	9.599 518	22	0.400 482	9.968 120	3	314	
687	9.567 657	19	9.599 540	22	0.400 460	9.968 117	3	313	
688	9.567 676	19	9.599 562	22	0.400 438	9.968 114	3	312	
689	9.567 695	19	9.599 584	22	0.400 416	9.968 111	3	311	
.690	9.567 714	19	9.599 606	22	0.400 394	9.968 108	3	.310	
691	9.567 733	19	9.599 628	22	0.400 372	9.968 105	3	309	
692	9.567 752	19	9.599 650	22	0.400 350	9.968 102	3	308	
693	9.567 771	19	9.599 672	22	0.400 328	9.968 099	3	307	
694	9.567 790	19	9.599 694	22	0.400 306	9.968 096	3	306	
695	9.567 809	19	9.599 716	22	0.400 284	9.968 093	3	305	
696	9.567 828	19	9.599 738	22	0.400 262	9.968 090	3	304	
697	9.567 847	19	9.599 760	22	0.400 240	9.968 087	3	303	
698	9.567 866	19	9.599 783	23	0.400 217	9.968 084	3	302	
699	9.567 885	19	9.599 805	22	0.400 195	9.968 081	3	301	
.700	9.567 904	19	9.599 827	22	0.400 173	9.968 078	3	.300	
	cos	d	cotg	d	tang	sin	d	68°	P.P.

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68°.350 — 68°.300

21°.700 — 21°.750

21°	sin	d	tang	d	cotg	cos	d		P.P.
.700	9.567 904	19	9.599 827	22	0.400 173	9.968 078	3	.300	
701	9.567 923	19	9.599 849	22	0.400 151	9.968 075	3	299	
702	9.567 942	20	9.599 871	22	0.400 129	9.968 072	3	298	
703	9.567 962	19	9.599 893	22	0.400 107	9.968 069	3	297	
704	9.567 981	19	9.599 915	22	0.400 085	9.968 066	3	296	
705	9.568 000	19	9.599 937	22	0.400 063	9.968 063	3	295	
706	9.568 019	19	9.599 959	22	0.400 041	9.968 060	3	294	
707	9.568 038	19	9.599 981	22	0.400 019	9.968 057	3	293	
708	9.568 057	19	9.600 003	22	0.399 997	9.968 054	3	292	
709	9.568 076	19	9.600 025	22	0.399 975	9.968 051	3	291	
.710	9.568 095	19	9.600 047	22	0.399 953	9.968 048	3	.290	
711	9.568 114	19	9.600 069	22	0.399 931	9.968 044	4	289	
712	9.568 133	19	9.600 091	22	0.399 909	9.968 041	3	288	
713	9.568 152	19	9.600 113	22	0.399 887	9.968 038	3	287	
714	9.568 171	19	9.600 136	23	0.399 864	9.968 035	3	286	
715	9.568 190	19	9.600 158	22	0.399 842	9.968 032	3	285	
716	9.568 209	19	9.600 180	22	0.399 820	9.968 029	3	284	
717	9.568 228	19	9.600 202	22	0.399 798	9.968 026	3	283	
718	9.568 247	19	9.600 224	22	0.399 776	9.968 023	3	282	
719	9.568 266	19	9.600 246	22	0.399 754	9.968 020	3	281	
.720	9.568 285	19	9.600 268	22	0.399 732	9.968 017	3	.280	
721	9.568 304	19	9.600 290	22	0.399 710	9.968 014	3	279	
722	9.568 323	19	9.600 312	22	0.399 688	9.968 011	3	278	
723	9.568 342	19	9.600 334	22	0.399 666	9.968 008	3	277	
724	9.568 361	19	9.600 356	22	0.399 644	9.968 005	3	276	
725	9.568 380	19	9.600 378	22	0.399 622	9.968 002	3	275	
726	9.568 399	19	9.600 400	22	0.399 600	9.967 999	3	274	
727	9.568 418	19	9.600 422	22	0.399 578	9.967 996	3	273	
728	9.568 437	19	9.600 444	22	0.399 556	9.967 993	3	272	
729	9.568 456	19	9.600 466	22	0.399 534	9.967 990	3	271	
.730	9.568 475	19	9.600 488	22	0.399 512	9.967 987	3	.270	
731	9.568 494	19	9.600 510	22	0.399 490	9.967 984	3	269	
732	9.568 513	19	9.600 532	22	0.399 468	9.967 981	3	268	
733	9.568 532	19	9.600 554	22	0.399 446	9.967 978	3	267	
734	9.568 551	19	9.600 576	22	0.399 424	9.967 975	3	266	
735	9.568 570	19	9.600 598	22	0.399 402	9.967 972	3	265	
736	9.568 589	19	9.600 620	22	0.399 380	9.967 969	3	264	
737	9.568 608	19	9.600 642	22	0.399 358	9.967 966	3	263	
738	9.568 627	19	9.600 665	23	0.399 335	9.967 963	3	262	
739	9.568 646	19	9.600 687	22	0.399 313	9.967 960	3	261	
.740	9.568 665	19	9.600 709	22	0.399 291	9.967 957	3	.260	
741	9.568 685	20	9.600 731	22	0.399 269	9.967 954	3	259	
742	9.568 704	19	9.600 753	22	0.399 247	9.967 951	3	258	
743	9.568 723	19	9.600 775	22	0.399 225	9.967 948	3	257	
744	9.568 742	19	9.600 797	22	0.399 203	9.967 945	3	256	
745	9.568 761	19	9.600 819	22	0.399 181	9.967 942	3	255	
746	9.568 780	19	9.600 841	22	0.399 159	9.967 939	3	254	
747	9.568 799	19	9.600 863	22	0.399 137	9.967 936	3	253	
748	9.568 818	19	9.600 885	22	0.399 115	9.967 933	3	252	
749	9.568 837	19	9.600 907	22	0.399 093	9.967 930	3	251	
.750	9.568 856	19	9.600 929	22	0.399 071	9.967 927	3	.250	
	cos	d	cotg	d	tang	sin	d	68°	P.P.

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68°.300 — 68°.250

21°.750 — 21°.800

21°	sin	d	tang	d	cotg	cos	d		P.P.
.750	9.568 856	19	9.600 929	22	0.399 071	9.967 927	3	**.250**	
751	9.568 875	19	9.600 951	22	0.399 049	9.967 924	3	249	
752	9.568 894	19	9.600 973	22	0.399 027	9.967 921	3	248	
753	9.568 913	19	9.600 995	22	0.399 005	9.967 918	3	247	
754	9.568 932	19	9.601 017	22	0.398 983	9.967 915	3	246	
755	9.568 951	19	9.601 039	22	0.398 961	9.967 912	3	245	
756	9.568 970	19	9.601 061	22	0.398 939	9.967 909	3	244	
757	9.568 989	19	9.601 083	22	0.398 917	9.967 906	3	243	
758	9.569 007	18	9.601 105	22	0.398 895	9.967 902	4	242	
759	9.569 026	19	9.601 127	22	0.398 873	9.967 899	3	241	
.760	9.569 045	19	9.601 149	22	0.398 851	9.967 896	3	**.240**	
761	9.569 064	19	9.601 171	22	0.398 829	9.967 893	3	239	
762	9.569 083	19	9.601 193	22	0.398 807	9.967 890	3	238	
763	9.569 102	19	9.601 215	22	0.398 785	9.967 887	3	237	
764	9.569 121	19	9.601 237	22	0.398 763	9.967 884	3	236	
765	9.569 140	19	9.601 259	22	0.398 741	9.967 881	3	235	
766	9.569 159	19	9.601 281	22	0.398 719	9.967 878	3	234	
767	9.569 178	19	9.601 303	22	0.398 697	9.967 875	3	233	
768	9.569 197	19	9.601 325	22	0.398 675	9.967 872	3	232	
769	9.569 216	19	9.601 347	22	0.398 653	9.967 869	3	231	
.770	9.569 235	19	9.601 369	22	0.398 631	9.967 866	3	**.230**	
771	9.569 254	19	9.601 391	22	0.398 609	9.967 863	3	229	
772	9.569 273	19	9.601 413	22	0.398 587	9.967 860	3	228	
773	9.569 292	19	9.601 435	22	0.398 565	9.967 857	3	227	
774	9.569 311	19	9.601 457	22	0.398 543	9.967 854	3	226	
775	9.569 330	19	9.601 479	22	0.398 521	9.967 851	3	225	
776	9.569 349	19	9.601 501	22	0.398 499	9.967 848	3	224	
777	9.569 368	19	9.601 523	22	0.398 477	9.967 845	3	223	
778	9.569 387	19	9.601 545	22	0.398 455	9.967 842	3	222	
779	9.569 406	19	9.601 567	22	0.398 433	9.967 839	3	221	
.780	9.569 425	19	9.601 589	22	0.398 411	9.967 836	3	**.220**	
781	9.569 444	19	9.601 611	22	0.398 389	9.967 833	3	219	
782	9.569 463	19	9.601 633	22	0.398 367	9.967 830	3	218	
783	9.569 482	19	9.601 655	22	0.398 345	9.967 827	3	217	
784	9.569 501	19	9.601 677	22	0.398 323	9.967 824	3	216	
785	9.569 520	19	9.601 699	22	0.398 301	9.967 821	3	215	
786	9.569 539	19	9.601 721	22	0.398 279	9.967 818	3	214	
787	9.569 558	19	9.601 743	22	0.398 257	9.967 815	3	213	
788	9.569 577	19	9.601 765	22	0.398 235	9.967 812	3	212	
789	9.569 596	19	9.601 787	22	0.398 213	9.967 809	3	211	
.790	9.569 615	19	9.601 809	22	0.398 191	9.967 806	3	**.210**	
791	9.569 634	19	9.601 831	22	0.398 169	9.967 803	3	209	
792	9.569 653	19	9.601 853	22	0.398 147	9.967 800	3	208	
793	9.569 672	19	9.601 875	22	0.398 125	9.967 796	4	207	
794	9.569 691	19	9.601 897	22	0.398 103	9.967 793	3	206	
795	9.569 710	19	9.601 919	22	0.398 081	9.967 790	3	205	
796	9.569 728	18	9.601 941	22	0.398 059	9.967 787	3	204	
797	9.569 747	19	9.601 963	22	0.398 037	9.967 784	3	203	
798	9.569 766	19	9.601 985	22	0.398 015	9.967 781	3	202	
799	9.569 785	19	9.602 007	22	0.397 993	9.967 778	3	201	
.800	9.569 804	19	9.602 029	22	0.397 971	9.967 775	3	**.200**	
	cos	d	cotg	d	tang	sin	d	68°	P.P.

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9	16.2

68°.250 — 68°.200

21°.800 — 21°.850

21°	sin	d	tang	d	cotg	cos	d		P.P.
.800	9.569 804	19	9.602 029	22	0.397 971	9.967 775	3	.200	
801	9.569 823	19	9.602 051	22	0.397 949	9.967 772	3	199	
802	9.569 842	19	9.602 073	22	0.397 927	9.967 769	3	198	
803	9.569 861	19	9.602 095	22	0.397 905	9.967 766	3	197	
804	9.569 880	19	9.602 117	22	0.397 883	9.967 763	3	196	
805	9.569 899	19	9.602 139	22	0.397 861	9.967 760	3	195	
806	9.569 918	19	9.602 161	22	0.397 839	9.967 757	3	194	
807	9.569 937	19	9.602 183	22	0.397 817	9.967 754	3	193	
808	9.569 956	19	9.602 205	22	0.397 795	9.967 751	3	192	
809	9.569 975	19	9.602 227	22	0.397 773	9.967 748	3	191	
.810	9.569 994	19	9.602 249	22	0.397 751	9.967 745	3	.190	
811	9.570 013	19	9.602 271	22	0.397 729	9.967 742	3	189	
812	9.570 032	19	9.602 293	22	0.397 707	9.967 739	3	188	
813	9.570 051	19	9.602 315	22	0.397 685	9.967 736	3	187	
814	9.570 070	19	9.602 337	22	0.397 663	9.967 733	3	186	
815	9.570 088	18	9.602 359	22	0.397 641	9.967 730	3	185	
816	9.570 107	19	9.602 381	22	0.397 619	9.967 727	3	184	
817	9.570 126	19	9.602 403	22	0.397 597	9.967 724	3	183	
818	9.570 145	19	9.602 425	22	0.397 575	9.967 721	3	182	
819	9.570 164	19	9.602 447	22	0.397 553	9.967 718	3	181	
.820	9.570 183	19	9.602 469	22	0.397 531	9.967 715	3	.180	
821	9.570 202	19	9.602 490	21	0.397 510	9.967 712	3	179	
822	9.570 221	19	9.602 512	22	0.397 488	9.967 709	3	178	
823	9.570 240	19	9.602 534	22	0.397 466	9.967 706	3	177	
824	9.570 259	19	9.602 556	22	0.397 444	9.967 702	4	176	
825	9.570 278	19	9.602 578	22	0.397 422	9.967 699	3	175	
826	9.570 297	19	9.602 600	22	0.397 400	9.967 696	3	174	
827	9.570 316	19	9.602 622	22	0.397 378	9.967 693	3	173	
828	9.570 335	19	9.602 644	22	0.397 356	9.967 690	3	172	
829	9.570 353	18	9.602 666	22	0.397 334	9.967 687	3	171	
.830	9.570 372	19	9.602 688	22	0.397 312	9.967 684	3	.170	
831	9.570 391	19	9.602 710	22	0.397 290	9.967 681	3	169	
832	9.570 410	19	9.602 732	22	0.397 268	9.967 678	3	168	
833	9.570 429	19	9.602 754	22	0.397 246	9.967 675	3	167	
834	9.570 448	19	9.602 776	22	0.397 224	9.967 672	3	166	
835	9.570 467	19	9.602 798	22	0.397 202	9.967 669	3	165	
836	9.570 486	19	9.602 820	22	0.397 180	9.967 666	3	164	
837	9.570 505	19	9.602 842	22	0.397 158	9.967 663	3	163	
838	9.570 524	19	9.602 864	22	0.397 136	9.967 660	3	162	
839	9.570 543	19	9.602 886	22	0.397 114	9.967 657	3	161	
.840	9.570 562	18	9.602 908	22	0.397 092	9.967 654	3	.160	
841	9.570 580	19	9.602 930	22	0.397 070	9.967 651	3	159	
842	9.570 599	19	9.602 952	22	0.397 048	9.967 648	3	158	
843	9.570 618	19	9.602 974	22	0.397 026	9.967 645	3	157	
844	9.570 637	19	9.602 995	21	0.397 005	9.967 642	3	156	
845	9.570 656	19	9.603 017	22	0.396 983	9.967 639	3	155	
846	9.570 675	19	9.603 039	22	0.396 961	9.967 636	3	154	
847	9.570 694	19	9.603 061	22	0.396 939	9.967 633	3	153	
848	9.570 713	19	9.603 083	22	0.396 917	9.967 630	3	152	
849	9.570 732	19	9.603 105	22	0.396 895	9.967 627	3	151	
.850	9.570 751	19	9.603 127	22	0.396 873	9.967 624	3	.150	
	cos	d	cotg	d	tang	sin	d	68°	P.P.

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68°.200 — 68°.150

21°.850 — 21°.900

21°	sin	d	tang	d	cotg	cos	d		P.P.
.850	9.570 751	19	9.603 127	22	0.396 873	9.967 624	4	.150	
851	9.570 770	18	9.603 149	22	0.396 851	9.967 620	3	149	
852	9.570 788	19	9.603 171	22	0.396 829	9.967 617	3	148	
853	9.570 807	19	9.603 193	22	0.396 807	9.967 614	3	147	
854	9.570 826	19	9.603 215	22	0.396 785	9.967 611	3	146	
855	9.570 845	19	9.603 237	22	0.396 763	9.967 608	3	145	
856	9.570 864	19	9.603 259	22	0.396 741	9.967 605	3	144	
857	9.570 883	19	9.603 281	22	0.396 719	9.967 602	3	143	
858	9.570 902	19	9.603 303	22	0.396 697	9.967 599	3	142	
859	9.570 921	19	9.603 325	22	0.396 675	9.967 596	3	141	
.860	9.570 940	19	9.603 347	22	0.396 653	9.967 593	3	.140	
861	9.570 959	19	9.603 368	21	0.396 632	9.967 590	3	139	
862	9.570 977	18	9.603 390	22	0.396 610	9.967 587	3	138	
863	9.570 996	19	9.603 412	22	0.396 588	9.967 584	3	137	
864	9.571 015	19	9.603 434	22	0.396 566	9.967 581	3	136	
865	9.571 034	19	9.603 456	22	0.396 544	9.967 578	3	135	
866	9.571 053	19	9.603 478	22	0.396 522	9.967 575	3	134	
867	9.571 072	19	9.603 500	22	0.396 500	9.967 572	3	133	
868	9.571 091	19	9.603 522	22	0.396 478	9.967 569	3	132	
869	9.571 110	19	9.603 544	22	0.396 456	9.967 566	3	131	
.870	9.571 129	19	9.603 566	22	0.396 434	9.967 563	3	.130	
871	9.571 147	18	9.603 588	22	0.396 412	9.967 560	3	129	
872	9.571 166	19	9.603 610	22	0.396 390	9.967 557	3	128	
873	9.571 185	19	9.603 632	22	0.396 368	9.967 554	3	127	
874	9.571 204	19	9.603 654	22	0.396 346	9.967 551	3	126	
875	9.571 223	19	9.603 675	21	0.396 325	9.967 547	4	125	
876	9.571 242	19	9.603 697	22	0.396 303	9.967 544	3	124	
877	9.571 261	19	9.603 719	22	0.396 281	9.967 541	3	123	
878	9.571 280	19	9.603 741	22	0.396 259	9.967 538	3	122	
879	9.571 298	18	9.603 763	22	0.396 237	9.967 535	3	121	
.880	9.571 317	19	9.603 785	22	0.396 215	9.967 532	3	.120	
881	9.571 336	19	9.603 807	22	0.396 193	9.967 529	3	119	
882	9.571 355	19	9.603 829	22	0.396 171	9.967 526	3	118	
883	9.571 374	19	9.603 851	22	0.396 149	9.967 523	3	117	
884	9.571 393	19	9.603 873	22	0.396 127	9.967 520	3	116	
885	9.571 412	19	9.603 895	22	0.396 105	9.967 517	3	115	
886	9.571 431	19	9.603 917	22	0.396 083	9.967 514	3	114	
887	9.571 449	18	9.603 938	21	0.396 062	9.967 511	3	113	
888	9.571 468	19	9.603 960	22	0.396 040	9.967 508	3	112	
889	9.571 487	19	9.603 982	22	0.396 018	9.967 505	3	111	
.890	9.571 506	19	9.604 004	22	0.395 996	9.967 502	3	.110	
891	9.571 525	19	9.604 026	22	0.395 974	9.967 499	3	109	
892	9.571 544	19	9.604 048	22	0.395 952	9.967 496	3	108	
893	9.571 563	19	9.604 070	22	0.395 930	9.967 493	3	107	
894	9.571 581	18	9.604 092	22	0.395 908	9.967 490	3	106	
895	9.571 600	19	9.604 114	22	0.395 886	9.967 487	3	105	
896	9.571 619	19	9.604 136	22	0.395 864	9.967 484	3	104	
897	9.571 638	19	9.604 158	22	0.395 842	9.967 480	4	103	
898	9.571 657	19	9.604 179	21	0.395 821	9.967 477	3	102	
899	9.571 676	19	9.604 201	22	0.395 799	9.967 474	3	101	
.900	9.571 695	19	9.604 223	22	0.395 777	9.967 471	3	.100	
	cos	d	cotg	d	tang	sin	d	68°	P.P.

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68°.150 — 68°.100

21°.900 — 21°.950

21°	sin	d	tang	d	cotg	cos	d		P.P.
.900	9.571 695	18	9.604 223	22	0.395 777	9.967 471	3	.100	
901	9.571 713	19	9.604 245	22	0.395 755	9.967 468	3	099	
902	9.571 732	19	9.604 267	22	0.395 733	9.967 465	3	098	
903	9.571 751	19	9.604 289	22	0.395 711	9.967 462	3	097	
904	9.571 770	19	9.604 311	22	0.395 689	9.967 459	3	096	
905	9.571 789	19	9.604 333	22	0.395 667	9.967 456	3	095	
906	9.571 808	19	9.604 355	22	0.395 645	9.967 453	3	094	
907	9.571 827	19	9.604 377	22	0.395 623	9.967 450	3	093	
908	9.571 845	18	9.604 398	21	0.395 602	9.967 447	3	092	
909	9.571 864	19	9.604 420	22	0.395 580	9.967 444	3	091	
.910	9.571 883	19	9.604 442	22	0.395 558	9.967 441	3	.090	
911	9.571 902	19	9.604 464	22	0.395 536	9.967 438	3	089	
912	9.571 921	19	9.604 486	22	0.395 514	9.967 435	3	088	
913	9.571 940	19	9.604 508	22	0.395 492	9.967 432	3	087	
914	9.571 958	18	9.604 530	22	0.395 470	9.967 429	3	086	
915	9.571 977	19	9.604 552	22	0.395 448	9.967 426	3	085	
916	9.571 996	19	9.604 574	22	0.395 426	9.967 423	3	084	
917	9.572 015	19	9.604 595	21	0.395 405	9.967 420	3	083	
918	9.572 034	19	9.604 617	22	0.395 383	9.967 416	4	082	
919	9.572 053	19	9.604 639	22	0.395 361	9.967 413	3	081	
.920	9.572 072	19	9.604 661	22	0.395 339	9.967 410	3	.080	
921	9.572 090	18	9.604 683	22	0.395 317	9.967 407	3	079	
922	9.572 109	19	9.604 705	22	0.395 295	9.967 404	3	078	
923	9.572 128	19	9.604 727	22	0.395 273	9.967 401	3	077	
924	9.572 147	19	9.604 749	22	0.395 251	9.967 398	3	076	
925	9.572 166	19	9.604 771	22	0.395 229	9.967 395	3	075	
926	9.572 185	19	9.604 792	21	0.395 208	9.967 392	3	074	
927	9.572 203	18	9.604 814	22	0.395 186	9.967 389	3	073	
928	9.572 222	19	9.604 836	22	0.395 164	9.967 386	3	072	
929	9.572 241	19	9.604 858	22	0.395 142	9.967 383	3	071	
.930	9.572 260	19	9.604 880	22	0.395 120	9.967 380	3	.070	
931	9.572 279	19	9.604 902	22	0.395 098	9.967 377	3	069	
932	9.572 297	18	9.604 924	22	0.395 076	9.967 374	3	068	
933	9.572 316	19	9.604 946	22	0.395 054	9.967 371	3	067	
934	9.572 335	19	9.604 967	21	0.395 033	9.967 368	3	066	
935	9.572 354	19	9.604 989	22	0.395 011	9.967 365	3	065	
936	9.572 373	19	9.605 011	22	0.394 989	9.967 362	3	064	
937	9.572 392	19	9.605 033	22	0.394 967	9.967 358	4	063	
938	9.572 410	18	9.605 055	22	0.394 945	9.967 355	3	062	
939	9.572 429	19	9.605 077	22	0.394 923	9.967 352	3	061	
.940	9.572 448	19	9.605 099	22	0.394 901	9.967 349	3	.060	
941	9.572 467	19	9.605 121	22	0.394 879	9.967 346	3	059	
942	9.572 486	19	9.605 142	21	0.394 858	9.967 343	3	058	
943	9.572 505	19	9.605 164	22	0.394 836	9.967 340	3	057	
944	9.572 523	18	9.605 186	22	0.394 814	9.967 337	3	056	
945	9.572 542	19	9.605 208	22	0.394 792	9.967 334	3	055	
946	9.572 561	19	9.605 230	22	0.394 770	9.967 331	3	054	
947	9.572 580	19	9.605 252	22	0.394 748	9.967 328	3	053	
948	9.572 599	19	9.605 274	22	0.394 726	9.967 325	3	052	
949	9.572 617	18	9.605 296	22	0.394 704	9.967 322	3	051	
.950	9.572 636	19	9.605 317	21	0.394 683	9.967 319	3	.050	
	cos	d	cotg	d	tang	sin	d	68°	P.P.

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68°.100 — 68°.050

21°.950 — 22°.000

21°	sin	d	tang	d	cotg	cos	d		P.P.
.950	9.572 636	19	9.605 317	22	0.394 683	9.967 319	3	.050	
951	9.572 655	19	9.605 339	22	0.394 661	9.967 316	3	049	
952	9.572 674	19	9.605 361	22	0.394 639	9.967 313	3	048	
953	9.572 693	18	9.605 383	22	0.394 617	9.967 310	3	047	
954	9.572 711	19	9.605 405	22	0.394 595	9.967 307	3	046	
955	9.572 730	19	9.605 427	22	0.394 573	9.967 304	4	045	
956	9.572 749	19	9.605 449	21	0.394 551	9.967 300	3	044	
957	9.572 768	19	9.605 470	22	0.394 530	9.967 297	3	043	
958	9.572 787	18	9.605 492	22	0.394 508	9.967 294	3	042	
959	9.572 805	19	9.605 514	22	0.394 486	9.967 291	3	041	
.960	9.572 824	19	9.605 536	22	0.394 464	9.967 288	3	.040	
961	9.572 843	19	9.605 558	22	0.394 442	9.967 285	3	039	
962	9.572 862	19	9.605 580	22	0.394 420	9.967 282	3	038	
963	9.572 881	18	9.605 602	22	0.394 398	9.967 279	3	037	
964	9.572 899	19	9.605 623	21	0.394 377	9.967 276	3	036	
965	9.572 918	19	9.605 645	22	0.394 355	9.967 273	3	035	
966	9.572 937	19	9.605 667	22	0.394 333	9.967 270	3	034	
967	9.572 956	19	9.605 689	22	0.394 311	9.967 267	3	033	
968	9.572 975	18	9.605 711	22	0.394 289	9.967 264	3	032	
969	9.572 993	19	9.605 733	22	0.394 267	9.967 261	3	031	
.970	9.573 012	19	9.605 755	21	0.394 245	9.967 258	3	.030	
971	9.573 031	19	9.605 776	22	0.394 224	9.967 255	3	029	
972	9.573 050	19	9.605 798	22	0.394 202	9.967 252	4	028	
973	9.573 069	18	9.605 820	22	0.394 180	9.967 248	3	027	
974	9.573 087	19	9.605 842	22	0.394 158	9.967 245	3	026	
975	9.573 106	19	9.605 864	22	0.394 136	9.967 242	3	025	
976	9.573 125	19	9.605 886	21	0.394 114	9.967 239	3	024	
977	9.573 144	18	9.605 907	22	0.394 093	9.967 236	3	023	
978	9.573 162	19	9.605 929	22	0.394 071	9.967 233	3	022	
979	9.573 181	19	9.605 951	22	0.394 049	9.967 230	3	021	
.980	9.573 200	19	9.605 973	22	0.394 027	9.967 227	3	.020	
981	9.573 219	19	9.605 995	22	0.394 005	9.967 224	3	019	
982	9.573 238	19	9.606 017	21	0.393 983	9.967 221	3	018	
983	9.573 256	18	9.606 038	22	0.393 962	9.967 218	3	017	
984	9.573 275	19	9.606 060	22	0.393 940	9.967 215	3	016	
985	9.573 294	19	9.606 082	22	0.393 918	9.967 212	3	015	
986	9.573 313	19	9.606 104	22	0.393 896	9.967 209	3	014	
987	9.573 331	18	9.606 126	22	0.393 874	9.967 206	3	013	
988	9.573 350	19	9.606 148	21	0.393 852	9.967 203	3	012	
989	9.573 369	19	9.606 169	22	0.393 831	9.967 200	3	011	
.990	9.573 388	19	9.606 191	22	0.393 809	9.967 196	4	.010	
991	9.573 407	19	9.606 213	22	0.393 787	9.967 193	3	009	
992	9.573 425	18	9.606 235	22	0.393 765	9.967 190	3	008	
993	9.573 444	19	9.606 257	22	0.393 743	9.967 187	3	007	
994	9.573 463	19	9.606 279	22	0.393 721	9.967 184	3	006	
995	9.573 482	19	9.606 300	21	0.393 700	9.967 181	3	005	
996	9.573 500	18	9.606 322	22	0.393 678	9.967 178	3	004	
997	9.573 519	19	9.606 344	22	0.393 656	9.967 175	3	003	
998	9.573 538	19	9.606 366	22	0.393 634	9.967 172	3	002	
999	9.573 557	19	9.606 388	22	0.393 612	9.967 169	3	001	
*.000	9.573 575	18	9.606 410	22	0.393 590	9.967 166	3	.000	
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68°.050 — 68°.000

22°.000 — 22°.050

22°	sin	d	tang	d	cotg	cos	d		P.P.
.000	9.573 575	19	9.606 410	21	0.393 590	9.967 166	3	*000	
001	9.573 594	19	9.606 431	22	0.393 569	9.967 163	3	999	
002	9.573 613	19	9.606 453	22	0.393 547	9.967 160	3	998	
003	9.573 632	18	9.606 475	22	0.393 525	9.967 157	3	997	
004	9.573 650	19	9.606 497	22	0.393 503	9.967 154	3	996	
005	9.573 669	19	9.606 519	21	0.393 481	9.967 151	4	995	
006	9.573 688	19	9.606 540	22	0.393 460	9.967 147	3	994	
007	9.573 707	18	9.606 562	22	0.393 438	9.967 144	3	993	
008	9.573 725	19	9.606 584	22	0.393 416	9.967 141	3	992	
009	9.573 744	19	9.606 606	22	0.393 394	9.967 138	3	991	
.010	9.573 763	19	9.606 628	22	0.393 372	9.967 135	3	.990	
011	9.573 782	18	9.606 650	21	0.393 350	9.967 132	3	989	
012	9.573 800	19	9.606 671	22	0.393 329	9.967 129	3	988	
013	9.573 819	19	9.606 693	22	0.393 307	9.967 126	3	987	
014	9.573 838	19	9.606 715	22	0.393 285	9.967 123	3	986	
015	9.573 857	18	9.606 737	22	0.393 263	9.967 120	3	985	
016	9.573 875	19	9.606 759	21	0.393 241	9.967 117	3	984	
017	9.573 894	19	9.606 780	22	0.393 220	9.967 114	3	983	
018	9.573 913	19	9.606 802	22	0.393 198	9.967 111	3	982	
019	9.573 932	18	9.606 824	22	0.393 176	9.967 108	3	981	
.020	9.573 950	19	9.606 846	22	0.393 154	9.967 105	3	.980	
021	9.573 969	19	9.606 868	21	0.393 132	9.967 102	4	979	
022	9.573 988	19	9.606 889	22	0.393 111	9.967 098	3	978	
023	9.574 007	18	9.606 911	22	0.393 089	9.967 095	3	977	
024	9.574 025	19	9.606 933	22	0.393 067	9.967 092	3	976	
025	9.574 044	19	9.606 955	22	0.393 045	9.967 089	3	975	
026	9.574 063	19	9.606 977	21	0.393 023	9.967 086	3	974	
027	9.574 082	18	9.606 998	22	0.393 002	9.967 083	3	973	
028	9.574 100	19	9.607 020	22	0.392 980	9.967 080	3	972	
029	9.574 119	19	9.607 042	22	0.392 958	9.967 077	3	971	
.030	9.574 138	19	9.607 064	22	0.392 936	9.967 074	3	.970	
031	9.574 157	18	9.607 086	21	0.392 914	9.967 071	3	969	
032	9.574 175	19	9.607 107	22	0.392 893	9.967 068	3	968	
033	9.574 194	19	9.607 129	22	0.392 871	9.967 065	3	967	
034	9.574 213	18	9.607 151	22	0.392 849	9.967 062	3	966	
035	9.574 231	19	9.607 173	22	0.392 827	9.967 059	3	965	
036	9.574 250	19	9.607 195	21	0.392 805	9.967 056	4	964	
037	9.574 269	19	9.607 216	22	0.392 784	9.967 052	3	963	
038	9.574 288	18	9.607 238	22	0.392 762	9.967 049	3	962	
039	9.574 306	19	9.607 260	22	0.392 740	9.967 046	3	961	
.040	9.574 325	19	9.607 282	22	0.392 718	9.967 043	3	.960	
041	9.574 344	19	9.607 304	21	0.392 696	9.967 040	3	959	
042	9.574 363	18	9.607 325	22	0.392 675	9.967 037	3	958	
043	9.574 381	19	9.607 347	22	0.392 653	9.967 034	3	957	
044	9.574 400	19	9.607 369	22	0.392 631	9.967 031	3	956	
045	9.574 419	18	9.607 391	22	0.392 609	9.967 028	3	955	
046	9.574 437	19	9.607 413	21	0.392 587	9.967 025	3	954	
047	9.574 456	19	9.607 434	22	0.392 566	9.967 022	3	953	
048	9.574 475	19	9.607 456	22	0.392 544	9.967 019	3	952	
049	9.574 494	18	9.607 478	22	0.392 522	9.967 016	3	951	
.050	9.574 512		9.607 500		0.392 500	9.967 013		.950	
	cos	d	cotg	d	tang	sin	d	67°	P.P.

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68°.000 — 67°.950

22°.050 — 22°.100

22°	sin	d	tang	d	cotg	cos	d		P.P.
.050	9.574 512	19	9.607 500	22	0.392 500	9.967 013	4	.950	
051	9.574 531	19	9.607 522	21	0.392 478	9.967 009	3	949	
052	9.574 550	18	9.607 543	22	0.392 457	9.967 006	3	948	
053	9.574 568	19	9.607 565	22	0.392 435	9.967 003	3	947	
054	9.574 587	19	9.607 587	22	0.392 413	9.967 000	3	946	
055	9.574 606	19	9.607 609	21	0.392 391	9.966 997	3	945	
056	9.574 625	18	9.607 630	22	0.392 370	9.966 994	3	944	
057	9.574 643	19	9.607 652	22	0.392 348	9.966 991	3	943	
058	9.574 662	19	9.607 674	22	0.392 326	9.966 988	3	942	
059	9.574 681	18	9.607 696	22	0.392 304	9.966 985	3	941	
.060	9.574 699	19	9.607 718	21	0.392 282	9.966 982	3	.940	
061	9.574 718	19	9.607 739	22	0.392 261	9.966 979	3	939	
062	9.574 737	18	9.607 761	22	0.392 239	9.966 976	3	938	
063	9.574 755	19	9.607 783	22	0.392 217	9.966 973	3	937	
064	9.574 774	19	9.607 805	21	0.392 195	9.966 970	4	936	
065	9.574 793	19	9.607 826	22	0.392 174	9.966 966	3	935	
066	9.574 812	18	9.607 848	22	0.392 152	9.966 963	3	934	
067	9.574 830	19	9.607 870	22	0.392 130	9.966 960	3	933	
068	9.574 849	19	9.607 892	21	0.392 108	9.966 957	3	932	
069	9.574 868	18	9.607 913	22	0.392 087	9.966 954	3	931	
.070	9.574 886	19	9.607 935	22	0.392 065	9.966 951	3	.930	
071	9.574 905	19	9.607 957	22	0.392 043	9.966 948	3	929	
072	9.574 924	18	9.607 979	22	0.392 021	9.966 945	3	928	
073	9.574 942	19	9.608 001	21	0.391 999	9.966 942	3	927	
074	9.574 961	19	9.608 022	22	0.391 978	9.966 939	3	926	
075	9.574 980	19	9.608 044	22	0.391 956	9.966 936	3	925	
076	9.574 999	18	9.608 066	22	0.391 934	9.966 933	3	924	
077	9.575 017	19	9.608 088	21	0.391 912	9.966 930	3	923	
078	9.575 036	19	9.608 109	22	0.391 891	9.966 927	4	922	
079	9.575 055	18	9.608 131	22	0.391 869	9.966 923	3	921	
.080	9.575 073	19	9.608 153	22	0.391 847	9.966 920	3	.920	
081	9.575 092	19	9.608 175	21	0.391 825	9.966 917	3	919	
082	9.575 111	18	9.608 196	22	0.391 804	9.966 914	3	918	
083	9.575 129	19	9.608 218	22	0.391 782	9.966 911	3	917	
084	9.575 148	19	9.608 240	22	0.391 760	9.966 908	3	916	
085	9.575 167	18	9.608 262	21	0.391 738	9.966 905	3	915	
086	9.575 185	19	9.608 283	22	0.391 717	9.966 902	3	914	
087	9.575 204	19	9.608 305	22	0.391 695	9.966 899	3	913	
088	9.575 223	18	9.608 327	22	0.391 673	9.966 896	3	912	
089	9.575 241	19	9.608 349	21	0.391 651	9.966 893	3	911	
.090	9.575 260	19	9.608 370	22	0.391 630	9.966 890	3	.910	
091	9.575 279	18	9.608 392	22	0.391 608	9.966 887	4	909	
092	9.575 297	19	9.608 414	22	0.391 586	9.966 883	3	908	
093	9.575 316	19	9.608 436	21	0.391 564	9.966 880	3	907	
094	9.575 335	18	9.608 457	22	0.391 543	9.966 877	3	906	
095	9.575 353	19	9.608 479	22	0.391 521	9.966 874	3	905	
096	9.575 372	19	9.608 501	22	0.391 499	9.966 871	3	904	
097	9.575 391	18	9.608 523	21	0.391 477	9.966 868	3	903	
098	9.575 409	19	9.608 544	22	0.391 456	9.966 865	3	902	
099	9.575 428	19	9.608 566	22	0.391 434	9.966 862	3	901	
.100	9.575 447		9.608 588		0.391 412	9.966 859		.900	
	cos	d	cotg	d	tang	sin	d	67°	P.P.

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67°.950 — 67°.900

22°.100 — 22°.150

22°	sin	d	tang	d	cotg	cos	d		P.P.
.100	9.575 447	18	9.608 588	22	0.391 412	9.966 859	3	.900	
101	9.575 465	19	9.608 610	21	0.391 390	9.966 856	3	899	
102	9.575 484	19	9.608 631	22	0.391 369	9.966 853	3	898	
103	9.575 503	18	9.608 653	22	0.391 347	9.966 850	3	897	
104	9.575 521	19	9.608 675	22	0.391 325	9.966 847	4	896	
105	9.575 540	19	9.608 697	21	0.391 303	9.966 843	3	895	
106	9.575 559	18	9.608 718	22	0.391 282	9.966 840	3	894	
107	9.575 577	19	9.608 740	22	0.391 260	9.966 837	3	893	
108	9.575 596	19	9.608 762	22	0.391 238	9.966 834	3	892	
109	9.575 615	18	9.608 784	21	0.391 216	9.966 831	3	891	
.110	9.575 633	19	9.608 805	22	0.391 195	9.966 828	3	.890	
111	9.575 652	19	9.608 827	22	0.391 173	9.966 825	3	889	
112	9.575 671	18	9.608 849	22	0.391 151	9.966 822	3	888	
113	9.575 689	19	9.608 871	21	0.391 129	9.966 819	3	887	
114	9.575 708	19	9.608 892	22	0.391 108	9.966 816	3	886	
115	9.575 727	18	9.608 914	22	0.391 086	9.966 813	3	885	
116	9.575 745	19	9.608 936	22	0.391 064	9.966 810	4	884	
117	9.575 764	19	9.608 958	21	0.391 042	9.966 806	3	883	
118	9.575 783	18	9.608 979	22	0.391 021	9.966 803	3	882	
119	9.575 801	19	9.609 001	22	0.390 999	9.966 800	3	881	
.120	9.575 820	19	9.609 023	21	0.390 977	9.966 797	3	.880	
121	9.575 839	18	9.609 044	22	0.390 956	9.966 794	3	879	
122	9.575 857	19	9.609 066	22	0.390 934	9.966 791	3	878	
123	9.575 876	19	9.609 088	22	0.390 912	9.966 788	3	877	
124	9.575 895	18	9.609 110	21	0.390 890	9.966 785	3	876	
125	9.575 913	19	9.609 131	22	0.390 869	9.966 782	3	875	
126	9.575 932	18	9.609 153	22	0.390 847	9.966 779	3	874	
127	9.575 950	19	9.609 175	22	0.390 825	9.966 776	3	873	
128	9.575 969	19	9.609 197	21	0.390 803	9.966 773	3	872	
129	9.575 988	18	9.609 218	22	0.390 782	9.966 770	3	871	
.130	9.576 006	19	9.609 240	22	0.390 760	9.966 766	4	.870	
131	9.576 025	19	9.609 262	21	0.390 738	9.966 763	3	869	
132	9.576 044	18	9.609 283	22	0.390 717	9.966 760	3	868	
133	9.576 062	19	9.609 305	22	0.390 695	9.966 757	3	867	
134	9.576 081	19	9.609 327	22	0.390 673	9.966 754	3	866	
135	9.576 100	18	9.609 349	21	0.390 651	9.966 751	3	865	
136	9.576 118	19	9.609 370	22	0.390 630	9.966 748	3	864	
137	9.576 137	18	9.609 392	22	0.390 608	9.966 745	3	863	
138	9.576 155	19	9.609 414	21	0.390 586	9.966 742	3	862	
139	9.576 174	19	9.609 435	22	0.390 565	9.966 739	3	861	
.140	9.576 193	18	9.609 457	22	0.390 543	9.966 736	3	.860	
141	9.576 211	19	9.609 479	22	0.390 521	9.966 733	4	859	
142	9.576 230	19	9.609 501	21	0.390 499	9.966 729	3	858	
143	9.576 249	18	9.609 522	22	0.390 478	9.966 726	3	857	
144	9.576 267	19	9.609 544	22	0.390 456	9.966 723	3	856	
145	9.576 286	18	9.609 566	21	0.390 434	9.966 720	3	855	
146	9.576 304	19	9.609 587	22	0.390 413	9.966 717	3	854	
147	9.576 323	19	9.609 609	22	0.390 391	9.966 714	3	853	
148	9.576 342	18	9.609 631	22	0.390 369	9.966 711	3	852	
149	9.576 360	19	9.609 653	21	0.390 347	9.966 708	3	851	
.150	9.576 379		9.609 674		0.390 326	9.966 705		.850	
	cos	d	cotg	d	tang	sin	d	67°	P.P.

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67°.900 — 67°.850

22°.150 — 22°.200

22°	sin	d	tang	d	cotg	cos	d		P.P.
.150	9.576 379		9.609 674		0.390 326	9.966 705		.850	
		19		22			3		
151	9.576 398		9.609 696		0.390 304	9.966 702		849	
		18		22			3		
152	9.576 416		9.609 718		0.390 282	9.966 699		848	
		19		21			3		
153	9.576 435		9.609 739		0.390 261	9.966 696		847	
		18		22			4		
154	9.576 453		9.609 761		0.390 239	9.966 692		846	
		19		22			3		
155	9.576 472		9.609 783		0.390 217	9.966 689		845	
		19		21			3		
156	9.576 491		9.609 804		0.390 196	9.966 686		844	
		18		22			3		
157	9.576 509		9.609 826		0.390 174	9.966 683		843	
		19		22			3		
158	9.576 528		9.609 848		0.390 152	9.966 680		842	
		19		22			3		
159	9.576 547		9.609 870		0.390 130	9.966 677		841	
		18		21			3		
.160	9.576 565		9.609 891		0.390 109	9.966 674		.840	
		19		22			3		
161	9.576 584		9.609 913		0.390 087	9.966 671		839	
		18		22			3		
162	9.576 602		9.609 935		0.390 065	9.966 668		838	
		19		21			3		
163	9.576 621		9.609 956		0.390 044	9.966 665		837	
		19		22			3		
164	9.576 640		9.609 978		0.390 022	9.966 662		836	
		18		22			4		
165	9.576 658		9.610 000		0.390 000	9.966 658		835	
		19		21			3		
166	9.576 677		9.610 021		0.389 979	9.966 655		834	
		18		22			3		
167	9.576 695		9.610 043		0.389 957	9.966 652		833	
		19		22			3		
168	9.576 714		9.610 065		0.389 935	9.966 649		832	
		19		21			3		
169	9.576 733		9.610 086		0.389 914	9.966 646		831	
		18		22			3		
.170	9.576 751		9.610 108		0.389 892	9.966 643		.830	
		19		22			3		
171	9.576 770		9.610 130		0.389 870	9.966 640		829	
		18		22			3		
172	9.576 788		9.610 152		0.389 848	9.966 637		828	
		19		21			3		
173	9.576 807		9.610 173		0.389 827	9.966 634		827	
		19		22			3		
174	9.576 826		9.610 195		0.389 805	9.966 631		826	
		18		22			3		
175	9.576 844		9.610 217		0.389 783	9.966 628		825	
		19		21			4		
176	9.576 863		9.610 238		0.389 762	9.966 624		824	
		18		22			3		
177	9.576 881		9.610 260		0.389 740	9.966 621		823	
		19		22			3		
178	9.576 900		9.610 282		0.389 718	9.966 618		822	
		19		21			3		
179	9.576 919		9.610 303		0.389 697	9.966 615		821	
		18		22			3		
.180	9.576 937		9.610 325		0.389 675	9.966 612		.820	
		19		22			3		
181	9.576 956		9.610 347		0.389 653	9.966 609		819	
		18		21			3		
182	9.576 974		9.610 368		0.389 632	9.966 606		818	
		19		22			3		
183	9.576 993		9.610 390		0.389 610	9.966 603		817	
		19		22			3		
184	9.577 012		9.610 412		0.389 588	9.966 600		816	
		18		21			3		
185	9.577 030		9.610 433		0.389 567	9.966 597		815	
		19		22			3		
186	9.577 049		9.610 455		0.389 545	9.966 594		814	
		18		22			4		
187	9.577 067		9.610 477		0.389 523	9.966 590		813	
		19		21			3		
188	9.577 086		9.610 498		0.389 502	9.966 587		812	
		18		22			3		
189	9.577 104		9.610 520		0.389 480	9.966 584		811	
		19		22			3		
.190	9.577 123		9.610 542		0.389 458	9.966 581		.810	
		19		22			3		
191	9.577 142		9.610 564		0.389 436	9.966 578		809	
		18		21			3		
192	9.577 160		9.610 585		0.389 415	9.966 575		808	
		19		22			3		
193	9.577 179		9.610 607		0.389 393	9.966 572		807	
		18		22			3		
194	9.577 197		9.610 629		0.389 371	9.966 569		806	
		19		21			3		
195	9.577 216		9.610 650		0.389 350	9.966 566		805	
		19		22			3		
196	9.577 235		9.610 672		0.389 328	9.966 563		804	
		18		22			3		
197	9.577 253		9.610 694		0.389 306	9.966 560		803	
		19		21			4		
198	9.577 272		9.610 715		0.389 285	9.966 556		802	
		18		22			3		
199	9.577 290		9.610 737		0.389 263	9.966 553		801	
		19		22			3		
.200	9.577 309		9.610 759		0.389 241	9.966 550		.800	
	cos	d	cotg	d	tang	sin	d	67°	P.P.

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67°.850 — 67°.800

22°.200 — 22°.250

22°	sin	d	tang	d	cotg	cos	d		P.P.
.200	9.577 309	18	9.610 759	21	0.389 241	9.966 550	3	.800	
201	9.577 327	19	9.610 780	22	0.389 220	9.966 547	3	799	
202	9.577 346	19	9.610 802	22	0.389 198	9.966 544	3	798	
203	9.577 365	18	9.610 824	21	0.389 176	9.966 541	3	797	
204	9.577 383	19	9.610 845	22	0.389 155	9.966 538	3	796	
205	9.577 402	18	9.610 867	22	0.389 133	9.966 535	3	795	
206	9.577 420	19	9.610 889	21	0.389 111	9.966 532	3	794	
207	9.577 439	18	9.610 910	22	0.389 090	9.966 529	3	793	
208	9.577 457	19	9.610 932	22	0.389 068	9.966 526	3	792	
209	9.577 476	19	9.610 954	21	0.389 046	9.966 522	4	791	
.210	9.577 495	18	9.610 975	22	0.389 025	9.966 519	3	.790	
211	9.577 513	19	9.610 997	22	0.389 003	9.966 516	3	789	
212	9.577 532	18	9.611 019	21	0.388 981	9.966 513	3	788	
213	9.577 550	19	9.611 040	22	0.388 960	9.966 510	3	787	
214	9.577 569	18	9.611 062	21	0.388 938	9.966 507	3	786	
215	9.577 587	19	9.611 083	22	0.388 917	9.966 504	3	785	
216	9.577 606	18	9.611 105	22	0.388 895	9.966 501	3	784	
217	9.577 624	19	9.611 127	21	0.388 873	9.966 498	3	783	
218	9.577 643	19	9.611 148	22	0.388 852	9.966 495	3	782	
219	9.577 662	18	9.611 170	22	0.388 830	9.966 491	4	781	
.220	9.577 680	19	9.611 192	21	0.388 808	9.966 488	3	.780	
221	9.577 699	18	9.611 213	22	0.388 787	9.966 485	3	779	
222	9.577 717	19	9.611 235	22	0.388 765	9.966 482	3	778	
223	9.577 736	18	9.611 257	21	0.388 743	9.966 479	3	777	
224	9.577 754	19	9.611 278	22	0.388 722	9.966 476	3	776	
225	9.577 773	18	9.611 300	22	0.388 700	9.966 473	3	775	
226	9.577 791	19	9.611 322	21	0.388 678	9.966 470	3	774	
227	9.577 810	19	9.611 343	22	0.388 657	9.966 467	3	773	
228	9.577 829	18	9.611 365	22	0.388 635	9.966 464	3	772	
229	9.577 847	19	9.611 387	21	0.388 613	9.966 461	3	771	
.230	9.577 866	18	9.611 408	22	0.388 592	9.966 457	4	.770	
231	9.577 884	19	9.611 430	22	0.388 570	9.966 454	3	769	
232	9.577 903	18	9.611 452	21	0.388 548	9.966 451	3	768	
233	9.577 921	19	9.611 473	22	0.388 527	9.966 448	3	767	
234	9.577 940	18	9.611 495	21	0.388 505	9.966 445	3	766	
235	9.577 958	19	9.611 516	22	0.388 484	9.966 442	3	765	
236	9.577 977	18	9.611 538	22	0.388 462	9.966 439	3	764	
237	9.577 995	19	9.611 560	21	0.388 440	9.966 436	3	763	
238	9.578 014	19	9.611 581	22	0.388 419	9.966 433	3	762	
239	9.578 033	18	9.611 603	22	0.388 397	9.966 430	3	761	
.240	9.578 051	19	9.611 625	21	0.388 375	9.966 426	4	.760	
241	9.578 070	18	9.611 646	22	0.388 354	9.966 423	3	759	
242	9.578 088	19	9.611 668	22	0.388 332	9.966 420	3	758	
243	9.578 107	18	9.611 690	21	0.388 310	9.966 417	3	757	
244	9.578 125	19	9.611 711	22	0.388 289	9.966 414	3	756	
245	9.578 144	18	9.611 733	21	0.388 267	9.966 411	3	755	
246	9.578 162	19	9.611 754	22	0.388 246	9.966 408	3	754	
247	9.578 181	18	9.611 776	22	0.388 224	9.966 405	3	753	
248	9.578 199	19	9.611 798	21	0.388 202	9.966 402	3	752	
249	9.578 218	18	9.611 819	22	0.388 181	9.966 399	3	751	
.250	9.578 236		9.611 841		0.388 159	9.966 395	4	.750	
	cos	d	cotg	d	tang	sin	d	67°	P.P.

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67°.800 — 67°.750

22°.250 — 22°.300

22°	sin	d	tang	d	cotg	cos	d		P.P.
.250	9.578 236	19	9.611 841	22	0.388 159	9.966 395	3	.750	
251	9.578 255	18	9.611 863	21	0.388 137	9.966 392	3	749	
252	9.578 273	19	9.611 884	22	0.388 116	9.966 389	3	748	
253	9.578 292	18	9.611 906	21	0.388 094	9.966 386	3	747	
254	9.578 310	19	9.611 927	22	0.388 073	9.966 383	3	746	22
255	9.578 329	19	9.611 949	22	0.388 051	9.966 380	3	745	1 2.2
256	9.578 348	18	9.611 971	21	0.388 029	9.966 377	3	744	2 4.4
257	9.578 366	19	9.611 992	22	0.388 008	9.966 374	3	743	3 6.6
258	9.578 385	18	9.612 014	22	0.387 986	9.966 371	3	742	4 8.8
259	9.578 403	19	9.612 036	21	0.387 964	9.966 368	3	741	5 11.0
.260	9.578 422	18	9.612 057	22	0.387 943	9.966 364	4	.740	6 13.2
261	9.578 440	19	9.612 079	21	0.387 921	9.966 361	3	739	7 15.4
262	9.578 459	18	9.612 100	22	0.387 900	9.966 358	3	738	8 17.6
263	9.578 477	19	9.612 122	22	0.387 878	9.966 355	3	737	9 19.8
264	9.578 496	18	9.612 144	21	0.387 856	9.966 352	3	736	
265	9.578 514	19	9.612 165	22	0.387 835	9.966 349	3	735	21
266	9.578 533	18	9.612 187	22	0.387 813	9.966 346	3	734	1 2.1
267	9.578 551	19	9.612 209	21	0.387 791	9.966 343	3	733	2 4.2
268	9.578 570	18	9.612 230	22	0.387 770	9.966 340	4	732	3 6.3
269	9.578 588	19	9.612 252	21	0.387 748	9.966 336	3	731	4 8.4
.270	9.578 607	18	9.612 273	22	0.387 727	9.966 333	3	.730	5 10.5
271	9.578 625	19	9.612 295	22	0.387 705	9.966 330	3	729	6 12.6
272	9.578 644	18	9.612 317	21	0.387 683	9.966 327	3	728	7 14.7
273	9.578 662	19	9.612 338	22	0.387 662	9.966 324	3	727	8 16.8
274	9.578 681	18	9.612 360	21	0.387 640	9.966 321	3	726	9 18.9
275	9.578 699	19	9.612 381	22	0.387 619	9.966 318	3	725	
276	9.578 718	18	9.612 403	22	0.387 597	9.966 315	3	724	
277	9.578 736	19	9.612 425	21	0.387 575	9.966 312	3	723	19
278	9.578 755	18	9.612 446	22	0.387 554	9.966 309	4	722	1 1.9
279	9.578 773	19	9.612 468	21	0.387 532	9.966 305	3	721	2 3.8
.280	9.578 792	18	9.612 489	22	0.387 511	9.966 302	3	.720	3 5.7
281	9.578 810	19	9.612 511	22	0.387 489	9.966 299	3	719	4 7.6
282	9.578 829	18	9.612 533	21	0.387 467	9.966 296	3	718	5 9.5
283	9.578 847	19	9.612 554	22	0.387 446	9.966 293	3	717	6 11.4
284	9.578 866	18	9.612 576	21	0.387 424	9.966 290	3	716	7 13.3
285	9.578 884	19	9.612 597	22	0.387 403	9.966 287	3	715	8 15.2
286	9.578 903	18	9.612 619	22	0.387 381	9.966 284	3	714	9 17.1
287	9.578 921	19	9.612 641	21	0.387 359	9.966 281	4	713	
288	9.578 940	18	9.612 662	22	0.387 338	9.966 277	3	712	
289	9.578 958	19	9.612 684	21	0.387 316	9.966 274	3	711	18
.290	9.578 977	18	9.612 705	22	0.387 295	9.966 271	3	.710	1 1.8
291	9.578 995	19	9.612 727	22	0.387 273	9.966 268	3	709	2 3.6
292	9.579 014	18	9.612 749	21	0.387 251	9.966 265	3	708	3 5.4
293	9.579 032	19	9.612 770	22	0.387 230	9.966 262	3	707	4 7.2
294	9.579 051	18	9.612 792	21	0.387 208	9.966 259	3	706	5 9.0
295	9.579 069	19	9.612 813	22	0.387 187	9.966 256	3	705	6 10.8
296	9.579 088	18	9.612 835	22	0.387 165	9.966 253	3	704	7 12.6
297	9.579 106	19	9.612 857	21	0.387 143	9.966 250	4	703	8 14.4
298	9.579 125	18	9.612 878	22	0.387 122	9.966 246	3	702	9 16.2
299	9.579 143	19	9.612 900	21	0.387 100	9.966 243	3	701	
.300	9.579 162		9.612 921		0.387 079	9.966 240		.700	
	cos	d	cotg	d	tang	sin	d	67°	P.P.

67°.750 — 67°.700

22°.300 — 22°.350

22°	sin	d	tang	d	cotg	cos	d		P.P.
.300	9.579 162	18	9.612 921	22	0.387 079	9.966 240	3	.700	
301	9.579 180	19	9.612 943	22	0.387 057	9.966 237	3	699	
302	9.579 199	18	9.612 965	21	0.387 035	9.966 234	3	698	
303	9.579 217	19	9.612 986	22	0.387 014	9.966 231	3	697	
304	9.579 236	18	9.613 008	21	0.386 992	9.966 228	3	696	22
305	9.579 254	18	9.613 029	22	0.386 971	9.966 225	3	695	1 2.2
306	9.579 272	19	9.613 051	22	0.386 949	9.966 222	3	694	2 4.4
307	9.579 291	18	9.613 073	21	0.386 927	9.966 218	4	693	3 6.6
308	9.579 309	19	9.613 094	22	0.386 906	9.966 215	3	692	4 8.8
309	9.579 328	18	9.613 116	21	0.386 884	9.966 212	3	691	5 11.0
.310	9.579 346	19	9.613 137	22	0.386 863	9.966 209	3	.690	6 13.2
311	9.579 365	18	9.613 159	21	0.386 841	9.966 206	3	689	7 15.4
312	9.579 383	19	9.613 180	22	0.386 820	9.966 203	3	688	8 17.6
313	9.579 402	18	9.613 202	22	0.386 798	9.966 200	3	687	9 19.8
314	9.579 420	19	9.613 224	21	0.386 776	9.966 197	3	686	
315	9.579 439	18	9.613 245	22	0.386 755	9.966 194	3	685	21
316	9.579 457	19	9.613 267	21	0.386 733	9.966 190	4	684	1 2.1
317	9.579 476	18	9.613 288	22	0.386 712	9.966 187	3	683	2 4.2
318	9.579 494	19	9.613 310	21	0.386 690	9.966 184	3	682	3 6.3
319	9.579 513	18	9.613 331	22	0.386 669	9.966 181	3	681	4 8.4
.320	9.579 531	19	9.613 353	22	0.386 647	9.966 178	3	.680	5 10.5
321	9.579 550	18	9.613 375	21	0.386 625	9.966 175	3	679	6 12.6
322	9.579 568	18	9.613 396	22	0.386 604	9.966 172	3	678	7 14.7
323	9.579 586	19	9.613 418	21	0.386 582	9.966 169	3	677	8 16.8
324	9.579 605	18	9.613 439	22	0.386 561	9.966 166	3	676	9 18.9
325	9.579 623	19	9.613 461	22	0.386 539	9.966 162	4	675	
326	9.579 642	18	9.613 483	21	0.386 517	9.966 159	3	674	
327	9.579 660	19	9.613 504	22	0.386 496	9.966 156	3	673	19
328	9.579 679	18	9.613 526	21	0.386 474	9.966 153	3	672	1 1.9
329	9.579 697	19	9.613 547	22	0.386 453	9.966 150	3	671	2 3.8
.330	9.579 716	18	9.613 569	21	0.386 431	9.966 147	3	.670	3 5.7
331	9.579 734	19	9.613 590	22	0.386 410	9.966 144	3	669	4 7.6
332	9.579 753	18	9.613 612	21	0.386 388	9.966 141	3	668	5 9.5
333	9.579 771	18	9.613 633	22	0.386 367	9.966 138	4	667	6 11.4
334	9.579 789	19	9.613 655	22	0.386 345	9.966 134	3	666	7 13.3
335	9.579 808	18	9.613 677	21	0.386 323	9.966 131	3	665	8 15.2
336	9.579 826	19	9.613 698	22	0.386 302	9.966 128	3	664	9 17.1
337	9.579 845	18	9.613 720	21	0.386 280	9.966 125	3	663	
338	9.579 863	19	9.613 741	22	0.386 259	9.966 122	3	662	
339	9.579 882	18	9.613 763	21	0.386 237	9.966 119	3	661	18
.340	9.579 900	19	9.613 784	22	0.386 216	9.966 116	3	.660	1 1.8
341	9.579 919	18	9.613 806	22	0.386 194	9.966 113	3	659	2 3.6
342	9.579 937	18	9.613 828	21	0.386 172	9.966 109	4	658	3 5.4
343	9.579 955	19	9.613 849	22	0.386 151	9.966 106	3	657	4 7.2
344	9.579 974	18	9.613 871	21	0.386 129	9.966 103	3	656	5 9.0
345	9.579 992	19	9.613 892	22	0.386 108	9.966 100	3	655	6 10.8
346	9.580 011	18	9.613 914	21	0.386 086	9.966 097	3	654	7 12.6
347	9.580 029	19	9.613 935	22	0.386 065	9.966 094	3	653	8 14.4
348	9.580 048	18	9.613 957	21	0.386 043	9.966 091	3	652	9 16.2
349	9.580 066	19	9.613 978	22	0.386 022	9.966 088	3	651	
.350	9.580 085		9.614 000		0.386 000	9.966 085		.650	
	cos	d	cotg	d	tang	sin	d	67°	P.P.

67°.700 — 67°.650

22°.350 — 22°.400

22°	sin	d	tang	d	cotg	cos	d		P.P.
.350	9.580 085	18	9.614 000	22	0.386 000	9.966 085	4	.650	
351	9.580 103	18	9.614 022	21	0.385 978	9.966 081	3	649	
352	9.580 121	19	9.614 043	22	0.385 957	9.966 078	3	648	
353	9.580 140	18	9.614 065	21	0.385 935	9.966 075	3	647	
354	9.580 158	19	9.614 086	22	0.385 914	9.966 072	3	646	
355	9.580 177	18	9.614 108	21	0.385 892	9.966 069	3	645	
356	9.580 195	19	9.614 129	22	0.385 871	9.966 066	3	644	
357	9.580 214	18	9.614 151	21	0.385 849	9.966 063	3	643	
358	9.580 232	18	9.614 172	22	0.385 828	9.966 060	3	642	
359	9.580 250	19	9.614 194	21	0.385 806	9.966 057	3	641	
.360	9.580 269	18	9.614 215	22	0.385 785	9.966 053	4	.640	
361	9.580 287	19	9.614 237	22	0.385 763	9.966 050	3	639	
362	9.580 306	18	9.614 259	21	0.385 741	9.966 047	3	638	
363	9.580 324	19	9.614 280	22	0.385 720	9.966 044	3	637	
364	9.580 343	18	9.614 302	21	0.385 698	9.966 041	3	636	
365	9.580 361	18	9.614 323	22	0.385 677	9.966 038	3	635	
366	9.580 379	19	9.614 345	21	0.385 655	9.966 035	3	634	
367	9.580 398	18	9.614 366	22	0.385 634	9.966 032	4	633	
368	9.580 416	19	9.614 388	21	0.385 612	9.966 028	3	632	
369	9.580 435	18	9.614 409	22	0.385 591	9.966 025	3	631	
.370	9.580 453	18	9.614 431	21	0.385 569	9.966 022	3	.630	
371	9.580 471	19	9.614 452	22	0.385 548	9.966 019	3	629	
372	9.580 490	18	9.614 474	21	0.385 526	9.966 016	3	628	
373	9.580 508	19	9.614 495	22	0.385 505	9.966 013	3	627	
374	9.580 527	18	9.614 517	22	0.385 483	9.966 010	3	626	
375	9.580 545	19	9.614 539	21	0.385 461	9.966 007	3	625	
376	9.580 564	18	9.614 560	22	0.385 440	9.966 003	4	624	
377	9.580 582	18	9.614 582	21	0.385 418	9.966 000	3	623	
378	9.580 600	19	9.614 603	22	0.385 397	9.965 997	3	622	
379	9.580 619	18	9.614 625	21	0.385 375	9.965 994	3	621	
.380	9.580 637	19	9.614 646	22	0.385 354	9.965 991	3	.620	
381	9.580 656	18	9.614 668	21	0.385 332	9.965 988	3	619	
382	9.580 674	18	9.614 689	22	0.385 311	9.965 985	3	618	
383	9.580 692	19	9.614 711	21	0.385 289	9.965 982	3	617	
384	9.580 711	18	9.614 732	22	0.385 268	9.965 979	3	616	
385	9.580 729	19	9.614 754	21	0.385 246	9.965 975	4	615	
386	9.580 748	18	9.614 775	22	0.385 225	9.965 972	3	614	
387	9.580 766	18	9.614 797	21	0.385 203	9.965 969	3	613	
388	9.580 784	19	9.614 818	22	0.385 182	9.965 966	3	612	
389	9.580 803	18	9.614 840	21	0.385 160	9.965 963	3	611	
.390	9.580 821	19	9.614 861	22	0.385 139	9.965 960	3	.610	
391	9.580 840	18	9.614 883	22	0.385 117	9.965 957	3	609	
392	9.580 858	18	9.614 905	21	0.385 095	9.965 954	3	608	
393	9.580 876	19	9.614 926	22	0.385 074	9.965 950	4	607	
394	9.580 895	18	9.614 948	21	0.385 052	9.965 947	3	606	
395	9.580 913	19	9.614 969	22	0.385 031	9.965 944	3	605	
396	9.580 932	18	9.614 991	21	0.385 009	9.965 941	3	604	
397	9.580 950	18	9.615 012	22	0.384 988	9.965 938	3	603	
398	9.580 968	19	9.615 034	21	0.384 966	9.965 935	3	602	
399	9.580 987	18	9.615 055	22	0.384 945	9.965 932	3	601	
.400	9.581 005		9.615 077		0.384 923	9.965 929		.600	
	cos	d	cotg	d	tang	sin	d	67°	P.P.

	22
1	2.2
2	4.4
3	6.6
4	8.8
5	11.0
6	13.2
7	15.4
8	17.6
9	19.8

	21
1	2.1
2	4.2
3	6.3
4	8.4
5	10.5
6	12.6
7	14.7
8	16.8
9	18.9

	19
1	1.9
2	3.8
3	5.7
4	7.6
5	9.5
6	11.4
7	13.3
8	15.2
9	17.1

	18
1	1.8
2	3.6
3	5.4
4	7.2
5	9.0
6	10.8
7	12.6
8	14.4
9	16.2

67°.650 — 67°.600

22°.400 — 22°.450

22°	sin	d	tang	d	cotg	cos	d		P.P.
.400	9.581 005	19	9.615 077	21	0.384 923	9.965 929	4	.600	
401	9.581 024	18	9.615 098	22	0.384 902	9.965 925	3	599	
402	9.581 042	18	9.615 120	21	0.384 880	9.965 922	3	598	
403	9.581 060	19	9.615 141	22	0.384 859	9.965 919	3	597	
404	9.581 079	18	9.615 163	21	0.384 837	9.965 916	3	596	
405	9.581 097	19	9.615 184	22	0.384 816	9.965 913	3	595	
406	9.581 116	18	9.615 206	21	0.384 794	9.965 910	3	594	
407	9.581 134	18	9.615 227	22	0.384 773	9.965 907	3	593	
408	9.581 152	19	9.615 249	21	0.384 751	9.965 904	4	592	
409	9.581 171	18	9.615 270	22	0.384 730	9.965 900	3	591	
.410	9.581 189	18	9.615 292	21	0.384 708	9.965 897	3	.590	
411	9.581 207	19	9.615 313	22	0.384 687	9.965 894	3	589	
412	9.581 226	18	9.615 335	21	0.384 665	9.965 891	3	588	
413	9.581 244	19	9.615 356	22	0.384 644	9.965 888	3	587	
414	9.581 263	18	9.615 378	21	0.384 622	9.965 885	3	586	
415	9.581 281	18	9.615 399	22	0.384 601	9.965 882	3	585	
416	9.581 299	19	9.615 421	21	0.384 579	9.965 879	4	584	
417	9.581 318	18	9.615 442	22	0.384 558	9.965 875	3	583	
418	9.581 336	18	9.615 464	21	0.384 536	9.965 872	3	582	
419	9.581 354	19	9.615 485	22	0.384 515	9.965 869	3	581	
.420	9.581 373	18	9.615 507	21	0.384 493	9.965 866	3	.580	
421	9.581 391	19	9.615 528	22	0.384 472	9.965 863	3	579	
422	9.581 410	18	9.615 550	21	0.384 450	9.965 860	3	578	
423	9.581 428	18	9.615 571	22	0.384 429	9.965 857	3	577	
424	9.581 446	19	9.615 593	21	0.384 407	9.965 854	4	576	
425	9.581 465	18	9.615 614	22	0.384 386	9.965 850	3	575	
426	9.581 483	18	9.615 636	21	0.384 364	9.965 847	3	574	
427	9.581 501	19	9.615 657	22	0.384 343	9.965 844	3	573	
428	9.581 520	18	9.615 679	21	0.384 321	9.965 841	3	572	
429	9.581 538	18	9.615 700	22	0.384 300	9.965 838	3	571	
.430	9.581 556	19	9.615 722	21	0.384 278	9.965 835	3	.570	
431	9.581 575	18	9.615 743	22	0.384 257	9.965 832	4	569	
432	9.581 593	19	9.615 765	21	0.384 235	9.965 828	3	568	
433	9.581 612	18	9.615 786	22	0.384 214	9.965 825	3	567	
434	9.581 630	18	9.615 808	21	0.384 192	9.965 822	3	566	
435	9.581 648	19	9.615 829	22	0.384 171	9.965 819	3	565	
436	9.581 667	18	9.615 851	21	0.384 149	9.965 816	3	564	
437	9.581 685	18	9.615 872	22	0.384 128	9.965 813	3	563	
438	9.581 703	19	9.615 894	21	0.384 106	9.965 810	3	562	
439	9.581 722	18	9.615 915	22	0.384 085	9.965 807	4	561	
.440	9.581 740	18	9.615 937	21	0.384 063	9.965 803	3	.560	
441	9.581 758	19	9.615 958	22	0.384 042	9.965 800	3	559	
442	9.581 777	18	9.615 980	21	0.384 020	9.965 797	3	558	
443	9.581 795	18	9.616 001	22	0.383 999	9.965 794	3	557	
444	9.581 813	19	9.616 023	21	0.383 977	9.965 791	3	556	
445	9.581 832	18	9.616 044	22	0.383 956	9.965 788	3	555	
446	9.581 850	19	9.616 066	21	0.383 934	9.965 785	3	554	
447	9.581 869	18	9.616 087	21	0.383 913	9.965 782	4	553	
448	9.581 887	18	9.616 108	22	0.383 892	9.965 778	3	552	
449	9.581 905	19	9.616 130	21	0.383 870	9.965 775	3	551	
.450	9.581 924		9.616 151		0.383 849	9.965 772		.550	
	cos	d	cotg	d	tang	sin	d	67°	P.P.

	22
1	2.2
2	4.4
3	6.6
4	8.8
5	11.0
6	13.2
7	15.4
8	17.6
9	19.8

	21
1	2.1
2	4.2
3	6.3
4	8.4
5	10.5
6	12.6
7	14.7
8	16.8
9	18.9

	19
1	1.9
2	3.8
3	5.7
4	7.6
5	9.5
6	11.4
7	13.3
8	15.2
9	17.1

	18
1	1.8
2	3.6
3	5.4
4	7.2
5	9.0
6	10.8
7	12.6
8	14.4
9	16.2

67°.600 — 67°.550

22°.450 — 22°.500

22°	sin	d	tang	d	cotg	cos	d		P.P.
.450	9.581 924	18	9.616 151	22	0.383 849	9.965 772	3	.550	
451	9.581 942	18	9.616 173	21	0.383 827	9.965 769	3	549	
452	9.581 960	19	9.616 194	22	0.383 806	9.965 766	3	548	
453	9.581 979	18	9.616 216	21	0.383 784	9.965 763	3	547	
454	9.581 997	18	9.616 237	22	0.383 763	9.965 760	4	546	
455	9.582 015	19	9.616 259	21	0.383 741	9.965 756	3	545	
456	9.582 034	18	9.616 280	22	0.383 720	9.965 753	3	544	
457	9.582 052	18	9.616 302	21	0.383 698	9.965 750	3	543	
458	9.582 070	19	9.616 323	22	0.383 677	9.965 747	3	542	
459	9.582 089	18	9.616 345	21	0.383 655	9.965 744	3	541	
.460	9.582 107	18	9.616 366	22	0.383 634	9.965 741	3	.540	
461	9.582 125	19	9.616 388	21	0.383 612	9.965 738	3	539	
462	9.582 144	18	9.616 409	22	0.383 591	9.965 735	4	538	
463	9.582 162	18	9.616 431	21	0.383 569	9.965 731	3	537	
464	9.582 180	19	9.616 452	21	0.383 548	9.965 728	3	536	
465	9.582 199	18	9.616 473	22	0.383 527	9.965 725	3	535	
466	9.582 217	18	9.616 495	21	0.383 505	9.965 722	3	534	
467	9.582 235	19	9.616 516	22	0.383 484	9.965 719	3	533	
468	9.582 254	18	9.616 538	21	0.383 462	9.965 716	3	532	
469	9.582 272	18	9.616 559	22	0.383 441	9.965 713	4	531	
.470	9.582 290	19	9.616 581	21	0.383 419	9.965 709	3	.530	
471	9.582 309	18	9.616 602	22	0.383 398	9.965 706	3	529	
472	9.582 327	18	9.616 624	21	0.383 376	9.965 703	3	528	
473	9.582 345	19	9.616 645	22	0.383 355	9.965 700	3	527	
474	9.582 364	18	9.616 667	21	0.383 333	9.965 697	3	526	
475	9.582 382	18	9.616 688	22	0.383 312	9.965 694	3	525	
476	9.582 400	19	9.616 710	21	0.383 290	9.965 691	3	524	
477	9.582 419	18	9.616 731	21	0.383 269	9.965 688	4	523	
478	9.582 437	18	9.616 752	22	0.383 248	9.965 684	3	522	
479	9.582 455	18	9.616 774	21	0.383 226	9.965 681	3	521	
.480	9.582 473	19	9.616 795	22	0.383 205	9.965 678	3	.520	
481	9.582 492	18	9.616 817	21	0.383 183	9.965 675	3	519	
482	9.582 510	18	9.616 838	22	0.383 162	9.965 672	3	518	
483	9.582 528	19	9.616 860	21	0.383 140	9.965 669	3	517	
484	9.582 547	18	9.616 881	22	0.383 119	9.965 666	4	516	
485	9.582 565	18	9.616 903	21	0.383 097	9.965 662	3	515	
486	9.582 583	19	9.616 924	22	0.383 076	9.965 659	3	514	
487	9.582 602	18	9.616 946	21	0.383 054	9.965 656	3	513	
488	9.582 620	18	9.616 967	21	0.383 033	9.965 653	3	512	
489	9.582 638	19	9.616 988	22	0.383 012	9.965 650	3	511	
.490	9.582 657	18	9.617 010	21	0.382 990	9.965 647	3	.510	
491	9.582 675	18	9.617 031	22	0.382 969	9.965 644	4	509	
492	9.582 693	19	9.617 053	21	0.382 947	9.965 640	3	508	
493	9.582 712	18	9.617 074	22	0.382 926	9.965 637	3	507	
494	9.582 730	18	9.617 096	21	0.382 904	9.965 634	3	506	
495	9.582 748	18	9.617 117	22	0.382 883	9.965 631	3	505	
496	9.582 766	19	9.617 139	21	0.382 861	9.965 628	3	504	
497	9.582 785	18	9.617 160	21	0.382 840	9.965 625	3	503	
498	9.582 803	18	9.617 181	22	0.382 819	9.965 622	4	502	
499	9.582 821	19	9.617 203	21	0.382 797	9.965 618	3	501	
.500	9.582 840		9.617 224		0.382 776	9.965 615		.500	
	cos	d	cotg	d	tang	sin	d	67°	P.P.

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67°.550 — 67°.500

22°.500 — 22°.550

22°	sin	d	tang	d	cotg	cos	d		P.P.
.500	9.582 840	18	9.617 224	22	0.382 776	9.965 615	3	.500	
501	9.582 858	18	9.617 246	21	0.382 754	9.965 612	3	499	
502	9.582 876	19	9.617 267	22	0.382 733	9.965 609	3	498	
503	9.582 895	18	9.617 289	21	0.382 711	9.965 606	3	497	
504	9.582 913	18	9.617 310	22	0.382 690	9.965 603	3	496	
505	9.582 931	18	9.617 332	21	0.382 668	9.965 600	3	495	
506	9.582 949	19	9.617 353	21	0.382 647	9.965 597	4	494	
507	9.582 968	18	9.617 374	22	0.382 626	9.965 593	3	493	
508	9.582 986	18	9.617 396	21	0.382 604	9.965 590	3	492	
509	9.583 004	19	9.617 417	22	0.382 583	9.965 587	3	491	
.510	9.583 023	18	9.617 439	21	0.382 561	9.965 584	3	.490	
511	9.583 041	18	9.617 460	22	0.382 540	9.965 581	3	489	
512	9.583 059	18	9.617 482	21	0.382 518	9.965 578	3	488	
513	9.583 077	19	9.617 503	21	0.382 497	9.965 575	4	487	
514	9.583 096	18	9.617 524	22	0.382 476	9.965 571	3	486	
515	9.583 114	18	9.617 546	21	0.382 454	9.965 568	3	485	
516	9.583 132	19	9.617 567	22	0.382 433	9.965 565	3	484	
517	9.583 151	18	9.617 589	21	0.382 411	9.965 562	3	483	
518	9.583 169	18	9.617 610	22	0.382 390	9.965 559	3	482	
519	9.583 187	18	9.617 632	21	0.382 368	9.965 556	3	481	
.520	9.583 205	19	9.617 653	21	0.382 347	9.965 553	4	.480	
521	9.583 224	18	9.617 674	22	0.382 326	9.965 549	3	479	
522	9.583 242	18	9.617 696	21	0.382 304	9.965 546	3	478	
523	9.583 260	19	9.617 717	22	0.382 283	9.965 543	3	477	
524	9.583 279	18	9.617 739	21	0.382 261	9.965 540	3	476	
525	9.583 297	18	9.617 760	21	0.382 240	9.965 537	3	475	
526	9.583 315	18	9.617 781	22	0.382 219	9.965 534	3	474	
527	9.583 333	19	9.617 803	21	0.382 197	9.965 531	4	473	
528	9.583 352	18	9.617 824	22	0.382 176	9.965 527	3	472	
529	9.583 370	18	9.617 846	21	0.382 154	9.965 524	3	471	
.530	9.583 388	19	9.617 867	22	0.382 133	9.965 521	3	.470	
531	9.583 407	18	9.617 889	21	0.382 111	9.965 518	3	469	
532	9.583 425	18	9.617 910	21	0.382 090	9.965 515	3	468	
533	9.583 443	18	9.617 931	22	0.382 069	9.965 512	3	467	
534	9.583 461	19	9.617 953	21	0.382 047	9.965 509	4	466	
535	9.583 480	18	9.617 974	22	0.382 026	9.965 505	3	465	
536	9.583 498	18	9.617 996	21	0.382 004	9.965 502	3	464	
537	9.583 516	18	9.618 017	21	0.381 983	9.965 499	3	463	
538	9.583 534	19	9.618 038	22	0.381 962	9.965 496	3	462	
539	9.583 553	18	9.618 060	21	0.381 940	9.965 493	3	461	
.540	9.583 571	18	9.618 081	22	0.381 919	9.965 490	4	.460	
541	9.583 589	18	9.618 103	21	0.381 897	9.965 486	3	459	
542	9.583 607	19	9.618 124	22	0.381 876	9.965 483	3	458	
543	9.583 626	18	9.618 146	21	0.381 854	9.965 480	3	457	
544	9.583 644	18	9.618 167	21	0.381 833	9.965 477	3	456	
545	9.583 662	18	9.618 188	22	0.381 812	9.965 474	3	455	
546	9.583 680	19	9.618 210	21	0.381 790	9.965 471	3	454	
547	9.583 699	18	9.618 231	22	0.381 769	9.965 468	4	453	
548	9.583 717	18	9.618 253	21	0.381 747	9.965 464	3	452	
549	9.583 735	19	9.618 274	21	0.381 726	9.965 461	3	451	
.550	9.583 754		9.618 295		0.381 705	9.965 458		.450	
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67°.500 — 67°.450

22°.550 — 22°.600

22°	sin	d	tang	d	cotg	cos	d		P.P.
.550	9.583 754	18	9.618 295	22	0.381 705	9.965 458	3	.450	
551	9.583 772	18	9.618 317	21	0.381 683	9.965 455	3	449	
552	9.583 790	18	9.618 338	22	0.381 662	9.965 452	3	448	
553	9.583 808	19	9.618 360	21	0.381 640	9.965 449	3	447	
554	9.583 827	18	9.618 381	21	0.381 619	9.965 446	4	446	
555	9.583 845	18	9.618 402	22	0.381 598	9.965 442	3	445	
556	9.583 863	18	9.618 424	21	0.381 576	9.965 439	3	444	
557	9.583 881	19	9.618 445	22	0.381 555	9.965 436	3	443	
558	9.583 900	18	9.618 467	21	0.381 533	9.965 433	3	442	
559	9.583 918	18	9.618 488	21	0.381 512	9.965 430	3	441	
.560	9.583 936	18	9.618 509	22	0.381 491	9.965 427	3	.440	
561	9.583 954	18	9.618 531	21	0.381 469	9.965 424	4	439	
562	9.583 972	19	9.618 552	21	0.381 448	9.965 420	3	438	
563	9.583 991	18	9.618 573	22	0.381 427	9.965 417	3	437	
564	9.584 009	18	9.618 595	21	0.381 405	9.965 414	3	436	
565	9.584 027	18	9.618 616	22	0.381 384	9.965 411	3	435	
566	9.584 045	19	9.618 638	21	0.381 362	9.965 408	3	434	
567	9.584 064	18	9.618 659	21	0.381 341	9.965 405	4	433	
568	9.584 082	18	9.618 680	22	0.381 320	9.965 401	3	432	
569	9.584 100	18	9.618 702	21	0.381 298	9.965 398	3	431	
.570	9.584 118	19	9.618 723	22	0.381 277	9.965 395	3	.430	
571	9.584 137	18	9.618 745	21	0.381 255	9.965 392	3	429	
572	9.584 155	18	9.618 766	21	0.381 234	9.965 389	3	428	
573	9.584 173	18	9.618 787	22	0.381 213	9.965 386	3	427	
574	9.584 191	19	9.618 809	21	0.381 191	9.965 383	4	426	
575	9.584 210	18	9.618 830	22	0.381 170	9.965 379	3	425	
576	9.584 228	18	9.618 852	21	0.381 148	9.965 376	3	424	
577	9.584 246	18	9.618 873	21	0.381 127	9.965 373	3	423	
578	9.584 264	19	9.618 894	22	0.381 106	9.965 370	3	422	
579	9.584 283	18	9.618 916	21	0.381 084	9.965 367	3	421	
.580	9.584 301	18	9.618 937	21	0.381 063	9.965 364	3	.420	
581	9.584 319	18	9.618 958	22	0.381 042	9.965 361	4	419	
582	9.584 337	18	9.618 980	21	0.381 020	9.965 357	3	418	
583	9.584 355	19	9.619 001	22	0.380 999	9.965 354	3	417	
584	9.584 374	18	9.619 023	21	0.380 977	9.965 351	3	416	
585	9.584 392	18	9.619 044	21	0.380 956	9.965 348	3	415	
586	9.584 410	18	9.619 065	22	0.380 935	9.965 345	3	414	
587	9.584 428	19	9.619 087	21	0.380 913	9.965 342	4	413	
588	9.584 447	18	9.619 108	21	0.380 892	9.965 338	3	412	
589	9.584 465	18	9.619 129	22	0.380 871	9.965 335	3	411	
.590	9.584 483	18	9.619 151	21	0.380 849	9.965 332	3	.410	
591	9.584 501	18	9.619 172	22	0.380 828	9.965 329	3	409	
592	9.584 519	19	9.619 194	21	0.380 806	9.965 326	3	408	
593	9.584 538	18	9.619 215	21	0.380 785	9.965 323	3	407	
594	9.584 556	18	9.619 236	22	0.380 764	9.965 320	4	406	
595	9.584 574	18	9.619 258	21	0.380 742	9.965 316	3	405	
596	9.584 592	18	9.619 279	21	0.380 721	9.965 313	3	404	
597	9.584 610	19	9.619 300	22	0.380 700	9.965 310	3	403	
598	9.584 629	18	9.619 322	21	0.380 678	9.965 307	3	402	
599	9.584 647	18	9.619 343	21	0.380 657	9.965 304	3	401	
.600	9.584 665		9.619 364		0.380 636	9.965 301		.400	
	cos	d	cotg	d	tang	sin	d	67°	P.P.

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67°.450 — 67°.400

22°.600 — 22°.650

22°	sin	d	tang	d	cotg	cos	d		P.P.
.600	9.584 665	18	9.619 364	22	0.380 636	9.965 301	4	.400	
601	9.584 683	19	9.619 386	21	0.380 614	9.965 297	3	399	
602	9.584 702	18	9.619 407	22	0.380 593	9.965 294	3	398	
603	9.584 720	18	9.619 429	21	0.380 571	9.965 291	3	397	
604	9.584 738	18	9.619 450	21	0.380 550	9.965 288	3	396	
605	9.584 756	18	9.619 471	22	0.380 529	9.965 285	3	395	
606	9.584 774	19	9.619 493	21	0.380 507	9.965 282	3	394	
607	9.584 793	18	9.619 514	21	0.380 486	9.965 279	4	393	
608	9.584 811	18	9.619 535	22	0.380 465	9.965 275	3	392	
609	9.584 829	18	9.619 557	21	0.380 443	9.965 272	3	391	
.610	9.584 847	18	9.619 578	21	0.380 422	9.965 269	3	.390	
611	9.584 865	19	9.619 599	22	0.380 401	9.965 266	3	389	
612	9.584 884	18	9.619 621	21	0.380 379	9.965 263	3	388	
613	9.584 902	18	9.619 642	22	0.380 358	9.965 260	4	387	
614	9.584 920	18	9.619 664	21	0.380 336	9.965 256	3	386	
615	9.584 938	18	9.619 685	21	0.380 315	9.965 253	3	385	
616	9.584 956	19	9.619 706	22	0.380 294	9.965 250	3	384	
617	9.584 975	18	9.619 728	21	0.380 272	9.965 247	3	383	
618	9.584 993	18	9.619 749	21	0.380 251	9.965 244	3	382	
619	9.585 011	18	9.619 770	22	0.380 230	9.965 241	4	381	
.620	9.585 029	18	9.619 792	21	0.380 208	9.965 237	3	.380	
621	9.585 047	18	9.619 813	21	0.380 187	9.965 234	3	379	
622	9.585 065	19	9.619 834	22	0.380 166	9.965 231	3	378	
623	9.585 084	18	9.619 856	21	0.380 144	9.965 228	3	377	
624	9.585 102	18	9.619 877	21	0.380 123	9.965 225	3	376	
625	9.585 120	18	9.619 898	22	0.380 102	9.965 222	3	375	
626	9.585 138	18	9.619 920	21	0.380 080	9.965 219	3	374	
627	9.585 156	19	9.619 941	21	0.380 059	9.965 215	4	373	
628	9.585 175	18	9.619 962	22	0.380 038	9.965 212	3	372	
629	9.585 193	18	9.619 984	21	0.380 016	9.965 209	3	371	
.630	9.585 211	18	9.620 005	21	0.379 995	9.965 206	3	.370	
631	9.585 229	18	9.620 026	22	0.379 974	9.965 203	3	369	
632	9.585 247	19	9.620 048	21	0.379 952	9.965 200	3	368	
633	9.585 266	18	9.620 069	21	0.379 931	9.965 196	4	367	
634	9.585 284	18	9.620 090	22	0.379 910	9.965 193	3	366	
635	9.585 302	18	9.620 112	21	0.379 888	9.965 190	3	365	
636	9.585 320	18	9.620 133	21	0.379 867	9.965 187	3	364	
637	9.585 338	18	9.620 154	22	0.379 846	9.965 184	3	363	
638	9.585 356	19	9.620 176	21	0.379 824	9.965 181	4	362	
639	9.585 375	18	9.620 197	21	0.379 803	9.965 177	3	361	
.640	9.585 393	18	9.620 218	22	0.379 782	9.965 174	3	.360	
641	9.585 411	18	9.620 240	21	0.379 760	9.965 171	3	359	
642	9.585 429	18	9.620 261	21	0.379 739	9.965 168	3	358	
643	9.585 447	18	9.620 282	22	0.379 718	9.965 165	3	357	
644	9.585 465	19	9.620 304	21	0.379 696	9.965 162	4	356	
645	9.585 484	18	9.620 325	21	0.379 675	9.965 158	3	355	
646	9.585 502	18	9.620 346	22	0.379 654	9.965 155	3	354	
647	9.585 520	18	9.620 368	21	0.379 632	9.965 152	3	353	
648	9.585 538	18	9.620 389	21	0.379 611	9.965 149	3	352	
649	9.585 556	18	9.620 410	22	0.379 590	9.965 146	3	351	
.650	9.585 574		9.620 432		0.379 568	9.965 143		.350	
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67°.400 — 67°.350

22°.650 — 22°.700

22°	sin	d	tang	d	cotg	cos	d		P.P.
.650	9.585 574	19	9.620 432	21	0.379 568	9.965 143	4	.350	
651	9.585 593	18	9.620 453	21	0.379 547	9.965 139	3	349	
652	9.585 611	18	9.620 474	22	0.379 526	9.965 136	3	348	
653	9.585 629	18	9.620 496	21	0.379 504	9.965 133	3	347	
654	9.585 647	18	9.620 517	21	0.379 483	9.965 130	3	346	
655	9.585 665	18	9.620 538	22	0.379 462	9.965 127	3	345	
656	9.585 683	19	9.620 560	21	0.379 440	9.965 124	3	344	
657	9.585 702	18	9.620 581	21	0.379 419	9.965 121	4	343	
658	9.585 720	18	9.620 602	22	0.379 398	9.965 117	3	342	
659	9.585 738	18	9.620 624	21	0.379 376	9.965 114	3	341	
.660	9.585 756	18	9.620 645	21	0.379 355	9.965 111	3	.340	
661	9.585 774	18	9.620 666	22	0.379 334	9.965 108	3	339	
662	9.585 792	19	9.620 688	21	0.379 312	9.965 105	3	338	
663	9.585 811	18	9.620 709	21	0.379 291	9.965 102	4	337	
664	9.585 829	18	9.620 730	22	0.379 270	9.965 098	3	336	
665	9.585 847	18	9.620 752	21	0.379 248	9.965 095	3	335	
666	9.585 865	18	9.620 773	21	0.379 227	9.965 092	3	334	
667	9.585 883	18	9.620 794	22	0.379 206	9.965 089	3	333	
668	9.585 901	18	9.620 816	21	0.379 184	9.965 086	3	332	
669	9.585 919	19	9.620 837	21	0.379 163	9.965 083	4	331	
.670	9.585 938	18	9.620 858	22	0.379 142	9.965 079	3	.330	
671	9.585 956	18	9.620 880	21	0.379 120	9.965 076	3	329	
672	9.585 974	18	9.620 901	21	0.379 099	9.965 073	3	328	
673	9.585 992	18	9.620 922	21	0.379 078	9.965 070	3	327	
674	9.586 010	18	9.620 943	22	0.379 057	9.965 067	3	326	
675	9.586 028	18	9.620 965	21	0.379 035	9.965 064	4	325	
676	9.586 046	19	9.620 986	21	0.379 014	9.965 060	3	324	
677	9.586 065	18	9.621 007	22	0.378 993	9.965 057	3	323	
678	9.586 083	18	9.621 029	21	0.378 971	9.965 054	3	322	
679	9.586 101	18	9.621 050	21	0.378 950	9.965 051	3	321	
.680	9.586 119	18	9.621 071	22	0.378 929	9.965 048	3	.320	
681	9.586 137	18	9.621 093	21	0.378 907	9.965 045	4	319	
682	9.586 155	18	9.621 114	21	0.378 886	9.965 041	3	318	
683	9.586 173	19	9.621 135	22	0.378 865	9.965 038	3	317	
684	9.586 192	18	9.621 157	21	0.378 843	9.965 035	3	316	
685	9.586 210	18	9.621 178	21	0.378 822	9.965 032	3	315	
686	9.586 228	18	9.621 199	21	0.378 801	9.965 029	3	314	
687	9.586 246	18	9.621 220	22	0.378 780	9.965 026	4	313	
688	9.586 264	18	9.621 242	21	0.378 758	9.965 022	3	312	
689	9.586 282	18	9.621 263	21	0.378 737	9.965 019	3	311	
.690	9.586 300	18	9.621 284	22	0.378 716	9.965 016	3	.310	
691	9.586 318	19	9.621 306	21	0.378 694	9.965 013	3	309	
692	9.586 337	18	9.621 327	21	0.378 673	9.965 010	4	308	
693	9.586 355	18	9.621 348	22	0.378 652	9.965 006	3	307	
694	9.586 373	18	9.621 370	21	0.378 630	9.965 003	3	306	
695	9.586 391	18	9.621 391	21	0.378 609	9.965 000	3	305	
696	9.586 409	18	9.621 412	21	0.378 588	9.964 997	3	304	
697	9.586 427	18	9.621 433	22	0.378 567	9.964 994	3	303	
698	9.586 445	18	9.621 455	21	0.378 545	9.964 991	4	302	
699	9.586 463	19	9.621 476	21	0.378 524	9.964 987	3	301	
.700	9.586 482		9.621 497		0.378 503	9.964 984		.300	
	cos	d	cotg	d	tang	sin	d	67°	P.P.

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67°.350 — 67°.300

22°.700 — 22°.750

22°	sin	d	tang	d	cotg	cos	d		P.P.
.700	9.586 482	18	9.621 497	22	0.378 503	9.964 984	3	.300	
701	9.586 500	18	9.621 519	21	0.378 481	9.964 981	3	299	
702	9.586 518	18	9.621 540	21	0.378 460	9.964 978	3	298	
703	9.586 536	18	9.621 561	21	0.378 439	9.964 975	3	297	
704	9.586 554	18	9.621 582	22	0.378 418	9.964 972	4	296	
705	9.586 572	18	9.621 604	21	0.378 396	9.964 968	3	295	
706	9.586 590	18	9.621 625	21	0.378 375	9.964 965	3	294	
707	9.586 608	19	9.621 646	22	0.378 354	9.964 962	3	293	
708	9.586 627	18	9.621 668	21	0.378 332	9.964 959	3	292	
709	9.586 645	18	9.621 689	21	0.378 311	9.964 956	3	291	
.710	9.586 663	18	9.621 710	21	0.378 290	9.964 953	4	.290	
711	9.586 681	18	9.621 731	22	0.378 269	9.964 949	3	289	
712	9.586 699	18	9.621 753	21	0.378 247	9.964 946	3	288	
713	9.586 717	18	9.621 774	21	0.378 226	9.964 943	3	287	
714	9.586 735	18	9.621 795	22	0.378 205	9.964 940	3	286	
715	9.586 753	18	9.621 817	21	0.378 183	9.964 937	3	285	
716	9.586 771	18	9.621 838	21	0.378 162	9.964 934	4	284	
717	9.586 789	19	9.621 859	21	0.378 141	9.964 930	3	283	
718	9.586 808	18	9.621 880	22	0.378 120	9.964 927	3	282	
719	9.586 826	18	9.621 902	21	0.378 098	9.964 924	3	281	
.720	9.586 844	18	9.621 923	21	0.378 077	9.964 921	3	.280	
721	9.586 862	18	9.621 944	21	0.378 056	9.964 918	3	279	
722	9.586 880	18	9.621 965	22	0.378 035	9.964 915	4	278	
723	9.586 898	18	9.621 987	21	0.378 013	9.964 911	3	277	
724	9.586 916	18	9.622 008	21	0.377 992	9.964 908	3	276	
725	9.586 934	18	9.622 029	22	0.377 971	9.964 905	3	275	
726	9.586 952	19	9.622 051	21	0.377 949	9.964 902	3	274	
727	9.586 971	18	9.622 072	21	0.377 928	9.964 899	4	273	
728	9.586 989	18	9.622 093	21	0.377 907	9.964 895	3	272	
729	9.587 007	18	9.622 114	22	0.377 886	9.964 892	3	271	
.730	9.587 025	18	9.622 136	21	0.377 864	9.964 889	3	.270	
731	9.587 043	18	9.622 157	21	0.377 843	9.964 886	3	269	
732	9.587 061	18	9.622 178	21	0.377 822	9.964 883	3	268	
733	9.587 079	18	9.622 199	22	0.377 801	9.964 880	4	267	
734	9.587 097	18	9.622 221	21	0.377 779	9.964 876	3	266	
735	9.587 115	18	9.622 242	21	0.377 758	9.964 873	3	265	
736	9.587 133	18	9.622 263	22	0.377 737	9.964 870	3	264	
737	9.587 151	19	9.622 285	21	0.377 715	9.964 867	3	263	
738	9.587 170	18	9.622 306	21	0.377 694	9.964 864	3	262	
739	9.587 188	18	9.622 327	21	0.377 673	9.964 861	4	261	
.740	9.587 206	18	9.622 348	22	0.377 652	9.964 857	3	.260	
741	9.587 224	18	9.622 370	21	0.377 630	9.964 854	3	259	
742	9.587 242	18	9.622 391	21	0.377 609	9.964 851	3	258	
743	9.587 260	18	9.622 412	21	0.377 588	9.964 848	3	257	
744	9.587 278	18	9.622 433	22	0.377 567	9.964 845	4	256	
745	9.587 296	18	9.622 455	21	0.377 545	9.964 841	3	255	
746	9.587 314	18	9.622 476	21	0.377 524	9.964 838	3	254	
747	9.587 332	18	9.622 497	21	0.377 503	9.964 835	3	253	
748	9.587 350	18	9.622 518	22	0.377 482	9.964 832	3	252	
749	9.587 368	18	9.622 540	21	0.377 460	9.964 829	3	251	
.750	9.587 386		9.622 561		0.377 439	9.964 826		.250	
	cos	d	cotg	d	tang	sin	d	67°	P.P.

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67°.300 — 67°.250

22°.750 — 22°.800

22°	sin	d	tang	d	cotg	cos	d		P.P.
.750	9.587 386	19	9.622 561	21	0.377 439	9.964 826	4	.250	
751	9.587 405	18	9.622 582	21	0.377 418	9.964 822	3	249	
752	9.587 423	18	9.622 603	22	0.377 397	9.964 819	3	248	
753	9.587 441	18	9.622 625	21	0.377 375	9.964 816	3	247	
754	9.587 459	18	9.622 646	21	0.377 354	9.964 813	3	246	
755	9.587 477	18	9.622 667	21	0.377 333	9.964 810	3	245	
756	9.587 495	18	9.622 688	22	0.377 312	9.964 807	4	244	
757	9.587 513	18	9.622 710	21	0.377 290	9.964 803	3	243	
758	9.587 531	18	9.622 731	21	0.377 269	9.964 800	3	242	
759	9.587 549	18	9.622 752	21	0.377 248	9.964 797	3	241	
.760	9.587 567	18	9.622 773	22	0.377 227	9.964 794	3	.240	
761	9.587 585	18	9.622 795	21	0.377 205	9.964 791	4	239	
762	9.587 603	18	9.622 816	21	0.377 184	9.964 787	3	238	
763	9.587 621	18	9.622 837	21	0.377 163	9.964 784	3	237	
764	9.587 639	19	9.622 858	22	0.377 142	9.964 781	3	236	
765	9.587 658	18	9.622 880	21	0.377 120	9.964 778	3	235	
766	9.587 676	18	9.622 901	21	0.377 099	9.964 775	3	234	
767	9.587 694	18	9.622 922	21	0.377 078	9.964 772	4	233	
768	9.587 712	18	9.622 943	22	0.377 057	9.964 768	3	232	
769	9.587 730	18	9.622 965	21	0.377 035	9.964 765	3	231	
.770	9.587 748	18	9.622 986	21	0.377 014	9.964 762	3	.230	
771	9.587 766	18	9.623 007	21	0.376 993	9.964 759	3	229	
772	9.587 784	18	9.623 028	22	0.376 972	9.964 756	4	228	
773	9.587 802	18	9.623 050	21	0.376 950	9.964 752	3	227	
774	9.587 820	18	9.623 071	21	0.376 929	9.964 749	3	226	
775	9.587 838	18	9.623 092	21	0.376 908	9.964 746	3	225	
776	9.587 856	18	9.623 113	22	0.376 887	9.964 743	3	224	
777	9.587 874	18	9.623 135	21	0.376 865	9.964 740	3	223	
778	9.587 892	18	9.623 156	21	0.376 844	9.964 737	4	222	
779	9.587 910	18	9.623 177	21	0.376 823	9.964 733	3	221	
.780	9.587 928	18	9.623 198	21	0.376 802	9.964 730	3	.220	
781	9.587 946	18	9.623 219	22	0.376 781	9.964 727	3	219	
782	9.587 964	19	9.623 241	21	0.376 759	9.964 724	3	218	
783	9.587 983	18	9.623 262	21	0.376 738	9.964 721	4	217	
784	9.588 001	18	9.623 283	21	0.376 717	9.964 717	3	216	
785	9.588 019	18	9.623 304	22	0.376 696	9.964 714	3	215	
786	9.588 037	18	9.623 326	21	0.376 674	9.964 711	3	214	
787	9.588 055	18	9.623 347	21	0.376 653	9.964 708	3	213	
788	9.588 073	18	9.623 368	21	0.376 632	9.964 705	4	212	
789	9.588 091	18	9.623 389	22	0.376 611	9.964 701	3	211	
.790	9.588 109	18	9.623 411	21	0.376 589	9.964 698	3	.210	
791	9.588 127	18	9.623 432	21	0.376 568	9.964 695	3	209	
792	9.588 145	18	9.623 453	21	0.376 547	9.964 692	3	208	
793	9.588 163	18	9.623 474	21	0.376 526	9.964 689	3	207	
794	9.588 181	18	9.623 495	22	0.376 505	9.964 686	4	206	
795	9.588 199	18	9.623 517	21	0.376 483	9.964 682	3	205	
796	9.588 217	18	9.623 538	21	0.376 462	9.964 679	3	204	
797	9.588 235	18	9.623 559	21	0.376 441	9.964 676	3	203	
798	9.588 253	18	9.623 580	22	0.376 420	9.964 673	3	202	
799	9.588 271	18	9.623 602	21	0.376 398	9.964 670	4	201	
.800	9.588 289		9.623 623		0.376 377	9.964 666		.200	
	cos	d	cotg	d	tang	sin	d	67°	P.P.

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67°.250 — 67°.200

22°.800 — 22°.850

22°	sin	d	tang	d	cotg	cos	d		P.P.
.800	9.588 289	18	9.623 623	21	0.376 377	9.964 666	3	.200	
801	9.588 307	18	9.623 644	21	0.376 356	9.964 663	3	199	
802	9.588 325	18	9.623 665	21	0.376 335	9.964 660	3	198	
803	9.588 343	18	9.623 686	22	0.376 314	9.964 657	3	197	
804	9.588 361	18	9.623 708	21	0.376 292	9.964 654	3	196	
805	9.588 379	18	9.623 729	21	0.376 271	9.964 651	4	195	
806	9.588 397	18	9.623 750	21	0.376 250	9.964 647	3	194	
807	9.588 415	18	9.623 771	21	0.376 229	9.964 644	3	193	
808	9.588 433	18	9.623 792	22	0.376 208	9.964 641	3	192	
809	9.588 451	18	9.623 814	21	0.376 186	9.964 638	3	191	
.810	9.588 469	18	9.623 835	21	0.376 165	9.964 635	4	.190	
811	9.588 487	18	9.623 856	21	0.376 144	9.964 631	3	189	
812	9.588 505	19	9.623 877	21	0.376 123	9.964 628	3	188	
813	9.588 524	18	9.623 898	22	0.376 102	9.964 625	3	187	
814	9.588 542	18	9.623 920	21	0.376 080	9.964 622	3	186	
815	9.588 560	18	9.623 941	21	0.376 059	9.964 619	4	185	
816	9.588 578	18	9.623 962	21	0.376 038	9.964 615	3	184	
817	9.588 596	18	9.623 983	22	0.376 017	9.964 612	3	183	
818	9.588 614	18	9.624 005	21	0.375 995	9.964 609	3	182	
819	9.588 632	18	9.624 026	21	0.375 974	9.964 606	3	181	
.820	9.588 650	18	9.624 047	21	0.375 953	9.964 603	3	.180	
821	9.588 668	18	9.624 068	21	0.375 932	9.964 600	4	179	
822	9.588 686	18	9.624 089	22	0.375 911	9.964 596	3	178	
823	9.588 704	18	9.624 111	21	0.375 889	9.964 593	3	177	
824	9.588 722	18	9.624 132	21	0.375 868	9.964 590	3	176	
825	9.588 740	18	9.624 153	21	0.375 847	9.964 587	3	175	
826	9.588 758	18	9.624 174	21	0.375 826	9.964 584	4	174	
827	9.588 776	18	9.624 195	22	0.375 805	9.964 580	3	173	
828	9.588 794	18	9.624 217	21	0.375 783	9.964 577	3	172	
829	9.588 812	18	9.624 238	21	0.375 762	9.964 574	3	171	
.830	9.588 830	18	9.624 259	21	0.375 741	9.964 571	3	.170	
831	9.588 848	18	9.624 280	21	0.375 720	9.964 568	4	169	
832	9.588 866	18	9.624 301	22	0.375 699	9.964 564	3	168	
833	9.588 884	18	9.624 323	21	0.375 677	9.964 561	3	167	
834	9.588 902	18	9.624 344	21	0.375 656	9.964 558	3	166	
835	9.588 920	18	9.624 365	21	0.375 635	9.964 555	3	165	
836	9.588 938	18	9.624 386	21	0.375 614	9.964 552	4	164	
837	9.588 956	18	9.624 407	21	0.375 593	9.964 548	3	163	
838	9.588 974	18	9.624 428	22	0.375 572	9.964 545	3	162	
839	9.588 992	18	9.624 450	21	0.375 550	9.964 542	3	161	
.840	9.589 010	18	9.624 471	21	0.375 529	9.964 539	3	.160	
841	9.589 028	18	9.624 492	21	0.375 508	9.964 536	4	159	
842	9.589 046	18	9.624 513	21	0.375 487	9.964 532	3	158	
843	9.589 064	18	9.624 534	22	0.375 466	9.964 529	3	157	
844	9.589 082	18	9.624 556	21	0.375 444	9.964 526	3	156	
845	9.589 100	18	9.624 577	21	0.375 423	9.964 523	3	155	
846	9.589 118	18	9.624 598	21	0.375 402	9.964 520	3	154	
847	9.589 136	18	9.624 619	21	0.375 381	9.964 517	4	153	
848	9.589 154	18	9.624 640	22	0.375 360	9.964 513	3	152	
849	9.589 172	18	9.624 662	21	0.375 338	9.964 510	3	151	
.850	9.589 190		9.624 683		0.375 317	9.964 507		.150	
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67°.200 — 67°.150

22°.850 — 22°.900

22°	sin	d	tang	d	cotg	cos	d		P.P.
.850	9.589 190	18	9.624 683	21	0.375 317	9.964 507	3	.150	
851	9.589 208	18	9.624 704	21	0.375 296	9.964 504	3	149	
852	9.589 226	18	9.624 725	21	0.375 275	9.964 501	4	148	
853	9.589 244	18	9.624 746	21	0.375 254	9.964 497	3	147	
854	9.589 262	18	9.624 767	22	0.375 233	9.964 494	3	146	
855	9.589 280	18	9.624 789	21	0.375 211	9.964 491	3	145	
856	9.589 298	18	9.624 810	21	0.375 190	9.964 488	3	144	
857	9.589 316	18	9.624 831	21	0.375 169	9.964 485	4	143	
858	9.589 334	18	9.624 852	21	0.375 148	9.964 481	3	142	
859	9.589 352	17	9.624 873	22	0.375 127	9.964 478	3	141	
.860	9.589 369	18	9.624 895	21	0.375 105	9.964 475	3	.140	
861	9.589 387	18	9.624 916	21	0.375 084	9.964 472	3	139	
862	9.589 405	18	9.624 937	21	0.375 063	9.964 469	4	138	
863	9.589 423	18	9.624 958	21	0.375 042	9.964 465	3	137	
864	9.589 441	18	9.624 979	21	0.375 021	9.964 462	3	136	
865	9.589 459	18	9.625 000	22	0.375 000	9.964 459	3	135	
866	9.589 477	18	9.625 022	21	0.374 978	9.964 456	3	134	
867	9.589 495	18	9.625 043	21	0.374 957	9.964 453	4	133	
868	9.589 513	18	9.625 064	21	0.374 936	9.964 449	3	132	
869	9.589 531	18	9.625 085	21	0.374 915	9.964 446	3	131	
.870	9.589 549	18	9.625 106	21	0.374 894	9.964 443	3	.130	
871	9.589 567	18	9.625 127	22	0.374 873	9.964 440	3	129	
872	9.589 585	18	9.625 149	21	0.374 851	9.964 437	4	128	
873	9.589 603	18	9.625 170	21	0.374 830	9.964 433	3	127	
874	9.589 621	18	9.625 191	21	0.374 809	9.964 430	3	126	
875	9.589 639	18	9.625 212	21	0.374 788	9.964 427	3	125	
876	9.589 657	18	9.625 233	21	0.374 767	9.964 424	3	124	
877	9.589 675	18	9.625 254	22	0.374 746	9.964 421	4	123	
878	9.589 693	18	9.625 276	21	0.374 724	9.964 417	3	122	
879	9.589 711	18	9.625 297	21	0.374 703	9.964 414	3	121	
.880	9.589 729	18	9.625 318	21	0.374 682	9.964 411	3	.120	
881	9.589 747	18	9.625 339	21	0.374 661	9.964 408	3	119	
882	9.589 765	18	9.625 360	21	0.374 640	9.964 405	4	118	
883	9.589 783	18	9.625 381	21	0.374 619	9.964 401	3	117	
884	9.589 801	18	9.625 402	22	0.374 598	9.964 398	3	116	
885	9.589 819	18	9.625 424	21	0.374 576	9.964 395	3	115	
886	9.589 837	18	9.625 445	21	0.374 555	9.964 392	3	114	
887	9.589 855	18	9.625 466	21	0.374 534	9.964 389	4	113	
888	9.589 873	18	9.625 487	21	0.374 513	9.964 385	3	112	
889	9.589 891	17	9.625 508	21	0.374 492	9.964 382	3	111	
.890	9.589 908	18	9.625 529	22	0.374 471	9.964 379	3	.110	
891	9.589 926	18	9.625 551	21	0.374 449	9.964 376	3	109	
892	9.589 944	18	9.625 572	21	0.374 428	9.964 373	4	108	
893	9.589 962	18	9.625 593	21	0.374 407	9.964 369	3	107	
894	9.589 980	18	9.625 614	21	0.374 386	9.964 366	3	106	
895	9.589 998	18	9.625 635	21	0.374 365	9.964 363	3	105	
896	9.590 016	18	9.625 656	21	0.374 344	9.964 360	3	104	
897	9.590 034	18	9.625 677	22	0.374 323	9.964 357	4	103	
898	9.590 052	18	9.625 699	21	0.374 301	9.964 353	3	102	
899	9.590 070	18	9.625 720	21	0.374 280	9.964 350	3	101	
.900	9.590 088		9.625 741		0.374 259	9.964 347		.100	
	cos	d	cotg	d	tang	sin	d	67°	P.P.

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67°.150 — 67°.100

22°.900 — 22°.950

22°	sin	d	tang	d	cotg	cos	d		P.P.
.900	9.590 088	18	9.625 741	21	0.374 259	9.964 347	3	.100	
901	9.590 106	18	9.625 762	21	0.374 238	9.964 344	3	099	
902	9.590 124	18	9.625 783	21	0.374 217	9.964 341	4	098	
903	9.590 142	18	9.625 804	21	0.374 196	9.964 337	3	097	
904	9.590 160	18	9.625 825	22	0.374 175	9.964 334	3	096	
905	9.590 178	18	9.625 847	21	0.374 153	9.964 331	3	095	
906	9.590 196	18	9.625 868	21	0.374 132	9.964 328	3	094	
907	9.590 214	17	9.625 889	21	0.374 111	9.964 325	4	093	
908	9.590 231	18	9.625 910	21	0.374 090	9.964 321	3	092	
909	9.590 249	18	9.625 931	21	0.374 069	9.964 318	3	091	
.910	9.590 267	18	9.625 952	21	0.374 048	9.964 315	3	.090	
911	9.590 285	18	9.625 973	22	0.374 027	9.964 312	3	089	
912	9.590 303	18	9.625 995	21	0.374 005	9.964 309	4	088	
913	9.590 321	18	9.626 016	21	0.373 984	9.964 305	3	087	
914	9.590 339	18	9.626 037	21	0.373 963	9.964 302	3	086	
915	9.590 357	18	9.626 058	21	0.373 942	9.964 299	3	085	
916	9.590 375	18	9.626 079	21	0.373 921	9.964 296	3	084	
917	9.590 393	18	9.626 100	21	0.373 900	9.964 293	4	083	
918	9.590 411	18	9.626 121	22	0.373 879	9.964 289	3	082	
919	9.590 429	18	9.626 143	21	0.373 857	9.964 286	3	081	
.920	9.590 447	18	9.626 164	21	0.373 836	9.964 283	3	.080	
921	9.590 465	18	9.626 185	21	0.373 815	9.964 280	3	079	
922	9.590 483	17	9.626 206	21	0.373 794	9.964 277	4	078	
923	9.590 500	18	9.626 227	21	0.373 773	9.964 273	3	077	
924	9.590 518	18	9.626 248	21	0.373 752	9.964 270	3	076	
925	9.590 536	18	9.626 269	21	0.373 731	9.964 267	3	075	
926	9.590 554	18	9.626 290	22	0.373 710	9.964 264	3	074	
927	9.590 572	18	9.626 312	21	0.373 688	9.964 261	4	073	
928	9.590 590	18	9.626 333	21	0.373 667	9.964 257	3	072	
929	9.590 608	18	9.626 354	21	0.373 646	9.964 254	3	071	
.930	9.590 626	18	9.626 375	21	0.373 625	9.964 251	3	.070	
931	9.590 644	18	9.626 396	21	0.373 604	9.964 248	3	069	
932	9.590 662	18	9.626 417	21	0.373 583	9.964 245	4	068	
933	9.590 680	18	9.626 438	21	0.373 562	9.964 241	3	067	
934	9.590 698	17	9.626 459	22	0.373 541	9.964 238	3	066	
935	9.590 715	18	9.626 481	21	0.373 519	9.964 235	3	065	
936	9.590 733	18	9.626 502	21	0.373 498	9.964 232	4	064	
937	9.590 751	18	9.626 523	21	0.373 477	9.964 228	3	063	
938	9.590 769	18	9.626 544	21	0.373 456	9.964 225	3	062	
939	9.590 787	18	9.626 565	21	0.373 435	9.964 222	3	061	
.940	9.590 805	18	9.626 586	21	0.373 414	9.964 219	3	.060	
941	9.590 823	18	9.626 607	21	0.373 393	9.964 216	4	059	
942	9.590 841	18	9.626 628	22	0.373 372	9.964 212	3	058	
943	9.590 859	18	9.626 650	21	0.373 350	9.964 209	3	057	
944	9.590 877	18	9.626 671	21	0.373 329	9.964 206	3	056	
945	9.590 895	17	9.626 692	21	0.373 308	9.964 203	3	055	
946	9.590 912	18	9.626 713	21	0.373 287	9.964 200	4	054	
947	9.590 930	18	9.626 734	21	0.373 266	9.964 196	3	053	
948	9.590 948	18	9.626 755	21	0.373 245	9.964 193	3	052	
949	9.590 966	18	9.626 776	21	0.373 224	9.964 190	3	051	
.950	9.590 984		9.626 797		0.373 203	9.964 187		.050	
	cos	d	cotg	d	tang	sin	d	67°	P.P.

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67°.100 — 67°.050

22°.950 — 23°.000

22°	sin	d	tang	d	cotg	cos	d		P.P.
.950	9.590 984	18	9.626 797	21	0.373 203	9.964 187	3	.050	
951	9.591 002	18	9.626 818	22	0.373 182	9.964 184	4	049	
952	9.591 020	18	9.626 840	21	0.373 160	9.964 180	3	048	
953	9.591 038	18	9.626 861	21	0.373 139	9.964 177	3	047	
954	9.591 056	18	9.626 882	21	0.373 118	9.964 174	3	046	
955	9.591 074	17	9.626 903	21	0.373 097	9.964 171	4	045	
956	9.591 091	18	9.626 924	21	0.373 076	9.964 167	3	044	
957	9.591 109	18	9.626 945	21	0.373 055	9.964 164	3	043	
958	9.591 127	18	9.626 966	21	0.373 034	9.964 161	3	042	
959	9.591 145	18	9.626 987	21	0.373 013	9.964 158	3	041	
.960	9.591 163	18	9.627 008	21	0.372 992	9.964 155	4	.040	
961	9.591 181	18	9.627 029	22	0.372 971	9.964 151	3	039	
962	9.591 199	18	9.627 051	21	0.372 949	9.964 148	3	038	
963	9.591 217	18	9.627 072	21	0.372 928	9.964 145	3	037	
964	9.591 235	17	9.627 093	21	0.372 907	9.964 142	3	036	
965	9.591 252	18	9.627 114	21	0.372 886	9.964 139	4	035	
966	9.591 270	18	9.627 135	21	0.372 865	9.964 135	3	034	
967	9.591 288	18	9.627 156	21	0.372 844	9.964 132	3	033	
968	9.591 306	18	9.627 177	21	0.372 823	9.964 129	3	032	
969	9.591 324	18	9.627 198	21	0.372 802	9.964 126	3	031	
.970	9.591 342	18	9.627 219	21	0.372 781	9.964 123	4	.030	
971	9.591 360	18	9.627 240	22	0.372 760	9.964 119	3	029	
972	9.591 378	18	9.627 262	21	0.372 738	9.964 116	3	028	
973	9.591 396	17	9.627 283	21	0.372 717	9.964 113	3	027	
974	9.591 413	18	9.627 304	21	0.372 696	9.964 110	4	026	
975	9.591 431	18	9.627 325	21	0.372 675	9.964 106	3	025	
976	9.591 449	18	9.627 346	21	0.372 654	9.964 103	3	024	
977	9.591 467	18	9.627 367	21	0.372 633	9.964 100	3	023	
978	9.591 485	18	9.627 388	21	0.372 612	9.964 097	3	022	
979	9.591 503	18	9.627 409	21	0.372 591	9.964 094	4	021	
.980	9.591 521	18	9.627 430	21	0.372 570	9.964 090	3	.020	
981	9.591 539	17	9.627 451	21	0.372 549	9.964 087	3	019	
982	9.591 556	18	9.627 472	22	0.372 528	9.964 084	3	018	
983	9.591 574	18	9.627 494	21	0.372 506	9.964 081	3	017	
984	9.591 592	18	9.627 515	21	0.372 485	9.964 078	4	016	
985	9.591 610	18	9.627 536	21	0.372 464	9.964 074	3	015	
986	9.591 628	18	9.627 557	21	0.372 443	9.964 071	3	014	
987	9.591 646	18	9.627 578	21	0.372 422	9.964 068	3	013	
988	9.591 664	18	9.627 599	21	0.372 401	9.964 065	4	012	
989	9.591 682	17	9.627 620	21	0.372 380	9.964 061	3	011	
.990	9.591 699	18	9.627 641	21	0.372 359	9.964 058	3	.010	
991	9.591 717	18	9.627 662	21	0.372 338	9.964 055	3	009	
992	9.591 735	18	9.627 683	21	0.372 317	9.964 052	3	008	
993	9.591 753	18	9.627 704	21	0.372 296	9.964 049	4	007	
994	9.591 771	18	9.627 725	22	0.372 275	9.964 045	3	006	
995	9.591 789	18	9.627 747	21	0.372 253	9.964 042	3	005	
996	9.591 807	17	9.627 768	21	0.372 232	9.964 039	3	004	
997	9.591 824	18	9.627 789	21	0.372 211	9.964 036	3	003	
998	9.591 842	18	9.627 810	21	0.372 190	9.964 033	4	002	
999	9.591 860	18	9.627 831	21	0.372 169	9.964 029	3	001	
*.000	9.591 878		9.627 852		0.372 148	9.964 026		.000	
	cos	d	cotg	d	tang	sin	d	67°	P.P.

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67°.050 — 67°.000

23°.000 — 23°.050

23°	sin	d	tang	d	cotg	cos	d		P.P.
.000	9.591 878	18	9.627 852	21	0.372 148	9.964 026	3	*000	
001	9.591 896	18	9.627 873	21	0.372 127	9.964 023	3	999	
002	9.591 914	18	9.627 894	21	0.372 106	9.964 020	4	998	
003	9.591 932	17	9.627 915	21	0.372 085	9.964 016	3	997	
004	9.591 949	18	9.627 936	21	0.372 064	9.964 013	3	996	
005	9.591 967	18	9.627 957	21	0.372 043	9.964 010	3	995	
006	9.591 985	18	9.627 978	21	0.372 022	9.964 007	3	994	
007	9.592 003	18	9.627 999	22	0.372 001	9.964 004	4	993	
008	9.592 021	18	9.628 021	21	0.371 979	9.964 000	3	992	
009	9.592 039	18	9.628 042	21	0.371 958	9.963 997	3	991	
.010	9.592 057	17	9.628 063	21	0.371 937	9.963 994	3	.990	
011	9.592 074	18	9.628 084	21	0.371 916	9.963 991	4	989	
012	9.592 092	18	9.628 105	21	0.371 895	9.963 987	3	988	
013	9.592 110	18	9.628 126	21	0.371 874	9.963 984	3	987	
014	9.592 128	18	9.628 147	21	0.371 853	9.963 981	3	986	
015	9.592 146	18	9.628 168	21	0.371 832	9.963 978	3	985	
016	9.592 164	17	9.628 189	21	0.371 811	9.963 975	4	984	
017	9.592 181	18	9.628 210	21	0.371 790	9.963 971	3	983	
018	9.592 199	18	9.628 231	21	0.371 769	9.963 968	3	982	
019	9.592 217	18	9.628 252	21	0.371 748	9.963 965	3	981	
.020	9.592 235	18	9.628 273	21	0.371 727	9.963 962	4	.980	
021	9.592 253	18	9.628 294	21	0.371 706	9.963 958	3	979	
022	9.592 271	17	9.628 315	21	0.371 685	9.963 955	3	978	
023	9.592 288	18	9.628 336	22	0.371 664	9.963 952	3	977	
024	9.592 306	18	9.628 358	21	0.371 642	9.963 949	3	976	
025	9.592 324	18	9.628 379	21	0.371 621	9.963 946	4	975	
026	9.592 342	18	9.628 400	21	0.371 600	9.963 942	3	974	
027	9.592 360	18	9.628 421	21	0.371 579	9.963 939	3	973	
028	9.592 378	18	9.628 442	21	0.371 558	9.963 936	3	972	
029	9.592 396	17	9.628 463	21	0.371 537	9.963 933	4	971	
.030	9.592 413	18	9.628 484	21	0.371 516	9.963 929	3	.970	
031	9.592 431	18	9.628 505	21	0.371 495	9.963 926	3	969	
032	9.592 449	18	9.628 526	21	0.371 474	9.963 923	3	968	
033	9.592 467	18	9.628 547	21	0.371 453	9.963 920	3	967	
034	9.592 485	17	9.628 568	21	0.371 432	9.963 917	4	966	
035	9.592 502	18	9.628 589	21	0.371 411	9.963 913	3	965	
036	9.592 520	18	9.628 610	21	0.371 390	9.963 910	3	964	
037	9.592 538	18	9.628 631	21	0.371 369	9.963 907	3	963	
038	9.592 556	18	9.628 652	21	0.371 348	9.963 904	4	962	
039	9.592 574	18	9.628 673	21	0.371 327	9.963 900	3	961	
.040	9.592 592	17	9.628 694	21	0.371 306	9.963 897	3	.960	
041	9.592 609	18	9.628 715	21	0.371 285	9.963 894	3	959	
042	9.592 627	18	9.628 736	21	0.371 264	9.963 891	3	958	
043	9.592 645	18	9.628 757	22	0.371 243	9.963 888	4	957	
044	9.592 663	18	9.628 779	21	0.371 221	9.963 884	3	956	
045	9.592 681	18	9.628 800	21	0.371 200	9.963 881	3	955	
046	9.592 699	17	9.628 821	21	0.371 179	9.963 878	3	954	
047	9.592 716	18	9.628 842	21	0.371 158	9.963 875	4	953	
048	9.592 734	18	9.628 863	21	0.371 137	9.963 871	3	952	
049	9.592 752	18	9.628 884	21	0.371 116	9.963 868	3	951	
.050	9.592 770		9.628 905		0.371 095	9.963 865		.950	
	cos	d	cotg	d	tang	sin	d	66°	P.P.

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67°.000 — 66°.950

23°.050 — 23°.100

23°	sin	d	tang	d	cotg	cos	d		P.P.
.050	9.592 770	18	9.628 905	21	0.371 095	9.963 865	3	.950	
051	9.592 788	17	9.628 926	21	0.371 074	9.963 862	3	949	
052	9.592 805	18	9.628 947	21	0.371 053	9.963 859	4	948	
053	9.592 823	18	9.628 968	21	0.371 032	9.963 855	3	947	
054	9.592 841	18	9.628 989	21	0.371 011	9.963 852	3	946	
055	9.592 859	18	9.629 010	21	0.370 990	9.963 849	3	945	
056	9.592 877	17	9.629 031	21	0.370 969	9.963 846	4	944	
057	9.592 894	18	9.629 052	21	0.370 948	9.963 842	3	943	
058	9.592 912	18	9.629 073	21	0.370 927	9.963 839	3	942	
059	9.592 930	18	9.629 094	21	0.370 906	9.963 836	3	941	
.060	9.592 948	18	9.629 115	21	0.370 885	9.963 833	3	.940	
061	9.592 966	17	9.629 136	21	0.370 864	9.963 830	4	939	
062	9.592 983	18	9.629 157	21	0.370 843	9.963 826	3	938	
063	9.593 001	18	9.629 178	21	0.370 822	9.963 823	3	937	
064	9.593 019	18	9.629 199	21	0.370 801	9.963 820	3	936	
065	9.593 037	18	9.629 220	21	0.370 780	9.963 817	4	935	
066	9.593 055	17	9.629 241	21	0.370 759	9.963 813	3	934	
067	9.593 072	18	9.629 262	21	0.370 738	9.963 810	3	933	
068	9.593 090	18	9.629 283	21	0.370 717	9.963 807	3	932	
069	9.593 108	18	9.629 304	21	0.370 696	9.963 804	4	931	
.070	9.593 126	18	9.629 325	21	0.370 675	9.963 800	3	.930	
071	9.593 144	17	9.629 346	21	0.370 654	9.963 797	3	929	
072	9.593 161	18	9.629 367	21	0.370 633	9.963 794	3	928	
073	9.593 179	18	9.629 388	22	0.370 612	9.963 791	3	927	
074	9.593 197	18	9.629 410	21	0.370 590	9.963 788	4	926	
075	9.593 215	18	9.629 431	21	0.370 569	9.963 784	3	925	
076	9.593 233	17	9.629 452	21	0.370 548	9.963 781	3	924	
077	9.593 250	18	9.629 473	21	0.370 527	9.963 778	3	923	
078	9.593 268	18	9.629 494	21	0.370 506	9.963 775	4	922	
079	9.593 286	18	9.629 515	21	0.370 485	9.963 771	3	921	
.080	9.593 304	18	9.629 536	21	0.370 464	9.963 768	3	.920	
081	9.593 322	17	9.629 557	21	0.370 443	9.963 765	3	919	
082	9.593 339	18	9.629 578	21	0.370 422	9.963 762	4	918	
083	9.593 357	18	9.629 599	21	0.370 401	9.963 758	3	917	
084	9.593 375	18	9.629 620	21	0.370 380	9.963 755	3	916	
085	9.593 393	18	9.629 641	21	0.370 359	9.963 752	3	915	
086	9.593 411	17	9.629 662	21	0.370 338	9.963 749	3	914	
087	9.593 428	18	9.629 683	21	0.370 317	9.963 746	4	913	
088	9.593 446	18	9.629 704	21	0.370 296	9.963 742	3	912	
089	9.593 464	18	9.629 725	21	0.370 275	9.963 739	3	911	
.090	9.593 482	17	9.629 746	21	0.370 254	9.963 736	3	.910	
091	9.593 499	18	9.629 767	21	0.370 233	9.963 733	4	909	
092	9.593 517	18	9.629 788	21	0.370 212	9.963 729	3	908	
093	9.593 535	18	9.629 809	21	0.370 191	9.963 726	3	907	
094	9.593 553	18	9.629 830	21	0.370 170	9.963 723	3	906	
095	9.593 571	17	9.629 851	21	0.370 149	9.963 720	4	905	
096	9.593 588	18	9.629 872	21	0.370 128	9.963 716	3	904	
097	9.593 606	18	9.629 893	21	0.370 107	9.963 713	3	903	
098	9.593 624	18	9.629 914	21	0.370 086	9.963 710	3	902	
099	9.593 642	17	9.629 935	21	0.370 065	9.963 707	3	901	
.100	9.593 659		9.629 956		0.370 044	9.963 704		.900	
	cos	d	cotg	d	tang	sin	d	66°	P.P.

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66°.950 — 66°.900

23°.100 — 23°.150

23°	sin	d	tang	d	cotg	cos	d		P.P.
.100	9.593 659	18	9.629 956	21	0.370 044	9.963 704	4	.900	
101	9.593 677	18	9.629 977	21	0.370 023	9.963 700	3	899	
102	9.593 695	18	9.629 998	21	0.370 002	9.963 697	3	898	
103	9.593 713	17	9.630 019	21	0.369 981	9.963 694	3	897	
104	9.593 730	18	9.630 040	21	0.369 960	9.963 691	4	896	
105	9.593 748	18	9.630 061	21	0.369 939	9.963 687	3	895	
106	9.593 766	18	9.630 082	21	0.369 918	9.963 684	3	894	
107	9.593 784	18	9.630 103	21	0.369 897	9.963 681	3	893	
108	9.593 802	17	9.630 124	21	0.369 876	9.963 678	4	892	
109	9.593 819	18	9.630 145	21	0.369 855	9.963 674	3	891	
.110	9.593 837	18	9.630 166	21	0.369 834	9.963 671	3	.890	
111	9.593 855	18	9.630 187	21	0.369 813	9.963 668	3	889	
112	9.593 873	17	9.630 208	21	0.369 792	9.963 665	3	888	
113	9.593 890	18	9.630 229	21	0.369 771	9.963 662	4	887	
114	9.593 908	18	9.630 250	21	0.369 750	9.963 658	3	886	
115	9.593 926	18	9.630 271	21	0.369 729	9.963 655	3	885	
116	9.593 944	17	9.630 292	21	0.369 708	9.963 652	3	884	
117	9.593 961	18	9.630 313	21	0.369 687	9.963 649	4	883	
118	9.593 979	18	9.630 334	21	0.369 666	9.963 645	3	882	
119	9.593 997	18	9.630 355	21	0.369 645	9.963 642	3	881	
.120	9.594 015	17	9.630 376	21	0.369 624	9.963 639	3	.880	
121	9.594 032	18	9.630 397	21	0.369 603	9.963 636	4	879	
122	9.594 050	18	9.630 418	21	0.369 582	9.963 632	3	878	
123	9.594 068	18	9.630 439	21	0.369 561	9.963 629	3	877	
124	9.594 086	17	9.630 460	21	0.369 540	9.963 626	3	876	
125	9.594 103	18	9.630 481	21	0.369 519	9.963 623	4	875	
126	9.594 121	18	9.630 502	21	0.369 498	9.963 619	3	874	
127	9.594 139	18	9.630 523	21	0.369 477	9.963 616	3	873	
128	9.594 157	17	9.630 544	21	0.369 456	9.963 613	3	872	
129	9.594 174	18	9.630 565	21	0.369 435	9.963 610	4	871	
.130	9.594 192	18	9.630 586	21	0.369 414	9.963 606	3	.870	
131	9.594 210	18	9.630 607	21	0.369 393	9.963 603	3	869	
132	9.594 228	17	9.630 628	21	0.369 372	9.963 600	3	868	
133	9.594 245	18	9.630 649	21	0.369 351	9.963 597	3	867	
134	9.594 263	18	9.630 670	21	0.369 330	9.963 594	4	866	
135	9.594 281	18	9.630 691	21	0.369 309	9.963 590	3	865	
136	9.594 299	17	9.630 712	21	0.369 288	9.963 587	3	864	
137	9.594 316	18	9.630 733	20	0.369 267	9.963 584	3	863	
138	9.594 334	18	9.630 753	21	0.369 247	9.963 581	4	862	
139	9.594 352	18	9.630 774	21	0.369 226	9.963 577	3	861	
.140	9.594 370	17	9.630 795	21	0.369 205	9.963 574	3	.860	
141	9.594 387	18	9.630 816	21	0.369 184	9.963 571	3	859	
142	9.594 405	18	9.630 837	21	0.369 163	9.963 568	4	858	
143	9.594 423	17	9.630 858	21	0.369 142	9.963 564	3	857	
144	9.594 440	18	9.630 879	21	0.369 121	9.963 561	3	856	
145	9.594 458	18	9.630 900	21	0.369 100	9.963 558	3	855	
146	9.594 476	18	9.630 921	21	0.369 079	9.963 555	4	854	
147	9.594 494	17	9.630 942	21	0.369 058	9.963 551	3	853	
148	9.594 511	18	9.630 963	21	0.369 037	9.963 548	3	852	
149	9.594 529	18	9.630 984	21	0.369 016	9.963 545	3	851	
.150	9.594 547		9.631 005		0.368 995	9.963 542		.850	
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66°.900 — 66°.850

23°.150 — 23°.200

23°	sin	d	tang	d	cotg	cos	d		P.P.
.150	9.594 547	18	9.631 005	21	0.368 995	9.963 542	4	.850	
151	9.594 565	17	9.631 026	21	0.368 974	9.963 538	3	849	
152	9.594 582	18	9.631 047	21	0.368 953	9.963 535	3	848	
153	9.594 600	18	9.631 068	21	0.368 932	9.963 532	3	847	
154	9.594 618	17	9.631 089	21	0.368 911	9.963 529	4	846	
155	9.594 635	18	9.631 110	21	0.368 890	9.963 525	3	845	
156	9.594 653	18	9.631 131	21	0.368 869	9.963 522	3	844	
157	9.594 671	18	9.631 152	21	0.368 848	9.963 519	3	843	
158	9.594 689	17	9.631 173	21	0.368 827	9.963 516	3	842	
159	9.594 706	18	9.631 194	21	0.368 806	9.963 513	3	841	
.160	9.594 724	18	9.631 215	21	0.368 785	9.963 509	4	.840	
161	9.594 742	18	9.631 236	21	0.368 764	9.963 506	3	839	
162	9.594 760	17	9.631 257	21	0.368 743	9.963 503	3	838	
163	9.594 777	18	9.631 278	21	0.368 722	9.963 500	3	837	
164	9.594 795	18	9.631 299	21	0.368 701	9.963 496	4	836	
165	9.594 813	17	9.631 320	21	0.368 680	9.963 493	3	835	
166	9.594 830	18	9.631 341	21	0.368 659	9.963 490	3	834	
167	9.594 848	18	9.631 362	21	0.368 638	9.963 487	3	833	
168	9.594 866	18	9.631 382	20	0.368 618	9.963 483	4	832	
169	9.594 884	17	9.631 403	21	0.368 597	9.963 480	3	831	
.170	9.594 901	18	9.631 424	21	0.368 576	9.963 477	3	.830	
171	9.594 919	18	9.631 445	21	0.368 555	9.963 474	3	829	
172	9.594 937	17	9.631 466	21	0.368 534	9.963 470	4	828	
173	9.594 954	18	9.631 487	21	0.368 513	9.963 467	3	827	
174	9.594 972	18	9.631 508	21	0.368 492	9.963 464	3	826	
175	9.594 990	17	9.631 529	21	0.368 471	9.963 461	3	825	
176	9.595 007	18	9.631 550	21	0.368 450	9.963 457	4	824	
177	9.595 025	18	9.631 571	21	0.368 429	9.963 454	3	823	
178	9.595 043	18	9.631 592	21	0.368 408	9.963 451	3	822	
179	9.595 061	17	9.631 613	21	0.368 387	9.963 448	3	821	
.180	9.595 078	18	9.631 634	21	0.368 366	9.963 444	4	.820	
181	9.595 096	18	9.631 655	21	0.368 345	9.963 441	3	819	
182	9.595 114	17	9.631 676	21	0.368 324	9.963 438	3	818	
183	9.595 131	18	9.631 697	21	0.368 303	9.963 435	3	817	
184	9.595 149	18	9.631 718	21	0.368 282	9.963 431	4	816	
185	9.595 167	18	9.631 739	21	0.368 261	9.963 428	3	815	
186	9.595 185	17	9.631 760	21	0.368 240	9.963 425	3	814	
187	9.595 202	18	9.631 781	21	0.368 219	9.963 422	3	813	
188	9.595 220	18	9.631 801	20	0.368 199	9.963 418	4	812	
189	9.595 238	17	9.631 822	21	0.368 178	9.963 415	3	811	
.190	9.595 255	18	9.631 843	21	0.368 157	9.963 412	3	.810	
191	9.595 273	18	9.631 864	21	0.368 136	9.963 409	3	809	
192	9.595 291	17	9.631 885	21	0.368 115	9.963 405	4	808	
193	9.595 308	18	9.631 906	21	0.368 094	9.963 402	3	807	
194	9.595 326	18	9.631 927	21	0.368 073	9.963 399	3	806	
195	9.595 344	17	9.631 948	21	0.368 052	9.963 396	3	805	
196	9.595 361	18	9.631 969	21	0.368 031	9.963 392	4	804	
197	9.595 379	18	9.631 990	21	0.368 010	9.963 389	3	803	
198	9.595 397	18	9.632 011	21	0.367 989	9.963 386	3	802	
199	9.595 415	17	9.632 032	21	0.367 968	9.963 383	3	801	
.200	9.595 432		9.632 053		0.367 947	9.963 379	4	.800	
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66°.850 — 66°.800

23°.200 — 23°.250

23°	sin	d	tang	d	cotg	cos	d		P.P.
.200	9.595 432	18	9.632 053	21	0.367 947	9.963 379	3	.800	
201	9.595 450	18	9.632 074	21	0.367 926	9.963 376	3	799	
202	9.595 468	17	9.632 095	21	0.367 905	9.963 373	3	798	
203	9.595 485	18	9.632 116	20	0.367 884	9.963 370	4	797	
204	9.595 503	18	9.632 136	21	0.367 864	9.963 366	3	796	
205	9.595 521	17	9.632 157	21	0.367 843	9.963 363	3	795	
206	9.595 538	18	9.632 178	21	0.367 822	9.963 360	3	794	
207	9.595 556	18	9.632 199	21	0.367 801	9.963 357	4	793	
208	9.595 574	17	9.632 220	21	0.367 780	9.963 353	3	792	
209	9.595 591	18	9.632 241	21	0.367 759	9.963 350	3	791	
.210	9.595 609	18	9.632 262	21	0.367 738	9.963 347	3	.790	
211	9.595 627	17	9.632 283	21	0.367 717	9.963 344	4	789	
212	9.595 644	18	9.632 304	21	0.367 696	9.963 340	3	788	
213	9.595 662	18	9.632 325	21	0.367 675	9.963 337	3	787	
214	9.595 680	17	9.632 346	21	0.367 654	9.963 334	3	786	
215	9.595 697	18	9.632 367	21	0.367 633	9.963 331	4	785	
216	9.595 715	18	9.632 388	20	0.367 612	9.963 327	3	784	
217	9.595 733	17	9.632 408	21	0.367 592	9.963 324	3	783	
218	9.595 750	18	9.632 429	21	0.367 571	9.963 321	3	782	
219	9.595 768	18	9.632 450	21	0.367 550	9.963 318	4	781	
.220	9.595 786	17	9.632 471	21	0.367 529	9.963 314	3	.780	
221	9.595 803	18	9.632 492	21	0.367 508	9.963 311	3	779	
222	9.595 821	18	9.632 513	21	0.367 487	9.963 308	3	778	
223	9.595 839	17	9.632 534	21	0.367 466	9.963 305	4	777	
224	9.595 856	18	9.632 555	21	0.367 445	9.963 301	3	776	
225	9.595 874	18	9.632 576	21	0.367 424	9.963 298	3	775	
226	9.595 892	17	9.632 597	21	0.367 403	9.963 295	3	774	
227	9.595 909	18	9.632 618	21	0.367 382	9.963 292	4	773	
228	9.595 927	18	9.632 639	21	0.367 361	9.963 288	3	772	
229	9.595 945	17	9.632 660	20	0.367 340	9.963 285	3	771	
.230	9.595 962	18	9.632 680	21	0.367 320	9.963 282	3	.770	
231	9.595 980	18	9.632 701	21	0.367 299	9.963 279	4	769	
232	9.595 998	17	9.632 722	21	0.367 278	9.963 275	3	768	
233	9.596 015	18	9.632 743	21	0.367 257	9.963 272	3	767	
234	9.596 033	18	9.632 764	21	0.367 236	9.963 269	3	766	
235	9.596 051	17	9.632 785	21	0.367 215	9.963 266	4	765	
236	9.596 068	18	9.632 806	21	0.367 194	9.963 262	3	764	
237	9.596 086	18	9.632 827	21	0.367 173	9.963 259	3	763	
238	9.596 104	17	9.632 848	21	0.367 152	9.963 256	3	762	
239	9.596 121	18	9.632 869	21	0.367 131	9.963 253	4	761	
.240	9.596 139	18	9.632 890	20	0.367 110	9.963 249	3	.760	
241	9.596 157	17	9.632 910	21	0.367 090	9.963 246	3	759	
242	9.596 174	18	9.632 931	21	0.367 069	9.963 243	3	758	
243	9.596 192	18	9.632 952	21	0.367 048	9.963 240	4	757	
244	9.596 210	17	9.632 973	21	0.367 027	9.963 236	3	756	
245	9.596 227	18	9.632 994	21	0.367 006	9.963 233	3	755	
246	9.596 245	17	9.633 015	21	0.366 985	9.963 230	3	754	
247	9.596 262	18	9.633 036	21	0.366 964	9.963 227	4	753	
248	9.596 280	18	9.633 057	21	0.366 943	9.963 223	3	752	
249	9.596 298	17	9.633 078	21	0.366 922	9.963 220	3	751	
.250	9.596 315		9.633 099		0.366 901	9.963 217		.750	
	cos	d	cotg	d	tang	sin	d	66°	P.P.

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	18
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5	9.0
6	10.8
7	12.6
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9	16.2

	17
1	1.7
2	3.4
3	5.1
4	6.8
5	8.5
6	10.2
7	11.9
8	13.6
9	15.3

66°.800 — 66°.750

23°.250 — 23°.300

23°	sin	d	tang	d	cotg	cos	d		P.P.
.250	9.596 315	18	9.633 099	20	0.366 901	9.963 217	3	.750	
251	9.596 333	18	9.633 119	21	0.366 881	9.963 214	4	749	
252	9.596 351	17	9.633 140	21	0.366 860	9.963 210	3	748	
253	9.596 368	18	9.633 161	21	0.366 839	9.963 207	3	747	
254	9.596 386	18	9.633 182	21	0.366 818	9.963 204	3	746	
255	9.596 404	17	9.633 203	21	0.366 797	9.963 201	4	745	
256	9.596 421	18	9.633 224	21	0.366 776	9.963 197	3	744	
257	9.596 439	17	9.633 245	21	0.366 755	9.963 194	3	743	
258	9.596 456	18	9.633 266	21	0.366 734	9.963 191	3	742	
259	9.596 474	18	9.633 287	21	0.366 713	9.963 188	4	741	
.260	9.596 492	17	9.633 308	20	0.366 692	9.963 184	3	.740	
261	9.596 509	18	9.633 328	21	0.366 672	9.963 181	3	739	
262	9.596 527	18	9.633 349	21	0.366 651	9.963 178	4	738	
263	9.596 545	17	9.633 370	21	0.366 630	9.963 174	3	737	
264	9.596 562	18	9.633 391	21	0.366 609	9.963 171	3	736	
265	9.596 580	18	9.633 412	21	0.366 588	9.963 168	3	735	
266	9.596 598	17	9.633 433	21	0.366 567	9.963 165	4	734	
267	9.596 615	18	9.633 454	21	0.366 546	9.963 161	3	733	
268	9.596 633	17	9.633 475	21	0.366 525	9.963 158	3	732	
269	9.596 650	18	9.633 496	20	0.366 504	9.963 155	3	731	
.270	9.596 668	18	9.633 516	21	0.366 484	9.963 152	4	.730	
271	9.596 686	17	9.633 537	21	0.366 463	9.963 148	3	729	
272	9.596 703	18	9.633 558	21	0.366 442	9.963 145	3	728	
273	9.596 721	18	9.633 579	21	0.366 421	9.963 142	3	727	
274	9.596 739	17	9.633 600	21	0.366 400	9.963 139	4	726	
275	9.596 756	18	9.633 621	21	0.366 379	9.963 135	3	725	
276	9.596 774	17	9.633 642	21	0.366 358	9.963 132	3	724	
277	9.596 791	18	9.633 663	20	0.366 337	9.963 129	3	723	
278	9.596 809	18	9.633 683	21	0.366 317	9.963 126	4	722	
279	9.596 827	17	9.633 704	21	0.366 296	9.963 122	3	721	
.280	9.596 844	18	9.633 725	21	0.366 275	9.963 119	3	.720	
281	9.596 862	18	9.633 746	21	0.366 254	9.963 116	3	719	
282	9.596 880	17	9.633 767	21	0.366 233	9.963 113	4	718	
283	9.596 897	18	9.633 788	21	0.366 212	9.963 109	3	717	
284	9.596 915	17	9.633 809	21	0.366 191	9.963 106	3	716	
285	9.596 932	18	9.633 830	20	0.366 170	9.963 103	4	715	
286	9.596 950	18	9.633 850	21	0.366 150	9.963 099	3	714	
287	9.596 968	17	9.633 871	21	0.366 129	9.963 096	3	713	
288	9.596 985	18	9.633 892	21	0.366 108	9.963 093	3	712	
289	9.597 003	17	9.633 913	21	0.366 087	9.963 090	4	711	
.290	9.597 020	18	9.633 934	21	0.366 066	9.963 086	3	.710	
291	9.597 038	18	9.633 955	21	0.366 045	9.963 083	3	709	
292	9.597 056	17	9.633 976	21	0.366 024	9.963 080	3	708	
293	9.597 073	18	9.633 997	20	0.366 003	9.963 077	4	707	
294	9.597 091	17	9.634 017	21	0.365 983	9.963 073	3	706	
295	9.597 108	18	9.634 038	21	0.365 962	9.963 070	3	705	
296	9.597 126	18	9.634 059	21	0.365 941	9.963 067	3	704	
297	9.597 144	17	9.634 080	21	0.365 920	9.963 064	4	703	
298	9.597 161	18	9.634 101	21	0.365 899	9.963 060	3	702	
299	9.597 179	17	9.634 122	21	0.365 878	9.963 057	3	701	
.300	9.597 196		9.634 143		0.365 857	9.963 054		.700	
	cos	d	cotg	d	tang	sin	d	66°	P.P.

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9	16.2

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3	5.1
4	6.8
5	8.5
6	10.2
7	11.9
8	13.6
9	15.3

66°.750 — 66°.700

23°.300 — 23°.350

23°	sin	d	tang	d	cotg	cos	d		P.P.
.300	9.597 196	18	9.634 143	21	0.365 857	9.963 054	3	.700	
301	9.597 214	18	9.634 164	20	0.365 836	9.963 051	4	699	
302	9.597 232	17	9.634 184	21	0.365 816	9.963 047	3	698	
303	9.597 249	18	9.634 205	21	0.365 795	9.963 044	3	697	
304	9.597 267	17	9.634 226	21	0.365 774	9.963 041	4	696	21
305	9.597 284	18	9.634 247	21	0.365 753	9.963 037	3	695	1 2.1
306	9.597 302	18	9.634 268	21	0.365 732	9.963 034	3	694	2 4.2
307	9.597 320	17	9.634 289	21	0.365 711	9.963 031	3	693	3 6.3
308	9.597 337	18	9.634 310	20	0.365 690	9.963 028	4	692	4 8.4
309	9.597 355	17	9.634 330	21	0.365 670	9.963 024	3	691	5 10.5
.310	9.597 372	18	9.634 351	21	0.365 649	9.963 021	3	.690	6 12.6
311	9.597 390	18	9.634 372	21	0.365 628	9.963 018	3	689	7 14.7
312	9.597 408	17	9.634 393	21	0.365 607	9.963 015	3	688	8 16.8
313	9.597 425	18	9.634 414	21	0.365 586	9.963 011	4	687	9 18.9
314	9.597 443	17	9.634 435	21	0.365 565	9.963 008	3	686	
315	9.597 460	18	9.634 456	20	0.365 544	9.963 005	3	685	20
316	9.597 478	18	9.634 476	21	0.365 524	9.963 002	3	684	1 2.0
317	9.597 496	17	9.634 497	21	0.365 503	9.962 998	4	683	2 4.0
318	9.597 513	18	9.634 518	21	0.365 482	9.962 995	3	682	3 6.0
319	9.597 531	17	9.634 539	21	0.365 461	9.962 992	3	681	4 8.0
.320	9.597 548	18	9.634 560	21	0.365 440	9.962 988	4	.680	5 10.0
321	9.597 566	17	9.634 581	21	0.365 419	9.962 985	3	679	6 12.0
322	9.597 583	18	9.634 601	20	0.365 399	9.962 982	3	678	7 14.0
323	9.597 601	18	9.634 622	21	0.365 378	9.962 979	3	677	8 16.0
324	9.597 619	17	9.634 643	21	0.365 357	9.962 975	4	676	9 18.0
325	9.597 636	18	9.634 664	21	0.365 336	9.962 972	3	675	
326	9.597 654	17	9.634 685	21	0.365 315	9.962 969	3	674	
327	9.597 671	18	9.634 706	21	0.365 294	9.962 966	3	673	18
328	9.597 689	18	9.634 727	21	0.365 273	9.962 962	4	672	1 1.8
329	9.597 707	17	9.634 747	20	0.365 253	9.962 959	3	671	2 3.6
.330	9.597 724	18	9.634 768	21	0.365 232	9.962 956	3	.670	3 5.4
331	9.597 742	17	9.634 789	21	0.365 211	9.962 953	3	669	4 7.2
332	9.597 759	18	9.634 810	21	0.365 190	9.962 949	4	668	5 9.0
333	9.597 777	17	9.634 831	21	0.365 169	9.962 946	3	667	6 10.8
334	9.597 794	18	9.634 852	20	0.365 148	9.962 943	3	666	7 12.6
335	9.597 812	18	9.634 872	21	0.365 128	9.962 939	4	665	8 14.4
336	9.597 830	17	9.634 893	21	0.365 107	9.962 936	3	664	9 16.2
337	9.597 847	18	9.634 914	21	0.365 086	9.962 933	3	663	
338	9.597 865	17	9.634 935	21	0.365 065	9.962 930	3	662	
339	9.597 882	18	9.634 956	21	0.365 044	9.962 926	4	661	17
.340	9.597 900	17	9.634 977	21	0.365 023	9.962 923	3	.660	1 1.7
341	9.597 917	18	9.634 998	20	0.365 002	9.962 920	3	659	2 3.4
342	9.597 935	17	9.635 018	21	0.364 982	9.962 917	3	658	3 5.1
343	9.597 952	18	9.635 039	21	0.364 961	9.962 913	4	657	4 6.8
344	9.597 970	18	9.635 060	21	0.364 940	9.962 910	3	656	5 8.5
345	9.597 988	17	9.635 081	21	0.364 919	9.962 907	3	655	6 10.2
346	9.598 005	18	9.635 102	21	0.364 898	9.962 903	4	654	7 11.9
347	9.598 023	17	9.635 123	20	0.364 877	9.962 900	3	653	8 13.6
348	9.598 040	18	9.635 143	21	0.364 857	9.962 897	3	652	9 15.3
349	9.598 058	17	9.635 164	21	0.364 836	9.962 894	3	651	
.350	9.598 075		9.635 185		0.364 815	9.962 890	4	.650	
	cos	d	cotg	d	tang	sin	d	66°	P.P.

66°.700 — 66°.650

23°.350 — 23°.400

23°	sin	d	tang	d	cotg	cos	d		P.P.
.350	9.598 075	18	9.635 185	21	0.364 815	9.962 890	3	.650	
351	9.598 093	18	9.635 206	21	0.364 794	9.962 887	3	649	
352	9.598 111	17	9.635 227	21	0.364 773	9.962 884	3	648	
353	9.598 128	18	9.635 248	20	0.364 752	9.962 881	4	647	
354	9.598 146	17	9.635 268	21	0.364 732	9.962 877	3	646	21
355	9.598 163	18	9.635 289	21	0.364 711	9.962 874	3	645	1 2.1
356	9.598 181	17	9.635 310	21	0.364 690	9.962 871	4	644	2 4.2
357	9.598 198	18	9.635 331	21	0.364 669	9.962 867	3	643	3 6.3
358	9.598 216	17	9.635 352	20	0.364 648	9.962 864	3	642	4 8.4
359	9.598 233	18	9.635 372	21	0.364 628	9.962 861	3	641	5 10.5
.360	9.598 251	17	9.635 393	21	0.364 607	9.962 858	4	.640	6 12.6
361	9.598 268	18	9.635 414	21	0.364 586	9.962 854	3	639	7 14.7
362	9.598 286	18	9.635 435	21	0.364 565	9.962 851	3	638	8 16.8
363	9.598 304	17	9.635 456	21	0.364 544	9.962 848	3	637	9 18.9
364	9.598 321	18	9.635 477	20	0.364 523	9.962 845	4	636	
365	9.598 339	17	9.635 497	21	0.364 503	9.962 841	3	635	20
366	9.598 356	18	9.635 518	21	0.364 482	9.962 838	3	634	1 2.0
367	9.598 374	17	9.635 539	21	0.364 461	9.962 835	4	633	2 4.0
368	9.598 391	18	9.635 560	21	0.364 440	9.962 831	3	632	3 6.0
369	9.598 409	17	9.635 581	20	0.364 419	9.962 828	3	631	4 8.0
.370	9.598 426	18	9.635 601	21	0.364 399	9.962 825	3	.630	5 10.0
371	9.598 444	17	9.635 622	21	0.364 378	9.962 822	4	629	6 12.0
372	9.598 461	18	9.635 643	21	0.364 357	9.962 818	3	628	7 14.0
373	9.598 479	18	9.635 664	21	0.364 336	9.962 815	3	627	8 16.0
374	9.598 497	17	9.635 685	21	0.364 315	9.962 812	3	626	9 18.0
375	9.598 514	18	9.635 706	20	0.364 294	9.962 809	4	625	
376	9.598 532	17	9.635 726	21	0.364 274	9.962 805	3	624	
377	9.598 549	18	9.635 747	21	0.364 253	9.962 802	3	623	18
378	9.598 567	17	9.635 768	21	0.364 232	9.962 799	4	622	1 1.8
379	9.598 584	18	9.635 789	21	0.364 211	9.962 795	3	621	2 3.6
.380	9.598 602	17	9.635 810	20	0.364 190	9.962 792	3	.620	3 5.4
381	9.598 619	18	9.635 830	21	0.364 170	9.962 789	3	619	4 7.2
382	9.598 637	17	9.635 851	21	0.364 149	9.962 786	4	618	5 9.0
383	9.598 654	18	9.635 872	21	0.364 128	9.962 782	3	617	6 10.8
384	9.598 672	17	9.635 893	21	0.364 107	9.962 779	3	616	7 12.6
385	9.598 689	18	9.635 914	20	0.364 086	9.962 776	4	615	8 14.4
386	9.598 707	17	9.635 934	21	0.364 066	9.962 772	3	614	9 16.2
387	9.598 724	18	9.635 955	21	0.364 045	9.962 769	3	613	
388	9.598 742	18	9.635 976	21	0.364 024	9.962 766	3	612	
389	9.598 760	17	9.635 997	21	0.364 003	9.962 763	4	611	17
.390	9.598 777	18	9.636 018	20	0.363 982	9.962 759	3	.610	1 1.7
391	9.598 795	17	9.636 038	21	0.363 962	9.962 756	3	609	2 3.4
392	9.598 812	18	9.636 059	21	0.363 941	9.962 753	3	608	3 5.1
393	9.598 830	17	9.636 080	21	0.363 920	9.962 750	4	607	4 6.8
394	9.598 847	18	9.636 101	21	0.363 899	9.962 746	3	606	5 8.5
395	9.598 865	17	9.636 122	20	0.363 878	9.962 743	3	605	6 10.2
396	9.598 882	18	9.636 142	21	0.363 858	9.962 740	4	604	7 11.9
397	9.598 900	17	9.636 163	21	0.363 837	9.962 736	3	603	8 13.6
398	9.598 917	18	9.636 184	21	0.363 816	9.962 733	3	602	9 15.3
399	9.598 935	17	9.636 205	21	0.363 795	9.962 730	3	601	
.400	9.598 952		9.636 226		0.363 774	9.962 727		.600	
	cos	d	cotg	d	tang	sin	d	66°	P.P.

66°.650 — 66°.600

23°.400 — 23°.450

23°	sin	d	tang	d	cotg	cos	d		P.P.
.400	9.598 952	18	9.636 226	20	0.363 774	9.962 727	4	.600	
401	9.598 970	17	9.636 246	21	0.363 754	9.962 723	3	599	
402	9.598 987	18	9.636 267	21	0.363 733	9.962 720	3	598	
403	9.599 005	17	9.636 288	21	0.363 712	9.962 717	4	597	
404	9.599 022	18	9.636 309	21	0.363 691	9.962 713	3	596	
405	9.599 040	17	9.636 330	20	0.363 670	9.962 710	3	595	
406	9.599 057	18	9.636 350	21	0.363 650	9.962 707	3	594	
407	9.599 075	17	9.636 371	21	0.363 629	9.962 704	4	593	
408	9.599 092	18	9.636 392	21	0.363 608	9.962 700	3	592	
409	9.599 110	17	9.636 413	21	0.363 587	9.962 697	3	591	
.410	9.599 127	18	9.636 434	20	0.363 566	9.962 694	4	.590	
411	9.599 145	17	9.636 454	21	0.363 546	9.962 690	3	589	
412	9.599 162	18	9.636 475	21	0.363 525	9.962 687	3	588	
413	9.599 180	17	9.636 496	21	0.363 504	9.962 684	3	587	
414	9.599 197	18	9.636 517	21	0.363 483	9.962 681	4	586	
415	9.599 215	17	9.636 538	20	0.363 462	9.962 677	3	585	
416	9.599 232	18	9.636 558	21	0.363 442	9.962 674	3	584	
417	9.599 250	17	9.636 579	21	0.363 421	9.962 671	3	583	
418	9.599 267	18	9.636 600	21	0.363 400	9.962 668	4	582	
419	9.599 285	17	9.636 621	20	0.363 379	9.962 664	3	581	
.420	9.599 302	18	9.636 641	21	0.363 359	9.962 661	3	.580	
421	9.599 320	17	9.636 662	21	0.363 338	9.962 658	4	579	
422	9.599 337	18	9.636 683	21	0.363 317	9.962 654	3	578	
423	9.599 355	17	9.636 704	21	0.363 296	9.962 651	3	577	
424	9.599 372	18	9.636 725	20	0.363 275	9.962 648	3	576	
425	9.599 390	17	9.636 745	21	0.363 255	9.962 645	4	575	
426	9.599 407	18	9.636 766	21	0.363 234	9.962 641	3	574	
427	9.599 425	17	9.636 787	21	0.363 213	9.962 638	3	573	
428	9.599 442	18	9.636 808	20	0.363 192	9.962 635	4	572	
429	9.599 460	17	9.636 828	21	0.363 172	9.962 631	3	571	
.430	9.599 477	18	9.636 849	21	0.363 151	9.962 628	3	.570	
431	9.599 495	17	9.636 870	21	0.363 130	9.962 625	3	569	
432	9.599 512	18	9.636 891	21	0.363 109	9.962 622	4	568	
433	9.599 530	17	9.636 912	20	0.363 088	9.962 618	3	567	
434	9.599 547	18	9.636 932	21	0.363 068	9.962 615	3	566	
435	9.599 565	17	9.636 953	21	0.363 047	9.962 612	4	565	
436	9.599 582	18	9.636 974	21	0.363 026	9.962 608	3	564	
437	9.599 600	17	9.636 995	20	0.363 005	9.962 605	3	563	
438	9.599 617	18	9.637 015	21	0.362 985	9.962 602	3	562	
439	9.599 635	17	9.637 036	21	0.362 964	9.962 599	4	561	
.440	9.599 652	18	9.637 057	21	0.362 943	9.962 595	3	.560	
441	9.599 670	17	9.637 078	21	0.362 922	9.962 592	3	559	
442	9.599 687	18	9.637 099	20	0.362 901	9.962 589	4	558	
443	9.599 705	17	9.637 119	21	0.362 881	9.962 585	3	557	
444	9.599 722	18	9.637 140	21	0.362 860	9.962 582	3	556	
445	9.599 740	17	9.637 161	21	0.362 839	9.962 579	3	555	
446	9.599 757	18	9.637 182	20	0.362 818	9.962 576	4	554	
447	9.599 775	17	9.637 202	21	0.362 798	9.962 572	3	553	
448	9.599 792	18	9.637 223	21	0.362 777	9.962 569	3	552	
449	9.599 810	17	9.637 244	21	0.362 756	9.962 566	4	551	
.450	9.599 827		9.637 265		0.362 735	9.962 562		.550	
	cos	d	cotg	d	tang	sin	d	66°	P.P.

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66°.600 — 66°.550

23°.450 — 23°.500

23°	sin	d	tang	d	cotg	cos	d		P.P.
.450	9.599 827	17	9.637 265	20	0.362 735	9.962 562	3	**.550**	
451	9.599 844	18	9.637 285	21	0.362 715	9.962 559	3	549	
452	9.599 862	17	9.637 306	21	0.362 694	9.962 556	3	548	
453	9.599 879	18	9.637 327	21	0.362 673	9.962 553	4	547	
454	9.599 897	17	9.637 348	20	0.362 652	9.962 549	3	546	
455	9.599 914	18	9.637 368	21	0.362 632	9.962 546	3	545	
456	9.599 932	17	9.637 389	21	0.362 611	9.962 543	4	544	
457	9.599 949	18	9.637 410	21	0.362 590	9.962 539	3	543	
458	9.599 967	17	9.637 431	20	0.362 569	9.962 536	3	542	
459	9.599 984	18	9.637 451	21	0.362 549	9.962 533	4	541	
.460	9.600 002	17	9.637 472	21	0.362 528	9.962 529	3	**.540**	
461	9.600 019	18	9.637 493	21	0.362 507	9.962 526	3	539	
462	9.600 037	17	9.637 514	20	0.362 486	9.962 523	3	538	
463	9.600 054	18	9.637 534	21	0.362 466	9.962 520	4	537	
464	9.600 072	17	9.637 555	21	0.362 445	9.962 516	3	536	
465	9.600 089	17	9.637 576	21	0.362 424	9.962 513	3	535	
466	9.600 106	18	9.637 597	20	0.362 403	9.962 510	4	534	
467	9.600 124	17	9.637 617	21	0.362 383	9.962 506	3	533	
468	9.600 141	18	9.637 638	21	0.362 362	9.962 503	3	532	
469	9.600 159	17	9.637 659	21	0.362 341	9.962 500	3	531	
.470	9.600 176	18	9.637 680	20	0.362 320	9.962 497	4	**.530**	
471	9.600 194	17	9.637 700	21	0.362 300	9.962 493	3	529	
472	9.600 211	18	9.637 721	21	0.362 279	9.962 490	3	528	
473	9.600 229	17	9.637 742	21	0.362 258	9.962 487	4	527	
474	9.600 246	18	9.637 763	20	0.362 237	9.962 483	3	526	
475	9.600 264	17	9.637 783	21	0.362 217	9.962 480	3	525	
476	9.600 281	18	9.637 804	21	0.362 196	9.962 477	3	524	
477	9.600 299	17	9.637 825	21	0.362 175	9.962 474	4	523	
478	9.600 316	17	9.637 846	20	0.362 154	9.962 470	3	522	
479	9.600 333	18	9.637 866	21	0.362 134	9.962 467	3	521	
.480	9.600 351	17	9.637 887	21	0.362 113	9.962 464	4	**.520**	
481	9.600 368	18	9.637 908	21	0.362 092	9.962 460	3	519	
482	9.600 386	17	9.637 929	20	0.362 071	9.962 457	3	518	
483	9.600 403	18	9.637 949	21	0.362 051	9.962 454	4	517	
484	9.600 421	17	9.637 970	21	0.362 030	9.962 450	3	516	
485	9.600 438	18	9.637 991	21	0.362 009	9.962 447	3	515	
486	9.600 456	17	9.638 012	20	0.361 988	9.962 444	3	514	
487	9.600 473	17	9.638 032	21	0.361 968	9.962 441	4	513	
488	9.600 490	18	9.638 053	21	0.361 947	9.962 437	3	512	
489	9.600 508	17	9.638 074	21	0.361 926	9.962 434	3	511	
.490	9.600 525	18	9.638 095	20	0.361 905	9.962 431	4	**.510**	
491	9.600 543	17	9.638 115	21	0.361 885	9.962 427	3	509	
492	9.600 560	18	9.638 136	21	0.361 864	9.962 424	3	508	
493	9.600 578	17	9.638 157	21	0.361 843	9.962 421	3	507	
494	9.600 595	18	9.638 178	20	0.361 822	9.962 418	4	506	
495	9.600 613	17	9.638 198	21	0.361 802	9.962 414	3	505	
496	9.600 630	17	9.638 219	21	0.361 781	9.962 411	3	504	
497	9.600 647	18	9.638 240	20	0.361 760	9.962 408	4	503	
498	9.600 665	17	9.638 260	21	0.361 740	9.962 404	3	502	
499	9.600 682	18	9.638 281	21	0.361 719	9.962 401	3	501	
.500	9.600 700		9.638 302		0.361 698	9.962 398		**.500**	
	cos	d	cotg	d	tang	sin	d	66°	P.P.

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66°.550 — 66°.500

23°.500 — 23°.550

23°	sin	d	tang	d	cotg	cos	d		P.P.
.500	9.600 700	17	9.638 302	21	0.361 698	9.962 398	4	.500	
501	9.600 717	18	9.638 323	20	0.361 677	9.962 394	3	499	
502	9.600 735	17	9.638 343	21	0.361 657	9.962 391	3	498	
503	9.600 752	17	9.638 364	21	0.361 636	9.962 388	3	497	
504	9.600 769	18	9.638 385	21	0.361 615	9.962 385	4	496	
505	9.600 787	17	9.638 406	20	0.361 594	9.962 381	3	495	
506	9.600 804	18	9.638 426	21	0.361 574	9.962 378	3	494	
507	9.600 822	17	9.638 447	21	0.361 553	9.962 375	4	493	
508	9.600 839	18	9.638 468	20	0.361 532	9.962 371	3	492	
509	9.600 857	17	9.638 488	21	0.361 512	9.962 368	3	491	
.510	9.600 874	17	9.638 509	21	0.361 491	9.962 365	3	.490	
511	9.600 891	18	9.638 530	21	0.361 470	9.962 362	4	489	
512	9.600 909	17	9.638 551	20	0.361 449	9.962 358	3	488	
513	9.600 926	18	9.638 571	21	0.361 429	9.962 355	3	487	
514	9.600 944	17	9.638 592	21	0.361 408	9.962 352	4	486	
515	9.600 961	17	9.638 613	20	0.361 387	9.962 348	3	485	
516	9.600 978	18	9.638 633	21	0.361 367	9.962 345	3	484	
517	9.600 996	17	9.638 654	21	0.361 346	9.962 342	4	483	
518	9.601 013	18	9.638 675	21	0.361 325	9.962 338	3	482	
519	9.601 031	17	9.638 696	20	0.361 304	9.962 335	3	481	
.520	9.601 048	18	9.638 716	21	0.361 284	9.962 332	3	.480	
521	9.601 066	17	9.638 737	21	0.361 263	9.962 329	4	479	
522	9.601 083	17	9.638 758	20	0.361 242	9.962 325	3	478	
523	9.601 100	18	9.638 778	21	0.361 222	9.962 322	3	477	
524	9.601 118	17	9.638 799	21	0.361 201	9.962 319	4	476	
525	9.601 135	18	9.638 820	21	0.361 180	9.962 315	3	475	
526	9.601 153	17	9.638 841	20	0.361 159	9.962 312	3	474	
527	9.601 170	17	9.638 861	21	0.361 139	9.962 309	4	473	
528	9.601 187	18	9.638 882	21	0.361 118	9.962 305	3	472	
529	9.601 205	17	9.638 903	20	0.361 097	9.962 302	3	471	
.530	9.601 222	18	9.638 923	21	0.361 077	9.962 299	3	.470	
531	9.601 240	17	9.638 944	21	0.361 056	9.962 296	4	469	
532	9.601 257	18	9.638 965	21	0.361 035	9.962 292	3	468	
533	9.601 275	17	9.638 986	20	0.361 014	9.962 289	3	467	
534	9.601 292	17	9.639 006	21	0.360 994	9.962 286	4	466	
535	9.601 309	18	9.639 027	21	0.360 973	9.962 282	3	465	
536	9.601 327	17	9.639 048	20	0.360 952	9.962 279	3	464	
537	9.601 344	18	9.639 068	21	0.360 932	9.962 276	4	463	
538	9.601 362	17	9.639 089	21	0.360 911	9.962 272	3	462	
539	9.601 379	17	9.639 110	20	0.360 890	9.962 269	3	461	
.540	9.601 396	18	9.639 130	21	0.360 870	9.962 266	3	.460	
541	9.601 414	17	9.639 151	21	0.360 849	9.962 263	4	459	
542	9.601 431	18	9.639 172	21	0.360 828	9.962 259	3	458	
543	9.601 449	17	9.639 193	20	0.360 807	9.962 256	3	457	
544	9.601 466	17	9.639 213	21	0.360 787	9.962 253	4	456	
545	9.601 483	18	9.639 234	21	0.360 766	9.962 249	3	455	
546	9.601 501	17	9.639 255	20	0.360 745	9.962 246	3	454	
547	9.601 518	17	9.639 275	21	0.360 725	9.962 243	4	453	
548	9.601 535	18	9.639 296	21	0.360 704	9.962 239	3	452	
549	9.601 553	17	9.639 317	20	0.360 683	9.962 236	3	451	
.550	9.601 570		9.639 337		0.360 663	9.962 233		.450	
	cos	d	cotg	d	tang	sin	d	66°	P.P.

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66°.500 — 66°.450

23°.550 — 23°.600

23°	sin	d	tang	d	cotg	cos	d		P.P.
.550	9.601 570	18	9.639 337	21	0.360 663	9.962 233	4	.450	
551	9.601 588	17	9.639 358	21	0.360 642	9.962 229	3	449	
552	9.601 605	17	9.639 379	21	0.360 621	9.962 226	3	448	
553	9.601 622	18	9.639 400	20	0.360 600	9.962 223	3	447	
554	9.601 640	17	9.639 420	21	0.360 580	9.962 220	4	446	
555	9.601 657	18	9.639 441	21	0.360 559	9.962 216	3	445	
556	9.601 675	17	9.639 462	20	0.360 538	9.962 213	3	444	
557	9.601 692	17	9.639 482	21	0.360 518	9.962 210	4	443	
558	9.601 709	18	9.639 503	21	0.360 497	9.962 206	3	442	
559	9.601 727	17	9.639 524	20	0.360 476	9.962 203	3	441	
.560	9.601 744	18	9.639 544	21	0.360 456	9.962 200	4	.440	
561	9.601 762	17	9.639 565	21	0.360 435	9.962 196	3	439	
562	9.601 779	17	9.639 586	20	0.360 414	9.962 193	3	438	
563	9.601 796	18	9.639 606	21	0.360 394	9.962 190	3	437	
564	9.601 814	17	9.639 627	21	0.360 373	9.962 187	4	436	
565	9.601 831	17	9.639 648	20	0.360 352	9.962 183	3	435	
566	9.601 848	18	9.639 668	21	0.360 332	9.962 180	3	434	
567	9.601 866	17	9.639 689	21	0.360 311	9.962 177	4	433	
568	9.601 883	18	9.639 710	21	0.360 290	9.962 173	3	432	
569	9.601 901	17	9.639 731	20	0.360 269	9.962 170	3	431	
.570	9.601 918	17	9.639 751	21	0.360 249	9.962 167	4	.430	
571	9.601 935	18	9.639 772	21	0.360 228	9.962 163	3	429	
572	9.601 953	17	9.639 793	20	0.360 207	9.962 160	3	428	
573	9.601 970	17	9.639 813	21	0.360 187	9.962 157	4	427	
574	9.601 987	18	9.639 834	21	0.360 166	9.962 153	3	426	
575	9.602 005	17	9.639 855	20	0.360 145	9.962 150	3	425	
576	9.602 022	18	9.639 875	21	0.360 125	9.962 147	3	424	
577	9.602 040	17	9.639 896	21	0.360 104	9.962 144	4	423	
578	9.602 057	17	9.639 917	20	0.360 083	9.962 140	3	422	
579	9.602 074	18	9.639 937	21	0.360 063	9.962 137	3	421	
.580	9.602 092	17	9.639 958	21	0.360 042	9.962 134	4	.420	
581	9.602 109	17	9.639 979	20	0.360 021	9.962 130	3	419	
582	9.602 126	18	9.639 999	21	0.360 001	9.962 127	3	418	
583	9.602 144	17	9.640 020	21	0.359 980	9.962 124	4	417	
584	9.602 161	17	9.640 041	20	0.359 959	9.962 120	3	416	
585	9.602 178	18	9.640 061	21	0.359 939	9.962 117	3	415	
586	9.602 196	17	9.640 082	21	0.359 918	9.962 114	4	414	
587	9.602 213	18	9.640 103	20	0.359 897	9.962 110	3	413	
588	9.602 231	17	9.640 123	21	0.359 877	9.962 107	3	412	
589	9.602 248	17	9.640 144	21	0.359 856	9.962 104	3	411	
.590	9.602 265	18	9.640 165	20	0.359 835	9.962 101	4	.410	
591	9.602 283	17	9.640 185	21	0.359 815	9.962 097	3	409	
592	9.602 300	17	9.640 206	21	0.359 794	9.962 094	3	408	
593	9.602 317	18	9.640 227	20	0.359 773	9.962 091	4	407	
594	9.602 335	17	9.640 247	21	0.359 753	9.962 087	3	406	
595	9.602 352	17	9.640 268	21	0.359 732	9.962 084	3	405	
596	9.602 369	18	9.640 289	20	0.359 711	9.962 081	4	404	
597	9.602 387	17	9.640 309	21	0.359 691	9.962 077	3	403	
598	9.602 404	17	9.640 330	21	0.359 670	9.962 074	3	402	
599	9.602 421	18	9.640 351	20	0.359 649	9.962 071	4	401	
.600	9.602 439		9.640 371		0.359 629	9.962 067		.400	
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66°.450 — 66°.400

23°.600 — 23°.650

23°	sin	d	tang	d	cotg	cos	d		P.P.
.600	9.602 439	17	9.640 371	21	0.359 629	9.962 067	3	.400	
601	9.602 456	17	9.640 392	21	0.359 608	9.962 064	3	399	
602	9.602 473	18	9.640 413	20	0.359 587	9.962 061	4	398	
603	9.602 491	17	9.640 433	21	0.359 567	9.962 057	3	397	
604	9.602 508	18	9.640 454	21	0.359 546	9.962 054	3	396	
605	9.602 526	17	9.640 475	20	0.359 525	9.962 051	3	395	
606	9.602 543	17	9.640 495	21	0.359 505	9.962 048	4	394	
607	9.602 560	18	9.640 516	21	0.359 484	9.962 044	3	393	
608	9.602 578	17	9.640 537	20	0.359 463	9.962 041	3	392	
609	9.602 595	17	9.640 557	21	0.359 443	9.962 038	4	391	
.610	9.602 612	18	9.640 578	21	0.359 422	9.962 034	3	.390	
611	9.602 630	17	9.640 599	20	0.359 401	9.962 031	3	389	
612	9.602 647	17	9.640 619	21	0.359 381	9.962 028	4	388	
613	9.602 664	18	9.640 640	21	0.359 360	9.962 024	3	387	
614	9.602 682	17	9.640 661	20	0.359 339	9.962 021	3	386	
615	9.602 699	17	9.640 681	21	0.359 319	9.962 018	4	385	
616	9.602 716	18	9.640 702	21	0.359 298	9.962 014	3	384	
617	9.602 734	17	9.640 723	20	0.359 277	9.962 011	3	383	
618	9.602 751	17	9.640 743	21	0.359 257	9.962 008	4	382	
619	9.602 768	18	9.640 764	20	0.359 236	9.962 004	3	381	
.620	9.602 786	17	9.640 784	21	0.359 216	9.962 001	3	.380	
621	9.602 803	17	9.640 805	21	0.359 195	9.961 998	3	379	
622	9.602 820	18	9.640 826	20	0.359 174	9.961 995	4	378	
623	9.602 838	17	9.640 846	21	0.359 154	9.961 991	3	377	
624	9.602 855	17	9.640 867	21	0.359 133	9.961 988	3	376	
625	9.602 872	18	9.640 888	20	0.359 112	9.961 985	4	375	
626	9.602 890	17	9.640 908	21	0.359 092	9.961 981	3	374	
627	9.602 907	17	9.640 929	21	0.359 071	9.961 978	3	373	
628	9.602 924	18	9.640 950	20	0.359 050	9.961 975	4	372	
629	9.602 942	17	9.640 970	21	0.359 030	9.961 971	3	371	
.630	9.602 959	17	9.640 991	21	0.359 009	9.961 968	3	.370	
631	9.602 976	18	9.641 012	20	0.358 988	9.961 965	4	369	
632	9.602 994	17	9.641 032	21	0.358 968	9.961 961	3	368	
633	9.603 011	17	9.641 053	20	0.358 947	9.961 958	3	367	
634	9.603 028	18	9.641 073	21	0.358 927	9.961 955	4	366	
635	9.603 046	17	9.641 094	21	0.358 906	9.961 951	3	365	
636	9.603 063	17	9.641 115	20	0.358 885	9.961 948	3	364	
637	9.603 080	17	9.641 135	21	0.358 865	9.961 945	4	363	
638	9.603 097	18	9.641 156	21	0.358 844	9.961 941	3	362	
639	9.603 115	17	9.641 177	20	0.358 823	9.961 938	3	361	
.640	9.603 132	17	9.641 197	21	0.358 803	9.961 935	3	.360	
641	9.603 149	18	9.641 218	21	0.358 782	9.961 932	4	359	
642	9.603 167	17	9.641 239	20	0.358 761	9.961 928	3	358	
643	9.603 184	17	9.641 259	21	0.358 741	9.961 925	3	357	
644	9.603 201	18	9.641 280	20	0.358 720	9.961 922	4	356	
645	9.603 219	17	9.641 300	21	0.358 700	9.961 918	3	355	
646	9.603 236	17	9.641 321	21	0.358 679	9.961 915	3	354	
647	9.603 253	18	9.641 342	20	0.358 658	9.961 912	4	353	
648	9.603 271	17	9.641 362	21	0.358 638	9.961 908	3	352	
649	9.603 288	17	9.641 383	21	0.358 617	9.961 905	3	351	
.650	9.603 305		9.641 404		0.358 596	9.961 902		.350	
	cos	d	cotg	d	tang	sin	d	66°	P.P.

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66°.400 — 66°.350

23°.650 — 23°.700

23°	sin	d	tang	d	cotg	cos	d		P.P.
.650	9.603 305	18	9.641 404	20	0.358 596	9.961 902	4	.350	
651	9.603 323	17	9.641 424	21	0.358 576	9.961 898	3	349	
652	9.603 340	17	9.641 445	20	0.358 555	9.961 895	3	348	
653	9.603 357	17	9.641 465	21	0.358 535	9.961 892	4	347	
654	9.603 374	18	9.641 486	21	0.358 514	9.961 888	3	346	
655	9.603 392	17	9.641 507	20	0.358 493	9.961 885	3	345	
656	9.603 409	17	9.641 527	21	0.358 473	9.961 882	4	344	
657	9.603 426	18	9.641 548	21	0.358 452	9.961 878	3	343	
658	9.603 444	17	9.641 569	20	0.358 431	9.961 875	3	342	
659	9.603 461	17	9.641 589	21	0.358 411	9.961 872	4	341	
.660	9.603 478	18	9.641 610	20	0.358 390	9.961 868	3	.340	
661	9.603 496	17	9.641 630	21	0.358 370	9.961 865	3	339	
662	9.603 513	17	9.641 651	21	0.358 349	9.961 862	4	338	
663	9.603 530	17	9.641 672	20	0.358 328	9.961 858	3	337	
664	9.603 547	18	9.641 692	21	0.358 308	9.961 855	3	336	
665	9.603 565	17	9.641 713	21	0.358 287	9.961 852	3	335	
666	9.603 582	17	9.641 734	20	0.358 266	9.961 849	4	334	
667	9.603 599	18	9.641 754	21	0.358 246	9.961 845	3	333	
668	9.603 617	17	9.641 775	20	0.358 225	9.961 842	3	332	
669	9.603 634	17	9.641 795	21	0.358 205	9.961 839	4	331	
.670	9.603 651	18	9.641 816	21	0.358 184	9.961 835	3	.330	
671	9.603 669	17	9.641 837	20	0.358 163	9.961 832	3	329	
672	9.603 686	17	9.641 857	21	0.358 143	9.961 829	4	328	
673	9.603 703	17	9.641 878	20	0.358 122	9.961 825	3	327	
674	9.603 720	18	9.641 898	21	0.358 102	9.961 822	3	326	
675	9.603 738	17	9.641 919	21	0.358 081	9.961 819	4	325	
676	9.603 755	17	9.641 940	20	0.358 060	9.961 815	3	324	
677	9.603 772	18	9.641 960	21	0.358 040	9.961 812	3	323	
678	9.603 790	17	9.641 981	21	0.358 019	9.961 809	4	322	
679	9.603 807	17	9.642 002	20	0.357 998	9.961 805	3	321	
.680	9.603 824	17	9.642 022	21	0.357 978	9.961 802	3	.320	
681	9.603 841	18	9.642 043	20	0.357 957	9.961 799	4	319	
682	9.603 859	17	9.642 063	21	0.357 937	9.961 795	3	318	
683	9.603 876	17	9.642 084	21	0.357 916	9.961 792	3	317	
684	9.603 893	18	9.642 105	20	0.357 895	9.961 789	4	316	
685	9.603 911	17	9.642 125	21	0.357 875	9.961 785	3	315	
686	9.603 928	17	9.642 146	20	0.357 854	9.961 782	3	314	
687	9.603 945	17	9.642 166	21	0.357 834	9.961 779	4	313	
688	9.603 962	18	9.642 187	21	0.357 813	9.961 775	3	312	
689	9.603 980	17	9.642 208	20	0.357 792	9.961 772	3	311	
.690	9.603 997	17	9.642 228	21	0.357 772	9.961 769	4	.310	
691	9.604 014	17	9.642 249	20	0.357 751	9.961 765	3	309	
692	9.604 031	18	9.642 269	21	0.357 731	9.961 762	3	308	
693	9.604 049	17	9.642 290	21	0.357 710	9.961 759	4	307	
694	9.604 066	17	9.642 311	20	0.357 689	9.961 755	3	306	
695	9.604 083	18	9.642 331	21	0.357 669	9.961 752	3	305	
696	9.604 101	17	9.642 352	20	0.357 648	9.961 749	4	304	
697	9.604 118	17	9.642 372	21	0.357 628	9.961 745	3	303	
698	9.604 135	17	9.642 393	21	0.357 607	9.961 742	3	302	
699	9.604 152	18	9.642 414	20	0.357 586	9.961 739	4	301	
.700	9.604 170		9.642 434		0.357 566	9.961 735		.300	
	cos	d	cotg	d	tang	sin	d	66°	P.P.

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66°.350 — 66°.300

23°.700 — 23°.750

23°	sin	d	tang	d	cotg	cos	d		P.P.
.700	9.604 170	17	9.642 434	21	0.357 566	9.961 735	3	.300	
701	9.604 187	17	9.642 455	20	0.357 545	9.961 732	3	299	
702	9.604 204	17	9.642 475	21	0.357 525	9.961 729	4	298	
703	9.604 221	18	9.642 496	21	0.357 504	9.961 725	3	297	
704	9.604 239	17	9.642 517	20	0.357 483	9.961 722	3	296	
705	9.604 256	17	9.642 537	21	0.357 463	9.961 719	3	295	
706	9.604 273	17	9.642 558	20	0.357 442	9.961 716	4	294	
707	9.604 290	18	9.642 578	21	0.357 422	9.961 712	3	293	
708	9.604 308	17	9.642 599	20	0.357 401	9.961 709	3	292	
709	9.604 325	17	9.642 619	21	0.357 381	9.961 706	4	291	
.710	9.604 342	18	9.642 640	21	0.357 360	9.961 702	3	.290	
711	9.604 360	17	9.642 661	20	0.357 339	9.961 699	3	289	
712	9.604 377	17	9.642 681	21	0.357 319	9.961 696	4	288	
713	9.604 394	17	9.642 702	20	0.357 298	9.961 692	3	287	
714	9.604 411	18	9.642 722	21	0.357 278	9.961 689	3	286	
715	9.604 429	17	9.642 743	21	0.357 257	9.961 686	4	285	
716	9.604 446	17	9.642 764	20	0.357 236	9.961 682	3	284	
717	9.604 463	17	9.642 784	21	0.357 216	9.961 679	3	283	
718	9.604 480	18	9.642 805	20	0.357 195	9.961 676	4	282	
719	9.604 498	17	9.642 825	21	0.357 175	9.961 672	3	281	
.720	9.604 515	17	9.642 846	21	0.357 154	9.961 669	3	.280	
721	9.604 532	17	9.642 867	20	0.357 133	9.961 666	4	279	
722	9.604 549	18	9.642 887	21	0.357 113	9.961 662	3	278	
723	9.604 567	17	9.642 908	20	0.357 092	9.961 659	3	277	
724	9.604 584	17	9.642 928	21	0.357 072	9.961 656	4	276	
725	9.604 601	17	9.642 949	20	0.357 051	9.961 652	3	275	
726	9.604 618	18	9.642 969	21	0.357 031	9.961 649	3	274	
727	9.604 636	17	9.642 990	21	0.357 010	9.961 646	4	273	
728	9.604 653	17	9.643 011	20	0.356 989	9.961 642	3	272	
729	9.604 670	17	9.643 031	21	0.356 969	9.961 639	3	271	
.730	9.604 687	18	9.643 052	20	0.356 948	9.961 636	4	.270	
731	9.604 705	17	9.643 072	21	0.356 928	9.961 632	3	269	
732	9.604 722	17	9.643 093	20	0.356 907	9.961 629	3	268	
733	9.604 739	17	9.643 113	21	0.356 887	9.961 626	4	267	
734	9.604 756	17	9.643 134	21	0.356 866	9.961 622	3	266	
735	9.604 773	18	9.643 155	20	0.356 845	9.961 619	3	265	
736	9.604 791	17	9.643 175	21	0.356 825	9.961 616	4	264	
737	9.604 808	17	9.643 196	20	0.356 804	9.961 612	3	263	
738	9.604 825	17	9.643 216	21	0.356 784	9.961 609	3	262	
739	9.604 842	18	9.643 237	20	0.356 763	9.961 606	4	261	
.740	9.604 860	17	9.643 257	21	0.356 743	9.961 602	3	.260	
741	9.604 877	17	9.643 278	21	0.356 722	9.961 599	3	259	
742	9.604 894	17	9.643 299	20	0.356 701	9.961 596	4	258	
743	9.604 911	18	9.643 319	21	0.356 681	9.961 592	3	257	
744	9.604 929	17	9.643 340	20	0.356 660	9.961 589	3	256	
745	9.604 946	17	9.643 360	21	0.356 640	9.961 586	4	255	
746	9.604 963	17	9.643 381	20	0.356 619	9.961 582	3	254	
747	9.604 980	18	9.643 401	21	0.356 599	9.961 579	3	253	
748	9.604 998	17	9.643 422	21	0.356 578	9.961 576	4	252	
749	9.605 015	17	9.643 443	20	0.356 557	9.961 572	3	251	
.750	9.605 032		9.643 463		0.356 537	9.961 569		.250	
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66°.300 — 66°.250

23°.750 — 23°.800

23°	sin	d	tang	d	cotg	cos	d		P.P.
.750	9.605 032	17	9.643 463	21	0.356 537	9.961 569	3	.250	
751	9.605 049	17	9.643 484	20	0.356 516	9.961 566	4	249	
752	9.605 066	18	9.643 504	21	0.356 496	9.961 562	3	248	
753	9.605 084	17	9.643 525	20	0.356 475	9.961 559	3	247	
754	9.605 101	17	9.643 545	21	0.356 455	9.961 556	4	246	
755	9.605 118	17	9.643 566	20	0.356 434	9.961 552	3	245	
756	9.605 135	18	9.643 586	21	0.356 414	9.961 549	3	244	
757	9.605 153	17	9.643 607	21	0.356 393	9.961 546	4	243	
758	9.605 170	17	9.643 628	20	0.356 372	9.961 542	3	242	
759	9.605 187	17	9.643 648	21	0.356 352	9.961 539	3	241	
.760	9.605 204	17	9.643 669	20	0.356 331	9.961 536	4	.240	
761	9.605 221	18	9.643 689	21	0.356 311	9.961 532	3	239	
762	9.605 239	17	9.643 710	20	0.356 290	9.961 529	3	238	
763	9.605 256	17	9.643 730	21	0.356 270	9.961 526	4	237	
764	9.605 273	17	9.643 751	20	0.356 249	9.961 522	3	236	
765	9.605 290	18	9.643 771	21	0.356 229	9.961 519	3	235	
766	9.605 308	17	9.643 792	21	0.356 208	9.961 516	4	234	
767	9.605 325	17	9.643 813	20	0.356 187	9.961 512	3	233	
768	9.605 342	17	9.643 833	21	0.356 167	9.961 509	3	232	
769	9.605 359	17	9.643 854	20	0.356 146	9.961 506	4	231	
.770	9.605 376	18	9.643 874	21	0.356 126	9.961 502	3	.230	
771	9.605 394	17	9.643 895	20	0.356 105	9.961 499	4	229	
772	9.605 411	17	9.643 915	21	0.356 085	9.961 495	3	228	
773	9.605 428	17	9.643 936	20	0.356 064	9.961 492	3	227	
774	9.605 445	17	9.643 956	21	0.356 044	9.961 489	4	226	
775	9.605 462	18	9.643 977	20	0.356 023	9.961 485	3	225	
776	9.605 480	17	9.643 997	21	0.356 003	9.961 482	3	224	
777	9.605 497	17	9.644 018	21	0.355 982	9.961 479	4	223	
778	9.605 514	17	9.644 039	20	0.355 961	9.961 475	3	222	
779	9.605 531	17	9.644 059	21	0.355 941	9.961 472	3	221	
.780	9.605 548	18	9.644 080	20	0.355 920	9.961 469	4	.220	
781	9.605 566	17	9.644 100	21	0.355 900	9.961 465	3	219	
782	9.605 583	17	9.644 121	20	0.355 879	9.961 462	3	218	
783	9.605 600	17	9.644 141	21	0.355 859	9.961 459	4	217	
784	9.605 617	17	9.644 162	20	0.355 838	9.961 455	3	216	
785	9.605 634	18	9.644 182	21	0.355 818	9.961 452	3	215	
786	9.605 652	17	9.644 203	20	0.355 797	9.961 449	4	214	
787	9.605 669	17	9.644 223	21	0.355 777	9.961 445	3	213	
788	9.605 686	17	9.644 244	20	0.355 756	9.961 442	3	212	
789	9.605 703	17	9.644 264	21	0.355 736	9.961 439	4	211	
.790	9.605 720	18	9.644 285	21	0.355 715	9.961 435	3	.210	
791	9.605 738	17	9.644 306	20	0.355 694	9.961 432	3	209	
792	9.605 755	17	9.644 326	21	0.355 674	9.961 429	4	208	
793	9.605 772	17	9.644 347	20	0.355 653	9.961 425	3	207	
794	9.605 789	17	9.644 367	21	0.355 633	9.961 422	3	206	
795	9.605 806	18	9.644 388	20	0.355 612	9.961 419	4	205	
796	9.605 824	17	9.644 408	21	0.355 592	9.961 415	3	204	
797	9.605 841	17	9.644 429	20	0.355 571	9.961 412	3	203	
798	9.605 858	17	9.644 449	21	0.355 551	9.961 409	4	202	
799	9.605 875	17	9.644 470	20	0.355 530	9.961 405	3	201	
.800	9.605 892		9.644 490		0.355 510	9.961 402		.200	
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66°.250 — 66°.200

23°.800 — 23°.850

23°	sin	d	tang	d	cotg	cos	d		P.P.
.800	9.605 892	17	9.644 490	21	0.355 510	9.961 402	3	.200	
801	9.605 909	18	9.644 511	20	0.355 489	9.961 399	4	199	
802	9.605 927	17	9.644 531	21	0.355 469	9.961 395	3	198	
803	9.605 944	17	9.644 552	20	0.355 448	9.961 392	3	197	
804	9.605 961	17	9.644 572	21	0.355 428	9.961 389	4	196	
805	9.605 978	17	9.644 593	21	0.355 407	9.961 385	3	195	
806	9.605 995	18	9.644 614	20	0.355 386	9.961 382	3	194	
807	9.606 013	17	9.644 634	21	0.355 366	9.961 379	4	193	
808	9.606 030	17	9.644 655	20	0.355 345	9.961 375	3	192	
809	9.606 047	17	9.644 675	21	0.355 325	9.961 372	3	191	
.810	9.606 064	17	9.644 696	20	0.355 304	9.961 369	4	.190	
811	9.606 081	17	9.644 716	21	0.355 284	9.961 365	3	189	
812	9.606 098	18	9.644 737	20	0.355 263	9.961 362	4	188	
813	9.606 116	17	9.644 757	21	0.355 243	9.961 358	3	187	
814	9.606 133	17	9.644 778	20	0.355 222	9.961 355	3	186	
815	9.606 150	17	9.644 798	21	0.355 202	9.961 352	4	185	
816	9.606 167	17	9.644 819	20	0.355 181	9.961 348	3	184	
817	9.606 184	18	9.644 839	21	0.355 161	9.961 345	3	183	
818	9.606 202	17	9.644 860	20	0.355 140	9.961 342	4	182	
819	9.606 219	17	9.644 880	21	0.355 120	9.961 338	3	181	
.820	9.606 236	17	9.644 901	20	0.355 099	9.961 335	3	.180	
821	9.606 253	17	9.644 921	21	0.355 079	9.961 332	4	179	
822	9.606 270	17	9.644 942	20	0.355 058	9.961 328	3	178	
823	9.606 287	18	9.644 962	21	0.355 038	9.961 325	3	177	
824	9.606 305	17	9.644 983	20	0.355 017	9.961 322	4	176	
825	9.606 322	17	9.645 003	21	0.354 997	9.961 318	3	175	
826	9.606 339	17	9.645 024	20	0.354 976	9.961 315	3	174	
827	9.606 356	17	9.645 044	21	0.354 956	9.961 312	4	173	
828	9.606 373	17	9.645 065	20	0.354 935	9.961 308	3	172	
829	9.606 390	18	9.645 085	21	0.354 915	9.961 305	3	171	
.830	9.606 408	17	9.645 106	20	0.354 894	9.961 302	4	.170	
831	9.606 425	17	9.645 126	21	0.354 874	9.961 298	3	169	
832	9.606 442	17	9.645 147	20	0.354 853	9.961 295	3	168	
833	9.606 459	17	9.645 167	21	0.354 833	9.961 292	4	167	
834	9.606 476	17	9.645 188	20	0.354 812	9.961 288	3	166	
835	9.606 493	17	9.645 208	21	0.354 792	9.961 285	4	165	
836	9.606 510	18	9.645 229	20	0.354 771	9.961 281	3	164	
837	9.606 528	17	9.645 249	21	0.354 751	9.961 278	3	163	
838	9.606 545	17	9.645 270	20	0.354 730	9.961 275	4	162	
839	9.606 562	17	9.645 290	21	0.354 710	9.961 271	3	161	
.840	9.606 579	17	9.645 311	20	0.354 689	9.961 268	3	.160	
841	9.606 596	17	9.645 331	21	0.354 669	9.961 265	4	159	
842	9.606 613	18	9.645 352	20	0.354 648	9.961 261	3	158	
843	9.606 631	17	9.645 372	21	0.354 628	9.961 258	3	157	
844	9.606 648	17	9.645 393	20	0.354 607	9.961 255	4	156	
845	9.606 665	17	9.645 413	21	0.354 587	9.961 251	3	155	
846	9.606 682	17	9.645 434	20	0.354 566	9.961 248	3	154	
847	9.606 699	17	9.645 454	21	0.354 546	9.961 245	4	153	
848	9.606 716	17	9.645 475	20	0.354 525	9.961 241	3	152	
849	9.606 733	18	9.645 495	21	0.354 505	9.961 238	3	151	
.850	9.606 751		9.645 516		0.354 484	9.961 235		.150	
	cos	d	cotg	d	tang	sin	d	66°	P.P.

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66°.200 — 66°.150

23°.850 — 23°.900

23°	sin	d	tang	d	cotg	cos	d		P.P.
.850	9.606 751	17	9.645 516	20	0.354 484	9.961 235	4	.150	
851	9.606 768	17	9.645 536	21	0.354 464	9.961 231	3	149	
852	9.606 785	17	9.645 557	20	0.354 443	9.961 228	3	148	
853	9.606 802	17	9.645 577	21	0.354 423	9.961 225	4	147	
854	9.606 819	17	9.645 598	20	0.354 402	9.961 221	3	146	
855	9.606 836	17	9.645 618	21	0.354 382	9.961 218	4	145	
856	9.606 853	18	9.645 639	20	0.354 361	9.961 214	3	144	
857	9.606 871	17	9.645 659	21	0.354 341	9.961 211	3	143	
858	9.606 888	17	9.645 680	20	0.354 320	9.961 208	4	142	
859	9.606 905	17	9.645 700	21	0.354 300	9.961 204	3	141	
.860	9.606 922	17	9.645 721	20	0.354 279	9.961 201	3	.140	
861	9.606 939	17	9.645 741	21	0.354 259	9.961 198	4	139	
862	9.606 956	17	9.645 762	20	0.354 238	9.961 194	3	138	
863	9.606 973	18	9.645 782	21	0.354 218	9.961 191	3	137	
864	9.606 991	17	9.645 803	20	0.354 197	9.961 188	4	136	
865	9.607 008	17	9.645 823	21	0.354 177	9.961 184	3	135	
866	9.607 025	17	9.645 844	20	0.354 156	9.961 181	3	134	
867	9.607 042	17	9.645 864	21	0.354 136	9.961 178	4	133	
868	9.607 059	17	9.645 885	20	0.354 115	9.961 174	3	132	
869	9.607 076	17	9.645 905	21	0.354 095	9.961 171	3	131	
.870	9.607 093	17	9.645 926	20	0.354 074	9.961 168	4	.130	
871	9.607 110	18	9.645 946	21	0.354 054	9.961 164	3	129	
872	9.607 128	17	9.645 967	20	0.354 033	9.961 161	4	128	
873	9.607 145	17	9.645 987	21	0.354 013	9.961 157	3	127	
874	9.607 162	17	9.646 008	20	0.353 992	9.961 154	3	126	
875	9.607 179	17	9.646 028	21	0.353 972	9.961 151	4	125	
876	9.607 196	17	9.646 049	20	0.353 951	9.961 147	3	124	
877	9.607 213	17	9.646 069	21	0.353 931	9.961 144	3	123	
878	9.607 230	17	9.646 090	20	0.353 910	9.961 141	4	122	
879	9.607 247	18	9.646 110	21	0.353 890	9.961 137	3	121	
.880	9.607 265	17	9.646 131	20	0.353 869	9.961 134	3	.120	
881	9.607 282	17	9.646 151	21	0.353 849	9.961 131	4	119	
882	9.607 299	17	9.646 172	20	0.353 828	9.961 127	3	118	
883	9.607 316	17	9.646 192	20	0.353 808	9.961 124	3	117	
884	9.607 333	17	9.646 212	21	0.353 788	9.961 121	4	116	
885	9.607 350	17	9.646 233	20	0.353 767	9.961 117	3	115	
886	9.607 367	17	9.646 253	21	0.353 747	9.961 114	3	114	
887	9.607 384	18	9.646 274	20	0.353 726	9.961 111	4	113	
888	9.607 402	17	9.646 294	21	0.353 706	9.961 107	3	112	
889	9.607 419	17	9.646 315	20	0.353 685	9.961 104	4	111	
.890	9.607 436	17	9.646 335	21	0.353 665	9.961 100	3	.110	
891	9.607 453	17	9.646 356	20	0.353 644	9.961 097	3	109	
892	9.607 470	17	9.646 376	21	0.353 624	9.961 094	4	108	
893	9.607 487	17	9.646 397	20	0.353 603	9.961 090	3	107	
894	9.607 504	17	9.646 417	21	0.353 583	9.961 087	3	106	
895	9.607 521	17	9.646 438	20	0.353 562	9.961 084	4	105	
896	9.607 538	18	9.646 458	21	0.353 542	9.961 080	3	104	
897	9.607 556	17	9.646 479	20	0.353 521	9.961 077	3	103	
898	9.607 573	17	9.646 499	21	0.353 501	9.961 074	4	102	
899	9.607 590	17	9.646 520	20	0.353 480	9.961 070	3	101	
.900	9.607 607		9.646 540		0.353 460	9.961 067		.100	
	cos	d	cotg	d	tang	sin	d	66°	P.P.

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66°.150 — 66°.100

23°.900 — 23°.950

23°	sin	d	tang	d	cotg	cos	d		P.P.
.900	9.607 607	17	9.646 540	20	0.353 460	9.961 067	4	.100	
901	9.607 624	17	9.646 560	21	0.353 440	9.961 063	3	099	
902	9.607 641	17	9.646 581	20	0.353 419	9.961 060	3	098	
903	9.607 658	17	9.646 601	21	0.353 399	9.961 057	4	097	
904	9.607 675	17	9.646 622	20	0.353 378	9.961 053	3	096	
905	9.607 692	17	9.646 642	21	0.353 358	9.961 050	3	095	
906	9.607 709	18	9.646 663	20	0.353 337	9.961 047	4	094	
907	9.607 727	17	9.646 683	21	0.353 317	9.961 043	3	093	
908	9.607 744	17	9.646 704	20	0.353 296	9.961 040	3	092	
909	9.607 761	17	9.646 724	21	0.353 276	9.961 037	4	091	
.910	9.607 778	17	9.646 745	20	0.353 255	9.961 033	3	.090	
911	9.607 795	17	9.646 765	20	0.353 235	9.961 030	3	089	
912	9.607 812	17	9.646 785	21	0.353 215	9.961 027	4	088	
913	9.607 829	17	9.646 806	20	0.353 194	9.961 023	3	087	
914	9.607 846	17	9.646 826	21	0.353 174	9.961 020	4	086	
915	9.607 863	17	9.646 847	20	0.353 153	9.961 016	3	085	
916	9.607 880	17	9.646 867	21	0.353 133	9.961 013	3	084	
917	9.607 897	18	9.646 888	20	0.353 112	9.961 010	4	083	
918	9.607 915	17	9.646 908	21	0.353 092	9.961 006	3	082	
919	9.607 932	17	9.646 929	20	0.353 071	9.961 003	3	081	
.920	9.607 949	17	9.646 949	21	0.353 051	9.961 000	4	.080	
921	9.607 966	17	9.646 970	20	0.353 030	9.960 996	3	079	
922	9.607 983	17	9.646 990	20	0.353 010	9.960 993	3	078	
923	9.608 000	17	9.647 010	21	0.352 990	9.960 990	4	077	
924	9.608 017	17	9.647 031	20	0.352 969	9.960 986	3	076	
925	9.608 034	17	9.647 051	21	0.352 949	9.960 983	4	075	
926	9.608 051	17	9.647 072	20	0.352 928	9.960 979	3	074	
927	9.608 068	17	9.647 092	21	0.352 908	9.960 976	3	073	
928	9.608 085	18	9.647 113	20	0.352 887	9.960 973	4	072	
929	9.608 103	17	9.647 133	21	0.352 867	9.960 969	3	071	
.930	9.608 120	17	9.647 154	20	0.352 846	9.960 966	3	.070	
931	9.608 137	17	9.647 174	20	0.352 826	9.960 963	4	069	
932	9.608 154	17	9.647 194	21	0.352 806	9.960 959	3	068	
933	9.608 171	17	9.647 215	20	0.352 785	9.960 956	3	067	
934	9.608 188	17	9.647 235	21	0.352 765	9.960 953	4	066	
935	9.608 205	17	9.647 256	20	0.352 744	9.960 949	3	065	
936	9.608 222	17	9.647 276	21	0.352 724	9.960 946	4	064	
937	9.608 239	17	9.647 297	20	0.352 703	9.960 942	3	063	
938	9.608 256	17	9.647 317	21	0.352 683	9.960 939	3	062	
939	9.608 273	17	9.647 338	20	0.352 662	9.960 936	4	061	
.940	9.608 290	17	9.647 358	20	0.352 642	9.960 932	3	.060	
941	9.608 307	18	9.647 378	21	0.352 622	9.960 929	3	059	
942	9.608 325	17	9.647 399	20	0.352 601	9.960 926	4	058	
943	9.608 342	17	9.647 419	21	0.352 581	9.960 922	3	057	
944	9.608 359	17	9.647 440	20	0.352 560	9.960 919	3	056	
945	9.608 376	17	9.647 460	21	0.352 540	9.960 916	4	055	
946	9.608 393	17	9.647 481	20	0.352 519	9.960 912	3	054	
947	9.608 410	17	9.647 501	20	0.352 499	9.960 909	4	053	
948	9.608 427	17	9.647 521	21	0.352 479	9.960 905	3	052	
949	9.608 444	17	9.647 542	20	0.352 458	9.960 902	3	051	
.950	9.608 461		9.647 562		0.352 438	9.960 899		.050	
	cos	d	cotg	d	tang	sin	d	66°	P.P.

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66°.100 — 66°.050

23°.950 — 24°.000

23°	sin	d	tang	d	cotg	cos	d		P.P.
.950	9.608 461	17	9.647 562	21	0.352 438	9.960 899	4	.050	
951	9.608 478	17	9.647 583	20	0.352 417	9.960 895	3	049	
952	9.608 495	17	9.647 603	21	0.352 397	9.960 892	3	048	
953	9.608 512	17	9.647 624	20	0.352 376	9.960 889	4	047	
954	9.608 529	17	9.647 644	21	0.352 356	9.960 885	3	046	21
955	9.608 546	17	9.647 665	20	0.352 335	9.960 882	4	045	1 2.1
956	9.608 563	17	9.647 685	20	0.352 315	9.960 878	3	044	2 4.2
957	9.608 580	17	9.647 705	21	0.352 295	9.960 875	3	043	3 6.3
958	9.608 598	18	9.647 726	20	0.352 274	9.960 872	4	042	4 8.4
959	9.608 615	17	9.647 746	21	0.352 254	9.960 868	3	041	5 10.5
.960	9.608 632	17	9.647 767	20	0.352 233	9.960 865	3	.040	6 12.6
961	9.608 649	17	9.647 787	20	0.352 213	9.960 862	4	039	7 14.7
962	9.608 666	17	9.647 807	21	0.352 193	9.960 858	3	038	8 16.8
963	9.608 683	17	9.647 828	20	0.352 172	9.960 855	3	037	9 18.9
964	9.608 700	17	9.647 848	21	0.352 152	9.960 852	4	036	
965	9.608 717	17	9.647 869	20	0.352 131	9.960 848	3	035	20
966	9.608 734	17	9.647 889	21	0.352 111	9.960 845	4	034	1 2.0
967	9.608 751	17	9.647 910	20	0.352 090	9.960 841	3	033	2 4.0
968	9.608 768	17	9.647 930	20	0.352 070	9.960 838	3	032	3 6.0
969	9.608 785	17	9.647 950	21	0.352 050	9.960 835	4	031	4 8.0
.970	9.608 802	17	9.647 971	20	0.352 029	9.960 831	3	.030	5 10.0
971	9.608 819	17	9.647 991	21	0.352 009	9.960 828	3	029	6 12.0
972	9.608 836	17	9.648 012	20	0.351 988	9.960 825	4	028	7 14.0
973	9.608 853	17	9.648 032	21	0.351 968	9.960 821	3	027	8 16.0
974	9.608 870	17	9.648 053	20	0.351 947	9.960 818	4	026	9 18.0
975	9.608 887	17	9.648 073	20	0.351 927	9.960 814	3	025	
976	9.608 904	18	9.648 093	21	0.351 907	9.960 811	3	024	
977	9.608 922	17	9.648 114	20	0.351 886	9.960 808	4	023	18
978	9.608 939	17	9.648 134	21	0.351 866	9.960 804	3	022	1 1.8
979	9.608 956	17	9.648 155	20	0.351 845	9.960 801	3	021	2 3.6
.980	9.608 973	17	9.648 175	20	0.351 825	9.960 798	4	.020	3 5.4
981	9.608 990	17	9.648 195	21	0.351 805	9.960 794	3	019	4 7.2
982	9.609 007	17	9.648 216	20	0.351 784	9.960 791	3	018	5 9.0
983	9.609 024	17	9.648 236	21	0.351 764	9.960 788	4	017	6 10.8
984	9.609 041	17	9.648 257	20	0.351 743	9.960 784	3	016	7 12.6
985	9.609 058	17	9.648 277	20	0.351 723	9.960 781	4	015	8 14.4
986	9.609 075	17	9.648 297	21	0.351 703	9.960 777	3	014	9 16.2
987	9.609 092	17	9.648 318	20	0.351 682	9.960 774	3	013	
988	9.609 109	17	9.648 338	21	0.351 662	9.960 771	4	012	
989	9.609 126	17	9.648 359	20	0.351 641	9.960 767	3	011	17
.990	9.609 143	17	9.648 379	21	0.351 621	9.960 764	3	.010	1 1.7
991	9.609 160	17	9.648 400	20	0.351 600	9.960 761	4	009	2 3.4
992	9.609 177	17	9.648 420	20	0.351 580	9.960 757	3	008	3 5.1
993	9.609 194	17	9.648 440	21	0.351 560	9.960 754	4	007	4 6.8
994	9.609 211	17	9.648 461	20	0.351 539	9.960 750	3	006	5 8.5
995	9.609 228	17	9.648 481	21	0.351 519	9.960 747	3	005	6 10.2
996	9.609 245	17	9.648 502	20	0.351 498	9.960 744	4	004	7 11.9
997	9.609 262	17	9.648 522	20	0.351 478	9.960 740	3	003	8 13.6
998	9.609 279	17	9.648 542	21	0.351 458	9.960 737	3	002	9 15.3
999	9.609 296	17	9.648 563	20	0.351 437	9.960 734	4	001	
*.000	9.609 313		9.648 583		0.351 417	9.960 730		.000	
	cos	d	cotg	d	tang	sin	d	66°	P.P.

66°.050 — 66°.000

24°.000 — 24°.050

24°	sin	d	tang	d	cotg	cos	d		P.P.
.000	9.609 313	17	9.648 583	21	0.351 417	9.960 730	3	***000**	
001	9.609 330	17	9.648 604	20	0.351 396	9.960 727	4	999	
002	9.609 347	17	9.648 624	20	0.351 376	9.960 723	3	998	
003	9.609 364	17	9.648 644	21	0.351 356	9.960 720	3	997	
004	9.609 381	17	9.648 665	20	0.351 335	9.960 717	4	996	
005	9.609 398	17	9.648 685	21	0.351 315	9.960 713	3	995	
006	9.609 415	17	9.648 706	20	0.351 294	9.960 710	3	994	
007	9.609 432	17	9.648 726	20	0.351 274	9.960 707	4	993	
008	9.609 449	17	9.648 746	21	0.351 254	9.960 703	3	992	
009	9.609 466	18	9.648 767	20	0.351 233	9.960 700	4	991	
.010	9.609 484	17	9.648 787	20	0.351 213	9.960 696	3	**.990**	
011	9.609 501	17	9.648 807	21	0.351 193	9.960 693	3	989	
012	9.609 518	17	9.648 828	20	0.351 172	9.960 690	4	988	
013	9.609 535	17	9.648 848	21	0.351 152	9.960 686	3	987	
014	9.609 552	17	9.648 869	20	0.351 131	9.960 683	3	986	
015	9.609 569	17	9.648 889	20	0.351 111	9.960 680	4	985	
016	9.609 586	17	9.648 909	21	0.351 091	9.960 676	3	984	
017	9.609 603	17	9.648 930	20	0.351 070	9.960 673	4	983	
018	9.609 620	17	9.648 950	21	0.351 050	9.960 669	3	982	
019	9.609 637	17	9.648 971	20	0.351 029	9.960 666	3	981	
.020	9.609 654	17	9.648 991	20	0.351 009	9.960 663	4	**.980**	
021	9.609 671	17	9.649 011	21	0.350 989	9.960 659	3	979	
022	9.609 688	17	9.649 032	20	0.350 968	9.960 656	3	978	
023	9.609 705	17	9.649 052	21	0.350 948	9.960 653	4	977	
024	9.609 722	17	9.649 073	20	0.350 927	9.960 649	3	976	
025	9.609 739	17	9.649 093	20	0.350 907	9.960 646	4	975	
026	9.609 756	17	9.649 113	21	0.350 887	9.960 642	3	974	
027	9.609 773	17	9.649 134	20	0.350 866	9.960 639	3	973	
028	9.609 790	17	9.649 154	20	0.350 846	9.960 636	4	972	
029	9.609 807	17	9.649 174	21	0.350 826	9.960 632	3	971	
.030	9.609 824	17	9.649 195	20	0.350 805	9.960 629	4	**.970**	
031	9.609 841	17	9.649 215	21	0.350 785	9.960 625	3	969	
032	9.609 858	17	9.649 236	20	0.350 764	9.960 622	3	968	
033	9.609 875	17	9.649 256	20	0.350 744	9.960 619	4	967	
034	9.609 892	17	9.649 276	21	0.350 724	9.960 615	3	966	
035	9.609 909	17	9.649 297	20	0.350 703	9.960 612	3	965	
036	9.609 926	17	9.649 317	20	0.350 683	9.960 609	4	964	
037	9.609 943	17	9.649 337	21	0.350 663	9.960 605	3	963	
038	9.609 960	17	9.649 358	20	0.350 642	9.960 602	4	962	
039	9.609 977	17	9.649 378	21	0.350 622	9.960 598	3	961	
.040	9.609 994	17	9.649 399	20	0.350 601	9.960 595	3	**.960**	
041	9.610 011	17	9.649 419	20	0.350 581	9.960 592	4	959	
042	9.610 028	17	9.649 439	21	0.350 561	9.960 588	3	958	
043	9.610 045	17	9.649 460	20	0.350 540	9.960 585	3	957	
044	9.610 062	17	9.649 480	20	0.350 520	9.960 582	4	956	
045	9.610 079	17	9.649 500	21	0.350 500	9.960 578	3	955	
046	9.610 096	17	9.649 521	20	0.350 479	9.960 575	4	954	
047	9.610 113	17	9.649 541	21	0.350 459	9.960 571	3	953	
048	9.610 130	17	9.649 562	20	0.350 438	9.960 568	3	952	
049	9.610 147	17	9.649 582	20	0.350 418	9.960 565	4	951	
.050	9.610 164		9.649 602		0.350 398	9.960 561		**.950**	
	cos	d	cotg	d	tang	sin	d	**65°**	P.P.

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66°.000 — 65°.950

24°.050 — 24°.100

24°	sin	d	tang	d	cotg	cos	d		P.P.
.050	9.610 164	17	9.649 602	21	0.350 398	9.960 561	3	.950	
051	9.610 181	17	9.649 623	20	0.350 377	9.960 558	4	949	
052	9.610 198	16	9.649 643	20	0.350 357	9.960 554	3	948	
053	9.610 214	17	9.649 663	21	0.350 337	9.960 551	3	947	
054	9.610 231	17	9.649 684	20	0.350 316	9.960 548	4	946	
055	9.610 248	17	9.649 704	21	0.350 296	9.960 544	3	945	
056	9.610 265	17	9.649 725	20	0.350 275	9.960 541	3	944	
057	9.610 282	17	9.649 745	20	0.350 255	9.960 538	4	943	
058	9.610 299	17	9.649 765	21	0.350 235	9.960 534	3	942	
059	9.610 316	17	9.649 786	20	0.350 214	9.960 531	4	941	
.060	9.610 333	17	9.649 806	20	0.350 194	9.960 527	3	.940	
061	9.610 350	17	9.649 826	21	0.350 174	9.960 524	3	939	
062	9.610 367	17	9.649 847	20	0.350 153	9.960 521	4	938	
063	9.610 384	17	9.649 867	20	0.350 133	9.960 517	3	937	
064	9.610 401	17	9.649 887	21	0.350 113	9.960 514	4	936	
065	9.610 418	17	9.649 908	20	0.350 092	9.960 510	3	935	
066	9.610 435	17	9.649 928	20	0.350 072	9.960 507	3	934	
067	9.610 452	17	9.649 948	21	0.350 052	9.960 504	4	933	
068	9.610 469	17	9.649 969	20	0.350 031	9.960 500	3	932	
069	9.610 486	17	9.649 989	21	0.350 011	9.960 497	3	931	
.070	9.610 503	17	9.650 010	20	0.349 990	9.960 494	4	.930	
071	9.610 520	17	9.650 030	20	0.349 970	9.960 490	3	929	
072	9.610 537	17	9.650 050	21	0.349 950	9.960 487	4	928	
073	9.610 554	17	9.650 071	20	0.349 929	9.960 483	3	927	
074	9.610 571	17	9.650 091	20	0.349 909	9.960 480	3	926	
075	9.610 588	17	9.650 111	21	0.349 889	9.960 477	4	925	
076	9.610 605	17	9.650 132	20	0.349 868	9.960 473	3	924	
077	9.610 622	17	9.650 152	20	0.349 848	9.960 470	4	923	
078	9.610 639	17	9.650 172	21	0.349 828	9.960 466	3	922	
079	9.610 656	17	9.650 193	20	0.349 807	9.960 463	3	921	
.080	9.610 673	17	9.650 213	20	0.349 787	9.960 460	4	.920	
081	9.610 690	17	9.650 233	21	0.349 767	9.960 456	3	919	
082	9.610 707	17	9.650 254	20	0.349 746	9.960 453	3	918	
083	9.610 724	17	9.650 274	20	0.349 726	9.960 450	4	917	
084	9.610 741	17	9.650 294	21	0.349 706	9.960 446	3	916	
085	9.610 758	16	9.650 315	20	0.349 685	9.960 443	4	915	
086	9.610 774	17	9.650 335	20	0.349 665	9.960 439	3	914	
087	9.610 791	17	9.650 355	21	0.349 645	9.960 436	3	913	
088	9.610 808	17	9.650 376	20	0.349 624	9.960 433	4	912	
089	9.610 825	17	9.650 396	20	0.349 604	9.960 429	3	911	
.090	9.610 842	17	9.650 416	21	0.349 584	9.960 426	4	.910	
091	9.610 859	17	9.650 437	20	0.349 563	9.960 422	3	909	
092	9.610 876	17	9.650 457	21	0.349 543	9.960 419	3	908	
093	9.610 893	17	9.650 478	20	0.349 522	9.960 416	4	907	
094	9.610 910	17	9.650 498	20	0.349 502	9.960 412	3	906	
095	9.610 927	17	9.650 518	21	0.349 482	9.960 409	4	905	
096	9.610 944	17	9.650 539	20	0.349 461	9.960 405	3	904	
097	9.610 961	17	9.650 559	20	0.349 441	9.960 402	3	903	
098	9.610 978	17	9.650 579	21	0.349 421	9.960 399	4	902	
099	9.610 995	17	9.650 600	20	0.349 400	9.960 395	3	901	
.100	9.611 012		9.650 620		0.349 380	9.960 392		.900	
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65°.950 — 65°.900

24°.100 — 24°.150

24°	sin	d	tang	d	cotg	cos	d		P.P.
.100	9.611 012	17	9.650 620	20	0.349 380	9.960 392	3	**.900**	
101	9.611 029	17	9.650 640	21	0.349 360	9.960 389	4	899	
102	9.611 046	17	9.650 661	20	0.349 339	9.960 385	3	898	
103	9.611 063	17	9.650 681	20	0.349 319	9.960 382	4	897	
104	9.611 080	16	9.650 701	21	0.349 299	9.960 378	3	896	
105	9.611 096	17	9.650 722	20	0.349 278	9.960 375	3	895	
106	9.611 113	17	9.650 742	20	0.349 258	9.960 372	4	894	
107	9.611 130	17	9.650 762	21	0.349 238	9.960 368	3	893	
108	9.611 147	17	9.650 783	20	0.349 217	9.960 365	4	892	
109	9.611 164	17	9.650 803	20	0.349 197	9.960 361	3	891	
.110	9.611 181	17	9.650 823	21	0.349 177	9.960 358	3	**.890**	
111	9.611 198	17	9.650 844	20	0.349 156	9.960 355	4	889	
112	9.611 215	17	9.650 864	20	0.349 136	9.960 351	3	888	
113	9.611 232	17	9.650 884	21	0.349 116	9.960 348	4	887	
114	9.611 249	17	9.650 905	20	0.349 095	9.960 344	3	886	
115	9.611 266	17	9.650 925	20	0.349 075	9.960 341	3	885	
116	9.611 283	17	9.650 945	21	0.349 055	9.960 338	4	884	
117	9.611 300	17	9.650 966	20	0.349 034	9.960 334	3	883	
118	9.611 317	17	9.650 986	20	0.349 014	9.960 331	4	882	
119	9.611 334	17	9.651 006	20	0.348 994	9.960 327	3	881	
.120	9.611 351	16	9.651 026	21	0.348 974	9.960 324	3	**.880**	
121	9.611 367	17	9.651 047	20	0.348 953	9.960 321	4	879	
122	9.611 384	17	9.651 067	20	0.348 933	9.960 317	3	878	
123	9.611 401	17	9.651 087	21	0.348 913	9.960 314	4	877	
124	9.611 418	17	9.651 108	20	0.348 892	9.960 310	3	876	
125	9.611 435	17	9.651 128	20	0.348 872	9.960 307	3	875	
126	9.611 452	17	9.651 148	21	0.348 852	9.960 304	4	874	
127	9.611 469	17	9.651 169	20	0.348 831	9.960 300	3	873	
128	9.611 486	17	9.651 189	20	0.348 811	9.960 297	4	872	
129	9.611 503	17	9.651 209	21	0.348 791	9.960 293	3	871	
.130	9.611 520	17	9.651 230	20	0.348 770	9.960 290	3	**.870**	
131	9.611 537	17	9.651 250	20	0.348 750	9.960 287	4	869	
132	9.611 554	17	9.651 270	21	0.348 730	9.960 283	3	868	
133	9.611 571	16	9.651 291	20	0.348 709	9.960 280	3	867	
134	9.611 587	17	9.651 311	20	0.348 689	9.960 277	4	866	
135	9.611 604	17	9.651 331	21	0.348 669	9.960 273	3	865	
136	9.611 621	17	9.651 352	20	0.348 648	9.960 270	4	864	
137	9.611 638	17	9.651 372	20	0.348 628	9.960 266	3	863	
138	9.611 655	17	9.651 392	20	0.348 608	9.960 263	3	862	
139	9.611 672	17	9.651 412	21	0.348 588	9.960 260	4	861	
.140	9.611 689	17	9.651 433	20	0.348 567	9.960 256	3	**.860**	
141	9.611 706	17	9.651 453	20	0.348 547	9.960 253	4	859	
142	9.611 723	17	9.651 473	21	0.348 527	9.960 249	3	858	
143	9.611 740	17	9.651 494	20	0.348 506	9.960 246	3	857	
144	9.611 757	17	9.651 514	20	0.348 486	9.960 243	4	856	
145	9.611 774	16	9.651 534	21	0.348 466	9.960 239	3	855	
146	9.611 790	17	9.651 555	20	0.348 445	9.960 236	4	854	
147	9.611 807	17	9.651 575	20	0.348 425	9.960 232	3	853	
148	9.611 824	17	9.651 595	21	0.348 405	9.960 229	3	852	
149	9.611 841	17	9.651 616	20	0.348 384	9.960 226	4	851	
.150	9.611 858		9.651 636		0.348 364	9.960 222		**.850**	
	cos	d	cotg	d	tang	sin	d	65°	P.P.

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65°.900 — 65°.850

24°.150 — 24°.200

24°	sin	d	tang	d	cotg	cos	d		P.P.
.150	9.611 858	17	9.651 636	20	0.348 364	9.960 222	3	**.850**	
151	9.611 875	17	9.651 656	20	0.348 344	9.960 219	4	849	
152	9.611 892	17	9.651 676	21	0.348 324	9.960 215	3	848	
153	9.611 909	17	9.651 697	20	0.348 303	9.960 212	3	847	
154	9.611 926	17	9.651 717	20	0.348 283	9.960 209	4	846	
155	9.611 943	16	9.651 737	21	0.348 263	9.960 205	3	845	
156	9.611 959	17	9.651 758	20	0.348 242	9.960 202	4	844	
157	9.611 976	17	9.651 778	20	0.348 222	9.960 198	3	843	
158	9.611 993	17	9.651 798	21	0.348 202	9.960 195	3	842	
159	9.612 010	17	9.651 819	20	0.348 181	9.960 192	4	841	
.160	9.612 027	17	9.651 839	20	0.348 161	9.960 188	3	**.840**	
161	9.612 044	17	9.651 859	20	0.348 141	9.960 185	4	839	
162	9.612 061	17	9.651 879	21	0.348 121	9.960 181	3	838	
163	9.612 078	17	9.651 900	20	0.348 100	9.960 178	3	837	
164	9.612 095	17	9.651 920	20	0.348 080	9.960 175	4	836	
165	9.612 112	16	9.651 940	21	0.348 060	9.960 171	3	835	
166	9.612 128	17	9.651 961	20	0.348 039	9.960 168	4	834	
167	9.612 145	17	9.651 981	20	0.348 019	9.960 164	3	833	
168	9.612 162	17	9.652 001	21	0.347 999	9.960 161	3	832	
169	9.612 179	17	9.652 022	20	0.347 978	9.960 158	4	831	
.170	9.612 196	17	9.652 042	20	0.347 958	9.960 154	3	**.830**	
171	9.612 213	17	9.652 062	20	0.347 938	9.960 151	4	829	
172	9.612 230	17	9.652 082	21	0.347 918	9.960 147	3	828	
173	9.612 247	17	9.652 103	20	0.347 897	9.960 144	3	827	
174	9.612 264	16	9.652 123	20	0.347 877	9.960 141	4	826	
175	9.612 280	17	9.652 143	21	0.347 857	9.960 137	3	825	
176	9.612 297	17	9.652 164	20	0.347 836	9.960 134	4	824	
177	9.612 314	17	9.652 184	20	0.347 816	9.960 130	3	823	
178	9.612 331	17	9.652 204	20	0.347 796	9.960 127	3	822	
179	9.612 348	17	9.652 224	21	0.347 776	9.960 124	4	821	
.180	9.612 365	17	9.652 245	20	0.347 755	9.960 120	3	**.820**	
181	9.612 382	17	9.652 265	20	0.347 735	9.960 117	4	819	
182	9.612 399	16	9.652 285	21	0.347 715	9.960 113	3	818	
183	9.612 415	17	9.652 306	20	0.347 694	9.960 110	3	817	
184	9.612 432	17	9.652 326	20	0.347 674	9.960 107	4	816	
185	9.612 449	17	9.652 346	20	0.347 654	9.960 103	3	815	
186	9.612 466	17	9.652 366	21	0.347 634	9.960 100	4	814	
187	9.612 483	17	9.652 387	20	0.347 613	9.960 096	3	813	
188	9.612 500	17	9.652 407	20	0.347 593	9.960 093	4	812	
189	9.612 517	17	9.652 427	21	0.347 573	9.960 089	3	811	
.190	9.612 534	16	9.652 448	20	0.347 552	9.960 086	3	**.810**	
191	9.612 550	17	9.652 468	20	0.347 532	9.960 083	4	809	
192	9.612 567	17	9.652 488	20	0.347 512	9.960 079	3	808	
193	9.612 584	17	9.652 508	21	0.347 492	9.960 076	4	807	
194	9.612 601	17	9.652 529	20	0.347 471	9.960 072	3	806	
195	9.612 618	17	9.652 549	20	0.347 451	9.960 069	3	805	
196	9.612 635	17	9.652 569	20	0.347 431	9.960 066	4	804	
197	9.612 652	17	9.652 589	21	0.347 411	9.960 062	3	803	
198	9.612 669	16	9.652 610	20	0.347 390	9.960 059	4	802	
199	9.612 685	17	9.652 630	20	0.347 370	9.960 055	3	801	
.200	9.612 702		9.652 650		0.347 350	9.960 052		**.800**	
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9	14.4

65°.850 — 65°.800

24°.200 — 24°.250

24°	sin	d	tang	d	cotg	cos	d		P.P.
.200	9.612 702	17	9.652 650	21	0.347 350	9.960 052	3	**.800**	
201	9.612 719	17	9.652 671	20	0.347 329	9.960 049	4	799	
202	9.612 736	17	9.652 691	20	0.347 309	9.960 045	3	798	
203	9.612 753	17	9.652 711	20	0.347 289	9.960 042	4	797	
204	9.612 770	17	9.652 731	21	0.347 269	9.960 038	3	796	
205	9.612 787	17	9.652 752	20	0.347 248	9.960 035	3	795	
206	9.612 804	16	9.652 772	20	0.347 228	9.960 032	4	794	
207	9.612 820	17	9.652 792	20	0.347 208	9.960 028	3	793	
208	9.612 837	17	9.652 812	21	0.347 188	9.960 025	4	792	
209	9.612 854	17	9.652 833	20	0.347 167	9.960 021	3	791	
.210	9.612 871	17	9.652 853	20	0.347 147	9.960 018	3	**.790**	
211	9.612 888	17	9.652 873	21	0.347 127	9.960 015	4	789	
212	9.612 905	17	9.652 894	20	0.347 106	9.960 011	3	788	
213	9.612 922	16	9.652 914	20	0.347 086	9.960 008	4	787	
214	9.612 938	17	9.652 934	20	0.347 066	9.960 004	3	786	
215	9.612 955	17	9.652 954	21	0.347 046	9.960 001	3	785	
216	9.612 972	17	9.652 975	20	0.347 025	9.959 998	4	784	
217	9.612 989	17	9.652 995	20	0.347 005	9.959 994	3	783	
218	9.613 006	17	9.653 015	20	0.346 985	9.959 991	4	782	
219	9.613 023	16	9.653 035	21	0.346 965	9.959 987	3	781	
.220	9.613 039	17	9.653 056	20	0.346 944	9.959 984	4	**.780**	
221	9.613 056	17	9.653 076	20	0.346 924	9.959 980	3	779	
222	9.613 073	17	9.653 096	20	0.346 904	9.959 977	3	778	
223	9.613 090	17	9.653 116	21	0.346 884	9.959 974	4	777	
224	9.613 107	17	9.653 137	20	0.346 863	9.959 970	3	776	
225	9.613 124	17	9.653 157	20	0.346 843	9.959 967	4	775	
226	9.613 141	16	9.653 177	20	0.346 823	9.959 963	3	774	
227	9.613 157	17	9.653 197	21	0.346 803	9.959 960	3	773	
228	9.613 174	17	9.653 218	20	0.346 782	9.959 957	4	772	
229	9.613 191	17	9.653 238	20	0.346 762	9.959 953	3	771	
.230	9.613 208	17	9.653 258	20	0.346 742	9.959 950	4	**.770**	
231	9.613 225	17	9.653 278	21	0.346 722	9.959 946	3	769	
232	9.613 242	16	9.653 299	20	0.346 701	9.959 943	3	768	
233	9.613 258	17	9.653 319	20	0.346 681	9.959 940	4	767	
234	9.613 275	17	9.653 339	20	0.346 661	9.959 936	3	766	
235	9.613 292	17	9.653 359	21	0.346 641	9.959 933	4	765	
236	9.613 309	17	9.653 380	20	0.346 620	9.959 929	3	764	
237	9.613 326	17	9.653 400	20	0.346 600	9.959 926	4	763	
238	9.613 343	16	9.653 420	20	0.346 580	9.959 922	3	762	
239	9.613 359	17	9.653 440	21	0.346 560	9.959 919	3	761	
.240	9.613 376	17	9.653 461	20	0.346 539	9.959 916	4	**.760**	
241	9.613 393	17	9.653 481	20	0.346 519	9.959 912	3	759	
242	9.613 410	17	9.653 501	20	0.346 499	9.959 909	4	758	
243	9.613 427	17	9.653 521	21	0.346 479	9.959 905	3	757	
244	9.613 444	16	9.653 542	20	0.346 458	9.959 902	3	756	
245	9.613 460	17	9.653 562	20	0.346 438	9.959 899	4	755	
246	9.613 477	17	9.653 582	20	0.346 418	9.959 895	3	754	
247	9.613 494	17	9.653 602	21	0.346 398	9.959 892	4	753	
248	9.613 511	17	9.653 623	20	0.346 377	9.959 888	3	752	
249	9.613 528	17	9.653 643	20	0.346 357	9.959 885	3	751	
.250	9.613 545		9.653 663		0.346 337	9.959 882		**.750**	
	cos	d	cotg	d	tang	sin	d	65°	P.P.

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65°.800 — 65°.750

24°.250 — 24°.300

24°	sin	d	tang	d	cotg	cos	d		P.P.
.250	9.613 545	16	9.653 663	20	0.346 337	9.959 882	4	.750	
251	9.613 561	17	9.653 683	21	0.346 317	9.959 878	3	749	
252	9.613 578	17	9.653 704	20	0.346 296	9.959 875	4	748	
253	9.613 595	17	9.653 724	20	0.346 276	9.959 871	3	747	
254	9.613 612	17	9.653 744	20	0.346 256	9.959 868	4	746	21
255	9.613 629	17	9.653 764	21	0.346 236	9.959 864	3	745	1 2.1
256	9.613 646	16	9.653 785	20	0.346 215	9.959 861	3	744	2 4.2
257	9.613 662	17	9.653 805	20	0.346 195	9.959 858	4	743	3 6.3
258	9.613 679	17	9.653 825	20	0.346 175	9.959 854	3	742	4 8.4
259	9.613 696	17	9.653 845	21	0.346 155	9.959 851	4	741	5 10.5
.260	9.613 713	17	9.653 866	20	0.346 134	9.959 847	3	.740	6 12.6
261	9.613 730	17	9.653 886	20	0.346 114	9.959 844	3	739	7 14.7
262	9.613 747	17	9.653 906	20	0.346 094	9.959 841	4	738	8 16.8
263	9.613 763	16	9.653 926	20	0.346 074	9.959 837	3	737	9 18.9
264	9.613 780	17	9.653 946	21	0.346 054	9.959 834	4	736	
265	9.613 797	17	9.653 967	20	0.346 033	9.959 830	3	735	20
266	9.613 814	17	9.653 987	20	0.346 013	9.959 827	4	734	1 2.0
267	9.613 831	16	9.654 007	20	0.345 993	9.959 823	3	733	2 4.0
268	9.613 847	17	9.654 027	21	0.345 973	9.959 820	3	732	3 6.0
269	9.613 864	17	9.654 048	20	0.345 952	9.959 817	4	731	4 8.0
.270	9.613 881	17	9.654 068	20	0.345 932	9.959 813	3	.730	5 10.0
271	9.613 898	17	9.654 088	20	0.345 912	9.959 810	4	729	6 12.0
272	9.613 915	17	9.654 108	21	0.345 892	9.959 806	3	728	7 14.0
273	9.613 931	16	9.654 129	20	0.345 871	9.959 803	3	727	8 16.0
274	9.613 948	17	9.654 149	20	0.345 851	9.959 800	4	726	9 18.0
275	9.613 965	17	9.654 169	20	0.345 831	9.959 796	3	725	
276	9.613 982	17	9.654 189	20	0.345 811	9.959 793	4	724	
277	9.613 999	17	9.654 209	21	0.345 791	9.959 789	3	723	17
278	9.614 015	16	9.654 230	20	0.345 770	9.959 786	4	722	1 1.7
279	9.614 032	17	9.654 250	20	0.345 750	9.959 782	3	721	2 3.4
.280	9.614 049	17	9.654 270	20	0.345 730	9.959 779	3	.720	3 5.1
281	9.614 066	17	9.654 290	21	0.345 710	9.959 776	4	719	4 6.8
282	9.614 083	17	9.654 311	20	0.345 689	9.959 772	3	718	5 8.5
283	9.614 099	16	9.654 331	20	0.345 669	9.959 769	4	717	6 10.2
284	9.614 116	17	9.654 351	20	0.345 649	9.959 765	3	716	7 11.9
285	9.614 133	17	9.654 371	20	0.345 629	9.959 762	4	715	8 13.6
286	9.614 150	17	9.654 391	21	0.345 609	9.959 758	3	714	9 15.3
287	9.614 167	17	9.654 412	20	0.345 588	9.959 755	3	713	
288	9.614 183	16	9.654 432	20	0.345 568	9.959 752	4	712	
289	9.614 200	17	9.654 452	20	0.345 548	9.959 748	3	711	16
.290	9.614 217	17	9.654 472	20	0.345 528	9.959 745	4	.710	1 1.6
291	9.614 234	17	9.654 492	21	0.345 508	9.959 741	3	709	2 3.2
292	9.614 251	17	9.654 513	20	0.345 487	9.959 738	3	708	3 4.8
293	9.614 267	16	9.654 533	20	0.345 467	9.959 735	4	707	4 6.4
294	9.614 284	17	9.654 553	20	0.345 447	9.959 731	3	706	5 8.0
295	9.614 301	17	9.654 573	21	0.345 427	9.959 728	4	705	6 9.6
296	9.614 318	17	9.654 594	20	0.345 406	9.959 724	3	704	7 11.2
297	9.614 335	17	9.654 614	20	0.345 386	9.959 721	4	703	8 12.8
298	9.614 351	16	9.654 634	20	0.345 366	9.959 717	3	702	9 14.4
299	9.614 368	17	9.654 654	20	0.345 346	9.959 714	3	701	
.300	9.614 385	17	9.654 674	20	0.345 326	9.959 711	3	.700	
	cos	d	cotg	d	tang	sin	d	65°	P.P.

65°.750 — 65°.700

24°.300 — 24°.350

24°	sin	d	tang	d	cotg	cos	d		P.P.
.300	9.614 385	17	9.654 674	21	0.345 326	9.959 711	4	.700	
301	9.614 402	17	9.654 695	20	0.345 305	9.959 707	3	699	
302	9.614 419	16	9.654 715	20	0.345 285	9.959 704	4	698	
303	9.614 435	17	9.654 735	20	0.345 265	9.959 700	3	697	
304	9.614 452	17	9.654 755	20	0.345 245	9.959 697	4	696	21
305	9.614 469	17	9.654 775	21	0.345 225	9.959 693	3	695	1 2.1
306	9.614 486	16	9.654 796	20	0.345 204	9.959 690	3	694	2 4.2
307	9.614 502	17	9.654 816	20	0.345 184	9.959 687	4	693	3 6.3
308	9.614 519	17	9.654 836	20	0.345 164	9.959 683	3	692	4 8.4
309	9.614 536	17	9.654 856	20	0.345 144	9.959 680	4	691	5 10.5
.310	9.614 553	17	9.654 876	21	0.345 124	9.959 676	3	.690	6 12.6
311	9.614 570	16	9.654 897	20	0.345 103	9.959 673	3	689	7 14.7
312	9.614 586	17	9.654 917	20	0.345 083	9.959 670	4	688	8 16.8
313	9.614 603	17	9.654 937	20	0.345 063	9.959 666	3	687	9 18.9
314	9.614 620	17	9.654 957	20	0.345 043	9.959 663	4	686	
315	9.614 637	16	9.654 977	21	0.345 023	9.959 659	3	685	20
316	9.614 653	17	9.654 998	20	0.345 002	9.959 656	4	684	1 2.0
317	9.614 670	17	9.655 018	20	0.344 982	9.959 652	3	683	2 4.0
318	9.614 687	17	9.655 038	20	0.344 962	9.959 649	3	682	3 6.0
319	9.614 704	17	9.655 058	20	0.344 942	9.959 646	4	681	4 8.0
.320	9.614 721	16	9.655 078	21	0.344 922	9.959 642	3	.680	5 10.0
321	9.614 737	17	9.655 099	20	0.344 901	9.959 639	4	679	6 12.0
322	9.614 754	17	9.655 119	20	0.344 881	9.959 635	3	678	7 14.0
323	9.614 771	17	9.655 139	20	0.344 861	9.959 632	4	677	8 16.0
324	9.614 788	16	9.655 159	20	0.344 841	9.959 628	3	676	9 18.0
325	9.614 804	17	9.655 179	21	0.344 821	9.959 625	3	675	
326	9.614 821	17	9.655 200	20	0.344 800	9.959 622	4	674	
327	9.614 838	17	9.655 220	20	0.344 780	9.959 618	3	673	17
328	9.614 855	17	9.655 240	20	0.344 760	9.959 615	4	672	1 1.7
329	9.614 872	16	9.655 260	20	0.344 740	9.959 611	3	671	2 3.4
.330	9.614 888	17	9.655 280	21	0.344 720	9.959 608	4	.670	3 5.1
331	9.614 905	17	9.655 301	20	0.344 699	9.959 604	3	669	4 6.8
332	9.614 922	17	9.655 321	20	0.344 679	9.959 601	3	668	5 8.5
333	9.614 939	16	9.655 341	20	0.344 659	9.959 598	4	667	6 10.2
334	9.614 955	17	9.655 361	20	0.344 639	9.959 594	3	666	7 11.9
335	9.614 972	17	9.655 381	21	0.344 619	9.959 591	4	665	8 13.6
336	9.614 989	17	9.655 402	20	0.344 598	9.959 587	3	664	9 15.3
337	9.615 006	16	9.655 422	20	0.344 578	9.959 584	4	663	
338	9.615 022	17	9.655 442	20	0.344 558	9.959 580	3	662	
339	9.615 039	17	9.655 462	20	0.344 538	9.959 577	3	661	16
.340	9.615 056	17	9.655 482	20	0.344 518	9.959 574	4	.660	1 1.6
341	9.615 073	16	9.655 502	21	0.344 498	9.959 570	3	659	2 3.2
342	9.615 089	17	9.655 523	20	0.344 477	9.959 567	4	658	3 4.8
343	9.615 106	17	9.655 543	20	0.344 457	9.959 563	3	657	4 6.4
344	9.615 123	17	9.655 563	20	0.344 437	9.959 560	4	656	5 8.0
345	9.615 140	16	9.655 583	20	0.344 417	9.959 556	3	655	6 9.6
346	9.615 156	17	9.655 603	21	0.344 397	9.959 553	3	654	7 11.2
347	9.615 173	17	9.655 624	20	0.344 376	9.959 550	4	653	8 12.8
348	9.615 190	17	9.655 644	20	0.344 356	9.959 546	3	652	9 14.4
349	9.615 207	16	9.655 664	20	0.344 336	9.959 543	4	651	
.350	9.615 223		9.655 684		0.344 316	9.959 539		.650	
	cos	d	cotg	d	tang	sin	d	65°	P.P.

65°.700 — 65°.650

24°.350 — 24°.400

24°	sin	d	tang	d	cotg	cos	d		P.P.
.350	9.615 223	17	9.655 684	20	0.344 316	9.959 539	3	.650	
351	9.615 240	17	9.655 704	20	0.344 296	9.959 536	4	649	
352	9.615 257	17	9.655 724	21	0.344 276	9.959 532	3	648	
353	9.615 274	16	9.655 745	20	0.344 255	9.959 529	3	647	
354	9.615 290	17	9.655 765	20	0.344 235	9.959 526	4	646	
355	9.615 307	17	9.655 785	20	0.344 215	9.959 522	3	645	
356	9.615 324	17	9.655 805	20	0.344 195	9.959 519	4	644	
357	9.615 341	16	9.655 825	21	0.344 175	9.959 515	3	643	
358	9.615 357	17	9.655 846	20	0.344 154	9.959 512	4	642	
359	9.615 374	17	9.655 866	20	0.344 134	9.959 508	3	641	
.360	9.615 391	17	9.655 886	20	0.344 114	9.959 505	3	.640	
361	9.615 408	16	9.655 906	20	0.344 094	9.959 502	4	639	
362	9.615 424	17	9.655 926	20	0.344 074	9.959 498	3	638	
363	9.615 441	17	9.655 946	21	0.344 054	9.959 495	4	637	
364	9.615 458	17	9.655 967	20	0.344 033	9.959 491	3	636	
365	9.615 475	16	9.655 987	20	0.344 013	9.959 488	4	635	
366	9.615 491	17	9.656 007	20	0.343 993	9.959 484	3	634	
367	9.615 508	17	9.656 027	20	0.343 973	9.959 481	4	633	
368	9.615 525	16	9.656 047	20	0.343 953	9.959 477	3	632	
369	9.615 541	17	9.656 067	21	0.343 933	9.959 474	3	631	
.370	9.615 558	17	9.656 088	20	0.343 912	9.959 471	4	.630	
371	9.615 575	17	9.656 108	20	0.343 892	9.959 467	3	629	
372	9.615 592	16	9.656 128	20	0.343 872	9.959 464	4	628	
373	9.615 608	17	9.656 148	20	0.343 852	9.959 460	3	627	
374	9.615 625	17	9.656 168	20	0.343 832	9.959 457	4	626	
375	9.615 642	17	9.656 188	21	0.343 812	9.959 453	3	625	
376	9.615 659	16	9.656 209	20	0.343 791	9.959 450	3	624	
377	9.615 675	17	9.656 229	20	0.343 771	9.959 447	4	623	
378	9.615 692	17	9.656 249	20	0.343 751	9.959 443	3	622	
379	9.615 709	17	9.656 269	20	0.343 731	9.959 440	4	621	
.380	9.615 726	16	9.656 289	20	0.343 711	9.959 436	3	.620	
381	9.615 742	17	9.656 309	21	0.343 691	9.959 433	4	619	
382	9.615 759	17	9.656 330	20	0.343 670	9.959 429	3	618	
383	9.615 776	16	9.656 350	20	0.343 650	9.959 426	3	617	
384	9.615 792	17	9.656 370	20	0.343 630	9.959 423	4	616	
385	9.615 809	17	9.656 390	20	0.343 610	9.959 419	3	615	
386	9.615 826	17	9.656 410	20	0.343 590	9.959 416	4	614	
387	9.615 843	16	9.656 430	20	0.343 570	9.959 412	3	613	
388	9.615 859	17	9.656 450	21	0.343 550	9.959 409	4	612	
389	9.615 876	17	9.656 471	20	0.343 529	9.959 405	3	611	
.390	9.615 893	16	9.656 491	20	0.343 509	9.959 402	4	.610	
391	9.615 909	17	9.656 511	20	0.343 489	9.959 398	3	609	
392	9.615 926	17	9.656 531	20	0.343 469	9.959 395	3	608	
393	9.615 943	17	9.656 551	20	0.343 449	9.959 392	4	607	
394	9.615 960	16	9.656 571	21	0.343 429	9.959 388	3	606	
395	9.615 976	17	9.656 592	20	0.343 408	9.959 385	4	605	
396	9.615 993	17	9.656 612	20	0.343 388	9.959 381	3	604	
397	9.616 010	16	9.656 632	20	0.343 368	9.959 378	4	603	
398	9.616 026	17	9.656 652	20	0.343 348	9.959 374	3	602	
399	9.616 043	17	9.656 672	20	0.343 328	9.959 371	3	601	
.400	9.616 060		9.656 692		0.343 308	9.959 368		.600	
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65°.650 — 65°.600

24°.400 — 24°.450

24°	sin	d	tang	d	cotg	cos	d		P.P.
.400	9.616 060	17	9.656 692	20	0.343 308	9.959 368	4	.600	
401	9.616 077	16	9.656 712	21	0.343 288	9.959 364	3	599	
402	9.616 093	17	9.656 733	20	0.343 267	9.959 361	4	598	
403	9.616 110	17	9.656 753	20	0.343 247	9.959 357	3	597	
404	9.616 127	16	9.656 773	20	0.343 227	9.959 354	4	596	
405	9.616 143	17	9.656 793	20	0.343 207	9.959 350	3	595	
406	9.616 160	17	9.656 813	20	0.343 187	9.959 347	4	594	
407	9.616 177	17	9.656 833	20	0.343 167	9.959 343	3	593	
408	9.616 194	16	9.656 853	21	0.343 147	9.959 340	3	592	
409	9.616 210	17	9.656 874	20	0.343 126	9.959 337	4	591	
.410	9.616 227	17	9.656 894	20	0.343 106	9.959 333	3	.590	
411	9.616 244	16	9.656 914	20	0.343 086	9.959 330	4	589	
412	9.616 260	17	9.656 934	20	0.343 066	9.959 326	3	588	
413	9.616 277	17	9.656 954	20	0.343 046	9.959 323	4	587	
414	9.616 294	16	9.656 974	20	0.343 026	9.959 319	3	586	
415	9.616 310	17	9.656 994	21	0.343 006	9.959 316	3	585	
416	9.616 327	17	9.657 015	20	0.342 985	9.959 313	4	584	
417	9.616 344	17	9.657 035	20	0.342 965	9.959 309	3	583	
418	9.616 361	16	9.657 055	20	0.342 945	9.959 306	4	582	
419	9.616 377	17	9.657 075	20	0.342 925	9.959 302	3	581	
.420	9.616 394	17	9.657 095	20	0.342 905	9.959 299	4	.580	
421	9.616 411	16	9.657 115	20	0.342 885	9.959 295	3	579	
422	9.616 427	17	9.657 135	21	0.342 865	9.959 292	4	578	
423	9.616 444	17	9.657 156	20	0.342 844	9.959 288	3	577	
424	9.616 461	16	9.657 176	20	0.342 824	9.959 285	3	576	
425	9.616 477	17	9.657 196	20	0.342 804	9.959 282	4	575	
426	9.616 494	17	9.657 216	20	0.342 784	9.959 278	3	574	
427	9.616 511	16	9.657 236	20	0.342 764	9.959 275	4	573	
428	9.616 527	17	9.657 256	20	0.342 744	9.959 271	3	572	
429	9.616 544	17	9.657 276	20	0.342 724	9.959 268	4	571	
.430	9.616 561	16	9.657 296	21	0.342 704	9.959 264	3	.570	
431	9.616 577	17	9.657 317	20	0.342 683	9.959 261	4	569	
432	9.616 594	17	9.657 337	20	0.342 663	9.959 257	3	568	
433	9.616 611	17	9.657 357	20	0.342 643	9.959 254	3	567	
434	9.616 628	16	9.657 377	20	0.342 623	9.959 251	4	566	
435	9.616 644	17	9.657 397	20	0.342 603	9.959 247	3	565	
436	9.616 661	17	9.657 417	20	0.342 583	9.959 244	4	564	
437	9.616 678	16	9.657 437	20	0.342 563	9.959 240	3	563	
438	9.616 694	17	9.657 457	21	0.342 543	9.959 237	4	562	
439	9.616 711	17	9.657 478	20	0.342 522	9.959 233	3	561	
.440	9.616 728	16	9.657 498	20	0.342 502	9.959 230	4	.560	
441	9.616 744	17	9.657 518	20	0.342 482	9.959 226	3	559	
442	9.616 761	17	9.657 538	20	0.342 462	9.959 223	3	558	
443	9.616 778	16	9.657 558	20	0.342 442	9.959 220	4	557	
444	9.616 794	17	9.657 578	20	0.342 422	9.959 216	3	556	
445	9.616 811	17	9.657 598	20	0.342 402	9.959 213	4	555	
446	9.616 828	16	9.657 618	21	0.342 382	9.959 209	3	554	
447	9.616 844	17	9.657 639	20	0.342 361	9.959 206	4	553	
448	9.616 861	17	9.657 659	20	0.342 341	9.959 202	3	552	
449	9.616 878	16	9.657 679	20	0.342 321	9.959 199	4	551	
.450	9.616 894		9.657 699		0.342 301	9.959 195		.550	
	cos	d	cotg	d	tang	sin	d	65°	P.P.

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9	14.4

65°.600 — 65°.550

24°.450 — 24°.500

24°	sin	d	tang	d	cotg	cos	d		P.P.
.450	9.616 894	17	9.657 699	20	0.342 301	9.959 195	3	.550	
451	9.616 911	17	9.657 719	20	0.342 281	9.959 192	3	549	
452	9.616 928	16	9.657 739	20	0.342 261	9.959 189	4	548	
453	9.616 944	17	9.657 759	20	0.342 241	9.959 185	3	547	
454	9.616 961	17	9.657 779	21	0.342 221	9.959 182	4	546	
455	9.616 978	16	9.657 800	20	0.342 200	9.959 178	3	545	
456	9.616 994	17	9.657 820	20	0.342 180	9.959 175	4	544	
457	9.617 011	17	9.657 840	20	0.342 160	9.959 171	3	543	
458	9.617 028	16	9.657 860	20	0.342 140	9.959 168	4	542	
459	9.617 044	17	9.657 880	20	0.342 120	9.959 164	3	541	
.460	9.617 061	17	9.657 900	20	0.342 100	9.959 161	3	.540	
461	9.617 078	16	9.657 920	20	0.342 080	9.959 158	4	539	
462	9.617 094	17	9.657 940	20	0.342 060	9.959 154	3	538	
463	9.617 111	17	9.657 960	21	0.342 040	9.959 151	4	537	
464	9.617 128	16	9.657 981	20	0.342 019	9.959 147	3	536	
465	9.617 144	17	9.658 001	20	0.341 999	9.959 144	4	535	
466	9.617 161	17	9.658 021	20	0.341 979	9.959 140	3	534	
467	9.617 178	16	9.658 041	20	0.341 959	9.959 137	4	533	
468	9.617 194	17	9.658 061	20	0.341 939	9.959 133	3	532	
469	9.617 211	17	9.658 081	20	0.341 919	9.959 130	4	531	
.470	9.617 228	16	9.658 101	20	0.341 899	9.959 126	3	.530	
471	9.617 244	17	9.658 121	20	0.341 879	9.959 123	3	529	
472	9.617 261	17	9.658 141	20	0.341 859	9.959 120	4	528	
473	9.617 278	16	9.658 161	21	0.341 839	9.959 116	3	527	
474	9.617 294	17	9.658 182	20	0.341 818	9.959 113	4	526	
475	9.617 311	17	9.658 202	20	0.341 798	9.959 109	3	525	
476	9.617 328	16	9.658 222	20	0.341 778	9.959 106	4	524	
477	9.617 344	17	9.658 242	20	0.341 758	9.959 102	3	523	
478	9.617 361	17	9.658 262	20	0.341 738	9.959 099	4	522	
479	9.617 378	16	9.658 282	20	0.341 718	9.959 095	3	521	
.480	9.617 394	17	9.658 302	20	0.341 698	9.959 092	3	.520	
481	9.617 411	16	9.658 322	20	0.341 678	9.959 089	4	519	
482	9.617 427	17	9.658 342	20	0.341 658	9.959 085	3	518	
483	9.617 444	17	9.658 362	21	0.341 638	9.959 082	4	517	
484	9.617 461	16	9.658 383	20	0.341 617	9.959 078	3	516	
485	9.617 477	17	9.658 403	20	0.341 597	9.959 075	4	515	
486	9.617 494	17	9.658 423	20	0.341 577	9.959 071	3	514	
487	9.617 511	16	9.658 443	20	0.341 557	9.959 068	4	513	
488	9.617 527	17	9.658 463	20	0.341 537	9.959 064	3	512	
489	9.617 544	17	9.658 483	20	0.341 517	9.959 061	4	511	
.490	9.617 561	16	9.658 503	20	0.341 497	9.959 057	3	.510	
491	9.617 577	17	9.658 523	20	0.341 477	9.959 054	3	509	
492	9.617 594	17	9.658 543	20	0.341 457	9.959 051	4	508	
493	9.617 611	16	9.658 563	21	0.341 437	9.959 047	3	507	
494	9.617 627	17	9.658 584	20	0.341 416	9.959 044	4	506	
495	9.617 644	16	9.658 604	20	0.341 396	9.959 040	3	505	
496	9.617 660	17	9.658 624	20	0.341 376	9.959 037	4	504	
497	9.617 677	17	9.658 644	20	0.341 356	9.959 033	3	503	
498	9.617 694	16	9.658 664	20	0.341 336	9.959 030	4	502	
499	9.617 710	17	9.658 684	20	0.341 316	9.959 026	3	501	
.500	9.617 727		9.658 704		0.341 296	9.959 023		.500	
	cos	d	cotg	d	tang	sin	d	65°	P.P.

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9	14.4

65°.550 — 65°.500

24°.500 — 24°.550

24°	sin	d	tang	d	cotg	cos	d		P.P.
.500	9.617 727	17	9.658 704	20	0.341 296	9.959 023	4	.500	
501	9.617 744	16	9.658 724	20	0.341 276	9.959 019	3	499	
502	9.617 760	17	9.658 744	20	0.341 256	9.959 016	3	498	
503	9.617 777	16	9.658 764	20	0.341 236	9.959 013	4	497	
504	9.617 793	17	9.658 784	20	0.341 216	9.959 009	3	496	
505	9.617 810	17	9.658 804	21	0.341 196	9.959 006	4	495	
506	9.617 827	16	9.658 825	20	0.341 175	9.959 002	3	494	
507	9.617 843	17	9.658 845	20	0.341 155	9.958 999	4	493	
508	9.617 860	17	9.658 865	20	0.341 135	9.958 995	3	492	
509	9.617 877	16	9.658 885	20	0.341 115	9.958 992	4	491	
.510	9.617 893	17	9.658 905	20	0.341 095	9.958 988	3	.490	
511	9.617 910	16	9.658 925	20	0.341 075	9.958 985	4	489	
512	9.617 926	17	9.658 945	20	0.341 055	9.958 981	3	488	
513	9.617 943	17	9.658 965	20	0.341 035	9.958 978	3	487	
514	9.617 960	16	9.658 985	20	0.341 015	9.958 975	4	486	
515	9.617 976	17	9.659 005	20	0.340 995	9.958 971	3	485	
516	9.617 993	17	9.659 025	20	0.340 975	9.958 968	4	484	
517	9.618 010	16	9.659 045	21	0.340 955	9.958 964	3	483	
518	9.618 026	17	9.659 066	20	0.340 934	9.958 961	4	482	
519	9.618 043	16	9.659 086	20	0.340 914	9.958 957	3	481	
.520	9.618 059	17	9.659 106	20	0.340 894	9.958 954	4	.480	
521	9.618 076	17	9.659 126	20	0.340 874	9.958 950	3	479	
522	9.618 093	16	9.659 146	20	0.340 854	9.958 947	4	478	
523	9.618 109	17	9.659 166	20	0.340 834	9.958 943	3	477	
524	9.618 126	17	9.659 186	20	0.340 814	9.958 940	3	476	
525	9.618 143	16	9.659 206	20	0.340 794	9.958 937	4	475	
526	9.618 159	17	9.659 226	20	0.340 774	9.958 933	3	474	
527	9.618 176	16	9.659 246	20	0.340 754	9.958 930	4	473	
528	9.618 192	17	9.659 266	20	0.340 734	9.958 926	3	472	
529	9.618 209	17	9.659 286	20	0.340 714	9.958 923	4	471	
.530	9.618 226	16	9.659 306	20	0.340 694	9.958 919	3	.470	
531	9.618 242	17	9.659 326	21	0.340 674	9.958 916	4	469	
532	9.618 259	16	9.659 347	20	0.340 653	9.958 912	3	468	
533	9.618 275	17	9.659 367	20	0.340 633	9.958 909	4	467	
534	9.618 292	17	9.659 387	20	0.340 613	9.958 905	3	466	
535	9.618 309	16	9.659 407	20	0.340 593	9.958 902	4	465	
536	9.618 325	17	9.659 427	20	0.340 573	9.958 898	3	464	
537	9.618 342	16	9.659 447	20	0.340 553	9.958 895	3	463	
538	9.618 358	17	9.659 467	20	0.340 533	9.958 892	4	462	
539	9.618 375	17	9.659 487	20	0.340 513	9.958 888	3	461	
.540	9.618 392	16	9.659 507	20	0.340 493	9.958 885	4	.460	
541	9.618 408	17	9.659 527	20	0.340 473	9.958 881	3	459	
542	9.618 425	16	9.659 547	20	0.340 453	9.958 878	4	458	
543	9.618 441	17	9.659 567	20	0.340 433	9.958 874	3	457	
544	9.618 458	17	9.659 587	20	0.340 413	9.958 871	4	456	
545	9.618 475	16	9.659 607	20	0.340 393	9.958 867	3	455	
546	9.618 491	17	9.659 627	20	0.340 373	9.958 864	4	454	
547	9.618 508	16	9.659 647	21	0.340 353	9.958 860	3	453	
548	9.618 524	17	9.659 668	20	0.340 332	9.958 857	4	452	
549	9.618 541	17	9.659 688	20	0.340 312	9.958 853	3	451	
.550	9.618 558		9.659 708		0.340 292	9.958 850		.450	
	cos	d	cotg	d	tang	sin	d	65°	P.P.

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65°.500 — 65°.450

24°.550 — 24°.600

24°	sin	d	tang	d	cotg	cos	d		P.P.
.550	9.618 558	16	9.659 708	20	0.340 292	9.958 850	3	**.450**	
551	9.618 574	17	9.659 728	20	0.340 272	9.958 847	4	449	
552	9.618 591	16	9.659 748	20	0.340 252	9.958 843	3	448	
553	9.618 607	17	9.659 768	20	0.340 232	9.958 840	4	447	
554	9.618 624	17	9.659 788	20	0.340 212	9.958 836	3	446	
555	9.618 641	16	9.659 808	20	0.340 192	9.958 833	4	445	
556	9.618 657	17	9.659 828	20	0.340 172	9.958 829	3	444	
557	9.618 674	16	9.659 848	20	0.340 152	9.958 826	4	443	
558	9.618 690	17	9.659 868	20	0.340 132	9.958 822	3	442	
559	9.618 707	17	9.659 888	20	0.340 112	9.958 819	4	441	
.560	9.618 724	16	9.659 908	20	0.340 092	9.958 815	3	**.440**	
561	9.618 740	17	9.659 928	20	0.340 072	9.958 812	4	439	
562	9.618 757	16	9.659 948	20	0.340 052	9.958 808	3	438	
563	9.618 773	17	9.659 968	20	0.340 032	9.958 805	3	437	
564	9.618 790	16	9.659 988	20	0.340 012	9.958 802	4	436	
565	9.618 806	17	9.660 008	20	0.339 992	9.958 798	3	435	
566	9.618 823	17	9.660 028	21	0.339 972	9.958 795	4	434	
567	9.618 840	16	9.660 049	20	0.339 951	9.958 791	3	433	
568	9.618 856	17	9.660 069	20	0.339 931	9.958 788	4	432	
569	9.618 873	16	9.660 089	20	0.339 911	9.958 784	3	431	
.570	9.618 889	17	9.660 109	20	0.339 891	9.958 781	4	**.430**	
571	9.618 906	17	9.660 129	20	0.339 871	9.958 777	3	429	
572	9.618 923	16	9.660 149	20	0.339 851	9.958 774	4	428	
573	9.618 939	17	9.660 169	20	0.339 831	9.958 770	3	427	
574	9.618 956	16	9.660 189	20	0.339 811	9.958 767	4	426	
575	9.618 972	17	9.660 209	20	0.339 791	9.958 763	3	425	
576	9.618 989	16	9.660 229	20	0.339 771	9.958 760	4	424	
577	9.619 005	17	9.660 249	20	0.339 751	9.958 756	3	423	
578	9.619 022	17	9.660 269	20	0.339 731	9.958 753	3	422	
579	9.619 039	16	9.660 289	20	0.339 711	9.958 750	4	421	
.580	9.619 055	17	9.660 309	20	0.339 691	9.958 746	3	**.420**	
581	9.619 072	16	9.660 329	20	0.339 671	9.958 743	4	419	
582	9.619 088	17	9.660 349	20	0.339 651	9.958 739	3	418	
583	9.619 105	16	9.660 369	20	0.339 631	9.958 736	4	417	
584	9.619 121	17	9.660 389	20	0.339 611	9.958 732	3	416	
585	9.619 138	17	9.660 409	20	0.339 591	9.958 729	4	415	
586	9.619 155	16	9.660 429	20	0.339 571	9.958 725	3	414	
587	9.619 171	17	9.660 449	20	0.339 551	9.958 722	4	413	
588	9.619 188	16	9.660 469	20	0.339 531	9.958 718	3	412	
589	9.619 204	17	9.660 489	20	0.339 511	9.958 715	4	411	
.590	9.619 221	16	9.660 509	20	0.339 491	9.958 711	3	**.410**	
591	9.619 237	17	9.660 529	20	0.339 471	9.958 708	4	409	
592	9.619 254	16	9.660 549	20	0.339 451	9.958 704	3	408	
593	9.619 270	17	9.660 569	21	0.339 431	9.958 701	4	407	
594	9.619 287	17	9.660 590	20	0.339 410	9.958 697	3	406	
595	9.619 304	16	9.660 610	20	0.339 390	9.958 694	3	405	
596	9.619 320	17	9.660 630	20	0.339 370	9.958 691	4	404	
597	9.619 337	16	9.660 650	20	0.339 350	9.958 687	3	403	
598	9.619 353	17	9.660 670	20	0.339 330	9.958 684	4	402	
599	9.619 370	16	9.660 690	20	0.339 310	9.958 680	3	401	
.600	9.619 386		9.660 710		0.339 290	9.958 677		**.400**	
	cos	d	cotg	d	tang	sin	d	65°	P.P.

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3	6.3
4	8.4
5	10.5
6	12.6
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6	10.2
7	11.9
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9	15.3

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3	4.8
4	6.4
5	8.0
6	9.6
7	11.2
8	12.8
9	14.4

65°.450 — 65°.400

24°.600 — 24°.650

24°	sin	d	tang	d	cotg	cos	d		P.P.
.600	9.619 386	17	9.660 710	20	0.339 290	9.958 677	4	**.400**	
601	9.619 403	16	9.660 730	20	0.339 270	9.958 673	3	399	
602	9.619 419	17	9.660 750	20	0.339 250	9.958 670	4	398	
603	9.619 436	17	9.660 770	20	0.339 230	9.958 666	3	397	
604	9.619 453	16	9.660 790	20	0.339 210	9.958 663	4	396	
605	9.619 469	17	9.660 810	20	0.339 190	9.958 659	3	395	
606	9.619 486	16	9.660 830	20	0.339 170	9.958 656	4	394	
607	9.619 502	17	9.660 850	20	0.339 150	9.958 652	3	393	
608	9.619 519	16	9.660 870	20	0.339 130	9.958 649	4	392	
609	9.619 535	17	9.660 890	20	0.339 110	9.958 645	3	391	
.610	9.619 552	16	9.660 910	20	0.339 090	9.958 642	4	**.390**	
611	9.619 568	17	9.660 930	20	0.339 070	9.958 638	3	389	
612	9.619 585	17	9.660 950	20	0.339 050	9.958 635	4	388	
613	9.619 602	16	9.660 970	20	0.339 030	9.958 632	3	387	
614	9.619 618	17	9.660 990	20	0.339 010	9.958 628	4	386	
615	9.619 635	16	9.661 010	20	0.338 990	9.958 625	3	385	
616	9.619 651	17	9.661 030	20	0.338 970	9.958 621	4	384	
617	9.619 668	16	9.661 050	20	0.338 950	9.958 618	3	383	
618	9.619 684	17	9.661 070	20	0.338 930	9.958 614	4	382	
619	9.619 701	16	9.661 090	20	0.338 910	9.958 611	3	381	
.620	9.619 717	17	9.661 110	20	0.338 890	9.958 607	4	**.380**	
621	9.619 734	16	9.661 130	20	0.338 870	9.958 604	3	379	
622	9.619 750	17	9.661 150	20	0.338 850	9.958 600	4	378	
623	9.619 767	16	9.661 170	20	0.338 830	9.958 597	3	377	
624	9.619 783	17	9.661 190	20	0.338 810	9.958 593	4	376	
625	9.619 800	17	9.661 210	20	0.338 790	9.958 590	3	375	
626	9.619 817	16	9.661 230	20	0.338 770	9.958 586	4	374	
627	9.619 833	17	9.661 250	20	0.338 750	9.958 583	3	373	
628	9.619 850	16	9.661 270	20	0.338 730	9.958 579	4	372	
629	9.619 866	17	9.661 290	20	0.338 710	9.958 576	3	371	
.630	9.619 883	16	9.661 310	20	0.338 690	9.958 572	4	**.370**	
631	9.619 899	17	9.661 330	20	0.338 670	9.958 569	3	369	
632	9.619 916	16	9.661 350	20	0.338 650	9.958 566	3	368	
633	9.619 932	17	9.661 370	20	0.338 630	9.958 562	4	367	
634	9.619 949	16	9.661 390	20	0.338 610	9.958 559	3	366	
635	9.619 965	17	9.661 410	20	0.338 590	9.958 555	4	365	
636	9.619 982	16	9.661 430	20	0.338 570	9.958 552	3	364	
637	9.619 998	17	9.661 450	20	0.338 550	9.958 548	4	363	
638	9.620 015	16	9.661 470	20	0.338 530	9.958 545	3	362	
639	9.620 031	17	9.661 490	20	0.338 510	9.958 541	4	361	
.640	9.620 048	17	9.661 510	20	0.338 490	9.958 538	3	**.360**	
641	9.620 065	16	9.661 530	20	0.338 470	9.958 534	4	359	
642	9.620 081	17	9.661 550	20	0.338 450	9.958 531	3	358	
643	9.620 098	16	9.661 570	20	0.338 430	9.958 527	4	357	
644	9.620 114	17	9.661 590	20	0.338 410	9.958 524	3	356	
645	9.620 131	16	9.661 610	20	0.338 390	9.958 520	4	355	
646	9.620 147	17	9.661 630	20	0.338 370	9.958 517	3	354	
647	9.620 164	16	9.661 650	20	0.338 350	9.958 513	4	353	
648	9.620 180	17	9.661 670	20	0.338 330	9.958 510	3	352	
649	9.620 197	16	9.661 690	20	0.338 310	9.958 506	4	351	
.650	9.620 213		9.661 710		0.338 290	9.958 503	3	**.350**	
	cos	d	cotg	d	tang	sin	d	65°	P.P.

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9	14.4

65°.400 — 65°.350

24°.650 — 24°.700

24°	sin	d	tang	d	cotg	cos	d		P.P.
.650	9.620 213	17	9.661 710	20	0.338 290	9.958 503	4	.350	
651	9.620 230	16	9.661 730	20	0.338 270	9.958 499	3	349	
652	9.620 246	17	9.661 750	20	0.338 250	9.958 496	3	348	
653	9.620 263	16	9.661 770	20	0.338 230	9.958 493	4	347	
654	9.620 279	17	9.661 790	20	0.338 210	9.958 489	3	346	
655	9.620 296	16	9.661 810	20	0.338 190	9.958 486	4	345	
656	9.620 312	17	9.661 830	20	0.338 170	9.958 482	3	344	
657	9.620 329	16	9.661 850	20	0.338 150	9.958 479	4	343	
658	9.620 345	17	9.661 870	20	0.338 130	9.958 475	3	342	
659	9.620 362	16	9.661 890	20	0.338 110	9.958 472	4	341	
.660	9.620 378	17	9.661 910	20	0.338 090	9.958 468	3	.340	
661	9.620 395	16	9.661 930	20	0.338 070	9.958 465	4	339	
662	9.620 411	17	9.661 950	20	0.338 050	9.958 461	3	338	
663	9.620 428	16	9.661 970	20	0.338 030	9.958 458	4	337	
664	9.620 444	17	9.661 990	20	0.338 010	9.958 454	3	336	
665	9.620 461	16	9.662 010	20	0.337 990	9.958 451	4	335	
666	9.620 477	17	9.662 030	20	0.337 970	9.958 447	3	334	
667	9.620 494	16	9.662 050	20	0.337 950	9.958 444	4	333	
668	9.620 510	17	9.662 070	20	0.337 930	9.958 440	3	332	
669	9.620 527	16	9.662 090	20	0.337 910	9.958 437	4	331	
.670	9.620 543	17	9.662 110	20	0.337 890	9.958 433	3	.330	
671	9.620 560	16	9.662 130	20	0.337 870	9.958 430	4	329	
672	9.620 576	17	9.662 150	20	0.337 850	9.958 426	3	328	
673	9.620 593	16	9.662 170	20	0.337 830	9.958 423	4	327	
674	9.620 609	17	9.662 190	20	0.337 810	9.958 419	3	326	
675	9.620 626	16	9.662 210	20	0.337 790	9.958 416	4	325	
676	9.620 642	17	9.662 230	20	0.337 770	9.958 412	3	324	
677	9.620 659	16	9.662 250	20	0.337 750	9.958 409	3	323	
678	9.620 675	17	9.662 270	20	0.337 730	9.958 406	4	322	
679	9.620 692	16	9.662 290	20	0.337 710	9.958 402	3	321	
.680	9.620 708	17	9.662 310	20	0.337 690	9.958 399	4	.320	
681	9.620 725	16	9.662 330	20	0.337 670	9.958 395	3	319	
682	9.620 741	17	9.662 350	20	0.337 650	9.958 392	4	318	
683	9.620 758	16	9.662 370	20	0.337 630	9.958 388	3	317	
684	9.620 774	17	9.662 390	20	0.337 610	9.958 385	4	316	
685	9.620 791	16	9.662 410	20	0.337 590	9.958 381	3	315	
686	9.620 807	17	9.662 430	20	0.337 570	9.958 378	4	314	
687	9.620 824	16	9.662 450	20	0.337 550	9.958 374	3	313	
688	9.620 840	17	9.662 470	20	0.337 530	9.958 371	4	312	
689	9.620 857	16	9.662 490	20	0.337 510	9.958 367	3	311	
.690	9.620 873	17	9.662 510	20	0.337 490	9.958 364	4	.310	
691	9.620 890	16	9.662 530	20	0.337 470	9.958 360	3	309	
692	9.620 906	17	9.662 550	20	0.337 450	9.958 357	4	308	
693	9.620 923	16	9.662 570	20	0.337 430	9.958 353	3	307	
694	9.620 939	17	9.662 590	19	0.337 410	9.958 350	4	306	
695	9.620 956	16	9.662 609	20	0.337 391	9.958 346	3	305	
696	9.620 972	17	9.662 629	20	0.337 371	9.958 343	4	304	
697	9.620 989	16	9.662 649	20	0.337 351	9.958 339	3	303	
698	9.621 005	17	9.662 669	20	0.337 331	9.958 336	4	302	
699	9.621 022	16	9.662 689	20	0.337 311	9.958 332	3	301	
.700	9.621 038		9.662 709		0.337 291	9.958 329		.300	
	cos	d	cotg	d	tang	sin	d	65°	P.P.

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8	15.2
9	17.1

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7	11.9
8	13.6
9	15.3

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3	4.8
4	6.4
5	8.0
6	9.6
7	11.2
8	12.8
9	14.4

65°.350 — 65°.300

24°.700 — 24°.750

24°	sin	d	tang	d	cotg	cos	d		P.P.
.700	9.621 038	17	9.662 709	20	0.337 291	9.958 329	4	**.300**	
701	9.621 055	16	9.662 729	20	0.337 271	9.958 325	3	299	
702	9.621 071	17	9.662 749	20	0.337 251	9.958 322	4	298	
703	9.621 088	16	9.662 769	20	0.337 231	9.958 318	3	297	
704	9.621 104	17	9.662 789	20	0.337 211	9.958 315	4	296	
705	9.621 121	16	9.662 809	20	0.337 191	9.958 311	3	295	
706	9.621 137	16	9.662 829	20	0.337 171	9.958 308	4	294	
707	9.621 153	17	9.662 849	20	0.337 151	9.958 304	3	293	
708	9.621 170	16	9.662 869	20	0.337 131	9.958 301	4	292	
709	9.621 186	17	9.662 889	20	0.337 111	9.958 297	3	291	
.710	9.621 203	16	9.662 909	20	0.337 091	9.958 294	4	**.290**	
711	9.621 219	17	9.662 929	20	0.337 071	9.958 290	3	289	
712	9.621 236	16	9.662 949	20	0.337 051	9.958 287	3	288	
713	9.621 252	17	9.662 969	20	0.337 031	9.958 284	4	287	
714	9.621 269	16	9.662 989	20	0.337 011	9.958 280	3	286	
715	9.621 285	17	9.663 009	20	0.336 991	9.958 277	4	285	
716	9.621 302	16	9.663 029	20	0.336 971	9.958 273	3	284	
717	9.621 318	17	9.663 049	20	0.336 951	9.958 270	4	283	
718	9.621 335	16	9.663 069	20	0.336 931	9.958 266	3	282	
719	9.621 351	17	9.663 089	20	0.336 911	9.958 263	4	281	
.720	9.621 368	16	9.663 109	19	0.336 891	9.958 259	3	**.280**	
721	9.621 384	17	9.663 128	20	0.336 872	9.958 256	4	279	
722	9.621 401	16	9.663 148	20	0.336 852	9.958 252	3	278	
723	9.621 417	16	9.663 168	20	0.336 832	9.958 249	4	277	
724	9.621 433	17	9.663 188	20	0.336 812	9.958 245	3	276	
725	9.621 450	16	9.663 208	20	0.336 792	9.958 242	4	275	
726	9.621 466	17	9.663 228	20	0.336 772	9.958 238	3	274	
727	9.621 483	16	9.663 248	20	0.336 752	9.958 235	4	273	
728	9.621 499	17	9.663 268	20	0.336 732	9.958 231	3	272	
729	9.621 516	16	9.663 288	20	0.336 712	9.958 228	4	271	
.730	9.621 532	17	9.663 308	20	0.336 692	9.958 224	3	**.270**	
731	9.621 549	16	9.663 328	20	0.336 672	9.958 221	4	269	
732	9.621 565	17	9.663 348	20	0.336 652	9.958 217	3	268	
733	9.621 582	16	9.663 368	20	0.336 632	9.958 214	4	267	
734	9.621 598	16	9.663 388	20	0.336 612	9.958 210	3	266	
735	9.621 614	17	9.663 408	20	0.336 592	9.958 207	4	265	
736	9.621 631	16	9.663 428	20	0.336 572	9.958 203	3	264	
737	9.621 647	17	9.663 448	20	0.336 552	9.958 200	4	263	
738	9.621 664	16	9.663 468	20	0.336 532	9.958 196	3	262	
739	9.621 680	17	9.663 488	20	0.336 512	9.958 193	4	261	
.740	9.621 697	16	9.663 507	19	0.336 493	9.958 189	3	**.260**	
741	9.621 713	17	9.663 527	20	0.336 473	9.958 186	4	259	
742	9.621 730	16	9.663 547	20	0.336 453	9.958 182	3	258	
743	9.621 746	17	9.663 567	20	0.336 433	9.958 179	4	257	
744	9.621 763	16	9.663 587	20	0.336 413	9.958 175	3	256	
745	9.621 779	16	9.663 607	20	0.336 393	9.958 172	4	255	
746	9.621 795	17	9.663 627	20	0.336 373	9.958 168	3	254	
747	9.621 812	16	9.663 647	20	0.336 353	9.958 165	4	253	
748	9.621 828	17	9.663 667	20	0.336 333	9.958 161	3	252	
749	9.621 845	16	9.663 687	20	0.336 313	9.958 158	4	251	
.750	9.621 861		9.663 707		0.336 293	9.958 154		**.250**	
	cos	d	cotg	d	tang	sin	d	65°	P.P.

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5	8.5
6	10.2
7	11.9
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9	15.3

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3	4.8
4	6.4
5	8.0
6	9.6
7	11.2
8	12.8
9	14.4

65°.300 — 65°.250

24°.750 — 24°.800

24°	sin	d	tang	d	cotg	cos	d		P.P.
.750	9.621 861	17	9.663 707	20	0.336 293	9.958 154	3	.250	
751	9.621 878	16	9.663 727	20	0.336 273	9.958 151	4	249	
752	9.621 894	17	9.663 747	20	0.336 253	9.958 147	3	248	
753	9.621 911	16	9.663 767	20	0.336 233	9.958 144	4	247	
754	9.621 927	16	9.663 787	20	0.336 213	9.958 140	3	246	
755	9.621 943	17	9.663 807	19	0.336 193	9.958 137	4	245	
756	9.621 960	16	9.663 826	20	0.336 174	9.958 133	3	244	
757	9.621 976	17	9.663 846	20	0.336 154	9.958 130	4	243	
758	9.621 993	16	9.663 866	20	0.336 134	9.958 126	3	242	
759	9.622 009	17	9.663 886	20	0.336 114	9.958 123	4	241	
.760	9.622 026	16	9.663 906	20	0.336 094	9.958 119	3	.240	
761	9.622 042	16	9.663 926	20	0.336 074	9.958 116	4	239	
762	9.622 058	17	9.663 946	20	0.336 054	9.958 112	3	238	
763	9.622 075	16	9.663 966	20	0.336 034	9.958 109	4	237	
764	9.622 091	17	9.663 986	20	0.336 014	9.958 105	3	236	
765	9.622 108	16	9.664 006	20	0.335 994	9.958 102	4	235	
766	9.622 124	17	9.664 026	20	0.335 974	9.958 098	3	234	
767	9.622 141	16	9.664 046	20	0.335 954	9.958 095	4	233	
768	9.622 157	16	9.664 066	20	0.335 934	9.958 091	3	232	
769	9.622 173	17	9.664 086	19	0.335 914	9.958 088	4	231	
.770	9.622 190	16	9.664 105	20	0.335 895	9.958 084	3	.230	
771	9.622 206	17	9.664 125	20	0.335 875	9.958 081	4	229	
772	9.622 223	16	9.664 145	20	0.335 855	9.958 077	3	228	
773	9.622 239	17	9.664 165	20	0.335 835	9.958 074	4	227	
774	9.622 256	16	9.664 185	20	0.335 815	9.958 070	3	226	
775	9.622 272	16	9.664 205	20	0.335 795	9.958 067	4	225	
776	9.622 288	17	9.664 225	20	0.335 775	9.958 063	3	224	
777	9.622 305	16	9.664 245	20	0.335 755	9.958 060	4	223	
778	9.622 321	17	9.664 265	20	0.335 735	9.958 056	3	222	
779	9.622 338	16	9.664 285	20	0.335 715	9.958 053	4	221	
.780	9.622 354	17	9.664 305	20	0.335 695	9.958 049	3	.220	
781	9.622 371	16	9.664 325	20	0.335 675	9.958 046	4	219	
782	9.622 387	16	9.664 345	19	0.335 655	9.958 042	3	218	
783	9.622 403	17	9.664 364	20	0.335 636	9.958 039	4	217	
784	9.622 420	16	9.664 384	20	0.335 616	9.958 035	3	216	
785	9.622 436	17	9.664 404	20	0.335 596	9.958 032	4	215	
786	9.622 453	16	9.664 424	20	0.335 576	9.958 028	3	214	
787	9.622 469	16	9.664 444	20	0.335 556	9.958 025	4	213	
788	9.622 485	17	9.664 464	20	0.335 536	9.958 021	3	212	
789	9.622 502	16	9.664 484	20	0.335 516	9.958 018	4	211	
.790	9.622 518	17	9.664 504	20	0.335 496	9.958 014	3	.210	
791	9.622 535	16	9.664 524	20	0.335 476	9.958 011	4	209	
792	9.622 551	17	9.664 544	20	0.335 456	9.958 007	3	208	
793	9.622 568	16	9.664 564	19	0.335 436	9.958 004	4	207	
794	9.622 584	16	9.664 583	20	0.335 417	9.958 000	3	206	
795	9.622 600	17	9.664 603	20	0.335 397	9.957 997	4	205	
796	9.622 617	16	9.664 623	20	0.335 377	9.957 993	3	204	
797	9.622 633	17	9.664 643	20	0.335 357	9.957 990	4	203	
798	9.622 650	16	9.664 663	20	0.335 337	9.957 986	3	202	
799	9.622 666	16	9.664 683	20	0.335 317	9.957 983	4	201	
.800	9.622 682		9.664 703		0.335 297	9.957 979		.200	
	cos	d	cotg	d	tang	sin	d	65°	P.P.

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65°.250 — 65°.200

24°.800 — 24°.850

24°	sin	d	tang	d	cotg	cos	d		P.P.
.800	9.622 682	17	9.664 703	20	0.335 297	9.957 979	3	.200	
801	9.622 699	16	9.664 723	20	0.335 277	9.957 976	4	199	
802	9.622 715	17	9.664 743	20	0.335 257	9.957 972	3	198	
803	9.622 732	16	9.664 763	20	0.335 237	9.957 969	4	197	
804	9.622 748	16	9.664 783	19	0.335 217	9.957 965	3	196	
805	9.622 764	17	9.664 802	20	0.335 198	9.957 962	4	195	
806	9.622 781	16	9.664 822	20	0.335 178	9.957 958	3	194	
807	9.622 797	17	9.664 842	20	0.335 158	9.957 955	4	193	
808	9.622 814	16	9.664 862	20	0.335 138	9.957 951	3	192	
809	9.622 830	16	9.664 882	20	0.335 118	9.957 948	4	191	
.810	9.622 846	17	9.664 902	20	0.335 098	9.957 944	3	.190	
811	9.622 863	16	9.664 922	20	0.335 078	9.957 941	4	189	
812	9.622 879	17	9.664 942	20	0.335 058	9.957 937	3	188	
813	9.622 896	16	9.664 962	20	0.335 038	9.957 934	4	187	
814	9.622 912	16	9.664 982	19	0.335 018	9.957 930	3	186	
815	9.622 928	17	9.665 001	20	0.334 999	9.957 927	4	185	
816	9.622 945	16	9.665 021	20	0.334 979	9.957 923	3	184	
817	9.622 961	17	9.665 041	20	0.334 959	9.957 920	4	183	
818	9.622 978	16	9.665 061	20	0.334 939	9.957 916	3	182	
819	9.622 994	16	9.665 081	20	0.334 919	9.957 913	4	181	
.820	9.623 010	17	9.665 101	20	0.334 899	9.957 909	3	.180	
821	9.623 027	16	9.665 121	20	0.334 879	9.957 906	4	179	
822	9.623 043	16	9.665 141	20	0.334 859	9.957 902	3	178	
823	9.623 059	17	9.665 161	20	0.334 839	9.957 899	4	177	
824	9.623 076	16	9.665 181	19	0.334 819	9.957 895	3	176	
825	9.623 092	17	9.665 200	20	0.334 800	9.957 892	4	175	
826	9.623 109	16	9.665 220	20	0.334 780	9.957 888	3	174	
827	9.623 125	16	9.665 240	20	0.334 760	9.957 885	4	173	
828	9.623 141	17	9.665 260	20	0.334 740	9.957 881	3	172	
829	9.623 158	16	9.665 280	20	0.334 720	9.957 878	4	171	
.830	9.623 174	17	9.665 300	20	0.334 700	9.957 874	3	.170	
831	9.623 191	16	9.665 320	20	0.334 680	9.957 871	4	169	
832	9.623 207	16	9.665 340	20	0.334 660	9.957 867	3	168	
833	9.623 223	17	9.665 360	19	0.334 640	9.957 864	4	167	
834	9.623 240	16	9.665 379	20	0.334 621	9.957 860	3	166	
835	9.623 256	16	9.665 399	20	0.334 601	9.957 857	4	165	
836	9.623 272	17	9.665 419	20	0.334 581	9.957 853	3	164	
837	9.623 289	16	9.665 439	20	0.334 561	9.957 850	4	163	
838	9.623 305	17	9.665 459	20	0.334 541	9.957 846	3	162	
839	9.623 322	16	9.665 479	20	0.334 521	9.957 843	4	161	
.840	9.623 338	16	9.665 499	20	0.334 501	9.957 839	3	.160	
841	9.623 354	17	9.665 519	20	0.334 481	9.957 836	4	159	
842	9.623 371	16	9.665 539	19	0.334 461	9.957 832	3	158	
843	9.623 387	16	9.665 558	20	0.334 442	9.957 829	4	157	
844	9.623 403	17	9.665 578	20	0.334 422	9.957 825	3	156	
845	9.623 420	16	9.665 598	20	0.334 402	9.957 822	4	155	
846	9.623 436	17	9.665 618	20	0.334 382	9.957 818	3	154	
847	9.623 453	16	9.665 638	20	0.334 362	9.957 815	4	153	
848	9.623 469	16	9.665 658	20	0.334 342	9.957 811	3	152	
849	9.623 485	17	9.665 678	20	0.334 322	9.957 808	4	151	
.850	9.623 502		9.665 698		0.334 302	9.957 804		.150	
	cos	d	cotg	d	tang	sin	d	65°	P.P.

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65°.200 — 65°.150

24°.850 — 24°.900

24°	sin	d	tang	d	cotg	cos	d		P.P.
.850	9.623 502	16	9.665 698	19	0.334 302	9.957 804	3	**.150**	
851	9.623 518	16	9.665 717	20	0.334 283	9.957 801	4	149	
852	9.623 534	17	9.665 737	20	0.334 263	9.957 797	3	148	
853	9.623 551	16	9.665 757	20	0.334 243	9.957 794	4	147	
854	9.623 567	16	9.665 777	20	0.334 223	9.957 790	3	146	
855	9.623 583	17	9.665 797	20	0.334 203	9.957 787	4	145	
856	9.623 600	16	9.665 817	20	0.334 183	9.957 783	3	144	
857	9.623 616	17	9.665 837	20	0.334 163	9.957 780	4	143	
858	9.623 633	16	9.665 857	19	0.334 143	9.957 776	4	142	
859	9.623 649	16	9.665 876	20	0.334 124	9.957 772	3	141	
.860	9.623 665	17	9.665 896	20	0.334 104	9.957 769	4	**.140**	
861	9.623 682	16	9.665 916	20	0.334 084	9.957 765	3	139	
862	9.623 698	16	9.665 936	20	0.334 064	9.957 762	4	138	
863	9.623 714	17	9.665 956	20	0.334 044	9.957 758	3	137	
864	9.623 731	16	9.665 976	20	0.334 024	9.957 755	4	136	
865	9.623 747	16	9.665 996	20	0.334 004	9.957 751	3	135	
866	9.623 763	17	9.666 016	19	0.333 984	9.957 748	4	134	
867	9.623 780	16	9.666 035	20	0.333 965	9.957 744	3	133	
868	9.623 796	16	9.666 055	20	0.333 945	9.957 741	4	132	
869	9.623 812	17	9.666 075	20	0.333 925	9.957 737	3	131	
.870	9.623 829	16	9.666 095	20	0.333 905	9.957 734	4	**.130**	
871	9.623 845	17	9.666 115	20	0.333 885	9.957 730	3	129	
872	9.623 862	16	9.666 135	20	0.333 865	9.957 727	4	128	
873	9.623 878	16	9.666 155	19	0.333 845	9.957 723	3	127	
874	9.623 894	17	9.666 174	20	0.333 826	9.957 720	4	126	
875	9.623 911	16	9.666 194	20	0.333 806	9.957 716	3	125	
876	9.623 927	16	9.666 214	20	0.333 786	9.957 713	4	124	
877	9.623 943	17	9.666 234	20	0.333 766	9.957 709	3	123	
878	9.623 960	16	9.666 254	20	0.333 746	9.957 706	4	122	
879	9.623 976	16	9.666 274	20	0.333 726	9.957 702	3	121	
.880	9.623 992	17	9.666 294	19	0.333 706	9.957 699	4	**.120**	
881	9.624 009	16	9.666 313	20	0.333 687	9.957 695	3	119	
882	9.624 025	16	9.666 333	20	0.333 667	9.957 692	4	118	
883	9.624 041	17	9.666 353	20	0.333 647	9.957 688	3	117	
884	9.624 058	16	9.666 373	20	0.333 627	9.957 685	4	116	
885	9.624 074	16	9.666 393	20	0.333 607	9.957 681	3	115	
886	9.624 090	17	9.666 413	20	0.333 587	9.957 678	4	114	
887	9.624 107	16	9.666 433	19	0.333 567	9.957 674	3	113	
888	9.624 123	16	9.666 452	20	0.333 548	9.957 671	4	112	
889	9.624 139	17	9.666 472	20	0.333 528	9.957 667	3	111	
.890	9.624 156	16	9.666 492	20	0.333 508	9.957 664	4	**.110**	
891	9.624 172	16	9.666 512	20	0.333 488	9.957 660	3	109	
892	9.624 188	17	9.666 532	20	0.333 468	9.957 657	4	108	
893	9.624 205	16	9.666 552	20	0.333 448	9.957 653	4	107	
894	9.624 221	16	9.666 572	19	0.333 428	9.957 649	3	106	
895	9.624 237	17	9.666 591	20	0.333 409	9.957 646	4	105	
896	9.624 254	16	9.666 611	20	0.333 389	9.957 642	3	104	
897	9.624 270	16	9.666 631	20	0.333 369	9.957 639	4	103	
898	9.624 286	17	9.666 651	20	0.333 349	9.957 635	3	102	
899	9.624 303	16	9.666 671	20	0.333 329	9.957 632	4	101	
.900	9.624 319		9.666 691		0.333 309	9.957 628		**.100**	
	cos	d	cotg	d	tang	sin	d	65°	P.P.

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65°.150 — 65°.100

24°.900 — 24°.950

24°	sin	d	tang	d	cotg	cos	d		P.P.
.900	9.624 319	16	9.666 691	20	0.333 309	9.957 628	3	.100	
901	9.624 335	17	9.666 711	19	0.333 289	9.957 625	4	099	
902	9.624 352	16	9.666 730	20	0.333 270	9.957 621	3	098	
903	9.624 368	16	9.666 750	20	0.333 250	9.957 618	4	097	
904	9.624 384	17	9.666 770	20	0.333 230	9.957 614	3	096	
905	9.624 401	16	9.666 790	20	0.333 210	9.957 611	4	095	
906	9.624 417	16	9.666 810	20	0.333 190	9.957 607	3	094	
907	9.624 433	17	9.666 830	19	0.333 170	9.957 604	4	093	
908	9.624 450	16	9.666 849	20	0.333 151	9.957 600	3	092	
909	9.624 466	16	9.666 869	20	0.333 131	9.957 597	4	091	
.910	9.624 482	17	9.666 889	20	0.333 111	9.957 593	3	.090	
911	9.624 499	16	9.666 909	20	0.333 091	9.957 590	4	089	
912	9.624 515	16	9.666 929	20	0.333 071	9.957 586	3	088	
913	9.624 531	17	9.666 949	19	0.333 051	9.957 583	4	087	
914	9.624 548	16	9.666 968	20	0.333 032	9.957 579	3	086	
915	9.624 564	16	9.666 988	20	0.333 012	9.957 576	4	085	
916	9.624 580	17	9.667 008	20	0.332 992	9.957 572	3	084	
917	9.624 597	16	9.667 028	20	0.332 972	9.957 569	4	083	
918	9.624 613	16	9.667 048	20	0.332 952	9.957 565	4	082	
919	9.624 629	16	9.667 068	20	0.332 932	9.957 561	3	081	
.920	9.624 645	17	9.667 088	19	0.332 912	9.957 558	4	.080	
921	9.624 662	16	9.667 107	20	0.332 893	9.957 554	3	079	
922	9.624 678	16	9.667 127	20	0.332 873	9.957 551	4	078	
923	9.624 694	17	9.667 147	20	0.332 853	9.957 547	3	077	
924	9.624 711	16	9.667 167	20	0.332 833	9.957 544	4	076	
925	9.624 727	16	9.667 187	20	0.332 813	9.957 540	3	075	
926	9.624 743	17	9.667 207	19	0.332 793	9.957 537	4	074	
927	9.624 760	16	9.667 226	20	0.332 774	9.957 533	3	073	
928	9.624 776	16	9.667 246	20	0.332 754	9.957 530	4	072	
929	9.624 792	17	9.667 266	20	0.332 734	9.957 526	3	071	
.930	9.624 809	16	9.667 286	20	0.332 714	9.957 523	4	.070	
931	9.624 825	16	9.667 306	20	0.332 694	9.957 519	3	069	
932	9.624 841	17	9.667 326	19	0.332 674	9.957 516	4	068	
933	9.624 858	16	9.667 345	20	0.332 655	9.957 512	3	067	
934	9.624 874	16	9.667 365	20	0.332 635	9.957 509	4	066	
935	9.624 890	16	9.667 385	20	0.332 615	9.957 505	3	065	
936	9.624 906	17	9.667 405	20	0.332 595	9.957 502	4	064	
937	9.624 923	16	9.667 425	19	0.332 575	9.957 498	3	063	
938	9.624 939	16	9.667 444	20	0.332 556	9.957 495	4	062	
939	9.624 955	17	9.667 464	20	0.332 536	9.957 491	4	061	
.940	9.624 972	16	9.667 484	20	0.332 516	9.957 487	3	.060	
941	9.624 988	16	9.667 504	20	0.332 496	9.957 484	4	059	
942	9.625 004	17	9.667 524	20	0.332 476	9.957 480	3	058	
943	9.625 021	16	9.667 544	19	0.332 456	9.957 477	4	057	
944	9.625 037	16	9.667 563	20	0.332 437	9.957 473	3	056	
945	9.625 053	16	9.667 583	20	0.332 417	9.957 470	4	055	
946	9.625 069	17	9.667 603	20	0.332 397	9.957 466	3	054	
947	9.625 086	16	9.667 623	20	0.332 377	9.957 463	4	053	
948	9.625 102	16	9.667 643	20	0.332 357	9.957 459	3	052	
949	9.625 118	17	9.667 663	19	0.332 337	9.957 456	4	051	
.950	9.625 135		9.667 682		0.332 318	9.957 452		.050	
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65°.100 — 65°.050

24°.950 — 25°.000

24°	sin	d	tang	d	cotg	cos	d		P.P.
.950	9.625 135	16	9.667 682	20	0.332 318	9.957 452	3	.050	
951	9.625 151	16	9.667 702	20	0.332 298	9.957 449	4	049	
952	9.625 167	16	9.667 722	20	0.332 278	9.957 445	3	048	
953	9.625 183	17	9.667 742	20	0.332 258	9.957 442	4	047	
954	9.625 200	16	9.667 762	19	0.332 238	9.957 438	3	046	
955	9.625 216	16	9.667 781	20	0.332 219	9.957 435	4	045	
956	9.625 232	17	9.667 801	20	0.332 199	9.957 431	3	044	
957	9.625 249	16	9.667 821	20	0.332 179	9.957 428	4	043	
958	9.625 265	16	9.667 841	20	0.332 159	9.957 424	4	042	
959	9.625 281	16	9.667 861	19	0.332 139	9.957 420	3	041	
.960	9.625 297	17	9.667 880	20	0.332 120	9.957 417	4	.040	
961	9.625 314	16	9.667 900	20	0.332 100	9.957 413	3	039	
962	9.625 330	16	9.667 920	20	0.332 080	9.957 410	4	038	
963	9.625 346	17	9.667 940	20	0.332 060	9.957 406	3	037	
964	9.625 363	16	9.667 960	20	0.332 040	9.957 403	4	036	
965	9.625 379	16	9.667 980	19	0.332 020	9.957 399	3	035	
966	9.625 395	16	9.667 999	20	0.332 001	9.957 396	4	034	
967	9.625 411	17	9.668 019	20	0.331 981	9.957 392	3	033	
968	9.625 428	16	9.668 039	20	0.331 961	9.957 389	4	032	
969	9.625 444	16	9.668 059	20	0.331 941	9.957 385	3	031	
.970	9.625 460	17	9.668 079	19	0.331 921	9.957 382	4	.030	
971	9.625 477	16	9.668 098	20	0.331 902	9.957 378	3	029	
972	9.625 493	16	9.668 118	20	0.331 882	9.957 375	4	028	
973	9.625 509	16	9.668 138	20	0.331 862	9.957 371	3	027	
974	9.625 525	17	9.668 158	20	0.331 842	9.957 368	4	026	
975	9.625 542	16	9.668 178	19	0.331 822	9.957 364	4	025	
976	9.625 558	16	9.668 197	20	0.331 803	9.957 360	3	024	
977	9.625 574	16	9.668 217	20	0.331 783	9.957 357	4	023	
978	9.625 590	17	9.668 237	20	0.331 763	9.957 353	3	022	
979	9.625 607	16	9.668 257	20	0.331 743	9.957 350	4	021	
.980	9.625 623	16	9.668 277	19	0.331 723	9.957 346	3	.020	
981	9.625 639	17	9.668 296	20	0.331 704	9.957 343	4	019	
982	9.625 656	16	9.668 316	20	0.331 684	9.957 339	3	018	
983	9.625 672	16	9.668 336	20	0.331 664	9.957 336	4	017	
984	9.625 688	16	9.668 356	20	0.331 644	9.957 332	3	016	
985	9.625 704	17	9.668 376	19	0.331 624	9.957 329	4	015	
986	9.625 721	16	9.668 395	20	0.331 605	9.957 325	3	014	
987	9.625 737	16	9.668 415	20	0.331 585	9.957 322	4	013	
988	9.625 753	16	9.668 435	20	0.331 565	9.957 318	3	012	
989	9.625 769	17	9.668 455	20	0.331 545	9.957 315	4	011	
.990	9.625 786	16	9.668 475	19	0.331 525	9.957 311	3	.010	
991	9.625 802	16	9.668 494	20	0.331 506	9.957 308	4	009	
992	9.625 818	16	9.668 514	20	0.331 486	9.957 304	4	008	
993	9.625 834	17	9.668 534	20	0.331 466	9.957 300	3	007	
994	9.625 851	16	9.668 554	20	0.331 446	9.957 297	4	006	
995	9.625 867	16	9.668 574	19	0.331 426	9.957 293	3	005	
996	9.625 883	16	9.668 593	20	0.331 407	9.957 290	4	004	
997	9.625 899	17	9.668 613	20	0.331 387	9.957 286	3	003	
998	9.625 916	16	9.668 633	20	0.331 367	9.957 283	4	002	
999	9.625 932	16	9.668 653	20	0.331 347	9.957 279	3	001	
*.000	9.625 948		9.668 673		0.331 327	9.957 276		.000	
	cos	d	cotg	d	tang	sin	d	65°	P.P.

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65°.050 — 65°.000

25°.000 — 25°.050

25°	sin	d	tang	d	cotg	cos	d		P.P.
.000	9.625 948	17	9.668 673	19	0.331 327	9.957 276	4	***000**	
001	9.625 965	16	9.668 692	20	0.331 308	9.957 272	3	999	
002	9.625 981	16	9.668 712	20	0.331 288	9.957 269	4	998	
003	9.625 997	16	9.668 732	20	0.331 268	9.957 265	3	997	
004	9.626 013	17	9.668 752	19	0.331 248	9.957 262	4	996	
005	9.626 030	16	9.668 771	20	0.331 229	9.957 258	3	995	
006	9.626 046	16	9.668 791	20	0.331 209	9.957 255	4	994	
007	9.626 062	16	9.668 811	20	0.331 189	9.957 251	4	993	
008	9.626 078	17	9.668 831	20	0.331 169	9.957 247	3	992	
009	9.626 095	16	9.668 851	19	0.331 149	9.957 244	4	991	
.010	9.626 111	16	9.668 870	20	0.331 130	9.957 240	3	**.990**	
011	9.626 127	16	9.668 890	20	0.331 110	9.957 237	4	989	
012	9.626 143	17	9.668 910	20	0.331 090	9.957 233	3	988	
013	9.626 160	16	9.668 930	20	0.331 070	9.957 230	4	987	
014	9.626 176	16	9.668 950	19	0.331 050	9.957 226	3	986	
015	9.626 192	16	9.668 969	20	0.331 031	9.957 223	4	985	
016	9.626 208	16	9.668 989	20	0.331 011	9.957 219	3	984	
017	9.626 224	17	9.669 009	20	0.330 991	9.957 216	4	983	
018	9.626 241	16	9.669 029	19	0.330 971	9.957 212	3	982	
019	9.626 257	16	9.669 048	20	0.330 952	9.957 209	4	981	
.020	9.626 273	16	9.669 068	20	0.330 932	9.957 205	4	**.980**	
021	9.626 289	17	9.669 088	20	0.330 912	9.957 201	3	979	
022	9.626 306	16	9.669 108	20	0.330 892	9.957 198	4	978	
023	9.626 322	16	9.669 128	19	0.330 872	9.957 194	3	977	
024	9.626 338	16	9.669 147	20	0.330 853	9.957 191	4	976	
025	9.626 354	17	9.669 167	20	0.330 833	9.957 187	3	975	
026	9.626 371	16	9.669 187	20	0.330 813	9.957 184	4	974	
027	9.626 387	16	9.669 207	19	0.330 793	9.957 180	3	973	
028	9.626 403	16	9.669 226	20	0.330 774	9.957 177	4	972	
029	9.626 419	17	9.669 246	20	0.330 754	9.957 173	3	971	
.030	9.626 436	16	9.669 266	20	0.330 734	9.957 170	4	**.970**	
031	9.626 452	16	9.669 286	20	0.330 714	9.957 166	3	969	
032	9.626 468	16	9.669 306	19	0.330 694	9.957 163	4	968	
033	9.626 484	17	9.669 325	20	0.330 675	9.957 159	4	967	
034	9.626 501	16	9.669 345	20	0.330 655	9.957 155	3	966	
035	9.626 517	16	9.669 365	20	0.330 635	9.957 152	4	965	
036	9.626 533	16	9.669 385	19	0.330 615	9.957 148	3	964	
037	9.626 549	16	9.669 404	20	0.330 596	9.957 145	4	963	
038	9.626 565	17	9.669 424	20	0.330 576	9.957 141	3	962	
039	9.626 582	16	9.669 444	20	0.330 556	9.957 138	4	961	
.040	9.626 598	16	9.669 464	19	0.330 536	9.957 134	3	**.960**	
041	9.626 614	16	9.669 483	20	0.330 517	9.957 131	4	959	
042	9.626 630	17	9.669 503	20	0.330 497	9.957 127	3	958	
043	9.626 647	16	9.669 523	20	0.330 477	9.957 124	4	957	
044	9.626 663	16	9.669 543	19	0.330 457	9.957 120	4	956	
045	9.626 679	16	9.669 562	20	0.330 438	9.957 116	3	955	
046	9.626 695	16	9.669 582	20	0.330 418	9.957 113	4	954	
047	9.626 711	17	9.669 602	20	0.330 398	9.957 109	3	953	
048	9.626 728	16	9.669 622	20	0.330 378	9.957 106	4	952	
049	9.626 744	16	9.669 642	19	0.330 358	9.957 102	3	951	
.050	9.626 760		9.669 661		0.330 339	9.957 099		**.950**	
	cos	d	cotg	d	tang	sin	d	64°	P.P.

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65°.000 — 64°.950

25°.050 — 25°.100

25°	sin	d	tang	d	cotg	cos	d		P.P.
.050	9.626 760	16	9.669 661	20	0.330 339	9.957 099	4	**.950**	
051	9.626 776	17	9.669 681	20	0.330 319	9.957 095	3	949	
052	9.626 793	16	9.669 701	20	0.330 299	9.957 092	4	948	
053	9.626 809	16	9.669 721	19	0.330 279	9.957 088	3	947	
054	9.626 825	16	9.669 740	20	0.330 260	9.957 085	4	946	
055	9.626 841	16	9.669 760	20	0.330 240	9.957 081	3	945	
056	9.626 857	17	9.669 780	20	0.330 220	9.957 078	4	944	
057	9.626 874	16	9.669 800	19	0.330 200	9.957 074	4	943	
058	9.626 890	16	9.669 819	20	0.330 181	9.957 070	3	942	
059	9.626 906	16	9.669 839	20	0.330 161	9.957 067	4	941	
.060	9.626 922	16	9.669 859	20	0.330 141	9.957 063	3	**.940**	
061	9.626 938	17	9.669 879	19	0.330 121	9.957 060	4	939	
062	9.626 955	16	9.669 898	20	0.330 102	9.957 056	3	938	
063	9.626 971	16	9.669 918	20	0.330 082	9.957 053	4	937	
064	9.626 987	16	9.669 938	20	0.330 062	9.957 049	3	936	
065	9.627 003	16	9.669 958	19	0.330 042	9.957 046	4	935	
066	9.627 019	17	9.669 977	20	0.330 023	9.957 042	3	934	
067	9.627 036	16	9.669 997	20	0.330 003	9.957 039	4	933	
068	9.627 052	16	9.670 017	20	0.329 983	9.957 035	4	932	
069	9.627 068	16	9.670 037	19	0.329 963	9.957 031	3	931	
.070	9.627 084	17	9.670 056	20	0.329 944	9.957 028	4	**.930**	
071	9.627 101	16	9.670 076	20	0.329 924	9.957 024	3	929	
072	9.627 117	16	9.670 096	20	0.329 904	9.957 021	4	928	
073	9.627 133	16	9.670 116	19	0.329 884	9.957 017	3	927	
074	9.627 149	16	9.670 135	20	0.329 865	9.957 014	4	926	
075	9.627 165	17	9.670 155	20	0.329 845	9.957 010	3	925	
076	9.627 182	16	9.670 175	20	0.329 825	9.957 007	4	924	
077	9.627 198	16	9.670 195	19	0.329 805	9.957 003	3	923	
078	9.627 214	16	9.670 214	20	0.329 786	9.957 000	4	922	
079	9.627 230	16	9.670 234	20	0.329 766	9.956 996	4	921	
.080	9.627 246	16	9.670 254	20	0.329 746	9.956 992	3	**.920**	
081	9.627 262	17	9.670 274	19	0.329 726	9.956 989	4	919	
082	9.627 279	16	9.670 293	20	0.329 707	9.956 985	3	918	
083	9.627 295	16	9.670 313	20	0.329 687	9.956 982	4	917	
084	9.627 311	16	9.670 333	20	0.329 667	9.956 978	3	916	
085	9.627 327	16	9.670 353	19	0.329 647	9.956 975	4	915	
086	9.627 343	17	9.670 372	20	0.329 628	9.956 971	3	914	
087	9.627 360	16	9.670 392	20	0.329 608	9.956 968	4	913	
088	9.627 376	16	9.670 412	20	0.329 588	9.956 964	4	912	
089	9.627 392	16	9.670 432	19	0.329 568	9.956 960	3	911	
.090	9.627 408	16	9.670 451	20	0.329 549	9.956 957	4	**.910**	
091	9.627 424	17	9.670 471	20	0.329 529	9.956 953	3	909	
092	9.627 441	16	9.670 491	19	0.329 509	9.956 950	4	908	
093	9.627 457	16	9.670 510	20	0.329 490	9.956 946	3	907	
094	9.627 473	16	9.670 530	20	0.329 470	9.956 943	4	906	
095	9.627 489	16	9.670 550	20	0.329 450	9.956 939	3	905	
096	9.627 505	17	9.670 570	19	0.329 430	9.956 936	4	904	
097	9.627 522	16	9.670 589	20	0.329 411	9.956 932	3	903	
098	9.627 538	16	9.670 609	20	0.329 391	9.956 929	4	902	
099	9.627 554	16	9.670 629	20	0.329 371	9.956 925	4	901	
.100	9.627 570		9.670 649		0.329 351	9.956 921		**.900**	
	cos	d	cotg	d	tang	sin	d	64°	P.P.

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64°.950 — 64°.900

25°.100 — 25°.150

25°	sin	d	tang	d	cotg	cos	d		P.P.
.100	9.627 570	16	9.670 649	19	0.329 351	9.956 921	3	.900	
101	9.627 586	16	9.670 668	20	0.329 332	9.956 918	4	899	
102	9.627 602	17	9.670 688	20	0.329 312	9.956 914	3	898	
103	9.627 619	16	9.670 708	20	0.329 292	9.956 911	4	897	
104	9.627 635	16	9.670 728	19	0.329 272	9.956 907	3	896	
105	9.627 651	16	9.670 747	20	0.329 253	9.956 904	4	895	
106	9.627 667	16	9.670 767	20	0.329 233	9.956 900	3	894	
107	9.627 683	16	9.670 787	19	0.329 213	9.956 897	4	893	
108	9.627 699	17	9.670 806	20	0.329 194	9.956 893	4	892	
109	9.627 716	16	9.670 826	20	0.329 174	9.956 889	3	891	
.110	9.627 732	16	9.670 846	20	0.329 154	9.956 886	4	.890	
111	9.627 748	16	9.670 866	19	0.329 134	9.956 882	3	889	
112	9.627 764	16	9.670 885	20	0.329 115	9.956 879	4	888	
113	9.627 780	17	9.670 905	20	0.329 095	9.956 875	3	887	
114	9.627 797	16	9.670 925	20	0.329 075	9.956 872	4	886	
115	9.627 813	16	9.670 945	19	0.329 055	9.956 868	3	885	
116	9.627 829	16	9.670 964	20	0.329 036	9.956 865	4	884	
117	9.627 845	16	9.670 984	20	0.329 016	9.956 861	3	883	
118	9.627 861	16	9.671 004	19	0.328 996	9.956 858	4	882	
119	9.627 877	17	9.671 023	20	0.328 977	9.956 854	4	881	
.120	9.627 894	16	9.671 043	20	0.328 957	9.956 850	3	.880	
121	9.627 910	16	9.671 063	20	0.328 937	9.956 847	4	879	
122	9.627 926	16	9.671 083	19	0.328 917	9.956 843	3	878	
123	9.627 942	16	9.671 102	20	0.328 898	9.956 840	4	877	
124	9.627 958	16	9.671 122	20	0.328 878	9.956 836	3	876	
125	9.627 974	17	9.671 142	19	0.328 858	9.956 833	4	875	
126	9.627 991	16	9.671 161	20	0.328 839	9.956 829	3	874	
127	9.628 007	16	9.671 181	20	0.328 819	9.956 826	4	873	
128	9.628 023	16	9.671 201	20	0.328 799	9.956 822	4	872	
129	9.628 039	16	9.671 221	19	0.328 779	9.956 818	3	871	
.130	9.628 055	16	9.671 240	20	0.328 760	9.956 815	4	.870	
131	9.628 071	16	9.671 260	20	0.328 740	9.956 811	3	869	
132	9.628 087	17	9.671 280	19	0.328 720	9.956 808	4	868	
133	9.628 104	16	9.671 299	20	0.328 701	9.956 804	3	867	
134	9.628 120	16	9.671 319	20	0.328 681	9.956 801	4	866	
135	9.628 136	16	9.671 339	20	0.328 661	9.956 797	3	865	
136	9.628 152	16	9.671 359	19	0.328 641	9.956 794	4	864	
137	9.628 168	16	9.671 378	20	0.328 622	9.956 790	4	863	
138	9.628 184	17	9.671 398	20	0.328 602	9.956 786	3	862	
139	9.628 201	16	9.671 418	19	0.328 582	9.956 783	4	861	
.140	9.628 217	16	9.671 437	20	0.328 563	9.956 779	3	.860	
141	9.628 233	16	9.671 457	20	0.328 543	9.956 776	4	859	
142	9.628 249	16	9.671 477	20	0.328 523	9.956 772	3	858	
143	9.628 265	16	9.671 497	19	0.328 503	9.956 769	4	857	
144	9.628 281	16	9.671 516	20	0.328 484	9.956 765	3	856	
145	9.628 297	17	9.671 536	20	0.328 464	9.956 762	4	855	
146	9.628 314	16	9.671 556	19	0.328 444	9.956 758	4	854	
147	9.628 330	16	9.671 575	20	0.328 425	9.956 754	3	853	
148	9.628 346	16	9.671 595	20	0.328 405	9.956 751	4	852	
149	9.628 362	16	9.671 615	20	0.328 385	9.956 747	3	851	
.150	9.628 378		9.671 635		0.328 365	9.956 744		.850	
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64°.900 — 64°.850

25°.150 — 25°.200

25°	sin	d	tang	d	cotg	cos	d		P.P.
.150	9.628 378	16	9.671 635	19	0.328 365	9.956 744	4	**.850**	
151	9.628 394	17	9.671 654	20	0.328 346	9.956 740	3	849	
152	9.628 411	16	9.671 674	20	0.328 326	9.956 737	4	848	
153	9.628 427	16	9.671 694	19	0.328 306	9.956 733	4	847	
154	9.628 443	16	9.671 713	20	0.328 287	9.956 729	3	846	
155	9.628 459	16	9.671 733	20	0.328 267	9.956 726	4	845	
156	9.628 475	16	9.671 753	19	0.328 247	9.956 722	3	844	
157	9.628 491	16	9.671 772	20	0.328 228	9.956 719	4	843	
158	9.628 507	16	9.671 792	20	0.328 208	9.956 715	3	842	
159	9.628 523	17	9.671 812	20	0.328 188	9.956 712	4	841	
.160	9.628 540	16	9.671 832	19	0.328 168	9.956 708	3	**.840**	
161	9.628 556	16	9.671 851	20	0.328 149	9.956 705	4	839	
162	9.628 572	16	9.671 871	20	0.328 129	9.956 701	4	838	
163	9.628 588	16	9.671 891	19	0.328 109	9.956 697	3	837	
164	9.628 604	16	9.671 910	20	0.328 090	9.956 694	4	836	
165	9.628 620	16	9.671 930	20	0.328 070	9.956 690	3	835	
166	9.628 636	17	9.671 950	19	0.328 050	9.956 687	4	834	
167	9.628 653	16	9.671 969	20	0.328 031	9.956 683	3	833	
168	9.628 669	16	9.671 989	20	0.328 011	9.956 680	4	832	
169	9.628 685	16	9.672 009	19	0.327 991	9.956 676	3	831	
.170	9.628 701	16	9.672 028	20	0.327 972	9.956 673	4	**.830**	
171	9.628 717	16	9.672 048	20	0.327 952	9.956 669	4	829	
172	9.628 733	16	9.672 068	20	0.327 932	9.956 665	3	828	
173	9.628 749	16	9.672 088	19	0.327 912	9.956 662	4	827	
174	9.628 765	17	9.672 107	20	0.327 893	9.956 658	3	826	
175	9.628 782	16	9.672 127	20	0.327 873	9.956 655	4	825	
176	9.628 798	16	9.672 147	19	0.327 853	9.956 651	3	824	
177	9.628 814	16	9.672 166	20	0.327 834	9.956 648	4	823	
178	9.628 830	16	9.672 186	20	0.327 814	9.956 644	4	822	
179	9.628 846	16	9.672 206	19	0.327 794	9.956 640	3	821	
.180	9.628 862	16	9.672 225	20	0.327 775	9.956 637	4	**.820**	
181	9.628 878	16	9.672 245	20	0.327 755	9.956 633	3	819	
182	9.628 894	17	9.672 265	19	0.327 735	9.956 630	4	818	
183	9.628 911	16	9.672 284	20	0.327 716	9.956 626	3	817	
184	9.628 927	16	9.672 304	20	0.327 696	9.956 623	4	816	
185	9.628 943	16	9.672 324	19	0.327 676	9.956 619	4	815	
186	9.628 959	16	9.672 343	20	0.327 657	9.956 615	3	814	
187	9.628 975	16	9.672 363	20	0.327 637	9.956 612	4	813	
188	9.628 991	16	9.672 383	20	0.327 617	9.956 608	3	812	
189	9.629 007	16	9.672 403	19	0.327 597	9.956 605	4	811	
.190	9.629 023	17	9.672 422	20	0.327 578	9.956 601	3	**.810**	
191	9.629 040	16	9.672 442	20	0.327 558	9.956 598	4	809	
192	9.629 056	16	9.672 462	19	0.327 538	9.956 594	3	808	
193	9.629 072	16	9.672 481	20	0.327 519	9.956 591	4	807	
194	9.629 088	16	9.672 501	20	0.327 499	9.956 587	4	806	
195	9.629 104	16	9.672 521	19	0.327 479	9.956 583	3	805	
196	9.629 120	16	9.672 540	20	0.327 460	9.956 580	4	804	
197	9.629 136	16	9.672 560	20	0.327 440	9.956 576	3	803	
198	9.629 152	16	9.672 580	19	0.327 420	9.956 573	4	802	
199	9.629 168	17	9.672 599	20	0.327 401	9.956 569	3	801	
.200	9.629 185		9.672 619		0.327 381	9.956 566		**.800**	
	cos	d	cotg	d	tang	sin	d	64°	P.P.

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64°.850 — 64°.800

25°.200 — 25°.250

25°	sin	d	tang	d	cotg	cos	d		P.P.
.200	9.629 185		9.672 619		0.327 381	9.956 566		.800	
		16		20			4		
201	9.629 201		9.672 639		0.327 361	9.956 562		799	
		16		19			4		
202	9.629 217		9.672 658		0.327 342	9.956 558		798	
		16		20			3		
203	9.629 233		9.672 678		0.327 322	9.956 555		797	
		16		20			4		
204	9.629 249		9.672 698		0.327 302	9.956 551		796	
		16		19			3		
205	9.629 265		9.672 717		0.327 283	9.956 548		795	
		16		20			4		
206	9.629 281		9.672 737		0.327 263	9.956 544		794	
		16		20			3		
207	9.629 297		9.672 757		0.327 243	9.956 541		793	
		16		19			4		
208	9.629 313		9.672 776		0.327 224	9.956 537		792	
		16		20			4		
209	9.629 329		9.672 796		0.327 204	9.956 533		791	
		17		20			3		
.210	9.629 346		9.672 816		0.327 184	9.956 530		.790	
		16		19			4		
211	9.629 362		9.672 835		0.327 165	9.956 526		789	
		16		20			3		
212	9.629 378		9.672 855		0.327 145	9.956 523		788	
		16		20			4		
213	9.629 394		9.672 875		0.327 125	9.956 519		787	
		16		19			3		
214	9.629 410		9.672 894		0.327 106	9.956 516		786	
		16		20			4		
215	9.629 426		9.672 914		0.327 086	9.956 512		785	
		16		20			4		
216	9.629 442		9.672 934		0.327 066	9.956 508		784	
		16		19			3		
217	9.629 458		9.672 953		0.327 047	9.956 505		783	
		16		20			4		
218	9.629 474		9.672 973		0.327 027	9.956 501		782	
		16		20			3		
219	9.629 490		9.672 993		0.327 007	9.956 498		781	
		17		19			4		
.220	9.629 507		9.673 012		0.326 988	9.956 494		.780	
		16		20			3		
221	9.629 523		9.673 032		0.326 968	9.956 491		779	
		16		20			4		
222	9.629 539		9.673 052		0.326 948	9.956 487		778	
		16		19			4		
223	9.629 555		9.673 071		0.326 929	9.956 483		777	
		16		20			3		
224	9.629 571		9.673 091		0.326 909	9.956 480		776	
		16		20			4		
225	9.629 587		9.673 111		0.326 889	9.956 476		775	
		16		19			3		
226	9.629 603		9.673 130		0.326 870	9.956 473		774	
		16		20			4		
227	9.629 619		9.673 150		0.326 850	9.956 469		773	
		16		20			3		
228	9.629 635		9.673 170		0.326 830	9.956 466		772	
		16		19			4		
229	9.629 651		9.673 189		0.326 811	9.956 462		771	
		16		20			4		
.230	9.629 667		9.673 209		0.326 791	9.956 458		.770	
		17		20			3		
231	9.629 684		9.673 229		0.326 771	9.956 455		769	
		16		19			4		
232	9.629 700		9.673 248		0.326 752	9.956 451		768	
		16		20			3		
233	9.629 716		9.673 268		0.326 732	9.956 448		767	
		16		20			4		
234	9.629 732		9.673 288		0.326 712	9.956 444		766	
		16		19			3		
235	9.629 748		9.673 307		0.326 693	9.956 441		765	
		16		20			4		
236	9.629 764		9.673 327		0.326 673	9.956 437		764	
		16		20			4		
237	9.629 780		9.673 347		0.326 653	9.956 433		763	
		16		19			3		
238	9.629 796		9.673 366		0.326 634	9.956 430		762	
		16		20			4		
239	9.629 812		9.673 386		0.326 614	9.956 426		761	
		16		19			3		
.240	9.629 828		9.673 405		0.326 595	9.956 423		.760	
		16		20			4		
241	9.629 844		9.673 425		0.326 575	9.956 419		759	
		16		20			3		
242	9.629 860		9.673 445		0.326 555	9.956 416		758	
		17		19			4		
243	9.629 877		9.673 464		0.326 536	9.956 412		757	
		16		20			4		
244	9.629 893		9.673 484		0.326 516	9.956 408		756	
		16		20			3		
245	9.629 909		9.673 504		0.326 496	9.956 405		755	
		16		19			4		
246	9.629 925		9.673 523		0.326 477	9.956 401		754	
		16		20			3		
247	9.629 941		9.673 543		0.326 457	9.956 398		753	
		16		20			4		
248	9.629 957		9.673 563		0.326 437	9.956 394		752	
		16		19			3		
249	9.629 973		9.673 582		0.326 418	9.956 391		751	
		16		20			4		
.250	9.629 989		9.673 602		0.326 398	9.956 387		.750	
	cos	d	cotg	d	tang	sin	d	64°	P.P.

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64°.800 — 64°.750

25°.250 — 25°.300

25°	sin	d	tang	d	cotg	cos	d		P.P.
.250	9.629 989	16	9.673 602	20	0.326 398	9.956 387	4	.750	
251	9.630 005	16	9.673 622	19	0.326 378	9.956 383	3	749	
252	9.630 021	16	9.673 641	20	0.326 359	9.956 380	4	748	
253	9.630 037	16	9.673 661	20	0.326 339	9.956 376	3	747	
254	9.630 053	16	9.673 681	19	0.326 319	9.956 373	4	746	
255	9.630 069	16	9.673 700	20	0.326 300	9.956 369	3	745	
256	9.630 085	17	9.673 720	20	0.326 280	9.956 366	4	744	
257	9.630 102	16	9.673 740	19	0.326 260	9.956 362	4	743	
258	9.630 118	16	9.673 759	20	0.326 241	9.956 358	3	742	
259	9.630 134	16	9.673 779	19	0.326 221	9.956 355	4	741	
.260	9.630 150	16	9.673 798	20	0.326 202	9.956 351	3	.740	
261	9.630 166	16	9.673 818	20	0.326 182	9.956 348	4	739	
262	9.630 182	16	9.673 838	19	0.326 162	9.956 344	3	738	
263	9.630 198	16	9.673 857	20	0.326 143	9.956 341	4	737	
264	9.630 214	16	9.673 877	20	0.326 123	9.956 337	4	736	
265	9.630 230	16	9.673 897	19	0.326 103	9.956 333	3	735	
266	9.630 246	16	9.673 916	20	0.326 084	9.956 330	4	734	
267	9.630 262	16	9.673 936	20	0.326 064	9.956 326	3	733	
268	9.630 278	16	9.673 956	19	0.326 044	9.956 323	4	732	
269	9.630 294	16	9.673 975	20	0.326 025	9.956 319	3	731	
.270	9.630 310	16	9.673 995	19	0.326 005	9.956 316	4	.730	
271	9.630 326	16	9.674 014	20	0.325 986	9.956 312	4	729	
272	9.630 342	16	9.674 034	20	0.325 966	9.956 308	3	728	
273	9.630 358	17	9.674 054	19	0.325 946	9.956 305	4	727	
274	9.630 375	16	9.674 073	20	0.325 927	9.956 301	3	726	
275	9.630 391	16	9.674 093	20	0.325 907	9.956 298	4	725	
276	9.630 407	16	9.674 113	19	0.325 887	9.956 294	4	724	
277	9.630 423	16	9.674 132	20	0.325 868	9.956 290	3	723	
278	9.630 439	16	9.674 152	20	0.325 848	9.956 287	4	722	
279	9.630 455	16	9.674 172	19	0.325 828	9.956 283	3	721	
.280	9.630 471	16	9.674 191	20	0.325 809	9.956 280	4	.720	
281	9.630 487	16	9.674 211	19	0.325 789	9.956 276	3	719	
282	9.630 503	16	9.674 230	20	0.325 770	9.956 273	4	718	
283	9.630 519	16	9.674 250	20	0.325 750	9.956 269	4	717	
284	9.630 535	16	9.674 270	19	0.325 730	9.956 265	3	716	
285	9.630 551	16	9.674 289	20	0.325 711	9.956 262	4	715	
286	9.630 567	16	9.674 309	20	0.325 691	9.956 258	3	714	
287	9.630 583	16	9.674 329	19	0.325 671	9.956 255	4	713	
288	9.630 599	16	9.674 348	20	0.325 652	9.956 251	4	712	
289	9.630 615	16	9.674 368	19	0.325 632	9.956 247	3	711	
.290	9.630 631	16	9.674 387	20	0.325 613	9.956 244	4	.710	
291	9.630 647	16	9.674 407	20	0.325 593	9.956 240	3	709	
292	9.630 663	16	9.674 427	19	0.325 573	9.956 237	4	708	
293	9.630 679	16	9.674 446	20	0.325 554	9.956 233	3	707	
294	9.630 695	17	9.674 466	20	0.325 534	9.956 230	4	706	
295	9.630 712	16	9.674 486	19	0.325 514	9.956 226	4	705	
296	9.630 728	16	9.674 505	20	0.325 495	9.956 222	3	704	
297	9.630 744	16	9.674 525	19	0.325 475	9.956 219	4	703	
298	9.630 760	16	9.674 544	20	0.325 456	9.956 215	3	702	
299	9.630 776	16	9.674 564	20	0.325 436	9.956 212	4	701	
.300	9.630 792		9.674 584		0.325 416	9.956 208		.700	
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64°.750 — 64°.700

25°.300 — 25°.350

25°	sin	d	tang	d	cotg	cos	d		P.P.
.300	9.630 792	16	9.674 584	19	0.325 416	9.956 208	3	**.700**	
301	9.630 808	16	9.674 603	20	0.325 397	9.956 205	4	699	
302	9.630 824	16	9.674 623	19	0.325 377	9.956 201	4	698	
303	9.630 840	16	9.674 642	20	0.325 358	9.956 197	3	697	
304	9.630 856	16	9.674 662	20	0.325 338	9.956 194	4	696	
305	9.630 872	16	9.674 682	19	0.325 318	9.956 190	3	695	
306	9.630 888	16	9.674 701	20	0.325 299	9.956 187	4	694	
307	9.630 904	16	9.674 721	20	0.325 279	9.956 183	4	693	
308	9.630 920	16	9.674 741	19	0.325 259	9.956 179	3	692	
309	9.630 936	16	9.674 760	20	0.325 240	9.956 176	4	691	
.310	9.630 952	16	9.674 780	19	0.325 220	9.956 172	3	**.690**	
311	9.630 968	16	9.674 799	20	0.325 201	9.956 169	4	689	
312	9.630 984	16	9.674 819	20	0.325 181	9.956 165	4	688	
313	9.631 000	16	9.674 839	19	0.325 161	9.956 161	3	687	
314	9.631 016	16	9.674 858	20	0.325 142	9.956 158	4	686	
315	9.631 032	16	9.674 878	19	0.325 122	9.956 154	3	685	
316	9.631 048	16	9.674 897	20	0.325 103	9.956 151	4	684	
317	9.631 064	16	9.674 917	20	0.325 083	9.956 147	3	683	
318	9.631 080	16	9.674 937	19	0.325 063	9.956 144	4	682	
319	9.631 096	16	9.674 956	20	0.325 044	9.956 140	4	681	
.320	9.631 112	16	9.674 976	19	0.325 024	9.956 136	3	**.680**	
321	9.631 128	16	9.674 995	20	0.325 005	9.956 133	4	679	
322	9.631 144	16	9.675 015	20	0.324 985	9.956 129	3	678	
323	9.631 160	16	9.675 035	19	0.324 965	9.956 126	4	677	
324	9.631 176	16	9.675 054	20	0.324 946	9.956 122	4	676	
325	9.631 192	16	9.675 074	19	0.324 926	9.956 118	3	675	
326	9.631 208	16	9.675 093	20	0.324 907	9.956 115	4	674	
327	9.631 224	16	9.675 113	20	0.324 887	9.956 111	3	673	
328	9.631 240	16	9.675 133	19	0.324 867	9.956 108	4	672	
329	9.631 256	16	9.675 152	20	0.324 848	9.956 104	3	671	
.330	9.631 272	16	9.675 172	20	0.324 828	9.956 101	4	**.670**	
331	9.631 288	16	9.675 192	19	0.324 808	9.956 097	4	669	
332	9.631 304	16	9.675 211	20	0.324 789	9.956 093	3	668	
333	9.631 320	16	9.675 231	19	0.324 769	9.956 090	4	667	
334	9.631 336	16	9.675 250	20	0.324 750	9.956 086	3	666	
335	9.631 352	17	9.675 270	20	0.324 730	9.956 083	4	665	
336	9.631 369	16	9.675 290	19	0.324 710	9.956 079	4	664	
337	9.631 385	16	9.675 309	20	0.324 691	9.956 075	3	663	
338	9.631 401	16	9.675 329	19	0.324 671	9.956 072	4	662	
339	9.631 417	16	9.675 348	20	0.324 652	9.956 068	3	661	
.340	9.631 433	16	9.675 368	19	0.324 632	9.956 065	4	**.660**	
341	9.631 449	16	9.675 387	20	0.324 613	9.956 061	4	659	
342	9.631 465	16	9.675 407	20	0.324 593	9.956 057	3	658	
343	9.631 481	16	9.675 427	19	0.324 573	9.956 054	4	657	
344	9.631 497	16	9.675 446	20	0.324 554	9.956 050	3	656	
345	9.631 513	16	9.675 466	19	0.324 534	9.956 047	4	655	
346	9.631 529	16	9.675 485	20	0.324 515	9.956 043	3	654	
347	9.631 545	16	9.675 505	20	0.324 495	9.956 040	4	653	
348	9.631 561	16	9.675 525	19	0.324 475	9.956 036	4	652	
349	9.631 577	16	9.675 544	20	0.324 456	9.956 032	3	651	
.350	9.631 593		9.675 564		0.324 436	9.956 029		**.650**	
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64°.700 — 64°.650

25°.350 — 25°.400

25°	sin	d	tang	d	cotg	cos	d		P.P.
.350	9.631 593	16	9.675 564	19	0.324 436	9.956 029	4	.650	
351	9.631 609	16	9.675 583	20	0.324 417	9.956 025	3	649	
352	9.631 625	16	9.675 603	20	0.324 397	9.956 022	4	648	
353	9.631 641	16	9.675 623	19	0.324 377	9.956 018	4	647	
354	9.631 657	16	9.675 642	20	0.324 358	9.956 014	3	646	20
355	9.631 673	16	9.675 662	19	0.324 338	9.956 011	4	645	1 2.0
356	9.631 689	16	9.675 681	20	0.324 319	9.956 007	3	644	2 4.0
357	9.631 705	16	9.675 701	20	0.324 299	9.956 004	4	643	3 6.0
358	9.631 721	16	9.675 721	19	0.324 279	9.956 000	4	642	4 8.0
359	9.631 737	16	9.675 740	20	0.324 260	9.955 996	3	641	5 10.0
.360	9.631 753	16	9.675 760	19	0.324 240	9.955 993	4	.640	6 12.0
361	9.631 769	16	9.675 779	20	0.324 221	9.955 989	3	639	7 14.0
362	9.631 785	15	9.675 799	19	0.324 201	9.955 986	4	638	8 16.0
363	9.631 800	16	9.675 818	20	0.324 182	9.955 982	4	637	9 18.0
364	9.631 816	16	9.675 838	20	0.324 162	9.955 978	3	636	
365	9.631 832	16	9.675 858	19	0.324 142	9.955 975	4	635	19
366	9.631 848	16	9.675 877	20	0.324 123	9.955 971	3	634	1 1.9
367	9.631 864	16	9.675 897	19	0.324 103	9.955 968	4	633	2 3.8
368	9.631 880	16	9.675 916	20	0.324 084	9.955 964	4	632	3 5.7
369	9.631 896	16	9.675 936	20	0.324 064	9.955 960	3	631	4 7.6
.370	9.631 912	16	9.675 956	19	0.324 044	9.955 957	4	.630	5 9.5
371	9.631 928	16	9.675 975	20	0.324 025	9.955 953	3	629	6 11.4
372	9.631 944	16	9.675 995	19	0.324 005	9.955 950	4	628	7 13.3
373	9.631 960	16	9.676 014	20	0.323 986	9.955 946	3	627	8 15.2
374	9.631 976	16	9.676 034	19	0.323 966	9.955 943	4	626	9 17.1
375	9.631 992	16	9.676 053	20	0.323 947	9.955 939	4	625	
376	9.632 008	16	9.676 073	20	0.323 927	9.955 935	3	624	
377	9.632 024	16	9.676 093	19	0.323 907	9.955 932	4	623	16
378	9.632 040	16	9.676 112	20	0.323 888	9.955 928	3	622	1 1.6
379	9.632 056	16	9.676 132	19	0.323 868	9.955 925	4	621	2 3.2
.380	9.632 072	16	9.676 151	20	0.323 849	9.955 921	4	.620	3 4.8
381	9.632 088	16	9.676 171	19	0.323 829	9.955 917	3	619	4 6.4
382	9.632 104	16	9.676 190	20	0.323 810	9.955 914	4	618	5 8.0
383	9.632 120	16	9.676 210	20	0.323 790	9.955 910	3	617	6 9.6
384	9.632 136	16	9.676 230	19	0.323 770	9.955 907	4	616	7 11.2
385	9.632 152	16	9.676 249	20	0.323 751	9.955 903	4	615	8 12.8
386	9.632 168	16	9.676 269	19	0.323 731	9.955 899	3	614	9 14.4
387	9.632 184	16	9.676 288	20	0.323 712	9.955 896	4	613	
388	9.632 200	16	9.676 308	19	0.323 692	9.955 892	3	612	
389	9.632 216	16	9.676 327	20	0.323 673	9.955 889	4	611	15
.390	9.632 232	16	9.676 347	20	0.323 653	9.955 885	4	.610	1 1.5
391	9.632 248	16	9.676 367	19	0.323 633	9.955 881	3	609	2 3.0
392	9.632 264	16	9.676 386	20	0.323 614	9.955 878	4	608	3 4.5
393	9.632 280	16	9.676 406	19	0.323 594	9.955 874	3	607	4 6.0
394	9.632 296	16	9.676 425	20	0.323 575	9.955 871	4	606	5 7.5
395	9.632 312	16	9.676 445	19	0.323 555	9.955 867	4	605	6 9.0
396	9.632 328	16	9.676 464	20	0.323 536	9.955 863	3	604	7 10.5
397	9.632 344	16	9.676 484	20	0.323 516	9.955 860	4	603	8 12.0
398	9.632 360	16	9.676 504	19	0.323 496	9.955 856	3	602	9 13.5
399	9.632 376	16	9.676 523	20	0.323 477	9.955 853	4	601	
.400	9.632 392		9.676 543		0.323 457	9.955 849		.600	
	cos	d	cotg	d	tang	sin	d	64°	P.P.

64°.650 — 64°.600

25°.400 — 25°.450

25°	sin	d	tang	d	cotg	cos	d		P.P.
.400	9.632 392	16	9.676 543	19	0.323 457	9.955 849	4	.600	
401	9.632 408	16	9.676 562	20	0.323 438	9.955 845	3	599	
402	9.632 424	16	9.676 582	19	0.323 418	9.955 842	4	598	
403	9.632 440	15	9.676 601	20	0.323 399	9.955 838	3	597	
404	9.632 455	16	9.676 621	19	0.323 379	9.955 835	4	596	
405	9.632 471	16	9.676 640	20	0.323 360	9.955 831	4	595	
406	9.632 487	16	9.676 660	20	0.323 340	9.955 827	3	594	
407	9.632 503	16	9.676 680	19	0.323 320	9.955 824	4	593	
408	9.632 519	16	9.676 699	20	0.323 301	9.955 820	3	592	
409	9.632 535	16	9.676 719	19	0.323 281	9.955 817	4	591	
.410	9.632 551	16	9.676 738	20	0.323 262	9.955 813	4	.590	
411	9.632 567	16	9.676 758	19	0.323 242	9.955 809	3	589	
412	9.632 583	16	9.676 777	20	0.323 223	9.955 806	4	588	
413	9.632 599	16	9.676 797	19	0.323 203	9.955 802	3	587	
414	9.632 615	16	9.676 816	20	0.323 184	9.955 799	4	586	
415	9.632 631	16	9.676 836	20	0.323 164	9.955 795	4	585	
416	9.632 647	16	9.676 856	19	0.323 144	9.955 791	3	584	
417	9.632 663	16	9.676 875	20	0.323 125	9.955 788	4	583	
418	9.632 679	16	9.676 895	19	0.323 105	9.955 784	3	582	
419	9.632 695	16	9.676 914	20	0.323 086	9.955 781	4	581	
.420	9.632 711	16	9.676 934	19	0.323 066	9.955 777	4	.580	
421	9.632 727	16	9.676 953	20	0.323 047	9.955 773	3	579	
422	9.632 743	16	9.676 973	19	0.323 027	9.955 770	4	578	
423	9.632 759	16	9.676 992	20	0.323 008	9.955 766	3	577	
424	9.632 775	15	9.677 012	20	0.322 988	9.955 763	4	576	
425	9.632 790	16	9.677 032	19	0.322 968	9.955 759	4	575	
426	9.632 806	16	9.677 051	20	0.322 949	9.955 755	3	574	
427	9.632 822	16	9.677 071	19	0.322 929	9.955 752	4	573	
428	9.632 838	16	9.677 090	20	0.322 910	9.955 748	3	572	
429	9.632 854	16	9.677 110	19	0.322 890	9.955 745	4	571	
.430	9.632 870	16	9.677 129	20	0.322 871	9.955 741	4	.570	
431	9.632 886	16	9.677 149	19	0.322 851	9.955 737	3	569	
432	9.632 902	16	9.677 168	20	0.322 832	9.955 734	4	568	
433	9.632 918	16	9.677 188	19	0.322 812	9.955 730	3	567	
434	9.632 934	16	9.677 207	20	0.322 793	9.955 727	4	566	
435	9.632 950	16	9.677 227	20	0.322 773	9.955 723	4	565	
436	9.632 966	16	9.677 247	19	0.322 753	9.955 719	3	564	
437	9.632 982	16	9.677 266	20	0.322 734	9.955 716	4	563	
438	9.632 998	16	9.677 286	19	0.322 714	9.955 712	4	562	
439	9.633 014	16	9.677 305	20	0.322 695	9.955 708	3	561	
.440	9.633 030	16	9.677 325	19	0.322 675	9.955 705	4	.560	
441	9.633 046	15	9.677 344	20	0.322 656	9.955 701	3	559	
442	9.633 061	16	9.677 364	19	0.322 636	9.955 698	4	558	
443	9.633 077	16	9.677 383	20	0.322 617	9.955 694	4	557	
444	9.633 093	16	9.677 403	19	0.322 597	9.955 690	3	556	
445	9.633 109	16	9.677 422	20	0.322 578	9.955 687	4	555	
446	9.633 125	16	9.677 442	19	0.322 558	9.955 683	3	554	
447	9.633 141	16	9.677 461	20	0.322 539	9.955 680	4	553	
448	9.633 157	16	9.677 481	20	0.322 519	9.955 676	4	552	
449	9.633 173	16	9.677 501	19	0.322 499	9.955 672	3	551	
.450	9.633 189		9.677 520		0.322 480	9.955 669		.550	
	cos	d	cotg	d	tang	sin	d	64°	P.P.

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64°.600 — 64°.550

25°.450 — 25°.500

25°	sin	d	tang	d	cotg	cos	d		P.P.
.450	9.633 189	16	9.677 520	20	0.322 480	9.955 669	4	.550	
451	9.633 205	16	9.677 540	19	0.322 460	9.955 665	3	549	
452	9.633 221	16	9.677 559	20	0.322 441	9.955 662	4	548	
453	9.633 237	16	9.677 579	19	0.322 421	9.955 658	4	547	
454	9.633 253	16	9.677 598	20	0.322 402	9.955 654	3	546	
455	9.633 269	15	9.677 618	19	0.322 382	9.955 651	4	545	
456	9.633 284	16	9.677 637	20	0.322 363	9.955 647	3	544	
457	9.633 300	16	9.677 657	19	0.322 343	9.955 644	4	543	
458	9.633 316	16	9.677 676	20	0.322 324	9.955 640	4	542	
459	9.633 332	16	9.677 696	19	0.322 304	9.955 636	3	541	
.460	9.633 348	16	9.677 715	20	0.322 285	9.955 633	4	.540	
461	9.633 364	16	9.677 735	19	0.322 265	9.955 629	3	539	
462	9.633 380	16	9.677 754	20	0.322 246	9.955 626	4	538	
463	9.633 396	16	9.677 774	19	0.322 226	9.955 622	4	537	
464	9.633 412	16	9.677 793	20	0.322 207	9.955 618	3	536	
465	9.633 428	16	9.677 813	20	0.322 187	9.955 615	4	535	
466	9.633 444	16	9.677 833	19	0.322 167	9.955 611	4	534	
467	9.633 460	15	9.677 852	20	0.322 148	9.955 607	3	533	
468	9.633 475	16	9.677 872	19	0.322 128	9.955 604	4	532	
469	9.633 491	16	9.677 891	20	0.322 109	9.955 600	3	531	
.470	9.633 507	16	9.677 911	19	0.322 089	9.955 597	4	.530	
471	9.633 523	16	9.677 930	20	0.322 070	9.955 593	4	529	
472	9.633 539	16	9.677 950	19	0.322 050	9.955 589	3	528	
473	9.633 555	16	9.677 969	20	0.322 031	9.955 586	4	527	
474	9.633 571	16	9.677 989	19	0.322 011	9.955 582	3	526	
475	9.633 587	16	9.678 008	20	0.321 992	9.955 579	4	525	
476	9.633 603	16	9.678 028	19	0.321 972	9.955 575	4	524	
477	9.633 619	16	9.678 047	20	0.321 953	9.955 571	3	523	
478	9.633 635	15	9.678 067	19	0.321 933	9.955 568	4	522	
479	9.633 650	16	9.678 086	20	0.321 914	9.955 564	3	521	
.480	9.633 666	16	9.678 106	19	0.321 894	9.955 561	4	.520	
481	9.633 682	16	9.678 125	20	0.321 875	9.955 557	4	519	
482	9.633 698	16	9.678 145	19	0.321 855	9.955 553	3	518	
483	9.633 714	16	9.678 164	20	0.321 836	9.955 550	4	517	
484	9.633 730	16	9.678 184	19	0.321 816	9.955 546	4	516	
485	9.633 746	16	9.678 203	20	0.321 797	9.955 542	3	515	
486	9.633 762	16	9.678 223	19	0.321 777	9.955 539	4	514	
487	9.633 778	16	9.678 242	20	0.321 758	9.955 535	3	513	
488	9.633 794	16	9.678 262	19	0.321 738	9.955 532	4	512	
489	9.633 810	15	9.678 281	20	0.321 719	9.955 528	4	511	
.490	9.633 825	16	9.678 301	20	0.321 699	9.955 524	3	.510	
491	9.633 841	16	9.678 321	19	0.321 679	9.955 521	4	509	
492	9.633 857	16	9.678 340	20	0.321 660	9.955 517	3	508	
493	9.633 873	16	9.678 360	19	0.321 640	9.955 514	4	507	
494	9.633 889	16	9.678 379	20	0.321 621	9.955 510	4	506	
495	9.633 905	16	9.678 399	19	0.321 601	9.955 506	3	505	
496	9.633 921	16	9.678 418	20	0.321 582	9.955 503	4	504	
497	9.633 937	16	9.678 438	19	0.321 562	9.955 499	4	503	
498	9.633 953	15	9.678 457	20	0.321 543	9.955 495	3	502	
499	9.633 968	16	9.678 477	19	0.321 523	9.955 492	4	501	
.500	9.633 984		9.678 496		0.321 504	9.955 488		.500	
	cos	d	cotg	d	tang	sin	d	64°	P.P.

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64°.550 — 64°.500

25°.500 — 25°.550

25°	sin	d	tang	d	cotg	cos	d		P.P.
.500	9.633 984	16	9.678 496	20	0.321 504	9.955 488	3	.500	
501	9.634 000	16	9.678 516	19	0.321 484	9.955 485	4	499	
502	9.634 016	16	9.678 535	20	0.321 465	9.955 481	4	498	
503	9.634 032	16	9.678 555	19	0.321 445	9.955 477	3	497	
504	9.634 048	16	9.678 574	20	0.321 426	9.955 474	4	496	
505	9.634 064	16	9.678 594	19	0.321 406	9.955 470	3	495	
506	9.634 080	16	9.678 613	20	0.321 387	9.955 467	4	494	
507	9.634 096	15	9.678 633	19	0.321 367	9.955 463	4	493	
508	9.634 111	16	9.678 652	20	0.321 348	9.955 459	3	492	
509	9.634 127	16	9.678 672	19	0.321 328	9.955 456	4	491	
.510	9.634 143	16	9.678 691	20	0.321 309	9.955 452	4	.490	
511	9.634 159	16	9.678 711	19	0.321 289	9.955 448	3	489	
512	9.634 175	16	9.678 730	20	0.321 270	9.955 445	4	488	
513	9.634 191	16	9.678 750	19	0.321 250	9.955 441	3	487	
514	9.634 207	16	9.678 769	20	0.321 231	9.955 438	4	486	
515	9.634 223	16	9.678 789	19	0.321 211	9.955 434	4	485	
516	9.634 239	15	9.678 808	20	0.321 192	9.955 430	3	484	
517	9.634 254	16	9.678 828	19	0.321 172	9.955 427	4	483	
518	9.634 270	16	9.678 847	20	0.321 153	9.955 423	3	482	
519	9.634 286	16	9.678 867	19	0.321 133	9.955 420	4	481	
.520	9.634 302	16	9.678 886	20	0.321 114	9.955 416	4	.480	
521	9.634 318	16	9.678 906	19	0.321 094	9.955 412	3	479	
522	9.634 334	16	9.678 925	20	0.321 075	9.955 409	4	478	
523	9.634 350	16	9.678 945	19	0.321 055	9.955 405	4	477	
524	9.634 366	15	9.678 964	20	0.321 036	9.955 401	3	476	
525	9.634 381	16	9.678 984	19	0.321 016	9.955 398	4	475	
526	9.634 397	16	9.679 003	20	0.320 997	9.955 394	3	474	
527	9.634 413	16	9.679 023	19	0.320 977	9.955 391	4	473	
528	9.634 429	16	9.679 042	20	0.320 958	9.955 387	4	472	
529	9.634 445	16	9.679 062	19	0.320 938	9.955 383	3	471	
.530	9.634 461	16	9.679 081	20	0.320 919	9.955 380	4	.470	
531	9.634 477	16	9.679 101	19	0.320 899	9.955 376	4	469	
532	9.634 493	15	9.679 120	20	0.320 880	9.955 372	3	468	
533	9.634 508	16	9.679 140	19	0.320 860	9.955 369	4	467	
534	9.634 524	16	9.679 159	20	0.320 841	9.955 365	3	466	
535	9.634 540	16	9.679 179	19	0.320 821	9.955 362	4	465	
536	9.634 556	16	9.679 198	19	0.320 802	9.955 358	4	464	
537	9.634 572	16	9.679 217	20	0.320 783	9.955 354	3	463	
538	9.634 588	16	9.679 237	19	0.320 763	9.955 351	4	462	
539	9.634 604	15	9.679 256	20	0.320 744	9.955 347	3	461	
.540	9.634 619	16	9.679 276	19	0.320 724	9.955 344	4	.460	
541	9.634 635	16	9.679 295	20	0.320 705	9.955 340	4	459	
542	9.634 651	16	9.679 315	19	0.320 685	9.955 336	3	458	
543	9.634 667	16	9.679 334	20	0.320 666	9.955 333	4	457	
544	9.634 683	16	9.679 354	19	0.320 646	9.955 329	4	456	
545	9.634 699	16	9.679 373	20	0.320 627	9.955 325	3	455	
546	9.634 715	15	9.679 393	19	0.320 607	9.955 322	4	454	
547	9.634 730	16	9.679 412	20	0.320 588	9.955 318	3	453	
548	9.634 746	16	9.679 432	19	0.320 568	9.955 315	4	452	
549	9.634 762	16	9.679 451	20	0.320 549	9.955 311	4	451	
.550	9.634 778		9.679 471		0.320 529	9.955 307		.450	
	cos	d	cotg	d	tang	sin	d	64°	P.P.

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64°.500 — 64°.450

25°.550 — 25°.600

25°	sin	d	tang	d	cotg	cos	d		P.P.
.550	9.634 778	16	9.679 471	19	0.320 529	9.955 307	3	.450	
551	9.634 794	16	9.679 490	20	0.320 510	9.955 304	4	449	
552	9.634 810	16	9.679 510	19	0.320 490	9.955 300	4	448	
553	9.634 826	15	9.679 529	20	0.320 471	9.955 296	3	447	
554	9.634 841	16	9.679 549	19	0.320 451	9.955 293	4	446	
555	9.634 857	16	9.679 568	20	0.320 432	9.955 289	3	445	
556	9.634 873	16	9.679 588	19	0.320 412	9.955 286	4	444	
557	9.634 889	16	9.679 607	20	0.320 393	9.955 282	4	443	
558	9.634 905	16	9.679 627	19	0.320 373	9.955 278	3	442	
559	9.634 921	16	9.679 646	20	0.320 354	9.955 275	4	441	
.560	9.634 937	15	9.679 666	19	0.320 334	9.955 271	4	.440	
561	9.634 952	16	9.679 685	19	0.320 315	9.955 267	3	439	
562	9.634 968	16	9.679 704	20	0.320 296	9.955 264	4	438	
563	9.634 984	16	9.679 724	19	0.320 276	9.955 260	3	437	
564	9.635 000	16	9.679 743	20	0.320 257	9.955 257	4	436	
565	9.635 016	16	9.679 763	19	0.320 237	9.955 253	4	435	
566	9.635 032	15	9.679 782	20	0.320 218	9.955 249	3	434	
567	9.635 047	16	9.679 802	19	0.320 198	9.955 246	4	433	
568	9.635 063	16	9.679 821	20	0.320 179	9.955 242	4	432	
569	9.635 079	16	9.679 841	19	0.320 159	9.955 238	3	431	
.570	9.635 095	16	9.679 860	20	0.320 140	9.955 235	4	.430	
571	9.635 111	16	9.679 880	19	0.320 120	9.955 231	3	429	
572	9.635 127	16	9.679 899	20	0.320 101	9.955 228	4	428	
573	9.635 143	15	9.679 919	19	0.320 081	9.955 224	4	427	
574	9.635 158	16	9.679 938	20	0.320 062	9.955 220	3	426	
575	9.635 174	16	9.679 958	19	0.320 042	9.955 217	4	425	
576	9.635 190	16	9.679 977	20	0.320 023	9.955 213	4	424	
577	9.635 206	16	9.679 997	19	0.320 003	9.955 209	3	423	
578	9.635 222	16	9.680 016	19	0.319 984	9.955 206	4	422	
579	9.635 238	15	9.680 035	20	0.319 965	9.955 202	4	421	
.580	9.635 253	16	9.680 055	19	0.319 945	9.955 198	3	.420	
581	9.635 269	16	9.680 074	20	0.319 926	9.955 195	4	419	
582	9.635 285	16	9.680 094	19	0.319 906	9.955 191	3	418	
583	9.635 301	16	9.680 113	20	0.319 887	9.955 188	4	417	
584	9.635 317	16	9.680 133	19	0.319 867	9.955 184	4	416	
585	9.635 333	15	9.680 152	20	0.319 848	9.955 180	3	415	
586	9.635 348	16	9.680 172	19	0.319 828	9.955 177	4	414	
587	9.635 364	16	9.680 191	20	0.319 809	9.955 173	4	413	
588	9.635 380	16	9.680 211	19	0.319 789	9.955 169	3	412	
589	9.635 396	16	9.680 230	19	0.319 770	9.955 166	4	411	
.590	9.635 412	16	9.680 249	20	0.319 751	9.955 162	3	.410	
591	9.635 428	15	9.680 269	19	0.319 731	9.955 159	4	409	
592	9.635 443	16	9.680 288	20	0.319 712	9.955 155	4	408	
593	9.635 459	16	9.680 308	19	0.319 692	9.955 151	3	407	
594	9.635 475	16	9.680 327	20	0.319 673	9.955 148	4	406	
595	9.635 491	16	9.680 347	19	0.319 653	9.955 144	4	405	
596	9.635 507	15	9.680 366	20	0.319 634	9.955 140	3	404	
597	9.635 522	16	9.680 386	19	0.319 614	9.955 137	4	403	
598	9.635 538	16	9.680 405	20	0.319 595	9.955 133	3	402	
599	9.635 554	16	9.680 425	19	0.319 575	9.955 130	4	401	
.600	9.635 570		9.680 444		0.319 556	9.955 126		.400	
	cos	d	cotg	d	tang	sin	d	64°	P.P.

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64°.450 — 64°.400

25°.600 — 25°.650

25°	sin	d	tang	d	cotg	cos	d		P.P.
.600	9.635 570	16	9.680 444	19	0.319 556	9.955 126	4	.400	
601	9.635 586	16	9.680 463	20	0.319 537	9.955 122	3	399	
602	9.635 602	15	9.680 483	19	0.319 517	9.955 119	4	398	
603	9.635 617	16	9.680 502	20	0.319 498	9.955 115	4	397	
604	9.635 633	16	9.680 522	19	0.319 478	9.955 111	3	396	
605	9.635 649	16	9.680 541	20	0.319 459	9.955 108	4	395	
606	9.635 665	16	9.680 561	19	0.319 439	9.955 104	4	394	
607	9.635 681	15	9.680 580	20	0.319 420	9.955 100	3	393	
608	9.635 696	16	9.680 600	19	0.319 400	9.955 097	4	392	
609	9.635 712	16	9.680 619	20	0.319 381	9.955 093	3	391	
.610	9.635 728	16	9.680 639	19	0.319 361	9.955 090	4	.390	
611	9.635 744	16	9.680 658	19	0.319 342	9.955 086	4	389	
612	9.635 760	16	9.680 677	20	0.319 323	9.955 082	3	388	
613	9.635 776	15	9.680 697	19	0.319 303	9.955 079	4	387	
614	9.635 791	16	9.680 716	20	0.319 284	9.955 075	4	386	
615	9.635 807	16	9.680 736	19	0.319 264	9.955 071	3	385	
616	9.635 823	16	9.680 755	20	0.319 245	9.955 068	4	384	
617	9.635 839	16	9.680 775	19	0.319 225	9.955 064	4	383	
618	9.635 855	15	9.680 794	20	0.319 206	9.955 060	3	382	
619	9.635 870	16	9.680 814	19	0.319 186	9.955 057	4	381	
.620	9.635 886	16	9.680 833	19	0.319 167	9.955 053	3	.380	
621	9.635 902	16	9.680 852	20	0.319 148	9.955 050	4	379	
622	9.635 918	16	9.680 872	19	0.319 128	9.955 046	4	378	
623	9.635 934	15	9.680 891	20	0.319 109	9.955 042	3	377	
624	9.635 949	16	9.680 911	19	0.319 089	9.955 039	4	376	
625	9.635 965	16	9.680 930	20	0.319 070	9.955 035	4	375	
626	9.635 981	16	9.680 950	19	0.319 050	9.955 031	3	374	
627	9.635 997	16	9.680 969	19	0.319 031	9.955 028	4	373	
628	9.636 013	15	9.680 988	20	0.319 012	9.955 024	3	372	
629	9.636 028	16	9.681 008	19	0.318 992	9.955 021	4	371	
.630	9.636 044	16	9.681 027	20	0.318 973	9.955 017	4	.370	
631	9.636 060	16	9.681 047	19	0.318 953	9.955 013	3	369	
632	9.636 076	16	9.681 066	20	0.318 934	9.955 010	4	368	
633	9.636 092	15	9.681 086	19	0.318 914	9.955 006	4	367	
634	9.636 107	16	9.681 105	20	0.318 895	9.955 002	3	366	
635	9.636 123	16	9.681 125	19	0.318 875	9.954 999	4	365	
636	9.636 139	16	9.681 144	19	0.318 856	9.954 995	4	364	
637	9.636 155	16	9.681 163	20	0.318 837	9.954 991	3	363	
638	9.636 171	15	9.681 183	19	0.318 817	9.954 988	4	362	
639	9.636 186	16	9.681 202	20	0.318 798	9.954 984	4	361	
.640	9.636 202	16	9.681 222	19	0.318 778	9.954 980	3	.360	
641	9.636 218	16	9.681 241	20	0.318 759	9.954 977	4	359	
642	9.636 234	16	9.681 261	19	0.318 739	9.954 973	3	358	
643	9.636 250	15	9.681 280	19	0.318 720	9.954 970	4	357	
644	9.636 265	16	9.681 299	20	0.318 701	9.954 966	4	356	
645	9.636 281	16	9.681 319	19	0.318 681	9.954 962	3	355	
646	9.636 297	16	9.681 338	20	0.318 662	9.954 959	4	354	
647	9.636 313	16	9.681 358	19	0.318 642	9.954 955	4	353	
648	9.636 329	15	9.681 377	20	0.318 623	9.954 951	3	352	
649	9.636 344	16	9.681 397	19	0.318 603	9.954 948	4	351	
.650	9.636 360		9.681 416		0.318 584	9.954 944		.350	
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64°.400 — 64°.350

25°.650 — 25°.700

25°	sin	d	tang	d	cotg	cos	d		P.P.
.650	9.636 360	16	9.681 416	19	0.318 584	9.954 944	4	.350	
651	9.636 376	16	9.681 435	20	0.318 565	9.954 940	3	349	
652	9.636 392	15	9.681 455	19	0.318 545	9.954 937	4	348	
653	9.636 407	16	9.681 474	20	0.318 526	9.954 933	3	347	
654	9.636 423	16	9.681 494	19	0.318 506	9.954 930	4	346	
655	9.636 439	16	9.681 513	20	0.318 487	9.954 926	4	345	
656	9.636 455	16	9.681 533	19	0.318 467	9.954 922	3	344	
657	9.636 471	15	9.681 552	19	0.318 448	9.954 919	4	343	
658	9.636 486	16	9.681 571	20	0.318 429	9.954 915	4	342	
659	9.636 502	16	9.681 591	19	0.318 409	9.954 911	3	341	
.660	9.636 518	16	9.681 610	20	0.318 390	9.954 908	4	.340	
661	9.636 534	15	9.681 630	19	0.318 370	9.954 904	4	339	
662	9.636 549	16	9.681 649	19	0.318 351	9.954 900	3	338	
663	9.636 565	16	9.681 668	20	0.318 332	9.954 897	4	337	
664	9.636 581	16	9.681 688	19	0.318 312	9.954 893	4	336	
665	9.636 597	16	9.681 707	20	0.318 293	9.954 889	3	335	
666	9.636 613	15	9.681 727	19	0.318 273	9.954 886	4	334	
667	9.636 628	16	9.681 746	20	0.318 254	9.954 882	3	333	
668	9.636 644	16	9.681 766	19	0.318 234	9.954 879	4	332	
669	9.636 660	16	9.681 785	19	0.318 215	9.954 875	4	331	
.670	9.636 676	15	9.681 804	20	0.318 196	9.954 871	3	.330	
671	9.636 691	16	9.681 824	19	0.318 176	9.954 868	4	329	
672	9.636 707	16	9.681 843	20	0.318 157	9.954 864	4	328	
673	9.636 723	16	9.681 863	19	0.318 137	9.954 860	3	327	
674	9.636 739	15	9.681 882	19	0.318 118	9.954 857	4	326	
675	9.636 754	16	9.681 901	20	0.318 099	9.954 853	4	325	
676	9.636 770	16	9.681 921	19	0.318 079	9.954 849	3	324	
677	9.636 786	16	9.681 940	20	0.318 060	9.954 846	4	323	
678	9.636 802	16	9.681 960	19	0.318 040	9.954 842	4	322	
679	9.636 818	15	9.681 979	19	0.318 021	9.954 838	3	321	
.680	9.636 833	16	9.681 998	20	0.318 002	9.954 835	4	.320	
681	9.636 849	16	9.682 018	19	0.317 982	9.954 831	3	319	
682	9.636 865	16	9.682 037	20	0.317 963	9.954 828	4	318	
683	9.636 881	15	9.682 057	19	0.317 943	9.954 824	4	317	
684	9.636 896	16	9.682 076	20	0.317 924	9.954 820	3	316	
685	9.636 912	16	9.682 096	19	0.317 904	9.954 817	4	315	
686	9.636 928	16	9.682 115	19	0.317 885	9.954 813	4	314	
687	9.636 944	15	9.682 134	20	0.317 866	9.954 809	3	313	
688	9.636 959	16	9.682 154	19	0.317 846	9.954 806	4	312	
689	9.636 975	16	9.682 173	20	0.317 827	9.954 802	4	311	
.690	9.636 991	16	9.682 193	19	0.317 807	9.954 798	3	.310	
691	9.637 007	15	9.682 212	19	0.317 788	9.954 795	4	309	
692	9.637 022	16	9.682 231	20	0.317 769	9.954 791	4	308	
693	9.637 038	16	9.682 251	19	0.317 749	9.954 787	3	307	
694	9.637 054	16	9.682 270	20	0.317 730	9.954 784	4	306	
695	9.637 070	15	9.682 290	19	0.317 710	9.954 780	3	305	
696	9.637 085	16	9.682 309	19	0.317 691	9.954 777	4	304	
697	9.637 101	16	9.682 328	20	0.317 672	9.954 773	4	303	
698	9.637 117	16	9.682 348	19	0.317 652	9.954 769	3	302	
699	9.637 133	15	9.682 367	20	0.317 633	9.954 766	4	301	
.700	9.637 148		9.682 387		0.317 613	9.954 762		.300	
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64°.350 — 64°.300

25°.700 — 25°.750

25°	sin	d	tang	d	cotg	cos	d		P.P.
.700	9.637 148	16	9.682 387	19	0.317 613	9.954 762	4	.300	
701	9.637 164	16	9.682 406	19	0.317 594	9.954 758	3	299	
702	9.637 180	16	9.682 425	20	0.317 575	9.954 755	4	298	
703	9.637 196	15	9.682 445	19	0.317 555	9.954 751	4	297	
704	9.637 211	16	9.682 464	20	0.317 536	9.954 747	3	296	
705	9.637 227	16	9.682 484	19	0.317 516	9.954 744	4	295	
706	9.637 243	16	9.682 503	19	0.317 497	9.954 740	4	294	
707	9.637 259	15	9.682 522	20	0.317 478	9.954 736	3	293	
708	9.637 274	16	9.682 542	19	0.317 458	9.954 733	4	292	
709	9.637 290	16	9.682 561	19	0.317 439	9.954 729	4	291	
.710	9.637 306	16	9.682 580	20	0.317 420	9.954 725	3	.290	
711	9.637 322	15	9.682 600	19	0.317 400	9.954 722	4	289	
712	9.637 337	16	9.682 619	20	0.317 381	9.954 718	4	288	
713	9.637 353	16	9.682 639	19	0.317 361	9.954 714	3	287	
714	9.637 369	16	9.682 658	19	0.317 342	9.954 711	4	286	
715	9.637 385	15	9.682 677	20	0.317 323	9.954 707	3	285	
716	9.637 400	16	9.682 697	19	0.317 303	9.954 704	4	284	
717	9.637 416	16	9.682 716	20	0.317 284	9.954 700	4	283	
718	9.637 432	16	9.682 736	19	0.317 264	9.954 696	3	282	
719	9.637 448	15	9.682 755	19	0.317 245	9.954 693	4	281	
.720	9.637 463	16	9.682 774	20	0.317 226	9.954 689	4	.280	
721	9.637 479	16	9.682 794	19	0.317 206	9.954 685	3	279	
722	9.637 495	16	9.682 813	20	0.317 187	9.954 682	4	278	
723	9.637 511	15	9.682 833	19	0.317 167	9.954 678	4	277	
724	9.637 526	16	9.682 852	19	0.317 148	9.954 674	3	276	
725	9.637 542	16	9.682 871	20	0.317 129	9.954 671	4	275	
726	9.637 558	15	9.682 891	19	0.317 109	9.954 667	4	274	
727	9.637 573	16	9.682 910	19	0.317 090	9.954 663	3	273	
728	9.637 589	16	9.682 929	20	0.317 071	9.954 660	4	272	
729	9.637 605	16	9.682 949	19	0.317 051	9.954 656	4	271	
.730	9.637 621	15	9.682 968	20	0.317 032	9.954 652	3	.270	
731	9.637 636	16	9.682 988	19	0.317 012	9.954 649	4	269	
732	9.637 652	16	9.683 007	19	0.316 993	9.954 645	4	268	
733	9.637 668	16	9.683 026	20	0.316 974	9.954 641	3	267	
734	9.637 684	15	9.683 046	19	0.316 954	9.954 638	4	266	
735	9.637 699	16	9.683 065	20	0.316 935	9.954 634	4	265	
736	9.637 715	16	9.683 085	19	0.316 915	9.954 630	3	264	
737	9.637 731	15	9.683 104	19	0.316 896	9.954 627	4	263	
738	9.637 746	16	9.683 123	20	0.316 877	9.954 623	3	262	
739	9.637 762	16	9.683 143	19	0.316 857	9.954 620	4	261	
.740	9.637 778	16	9.683 162	19	0.316 838	9.954 616	4	.260	
741	9.637 794	15	9.683 181	20	0.316 819	9.954 612	3	259	
742	9.637 809	16	9.683 201	19	0.316 799	9.954 609	4	258	
743	9.637 825	16	9.683 220	20	0.316 780	9.954 605	4	257	
744	9.637 841	15	9.683 240	19	0.316 760	9.954 601	3	256	
745	9.637 856	16	9.683 259	19	0.316 741	9.954 598	4	255	
746	9.637 872	16	9.683 278	20	0.316 722	9.954 594	4	254	
747	9.637 888	16	9.683 298	19	0.316 702	9.954 590	3	253	
748	9.637 904	15	9.683 317	19	0.316 683	9.954 587	4	252	
749	9.637 919	16	9.683 336	20	0.316 664	9.954 583	4	251	
.750	9.637 935		9.683 356		0.316 644	9.954 579		.250	
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64°.300 — 64°.250

25°.750 — 25°.800

25°	sin	d	tang	d	cotg	cos	d		P.P.
.750	9.637 935	16	9.683 356	19	0.316 644	9.954 579	3	**.250**	
751	9.637 951	15	9.683 375	19	0.316 625	9.954 576	4	249	
752	9.637 966	16	9.683 394	20	0.316 606	9.954 572	4	248	
753	9.637 982	16	9.683 414	19	0.316 586	9.954 568	3	247	
754	9.637 998	16	9.683 433	20	0.316 567	9.954 565	4	246	
755	9.638 014	15	9.683 453	19	0.316 547	9.954 561	4	245	
756	9.638 029	16	9.683 472	19	0.316 528	9.954 557	3	244	
757	9.638 045	16	9.683 491	20	0.316 509	9.954 554	4	243	
758	9.638 061	15	9.683 511	19	0.316 489	9.954 550	4	242	
759	9.638 076	16	9.683 530	19	0.316 470	9.954 546	3	241	
.760	9.638 092	16	9.683 549	20	0.316 451	9.954 543	4	**.240**	
761	9.638 108	16	9.683 569	19	0.316 431	9.954 539	4	239	
762	9.638 124	15	9.683 588	20	0.316 412	9.954 535	3	238	
763	9.638 139	16	9.683 608	19	0.316 392	9.954 532	4	237	
764	9.638 155	16	9.683 627	19	0.316 373	9.954 528	4	236	
765	9.638 171	15	9.683 646	20	0.316 354	9.954 524	3	235	
766	9.638 186	16	9.683 666	19	0.316 334	9.954 521	4	234	
767	9.638 202	16	9.683 685	19	0.316 315	9.954 517	4	233	
768	9.638 218	16	9.683 704	20	0.316 296	9.954 513	3	232	
769	9.638 234	15	9.683 724	19	0.316 276	9.954 510	4	231	
.770	9.638 249	16	9.683 743	19	0.316 257	9.954 506	4	**.230**	
771	9.638 265	16	9.683 762	20	0.316 238	9.954 502	3	229	
772	9.638 281	15	9.683 782	19	0.316 218	9.954 499	4	228	
773	9.638 296	16	9.683 801	19	0.316 199	9.954 495	3	227	
774	9.638 312	16	9.683 820	20	0.316 180	9.954 492	4	226	
775	9.638 328	15	9.683 840	19	0.316 160	9.954 488	4	225	
776	9.638 343	16	9.683 859	20	0.316 141	9.954 484	3	224	
777	9.638 359	16	9.683 879	19	0.316 121	9.954 481	4	223	
778	9.638 375	15	9.683 898	19	0.316 102	9.954 477	4	222	
779	9.638 390	16	9.683 917	20	0.316 083	9.954 473	3	221	
.780	9.638 406	16	9.683 937	19	0.316 063	9.954 470	4	**.220**	
781	9.638 422	16	9.683 956	19	0.316 044	9.954 466	4	219	
782	9.638 438	15	9.683 975	20	0.316 025	9.954 462	3	218	
783	9.638 453	16	9.683 995	19	0.316 005	9.954 459	4	217	
784	9.638 469	16	9.684 014	19	0.315 986	9.954 455	4	216	
785	9.638 485	15	9.684 033	20	0.315 967	9.954 451	3	215	
786	9.638 500	16	9.684 053	19	0.315 947	9.954 448	4	214	
787	9.638 516	16	9.684 072	19	0.315 928	9.954 444	4	213	
788	9.638 532	15	9.684 091	20	0.315 909	9.954 440	3	212	
789	9.638 547	16	9.684 111	19	0.315 889	9.954 437	4	211	
.790	9.638 563	16	9.684 130	19	0.315 870	9.954 433	4	**.210**	
791	9.638 579	15	9.684 149	20	0.315 851	9.954 429	3	209	
792	9.638 594	16	9.684 169	19	0.315 831	9.954 426	4	208	
793	9.638 610	16	9.684 188	20	0.315 812	9.954 422	4	207	
794	9.638 626	16	9.684 208	19	0.315 792	9.954 418	3	206	
795	9.638 642	15	9.684 227	19	0.315 773	9.954 415	4	205	
796	9.638 657	16	9.684 246	20	0.315 754	9.954 411	4	204	
797	9.638 673	16	9.684 266	19	0.315 734	9.954 407	3	203	
798	9.638 689	15	9.684 285	19	0.315 715	9.954 404	4	202	
799	9.638 704	16	9.684 304	20	0.315 696	9.954 400	4	201	
.800	9.638 720		9.684 324		0.315 676	9.954 396		**.200**	
	cos	d	cotg	d	tang	sin	d	64°	P.P.

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64°.250 — 64°.200

25°.800 — 25°.850

25°	sin	d	tang	d	cotg	cos	d		P.P.
.800	9.638 720	16	9.684 324	19	0.315 676	9.954 396	3	.200	
801	9.638 736	15	9.684 343	19	0.315 657	9.954 393	4	199	
802	9.638 751	16	9.684 362	20	0.315 638	9.954 389	4	198	
803	9.638 767	16	9.684 382	19	0.315 618	9.954 385	3	197	
804	9.638 783	15	9.684 401	19	0.315 599	9.954 382	4	196	
805	9.638 798	16	9.684 420	20	0.315 580	9.954 378	4	195	
806	9.638 814	16	9.684 440	19	0.315 560	9.954 374	3	194	
807	9.638 830	15	9.684 459	19	0.315 541	9.954 371	4	193	
808	9.638 845	16	9.684 478	20	0.315 522	9.954 367	4	192	
809	9.638 861	16	9.684 498	19	0.315 502	9.954 363	3	191	
.810	9.638 877	15	9.684 517	19	0.315 483	9.954 360	4	.190	
811	9.638 892	16	9.684 536	20	0.315 464	9.954 356	4	189	
812	9.638 908	16	9.684 556	19	0.315 444	9.954 352	3	188	
813	9.638 924	15	9.684 575	19	0.315 425	9.954 349	4	187	
814	9.638 939	16	9.684 594	20	0.315 406	9.954 345	4	186	
815	9.638 955	16	9.684 614	19	0.315 386	9.954 341	3	185	
816	9.638 971	15	9.684 633	19	0.315 367	9.954 338	4	184	
817	9.638 986	16	9.684 652	20	0.315 348	9.954 334	4	183	
818	9.639 002	16	9.684 672	19	0.315 328	9.954 330	3	182	
819	9.639 018	15	9.684 691	19	0.315 309	9.954 327	4	181	
.820	9.639 033	16	9.684 710	20	0.315 290	9.954 323	4	.180	
821	9.639 049	16	9.684 730	19	0.315 270	9.954 319	3	179	
822	9.639 065	15	9.684 749	19	0.315 251	9.954 316	4	178	
823	9.639 080	16	9.684 768	20	0.315 232	9.954 312	4	177	
824	9.639 096	16	9.684 788	19	0.315 212	9.954 308	3	176	
825	9.639 112	15	9.684 807	19	0.315 193	9.954 305	4	175	
826	9.639 127	16	9.684 826	20	0.315 174	9.954 301	4	174	
827	9.639 143	16	9.684 846	19	0.315 154	9.954 297	3	173	
828	9.639 159	15	9.684 865	19	0.315 135	9.954 294	4	172	
829	9.639 174	16	9.684 884	20	0.315 116	9.954 290	4	171	
.830	9.639 190	16	9.684 904	19	0.315 096	9.954 286	3	.170	
831	9.639 206	15	9.684 923	19	0.315 077	9.954 283	4	169	
832	9.639 221	16	9.684 942	20	0.315 058	9.954 279	4	168	
833	9.639 237	16	9.684 962	19	0.315 038	9.954 275	3	167	
834	9.639 253	15	9.684 981	19	0.315 019	9.954 272	4	166	
835	9.639 268	16	9.685 000	20	0.315 000	9.954 268	4	165	
836	9.639 284	16	9.685 020	19	0.314 980	9.954 264	3	164	
837	9.639 300	15	9.685 039	19	0.314 961	9.954 261	4	163	
838	9.639 315	16	9.685 058	20	0.314 942	9.954 257	4	162	
839	9.639 331	16	9.685 078	19	0.314 922	9.954 253	3	161	
.840	9.639 347	15	9.685 097	19	0.314 903	9.954 250	4	.160	
841	9.639 362	16	9.685 116	20	0.314 884	9.954 246	4	159	
842	9.639 378	16	9.685 136	19	0.314 864	9.954 242	3	158	
843	9.639 394	15	9.685 155	19	0.314 845	9.954 239	4	157	
844	9.639 409	16	9.685 174	20	0.314 826	9.954 235	4	156	
845	9.639 425	15	9.685 194	19	0.314 806	9.954 231	3	155	
846	9.639 440	16	9.685 213	19	0.314 787	9.954 228	4	154	
847	9.639 456	16	9.685 232	20	0.314 768	9.954 224	4	153	
848	9.639 472	15	9.685 252	19	0.314 748	9.954 220	3	152	
849	9.639 487	16	9.685 271	19	0.314 729	9.954 217	4	151	
.850	9.639 503		9.685 290		0.314 710	9.954 213		.150	
	cos	d	cotg	d	tang	sin	d	64°	P.P.

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64°.200 — 64°.150

25°.850 — 25°.900

25°	sin	d	tang	d	cotg	cos	d		P.P.
.850	9.639 503	16	9.685 290	19	0.314 710	9.954 213	4	.150	
851	9.639 519	15	9.685 309	20	0.314 691	9.954 209	3	149	
852	9.639 534	16	9.685 329	19	0.314 671	9.954 206	4	148	
853	9.639 550	16	9.685 348	19	0.314 652	9.954 202	4	147	
854	9.639 566	15	9.685 367	20	0.314 633	9.954 198	3	146	
855	9.639 581	16	9.685 387	19	0.314 613	9.954 195	4	145	
856	9.639 597	16	9.685 406	19	0.314 594	9.954 191	4	144	
857	9.639 613	15	9.685 425	20	0.314 575	9.954 187	3	143	
858	9.639 628	16	9.685 445	19	0.314 555	9.954 184	4	142	
859	9.639 644	15	9.685 464	19	0.314 536	9.954 180	4	141	
.860	9.639 659	16	9.685 483	20	0.314 517	9.954 176	4	.140	
861	9.639 675	16	9.685 503	19	0.314 497	9.954 172	3	139	
862	9.639 691	15	9.685 522	19	0.314 478	9.954 169	4	138	
863	9.639 706	16	9.685 541	20	0.314 459	9.954 165	4	137	
864	9.639 722	16	9.685 561	19	0.314 439	9.954 161	3	136	
865	9.639 738	15	9.685 580	19	0.314 420	9.954 158	4	135	
866	9.639 753	16	9.685 599	19	0.314 401	9.954 154	4	134	
867	9.639 769	16	9.685 618	20	0.314 382	9.954 150	3	133	
868	9.639 785	15	9.685 638	19	0.314 362	9.954 147	4	132	
869	9.639 800	16	9.685 657	19	0.314 343	9.954 143	4	131	
.870	9.639 816	15	9.685 676	20	0.314 324	9.954 139	3	.130	
871	9.639 831	16	9.685 696	19	0.314 304	9.954 136	4	129	
872	9.639 847	16	9.685 715	19	0.314 285	9.954 132	4	128	
873	9.639 863	15	9.685 734	20	0.314 266	9.954 128	3	127	
874	9.639 878	16	9.685 754	19	0.314 246	9.954 125	4	126	
875	9.639 894	16	9.685 773	19	0.314 227	9.954 121	4	125	
876	9.639 910	15	9.685 792	20	0.314 208	9.954 117	3	124	
877	9.639 925	16	9.685 812	19	0.314 188	9.954 114	4	123	
878	9.639 941	15	9.685 831	19	0.314 169	9.954 110	4	122	
879	9.639 956	16	9.685 850	19	0.314 150	9.954 106	3	121	
.880	9.639 972	16	9.685 869	20	0.314 131	9.954 103	4	.120	
881	9.639 988	15	9.685 889	19	0.314 111	9.954 099	4	119	
882	9.640 003	16	9.685 908	19	0.314 092	9.954 095	3	118	
883	9.640 019	16	9.685 927	20	0.314 073	9.954 092	4	117	
884	9.640 035	15	9.685 947	19	0.314 053	9.954 088	4	116	
885	9.640 050	16	9.685 966	19	0.314 034	9.954 084	3	115	
886	9.640 066	15	9.685 985	20	0.314 015	9.954 081	4	114	
887	9.640 081	16	9.686 005	19	0.313 995	9.954 077	4	113	
888	9.640 097	16	9.686 024	19	0.313 976	9.954 073	3	112	
889	9.640 113	15	9.686 043	19	0.313 957	9.954 070	4	111	
.890	9.640 128	16	9.686 062	20	0.313 938	9.954 066	4	.110	
891	9.640 144	16	9.686 082	19	0.313 918	9.954 062	3	109	
892	9.640 160	15	9.686 101	19	0.313 899	9.954 059	4	108	
893	9.640 175	16	9.686 120	20	0.313 880	9.954 055	4	107	
894	9.640 191	15	9.686 140	19	0.313 860	9.954 051	4	106	
895	9.640 206	16	9.686 159	19	0.313 841	9.954 047	3	105	
896	9.640 222	16	9.686 178	19	0.313 822	9.954 044	4	104	
897	9.640 238	15	9.686 197	20	0.313 803	9.954 040	4	103	
898	9.640 253	16	9.686 217	19	0.313 783	9.954 036	3	102	
899	9.640 269	15	9.686 236	19	0.313 764	9.954 033	4	101	
.900	9.640 284		9.686 255		0.313 745	9.954 029		.100	
	cos	d	cotg	d	tang	sin	d	64°	P.P.

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64°.150 — 64°.100

25°.900 — 25°.950

25°	sin	d	tang	d	cotg	cos	d		P.P.
.900	9.640 284	16	9.686 255	20	0.313 745	9.954 029	4	**.100**	
901	9.640 300	16	9.686 275	19	0.313 725	9.954 025	3	099	
902	9.640 316	15	9.686 294	19	0.313 706	9.954 022	4	098	
903	9.640 331	16	9.686 313	20	0.313 687	9.954 018	4	097	
904	9.640 347	15	9.686 333	19	0.313 667	9.954 014	3	096	
905	9.640 362	16	9.686 352	19	0.313 648	9.954 011	4	095	
906	9.640 378	16	9.686 371	19	0.313 629	9.954 007	4	094	
907	9.640 394	15	9.686 390	20	0.313 610	9.954 003	3	093	
908	9.640 409	16	9.686 410	19	0.313 590	9.954 000	4	092	
909	9.640 425	15	9.686 429	19	0.313 571	9.953 996	4	091	
.910	9.640 440	16	9.686 448	20	0.313 552	9.953 992	3	**.090**	
911	9.640 456	16	9.686 468	19	0.313 532	9.953 989	4	089	
912	9.640 472	15	9.686 487	19	0.313 513	9.953 985	4	088	
913	9.640 487	16	9.686 506	19	0.313 494	9.953 981	3	087	
914	9.640 503	15	9.686 525	20	0.313 475	9.953 978	4	086	
915	9.640 518	16	9.686 545	19	0.313 455	9.953 974	4	085	
916	9.640 534	16	9.686 564	19	0.313 436	9.953 970	4	084	
917	9.640 550	15	9.686 583	19	0.313 417	9.953 966	3	083	
918	9.640 565	16	9.686 602	20	0.313 398	9.953 963	4	082	
919	9.640 581	15	9.686 622	19	0.313 378	9.953 959	4	081	
.920	9.640 596	16	9.686 641	19	0.313 359	9.953 955	3	**.080**	
921	9.640 612	16	9.686 660	20	0.313 340	9.953 952	4	079	
922	9.640 628	15	9.686 680	19	0.313 320	9.953 948	4	078	
923	9.640 643	16	9.686 699	19	0.313 301	9.953 944	3	077	
924	9.640 659	15	9.686 718	19	0.313 282	9.953 941	4	076	
925	9.640 674	16	9.686 737	20	0.313 263	9.953 937	4	075	
926	9.640 690	16	9.686 757	19	0.313 243	9.953 933	3	074	
927	9.640 706	15	9.686 776	19	0.313 224	9.953 930	4	073	
928	9.640 721	16	9.686 795	20	0.313 205	9.953 926	4	072	
929	9.640 737	15	9.686 815	19	0.313 185	9.953 922	3	071	
.930	9.640 752	16	9.686 834	19	0.313 166	9.953 919	4	**.070**	
931	9.640 768	16	9.686 853	19	0.313 147	9.953 915	4	069	
932	9.640 784	15	9.686 872	20	0.313 128	9.953 911	3	068	
933	9.640 799	16	9.686 892	19	0.313 108	9.953 908	4	067	
934	9.640 815	15	9.686 911	19	0.313 089	9.953 904	4	066	
935	9.640 830	16	9.686 930	19	0.313 070	9.953 900	4	065	
936	9.640 846	16	9.686 949	20	0.313 051	9.953 896	3	064	
937	9.640 862	15	9.686 969	19	0.313 031	9.953 893	4	063	
938	9.640 877	16	9.686 988	19	0.313 012	9.953 889	4	062	
939	9.640 893	15	9.687 007	20	0.312 993	9.953 885	3	061	
.940	9.640 908	16	9.687 027	19	0.312 973	9.953 882	4	**.060**	
941	9.640 924	15	9.687 046	19	0.312 954	9.953 878	4	059	
942	9.640 939	16	9.687 065	19	0.312 935	9.953 874	3	058	
943	9.640 955	16	9.687 084	20	0.312 916	9.953 871	4	057	
944	9.640 971	15	9.687 104	19	0.312 896	9.953 867	4	056	
945	9.640 986	16	9.687 123	19	0.312 877	9.953 863	3	055	
946	9.641 002	15	9.687 142	19	0.312 858	9.953 860	4	054	
947	9.641 017	16	9.687 161	20	0.312 839	9.953 856	4	053	
948	9.641 033	15	9.687 181	19	0.312 819	9.953 852	3	052	
949	9.641 048	16	9.687 200	19	0.312 800	9.953 849	4	051	
.950	9.641 064		9.687 219		0.312 781	9.953 845		**.050**	
	cos	d	cotg	d	tang	sin	d	64°	P.P.

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64°.100 — 64°.050

25°.950 — 26°.000

25°	sin	d	tang	d	cotg	cos	d		P.P.
.950	9.641 064	16	9.687 219	19	0.312 781	9.953 845	4	.050	
951	9.641 080	15	9.687 238	20	0.312 762	9.953 841	4	049	
952	9.641 095	16	9.687 258	19	0.312 742	9.953 837	3	048	
953	9.641 111	15	9.687 277	19	0.312 723	9.953 834	4	047	
954	9.641 126	16	9.687 296	20	0.312 704	9.953 830	4	046	
955	9.641 142	15	9.687 316	19	0.312 684	9.953 826	3	045	
956	9.641 157	16	9.687 335	19	0.312 665	9.953 823	4	044	
957	9.641 173	16	9.687 354	19	0.312 646	9.953 819	4	043	
958	9.641 189	15	9.687 373	20	0.312 627	9.953 815	3	042	
959	9.641 204	16	9.687 393	19	0.312 607	9.953 812	4	041	
.960	9.641 220	15	9.687 412	19	0.312 588	9.953 808	4	.040	
961	9.641 235	16	9.687 431	19	0.312 569	9.953 804	3	039	
962	9.641 251	15	9.687 450	20	0.312 550	9.953 801	4	038	
963	9.641 266	16	9.687 470	19	0.312 530	9.953 797	4	037	
964	9.641 282	16	9.687 489	19	0.312 511	9.953 793	4	036	
965	9.641 298	15	9.687 508	19	0.312 492	9.953 789	3	035	
966	9.641 313	16	9.687 527	20	0.312 473	9.953 786	4	034	
967	9.641 329	15	9.687 547	19	0.312 453	9.953 782	4	033	
968	9.641 344	16	9.687 566	19	0.312 434	9.953 778	3	032	
969	9.641 360	15	9.687 585	19	0.312 415	9.953 775	4	031	
.970	9.641 375	16	9.687 604	20	0.312 396	9.953 771	4	.030	
971	9.641 391	16	9.687 624	19	0.312 376	9.953 767	3	029	
972	9.641 407	15	9.687 643	19	0.312 357	9.953 764	4	028	
973	9.641 422	16	9.687 662	19	0.312 338	9.953 760	4	027	
974	9.641 438	15	9.687 681	20	0.312 319	9.953 756	3	026	
975	9.641 453	16	9.687 701	19	0.312 299	9.953 753	4	025	
976	9.641 469	15	9.687 720	19	0.312 280	9.953 749	4	024	
977	9.641 484	16	9.687 739	19	0.312 261	9.953 745	4	023	
978	9.641 500	15	9.687 758	20	0.312 242	9.953 741	3	022	
979	9.641 515	16	9.687 778	19	0.312 222	9.953 738	4	021	
.980	9.641 531	16	9.687 797	19	0.312 203	9.953 734	4	.020	
981	9.641 547	15	9.687 816	19	0.312 184	9.953 730	3	019	
982	9.641 562	16	9.687 835	20	0.312 165	9.953 727	4	018	
983	9.641 578	15	9.687 855	19	0.312 145	9.953 723	4	017	
984	9.641 593	16	9.687 874	19	0.312 126	9.953 719	3	016	
985	9.641 609	15	9.687 893	19	0.312 107	9.953 716	4	015	
986	9.641 624	16	9.687 912	20	0.312 088	9.953 712	4	014	
987	9.641 640	15	9.687 932	19	0.312 068	9.953 708	3	013	
988	9.641 655	16	9.687 951	19	0.312 049	9.953 705	4	012	
989	9.641 671	16	9.687 970	19	0.312 030	9.953 701	4	011	
.990	9.641 687	15	9.687 989	20	0.312 011	9.953 697	4	.010	
991	9.641 702	16	9.688 009	19	0.311 991	9.953 693	3	009	
992	9.641 718	15	9.688 028	19	0.311 972	9.953 690	4	008	
993	9.641 733	16	9.688 047	19	0.311 953	9.953 686	4	007	
994	9.641 749	15	9.688 066	20	0.311 934	9.953 682	3	006	
995	9.641 764	16	9.688 086	19	0.311 914	9.953 679	4	005	
996	9.641 780	15	9.688 105	19	0.311 895	9.953 675	4	004	
997	9.641 795	16	9.688 124	19	0.311 876	9.953 671	3	003	
998	9.641 811	15	9.688 143	20	0.311 857	9.953 668	4	002	
999	9.641 826	16	9.688 163	19	0.311 837	9.953 664	4	001	
*.000	9.641 842		9.688 182		0.311 818	9.953 660		.000	
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64°.050 — 64°.000

26°.000 — 26°.050

26°	sin	d	tang	d	cotg	cos	d		P.P.
.000	9.641 842	16	9.688 182	19	0.311 818	9.953 660	4	*000	
001	9.641 858	15	9.688 201	19	0.311 799	9.953 656	3	999	
002	9.641 873	16	9.688 220	19	0.311 780	9.953 653	4	998	
003	9.641 889	15	9.688 239	20	0.311 761	9.953 649	4	997	
004	9.641 904	16	9.688 259	19	0.311 741	9.953 645	3	996	
005	9.641 920	15	9.688 278	19	0.311 722	9.953 642	4	995	
006	9.641 935	16	9.688 297	19	0.311 703	9.953 638	4	994	
007	9.641 951	15	9.688 316	20	0.311 684	9.953 634	3	993	
008	9.641 966	16	9.688 336	19	0.311 664	9.953 631	4	992	
009	9.641 982	15	9.688 355	19	0.311 645	9.953 627	4	991	
.010	9.641 997	16	9.688 374	19	0.311 626	9.953 623	3	.990	
011	9.642 013	15	9.688 393	20	0.311 607	9.953 620	4	989	
012	9.642 028	16	9.688 413	19	0.311 587	9.953 616	4	988	
013	9.642 044	15	9.688 432	19	0.311 568	9.953 612	4	987	
014	9.642 059	16	9.688 451	19	0.311 549	9.953 608	3	986	
015	9.642 075	16	9.688 470	20	0.311 530	9.953 605	4	985	
016	9.642 091	15	9.688 490	19	0.311 510	9.953 601	4	984	
017	9.642 106	16	9.688 509	19	0.311 491	9.953 597	3	983	
018	9.642 122	15	9.688 528	19	0.311 472	9.953 594	4	982	
019	9.642 137	16	9.688 547	19	0.311 453	9.953 590	4	981	
.020	9.642 153	15	9.688 566	20	0.311 434	9.953 586	3	.980	
021	9.642 168	16	9.688 586	19	0.311 414	9.953 583	4	979	
022	9.642 184	15	9.688 605	19	0.311 395	9.953 579	4	978	
023	9.642 199	16	9.688 624	19	0.311 376	9.953 575	4	977	
024	9.642 215	15	9.688 643	20	0.311 357	9.953 571	3	976	
025	9.642 230	16	9.688 663	19	0.311 337	9.953 568	4	975	
026	9.642 246	15	9.688 682	19	0.311 318	9.953 564	4	974	
027	9.642 261	16	9.688 701	19	0.311 299	9.953 560	3	973	
028	9.642 277	15	9.688 720	19	0.311 280	9.953 557	4	972	
029	9.642 292	16	9.688 739	20	0.311 261	9.953 553	4	971	
.030	9.642 308	15	9.688 759	19	0.311 241	9.953 549	3	.970	
031	9.642 323	16	9.688 778	19	0.311 222	9.953 546	4	969	
032	9.642 339	15	9.688 797	19	0.311 203	9.953 542	4	968	
033	9.642 354	16	9.688 816	20	0.311 184	9.953 538	4	967	
034	9.642 370	15	9.688 836	19	0.311 164	9.953 534	3	966	
035	9.642 385	16	9.688 855	19	0.311 145	9.953 531	4	965	
036	9.642 401	16	9.688 874	19	0.311 126	9.953 527	4	964	
037	9.642 417	15	9.688 893	19	0.311 107	9.953 523	3	963	
038	9.642 432	16	9.688 912	20	0.311 088	9.953 520	4	962	
039	9.642 448	15	9.688 932	19	0.311 068	9.953 516	4	961	
.040	9.642 463	16	9.688 951	19	0.311 049	9.953 512	4	.960	
041	9.642 479	15	9.688 970	19	0.311 030	9.953 508	3	959	
042	9.642 494	16	9.688 989	20	0.311 011	9.953 505	4	958	
043	9.642 510	15	9.689 009	19	0.310 991	9.953 501	4	957	
044	9.642 525	16	9.689 028	19	0.310 972	9.953 497	3	956	
045	9.642 541	15	9.689 047	19	0.310 953	9.953 494	4	955	
046	9.642 556	16	9.689 066	19	0.310 934	9.953 490	4	954	
047	9.642 572	15	9.689 085	20	0.310 915	9.953 486	3	953	
048	9.642 587	16	9.689 105	19	0.310 895	9.953 483	4	952	
049	9.642 603	15	9.689 124	19	0.310 876	9.953 479	4	951	
.050	9.642 618		9.689 143		0.310 857	9.953 475		.950	
	cos	d	cotg	d	tang	sin	d	63°	P.P.

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64°.000 — 63°.950

26°.050 — 26°.100

26°	sin	d	tang	d	cotg	cos	d		P.P.
.050	9.642 618	16	9.689 143	19	0.310 857	9.953 475	4	.950	
051	9.642 634	15	9.689 162	19	0.310 838	9.953 471	3	949	
052	9.642 649	16	9.689 181	20	0.310 819	9.953 468	4	948	
053	9.642 665	15	9.689 201	19	0.310 799	9.953 464	4	947	
054	9.642 680	16	9.689 220	19	0.310 780	9.953 460	3	946	
055	9.642 696	15	9.689 239	19	0.310 761	9.953 457	4	945	
056	9.642 711	16	9.689 258	19	0.310 742	9.953 453	4	944	
057	9.642 727	15	9.689 277	20	0.310 723	9.953 449	4	943	
058	9.642 742	16	9.689 297	19	0.310 703	9.953 445	3	942	
059	9.642 758	15	9.689 316	19	0.310 684	9.953 442	4	941	
.060	9.642 773	16	9.689 335	19	0.310 665	9.953 438	4	.940	
061	9.642 789	15	9.689 354	20	0.310 646	9.953 434	3	939	
062	9.642 804	16	9.689 374	19	0.310 626	9.953 431	4	938	
063	9.642 820	15	9.689 393	19	0.310 607	9.953 427	4	937	
064	9.642 835	16	9.689 412	19	0.310 588	9.953 423	3	936	
065	9.642 851	15	9.689 431	19	0.310 569	9.953 420	4	935	
066	9.642 866	16	9.689 450	20	0.310 550	9.953 416	4	934	
067	9.642 882	15	9.689 470	19	0.310 530	9.953 412	4	933	
068	9.642 897	16	9.689 489	19	0.310 511	9.953 408	3	932	
069	9.642 913	15	9.689 508	19	0.310 492	9.953 405	4	931	
.070	9.642 928	16	9.689 527	19	0.310 473	9.953 401	4	.930	
071	9.642 944	15	9.689 546	20	0.310 454	9.953 397	3	929	
072	9.642 959	16	9.689 566	19	0.310 434	9.953 394	4	928	
073	9.642 975	15	9.689 585	19	0.310 415	9.953 390	4	927	
074	9.642 990	16	9.689 604	19	0.310 396	9.953 386	4	926	
075	9.643 006	15	9.689 623	19	0.310 377	9.953 382	3	925	
076	9.643 021	16	9.689 642	20	0.310 358	9.953 379	4	924	
077	9.643 037	15	9.689 662	19	0.310 338	9.953 375	4	923	
078	9.643 052	16	9.689 681	19	0.310 319	9.953 371	3	922	
079	9.643 068	15	9.689 700	19	0.310 300	9.953 368	4	921	
.080	9.643 083	16	9.689 719	19	0.310 281	9.953 364	4	.920	
081	9.643 099	15	9.689 738	20	0.310 262	9.953 360	4	919	
082	9.643 114	16	9.689 758	19	0.310 242	9.953 356	3	918	
083	9.643 130	15	9.689 777	19	0.310 223	9.953 353	4	917	
084	9.643 145	15	9.689 796	19	0.310 204	9.953 349	4	916	
085	9.643 160	16	9.689 815	19	0.310 185	9.953 345	3	915	
086	9.643 176	15	9.689 834	19	0.310 166	9.953 342	4	914	
087	9.643 191	16	9.689 853	20	0.310 147	9.953 338	4	913	
088	9.643 207	15	9.689 873	19	0.310 127	9.953 334	3	912	
089	9.643 222	16	9.689 892	19	0.310 108	9.953 331	4	911	
.090	9.643 238	15	9.689 911	19	0.310 089	9.953 327	4	.910	
091	9.643 253	16	9.689 930	19	0.310 070	9.953 323	4	909	
092	9.643 269	15	9.689 949	20	0.310 051	9.953 319	3	908	
093	9.643 284	16	9.689 969	19	0.310 031	9.953 316	4	907	
094	9.643 300	15	9.689 988	19	0.310 012	9.953 312	4	906	
095	9.643 315	16	9.690 007	19	0.309 993	9.953 308	3	905	
096	9.643 331	15	9.690 026	19	0.309 974	9.953 305	4	904	
097	9.643 346	16	9.690 045	20	0.309 955	9.953 301	4	903	
098	9.643 362	15	9.690 065	19	0.309 935	9.953 297	4	902	
099	9.643 377	16	9.690 084	19	0.309 916	9.953 293	3	901	
.100	9.643 393		9.690 103		0.309 897	9.953 290		.900	
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63°.950 — 63°.900

26°.100 — 26°.150

26°	sin	d	tang	d	cotg	cos	d		P.P.
.100	9.643 393	15	9.690 103	19	0.309 897	9.953 290	4	**.900**	
101	9.643 408	16	9.690 122	19	0.309 878	9.953 286	4	899	
102	9.643 424	15	9.690 141	20	0.309 859	9.953 282	3	898	
103	9.643 439	16	9.690 161	19	0.309 839	9.953 279	4	897	
104	9.643 455	15	9.690 180	19	0.309 820	9.953 275	4	896	
105	9.643 470	15	9.690 199	19	0.309 801	9.953 271	4	895	
106	9.643 485	16	9.690 218	19	0.309 782	9.953 267	3	894	
107	9.643 501	15	9.690 237	19	0.309 763	9.953 264	4	893	
108	9.643 516	16	9.690 256	20	0.309 744	9.953 260	4	892	
109	9.643 532	15	9.690 276	19	0.309 724	9.953 256	3	891	
.110	9.643 547	16	9.690 295	19	0.309 705	9.953 253	4	**.890**	
111	9.643 563	15	9.690 314	19	0.309 686	9.953 249	4	889	
112	9.643 578	16	9.690 333	19	0.309 667	9.953 245	4	888	
113	9.643 594	15	9.690 352	20	0.309 648	9.953 241	3	887	
114	9.643 609	16	9.690 372	19	0.309 628	9.953 238	4	886	
115	9.643 625	15	9.690 391	19	0.309 609	9.953 234	4	885	
116	9.643 640	16	9.690 410	19	0.309 590	9.953 230	3	884	
117	9.643 656	15	9.690 429	19	0.309 571	9.953 227	4	883	
118	9.643 671	15	9.690 448	19	0.309 552	9.953 223	4	882	
119	9.643 686	16	9.690 467	20	0.309 533	9.953 219	4	881	
.120	9.643 702	15	9.690 487	19	0.309 513	9.953 215	3	**.880**	
121	9.643 717	16	9.690 506	19	0.309 494	9.953 212	4	879	
122	9.643 733	15	9.690 525	19	0.309 475	9.953 208	4	878	
123	9.643 748	16	9.690 544	19	0.309 456	9.953 204	3	877	
124	9.643 764	15	9.690 563	19	0.309 437	9.953 201	4	876	
125	9.643 779	16	9.690 582	20	0.309 418	9.953 197	4	875	
126	9.643 795	15	9.690 602	19	0.309 398	9.953 193	4	874	
127	9.643 810	16	9.690 621	19	0.309 379	9.953 189	3	873	
128	9.643 826	15	9.690 640	19	0.309 360	9.953 186	4	872	
129	9.643 841	15	9.690 659	19	0.309 341	9.953 182	4	871	
.130	9.643 856	16	9.690 678	19	0.309 322	9.953 178	4	**.870**	
131	9.643 872	15	9.690 697	20	0.309 303	9.953 174	4	869	
132	9.643 887	16	9.690 717	19	0.309 283	9.953 171	3	868	
133	9.643 903	15	9.690 736	19	0.309 264	9.953 167	4	867	
134	9.643 918	16	9.690 755	19	0.309 245	9.953 163	4	866	
135	9.643 934	15	9.690 774	19	0.309 226	9.953 160	3	865	
136	9.643 949	16	9.690 793	19	0.309 207	9.953 156	4	864	
137	9.643 965	15	9.690 812	20	0.309 188	9.953 152	4	863	
138	9.643 980	16	9.690 832	19	0.309 168	9.953 148	4	862	
139	9.643 996	15	9.690 851	19	0.309 149	9.953 145	3	861	
.140	9.644 011	15	9.690 870	19	0.309 130	9.953 141	4	**.860**	
141	9.644 026	16	9.690 889	19	0.309 111	9.953 137	4	859	
142	9.644 042	15	9.690 908	19	0.309 092	9.953 134	3	858	
143	9.644 057	16	9.690 927	20	0.309 073	9.953 130	4	857	
144	9.644 073	15	9.690 947	19	0.309 053	9.953 126	4	856	
145	9.644 088	16	9.690 966	19	0.309 034	9.953 122	4	855	
146	9.644 104	15	9.690 985	19	0.309 015	9.953 119	3	854	
147	9.644 119	16	9.691 004	19	0.308 996	9.953 115	4	853	
148	9.644 135	15	9.691 023	19	0.308 977	9.953 111	4	852	
149	9.644 150	15	9.691 042	20	0.308 958	9.953 108	3	851	
.150	9.644 165		9.691 062		0.308 938	9.953 104	4	**.850**	
	cos	d	cotg	d	tang	sin	d	**63°**	P.P.

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63°.900 — 63°.850

26°.150 — 26°.200

26°	sin	d	tang	d	cotg	cos	d		P.P.
.150	9.644 165	16	9.691 062	19	0.308 938	9.953 104	4	.850	
151	9.644 181	15	9.691 081	19	0.308 919	9.953 100	4	849	
152	9.644 196	16	9.691 100	19	0.308 900	9.953 096	3	848	
153	9.644 212	15	9.691 119	19	0.308 881	9.953 093	4	847	
154	9.644 227	16	9.691 138	19	0.308 862	9.953 089	4	846	
155	9.644 243	15	9.691 157	20	0.308 843	9.953 085	4	845	
156	9.644 258	15	9.691 177	19	0.308 823	9.953 081	3	844	
157	9.644 273	16	9.691 196	19	0.308 804	9.953 078	4	843	
158	9.644 289	15	9.691 215	19	0.308 785	9.953 074	4	842	
159	9.644 304	16	9.691 234	19	0.308 766	9.953 070	3	841	
.160	9.644 320	15	9.691 253	19	0.308 747	9.953 067	4	.840	
161	9.644 335	16	9.691 272	19	0.308 728	9.953 063	4	839	
162	9.644 351	15	9.691 291	20	0.308 709	9.953 059	4	838	
163	9.644 366	15	9.691 311	19	0.308 689	9.953 055	3	837	
164	9.644 381	16	9.691 330	19	0.308 670	9.953 052	4	836	
165	9.644 397	15	9.691 349	19	0.308 651	9.953 048	4	835	
166	9.644 412	16	9.691 368	19	0.308 632	9.953 044	3	834	
167	9.644 428	15	9.691 387	19	0.308 613	9.953 041	4	833	
168	9.644 443	16	9.691 406	20	0.308 594	9.953 037	4	832	
169	9.644 459	15	9.691 426	19	0.308 574	9.953 033	4	831	
.170	9.644 474	15	9.691 445	19	0.308 555	9.953 029	3	.830	
171	9.644 489	16	9.691 464	19	0.308 536	9.953 026	4	829	
172	9.644 505	15	9.691 483	19	0.308 517	9.953 022	4	828	
173	9.644 520	16	9.691 502	19	0.308 498	9.953 018	4	827	
174	9.644 536	15	9.691 521	19	0.308 479	9.953 014	3	826	
175	9.644 551	16	9.691 540	20	0.308 460	9.953 011	4	825	
176	9.644 567	15	9.691 560	19	0.308 440	9.953 007	4	824	
177	9.644 582	15	9.691 579	19	0.308 421	9.953 003	3	823	
178	9.644 597	16	9.691 598	19	0.308 402	9.953 000	4	822	
179	9.644 613	15	9.691 617	19	0.308 383	9.952 996	4	821	
.180	9.644 628	16	9.691 636	19	0.308 364	9.952 992	4	.820	
181	9.644 644	15	9.691 655	19	0.308 345	9.952 988	3	819	
182	9.644 659	15	9.691 674	20	0.308 326	9.952 985	4	818	
183	9.644 674	16	9.691 694	19	0.308 306	9.952 981	4	817	
184	9.644 690	15	9.691 713	19	0.308 287	9.952 977	4	816	
185	9.644 705	16	9.691 732	19	0.308 268	9.952 973	3	815	
186	9.644 721	15	9.691 751	19	0.308 249	9.952 970	4	814	
187	9.644 736	16	9.691 770	19	0.308 230	9.952 966	4	813	
188	9.644 752	15	9.691 789	19	0.308 211	9.952 962	3	812	
189	9.644 767	15	9.691 808	20	0.308 192	9.952 959	4	811	
.190	9.644 782	16	9.691 828	19	0.308 172	9.952 955	4	.810	
191	9.644 798	15	9.691 847	19	0.308 153	9.952 951	4	809	
192	9.644 813	16	9.691 866	19	0.308 134	9.952 947	3	808	
193	9.644 829	15	9.691 885	19	0.308 115	9.952 944	4	807	
194	9.644 844	15	9.691 904	19	0.308 096	9.952 940	4	806	
195	9.644 859	16	9.691 923	19	0.308 077	9.952 936	4	805	
196	9.644 875	15	9.691 942	20	0.308 058	9.952 932	3	804	
197	9.644 890	16	9.691 962	19	0.308 038	9.952 929	4	803	
198	9.644 906	15	9.691 981	19	0.308 019	9.952 925	4	802	
199	9.644 921	15	9.692 000	19	0.308 000	9.952 921	3	801	
.200	9.644 936		9.692 019		0.307 981	9.952 918		.800	
	cos	d	cotg	d	tang	sin	d	63°	P.P.

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63°.850 — 63°.800

26°.200 — 26°.250

26°	sin	d	tang	d	cotg	cos	d		P.P.
.200	9.644 936	16	9.692 019	19	0.307 981	9.952 918	4	**.800**	
201	9.644 952	15	9.692 038	19	0.307 962	9.952 914	4	799	
202	9.644 967	16	9.692 057	19	0.307 943	9.952 910	4	798	
203	9.644 983	15	9.692 076	19	0.307 924	9.952 906	3	797	
204	9.644 998	15	9.692 095	20	0.307 905	9.952 903	4	796	
205	9.645 013	16	9.692 115	19	0.307 885	9.952 899	4	795	
206	9.645 029	15	9.692 134	19	0.307 866	9.952 895	4	794	
207	9.645 044	16	9.692 153	19	0.307 847	9.952 891	3	793	
208	9.645 060	15	9.692 172	19	0.307 828	9.952 888	4	792	
209	9.645 075	15	9.692 191	19	0.307 809	9.952 884	4	791	
.210	9.645 090	16	9.692 210	19	0.307 790	9.952 880	4	**.790**	
211	9.645 106	15	9.692 229	20	0.307 771	9.952 876	3	789	
212	9.645 121	16	9.692 249	19	0.307 751	9.952 873	4	788	
213	9.645 137	15	9.692 268	19	0.307 732	9.952 869	4	787	
214	9.645 152	15	9.692 287	19	0.307 713	9.952 865	3	786	
215	9.645 167	16	9.692 306	19	0.307 694	9.952 862	4	785	
216	9.645 183	15	9.692 325	19	0.307 675	9.952 858	4	784	
217	9.645 198	16	9.692 344	19	0.307 656	9.952 854	4	783	
218	9.645 214	15	9.692 363	19	0.307 637	9.952 850	3	782	
219	9.645 229	15	9.692 382	20	0.307 618	9.952 847	4	781	
.220	9.645 244	16	9.692 402	19	0.307 598	9.952 843	4	**.780**	
221	9.645 260	15	9.692 421	19	0.307 579	9.952 839	4	779	
222	9.645 275	16	9.692 440	19	0.307 560	9.952 835	3	778	
223	9.645 291	15	9.692 459	19	0.307 541	9.952 832	4	777	
224	9.645 306	15	9.692 478	19	0.307 522	9.952 828	4	776	
225	9.645 321	16	9.692 497	19	0.307 503	9.952 824	4	775	
226	9.645 337	15	9.692 516	19	0.307 484	9.952 820	3	774	
227	9.645 352	16	9.692 535	19	0.307 465	9.952 817	4	773	
228	9.645 368	15	9.692 554	20	0.307 446	9.952 813	4	772	
229	9.645 383	15	9.692 574	19	0.307 426	9.952 809	3	771	
.230	9.645 398	16	9.692 593	19	0.307 407	9.952 806	4	**.770**	
231	9.645 414	15	9.692 612	19	0.307 388	9.952 802	4	769	
232	9.645 429	15	9.692 631	19	0.307 369	9.952 798	4	768	
233	9.645 444	16	9.692 650	19	0.307 350	9.952 794	3	767	
234	9.645 460	15	9.692 669	19	0.307 331	9.952 791	4	766	
235	9.645 475	16	9.692 688	19	0.307 312	9.952 787	4	765	
236	9.645 491	15	9.692 707	20	0.307 293	9.952 783	4	764	
237	9.645 506	15	9.692 727	19	0.307 273	9.952 779	3	763	
238	9.645 521	16	9.692 746	19	0.307 254	9.952 776	4	762	
239	9.645 537	15	9.692 765	19	0.307 235	9.952 772	4	761	
.240	9.645 552	15	9.692 784	19	0.307 216	9.952 768	4	**.760**	
241	9.645 567	16	9.692 803	19	0.307 197	9.952 764	3	759	
242	9.645 583	15	9.692 822	19	0.307 178	9.952 761	4	758	
243	9.645 598	16	9.692 841	19	0.307 159	9.952 757	4	757	
244	9.645 614	15	9.692 860	19	0.307 140	9.952 753	3	756	
245	9.645 629	15	9.692 879	20	0.307 121	9.952 750	4	755	
246	9.645 644	16	9.692 899	19	0.307 101	9.952 746	4	754	
247	9.645 660	15	9.692 918	19	0.307 082	9.952 742	4	753	
248	9.645 675	15	9.692 937	19	0.307 063	9.952 738	3	752	
249	9.645 690	16	9.692 956	19	0.307 044	9.952 735	4	751	
.250	9.645 706		9.692 975		0.307 025	9.952 731		**.750**	
	cos	d	cotg	d	tang	sin	d	**63°**	P.P.

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63°.800 — 63°.750

26°.250 — 26°.300

26°	sin	d	tang	d	cotg	cos	d		P.P.
.250	9.645 706	15	9.692 975	19	0.307 025	9.952 731	4	.750	
251	9.645 721	16	9.692 994	19	0.307 006	9.952 727	4	749	
252	9.645 737	15	9.693 013	19	0.306 987	9.952 723	3	748	
253	9.645 752	15	9.693 032	19	0.306 968	9.952 720	4	747	
254	9.645 767	16	9.693 051	20	0.306 949	9.952 716	4	746	
255	9.645 783	15	9.693 071	19	0.306 929	9.952 712	4	745	
256	9.645 798	15	9.693 090	19	0.306 910	9.952 708	3	744	
257	9.645 813	16	9.693 109	19	0.306 891	9.952 705	4	743	
258	9.645 829	15	9.693 128	19	0.306 872	9.952 701	4	742	
259	9.645 844	16	9.693 147	19	0.306 853	9.952 697	4	741	
.260	9.645 860	15	9.693 166	19	0.306 834	9.952 693	3	.740	
261	9.645 875	15	9.693 185	19	0.306 815	9.952 690	4	739	
262	9.645 890	16	9.693 204	19	0.306 796	9.952 686	4	738	
263	9.645 906	15	9.693 223	19	0.306 777	9.952 682	4	737	
264	9.645 921	15	9.693 242	20	0.306 758	9.952 678	3	736	
265	9.645 936	16	9.693 262	19	0.306 738	9.952 675	4	735	
266	9.645 952	15	9.693 281	19	0.306 719	9.952 671	4	734	
267	9.645 967	15	9.693 300	19	0.306 700	9.952 667	3	733	
268	9.645 982	16	9.693 319	19	0.306 681	9.952 664	4	732	
269	9.645 998	15	9.693 338	19	0.306 662	9.952 660	4	731	
.270	9.646 013	15	9.693 357	19	0.306 643	9.952 656	4	.730	
271	9.646 028	16	9.693 376	19	0.306 624	9.952 652	3	729	
272	9.646 044	15	9.693 395	19	0.306 605	9.952 649	4	728	
273	9.646 059	16	9.693 414	19	0.306 586	9.952 645	4	727	
274	9.646 075	15	9.693 433	20	0.306 567	9.952 641	4	726	
275	9.646 090	15	9.693 453	19	0.306 547	9.952 637	3	725	
276	9.646 105	16	9.693 472	19	0.306 528	9.952 634	4	724	
277	9.646 121	15	9.693 491	19	0.306 509	9.952 630	4	723	
278	9.646 136	15	9.693 510	19	0.306 490	9.952 626	4	722	
279	9.646 151	16	9.693 529	19	0.306 471	9.952 622	3	721	
.280	9.646 167	15	9.693 548	19	0.306 452	9.952 619	4	.720	
281	9.646 182	15	9.693 567	19	0.306 433	9.952 615	4	719	
282	9.646 197	16	9.693 586	19	0.306 414	9.952 611	4	718	
283	9.646 213	15	9.693 605	19	0.306 395	9.952 607	3	717	
284	9.646 228	15	9.693 624	19	0.306 376	9.952 604	4	716	
285	9.646 243	16	9.693 643	20	0.306 357	9.952 600	4	715	
286	9.646 259	15	9.693 663	19	0.306 337	9.952 596	4	714	
287	9.646 274	15	9.693 682	19	0.306 318	9.952 592	3	713	
288	9.646 289	16	9.693 701	19	0.306 299	9.952 589	4	712	
289	9.646 305	15	9.693 720	19	0.306 280	9.952 585	4	711	
.290	9.646 320	15	9.693 739	19	0.306 261	9.952 581	4	.710	
291	9.646 335	16	9.693 758	19	0.306 242	9.952 577	3	709	
292	9.646 351	15	9.693 777	19	0.306 223	9.952 574	4	708	
293	9.646 366	15	9.693 796	19	0.306 204	9.952 570	4	707	
294	9.646 381	16	9.693 815	19	0.306 185	9.952 566	4	706	
295	9.646 397	15	9.693 834	19	0.306 166	9.952 562	3	705	
296	9.646 412	15	9.693 853	20	0.306 147	9.952 559	4	704	
297	9.646 427	16	9.693 873	19	0.306 127	9.952 555	4	703	
298	9.646 443	15	9.693 892	19	0.306 108	9.952 551	4	702	
299	9.646 458	16	9.693 911	19	0.306 089	9.952 547	3	701	
.300	9.646 474		9.693 930		0.306 070	9.952 544		.700	
	cos	d	cotg	d	tang	sin	d	63°	P.P.

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63°.750 — 63°.700

26°.300 — 26°.350

26°	sin	d	tang	d	cotg	cos	d		P.P.
.300	9.646 474	15	9.693 930	19	0.306 070	9.952 544	4	.700	
301	9.646 489	15	9.693 949	19	0.306 051	9.952 540	4	699	
302	9.646 504	16	9.693 968	19	0.306 032	9.952 536	4	698	
303	9.646 520	15	9.693 987	19	0.306 013	9.952 532	3	697	
304	9.646 535	15	9.694 006	19	0.305 994	9.952 529	4	696	
305	9.646 550	16	9.694 025	19	0.305 975	9.952 525	4	695	
306	9.646 566	15	9.694 044	19	0.305 956	9.952 521	4	694	
307	9.646 581	15	9.694 063	19	0.305 937	9.952 517	3	693	
308	9.646 596	16	9.694 082	20	0.305 918	9.952 514	4	692	
309	9.646 612	15	9.694 102	19	0.305 898	9.952 510	4	691	
.310	9.646 627	15	9.694 121	19	0.305 879	9.952 506	3	.690	
311	9.646 642	16	9.694 140	19	0.305 860	9.952 503	4	689	
312	9.646 658	15	9.694 159	19	0.305 841	9.952 499	4	688	
313	9.646 673	15	9.694 178	19	0.305 822	9.952 495	4	687	
314	9.646 688	15	9.694 197	19	0.305 803	9.952 491	3	686	
315	9.646 703	16	9.694 216	19	0.305 784	9.952 488	4	685	
316	9.646 719	15	9.694 235	19	0.305 765	9.952 484	4	684	
317	9.646 734	15	9.694 254	19	0.305 746	9.952 480	4	683	
318	9.646 749	16	9.694 273	19	0.305 727	9.952 476	3	682	
319	9.646 765	15	9.694 292	19	0.305 708	9.952 473	4	681	
.320	9.646 780	15	9.694 311	19	0.305 689	9.952 469	4	.680	
321	9.646 795	16	9.694 330	19	0.305 670	9.952 465	4	679	
322	9.646 811	15	9.694 349	20	0.305 651	9.952 461	3	678	
323	9.646 826	15	9.694 369	19	0.305 631	9.952 458	4	677	
324	9.646 841	16	9.694 388	19	0.305 612	9.952 454	4	676	
325	9.646 857	15	9.694 407	19	0.305 593	9.952 450	4	675	
326	9.646 872	15	9.694 426	19	0.305 574	9.952 446	3	674	
327	9.646 887	16	9.694 445	19	0.305 555	9.952 443	4	673	
328	9.646 903	15	9.694 464	19	0.305 536	9.952 439	4	672	
329	9.646 918	15	9.694 483	19	0.305 517	9.952 435	4	671	
.330	9.646 933	16	9.694 502	19	0.305 498	9.952 431	3	.670	
331	9.646 949	15	9.694 521	19	0.305 479	9.952 428	4	669	
332	9.646 964	15	9.694 540	19	0.305 460	9.952 424	4	668	
333	9.646 979	16	9.694 559	19	0.305 441	9.952 420	4	667	
334	9.646 995	15	9.694 578	19	0.305 422	9.952 416	3	666	
335	9.647 010	15	9.694 597	19	0.305 403	9.952 413	4	665	
336	9.647 025	16	9.694 616	20	0.305 384	9.952 409	4	664	
337	9.647 041	15	9.694 636	19	0.305 364	9.952 405	4	663	
338	9.647 056	15	9.694 655	19	0.305 345	9.952 401	4	662	
339	9.647 071	15	9.694 674	19	0.305 326	9.952 397	3	661	
.340	9.647 086	16	9.694 693	19	0.305 307	9.952 394	4	.660	
341	9.647 102	15	9.694 712	19	0.305 288	9.952 390	4	659	
342	9.647 117	15	9.694 731	19	0.305 269	9.952 386	4	658	
343	9.647 132	16	9.694 750	19	0.305 250	9.952 382	3	657	
344	9.647 148	15	9.694 769	19	0.305 231	9.952 379	4	656	
345	9.647 163	15	9.694 788	19	0.305 212	9.952 375	4	655	
346	9.647 178	16	9.694 807	19	0.305 193	9.952 371	4	654	
347	9.647 194	15	9.694 826	19	0.305 174	9.952 367	3	653	
348	9.647 209	15	9.694 845	19	0.305 155	9.952 364	4	652	
349	9.647 224	16	9.694 864	19	0.305 136	9.952 360	4	651	
.350	9.647 240		9.694 883		0.305 117	9.952 356		.650	
	cos	d	cotg	d	tang	sin	d	63°	P.P.

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63°.700 — 63°.650

26°.350 — 26°.400

26°	sin	d	tang	d	cotg	cos	d		P.P.
.350	9.647 240	15	9.694 883	19	0.305 117	9.952 356	4	**.650**	
351	9.647 255	15	9.694 902	19	0.305 098	9.952 352	3	649	
352	9.647 270	15	9.694 921	19	0.305 079	9.952 349	4	648	
353	9.647 285	16	9.694 940	20	0.305 060	9.952 345	4	647	
354	9.647 301	15	9.694 960	19	0.305 040	9.952 341	4	646	
355	9.647 316	15	9.694 979	19	0.305 021	9.952 337	3	645	
356	9.647 331	16	9.694 998	19	0.305 002	9.952 334	4	644	
357	9.647 347	15	9.695 017	19	0.304 983	9.952 330	4	643	
358	9.647 362	15	9.695 036	19	0.304 964	9.952 326	4	642	
359	9.647 377	16	9.695 055	19	0.304 945	9.952 322	3	641	
.360	9.647 393	15	9.695 074	19	0.304 926	9.952 319	4	**.640**	
361	9.647 408	15	9.695 093	19	0.304 907	9.952 315	4	639	
362	9.647 423	15	9.695 112	19	0.304 888	9.952 311	4	638	
363	9.647 438	16	9.695 131	19	0.304 869	9.952 307	3	637	
364	9.647 454	15	9.695 150	19	0.304 850	9.952 304	4	636	
365	9.647 469	15	9.695 169	19	0.304 831	9.952 300	4	635	
366	9.647 484	16	9.695 188	19	0.304 812	9.952 296	4	634	
367	9.647 500	15	9.695 207	19	0.304 793	9.952 292	3	633	
368	9.647 515	15	9.695 226	19	0.304 774	9.952 289	4	632	
369	9.647 530	15	9.695 245	19	0.304 755	9.952 285	4	631	
.370	9.647 545	16	9.695 264	19	0.304 736	9.952 281	4	**.630**	
371	9.647 561	15	9.695 283	19	0.304 717	9.952 277	3	629	
372	9.647 576	15	9.695 302	19	0.304 698	9.952 274	4	628	
373	9.647 591	16	9.695 321	20	0.304 679	9.952 270	4	627	
374	9.647 607	15	9.695 341	19	0.304 659	9.952 266	4	626	
375	9.647 622	15	9.695 360	19	0.304 640	9.952 262	3	625	
376	9.647 637	15	9.695 379	19	0.304 621	9.952 259	4	624	
377	9.647 652	16	9.695 398	19	0.304 602	9.952 255	4	623	
378	9.647 668	15	9.695 417	19	0.304 583	9.952 251	4	622	
379	9.647 683	15	9.695 436	19	0.304 564	9.952 247	4	621	
.380	9.647 698	16	9.695 455	19	0.304 545	9.952 243	3	**.620**	
381	9.647 714	15	9.695 474	19	0.304 526	9.952 240	4	619	
382	9.647 729	15	9.695 493	19	0.304 507	9.952 236	4	618	
383	9.647 744	15	9.695 512	19	0.304 488	9.952 232	4	617	
384	9.647 759	16	9.695 531	19	0.304 469	9.952 228	3	616	
385	9.647 775	15	9.695 550	19	0.304 450	9.952 225	4	615	
386	9.647 790	15	9.695 569	19	0.304 431	9.952 221	4	614	
387	9.647 805	16	9.695 588	19	0.304 412	9.952 217	4	613	
388	9.647 821	15	9.695 607	19	0.304 393	9.952 213	3	612	
389	9.647 836	15	9.695 626	19	0.304 374	9.952 210	4	611	
.390	9.647 851	15	9.695 645	19	0.304 355	9.952 206	4	**.610**	
391	9.647 866	16	9.695 664	19	0.304 336	9.952 202	4	609	
392	9.647 882	15	9.695 683	19	0.304 317	9.952 198	3	608	
393	9.647 897	15	9.695 702	19	0.304 298	9.952 195	4	607	
394	9.647 912	15	9.695 721	19	0.304 279	9.952 191	4	606	
395	9.647 927	16	9.695 740	19	0.304 260	9.952 187	4	605	
396	9.647 943	15	9.695 759	19	0.304 241	9.952 183	3	604	
397	9.647 958	15	9.695 778	19	0.304 222	9.952 180	4	603	
398	9.647 973	16	9.695 797	20	0.304 203	9.952 176	4	602	
399	9.647 989	15	9.695 817	19	0.304 183	9.952 172	4	601	
.400	9.648 004		9.695 836		0.304 164	9.952 168		**.600**	
	cos	d	cotg	d	tang	sin	d	**63°**	P.P.

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63°.650 — 63°.600

26°.400 — 26°.450

26°	sin	d	tang	d	cotg	cos	d		P.P.
.400	9.648 004	15	9.695 836	19	0.304 164	9.952 168	3	.600	
401	9.648 019	15	9.695 855	19	0.304 145	9.952 165	4	599	
402	9.648 034	16	9.695 874	19	0.304 126	9.952 161	4	598	
403	9.648 050	15	9.695 893	19	0.304 107	9.952 157	4	597	
404	9.648 065	15	9.695 912	19	0.304 088	9.952 153	4	596	
405	9.648 080	15	9.695 931	19	0.304 069	9.952 149	3	595	
406	9.648 095	16	9.695 950	19	0.304 050	9.952 146	4	594	
407	9.648 111	15	9.695 969	19	0.304 031	9.952 142	4	593	
408	9.648 126	15	9.695 988	19	0.304 012	9.952 138	4	592	
409	9.648 141	15	9.696 007	19	0.303 993	9.952 134	3	591	
.410	9.648 156	16	9.696 026	19	0.303 974	9.952 131	4	.590	
411	9.648 172	15	9.696 045	19	0.303 955	9.952 127	4	589	
412	9.648 187	15	9.696 064	19	0.303 936	9.952 123	4	588	
413	9.648 202	16	9.696 083	19	0.303 917	9.952 119	3	587	
414	9.648 218	15	9.696 102	19	0.303 898	9.952 116	4	586	
415	9.648 233	15	9.696 121	19	0.303 879	9.952 112	4	585	
416	9.648 248	15	9.696 140	19	0.303 860	9.952 108	4	584	
417	9.648 263	16	9.696 159	19	0.303 841	9.952 104	3	583	
418	9.648 279	15	9.696 178	19	0.303 822	9.952 101	4	582	
419	9.648 294	15	9.696 197	19	0.303 803	9.952 097	4	581	
.420	9.648 309	15	9.696 216	19	0.303 784	9.952 093	4	.580	
421	9.648 324	16	9.696 235	19	0.303 765	9.952 089	4	579	
422	9.648 340	15	9.696 254	19	0.303 746	9.952 085	3	578	
423	9.648 355	15	9.696 273	19	0.303 727	9.952 082	4	577	
424	9.648 370	15	9.696 292	19	0.303 708	9.952 078	4	576	
425	9.648 385	16	9.696 311	19	0.303 689	9.952 074	4	575	
426	9.648 401	15	9.696 330	19	0.303 670	9.952 070	3	574	
427	9.648 416	15	9.696 349	19	0.303 651	9.952 067	4	573	
428	9.648 431	15	9.696 368	19	0.303 632	9.952 063	4	572	
429	9.648 446	16	9.696 387	19	0.303 613	9.952 059	4	571	
.430	9.648 462	15	9.696 406	19	0.303 594	9.952 055	3	.570	
431	9.648 477	15	9.696 425	19	0.303 575	9.952 052	4	569	
432	9.648 492	15	9.696 444	19	0.303 556	9.952 048	4	568	
433	9.648 507	16	9.696 463	19	0.303 537	9.952 044	4	567	
434	9.648 523	15	9.696 482	19	0.303 518	9.952 040	4	566	
435	9.648 538	15	9.696 501	19	0.303 499	9.952 036	3	565	
436	9.648 553	15	9.696 520	19	0.303 480	9.952 033	4	564	
437	9.648 568	16	9.696 539	19	0.303 461	9.952 029	4	563	
438	9.648 584	15	9.696 558	19	0.303 442	9.952 025	4	562	
439	9.648 599	15	9.696 577	19	0.303 423	9.952 021	3	561	
.440	9.648 614	15	9.696 596	19	0.303 404	9.952 018	4	.560	
441	9.648 629	16	9.696 615	19	0.303 385	9.952 014	4	559	
442	9.648 645	15	9.696 634	19	0.303 366	9.952 010	4	558	
443	9.648 660	15	9.696 653	19	0.303 347	9.952 006	3	557	
444	9.648 675	15	9.696 672	19	0.303 328	9.952 003	4	556	
445	9.648 690	16	9.696 691	19	0.303 309	9.951 999	4	555	
446	9.648 706	15	9.696 710	20	0.303 290	9.951 995	4	554	
447	9.648 721	15	9.696 730	19	0.303 270	9.951 991	4	553	
448	9.648 736	15	9.696 749	19	0.303 251	9.951 987	3	552	
449	9.648 751	15	9.696 768	19	0.303 232	9.951 984	4	551	
.450	9.648 766		9.696 787		0.303 213	9.951 980		.550	
	cos	d	cotg	d	tang	sin	d	63°	P.P.

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63°.600 — 63°.550

26°.450 — 26°.500

26°	sin	d	tang	d	cotg	cos	d		P.P.
.450	9.648 766	16	9.696 787	19	0.303 213	9.951 980	4	.550	
451	9.648 782	15	9.696 806	19	0.303 194	9.951 976	4	549	
452	9.648 797	15	9.696 825	19	0.303 175	9.951 972	3	548	
453	9.648 812	15	9.696 844	19	0.303 156	9.951 969	4	547	
454	9.648 827	16	9.696 863	19	0.303 137	9.951 965	4	546	19
455	9.648 843	15	9.696 882	19	0.303 118	9.951 961	4	545	1 1.9
456	9.648 858	15	9.696 901	19	0.303 099	9.951 957	3	544	2 3.8
457	9.648 873	15	9.696 920	19	0.303 080	9.951 954	4	543	3 5.7
458	9.648 888	16	9.696 939	19	0.303 061	9.951 950	4	542	4 7.6
459	9.648 904	15	9.696 958	19	0.303 042	9.951 946	4	541	5 9.5
.460	9.648 919	15	9.696 977	19	0.303 023	9.951 942	4	.540	6 11.4
461	9.648 934	15	9.696 996	19	0.303 004	9.951 938	4	539	7 13.3
462	9.648 949	15	9.697 015	19	0.302 985	9.951 935	3	538	8 15.2
463	9.648 964	16	9.697 034	19	0.302 966	9.951 931	4	537	9 17.1
464	9.648 980	15	9.697 053	19	0.302 947	9.951 927	4	536	
465	9.648 995	15	9.697 072	19	0.302 928	9.951 923	3	535	18
466	9.649 010	15	9.697 091	19	0.302 909	9.951 920	4	534	1 1.8
467	9.649 025	16	9.697 110	19	0.302 890	9.951 916	4	533	2 3.6
468	9.649 041	15	9.697 129	19	0.302 871	9.951 912	4	532	3 5.4
469	9.649 056	15	9.697 148	19	0.302 852	9.951 908	4	531	4 7.2
.470	9.649 071	15	9.697 167	19	0.302 833	9.951 904	3	.530	5 9.0
471	9.649 086	15	9.697 186	19	0.302 814	9.951 901	4	529	6 10.8
472	9.649 101	16	9.697 205	19	0.302 795	9.951 897	4	528	7 12.6
473	9.649 117	15	9.697 224	19	0.302 776	9.951 893	4	527	8 14.4
474	9.649 132	15	9.697 243	19	0.302 757	9.951 889	3	526	9 16.2
475	9.649 147	15	9.697 262	19	0.302 738	9.951 886	4	525	
476	9.649 162	16	9.697 281	19	0.302 719	9.951 882	4	524	
477	9.649 178	15	9.697 300	19	0.302 700	9.951 878	4	523	16
478	9.649 193	15	9.697 319	19	0.302 681	9.951 874	3	522	1 1.6
479	9.649 208	15	9.697 338	19	0.302 662	9.951 871	4	521	2 3.2
.480	9.649 223	15	9.697 357	19	0.302 643	9.951 867	4	.520	3 4.8
481	9.649 238	15	9.697 376	18	0.302 624	9.951 863	4	519	4 6.4
482	9.649 254	16	9.697 394	19	0.302 606	9.951 859	4	518	5 8.0
483	9.649 269	15	9.697 413	19	0.302 587	9.951 855	3	517	6 9.6
484	9.649 284	15	9.697 432	19	0.302 568	9.951 852	4	516	7 11.2
485	9.649 299	15	9.697 451	19	0.302 549	9.951 848	4	515	8 12.8
486	9.649 315	16	9.697 470	19	0.302 530	9.951 844	4	514	9 14.4
487	9.649 330	15	9.697 489	19	0.302 511	9.951 840	3	513	
488	9.649 345	15	9.697 508	19	0.302 492	9.951 837	4	512	
489	9.649 360	15	9.697 527	19	0.302 473	9.951 833	4	511	15
.490	9.649 375	15	9.697 546	19	0.302 454	9.951 829	4	.510	1 1.5
491	9.649 391	16	9.697 565	19	0.302 435	9.951 825	4	509	2 3.0
492	9.649 406	15	9.697 584	19	0.302 416	9.951 821	3	508	3 4.5
493	9.649 421	15	9.697 603	19	0.302 397	9.951 818	4	507	4 6.0
494	9.649 436	15	9.697 622	19	0.302 378	9.951 814	4	506	5 7.5
495	9.649 451	15	9.697 641	19	0.302 359	9.951 810	4	505	6 9.0
496	9.649 467	16	9.697 660	19	0.302 340	9.951 806	3	504	7 10.5
497	9.649 482	15	9.697 679	19	0.302 321	9.951 803	4	503	8 12.0
498	9.649 497	15	9.697 698	19	0.302 302	9.951 799	4	502	9 13.5
499	9.649 512	15	9.697 717	19	0.302 283	9.951 795	4	501	
.500	9.649 527	15	9.697 736	19	0.302 264	9.951 791	4	.500	
	cos	d	cotg	d	tang	sin	d	63°	P.P.

63°.550 — 63°.500

26°.500 — 26°.550

26°	sin	d	tang	d	cotg	cos	d		P.P.
.500	9.649 527	16	9.697 736	19	0.302 264	9.951 791	4	.500	
501	9.649 543	15	9.697 755	19	0.302 245	9.951 787	3	499	
502	9.649 558	15	9.697 774	19	0.302 226	9.951 784	4	498	
503	9.649 573	15	9.697 793	19	0.302 207	9.951 780	4	497	
504	9.649 588	15	9.697 812	19	0.302 188	9.951 776	4	496	
505	9.649 603	16	9.697 831	19	0.302 169	9.951 772	3	495	
506	9.649 619	15	9.697 850	19	0.302 150	9.951 769	4	494	
507	9.649 634	15	9.697 869	19	0.302 131	9.951 765	4	493	
508	9.649 649	15	9.697 888	19	0.302 112	9.951 761	4	492	
509	9.649 664	15	9.697 907	19	0.302 093	9.951 757	4	491	
.510	9.649 679	16	9.697 926	19	0.302 074	9.951 753	3	.490	
511	9.649 695	15	9.697 945	19	0.302 055	9.951 750	4	489	
512	9.649 710	15	9.697 964	19	0.302 036	9.951 746	4	488	
513	9.649 725	15	9.697 983	19	0.302 017	9.951 742	4	487	
514	9.649 740	15	9.698 002	19	0.301 998	9.951 738	4	486	
515	9.649 755	16	9.698 021	19	0.301 979	9.951 734	3	485	
516	9.649 771	15	9.698 040	19	0.301 960	9.951 731	4	484	
517	9.649 786	15	9.698 059	19	0.301 941	9.951 727	4	483	
518	9.649 801	15	9.698 078	19	0.301 922	9.951 723	4	482	
519	9.649 816	15	9.698 097	19	0.301 903	9.951 719	3	481	
.520	9.649 831	16	9.698 116	19	0.301 884	9.951 716	4	.480	
521	9.649 847	15	9.698 135	19	0.301 865	9.951 712	4	479	
522	9.649 862	15	9.698 154	19	0.301 846	9.951 708	4	478	
523	9.649 877	15	9.698 173	19	0.301 827	9.951 704	4	477	
524	9.649 892	15	9.698 192	19	0.301 808	9.951 700	3	476	
525	9.649 907	15	9.698 211	19	0.301 789	9.951 697	4	475	
526	9.649 922	16	9.698 230	19	0.301 770	9.951 693	4	474	
527	9.649 938	15	9.698 249	19	0.301 751	9.951 689	4	473	
528	9.649 953	15	9.698 268	19	0.301 732	9.951 685	3	472	
529	9.649 968	15	9.698 287	19	0.301 713	9.951 682	4	471	
.530	9.649 983	15	9.698 305	18	0.301 695	9.951 678	4	.470	
531	9.649 998	15	9.698 324	19	0.301 676	9.951 674	4	469	
532	9.650 014	16	9.698 343	19	0.301 657	9.951 670	4	468	
533	9.650 029	15	9.698 362	19	0.301 638	9.951 666	3	467	
534	9.650 044	15	9.698 381	19	0.301 619	9.951 663	4	466	
535	9.650 059	15	9.698 400	19	0.301 600	9.951 659	4	465	
536	9.650 074	15	9.698 419	19	0.301 581	9.951 655	4	464	
537	9.650 089	16	9.698 438	19	0.301 562	9.951 651	4	463	
538	9.650 105	15	9.698 457	19	0.301 543	9.951 647	3	462	
539	9.650 120	15	9.698 476	19	0.301 524	9.951 644	4	461	
.540	9.650 135	15	9.698 495	19	0.301 505	9.951 640	4	.460	
541	9.650 150	15	9.698 514	19	0.301 486	9.951 636	4	459	
542	9.650 165	16	9.698 533	19	0.301 467	9.951 632	3	458	
543	9.650 181	15	9.698 552	19	0.301 448	9.951 629	4	457	
544	9.650 196	15	9.698 571	19	0.301 429	9.951 625	4	456	
545	9.650 211	15	9.698 590	19	0.301 410	9.951 621	4	455	
546	9.650 226	15	9.698 609	19	0.301 391	9.951 617	4	454	
547	9.650 241	15	9.698 628	19	0.301 372	9.951 613	3	453	
548	9.650 256	16	9.698 647	19	0.301 353	9.951 610	4	452	
549	9.650 272	15	9.698 666	19	0.301 334	9.951 606	4	451	
.550	9.650 287		9.698 685		0.301 315	9.951 602		.450	
	cos	d	cotg	d	tang	sin	d	63°	P.P.

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63°.500 — 63°.450

26°.550 — 26°.600

26°	sin	d	tang	d	cotg	cos	d		P.P.
.550	9.650 287	15	9.698 685	19	0.301 315	9.951 602	4	.450	
551	9.650 302	15	9.698 704	19	0.301 296	9.951 598	4	449	
552	9.650 317	15	9.698 723	19	0.301 277	9.951 594	3	448	
553	9.650 332	15	9.698 742	19	0.301 258	9.951 591	4	447	
554	9.650 347	16	9.698 761	19	0.301 239	9.951 587	4	446	
555	9.650 363	15	9.698 780	18	0.301 220	9.951 583	4	445	
556	9.650 378	15	9.698 798	19	0.301 202	9.951 579	3	444	
557	9.650 393	15	9.698 817	19	0.301 183	9.951 576	4	443	
558	9.650 408	15	9.698 836	19	0.301 164	9.951 572	4	442	
559	9.650 423	15	9.698 855	19	0.301 145	9.951 568	4	441	
.560	9.650 438	16	9.698 874	19	0.301 126	9.951 564	4	.440	
561	9.650 454	15	9.698 893	19	0.301 107	9.951 560	3	439	
562	9.650 469	15	9.698 912	19	0.301 088	9.951 557	4	438	
563	9.650 484	15	9.698 931	19	0.301 069	9.951 553	4	437	
564	9.650 499	15	9.698 950	19	0.301 050	9.951 549	4	436	
565	9.650 514	15	9.698 969	19	0.301 031	9.951 545	4	435	
566	9.650 529	16	9.698 988	19	0.301 012	9.951 541	3	434	
567	9.650 545	15	9.699 007	19	0.300 993	9.951 538	4	433	
568	9.650 560	15	9.699 026	19	0.300 974	9.951 534	4	432	
569	9.650 575	15	9.699 045	19	0.300 955	9.951 530	4	431	
.570	9.650 590	15	9.699 064	19	0.300 936	9.951 526	4	.430	
571	9.650 605	15	9.699 083	19	0.300 917	9.951 522	3	429	
572	9.650 620	15	9.699 102	19	0.300 898	9.951 519	4	428	
573	9.650 635	16	9.699 121	19	0.300 879	9.951 515	4	427	
574	9.650 651	15	9.699 140	19	0.300 860	9.951 511	4	426	
575	9.650 666	15	9.699 159	18	0.300 841	9.951 507	4	425	
576	9.650 681	15	9.699 177	19	0.300 823	9.951 503	3	424	
577	9.650 696	15	9.699 196	19	0.300 804	9.951 500	4	423	
578	9.650 711	15	9.699 215	19	0.300 785	9.951 496	4	422	
579	9.650 726	16	9.699 234	19	0.300 766	9.951 492	4	421	
.580	9.650 742	15	9.699 253	19	0.300 747	9.951 488	3	.420	
581	9.650 757	15	9.699 272	19	0.300 728	9.951 485	4	419	
582	9.650 772	15	9.699 291	19	0.300 709	9.951 481	4	418	
583	9.650 787	15	9.699 310	19	0.300 690	9.951 477	4	417	
584	9.650 802	15	9.699 329	19	0.300 671	9.951 473	4	416	
585	9.650 817	15	9.699 348	19	0.300 652	9.951 469	3	415	
586	9.650 832	16	9.699 367	19	0.300 633	9.951 466	4	414	
587	9.650 848	15	9.699 386	19	0.300 614	9.951 462	4	413	
588	9.650 863	15	9.699 405	19	0.300 595	9.951 458	4	412	
589	9.650 878	15	9.699 424	19	0.300 576	9.951 454	4	411	
.590	9.650 893	15	9.699 443	19	0.300 557	9.951 450	3	.410	
591	9.650 908	15	9.699 462	18	0.300 538	9.951 447	4	409	
592	9.650 923	15	9.699 480	19	0.300 520	9.951 443	4	408	
593	9.650 938	16	9.699 499	19	0.300 501	9.951 439	4	407	
594	9.650 954	15	9.699 518	19	0.300 482	9.951 435	4	406	
595	9.650 969	15	9.699 537	19	0.300 463	9.951 431	3	405	
596	9.650 984	15	9.699 556	19	0.300 444	9.951 428	4	404	
597	9.650 999	15	9.699 575	19	0.300 425	9.951 424	4	403	
598	9.651 014	15	9.699 594	19	0.300 406	9.951 420	4	402	
599	9.651 029	15	9.699 613	19	0.300 387	9.951 416	4	401	
.600	9.651 044		9.699 632		0.300 368	9.951 412		.400	
	cos	d	cotg	d	tang	sin	d	63°	P.P.

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63°.450 — 63°.400

26°.600 — 26°.650

26°	sin	d	tang	d	cotg	cos	d		P.P.
.600	9.651 044	16	9.699 632	19	0.300 368	9.951 412	3	**.400**	
601	9.651 060	15	9.699 651	19	0.300 349	9.951 409	4	399	
602	9.651 075	15	9.699 670	19	0.300 330	9.951 405	4	398	
603	9.651 090	15	9.699 689	19	0.300 311	9.951 401	4	397	
604	9.651 105	15	9.699 708	19	0.300 292	9.951 397	4	396	
605	9.651 120	15	9.699 727	19	0.300 273	9.951 393	3	395	
606	9.651 135	15	9.699 746	18	0.300 254	9.951 390	4	394	
607	9.651 150	15	9.699 764	19	0.300 236	9.951 386	4	393	
608	9.651 165	16	9.699 783	19	0.300 217	9.951 382	4	392	
609	9.651 181	15	9.699 802	19	0.300 198	9.951 378	4	391	
.610	9.651 196	15	9.699 821	19	0.300 179	9.951 374	3	**.390**	
611	9.651 211	15	9.699 840	19	0.300 160	9.951 371	4	389	
612	9.651 226	15	9.699 859	19	0.300 141	9.951 367	4	388	
613	9.651 241	15	9.699 878	19	0.300 122	9.951 363	4	387	
614	9.651 256	15	9.699 897	19	0.300 103	9.951 359	4	386	
615	9.651 271	15	9.699 916	19	0.300 084	9.951 355	3	385	
616	9.651 287	16	9.699 935	19	0.300 065	9.951 352	4	384	
617	9.651 302	15	9.699 954	19	0.300 046	9.951 348	4	383	
618	9.651 317	15	9.699 973	19	0.300 027	9.951 344	4	382	
619	9.651 332	15	9.699 992	19	0.300 008	9.951 340	4	381	
.620	9.651 347	15	9.700 011	18	0.299 989	9.951 336	3	**.380**	
621	9.651 362	15	9.700 029	19	0.299 971	9.951 333	4	379	
622	9.651 377	15	9.700 048	19	0.299 952	9.951 329	4	378	
623	9.651 392	15	9.700 067	19	0.299 933	9.951 325	4	377	
624	9.651 407	16	9.700 086	19	0.299 914	9.951 321	4	376	
625	9.651 423	15	9.700 105	19	0.299 895	9.951 317	3	375	
626	9.651 438	15	9.700 124	19	0.299 876	9.951 314	4	374	
627	9.651 453	15	9.700 143	19	0.299 857	9.951 310	4	373	
628	9.651 468	15	9.700 162	19	0.299 838	9.951 306	4	372	
629	9.651 483	15	9.700 181	19	0.299 819	9.951 302	4	371	
.630	9.651 498	15	9.700 200	19	0.299 800	9.951 298	3	**.370**	
631	9.651 513	15	9.700 219	19	0.299 781	9.951 295	4	369	
632	9.651 528	15	9.700 238	18	0.299 762	9.951 291	4	368	
633	9.651 544	16	9.700 256	19	0.299 744	9.951 287	4	367	
634	9.651 559	15	9.700 275	19	0.299 725	9.951 283	4	366	
635	9.651 574	15	9.700 294	19	0.299 706	9.951 279	3	365	
636	9.651 589	15	9.700 313	19	0.299 687	9.951 276	4	364	
637	9.651 604	15	9.700 332	19	0.299 668	9.951 272	4	363	
638	9.651 619	15	9.700 351	19	0.299 649	9.951 268	4	362	
639	9.651 634	15	9.700 370	19	0.299 630	9.951 264	4	361	
.640	9.651 649	15	9.700 389	19	0.299 611	9.951 260	3	**.360**	
641	9.651 664	15	9.700 408	19	0.299 592	9.951 257	4	359	
642	9.651 680	16	9.700 427	19	0.299 573	9.951 253	4	358	
643	9.651 695	15	9.700 446	19	0.299 554	9.951 249	4	357	
644	9.651 710	15	9.700 465	18	0.299 535	9.951 245	4	356	
645	9.651 725	15	9.700 483	19	0.299 517	9.951 241	3	355	
646	9.651 740	15	9.700 502	19	0.299 498	9.951 238	4	354	
647	9.651 755	15	9.700 521	19	0.299 479	9.951 234	4	353	
648	9.651 770	15	9.700 540	19	0.299 460	9.951 230	4	352	
649	9.651 785	15	9.700 559	19	0.299 441	9.951 226	4	351	
.650	9.651 800	15	9.700 578	19	0.299 422	9.951 222	4	**.350**	
	cos	d	cotg	d	tang	sin	d	**63°**	P.P.

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63°.400 — 63°.350

26°.650 — 26°.700

26°	sin	d	tang	d	cotg	cos	d		P.P.
.650	9.651 800	16	9.700 578	19	0.299 422	9.951 222	3	.350	
651	9.651 816	15	9.700 597	19	0.299 403	9.951 219	4	349	
652	9.651 831	15	9.700 616	19	0.299 384	9.951 215	4	348	
653	9.651 846	15	9.700 635	19	0.299 365	9.951 211	4	347	
654	9.651 861	15	9.700 654	19	0.299 346	9.951 207	4	346	
655	9.651 876	15	9.700 673	18	0.299 327	9.951 203	3	345	
656	9.651 891	15	9.700 691	19	0.299 309	9.951 200	4	344	
657	9.651 906	15	9.700 710	19	0.299 290	9.951 196	4	343	
658	9.651 921	15	9.700 729	19	0.299 271	9.951 192	4	342	
659	9.651 936	15	9.700 748	19	0.299 252	9.951 188	4	341	
.660	9.651 951	16	9.700 767	19	0.299 233	9.951 184	3	.340	
661	9.651 967	15	9.700 786	19	0.299 214	9.951 181	4	339	
662	9.651 982	15	9.700 805	19	0.299 195	9.951 177	4	338	
663	9.651 997	15	9.700 824	19	0.299 176	9.951 173	4	337	
664	9.652 012	15	9.700 843	19	0.299 157	9.951 169	4	336	
665	9.652 027	15	9.700 862	18	0.299 138	9.951 165	3	335	
666	9.652 042	15	9.700 880	19	0.299 120	9.951 162	4	334	
667	9.652 057	15	9.700 899	19	0.299 101	9.951 158	4	333	
668	9.652 072	15	9.700 918	19	0.299 082	9.951 154	4	332	
669	9.652 087	15	9.700 937	19	0.299 063	9.951 150	4	331	
.670	9.652 102	15	9.700 956	19	0.299 044	9.951 146	3	.330	
671	9.652 117	15	9.700 975	19	0.299 025	9.951 143	4	329	
672	9.652 133	16	9.700 994	19	0.299 006	9.951 139	4	328	
673	9.652 148	15	9.701 013	19	0.298 987	9.951 135	4	327	
674	9.652 163	15	9.701 032	19	0.298 968	9.951 131	4	326	
675	9.652 178	15	9.701 051	18	0.298 949	9.951 127	4	325	
676	9.652 193	15	9.701 069	19	0.298 931	9.951 123	4	324	
677	9.652 208	15	9.701 088	19	0.298 912	9.951 120	3	323	
678	9.652 223	15	9.701 107	19	0.298 893	9.951 116	4	322	
679	9.652 238	15	9.701 126	19	0.298 874	9.951 112	4	321	
.680	9.652 253	15	9.701 145	19	0.298 855	9.951 108	4	.320	
681	9.652 268	15	9.701 164	19	0.298 836	9.951 104	4	319	
682	9.652 283	15	9.701 183	19	0.298 817	9.951 101	3	318	
683	9.652 298	15	9.701 202	19	0.298 798	9.951 097	4	317	
684	9.652 314	16	9.701 221	18	0.298 779	9.951 093	4	316	
685	9.652 329	15	9.701 239	19	0.298 761	9.951 089	4	315	
686	9.652 344	15	9.701 258	19	0.298 742	9.951 085	4	314	
687	9.652 359	15	9.701 277	19	0.298 723	9.951 082	3	313	
688	9.652 374	15	9.701 296	19	0.298 704	9.951 078	4	312	
689	9.652 389	15	9.701 315	19	0.298 685	9.951 074	4	311	
.690	9.652 404	15	9.701 334	19	0.298 666	9.951 070	4	.310	
691	9.652 419	15	9.701 353	19	0.298 647	9.951 066	4	309	
692	9.652 434	15	9.701 372	19	0.298 628	9.951 063	3	308	
693	9.652 449	15	9.701 391	19	0.298 609	9.951 059	4	307	
694	9.652 464	15	9.701 409	18	0.298 591	9.951 055	4	306	
695	9.652 479	15	9.701 428	19	0.298 572	9.951 051	4	305	
696	9.652 494	15	9.701 447	19	0.298 553	9.951 047	4	304	
697	9.652 510	16	9.701 466	19	0.298 534	9.951 043	4	303	
698	9.652 525	15	9.701 485	19	0.298 515	9.951 040	3	302	
699	9.652 540	15	9.701 504	19	0.298 496	9.951 036	4	301	
.700	9.652 555	15	9.701 523	19	0.298 477	9.951 032	4	.300	
	cos	d	cotg	d	tang	sin	d	63°	P.P.

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63°.350 — 63°.300

26°.700 — 26°.750

26°	sin	d	tang	d	cotg	cos	d		P.P.
.700	9.652 555	15	9.701 523	19	0.298 477	9.951 032	4	.300	
701	9.652 570	15	9.701 542	19	0.298 458	9.951 028	4	299	
702	9.652 585	15	9.701 561	18	0.298 439	9.951 024	3	298	
703	9.652 600	15	9.701 579	19	0.298 421	9.951 021	4	297	
704	9.652 615	15	9.701 598	19	0.298 402	9.951 017	4	296	
705	9.652 630	15	9.701 617	19	0.298 383	9.951 013	4	295	
706	9.652 645	15	9.701 636	19	0.298 364	9.951 009	4	294	
707	9.652 660	15	9.701 655	19	0.298 345	9.951 005	3	293	
708	9.652 675	15	9.701 674	19	0.298 326	9.951 002	4	292	
709	9.652 690	15	9.701 693	19	0.298 307	9.950 998	4	291	
.710	9.652 705	16	9.701 712	18	0.298 288	9.950 994	4	.290	
711	9.652 721	15	9.701 730	19	0.298 270	9.950 990	4	289	
712	9.652 736	15	9.701 749	19	0.298 251	9.950 986	4	288	
713	9.652 751	15	9.701 768	19	0.298 232	9.950 982	3	287	
714	9.652 766	15	9.701 787	19	0.298 213	9.950 979	4	286	
715	9.652 781	15	9.701 806	19	0.298 194	9.950 975	4	285	
716	9.652 796	15	9.701 825	19	0.298 175	9.950 971	4	284	
717	9.652 811	15	9.701 844	19	0.298 156	9.950 967	4	283	
718	9.652 826	15	9.701 863	18	0.298 137	9.950 963	3	282	
719	9.652 841	15	9.701 881	19	0.298 119	9.950 960	4	281	
.720	9.652 856	15	9.701 900	19	0.298 100	9.950 956	4	.280	
721	9.652 871	15	9.701 919	19	0.298 081	9.950 952	4	279	
722	9.652 886	15	9.701 938	19	0.298 062	9.950 948	4	278	
723	9.652 901	15	9.701 957	19	0.298 043	9.950 944	4	277	
724	9.652 916	15	9.701 976	19	0.298 024	9.950 940	3	276	
725	9.652 931	15	9.701 995	19	0.298 005	9.950 937	4	275	
726	9.652 946	15	9.702 014	18	0.297 986	9.950 933	4	274	
727	9.652 961	16	9.702 032	19	0.297 968	9.950 929	4	273	
728	9.652 977	15	9.702 051	19	0.297 949	9.950 925	4	272	
729	9.652 992	15	9.702 070	19	0.297 930	9.950 921	3	271	
.730	9.653 007	15	9.702 089	19	0.297 911	9.950 918	4	.270	
731	9.653 022	15	9.702 108	19	0.297 892	9.950 914	4	269	
732	9.653 037	15	9.702 127	19	0.297 873	9.950 910	4	268	
733	9.653 052	15	9.702 146	18	0.297 854	9.950 906	4	267	
734	9.653 067	15	9.702 164	19	0.297 836	9.950 902	3	266	
735	9.653 082	15	9.702 183	19	0.297 817	9.950 899	4	265	
736	9.653 097	15	9.702 202	19	0.297 798	9.950 895	4	264	
737	9.653 112	15	9.702 221	19	0.297 779	9.950 891	4	263	
738	9.653 127	15	9.702 240	19	0.297 760	9.950 887	4	262	
739	9.653 142	15	9.702 259	19	0.297 741	9.950 883	4	261	
.740	9.653 157	15	9.702 278	19	0.297 722	9.950 879	3	.260	
741	9.653 172	15	9.702 297	18	0.297 703	9.950 876	4	259	
742	9.653 187	15	9.702 315	19	0.297 685	9.950 872	4	258	
743	9.653 202	15	9.702 334	19	0.297 666	9.950 868	4	257	
744	9.653 217	15	9.702 353	19	0.297 647	9.950 864	4	256	
745	9.653 232	15	9.702 372	19	0.297 628	9.950 860	4	255	
746	9.653 247	15	9.702 391	19	0.297 609	9.950 856	3	254	
747	9.653 262	15	9.702 410	19	0.297 590	9.950 853	4	253	
748	9.653 277	15	9.702 429	18	0.297 571	9.950 849	4	252	
749	9.653 292	15	9.702 447	19	0.297 553	9.950 845	4	251	
.750	9.653 308	16	9.702 466		0.297 534	9.950 841		.250	
	cos	d	cotg	d	tang	sin	d	63°	P.P.

	19	18	16	15
1	1.9	1.8	1.6	1.5
2	3.8	3.6	3.2	3.0
3	5.7	5.4	4.8	4.5
4	7.6	7.2	6.4	6.0
5	9.5	9.0	8.0	7.5
6	11.4	10.8	9.6	9.0
7	13.3	12.6	11.2	10.5
8	15.2	14.4	12.8	12.0
9	17.1	16.2	14.4	13.5

63°.300 — 63°.250

26°.750 — 26°.800

26°	sin	d	tang	d	cotg	cos	d		P.P.
.750	9.653 308	15	9.702 466	19	0.297 534	9.950 841	4	.250	
751	9.653 323	15	9.702 485	19	0.297 515	9.950 837	3	249	
752	9.653 338	15	9.702 504	19	0.297 496	9.950 834	4	248	
753	9.653 353	15	9.702 523	19	0.297 477	9.950 830	4	247	
754	9.653 368	15	9.702 542	19	0.297 458	9.950 826	4	246	
755	9.653 383	15	9.702 561	18	0.297 439	9.950 822	4	245	
756	9.653 398	15	9.702 579	19	0.297 421	9.950 818	4	244	
757	9.653 413	15	9.702 598	19	0.297 402	9.950 814	3	243	
758	9.653 428	15	9.702 617	19	0.297 383	9.950 811	4	242	
759	9.653 443	15	9.702 636	19	0.297 364	9.950 807	4	241	
.760	9.653 458	15	9.702 655	19	0.297 345	9.950 803	4	.240	
761	9.653 473	15	9.702 674	19	0.297 326	9.950 799	4	239	
762	9.653 488	15	9.702 693	18	0.297 307	9.950 795	3	238	
763	9.653 503	15	9.702 711	19	0.297 289	9.950 792	4	237	
764	9.653 518	15	9.702 730	19	0.297 270	9.950 788	4	236	
765	9.653 533	15	9.702 749	19	0.297 251	9.950 784	4	235	
766	9.653 548	15	9.702 768	19	0.297 232	9.950 780	4	234	
767	9.653 563	15	9.702 787	19	0.297 213	9.950 776	4	233	
768	9.653 578	15	9.702 806	19	0.297 194	9.950 772	3	232	
769	9.653 593	15	9.702 825	18	0.297 175	9.950 769	4	231	
.770	9.653 608	15	9.702 843	19	0.297 157	9.950 765	4	.230	
771	9.653 623	15	9.702 862	19	0.297 138	9.950 761	4	229	
772	9.653 638	15	9.702 881	19	0.297 119	9.950 757	4	228	
773	9.653 653	15	9.702 900	19	0.297 100	9.950 753	4	227	
774	9.653 668	15	9.702 919	19	0.297 081	9.950 749	3	226	
775	9.653 683	15	9.702 938	18	0.297 062	9.950 746	4	225	
776	9.653 698	15	9.702 956	19	0.297 044	9.950 742	4	224	
777	9.653 713	15	9.702 975	19	0.297 025	9.950 738	4	223	
778	9.653 728	15	9.702 994	19	0.297 006	9.950 734	4	222	
779	9.653 743	15	9.703 013	19	0.296 987	9.950 730	3	221	
.780	9.653 758	15	9.703 032	19	0.296 968	9.950 727	4	.220	
781	9.653 773	15	9.703 051	19	0.296 949	9.950 723	4	219	
782	9.653 788	15	9.703 070	18	0.296 930	9.950 719	4	218	
783	9.653 803	15	9.703 088	19	0.296 912	9.950 715	4	217	
784	9.653 818	15	9.703 107	19	0.296 893	9.950 711	4	216	
785	9.653 833	15	9.703 126	19	0.296 874	9.950 707	3	215	
786	9.653 848	15	9.703 145	19	0.296 855	9.950 704	4	214	
787	9.653 863	15	9.703 164	19	0.296 836	9.950 700	4	213	
788	9.653 878	16	9.703 183	18	0.296 817	9.950 696	4	212	
789	9.653 894	15	9.703 201	19	0.296 799	9.950 692	4	211	
.790	9.653 909	15	9.703 220	19	0.296 780	9.950 688	4	.210	
791	9.653 924	15	9.703 239	19	0.296 761	9.950 684	3	209	
792	9.653 939	15	9.703 258	19	0.296 742	9.950 681	4	208	
793	9.653 954	15	9.703 277	19	0.296 723	9.950 677	4	207	
794	9.653 969	15	9.703 296	18	0.296 704	9.950 673	4	206	
795	9.653 984	15	9.703 314	19	0.296 686	9.950 669	4	205	
796	9.653 999	15	9.703 333	19	0.296 667	9.950 665	4	204	
797	9.654 014	15	9.703 352	19	0.296 648	9.950 661	3	203	
798	9.654 029	15	9.703 371	19	0.296 629	9.950 658	4	202	
799	9.654 044	15	9.703 390	19	0.296 610	9.950 654	4	201	
.800	9.654 059	15	9.703 409	19	0.296 591	9.950 650	4	.200	
	cos	d	cotg	d	tang	sin	d	63°	P.P.

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1	1.9
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8	15.2
9	17.1

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3	5.4
4	7.2
5	9.0
6	10.8
7	12.6
8	14.4
9	16.2

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1	1.6
2	3.2
3	4.8
4	6.4
5	8.0
6	9.6
7	11.2
8	12.8
9	14.4

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1	1.5
2	3.0
3	4.5
4	6.0
5	7.5
6	9.0
7	10.5
8	12.0
9	13.5

63°.250 — 63°.200

26°.800 — 26°.850

26°	sin	d	tang	d	cotg	cos	d		P.P.
.800	9.654 059	15	9.703 409	18	0.296 591	9.950 650	4	.200	
801	9.654 074	15	9.703 427	19	0.296 573	9.950 646	4	199	
802	9.654 089	15	9.703 446	19	0.296 554	9.950 642	4	198	
803	9.654 104	15	9.703 465	19	0.296 535	9.950 638	3	197	
804	9.654 119	15	9.703 484	19	0.296 516	9.950 635	4	196	
805	9.654 134	15	9.703 503	19	0.296 497	9.950 631	4	195	
806	9.654 149	15	9.703 522	18	0.296 478	9.950 627	4	194	
807	9.654 164	15	9.703 540	19	0.296 460	9.950 623	4	193	
808	9.654 179	15	9.703 559	19	0.296 441	9.950 619	3	192	
809	9.654 194	15	9.703 578	19	0.296 422	9.950 616	4	191	
.810	9.654 209	15	9.703 597	19	0.296 403	9.950 612	4	.190	
811	9.654 224	15	9.703 616	19	0.296 384	9.950 608	4	189	
812	9.654 239	15	9.703 635	18	0.296 365	9.950 604	4	188	
813	9.654 254	15	9.703 653	19	0.296 347	9.950 600	4	187	
814	9.654 269	15	9.703 672	19	0.296 328	9.950 596	3	186	
815	9.654 284	15	9.703 691	19	0.296 309	9.950 593	4	185	
816	9.654 299	15	9.703 710	19	0.296 290	9.950 589	4	184	
817	9.654 314	15	9.703 729	19	0.296 271	9.950 585	4	183	
818	9.654 329	15	9.703 748	18	0.296 252	9.950 581	4	182	
819	9.654 344	15	9.703 766	19	0.296 234	9.950 577	4	181	
.820	9.654 359	15	9.703 785	19	0.296 215	9.950 573	3	.180	
821	9.654 374	15	9.703 804	19	0.296 196	9.950 570	4	179	
822	9.654 389	15	9.703 823	19	0.296 177	9.950 566	4	178	
823	9.654 404	15	9.703 842	19	0.296 158	9.950 562	4	177	
824	9.654 419	15	9.703 861	18	0.296 139	9.950 558	4	176	
825	9.654 434	15	9.703 879	19	0.296 121	9.950 554	4	175	
826	9.654 449	15	9.703 898	19	0.296 102	9.950 550	4	174	
827	9.654 464	15	9.703 917	19	0.296 083	9.950 547	3	173	
828	9.654 479	15	9.703 936	19	0.296 064	9.950 543	4	172	
829	9.654 493	14	9.703 955	19	0.296 045	9.950 539	4	171	
.830	9.654 508	15	9.703 973	18	0.296 027	9.950 535	4	.170	
831	9.654 523	15	9.703 992	19	0.296 008	9.950 531	4	169	
832	9.654 538	15	9.704 011	19	0.295 989	9.950 527	4	168	
833	9.654 553	15	9.704 030	19	0.295 970	9.950 524	3	167	
834	9.654 568	15	9.704 049	19	0.295 951	9.950 520	4	166	
835	9.654 583	15	9.704 068	18	0.295 932	9.950 516	4	165	
836	9.654 598	15	9.704 086	19	0.295 914	9.950 512	4	164	
837	9.654 613	15	9.704 105	19	0.295 895	9.950 508	4	163	
838	9.654 628	15	9.704 124	19	0.295 876	9.950 504	4	162	
839	9.654 643	15	9.704 143	19	0.295 857	9.950 501	3	161	
.840	9.654 658	15	9.704 162	18	0.295 838	9.950 497	4	.160	
841	9.654 673	15	9.704 180	19	0.295 820	9.950 493	4	159	
842	9.654 688	15	9.704 199	19	0.295 801	9.950 489	4	158	
843	9.654 703	15	9.704 218	19	0.295 782	9.950 485	4	157	
844	9.654 718	15	9.704 237	19	0.295 763	9.950 481	3	156	
845	9.654 733	15	9.704 256	18	0.295 744	9.950 478	4	155	
846	9.654 748	15	9.704 274	19	0.295 726	9.950 474	4	154	
847	9.654 763	15	9.704 293	19	0.295 707	9.950 470	4	153	
848	9.654 778	15	9.704 312	19	0.295 688	9.950 466	4	152	
849	9.654 793	15	9.704 331	19	0.295 669	9.950 462	4	151	
.850	9.654 808		9.704 350		0.295 650	9.950 458		.150	
	cos	d	cotg	d	tang	sin	d	63°	P.P.

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1	1.9
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6	11.4
7	13.3
8	15.2
9	17.1

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1	1.8
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3	5.4
4	7.2
5	9.0
6	10.8
7	12.6
8	14.4
9	16.2

	15
1	1.5
2	3.0
3	4.5
4	6.0
5	7.5
6	9.0
7	10.5
8	12.0
9	13.5

	14
1	1.4
2	2.8
3	4.2
4	5.6
5	7.0
6	8.4
7	9.8
8	11.2
9	12.6

63°.200 — 63°.150

26°.850 — 26°.900

26°	sin	d	tang	d	cotg	cos	d		P.P.
.850	9.654 808	15	9.704 350	19	0.295 650	9.950 458	4	.150	
851	9.654 823	15	9.704 369	18	0.295 631	9.950 454	3	149	
852	9.654 838	15	9.704 387	19	0.295 613	9.950 451	4	148	
853	9.654 853	15	9.704 406	19	0.295 594	9.950 447	4	147	
854	9.654 868	15	9.704 425	19	0.295 575	9.950 443	4	146	
855	9.654 883	15	9.704 444	19	0.295 556	9.950 439	4	145	
856	9.654 898	15	9.704 463	18	0.295 537	9.950 435	4	144	
857	9.654 913	15	9.704 481	19	0.295 519	9.950 431	3	143	
858	9.654 928	15	9.704 500	19	0.295 500	9.950 428	4	142	
859	9.654 943	15	9.704 519	19	0.295 481	9.950 424	4	141	
.860	9.654 958	15	9.704 538	19	0.295 462	9.950 420	4	.140	
861	9.654 973	15	9.704 557	18	0.295 443	9.950 416	4	139	
862	9.654 988	15	9.704 575	19	0.295 425	9.950 412	4	138	
863	9.655 003	15	9.704 594	19	0.295 406	9.950 408	3	137	
864	9.655 018	15	9.704 613	19	0.295 387	9.950 405	4	136	
865	9.655 033	15	9.704 632	19	0.295 368	9.950 401	4	135	
866	9.655 048	15	9.704 651	18	0.295 349	9.950 397	4	134	
867	9.655 063	14	9.704 669	19	0.295 331	9.950 393	4	133	
868	9.655 077	15	9.704 688	19	0.295 312	9.950 389	4	132	
869	9.655 092	15	9.704 707	19	0.295 293	9.950 385	3	131	
.870	9.655 107	15	9.704 726	19	0.295 274	9.950 382	4	.130	
871	9.655 122	15	9.704 745	18	0.295 255	9.950 378	4	129	
872	9.655 137	15	9.704 763	19	0.295 237	9.950 374	4	128	
873	9.655 152	15	9.704 782	19	0.295 218	9.950 370	4	127	
874	9.655 167	15	9.704 801	19	0.295 199	9.950 366	4	126	
875	9.655 182	15	9.704 820	19	0.295 180	9.950 362	3	125	
876	9.655 197	15	9.704 839	18	0.295 161	9.950 359	4	124	
877	9.655 212	15	9.704 857	19	0.295 143	9.950 355	4	123	
878	9.655 227	15	9.704 876	19	0.295 124	9.950 351	4	122	
879	9.655 242	15	9.704 895	19	0.295 105	9.950 347	4	121	
.880	9.655 257	15	9.704 914	19	0.295 086	9.950 343	4	.120	
881	9.655 272	15	9.704 933	18	0.295 067	9.950 339	4	119	
882	9.655 287	15	9.704 951	19	0.295 049	9.950 335	3	118	
883	9.655 302	15	9.704 970	19	0.295 030	9.950 332	4	117	
884	9.655 317	15	9.704 989	19	0.295 011	9.950 328	4	116	
885	9.655 332	15	9.705 008	19	0.294 992	9.950 324	4	115	
886	9.655 347	15	9.705 027	18	0.294 973	9.950 320	4	114	
887	9.655 362	15	9.705 045	19	0.294 955	9.950 316	4	113	
888	9.655 377	15	9.705 064	19	0.294 936	9.950 312	3	112	
889	9.655 392	14	9.705 083	19	0.294 917	9.950 309	4	111	
.890	9.655 406	15	9.705 102	19	0.294 898	9.950 305	4	.110	
891	9.655 421	15	9.705 121	18	0.294 879	9.950 301	4	109	
892	9.655 436	15	9.705 139	19	0.294 861	9.950 297	4	108	
893	9.655 451	15	9.705 158	19	0.294 842	9.950 293	4	107	
894	9.655 466	15	9.705 177	19	0.294 823	9.950 289	4	106	
895	9.655 481	15	9.705 196	19	0.294 804	9.950 285	3	105	
896	9.655 496	15	9.705 215	18	0.294 785	9.950 282	4	104	
897	9.655 511	15	9.705 233	19	0.294 767	9.950 278	4	103	
898	9.655 526	15	9.705 252	19	0.294 748	9.950 274	4	102	
899	9.655 541	15	9.705 271	19	0.294 729	9.950 270	4	101	
.900	9.655 556		9.705 290		0.294 710	9.950 266		.100	
	cos	d	cotg	d	tang	sin	d	63°	P.P.

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9	17.1

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3	5.4
4	7.2
5	9.0
6	10.8
7	12.6
8	14.4
9	16.2

	15
1	1.5
2	3.0
3	4.5
4	6.0
5	7.5
6	9.0
7	10.5
8	12.0
9	13.5

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1	1.4
2	2.8
3	4.2
4	5.6
5	7.0
6	8.4
7	9.8
8	11.2
9	12.6

63°.150 — 63°.100

26°.900 — 26°.950

26°	sin	d	tang	d	cotg	cos	d		P.P.
.900	9.655 556	15	9.705 290	18	0.294 710	9.950 266	4	.100	
901	9.655 571	15	9.705 308	19	0.294 692	9.950 262	3	099	
902	9.655 586	15	9.705 327	19	0.294 673	9.950 259	4	098	
903	9.655 601	15	9.705 346	19	0.294 654	9.950 255	4	097	
904	9.655 616	15	9.705 365	19	0.294 635	9.950 251	4	096	19
905	9.655 631	15	9.705 384	18	0.294 616	9.950 247	4	095	1 1.9
906	9.655 646	14	9.705 402	19	0.294 598	9.950 243	4	094	2 3.8
907	9.655 660	15	9.705 421	19	0.294 579	9.950 239	4	093	3 5.7
908	9.655 675	15	9.705 440	19	0.294 560	9.950 235	3	092	4 7.6
909	9.655 690	15	9.705 459	18	0.294 541	9.950 232	4	091	5 9.5
.910	9.655 705	15	9.705 477	19	0.294 523	9.950 228	4	.090	6 11.4
911	9.655 720	15	9.705 496	19	0.294 504	9.950 224	4	089	7 13.3
912	9.655 735	15	9.705 515	19	0.294 485	9.950 220	4	088	8 15.2
913	9.655 750	15	9.705 534	19	0.294 466	9.950 216	4	087	9 17.1
914	9.655 765	15	9.705 553	18	0.294 447	9.950 212	3	086	
915	9.655 780	15	9.705 571	19	0.294 429	9.950 209	4	085	18
916	9.655 795	15	9.705 590	19	0.294 410	9.950 205	4	084	1 1.8
917	9.655 810	15	9.705 609	19	0.294 391	9.950 201	4	083	2 3.6
918	9.655 825	15	9.705 628	19	0.294 372	9.950 197	4	082	3 5.4
919	9.655 840	15	9.705 647	18	0.294 353	9.950 193	4	081	4 7.2
.920	9.655 855	15	9.705 665	19	0.294 335	9.950 189	4	.080	5 9.0
921	9.655 870	15	9.705 684	19	0.294 316	9.950 185	4	079	6 10.8
922	9.655 884	14	9.705 703	19	0.294 297	9.950 182	3	078	7 12.6
923	9.655 899	15	9.705 722	18	0.294 278	9.950 178	4	077	8 14.4
924	9.655 914	15	9.705 740	19	0.294 260	9.950 174	4	076	9 16.2
925	9.655 929	15	9.705 759	19	0.294 241	9.950 170	4	075	
926	9.655 944	15	9.705 778	19	0.294 222	9.950 166	4	074	
927	9.655 959	15	9.705 797	18	0.294 203	9.950 162	3	073	15
928	9.655 974	15	9.705 815	19	0.294 185	9.950 159	4	072	1 1.5
929	9.655 989	15	9.705 834	19	0.294 166	9.950 155	4	071	2 3.0
.930	9.656 004	15	9.705 853	19	0.294 147	9.950 151	4	.070	3 4.5
931	9.656 019	15	9.705 872	19	0.294 128	9.950 147	4	069	4 6.0
932	9.656 034	15	9.705 891	18	0.294 109	9.950 143	4	068	5 7.5
933	9.656 049	15	9.705 909	19	0.294 091	9.950 139	4	067	6 9.0
934	9.656 064	14	9.705 928	19	0.294 072	9.950 135	3	066	7 10.5
935	9.656 078	15	9.705 947	19	0.294 053	9.950 132	4	065	8 12.0
936	9.656 093	15	9.705 966	18	0.294 034	9.950 128	4	064	9 13.5
937	9.656 108	15	9.705 984	19	0.294 016	9.950 124	4	063	
938	9.656 123	15	9.706 003	19	0.293 997	9.950 120	4	062	
939	9.656 138	15	9.706 022	19	0.293 978	9.950 116	4	061	14
.940	9.656 153	15	9.706 041	18	0.293 959	9.950 112	4	.060	1 1.4
941	9.656 168	15	9.706 059	19	0.293 941	9.950 108	3	059	2 2.8
942	9.656 183	15	9.706 078	19	0.293 922	9.950 105	4	058	3 4.2
943	9.656 198	15	9.706 097	19	0.293 903	9.950 101	4	057	4 5.6
944	9.656 213	15	9.706 116	19	0.293 884	9.950 097	4	056	5 7.0
945	9.656 228	15	9.706 135	18	0.293 865	9.950 093	4	055	6 8.4
946	9.656 243	14	9.706 153	19	0.293 847	9.950 089	4	054	7 9.8
947	9.656 257	15	9.706 172	19	0.293 828	9.950 085	4	053	8 11.2
948	9.656 272	15	9.706 191	19	0.293 809	9.950 081	3	052	9 12.6
949	9.656 287	15	9.706 210	18	0.293 790	9.950 078	4	051	
.950	9.656 302		9.706 228		0.293 772	9.950 074		.050	
	cos	d	cotg	d	tang	sin	d	63°	P.P.

63°.100 — 63°.050

26°.950 — 27°.000

26°	sin	d	tang	d	cotg	cos	d		P.P.
.950	9.656 302	15	9.706 228	19	0.293 772	9.950 074	4	.050	
951	9.656 317	15	9.706 247	19	0.293 753	9.950 070	4	049	
952	9.656 332	15	9.706 266	19	0.293 734	9.950 066	4	048	
953	9.656 347	15	9.706 285	18	0.293 715	9.950 062	4	047	
954	9.656 362	15	9.706 303	19	0.293 697	9.950 058	3	046	
955	9.656 377	15	9.706 322	19	0.293 678	9.950 055	4	045	
956	9.656 392	14	9.706 341	19	0.293 659	9.950 051	4	044	
957	9.656 406	15	9.706 360	18	0.293 640	9.950 047	4	043	
958	9.656 421	15	9.706 378	19	0.293 622	9.950 043	4	042	
959	9.656 436	15	9.706 397	19	0.293 603	9.950 039	4	041	
.960	9.656 451	15	9.706 416	19	0.293 584	9.950 035	4	.040	
961	9.656 466	15	9.706 435	18	0.293 565	9.950 031	3	039	
962	9.656 481	15	9.706 453	19	0.293 547	9.950 028	4	038	
963	9.656 496	15	9.706 472	19	0.293 528	9.950 024	4	037	
964	9.656 511	15	9.706 491	19	0.293 509	9.950 020	4	036	
965	9.656 526	15	9.706 510	18	0.293 490	9.950 016	4	035	
966	9.656 541	14	9.706 528	19	0.293 472	9.950 012	4	034	
967	9.656 555	15	9.706 547	19	0.293 453	9.950 008	4	033	
968	9.656 570	15	9.706 566	19	0.293 434	9.950 004	3	032	
969	9.656 585	15	9.706 585	19	0.293 415	9.950 001	4	031	
.970	9.656 600	15	9.706 604	18	0.293 396	9.949 997	4	.030	
971	9.656 615	15	9.706 622	19	0.293 378	9.949 993	4	029	
972	9.656 630	15	9.706 641	19	0.293 359	9.949 989	4	028	
973	9.656 645	15	9.706 660	19	0.293 340	9.949 985	4	027	
974	9.656 660	15	9.706 679	18	0.293 321	9.949 981	4	026	
975	9.656 675	15	9.706 697	19	0.293 303	9.949 977	3	025	
976	9.656 690	14	9.706 716	19	0.293 284	9.949 974	4	024	
977	9.656 704	15	9.706 735	19	0.293 265	9.949 970	4	023	
978	9.656 719	15	9.706 754	18	0.293 246	9.949 966	4	022	
979	9.656 734	15	9.706 772	19	0.293 228	9.949 962	4	021	
.980	9.656 749	15	9.706 791	19	0.293 209	9.949 958	4	.020	
981	9.656 764	15	9.706 810	19	0.293 190	9.949 954	4	019	
982	9.656 779	15	9.706 829	18	0.293 171	9.949 950	3	018	
983	9.656 794	15	9.706 847	19	0.293 153	9.949 947	4	017	
984	9.656 809	15	9.706 866	19	0.293 134	9.949 943	4	016	
985	9.656 824	14	9.706 885	18	0.293 115	9.949 939	4	015	
986	9.656 838	15	9.706 903	19	0.293 097	9.949 935	4	014	
987	9.656 853	15	9.706 922	19	0.293 078	9.949 931	4	013	
988	9.656 868	15	9.706 941	19	0.293 059	9.949 927	4	012	
989	9.656 883	15	9.706 960	18	0.293 040	9.949 923	4	011	
.990	9.656 898	15	9.706 978	19	0.293 022	9.949 919	3	.010	
991	9.656 913	15	9.706 997	19	0.293 003	9.949 916	4	009	
992	9.656 928	15	9.707 016	19	0.292 984	9.949 912	4	008	
993	9.656 943	14	9.707 035	18	0.292 965	9.949 908	4	007	
994	9.656 957	15	9.707 053	19	0.292 947	9.949 904	4	006	
995	9.656 972	15	9.707 072	19	0.292 928	9.949 900	4	005	
996	9.656 987	15	9.707 091	19	0.292 909	9.949 896	4	004	
997	9.657 002	15	9.707 110	18	0.292 890	9.949 892	3	003	
998	9.657 017	15	9.707 128	19	0.292 872	9.949 889	4	002	
999	9.657 032	15	9.707 147	19	0.292 853	9.949 885	4	001	
*.000	9.657 047		9.707 166		0.292 834	9.949 881		.000	
	cos	d	cotg	d	tang	sin	d	63°	P.P.

	19
1	1.9
2	3.8
3	5.7
4	7.6
5	9.5
6	11.4
7	13.3
8	15.2
9	17.1

	18
1	1.8
2	3.6
3	5.4
4	7.2
5	9.0
6	10.8
7	12.6
8	14.4
9	16.2

	15
1	1.5
2	3.0
3	4.5
4	6.0
5	7.5
6	9.0
7	10.5
8	12.0
9	13.5

	14
1	1.4
2	2.8
3	4.2
4	5.6
5	7.0
6	8.4
7	9.8
8	11.2
9	12.6

63°.050 — 63°.000

27°.000 — 27°.050

27°	sin	d	tang	d	cotg	cos	d		P.P.
.000	9.657 047	15	9.707 166	19	0.292 834	9.949 881	4	***000**	
001	9.657 062	15	9.707 185	18	0.292 815	9.949 877	4	999	
002	9.657 077	14	9.707 203	19	0.292 797	9.949 873	4	998	
003	9.657 091	15	9.707 222	19	0.292 778	9.949 869	4	997	
004	9.657 106	15	9.707 241	19	0.292 759	9.949 865	3	996	19
005	9.657 121	15	9.707 260	18	0.292 740	9.949 862	4	995	1 1.9
006	9.657 136	15	9.707 278	19	0.292 722	9.949 858	4	994	2 3.8
007	9.657 151	15	9.707 297	19	0.292 703	9.949 854	4	993	3 5.7
008	9.657 166	15	9.707 316	19	0.292 684	9.949 850	4	992	4 7.6
009	9.657 181	14	9.707 335	18	0.292 665	9.949 846	4	991	5 9.5
.010	9.657 195	15	9.707 353	19	0.292 647	9.949 842	4	**.990**	6 11.4
011	9.657 210	15	9.707 372	19	0.292 628	9.949 838	3	989	7 13.3
012	9.657 225	15	9.707 391	18	0.292 609	9.949 835	4	988	8 15.2
013	9.657 240	15	9.707 409	19	0.292 591	9.949 831	4	987	9 17.1
014	9.657 255	15	9.707 428	19	0.292 572	9.949 827	4	986	
015	9.657 270	15	9.707 447	19	0.292 553	9.949 823	4	985	18
016	9.657 285	15	9.707 466	18	0.292 534	9.949 819	4	984	1 1.8
017	9.657 300	15	9.707 484	19	0.292 516	9.949 815	4	983	2 3.6
018	9.657 314	14	9.707 503	19	0.292 497	9.949 811	4	982	3 5.4
019	9.657 329	15	9.707 522	19	0.292 478	9.949 807	3	981	4 7.2
.020	9.657 344	15	9.707 541	18	0.292 459	9.949 804	4	**.980**	5 9.0
021	9.657 359	15	9.707 559	19	0.292 441	9.949 800	4	979	6 10.8
022	9.657 374	15	9.707 578	19	0.292 422	9.949 796	4	978	7 12.6
023	9.657 389	15	9.707 597	18	0.292 403	9.949 792	4	977	8 14.4
024	9.657 404	14	9.707 615	19	0.292 385	9.949 788	4	976	9 16.2
025	9.657 418	15	9.707 634	19	0.292 366	9.949 784	4	975	
026	9.657 433	15	9.707 653	19	0.292 347	9.949 780	3	974	
027	9.657 448	15	9.707 672	18	0.292 328	9.949 777	4	973	15
028	9.657 463	15	9.707 690	19	0.292 310	9.949 773	4	972	1 1.5
029	9.657 478	15	9.707 709	19	0.292 291	9.949 769	4	971	2 3.0
.030	9.657 493	15	9.707 728	19	0.292 272	9.949 765	4	**.970**	3 4.5
031	9.657 508	15	9.707 747	18	0.292 253	9.949 761	4	969	4 6.0
032	9.657 522	14	9.707 765	19	0.292 235	9.949 757	4	968	5 7.5
033	9.657 537	15	9.707 784	19	0.292 216	9.949 753	4	967	6 9.0
034	9.657 552	15	9.707 803	18	0.292 197	9.949 749	3	966	7 10.5
035	9.657 567	15	9.707 821	19	0.292 179	9.949 746	4	965	8 12.0
036	9.657 582	15	9.707 840	19	0.292 160	9.949 742	4	964	9 13.5
037	9.657 597	15	9.707 859	19	0.292 141	9.949 738	4	963	
038	9.657 612	14	9.707 878	18	0.292 122	9.949 734	4	962	
039	9.657 626	15	9.707 896	19	0.292 104	9.949 730	4	961	14
.040	9.657 641	15	9.707 915	19	0.292 085	9.949 726	4	**.960**	1 1.4
041	9.657 656	15	9.707 934	18	0.292 066	9.949 722	3	959	2 2.8
042	9.657 671	15	9.707 952	19	0.292 048	9.949 719	4	958	3 4.2
043	9.657 686	15	9.707 971	19	0.292 029	9.949 715	4	957	4 5.6
044	9.657 701	15	9.707 990	19	0.292 010	9.949 711	4	956	5 7.0
045	9.657 716	15	9.708 009	18	0.291 991	9.949 707	4	955	6 8.4
046	9.657 730	14	9.708 027	19	0.291 973	9.949 703	4	954	7 9.8
047	9.657 745	15	9.708 046	19	0.291 954	9.949 699	4	953	8 11.2
048	9.657 760	15	9.708 065	18	0.291 935	9.949 695	4	952	9 12.6
049	9.657 775	15	9.708 083	19	0.291 917	9.949 691	3	951	
.050	9.657 790		9.708 102		0.291 898	9.949 688		**.950**	
	cos	d	cotg	d	tang	sin	d	**62°**	P.P.

63°.000 — 62°.950

27°.050 — 27°.100

27°	sin	d	tang	d	cotg	cos	d		P.P.
.050	9.657 790	15	9.708 102	19	0.291 898	9.949 688	4	**.950**	
051	9.657 805	14	9.708 121	19	0.291 879	9.949 684	4	949	
052	9.657 819	15	9.708 140	18	0.291 860	9.949 680	4	948	
053	9.657 834	15	9.708 158	19	0.291 842	9.949 676	4	947	
054	9.657 849	15	9.708 177	19	0.291 823	9.949 672	4	946	19
055	9.657 864	15	9.708 196	18	0.291 804	9.949 668	4	945	1 1.9
056	9.657 879	15	9.708 214	19	0.291 786	9.949 664	4	944	2 3.8
057	9.657 894	15	9.708 233	19	0.291 767	9.949 660	4	943	3 5.7
058	9.657 909	14	9.708 252	19	0.291 748	9.949 657	3	942	4 7.6
059	9.657 923	15	9.708 271	18	0.291 729	9.949 653	4	941	5 9.5
.060	9.657 938	15	9.708 289	19	0.291 711	9.949 649	4	**.940**	6 11.4
061	9.657 953	15	9.708 308	19	0.291 692	9.949 645	4	939	7 13.3
062	9.657 968	15	9.708 327	18	0.291 673	9.949 641	4	938	8 15.2
063	9.657 983	15	9.708 345	19	0.291 655	9.949 637	4	937	9 17.1
064	9.657 998	14	9.708 364	19	0.291 636	9.949 633	4	936	
065	9.658 012	15	9.708 383	19	0.291 617	9.949 629	4	935	18
066	9.658 027	15	9.708 402	18	0.291 598	9.949 626	3	934	1 1.8
067	9.658 042	15	9.708 420	19	0.291 580	9.949 622	4	933	2 3.6
068	9.658 057	15	9.708 439	19	0.291 561	9.949 618	4	932	3 5.4
069	9.658 072	15	9.708 458	18	0.291 542	9.949 614	4	931	4 7.2
.070	9.658 087	14	9.708 476	19	0.291 524	9.949 610	4	**.930**	5 9.0
071	9.658 101	15	9.708 495	19	0.291 505	9.949 606	4	929	6 10.8
072	9.658 116	15	9.708 514	19	0.291 486	9.949 602	4	928	7 12.6
073	9.658 131	15	9.708 533	18	0.291 467	9.949 599	3	927	8 14.4
074	9.658 146	15	9.708 551	19	0.291 449	9.949 595	4	926	9 16.2
075	9.658 161	15	9.708 570	19	0.291 430	9.949 591	4	925	
076	9.658 176	15	9.708 589	18	0.291 411	9.949 587	4	924	
077	9.658 190	14	9.708 607	19	0.291 393	9.949 583	4	923	15
078	9.658 205	15	9.708 626	19	0.291 374	9.949 579	4	922	1 1.5
079	9.658 220	15	9.708 645	18	0.291 355	9.949 575	4	921	2 3.0
.080	9.658 235	15	9.708 663	19	0.291 337	9.949 571	4	**.920**	3 4.5
081	9.658 250	15	9.708 682	19	0.291 318	9.949 568	3	919	4 6.0
082	9.658 264	14	9.708 701	19	0.291 299	9.949 564	4	918	5 7.5
083	9.658 279	15	9.708 720	18	0.291 280	9.949 560	4	917	6 9.0
084	9.658 294	15	9.708 738	19	0.291 262	9.949 556	4	916	7 10.5
085	9.658 309	15	9.708 757	19	0.291 243	9.949 552	4	915	8 12.0
086	9.658 324	15	9.708 776	18	0.291 224	9.949 548	4	914	9 13.5
087	9.658 339	15	9.708 794	19	0.291 206	9.949 544	4	913	
088	9.658 353	14	9.708 813	19	0.291 187	9.949 540	4	912	
089	9.658 368	15	9.708 832	18	0.291 168	9.949 536	4	911	14
.090	9.658 383	15	9.708 850	19	0.291 150	9.949 533	3	**.910**	1 1.4
091	9.658 398	15	9.708 869	19	0.291 131	9.949 529	4	909	2 2.8
092	9.658 413	15	9.708 888	19	0.291 112	9.949 525	4	908	3 4.2
093	9.658 427	14	9.708 907	18	0.291 093	9.949 521	4	907	4 5.6
094	9.658 442	15	9.708 925	19	0.291 075	9.949 517	4	906	5 7.0
095	9.658 457	15	9.708 944	19	0.291 056	9.949 513	4	905	6 8.4
096	9.658 472	15	9.708 963	18	0.291 037	9.949 509	4	904	7 9.8
097	9.658 487	15	9.708 981	19	0.291 019	9.949 505	4	903	8 11.2
098	9.658 502	15	9.709 000	19	0.291 000	9.949 502	3	902	9 12.6
099	9.658 516	14	9.709 019	18	0.290 981	9.949 498	4	901	
.100	9.658 531	15	9.709 037		0.290 963	9.949 494	4	**.900**	
	cos	d	cotg	d	tang	sin	d	62°	P.P.

62°.950 — 62°.900

27°.100 — 27°.150

27°	sin	d	tang	d	cotg	cos	d		P.P.
.100	9.658 531	15	9.709 037	19	0.290 963	9.949 494	4	**.900**	
101	9.658 546	15	9.709 056	19	0.290 944	9.949 490	4	899	
102	9.658 561	15	9.709 075	18	0.290 925	9.949 486	4	898	
103	9.658 576	14	9.709 093	19	0.290 907	9.949 482	4	897	
104	9.658 590	15	9.709 112	19	0.290 888	9.949 478	4	896	19
105	9.658 605	15	9.709 131	18	0.290 869	9.949 474	3	895	1 1.9
106	9.658 620	15	9.709 149	19	0.290 851	9.949 471	4	894	2 3.8
107	9.658 635	15	9.709 168	19	0.290 832	9.949 467	4	893	3 5.7
108	9.658 650	14	9.709 187	19	0.290 813	9.949 463	4	892	4 7.6
109	9.658 664	15	9.709 206	18	0.290 794	9.949 459	4	891	5 9.5
.110	9.658 679	15	9.709 224	19	0.290 776	9.949 455	4	**.890**	6 11.4
111	9.658 694	15	9.709 243	19	0.290 757	9.949 451	4	889	7 13.3
112	9.658 709	15	9.709 262	18	0.290 738	9.949 447	4	888	8 15.2
113	9.658 724	15	9.709 280	19	0.290 720	9.949 443	4	887	9 17.1
114	9.658 739	14	9.709 299	19	0.290 701	9.949 440	3	886	
115	9.658 753	15	9.709 318	18	0.290 682	9.949 436	4	885	18
116	9.658 768	15	9.709 336	19	0.290 664	9.949 432	4	884	1 1.8
117	9.658 783	15	9.709 355	19	0.290 645	9.949 428	4	883	2 3.6
118	9.658 798	15	9.709 374	18	0.290 626	9.949 424	4	882	3 5.4
119	9.658 813	14	9.709 392	19	0.290 608	9.949 420	4	881	4 7.2
.120	9.658 827	15	9.709 411	19	0.290 589	9.949 416	4	**.880**	5 9.0
121	9.658 842	15	9.709 430	18	0.290 570	9.949 412	4	879	6 10.8
122	9.658 857	15	9.709 448	19	0.290 552	9.949 408	4	878	7 12.6
123	9.658 872	15	9.709 467	19	0.290 533	9.949 405	3	877	8 14.4
124	9.658 887	14	9.709 486	18	0.290 514	9.949 401	4	876	9 16.2
125	9.658 901	15	9.709 504	19	0.290 496	9.949 397	4	875	
126	9.658 916	15	9.709 523	19	0.290 477	9.949 393	4	874	
127	9.658 931	15	9.709 542	19	0.290 458	9.949 389	4	873	15
128	9.658 946	14	9.709 561	18	0.290 439	9.949 385	4	872	1 1.5
129	9.658 960	15	9.709 579	19	0.290 421	9.949 381	4	871	2 3.0
.130	9.658 975	15	9.709 598	19	0.290 402	9.949 377	4	**.870**	3 4.5
131	9.658 990	15	9.709 617	18	0.290 383	9.949 374	3	869	4 6.0
132	9.659 005	15	9.709 635	19	0.290 365	9.949 370	4	868	5 7.5
133	9.659 020	14	9.709 654	19	0.290 346	9.949 366	4	867	6 9.0
134	9.659 034	15	9.709 673	18	0.290 327	9.949 362	4	866	7 10.5
135	9.659 049	15	9.709 691	19	0.290 309	9.949 358	4	865	8 12.0
136	9.659 064	15	9.709 710	19	0.290 290	9.949 354	4	864	9 13.5
137	9.659 079	15	9.709 729	18	0.290 271	9.949 350	4	863	
138	9.659 094	14	9.709 747	19	0.290 253	9.949 346	4	862	
139	9.659 108	15	9.709 766	19	0.290 234	9.949 342	4	861	14
.140	9.659 123	15	9.709 785	18	0.290 215	9.949 339	3	**.860**	1 1.4
141	9.659 138	15	9.709 803	19	0.290 197	9.949 335	4	859	2 2.8
142	9.659 153	15	9.709 822	19	0.290 178	9.949 331	4	858	3 4.2
143	9.659 168	14	9.709 841	18	0.290 159	9.949 327	4	857	4 5.6
144	9.659 182	15	9.709 859	19	0.290 141	9.949 323	4	856	5 7.0
145	9.659 197	15	9.709 878	19	0.290 122	9.949 319	4	855	6 8.4
146	9.659 212	15	9.709 897	18	0.290 103	9.949 315	4	854	7 9.8
147	9.659 227	14	9.709 915	19	0.290 085	9.949 311	4	853	8 11.2
148	9.659 241	15	9.709 934	19	0.290 066	9.949 307	4	852	9 12.6
149	9.659 256	15	9.709 953	18	0.290 047	9.949 304	3	851	
.150	9.659 271		9.709 971		0.290 029	9.949 300	4	**.850**	
	cos	d	cotg	d	tang	sin	d	**62°**	P.P.

62°.900 — 62°.850

27°.150 — 27°.200

27°	sin	d	tang	d	cotg	cos	d		P.P.
.150	9.659 271	15	9.709 971	19	0.290 029	9.949 300	4	.850	
151	9.659 286	15	9.709 990	19	0.290 010	9.949 296	4	849	
152	9.659 301	14	9.710 009	18	0.289 991	9.949 292	4	848	
153	9.659 315	15	9.710 027	19	0.289 973	9.949 288	4	847	
154	9.659 330	15	9.710 046	19	0.289 954	9.949 284	4	846	19
155	9.659 345	15	9.710 065	18	0.289 935	9.949 280	4	845	1 1.9
156	9.659 360	14	9.710 083	19	0.289 917	9.949 276	4	844	2 3.8
157	9.659 374	15	9.710 102	19	0.289 898	9.949 272	4	843	3 5.7
158	9.659 389	15	9.710 121	18	0.289 879	9.949 269	3	842	4 7.6
159	9.659 404	15	9.710 139	19	0.289 861	9.949 265	4	841	5 9.5
.160	9.659 419	15	9.710 158	19	0.289 842	9.949 261	4	.840	6 11.4
161	9.659 434	15	9.710 177	18	0.289 823	9.949 257	4	839	7 13.3
162	9.659 448	14	9.710 195	19	0.289 805	9.949 253	4	838	8 15.2
163	9.659 463	15	9.710 214	19	0.289 786	9.949 249	4	837	9 17.1
164	9.659 478	15	9.710 233	18	0.289 767	9.949 245	4	836	
165	9.659 493	15	9.710 251	19	0.289 749	9.949 241	4	835	18
166	9.659 507	14	9.710 270	19	0.289 730	9.949 237	4	834	1 1.8
167	9.659 522	15	9.710 289	18	0.289 711	9.949 234	3	833	2 3.6
168	9.659 537	15	9.710 307	19	0.289 693	9.949 230	4	832	3 5.4
169	9.659 552	15	9.710 326	19	0.289 674	9.949 226	4	831	4 7.2
.170	9.659 567	15	9.710 345	18	0.289 655	9.949 222	4	.830	5 9.0
171	9.659 581	14	9.710 363	19	0.289 637	9.949 218	4	829	6 10.8
172	9.659 596	15	9.710 382	19	0.289 618	9.949 214	4	828	7 12.6
173	9.659 611	15	9.710 401	18	0.289 599	9.949 210	4	827	8 14.4
174	9.659 626	15	9.710 419	19	0.289 581	9.949 206	4	826	9 16.2
175	9.659 640	14	9.710 438	19	0.289 562	9.949 202	4	825	
176	9.659 655	15	9.710 457	18	0.289 543	9.949 199	3	824	
177	9.659 670	15	9.710 475	19	0.289 525	9.949 195	4	823	15
178	9.659 685	15	9.710 494	18	0.289 506	9.949 191	4	822	1 1.5
179	9.659 699	14	9.710 512	19	0.289 488	9.949 187	4	821	2 3.0
.180	9.659 714	15	9.710 531	19	0.289 469	9.949 183	4	.820	3 4.5
181	9.659 729	15	9.710 550	18	0.289 450	9.949 179	4	819	4 6.0
182	9.659 744	15	9.710 568	19	0.289 432	9.949 175	4	818	5 7.5
183	9.659 758	14	9.710 587	19	0.289 413	9.949 171	4	817	6 9.0
184	9.659 773	15	9.710 606	18	0.289 394	9.949 167	4	816	7 10.5
185	9.659 788	15	9.710 624	19	0.289 376	9.949 164	3	815	8 12.0
186	9.659 803	15	9.710 643	19	0.289 357	9.949 160	4	814	9 13.5
187	9.659 817	14	9.710 662	18	0.289 338	9.949 156	4	813	
188	9.659 832	15	9.710 680	19	0.289 320	9.949 152	4	812	
189	9.659 847	15	9.710 699	19	0.289 301	9.949 148	4	811	14
.190	9.659 862	15	9.710 718	18	0.289 282	9.949 144	4	.810	1 1.4
191	9.659 876	14	9.710 736	19	0.289 264	9.949 140	4	809	2 2.8
192	9.659 891	15	9.710 755	19	0.289 245	9.949 136	4	808	3 4.2
193	9.659 906	15	9.710 774	18	0.289 226	9.949 132	4	807	4 5.6
194	9.659 921	15	9.710 792	19	0.289 208	9.949 128	4	806	5 7.0
195	9.659 935	14	9.710 811	19	0.289 189	9.949 125	3	805	6 8.4
196	9.659 950	15	9.710 830	18	0.289 170	9.949 121	4	804	7 9.8
197	9.659 965	15	9.710 848	19	0.289 152	9.949 117	4	803	8 11.2
198	9.659 980	15	9.710 867	18	0.289 133	9.949 113	4	802	9 12.6
199	9.659 995	14	9.710 885	19	0.289 115	9.949 109	4	801	
.200	9.660 009		9.710 904		0.289 096	9.949 105		.800	
	cos	d	cotg	d	tang	sin	d	62°	P.P.

62°.850 — 62°.800

27°.200 — 27°.250

27°	sin	d	tang	d	cotg	cos	d		P.P.
.200	9.660 009	15	9.710 904	19	0.289 096	9.949 105	4	.800	
201	9.660 024	15	9.710 923	18	0.289 077	9.949 101	4	799	
202	9.660 039	14	9.710 941	19	0.289 059	9.949 097	4	798	
203	9.660 053	15	9.710 960	19	0.289 040	9.949 093	3	797	
204	9.660 068	15	9.710 979	18	0.289 021	9.949 090	4	796	
205	9.660 083	15	9.710 997	19	0.289 003	9.949 086	4	795	
206	9.660 098	14	9.711 016	19	0.288 984	9.949 082	4	794	
207	9.660 112	15	9.711 035	18	0.288 965	9.949 078	4	793	
208	9.660 127	15	9.711 053	19	0.288 947	9.949 074	4	792	
209	9.660 142	15	9.711 072	19	0.288 928	9.949 070	4	791	
.210	9.660 157	14	9.711 091	18	0.288 909	9.949 066	4	.790	
211	9.660 171	15	9.711 109	19	0.288 891	9.949 062	4	789	
212	9.660 186	15	9.711 128	18	0.288 872	9.949 058	4	788	
213	9.660 201	15	9.711 146	19	0.288 854	9.949 054	3	787	
214	9.660 216	14	9.711 165	19	0.288 835	9.949 051	4	786	
215	9.660 230	15	9.711 184	18	0.288 816	9.949 047	4	785	
216	9.660 245	15	9.711 202	19	0.288 798	9.949 043	4	784	
217	9.660 260	15	9.711 221	19	0.288 779	9.949 039	4	783	
218	9.660 275	14	9.711 240	18	0.288 760	9.949 035	4	782	
219	9.660 289	15	9.711 258	19	0.288 742	9.949 031	4	781	
.220	9.660 304	15	9.711 277	19	0.288 723	9.949 027	4	.780	
221	9.660 319	15	9.711 296	18	0.288 704	9.949 023	4	779	
222	9.660 334	14	9.711 314	19	0.288 686	9.949 019	4	778	
223	9.660 348	15	9.711 333	18	0.288 667	9.949 015	3	777	
224	9.660 363	15	9.711 351	19	0.288 649	9.949 012	4	776	
225	9.660 378	15	9.711 370	19	0.288 630	9.949 008	4	775	
226	9.660 393	14	9.711 389	18	0.288 611	9.949 004	4	774	
227	9.660 407	15	9.711 407	19	0.288 593	9.949 000	4	773	
228	9.660 422	15	9.711 426	19	0.288 574	9.948 996	4	772	
229	9.660 437	14	9.711 445	18	0.288 555	9.948 992	4	771	
.230	9.660 451	15	9.711 463	19	0.288 537	9.948 988	4	.770	
231	9.660 466	15	9.711 482	19	0.288 518	9.948 984	4	769	
232	9.660 481	15	9.711 501	18	0.288 499	9.948 980	4	768	
233	9.660 496	14	9.711 519	19	0.288 481	9.948 976	3	767	
234	9.660 510	15	9.711 538	18	0.288 462	9.948 973	4	766	
235	9.660 525	15	9.711 556	19	0.288 444	9.948 969	4	765	
236	9.660 540	15	9.711 575	19	0.288 425	9.948 965	4	764	
237	9.660 555	14	9.711 594	18	0.288 406	9.948 961	4	763	
238	9.660 569	15	9.711 612	19	0.288 388	9.948 957	4	762	
239	9.660 584	15	9.711 631	19	0.288 369	9.948 953	4	761	
.240	9.660 599	14	9.711 650	18	0.288 350	9.948 949	4	.760	
241	9.660 613	15	9.711 668	19	0.288 332	9.948 945	4	759	
242	9.660 628	15	9.711 687	18	0.288 313	9.948 941	4	758	
243	9.660 643	15	9.711 705	19	0.288 295	9.948 937	3	757	
244	9.660 658	14	9.711 724	19	0.288 276	9.948 934	4	756	
245	9.660 672	15	9.711 743	18	0.288 257	9.948 930	4	755	
246	9.660 687	15	9.711 761	19	0.288 239	9.948 926	4	754	
247	9.660 702	14	9.711 780	19	0.288 220	9.948 922	4	753	
248	9.660 716	15	9.711 799	18	0.288 201	9.948 918	4	752	
249	9.660 731	15	9.711 817	19	0.288 183	9.948 914	4	751	
.250	9.660 746		9.711 836		0.288 164	9.948 910		.750	
	cos	d	cotg	d	tang	sin	d	62°	P.P.

	19
1	1.9
2	3.8
3	5.7
4	7.6
5	9.5
6	11.4
7	13.3
8	15.2
9	17.1

	18
1	1.8
2	3.6
3	5.4
4	7.2
5	9.0
6	10.8
7	12.6
8	14.4
9	16.2

	15
1	1.5
2	3.0
3	4.5
4	6.0
5	7.5
6	9.0
7	10.5
8	12.0
9	13.5

	14
1	1.4
2	2.8
3	4.2
4	5.6
5	7.0
6	8.4
7	9.8
8	11.2
9	12.6

62°.800 — 62°.750

27°.250 — 27°.300

27°	sin	d	tang	d	cotg	cos	d		P.P.
.250	9.660 746	15	9.711 836	18	0.288 164	9.948 910	4	**.750**	
251	9.660 761	14	9.711 854	19	0.288 146	9.948 906	4	749	
252	9.660 775	15	9.711 873	19	0.288 127	9.948 902	4	748	
253	9.660 790	15	9.711 892	18	0.288 108	9.948 898	3	747	
254	9.660 805	14	9.711 910	19	0.288 090	9.948 895	4	746	
255	9.660 819	15	9.711 929	18	0.288 071	9.948 891	4	745	
256	9.660 834	15	9.711 947	19	0.288 053	9.948 887	4	744	
257	9.660 849	15	9.711 966	19	0.288 034	9.948 883	4	743	
258	9.660 864	14	9.711 985	18	0.288 015	9.948 879	4	742	
259	9.660 878	15	9.712 003	19	0.287 997	9.948 875	4	741	
.260	9.660 893	15	9.712 022	19	0.287 978	9.948 871	4	**.740**	
261	9.660 908	14	9.712 041	18	0.287 959	9.948 867	4	739	
262	9.660 922	15	9.712 059	19	0.287 941	9.948 863	4	738	
263	9.660 937	15	9.712 078	18	0.287 922	9.948 859	4	737	
264	9.660 952	15	9.712 096	19	0.287 904	9.948 855	3	736	
265	9.660 967	14	9.712 115	19	0.287 885	9.948 852	4	735	
266	9.660 981	15	9.712 134	18	0.287 866	9.948 848	4	734	
267	9.660 996	15	9.712 152	19	0.287 848	9.948 844	4	733	
268	9.661 011	14	9.712 171	18	0.287 829	9.948 840	4	732	
269	9.661 025	15	9.712 189	19	0.287 811	9.948 836	4	731	
.270	9.661 040	15	9.712 208	19	0.287 792	9.948 832	4	**.730**	
271	9.661 055	15	9.712 227	18	0.287 773	9.948 828	4	729	
272	9.661 070	14	9.712 245	19	0.287 755	9.948 824	4	728	
273	9.661 084	15	9.712 264	19	0.287 736	9.948 820	4	727	
274	9.661 099	15	9.712 283	18	0.287 717	9.948 816	4	726	
275	9.661 114	14	9.712 301	19	0.287 699	9.948 812	3	725	
276	9.661 128	15	9.712 320	18	0.287 680	9.948 809	4	724	
277	9.661 143	15	9.712 338	19	0.287 662	9.948 805	4	723	
278	9.661 158	14	9.712 357	19	0.287 643	9.948 801	4	722	
279	9.661 172	15	9.712 376	18	0.287 624	9.948 797	4	721	
.280	9.661 187	15	9.712 394	19	0.287 606	9.948 793	4	**.720**	
281	9.661 202	15	9.712 413	18	0.287 587	9.948 789	4	719	
282	9.661 217	14	9.712 431	19	0.287 569	9.948 785	4	718	
283	9.661 231	15	9.712 450	19	0.287 550	9.948 781	4	717	
284	9.661 246	15	9.712 469	18	0.287 531	9.948 777	4	716	
285	9.661 261	14	9.712 487	19	0.287 513	9.948 773	4	715	
286	9.661 275	15	9.712 506	18	0.287 494	9.948 769	3	714	
287	9.661 290	15	9.712 524	19	0.287 476	9.948 766	4	713	
288	9.661 305	14	9.712 543	19	0.287 457	9.948 762	4	712	
289	9.661 319	15	9.712 562	18	0.287 438	9.948 758	4	711	
.290	9.661 334	15	9.712 580	19	0.287 420	9.948 754	4	**.710**	
291	9.661 349	14	9.712 599	18	0.287 401	9.948 750	4	709	
292	9.661 363	15	9.712 617	19	0.287 383	9.948 746	4	708	
293	9.661 378	15	9.712 636	19	0.287 364	9.948 742	4	707	
294	9.661 393	15	9.712 655	18	0.287 345	9.948 738	4	706	
295	9.661 408	14	9.712 673	19	0.287 327	9.948 734	4	705	
296	9.661 422	15	9.712 692	18	0.287 308	9.948 730	4	704	
297	9.661 437	15	9.712 710	19	0.287 290	9.948 726	3	703	
298	9.661 452	14	9.712 729	19	0.287 271	9.948 723	4	702	
299	9.661 466	15	9.712 748	18	0.287 252	9.948 719	4	701	
.300	9.661 481		9.712 766		0.287 234	9.948 715		**.700**	
	cos	d	cotg	d	tang	sin	d	**62°**	P.P.

	19
1	1.9
2	3.8
3	5.7
4	7.6
5	9.5
6	11.4
7	13.3
8	15.2
9	17.1

	18
1	1.8
2	3.6
3	5.4
4	7.2
5	9.0
6	10.8
7	12.6
8	14.4
9	16.2

	15
1	1.5
2	3.0
3	4.5
4	6.0
5	7.5
6	9.0
7	10.5
8	12.0
9	13.5

	14
1	1.4
2	2.8
3	4.2
4	5.6
5	7.0
6	8.4
7	9.8
8	11.2
9	12.6

62°.750 — 62°.700

27°.300 — 27°.350

27°	sin	d	tang	d	cotg	cos	d		P.P.
.300	9.661 481		9.712 766		0.287 234	9.948 715		.700	
		15		19			4		
301	9.661 496		9.712 785		0.287 215	9.948 711		699	
		14		18			4		
302	9.661 510		9.712 803		0.287 197	9.948 707		698	
		15		19			4		
303	9.661 525		9.712 822		0.287 178	9.948 703		697	
		15		19			4		
304	9.661 540		9.712 841		0.287 159	9.948 699		696	
		14		18			4		
305	9.661 554		9.712 859		0.287 141	9.948 695		695	
		15		19			4		
306	9.661 569		9.712 878		0.287 122	9.948 691		694	
		15		18			4		
307	9.661 584		9.712 896		0.287 104	9.948 687		693	
		14		19			4		
308	9.661 598		9.712 915		0.287 085	9.948 683		692	
		15		19			3		
309	9.661 613		9.712 934		0.287 066	9.948 680		691	
		15		18			4		
.310	9.661 628		9.712 952		0.287 048	9.948 676		.690	
		14		19			4		
311	9.661 642		9.712 971		0.287 029	9.948 672		689	
		15		18			4		
312	9.661 657		9.712 989		0.287 011	9.948 668		688	
		15		19			4		
313	9.661 672		9.713 008		0.286 992	9.948 664		687	
		15		19			4		
314	9.661 687		9.713 027		0.286 973	9.948 660		686	
		14		18			4		
315	9.661 701		9.713 045		0.286 955	9.948 656		685	
		15		19			4		
316	9.661 716		9.713 064		0.286 936	9.948 652		684	
		15		18			4		
317	9.661 731		9.713 082		0.286 918	9.948 648		683	
		14		19			4		
318	9.661 745		9.713 101		0.286 899	9.948 644		682	
		15		19			4		
319	9.661 760		9.713 120		0.286 880	9.948 640		681	
		15		18			4		
.320	9.661 775		9.713 138		0.286 862	9.948 636		.680	
		14		19			3		
321	9.661 789		9.713 157		0.286 843	9.948 633		679	
		15		18			4		
322	9.661 804		9.713 175		0.286 825	9.948 629		678	
		15		19			4		
323	9.661 819		9.713 194		0.286 806	9.948 625		677	
		14		18			4		
324	9.661 833		9.713 212		0.286 788	9.948 621		676	
		15		19			4		
325	9.661 848		9.713 231		0.286 769	9.948 617		675	
		15		19			4		
326	9.661 863		9.713 250		0.286 750	9.948 613		674	
		14		18			4		
327	9.661 877		9.713 268		0.286 732	9.948 609		673	
		15		19			4		
328	9.661 892		9.713 287		0.286 713	9.948 605		672	
		15		18			4		
329	9.661 907		9.713 305		0.286 695	9.948 601		671	
		14		19			4		
.330	9.661 921		9.713 324		0.286 676	9.948 597		.670	
		15		19			4		
331	9.661 936		9.713 343		0.286 657	9.948 593		669	
		15		18			4		
332	9.661 951		9.713 361		0.286 639	9.948 589		668	
		14		19			3		
333	9.661 965		9.713 380		0.286 620	9.948 586		667	
		15		18			4		
334	9.661 980		9.713 398		0.286 602	9.948 582		666	
		15		19			4		
335	9.661 995		9.713 417		0.286 583	9.948 578		665	
		14		18			4		
336	9.662 009		9.713 435		0.286 565	9.948 574		664	
		15		19			4		
337	9.662 024		9.713 454		0.286 546	9.948 570		663	
		15		19			4		
338	9.662 039		9.713 473		0.286 527	9.948 566		662	
		14		18			4		
339	9.662 053		9.713 491		0.286 509	9.948 562		661	
		15		19			4		
.340	9.662 068		9.713 510		0.286 490	9.948 558		.660	
		15		18			4		
341	9.662 083		9.713 528		0.286 472	9.948 554		659	
		14		19			4		
342	9.662 097		9.713 547		0.286 453	9.948 550		658	
		15		19			4		
343	9.662 112		9.713 566		0.286 434	9.948 546		657	
		15		18			4		
344	9.662 127		9.713 584		0.286 416	9.948 542		656	
		14		19			3		
345	9.662 141		9.713 603		0.286 397	9.948 539		655	
		15		18			4		
346	9.662 156		9.713 621		0.286 379	9.948 535		654	
		15		19			4		
347	9.662 171		9.713 640		0.286 360	9.948 531		653	
		14		18			4		
348	9.662 185		9.713 658		0.286 342	9.948 527		652	
		15		19			4		
349	9.662 200		9.713 677		0.286 323	9.948 523		651	
		14		19			4		
.350	9.662 214		9.713 696		0.286 304	9.948 519		.650	
	cos	d	cotg	d	tang	sin	d	62°	P.P.

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62°.700 — 62°.650

27°.350 — 27°.400

27°	sin	d	tang	d	cotg	cos	d		P.P.
.350	9.662 214	15	9.713 696	18	0.286 304	9.948 519	4	.650	
351	9.662 229	15	9.713 714	19	0.286 286	9.948 515	4	649	
352	9.662 244	14	9.713 733	18	0.286 267	9.948 511	4	648	
353	9.662 258	15	9.713 751	19	0.286 249	9.948 507	4	647	
354	9.662 273	15	9.713 770	18	0.286 230	9.948 503	4	646	
355	9.662 288	14	9.713 788	19	0.286 212	9.948 499	4	645	
356	9.662 302	15	9.713 807	19	0.286 193	9.948 495	4	644	
357	9.662 317	15	9.713 826	18	0.286 174	9.948 491	3	643	
358	9.662 332	14	9.713 844	19	0.286 156	9.948 488	4	642	
359	9.662 346	15	9.713 863	18	0.286 137	9.948 484	4	641	
.360	9.662 361	15	9.713 881	19	0.286 119	9.948 480	4	.640	
361	9.662 376	14	9.713 900	18	0.286 100	9.948 476	4	639	
362	9.662 390	15	9.713 918	19	0.286 082	9.948 472	4	638	
363	9.662 405	15	9.713 937	19	0.286 063	9.948 468	4	637	
364	9.662 420	14	9.713 956	18	0.286 044	9.948 464	4	636	
365	9.662 434	15	9.713 974	19	0.286 026	9.948 460	4	635	
366	9.662 449	15	9.713 993	18	0.286 007	9.948 456	4	634	
367	9.662 464	14	9.714 011	19	0.285 989	9.948 452	4	633	
368	9.662 478	15	9.714 030	18	0.285 970	9.948 448	4	632	
369	9.662 493	14	9.714 048	19	0.285 952	9.948 444	4	631	
.370	9.662 507	15	9.714 067	19	0.285 933	9.948 440	3	.630	
371	9.662 522	15	9.714 086	18	0.285 914	9.948 437	4	629	
372	9.662 537	14	9.714 104	19	0.285 896	9.948 433	4	628	
373	9.662 551	15	9.714 123	18	0.285 877	9.948 429	4	627	
374	9.662 566	15	9.714 141	19	0.285 859	9.948 425	4	626	
375	9.662 581	14	9.714 160	18	0.285 840	9.948 421	4	625	
376	9.662 595	15	9.714 178	19	0.285 822	9.948 417	4	624	
377	9.662 610	15	9.714 197	18	0.285 803	9.948 413	4	623	
378	9.662 625	14	9.714 215	19	0.285 785	9.948 409	4	622	
379	9.662 639	15	9.714 234	19	0.285 766	9.948 405	4	621	
.380	9.662 654	14	9.714 253	18	0.285 747	9.948 401	4	.620	
381	9.662 668	15	9.714 271	19	0.285 729	9.948 397	4	619	
382	9.662 683	15	9.714 290	18	0.285 710	9.948 393	4	618	
383	9.662 698	14	9.714 308	19	0.285 692	9.948 389	3	617	
384	9.662 712	15	9.714 327	18	0.285 673	9.948 386	4	616	
385	9.662 727	15	9.714 345	19	0.285 655	9.948 382	4	615	
386	9.662 742	14	9.714 364	19	0.285 636	9.948 378	4	614	
387	9.662 756	15	9.714 383	18	0.285 617	9.948 374	4	613	
388	9.662 771	15	9.714 401	19	0.285 599	9.948 370	4	612	
389	9.662 786	14	9.714 420	18	0.285 580	9.948 366	4	611	
.390	9.662 800	15	9.714 438	19	0.285 562	9.948 362	4	.610	
391	9.662 815	14	9.714 457	18	0.285 543	9.948 358	4	609	
392	9.662 829	15	9.714 475	19	0.285 525	9.948 354	4	608	
393	9.662 844	15	9.714 494	18	0.285 506	9.948 350	4	607	
394	9.662 859	14	9.714 512	19	0.285 488	9.948 346	4	606	
395	9.662 873	15	9.714 531	19	0.285 469	9.948 342	4	605	
396	9.662 888	15	9.714 550	18	0.285 450	9.948 338	4	604	
397	9.662 903	14	9.714 568	19	0.285 432	9.948 334	3	603	
398	9.662 917	15	9.714 587	18	0.285 413	9.948 331	4	602	
399	9.662 932	14	9.714 605	19	0.285 395	9.948 327	4	601	
.400	9.662 946		9.714 624		0.285 376	9.948 323		.600	
	cos	d	cotg	d	tang	sin	d	62°	P.P.

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62°.650 — 62°.600

27°.400 — 27°.450

27°	sin	d	tang	d	cotg	cos	d		P.P.
.400	9.662 946	15	9.714 624	18	0.285 376	9.948 323	4	.600	
401	9.662 961	15	9.714 642	19	0.285 358	9.948 319	4	599	
402	9.662 976	14	9.714 661	18	0.285 339	9.948 315	4	598	
403	9.662 990	15	9.714 679	19	0.285 321	9.948 311	4	597	
404	9.663 005	15	9.714 698	18	0.285 302	9.948 307	4	596	
405	9.663 020	14	9.714 716	19	0.285 284	9.948 303	4	595	
406	9.663 034	15	9.714 735	19	0.285 265	9.948 299	4	594	
407	9.663 049	14	9.714 754	18	0.285 246	9.948 295	4	593	
408	9.663 063	15	9.714 772	19	0.285 228	9.948 291	4	592	
409	9.663 078	15	9.714 791	18	0.285 209	9.948 287	4	591	
.410	9.663 093	14	9.714 809	19	0.285 191	9.948 283	4	.590	
411	9.663 107	15	9.714 828	18	0.285 172	9.948 279	4	589	
412	9.663 122	14	9.714 846	19	0.285 154	9.948 276	3	588	
413	9.663 136	15	9.714 865	18	0.285 135	9.948 272	4	587	
414	9.663 151	15	9.714 883	19	0.285 117	9.948 268	4	586	
415	9.663 166	14	9.714 902	19	0.285 098	9.948 264	4	585	
416	9.663 180	15	9.714 921	18	0.285 079	9.948 260	4	584	
417	9.663 195	15	9.714 939	19	0.285 061	9.948 256	4	583	
418	9.663 210	14	9.714 958	18	0.285 042	9.948 252	4	582	
419	9.663 224	15	9.714 976	19	0.285 024	9.948 248	4	581	
.420	9.663 239	14	9.714 995	18	0.285 005	9.948 244	4	.580	
421	9.663 253	15	9.715 013	19	0.284 987	9.948 240	4	579	
422	9.663 268	15	9.715 032	18	0.284 968	9.948 236	4	578	
423	9.663 283	14	9.715 050	19	0.284 950	9.948 232	4	577	
424	9.663 297	15	9.715 069	18	0.284 931	9.948 228	4	576	
425	9.663 312	14	9.715 087	19	0.284 913	9.948 224	4	575	
426	9.663 326	15	9.715 106	18	0.284 894	9.948 220	4	574	
427	9.663 341	15	9.715 124	19	0.284 876	9.948 217	3	573	
428	9.663 356	14	9.715 143	19	0.284 857	9.948 213	4	572	
429	9.663 370	15	9.715 162	18	0.284 838	9.948 209	4	571	
.430	9.663 385	14	9.715 180	19	0.284 820	9.948 205	4	.570	
431	9.663 399	15	9.715 199	18	0.284 801	9.948 201	4	569	
432	9.663 414	15	9.715 217	19	0.284 783	9.948 197	4	568	
433	9.663 429	14	9.715 236	18	0.284 764	9.948 193	4	567	
434	9.663 443	15	9.715 254	19	0.284 746	9.948 189	4	566	
435	9.663 458	14	9.715 273	18	0.284 727	9.948 185	4	565	
436	9.663 472	15	9.715 291	19	0.284 709	9.948 181	4	564	
437	9.663 487	15	9.715 310	18	0.284 690	9.948 177	4	563	
438	9.663 502	14	9.715 328	19	0.284 672	9.948 173	4	562	
439	9.663 516	15	9.715 347	18	0.284 653	9.948 169	4	561	
.440	9.663 531	14	9.715 365	19	0.284 635	9.948 165	4	.560	
441	9.663 545	15	9.715 384	19	0.284 616	9.948 161	4	559	
442	9.663 560	15	9.715 403	18	0.284 597	9.948 157	4	558	
443	9.663 575	14	9.715 421	19	0.284 579	9.948 154	3	557	
444	9.663 589	15	9.715 440	18	0.284 560	9.948 150	4	556	
445	9.663 604	14	9.715 458	19	0.284 542	9.948 146	4	555	
446	9.663 618	15	9.715 477	18	0.284 523	9.948 142	4	554	
447	9.663 633	15	9.715 495	19	0.284 505	9.948 138	4	553	
448	9.663 648	14	9.715 514	18	0.284 486	9.948 134	4	552	
449	9.663 662	15	9.715 532	19	0.284 468	9.948 130	4	551	
.450	9.663 677		9.715 551		0.284 449	9.948 126		.550	
	cos	d	cotg	d	tang	sin	d	62°	P.P.

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62°.600 — 62°.550

27°.450 — 27°.500

27°	sin	d	tang	d	cotg	cos	d		P.P.
.450	9.663 677	14	9.715 551	18	0.284 449	9.948 126	4	**.550**	
451	9.663 691	15	9.715 569	19	0.284 431	9.948 122	4	549	
452	9.663 706	15	9.715 588	18	0.284 412	9.948 118	4	548	
453	9.663 721	14	9.715 606	19	0.284 394	9.948 114	4	547	
454	9.663 735	15	9.715 625	18	0.284 375	9.948 110	4	546	
455	9.663 750	14	9.715 643	19	0.284 357	9.948 106	4	545	
456	9.663 764	15	9.715 662	18	0.284 338	9.948 102	4	544	
457	9.663 779	14	9.715 680	19	0.284 320	9.948 098	3	543	
458	9.663 793	15	9.715 699	19	0.284 301	9.948 095	4	542	
459	9.663 808	15	9.715 718	18	0.284 282	9.948 091	4	541	
.460	9.663 823	14	9.715 736	19	0.284 264	9.948 087	4	**.540**	
461	9.663 837	15	9.715 755	18	0.284 245	9.948 083	4	539	
462	9.663 852	14	9.715 773	19	0.284 227	9.948 079	4	538	
463	9.663 866	15	9.715 792	18	0.284 208	9.948 075	4	537	
464	9.663 881	15	9.715 810	19	0.284 190	9.948 071	4	536	
465	9.663 896	14	9.715 829	18	0.284 171	9.948 067	4	535	
466	9.663 910	15	9.715 847	19	0.284 153	9.948 063	4	534	
467	9.663 925	14	9.715 866	18	0.284 134	9.948 059	4	533	
468	9.663 939	15	9.715 884	19	0.284 116	9.948 055	4	532	
469	9.663 954	14	9.715 903	18	0.284 097	9.948 051	4	531	
.470	9.663 968	15	9.715 921	19	0.284 079	9.948 047	4	**.530**	
471	9.663 983	15	9.715 940	18	0.284 060	9.948 043	4	529	
472	9.663 998	14	9.715 958	19	0.284 042	9.948 039	4	528	
473	9.664 012	15	9.715 977	18	0.284 023	9.948 035	4	527	
474	9.664 027	14	9.715 995	19	0.284 005	9.948 031	3	526	
475	9.664 041	15	9.716 014	18	0.283 986	9.948 028	4	525	
476	9.664 056	15	9.716 032	19	0.283 968	9.948 024	4	524	
477	9.664 071	14	9.716 051	18	0.283 949	9.948 020	4	523	
478	9.664 085	15	9.716 069	19	0.283 931	9.948 016	4	522	
479	9.664 100	14	9.716 088	18	0.283 912	9.948 012	4	521	
.480	9.664 114	15	9.716 106	19	0.283 894	9.948 008	4	**.520**	
481	9.664 129	14	9.716 125	18	0.283 875	9.948 004	4	519	
482	9.664 143	15	9.716 143	19	0.283 857	9.948 000	4	518	
483	9.664 158	15	9.716 162	19	0.283 838	9.947 996	4	517	
484	9.664 173	14	9.716 181	18	0.283 819	9.947 992	4	516	
485	9.664 187	15	9.716 199	19	0.283 801	9.947 988	4	515	
486	9.664 202	14	9.716 218	18	0.283 782	9.947 984	4	514	
487	9.664 216	15	9.716 236	19	0.283 764	9.947 980	4	513	
488	9.664 231	14	9.716 255	18	0.283 745	9.947 976	4	512	
489	9.664 245	15	9.716 273	19	0.283 727	9.947 972	4	511	
.490	9.664 260	15	9.716 292	18	0.283 708	9.947 968	4	**.510**	
491	9.664 275	14	9.716 310	19	0.283 690	9.947 964	4	509	
492	9.664 289	15	9.716 329	18	0.283 671	9.947 960	3	508	
493	9.664 304	14	9.716 347	19	0.283 653	9.947 957	4	507	
494	9.664 318	15	9.716 366	18	0.283 634	9.947 953	4	506	
495	9.664 333	14	9.716 384	19	0.283 616	9.947 949	4	505	
496	9.664 347	15	9.716 403	18	0.283 597	9.947 945	4	504	
497	9.664 362	14	9.716 421	19	0.283 579	9.947 941	4	503	
498	9.664 376	15	9.716 440	18	0.283 560	9.947 937	4	502	
499	9.664 391	15	9.716 458	19	0.283 542	9.947 933	4	501	
.500	9.664 406		9.716 477		0.283 523	9.947 929		**.500**	
	cos	d	cotg	d	tang	sin	d	62°	P.P.

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62°.550 — 62°.500

27°.500 — 27°.550

27°	sin	d	tang	d	cotg	cos	d		P.P.
.500	9.664 406	14	9.716 477	18	0.283 523	9.947 929	4	.500	
501	9.664 420	15	9.716 495	19	0.283 505	9.947 925	4	499	
502	9.664 435	14	9.716 514	18	0.283 486	9.947 921	4	498	
503	9.664 449	15	9.716 532	19	0.283 468	9.947 917	4	497	
504	9.664 464	14	9.716 551	18	0.283 449	9.947 913	4	496	
505	9.664 478	15	9.716 569	19	0.283 431	9.947 909	4	495	
506	9.664 493	15	9.716 588	18	0.283 412	9.947 905	4	494	
507	9.664 508	14	9.716 606	19	0.283 394	9.947 901	4	493	
508	9.664 522	15	9.716 625	18	0.283 375	9.947 897	4	492	
509	9.664 537	14	9.716 643	19	0.283 357	9.947 893	4	491	
.510	9.664 551	15	9.716 662	18	0.283 338	9.947 889	3	.490	
511	9.664 566	14	9.716 680	19	0.283 320	9.947 886	4	489	
512	9.664 580	15	9.716 699	18	0.283 301	9.947 882	4	488	
513	9.664 595	14	9.716 717	19	0.283 283	9.947 878	4	487	
514	9.664 609	15	9.716 736	18	0.283 264	9.947 874	4	486	
515	9.664 624	14	9.716 754	19	0.283 246	9.947 870	4	485	
516	9.664 638	15	9.716 773	18	0.283 227	9.947 866	4	484	
517	9.664 653	15	9.716 791	19	0.283 209	9.947 862	4	483	
518	9.664 668	14	9.716 810	18	0.283 190	9.947 858	4	482	
519	9.664 682	15	9.716 828	19	0.283 172	9.947 854	4	481	
.520	9.664 697	14	9.716 847	18	0.283 153	9.947 850	4	.480	
521	9.664 711	15	9.716 865	19	0.283 135	9.947 846	4	479	
522	9.664 726	14	9.716 884	18	0.283 116	9.947 842	4	478	
523	9.664 740	15	9.716 902	19	0.283 098	9.947 838	4	477	
524	9.664 755	14	9.716 921	18	0.283 079	9.947 834	4	476	
525	9.664 769	15	9.716 939	19	0.283 061	9.947 830	4	475	
526	9.664 784	15	9.716 958	18	0.283 042	9.947 826	4	474	
527	9.664 799	14	9.716 976	19	0.283 024	9.947 822	4	473	
528	9.664 813	15	9.716 995	18	0.283 005	9.947 818	4	472	
529	9.664 828	14	9.717 013	19	0.282 987	9.947 814	4	471	
.530	9.664 842	15	9.717 032	18	0.282 968	9.947 810	3	.470	
531	9.664 857	14	9.717 050	19	0.282 950	9.947 807	4	469	
532	9.664 871	15	9.717 069	18	0.282 931	9.947 803	4	468	
533	9.664 886	14	9.717 087	19	0.282 913	9.947 799	4	467	
534	9.664 900	15	9.717 106	18	0.282 894	9.947 795	4	466	
535	9.664 915	14	9.717 124	19	0.282 876	9.947 791	4	465	
536	9.664 929	15	9.717 143	18	0.282 857	9.947 787	4	464	
537	9.664 944	14	9.717 161	19	0.282 839	9.947 783	4	463	
538	9.664 958	15	9.717 180	18	0.282 820	9.947 779	4	462	
539	9.664 973	15	9.717 198	19	0.282 802	9.947 775	4	461	
.540	9.664 988	14	9.717 217	18	0.282 783	9.947 771	4	.460	
541	9.665 002	15	9.717 235	19	0.282 765	9.947 767	4	459	
542	9.665 017	14	9.717 254	18	0.282 746	9.947 763	4	458	
543	9.665 031	15	9.717 272	19	0.282 728	9.947 759	4	457	
544	9.665 046	14	9.717 291	18	0.282 709	9.947 755	4	456	
545	9.665 060	15	9.717 309	19	0.282 691	9.947 751	4	455	
546	9.665 075	14	9.717 328	18	0.282 672	9.947 747	4	454	
547	9.665 089	15	9.717 346	18	0.282 654	9.947 743	4	453	
548	9.665 104	14	9.717 364	19	0.282 636	9.947 739	4	452	
549	9.665 118	15	9.717 383	18	0.282 617	9.947 735	4	451	
.550	9.665 133		9.717 401		0.282 599	9.947 731		.450	
	cos	d	cotg	d	tang	sin	d	62°	P.P.

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62°.500 — 62°.450

27°.550 — 27°.600

27°	sin	d	tang	d	cotg	cos	d		P.P.
.550	9.665 133	14	9.717 401	19	0.282 599	9.947 731	4	.450	
551	9.665 147	15	9.717 420	18	0.282 580	9.947 727	3	449	
552	9.665 162	14	9.717 438	19	0.282 562	9.947 724	4	448	
553	9.665 176	15	9.717 457	18	0.282 543	9.947 720	4	447	
554	9.665 191	15	9.717 475	19	0.282 525	9.947 716	4	446	
555	9.665 206	14	9.717 494	18	0.282 506	9.947 712	4	445	
556	9.665 220	15	9.717 512	19	0.282 488	9.947 708	4	444	
557	9.665 235	14	9.717 531	18	0.282 469	9.947 704	4	443	
558	9.665 249	15	9.717 549	19	0.282 451	9.947 700	4	442	
559	9.665 264	14	9.717 568	18	0.282 432	9.947 696	4	441	
.560	9.665 278	15	9.717 586	19	0.282 414	9.947 692	4	.440	
561	9.665 293	14	9.717 605	18	0.282 395	9.947 688	4	439	
562	9.665 307	15	9.717 623	19	0.282 377	9.947 684	4	438	
563	9.665 322	14	9.717 642	18	0.282 358	9.947 680	4	437	
564	9.665 336	15	9.717 660	19	0.282 340	9.947 676	4	436	
565	9.665 351	14	9.717 679	18	0.282 321	9.947 672	4	435	
566	9.665 365	15	9.717 697	19	0.282 303	9.947 668	4	434	
567	9.665 380	14	9.717 716	18	0.282 284	9.947 664	4	433	
568	9.665 394	15	9.717 734	19	0.282 266	9.947 660	4	432	
569	9.665 409	14	9.717 753	18	0.282 247	9.947 656	4	431	
.570	9.665 423	15	9.717 771	19	0.282 229	9.947 652	4	.430	
571	9.665 438	14	9.717 790	18	0.282 210	9.947 648	4	429	
572	9.665 452	15	9.717 808	18	0.282 192	9.947 644	4	428	
573	9.665 467	14	9.717 826	19	0.282 174	9.947 640	4	427	
574	9.665 481	15	9.717 845	18	0.282 155	9.947 636	3	426	
575	9.665 496	14	9.717 863	19	0.282 137	9.947 633	4	425	
576	9.665 510	15	9.717 882	18	0.282 118	9.947 629	4	424	
577	9.665 525	14	9.717 900	19	0.282 100	9.947 625	4	423	
578	9.665 539	15	9.717 919	18	0.282 081	9.947 621	4	422	
579	9.665 554	14	9.717 937	19	0.282 063	9.947 617	4	421	
.580	9.665 568	15	9.717 956	18	0.282 044	9.947 613	4	.420	
581	9.665 583	15	9.717 974	19	0.282 026	9.947 609	4	419	
582	9.665 598	14	9.717 993	18	0.282 007	9.947 605	4	418	
583	9.665 612	15	9.718 011	19	0.281 989	9.947 601	4	417	
584	9.665 627	14	9.718 030	18	0.281 970	9.947 597	4	416	
585	9.665 641	15	9.718 048	19	0.281 952	9.947 593	4	415	
586	9.665 656	14	9.718 067	18	0.281 933	9.947 589	4	414	
587	9.665 670	15	9.718 085	19	0.281 915	9.947 585	4	413	
588	9.665 685	14	9.718 104	18	0.281 896	9.947 581	4	412	
589	9.665 699	15	9.718 122	18	0.281 878	9.947 577	4	411	
.590	9.665 714	14	9.718 140	19	0.281 860	9.947 573	4	.410	
591	9.665 728	15	9.718 159	18	0.281 841	9.947 569	4	409	
592	9.665 743	14	9.718 177	19	0.281 823	9.947 565	4	408	
593	9.665 757	15	9.718 196	18	0.281 804	9.947 561	4	407	
594	9.665 772	14	9.718 214	19	0.281 786	9.947 557	4	406	
595	9.665 786	15	9.718 233	18	0.281 767	9.947 553	4	405	
596	9.665 801	14	9.718 251	19	0.281 749	9.947 549	4	404	
597	9.665 815	15	9.718 270	18	0.281 730	9.947 545	4	403	
598	9.665 830	14	9.718 288	19	0.281 712	9.947 541	4	402	
599	9.665 844	15	9.718 307	18	0.281 693	9.947 537	4	401	
.600	9.665 859		9.718 325		0.281 675	9.947 533		.400	
	cos	d	cotg	d	tang	sin	d	62°	P.P.

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62°.450 — 62°.400

27°.600 — 27°.650

27°	sin	d	tang	d	cotg	cos	d		P.P.
.600	9.665 859	14	9.718 325	19	0.281 675	9.947 533	3	**.400**	
601	9.665 873	15	9.718 344	18	0.281 656	9.947 530	4	399	
602	9.665 888	14	9.718 362	18	0.281 638	9.947 526	4	398	
603	9.665 902	15	9.718 380	19	0.281 620	9.947 522	4	397	
604	9.665 917	14	9.718 399	18	0.281 601	9.947 518	4	396	
605	9.665 931	15	9.718 417	19	0.281 583	9.947 514	4	395	
606	9.665 946	14	9.718 436	18	0.281 564	9.947 510	4	394	
607	9.665 960	15	9.718 454	19	0.281 546	9.947 506	4	393	
608	9.665 975	14	9.718 473	18	0.281 527	9.947 502	4	392	
609	9.665 989	15	9.718 491	19	0.281 509	9.947 498	4	391	
.610	9.666 004	14	9.718 510	18	0.281 490	9.947 494	4	**.390**	
611	9.666 018	15	9.718 528	19	0.281 472	9.947 490	4	389	
612	9.666 033	14	9.718 547	18	0.281 453	9.947 486	4	388	
613	9.666 047	15	9.718 565	19	0.281 435	9.947 482	4	387	
614	9.666 062	14	9.718 584	18	0.281 416	9.947 478	4	386	
615	9.666 076	14	9.718 602	18	0.281 398	9.947 474	4	385	
616	9.666 090	15	9.718 620	19	0.281 380	9.947 470	4	384	
617	9.666 105	14	9.718 639	18	0.281 361	9.947 466	4	383	
618	9.666 119	15	9.718 657	19	0.281 343	9.947 462	4	382	
619	9.666 134	14	9.718 676	18	0.281 324	9.947 458	4	381	
.620	9.666 148	15	9.718 694	19	0.281 306	9.947 454	4	**.380**	
621	9.666 163	14	9.718 713	18	0.281 287	9.947 450	4	379	
622	9.666 177	15	9.718 731	19	0.281 269	9.947 446	4	378	
623	9.666 192	14	9.718 750	18	0.281 250	9.947 442	4	377	
624	9.666 206	15	9.718 768	18	0.281 232	9.947 438	4	376	
625	9.666 221	14	9.718 786	19	0.281 214	9.947 434	4	375	
626	9.666 235	15	9.718 805	18	0.281 195	9.947 430	4	374	
627	9.666 250	14	9.718 823	19	0.281 177	9.947 426	4	373	
628	9.666 264	15	9.718 842	18	0.281 158	9.947 422	4	372	
629	9.666 279	14	9.718 860	19	0.281 140	9.947 419	3	371	
.630	9.666 293	15	9.718 879	18	0.281 121	9.947 415	4	**.370**	
631	9.666 308	14	9.718 897	19	0.281 103	9.947 411	4	369	
632	9.666 322	15	9.718 916	18	0.281 084	9.947 407	4	368	
633	9.666 337	14	9.718 934	19	0.281 066	9.947 403	4	367	
634	9.666 351	15	9.718 953	18	0.281 047	9.947 399	4	366	
635	9.666 366	14	9.718 971	18	0.281 029	9.947 395	4	365	
636	9.666 380	15	9.718 989	19	0.281 011	9.947 391	4	364	
637	9.666 395	14	9.719 008	18	0.280 992	9.947 387	4	363	
638	9.666 409	15	9.719 026	19	0.280 974	9.947 383	4	362	
639	9.666 424	14	9.719 045	18	0.280 955	9.947 379	4	361	
.640	9.666 438	15	9.719 063	19	0.280 937	9.947 375	4	**.360**	
641	9.666 453	14	9.719 082	18	0.280 918	9.947 371	4	359	
642	9.666 467	14	9.719 100	19	0.280 900	9.947 367	4	358	
643	9.666 481	15	9.719 119	18	0.280 881	9.947 363	4	357	
644	9.666 496	14	9.719 137	18	0.280 863	9.947 359	4	356	
645	9.666 510	15	9.719 155	19	0.280 845	9.947 355	4	355	
646	9.666 525	14	9.719 174	18	0.280 826	9.947 351	4	354	
647	9.666 539	15	9.719 192	19	0.280 808	9.947 347	4	353	
648	9.666 554	14	9.719 211	18	0.280 789	9.947 343	4	352	
649	9.666 568	15	9.719 229	19	0.280 771	9.947 339	4	351	
.650	9.666 583		9.719 248		0.280 752	9.947 335		**.350**	
	cos	d	cotg	d	tang	sin	d	**62°**	P.P.

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62°.400 — 62°.350

27°.650 — 27°.700

27°	sin	d	tang	d	cotg	cos	d		P.P.
.650	9.666 583	14	9.719 248	18	0.280 752	9.947 335	4	**.350**	
651	9.666 597	15	9.719 266	18	0.280 734	9.947 331	4	349	
652	9.666 612	14	9.719 284	19	0.280 716	9.947 327	4	348	
653	9.666 626	15	9.719 303	18	0.280 697	9.947 323	4	347	
654	9.666 641	14	9.719 321	19	0.280 679	9.947 319	4	346	
655	9.666 655	15	9.719 340	18	0.280 660	9.947 315	4	345	
656	9.666 670	14	9.719 358	19	0.280 642	9.947 311	4	344	
657	9.666 684	14	9.719 377	18	0.280 623	9.947 307	4	343	
658	9.666 698	15	9.719 395	19	0.280 605	9.947 303	4	342	
659	9.666 713	14	9.719 414	18	0.280 586	9.947 299	4	341	
.660	9.666 727	15	9.719 432	18	0.280 568	9.947 295	4	**.340**	
661	9.666 742	14	9.719 450	19	0.280 550	9.947 291	4	339	
662	9.666 756	15	9.719 469	18	0.280 531	9.947 287	4	338	
663	9.666 771	14	9.719 487	19	0.280 513	9.947 284	3	337	
664	9.666 785	15	9.719 506	18	0.280 494	9.947 280	4	336	
665	9.666 800	14	9.719 524	19	0.280 476	9.947 276	4	335	
666	9.666 814	15	9.719 543	18	0.280 457	9.947 272	4	334	
667	9.666 829	14	9.719 561	18	0.280 439	9.947 268	4	333	
668	9.666 843	15	9.719 579	19	0.280 421	9.947 264	4	332	
669	9.666 858	14	9.719 598	18	0.280 402	9.947 260	4	331	
.670	9.666 872	14	9.719 616	19	0.280 384	9.947 256	4	**.330**	
671	9.666 886	15	9.719 635	18	0.280 365	9.947 252	4	329	
672	9.666 901	14	9.719 653	19	0.280 347	9.947 248	4	328	
673	9.666 915	15	9.719 672	18	0.280 328	9.947 244	4	327	
674	9.666 930	14	9.719 690	18	0.280 310	9.947 240	4	326	
675	9.666 944	15	9.719 708	19	0.280 292	9.947 236	4	325	
676	9.666 959	14	9.719 727	18	0.280 273	9.947 232	4	324	
677	9.666 973	15	9.719 745	19	0.280 255	9.947 228	4	323	
678	9.666 988	14	9.719 764	18	0.280 236	9.947 224	4	322	
679	9.667 002	15	9.719 782	19	0.280 218	9.947 220	4	321	
.680	9.667 017	14	9.719 801	18	0.280 199	9.947 216	4	**.320**	
681	9.667 031	14	9.719 819	18	0.280 181	9.947 212	4	319	
682	9.667 045	15	9.719 837	19	0.280 163	9.947 208	4	318	
683	9.667 060	14	9.719 856	18	0.280 144	9.947 204	4	317	
684	9.667 074	15	9.719 874	19	0.280 126	9.947 200	4	316	
685	9.667 089	14	9.719 893	18	0.280 107	9.947 196	4	315	
686	9.667 103	15	9.719 911	19	0.280 089	9.947 192	4	314	
687	9.667 118	14	9.719 930	18	0.280 070	9.947 188	4	313	
688	9.667 132	15	9.719 948	18	0.280 052	9.947 184	4	312	
689	9.667 147	14	9.719 966	19	0.280 034	9.947 180	4	311	
.690	9.667 161	14	9.719 985	18	0.280 015	9.947 176	4	**.310**	
691	9.667 175	15	9.720 003	19	0.279 997	9.947 172	4	309	
692	9.667 190	14	9.720 022	18	0.279 978	9.947 168	4	308	
693	9.667 204	15	9.720 040	19	0.279 960	9.947 164	4	307	
694	9.667 219	14	9.720 059	18	0.279 941	9.947 160	4	306	
695	9.667 233	15	9.720 077	18	0.279 923	9.947 156	4	305	
696	9.667 248	14	9.720 095	19	0.279 905	9.947 152	4	304	
697	9.667 262	15	9.720 114	18	0.279 886	9.947 148	4	303	
698	9.667 277	14	9.720 132	19	0.279 868	9.947 144	4	302	
699	9.667 291	14	9.720 151	18	0.279 849	9.947 140	4	301	
.700	9.667 305		9.720 169		0.279 831	9.947 136		**.300**	
	cos	d	cotg	d	tang	sin	d	62°	P.P.

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62°.350 — 62°.300

27°.700 — 27°.750

27°	sin	d	tang	d	cotg	cos	d		P.P.
.700	9.667 305	15	9.720 169	18	0.279 831	9.947 136	4	**.300**	
701	9.667 320	14	9.720 187	19	0.279 813	9.947 132	4	299	
702	9.667 334	15	9.720 206	18	0.279 794	9.947 128	4	298	
703	9.667 349	14	9.720 224	19	0.279 776	9.947 124	4	297	
704	9.667 363	15	9.720 243	18	0.279 757	9.947 120	4	296	
705	9.667 378	14	9.720 261	19	0.279 739	9.947 116	3	295	
706	9.667 392	14	9.720 280	18	0.279 720	9.947 113	4	294	
707	9.667 406	15	9.720 298	18	0.279 702	9.947 109	4	293	
708	9.667 421	14	9.720 316	19	0.279 684	9.947 105	4	292	
709	9.667 435	15	9.720 335	18	0.279 665	9.947 101	4	291	
.710	9.667 450	14	9.720 353	19	0.279 647	9.947 097	4	**.290**	
711	9.667 464	15	9.720 372	18	0.279 628	9.947 093	4	289	
712	9.667 479	14	9.720 390	18	0.279 610	9.947 089	4	288	
713	9.667 493	14	9.720 408	19	0.279 592	9.947 085	4	287	
714	9.667 507	15	9.720 427	18	0.279 573	9.947 081	4	286	
715	9.667 522	14	9.720 445	19	0.279 555	9.947 077	4	285	
716	9.667 536	15	9.720 464	18	0.279 536	9.947 073	4	284	
717	9.667 551	14	9.720 482	18	0.279 518	9.947 069	4	283	
718	9.667 565	15	9.720 500	19	0.279 500	9.947 065	4	282	
719	9.667 580	14	9.720 519	18	0.279 481	9.947 061	4	281	
.720	9.667 594	14	9.720 537	19	0.279 463	9.947 057	4	**.280**	
721	9.667 608	15	9.720 556	18	0.279 444	9.947 053	4	279	
722	9.667 623	14	9.720 574	18	0.279 426	9.947 049	4	278	
723	9.667 637	15	9.720 592	19	0.279 408	9.947 045	4	277	
724	9.667 652	14	9.720 611	18	0.279 389	9.947 041	4	276	
725	9.667 666	15	9.720 629	19	0.279 371	9.947 037	4	275	
726	9.667 681	14	9.720 648	18	0.279 352	9.947 033	4	274	
727	9.667 695	14	9.720 666	19	0.279 334	9.947 029	4	273	
728	9.667 709	15	9.720 685	18	0.279 315	9.947 025	4	272	
729	9.667 724	14	9.720 703	18	0.279 297	9.947 021	4	271	
.730	9.667 738	15	9.720 721	19	0.279 279	9.947 017	4	**.270**	
731	9.667 753	14	9.720 740	18	0.279 260	9.947 013	4	269	
732	9.667 767	15	9.720 758	19	0.279 242	9.947 009	4	268	
733	9.667 782	14	9.720 777	18	0.279 223	9.947 005	4	267	
734	9.667 796	14	9.720 795	18	0.279 205	9.947 001	4	266	
735	9.667 810	15	9.720 813	19	0.279 187	9.946 997	4	265	
736	9.667 825	14	9.720 832	18	0.279 168	9.946 993	4	264	
737	9.667 839	15	9.720 850	19	0.279 150	9.946 989	4	263	
738	9.667 854	14	9.720 869	18	0.279 131	9.946 985	4	262	
739	9.667 868	14	9.720 887	18	0.279 113	9.946 981	4	261	
.740	9.667 882	15	9.720 905	19	0.279 095	9.946 977	4	**.260**	
741	9.667 897	14	9.720 924	18	0.279 076	9.946 973	4	259	
742	9.667 911	15	9.720 942	19	0.279 058	9.946 969	4	258	
743	9.667 926	14	9.720 961	18	0.279 039	9.946 965	4	257	
744	9.667 940	14	9.720 979	18	0.279 021	9.946 961	4	256	
745	9.667 954	15	9.720 997	19	0.279 003	9.946 957	4	255	
746	9.667 969	14	9.721 016	18	0.278 984	9.946 953	4	254	
747	9.667 983	15	9.721 034	19	0.278 966	9.946 949	4	253	
748	9.667 998	14	9.721 053	18	0.278 947	9.946 945	4	252	
749	9.668 012	15	9.721 071	18	0.278 929	9.946 941	4	251	
.750	9.668 027		9.721 089		0.278 911	9.946 937	4	**.250**	
	cos	d	cotg	d	tang	sin	d	**62°**	P.P.

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62°.300 — 62°.250

27°.750 — 27°.800

27°	sin	d	tang	d	cotg	cos	d		P.P.
.750	9.668 027	14	9.721 089	19	0.278 911	9.946 937	4	.250	
751	9.668 041	14	9.721 108	18	0.278 892	9.946 933	4	249	
752	9.668 055	15	9.721 126	18	0.278 874	9.946 929	4	248	
753	9.668 070	14	9.721 144	19	0.278 856	9.946 925	4	247	
754	9.668 084	15	9.721 163	18	0.278 837	9.946 921	4	246	
755	9.668 099	14	9.721 181	19	0.278 819	9.946 917	4	245	
756	9.668 113	14	9.721 200	18	0.278 800	9.946 913	4	244	
757	9.668 127	15	9.721 218	18	0.278 782	9.946 909	4	243	
758	9.668 142	14	9.721 236	19	0.278 764	9.946 905	4	242	
759	9.668 156	15	9.721 255	18	0.278 745	9.946 901	4	241	
.760	9.668 171	14	9.721 273	19	0.278 727	9.946 897	4	.240	
761	9.668 185	14	9.721 292	18	0.278 708	9.946 893	4	239	
762	9.668 199	15	9.721 310	18	0.278 690	9.946 889	4	238	
763	9.668 214	14	9.721 328	19	0.278 672	9.946 885	4	237	
764	9.668 228	15	9.721 347	18	0.278 653	9.946 881	4	236	
765	9.668 243	14	9.721 365	19	0.278 635	9.946 877	4	235	
766	9.668 257	14	9.721 384	18	0.278 616	9.946 873	4	234	
767	9.668 271	15	9.721 402	18	0.278 598	9.946 869	4	233	
768	9.668 286	14	9.721 420	19	0.278 580	9.946 865	4	232	
769	9.668 300	15	9.721 439	18	0.278 561	9.946 861	4	231	
.770	9.668 315	14	9.721 457	19	0.278 543	9.946 857	4	.230	
771	9.668 329	14	9.721 476	18	0.278 524	9.946 853	4	229	
772	9.668 343	15	9.721 494	18	0.278 506	9.946 849	4	228	
773	9.668 358	14	9.721 512	19	0.278 488	9.946 845	4	227	
774	9.668 372	14	9.721 531	18	0.278 469	9.946 841	4	226	
775	9.668 386	15	9.721 549	18	0.278 451	9.946 837	4	225	
776	9.668 401	14	9.721 567	19	0.278 433	9.946 833	4	224	
777	9.668 415	15	9.721 586	18	0.278 414	9.946 829	4	223	
778	9.668 430	14	9.721 604	19	0.278 396	9.946 825	4	222	
779	9.668 444	14	9.721 623	18	0.278 377	9.946 821	4	221	
.780	9.668 458	15	9.721 641	18	0.278 359	9.946 817	4	.220	
781	9.668 473	14	9.721 659	19	0.278 341	9.946 813	4	219	
782	9.668 487	15	9.721 678	18	0.278 322	9.946 810	3	218	
783	9.668 502	14	9.721 696	18	0.278 304	9.946 806	4	217	
784	9.668 516	14	9.721 714	19	0.278 286	9.946 802	4	216	
785	9.668 530	15	9.721 733	18	0.278 267	9.946 798	4	215	
786	9.668 545	14	9.721 751	19	0.278 249	9.946 794	4	214	
787	9.668 559	15	9.721 770	18	0.278 230	9.946 790	4	213	
788	9.668 574	14	9.721 788	18	0.278 212	9.946 786	4	212	
789	9.668 588	14	9.721 806	19	0.278 194	9.946 782	4	211	
.790	9.668 602	15	9.721 825	18	0.278 175	9.946 778	4	.210	
791	9.668 617	14	9.721 843	19	0.278 157	9.946 774	4	209	
792	9.668 631	14	9.721 862	18	0.278 138	9.946 770	4	208	
793	9.668 645	15	9.721 880	18	0.278 120	9.946 766	4	207	
794	9.668 660	14	9.721 898	19	0.278 102	9.946 762	4	206	
795	9.668 674	15	9.721 917	18	0.278 083	9.946 758	4	205	
796	9.668 689	14	9.721 935	18	0.278 065	9.946 754	4	204	
797	9.668 703	14	9.721 953	19	0.278 047	9.946 750	4	203	
798	9.668 717	15	9.721 972	18	0.278 028	9.946 746	4	202	
799	9.668 732	14	9.721 990	19	0.278 010	9.946 742	4	201	
.800	9.668 746		9.722 009		0.277 991	9.946 738		.200	
	cos	d	cotg	d	tang	sin	d	62°	P.P.

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62°.250 — 62°.200

27°.800 — 27°.850

27°	sin	d	tang	d	cotg	cos	d		P.P.
.800	9.668 746	14	9.722 009	18	0.277 991	9.946 738	4	**.200**	
801	9.668 760	15	9.722 027	18	0.277 973	9.946 734	4	199	
802	9.668 775	14	9.722 045	19	0.277 955	9.946 730	4	198	
803	9.668 789	15	9.722 064	18	0.277 936	9.946 726	4	197	
804	9.668 804	14	9.722 082	18	0.277 918	9.946 722	4	196	
805	9.668 818	14	9.722 100	19	0.277 900	9.946 718	4	195	
806	9.668 832	15	9.722 119	18	0.277 881	9.946 714	4	194	
807	9.668 847	14	9.722 137	18	0.277 863	9.946 710	4	193	
808	9.668 861	14	9.722 155	19	0.277 845	9.946 706	4	192	
809	9.668 875	15	9.722 174	18	0.277 826	9.946 702	4	191	
.810	9.668 890	14	9.722 192	19	0.277 808	9.946 698	4	**.190**	
811	9.668 904	15	9.722 211	18	0.277 789	9.946 694	4	189	
812	9.668 919	14	9.722 229	18	0.277 771	9.946 690	4	188	
813	9.668 933	14	9.722 247	19	0.277 753	9.946 686	4	187	
814	9.668 947	15	9.722 266	18	0.277 734	9.946 682	4	186	
815	9.668 962	14	9.722 284	18	0.277 716	9.946 678	4	185	
816	9.668 976	14	9.722 302	19	0.277 698	9.946 674	4	184	
817	9.668 990	15	9.722 321	18	0.277 679	9.946 670	4	183	
818	9.669 005	14	9.722 339	19	0.277 661	9.946 666	4	182	
819	9.669 019	15	9.722 358	18	0.277 642	9.946 662	4	181	
.820	9.669 034	14	9.722 376	18	0.277 624	9.946 658	4	**.180**	
821	9.669 048	14	9.722 394	19	0.277 606	9.946 654	4	179	
822	9.669 062	15	9.722 413	18	0.277 587	9.946 650	4	178	
823	9.669 077	14	9.722 431	18	0.277 569	9.946 646	4	177	
824	9.669 091	14	9.722 449	19	0.277 551	9.946 642	4	176	
825	9.669 105	15	9.722 468	18	0.277 532	9.946 638	4	175	
826	9.669 120	14	9.722 486	18	0.277 514	9.946 634	4	174	
827	9.669 134	14	9.722 504	19	0.277 496	9.946 630	4	173	
828	9.669 148	15	9.722 523	18	0.277 477	9.946 626	4	172	
829	9.669 163	14	9.722 541	18	0.277 459	9.946 622	4	171	
.830	9.669 177	14	9.722 559	19	0.277 441	9.946 618	4	**.170**	
831	9.669 191	15	9.722 578	18	0.277 422	9.946 614	4	169	
832	9.669 206	14	9.722 596	19	0.277 404	9.946 610	4	168	
833	9.669 220	15	9.722 615	18	0.277 385	9.946 606	4	167	
834	9.669 235	14	9.722 633	18	0.277 367	9.946 602	4	166	
835	9.669 249	14	9.722 651	19	0.277 349	9.946 598	4	165	
836	9.669 263	15	9.722 670	18	0.277 330	9.946 594	4	164	
837	9.669 278	14	9.722 688	18	0.277 312	9.946 590	4	163	
838	9.669 292	14	9.722 706	19	0.277 294	9.946 586	4	162	
839	9.669 306	15	9.722 725	18	0.277 275	9.946 582	4	161	
.840	9.669 321	14	9.722 743	18	0.277 257	9.946 578	4	**.160**	
841	9.669 335	14	9.722 761	19	0.277 239	9.946 574	4	159	
842	9.669 349	15	9.722 780	18	0.277 220	9.946 570	4	158	
843	9.669 364	14	9.722 798	18	0.277 202	9.946 566	4	157	
844	9.669 378	14	9.722 816	19	0.277 184	9.946 562	4	156	
845	9.669 392	15	9.722 835	18	0.277 165	9.946 558	4	155	
846	9.669 407	14	9.722 853	19	0.277 147	9.946 554	4	154	
847	9.669 421	14	9.722 872	18	0.277 128	9.946 550	4	153	
848	9.669 435	15	9.722 890	18	0.277 110	9.946 546	4	152	
849	9.669 450	14	9.722 908	19	0.277 092	9.946 542	4	151	
.850	9.669 464		9.722 927		0.277 073	9.946 538		**.150**	
	cos	d	cotg	d	tang	sin	d	**62°**	P.P.

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62°.200 — 62°.150

27°.850 — 27°.900

27°	sin	d	tang	d	cotg	cos	d		P.P.
.850	9.669 464	15	9.722 927	18	0.277 073	9.946 538	4	.150	
851	9.669 479	14	9.722 945	18	0.277 055	9.946 534	4	149	
852	9.669 493	14	9.722 963	19	0.277 037	9.946 530	4	148	
853	9.669 507	15	9.722 982	18	0.277 018	9.946 526	4	147	
854	9.669 522	14	9.723 000	18	0.277 000	9.946 522	4	146	
855	9.669 536	14	9.723 018	19	0.276 982	9.946 518	4	145	
856	9.669 550	15	9.723 037	18	0.276 963	9.946 514	4	144	
857	9.669 565	14	9.723 055	18	0.276 945	9.946 510	4	143	
858	9.669 579	14	9.723 073	19	0.276 927	9.946 506	4	142	
859	9.669 593	15	9.723 092	18	0.276 908	9.946 502	4	141	
.860	9.669 608	14	9.723 110	18	0.276 890	9.946 498	5	.140	
861	9.669 622	14	9.723 128	19	0.276 872	9.946 493	4	139	
862	9.669 636	15	9.723 147	18	0.276 853	9.946 489	4	138	
863	9.669 651	14	9.723 165	18	0.276 835	9.946 485	4	137	
864	9.669 665	14	9.723 183	19	0.276 817	9.946 481	4	136	
865	9.669 679	15	9.723 202	18	0.276 798	9.946 477	4	135	
866	9.669 694	14	9.723 220	19	0.276 780	9.946 473	4	134	
867	9.669 708	14	9.723 239	18	0.276 761	9.946 469	4	133	
868	9.669 722	15	9.723 257	18	0.276 743	9.946 465	4	132	
869	9.669 737	14	9.723 275	19	0.276 725	9.946 461	4	131	
.870	9.669 751	14	9.723 294	18	0.276 706	9.946 457	4	.130	
871	9.669 765	15	9.723 312	18	0.276 688	9.946 453	4	129	
872	9.669 780	14	9.723 330	19	0.276 670	9.946 449	4	128	
873	9.669 794	14	9.723 349	18	0.276 651	9.946 445	4	127	
874	9.669 808	15	9.723 367	18	0.276 633	9.946 441	4	126	
875	9.669 823	14	9.723 385	19	0.276 615	9.946 437	4	125	
876	9.669 837	14	9.723 404	18	0.276 596	9.946 433	4	124	
877	9.669 851	15	9.723 422	18	0.276 578	9.946 429	4	123	
878	9.669 866	14	9.723 440	19	0.276 560	9.946 425	4	122	
879	9.669 880	14	9.723 459	18	0.276 541	9.946 421	4	121	
.880	9.669 894	15	9.723 477	18	0.276 523	9.946 417	4	.120	
881	9.669 909	14	9.723 495	19	0.276 505	9.946 413	4	119	
882	9.669 923	14	9.723 514	18	0.276 486	9.946 409	4	118	
883	9.669 937	15	9.723 532	18	0.276 468	9.946 405	4	117	
884	9.669 952	14	9.723 550	19	0.276 450	9.946 401	4	116	
885	9.669 966	14	9.723 569	18	0.276 431	9.946 397	4	115	
886	9.669 980	15	9.723 587	18	0.276 413	9.946 393	4	114	
887	9.669 995	14	9.723 605	19	0.276 395	9.946 389	4	113	
888	9.670 009	14	9.723 624	18	0.276 376	9.946 385	4	112	
889	9.670 023	15	9.723 642	18	0.276 358	9.946 381	4	111	
.890	9.670 038	14	9.723 660	19	0.276 340	9.946 377	4	.110	
891	9.670 052	14	9.723 679	18	0.276 321	9.946 373	4	109	
892	9.670 066	14	9.723 697	18	0.276 303	9.946 369	4	108	
893	9.670 080	15	9.723 715	19	0.276 285	9.946 365	4	107	
894	9.670 095	14	9.723 734	18	0.276 266	9.946 361	4	106	
895	9.670 109	14	9.723 752	18	0.276 248	9.946 357	4	105	
896	9.670 123	15	9.723 770	19	0.276 230	9.946 353	4	104	
897	9.670 138	14	9.723 789	18	0.276 211	9.946 349	4	103	
898	9.670 152	14	9.723 807	18	0.276 193	9.946 345	4	102	
899	9.670 166	15	9.723 825	19	0.276 175	9.946 341	4	101	
.900	9.670 181		9.723 844		0.276 156	9.946 337		.100	
	cos	d	cotg	d	tang	sin	d	62°	P.P.

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62°.150 — 62°.100

27°.900 — 27°.950

27°	sin	d	tang	d	cotg	cos	d		P.P.
.900	9.670 181	14	9.723 844	18	0.276 156	9.946 337	4	**.100**	
901	9.670 195	14	9.723 862	18	0.276 138	9.946 333	4	099	
902	9.670 209	15	9.723 880	19	0.276 120	9.946 329	4	098	
903	9.670 224	14	9.723 899	18	0.276 101	9.946 325	4	097	
904	9.670 238	14	9.723 917	18	0.276 083	9.946 321	4	096	
905	9.670 252	15	9.723 935	19	0.276 065	9.946 317	4	095	
906	9.670 267	14	9.723 954	18	0.276 046	9.946 313	4	094	
907	9.670 281	14	9.723 972	18	0.276 028	9.946 309	4	093	
908	9.670 295	15	9.723 990	19	0.276 010	9.946 305	4	092	
909	9.670 310	14	9.724 009	18	0.275 991	9.946 301	4	091	
.910	9.670 324	14	9.724 027	18	0.275 973	9.946 297	4	**.090**	
911	9.670 338	14	9.724 045	19	0.275 955	9.946 293	4	089	
912	9.670 352	15	9.724 064	18	0.275 936	9.946 289	4	088	
913	9.670 367	14	9.724 082	18	0.275 918	9.946 285	4	087	
914	9.670 381	14	9.724 100	18	0.275 900	9.946 281	4	086	
915	9.670 395	15	9.724 118	19	0.275 882	9.946 277	4	085	
916	9.670 410	14	9.724 137	18	0.275 863	9.946 273	4	084	
917	9.670 424	14	9.724 155	18	0.275 845	9.946 269	4	083	
918	9.670 438	15	9.724 173	19	0.275 827	9.946 265	4	082	
919	9.670 453	14	9.724 192	18	0.275 808	9.946 261	4	081	
.920	9.670 467	14	9.724 210	18	0.275 790	9.946 257	4	**.080**	
921	9.670 481	15	9.724 228	19	0.275 772	9.946 253	4	079	
922	9.670 496	14	9.724 247	18	0.275 753	9.946 249	4	078	
923	9.670 510	14	9.724 265	18	0.275 735	9.946 245	4	077	
924	9.670 524	14	9.724 283	19	0.275 717	9.946 241	4	076	
925	9.670 538	15	9.724 302	18	0.275 698	9.946 237	4	075	
926	9.670 553	14	9.724 320	18	0.275 680	9.946 233	4	074	
927	9.670 567	14	9.724 338	19	0.275 662	9.946 229	4	073	
928	9.670 581	15	9.724 357	18	0.275 643	9.946 225	4	072	
929	9.670 596	14	9.724 375	18	0.275 625	9.946 221	4	071	
.930	9.670 610	14	9.724 393	19	0.275 607	9.946 217	4	**.070**	
931	9.670 624	15	9.724 412	18	0.275 588	9.946 213	4	069	
932	9.670 639	14	9.724 430	18	0.275 570	9.946 209	4	068	
933	9.670 653	14	9.724 448	19	0.275 552	9.946 205	4	067	
934	9.670 667	14	9.724 467	18	0.275 533	9.946 201	4	066	
935	9.670 681	15	9.724 485	18	0.275 515	9.946 197	4	065	
936	9.670 696	14	9.724 503	18	0.275 497	9.946 193	4	064	
937	9.670 710	14	9.724 521	19	0.275 479	9.946 188	5	063	
938	9.670 724	15	9.724 540	18	0.275 460	9.946 184	4	062	
939	9.670 739	14	9.724 558	18	0.275 442	9.946 180	4	061	
.940	9.670 753	14	9.724 576	19	0.275 424	9.946 176	4	**.060**	
941	9.670 767	14	9.724 595	18	0.275 405	9.946 172	4	059	
942	9.670 781	15	9.724 613	18	0.275 387	9.946 168	4	058	
943	9.670 796	14	9.724 631	19	0.275 369	9.946 164	4	057	
944	9.670 810	14	9.724 650	18	0.275 350	9.946 160	4	056	
945	9.670 824	15	9.724 668	18	0.275 332	9.946 156	4	055	
946	9.670 839	14	9.724 686	19	0.275 314	9.946 152	4	054	
947	9.670 853	14	9.724 705	18	0.275 295	9.946 148	4	053	
948	9.670 867	14	9.724 723	18	0.275 277	9.946 144	4	052	
949	9.670 881	15	9.724 741	19	0.275 259	9.946 140	4	051	
.950	9.670 896		9.724 760		0.275 240	9.946 136		**.050**	
	cos	d	cotg	d	tang	sin	d	**62°**	P.P.

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62°.100 — 62°.050

27°.950 — 28°.000

27°	sin	d	tang	d	cotg	cos	d		P.P.
.950	9.670 896	14	9.724 760	18	0.275 240	9.946 136	4	.050	
951	9.670 910	14	9.724 778	18	0.275 222	9.946 132	4	049	
952	9.670 924	15	9.724 796	18	0.275 204	9.946 128	4	048	
953	9.670 939	14	9.724 814	19	0.275 186	9.946 124	4	047	
954	9.670 953	14	9.724 833	18	0.275 167	9.946 120	4	046	
955	9.670 967	14	9.724 851	18	0.275 149	9.946 116	4	045	
956	9.670 981	15	9.724 869	19	0.275 131	9.946 112	4	044	
957	9.670 996	14	9.724 888	18	0.275 112	9.946 108	4	043	
958	9.671 010	14	9.724 906	18	0.275 094	9.946 104	4	042	
959	9.671 024	15	9.724 924	19	0.275 076	9.946 100	4	041	
.960	9.671 039	14	9.724 943	18	0.275 057	9.946 096	4	.040	
961	9.671 053	14	9.724 961	18	0.275 039	9.946 092	4	039	
962	9.671 067	14	9.724 979	18	0.275 021	9.946 088	4	038	
963	9.671 081	15	9.724 997	19	0.275 003	9.946 084	4	037	
964	9.671 096	14	9.725 016	18	0.274 984	9.946 080	4	036	
965	9.671 110	14	9.725 034	18	0.274 966	9.946 076	4	035	
966	9.671 124	15	9.725 052	19	0.274 948	9.946 072	4	034	
967	9.671 139	14	9.725 071	18	0.274 929	9.946 068	4	033	
968	9.671 153	14	9.725 089	18	0.274 911	9.946 064	4	032	
969	9.671 167	14	9.725 107	19	0.274 893	9.946 060	4	031	
.970	9.671 181	15	9.725 126	18	0.274 874	9.946 056	4	.030	
971	9.671 196	14	9.725 144	18	0.274 856	9.946 052	4	029	
972	9.671 210	14	9.725 162	18	0.274 838	9.946 048	4	028	
973	9.671 224	14	9.725 180	19	0.274 820	9.946 044	4	027	
974	9.671 238	15	9.725 199	18	0.274 801	9.946 040	4	026	
975	9.671 253	14	9.725 217	18	0.274 783	9.946 036	4	025	
976	9.671 267	14	9.725 235	19	0.274 765	9.946 032	4	024	
977	9.671 281	15	9.725 254	18	0.274 746	9.946 028	4	023	
978	9.671 296	14	9.725 272	18	0.274 728	9.946 024	4	022	
979	9.671 310	14	9.725 290	19	0.274 710	9.946 020	4	021	
.980	9.671 324	14	9.725 309	18	0.274 691	9.946 015	5	.020	
981	9.671 338	15	9.725 327	18	0.274 673	9.946 011	4	019	
982	9.671 353	14	9.725 345	18	0.274 655	9.946 007	4	018	
983	9.671 367	14	9.725 363	19	0.274 637	9.946 003	4	017	
984	9.671 381	14	9.725 382	18	0.274 618	9.945 999	4	016	
985	9.671 395	15	9.725 400	18	0.274 600	9.945 995	4	015	
986	9.671 410	14	9.725 418	19	0.274 582	9.945 991	4	014	
987	9.671 424	14	9.725 437	18	0.274 563	9.945 987	4	013	
988	9.671 438	14	9.725 455	18	0.274 545	9.945 983	4	012	
989	9.671 452	15	9.725 473	18	0.274 527	9.945 979	4	011	
.990	9.671 467	14	9.725 491	19	0.274 509	9.945 975	4	.010	
991	9.671 481	14	9.725 510	18	0.274 490	9.945 971	4	009	
992	9.671 495	14	9.725 528	18	0.274 472	9.945 967	4	008	
993	9.671 509	15	9.725 546	19	0.274 454	9.945 963	4	007	
994	9.671 524	14	9.725 565	18	0.274 435	9.945 959	4	006	
995	9.671 538	14	9.725 583	18	0.274 417	9.945 955	4	005	
996	9.671 552	15	9.725 601	19	0.274 399	9.945 951	4	004	
997	9.671 567	14	9.725 620	18	0.274 380	9.945 947	4	003	
998	9.671 581	14	9.725 638	18	0.274 362	9.945 943	4	002	
999	9.671 595	14	9.725 656	18	0.274 344	9.945 939	4	001	
*.000	9.671 609		9.725 674		0.274 326	9.945 935		.000	
	cos	d	cotg	d	tang	sin	d	62°	P.P.

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62°.050 — 62°.000

28°.000 — 28°.050

28°	sin	d	tang	d	cotg	cos	d		P.P.
.000	9.671 609	15	9.725 674	19	0.274 326	9.945 935	4	***000**	
001	9.671 624	14	9.725 693	18	0.274 307	9.945 931	4	999	
002	9.671 638	14	9.725 711	18	0.274 289	9.945 927	4	998	
003	9.671 652	14	9.725 729	19	0.274 271	9.945 923	4	997	
004	9.671 666	15	9.725 748	18	0.274 252	9.945 919	4	996	
005	9.671 681	14	9.725 766	18	0.274 234	9.945 915	4	995	
006	9.671 695	14	9.725 784	18	0.274 216	9.945 911	4	994	
007	9.671 709	14	9.725 802	19	0.274 198	9.945 907	4	993	
008	9.671 723	15	9.725 821	18	0.274 179	9.945 903	4	992	
009	9.671 738	14	9.725 839	18	0.274 161	9.945 899	4	991	
.010	9.671 752	14	9.725 857	18	0.274 143	9.945 895	4	**.990**	
011	9.671 766	14	9.725 875	19	0.274 125	9.945 891	4	989	
012	9.671 780	15	9.725 894	18	0.274 106	9.945 887	4	988	
013	9.671 795	14	9.725 912	18	0.274 088	9.945 883	5	987	
014	9.671 809	14	9.725 930	19	0.274 070	9.945 878	4	986	
015	9.671 823	14	9.725 949	18	0.274 051	9.945 874	4	985	
016	9.671 837	15	9.725 967	18	0.274 033	9.945 870	4	984	
017	9.671 852	14	9.725 985	18	0.274 015	9.945 866	4	983	
018	9.671 866	14	9.726 003	19	0.273 997	9.945 862	4	982	
019	9.671 880	14	9.726 022	18	0.273 978	9.945 858	4	981	
.020	9.671 894	15	9.726 040	18	0.273 960	9.945 854	4	**.980**	
021	9.671 909	14	9.726 058	19	0.273 942	9.945 850	4	979	
022	9.671 923	14	9.726 077	18	0.273 923	9.945 846	4	978	
023	9.671 937	14	9.726 095	18	0.273 905	9.945 842	4	977	
024	9.671 951	14	9.726 113	18	0.273 887	9.945 838	4	976	
025	9.671 965	15	9.726 131	19	0.273 869	9.945 834	4	975	
026	9.671 980	14	9.726 150	18	0.273 850	9.945 830	4	974	
027	9.671 994	14	9.726 168	18	0.273 832	9.945 826	4	973	
028	9.672 008	14	9.726 186	18	0.273 814	9.945 822	4	972	
029	9.672 022	15	9.726 204	19	0.273 796	9.945 818	4	971	
.030	9.672 037	14	9.726 223	18	0.273 777	9.945 814	4	**.970**	
031	9.672 051	14	9.726 241	18	0.273 759	9.945 810	4	969	
032	9.672 065	14	9.726 259	19	0.273 741	9.945 806	4	968	
033	9.672 079	15	9.726 278	18	0.273 722	9.945 802	4	967	
034	9.672 094	14	9.726 296	18	0.273 704	9.945 798	4	966	
035	9.672 108	14	9.726 314	18	0.273 686	9.945 794	4	965	
036	9.672 122	14	9.726 332	19	0.273 668	9.945 790	4	964	
037	9.672 136	15	9.726 351	18	0.273 649	9.945 786	4	963	
038	9.672 151	14	9.726 369	18	0.273 631	9.945 782	4	962	
039	9.672 165	14	9.726 387	18	0.273 613	9.945 778	4	961	
.040	9.672 179	14	9.726 405	19	0.273 595	9.945 774	4	**.960**	
041	9.672 193	14	9.726 424	18	0.273 576	9.945 770	4	959	
042	9.672 207	15	9.726 442	18	0.273 558	9.945 766	5	958	
043	9.672 222	14	9.726 460	19	0.273 540	9.945 761	4	957	
044	9.672 236	14	9.726 479	18	0.273 521	9.945 757	4	956	
045	9.672 250	14	9.726 497	18	0.273 503	9.945 753	4	955	
046	9.672 264	15	9.726 515	18	0.273 485	9.945 749	4	954	
047	9.672 279	14	9.726 533	19	0.273 467	9.945 745	4	953	
048	9.672 293	14	9.726 552	18	0.273 448	9.945 741	4	952	
049	9.672 307	14	9.726 570	18	0.273 430	9.945 737	4	951	
.050	9.672 321		9.726 588		0.273 412	9.945 733		**.950**	
	cos	d	cotg	d	tang	sin	d	**61°**	P.P.

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5	7.5
6	9.0
7	10.5
8	12.0
9	13.5

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62°.000 — 61°.950

28°.050 — 28°.100

28°	sin	d	tang	d	cotg	cos	d		P.P.
.050	9.672 321	15	9.726 588	18	0.273 412	9.945 733	4	**.950**	
051	9.672 336	14	9.726 606	19	0.273 394	9.945 729	4	949	
052	9.672 350	14	9.726 625	18	0.273 375	9.945 725	4	948	
053	9.672 364	14	9.726 643	18	0.273 357	9.945 721	4	947	
054	9.672 378	14	9.726 661	18	0.273 339	9.945 717	4	946	
055	9.672 392	15	9.726 679	19	0.273 321	9.945 713	4	945	
056	9.672 407	14	9.726 698	18	0.273 302	9.945 709	4	944	
057	9.672 421	14	9.726 716	18	0.273 284	9.945 705	4	943	
058	9.672 435	14	9.726 734	18	0.273 266	9.945 701	4	942	
059	9.672 449	15	9.726 752	19	0.273 248	9.945 697	4	941	
.060	9.672 464	14	9.726 771	18	0.273 229	9.945 693	4	**.940**	
061	9.672 478	14	9.726 789	18	0.273 211	9.945 689	4	939	
062	9.672 492	14	9.726 807	19	0.273 193	9.945 685	4	938	
063	9.672 506	14	9.726 826	18	0.273 174	9.945 681	4	937	
064	9.672 520	15	9.726 844	18	0.273 156	9.945 677	4	936	
065	9.672 535	14	9.726 862	18	0.273 138	9.945 673	4	935	
066	9.672 549	14	9.726 880	19	0.273 120	9.945 669	4	934	
067	9.672 563	14	9.726 899	18	0.273 101	9.945 665	5	933	
068	9.672 577	15	9.726 917	18	0.273 083	9.945 660	4	932	
069	9.672 592	14	9.726 935	18	0.273 065	9.945 656	4	931	
.070	9.672 606	14	9.726 953	19	0.273 047	9.945 652	4	**.930**	
071	9.672 620	14	9.726 972	18	0.273 028	9.945 648	4	929	
072	9.672 634	14	9.726 990	18	0.273 010	9.945 644	4	928	
073	9.672 648	15	9.727 008	18	0.272 992	9.945 640	4	927	
074	9.672 663	14	9.727 026	19	0.272 974	9.945 636	4	926	
075	9.672 677	14	9.727 045	18	0.272 955	9.945 632	4	925	
076	9.672 691	14	9.727 063	18	0.272 937	9.945 628	4	924	
077	9.672 705	14	9.727 081	18	0.272 919	9.945 624	4	923	
078	9.672 719	15	9.727 099	19	0.272 901	9.945 620	4	922	
079	9.672 734	14	9.727 118	18	0.272 882	9.945 616	4	921	
.080	9.672 748	14	9.727 136	18	0.272 864	9.945 612	4	**.920**	
081	9.672 762	14	9.727 154	18	0.272 846	9.945 608	4	919	
082	9.672 776	14	9.727 172	19	0.272 828	9.945 604	4	918	
083	9.672 790	15	9.727 191	18	0.272 809	9.945 600	4	917	
084	9.672 805	14	9.727 209	18	0.272 791	9.945 596	4	916	
085	9.672 819	14	9.727 227	18	0.272 773	9.945 592	4	915	
086	9.672 833	14	9.727 245	19	0.272 755	9.945 588	4	914	
087	9.672 847	14	9.727 264	18	0.272 736	9.945 584	4	913	
088	9.672 861	15	9.727 282	18	0.272 718	9.945 580	4	912	
089	9.672 876	14	9.727 300	18	0.272 700	9.945 576	4	911	
.090	9.672 890	14	9.727 318	19	0.272 682	9.945 572	5	**.910**	
091	9.672 904	14	9.727 337	18	0.272 663	9.945 567	4	909	
092	9.672 918	14	9.727 355	18	0.272 645	9.945 563	4	908	
093	9.672 932	15	9.727 373	18	0.272 627	9.945 559	4	907	
094	9.672 947	14	9.727 391	19	0.272 609	9.945 555	4	906	
095	9.672 961	14	9.727 410	18	0.272 590	9.945 551	4	905	
096	9.672 975	14	9.727 428	18	0.272 572	9.945 547	4	904	
097	9.672 989	14	9.727 446	18	0.272 554	9.945 543	4	903	
098	9.673 003	15	9.727 464	19	0.272 536	9.945 539	4	902	
099	9.673 018	14	9.727 483	18	0.272 517	9.945 535	4	901	
.100	9.673 032		9.727 501		0.272 499	9.945 531		**.900**	
	cos	d	cotg	d	tang	sin	d	**61°**	P.P.

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61°.950 — 61°.900

28°.100 — 28°.150

28°	sin	d	tang	d	cotg	cos	d		P.P.
.100	9.673 032		9.727 501		0.272 499	9.945 531		.900	
		14		18			4		
101	9.673 046		9.727 519		0.272 481	9.945 527		899	
		14		18			4		
102	9.673 060		9.727 537		0.272 463	9.945 523		898	
		14		19			4		
103	9.673 074		9.727 556		0.272 444	9.945 519		897	
		15		18			4		
104	9.673 089		9.727 574		0.272 426	9.945 515		896	
		14		18			4		
105	9.673 103		9.727 592		0.272 408	9.945 511		895	
		14		18			4		
106	9.673 117		9.727 610		0.272 390	9.945 507		894	
		14		19			4		
107	9.673 131		9.727 629		0.272 371	9.945 503		893	
		14		18			4		
108	9.673 145		9.727 647		0.272 353	9.945 499		892	
		15		18			4		
109	9.673 160		9.727 665		0.272 335	9.945 495		891	
		14		18			4		
.110	9.673 174		9.727 683		0.272 317	9.945 491		.890	
		14		18			4		
111	9.673 188		9.727 701		0.272 299	9.945 487		889	
		14		19			5		
112	9.673 202		9.727 720		0.272 280	9.945 482		888	
		14		18			4		
113	9.673 216		9.727 738		0.272 262	9.945 478		887	
		15		18			4		
114	9.673 231		9.727 756		0.272 244	9.945 474		886	
		14		18			4		
115	9.673 245		9.727 774		0.272 226	9.945 470		885	
		14		19			4		
116	9.673 259		9.727 793		0.272 207	9.945 466		884	
		14		18			4		
117	9.673 273		9.727 811		0.272 189	9.945 462		883	
		14		18			4		
118	9.673 287		9.727 829		0.272 171	9.945 458		882	
		14		18			4		
119	9.673 301		9.727 847		0.272 153	9.945 454		881	
		15		19			4		
.120	9.673 316		9.727 866		0.272 134	9.945 450		.880	
		14		18			4		
121	9.673 330		9.727 884		0.272 116	9.945 446		879	
		14		18			4		
122	9.673 344		9.727 902		0.272 098	9.945 442		878	
		14		18			4		
123	9.673 358		9.727 920		0.272 080	9.945 438		877	
		14		19			4		
124	9.673 372		9.727 939		0.272 061	9.945 434		876	
		15		18			4		
125	9.673 387		9.727 957		0.272 043	9.945 430		875	
		14		18			4		
126	9.673 401		9.727 975		0.272 025	9.945 426		874	
		14		18			4		
127	9.673 415		9.727 993		0.272 007	9.945 422		873	
		14		18			4		
128	9.673 429		9.728 011		0.271 989	9.945 418		872	
		14		19			4		
129	9.673 443		9.728 030		0.271 970	9.945 414		871	
		14		18			4		
.130	9.673 457		9.728 048		0.271 952	9.945 410		.870	
		15		18			4		
131	9.673 472		9.728 066		0.271 934	9.945 406		869	
		14		18			5		
132	9.673 486		9.728 084		0.271 916	9.945 401		868	
		14		19			4		
133	9.673 500		9.728 103		0.271 897	9.945 397		867	
		14		18			4		
134	9.673 514		9.728 121		0.271 879	9.945 393		866	
		14		18			4		
135	9.673 528		9.728 139		0.271 861	9.945 389		865	
		15		18			4		
136	9.673 543		9.728 157		0.271 843	9.945 385		864	
		14		19			4		
137	9.673 557		9.728 176		0.271 824	9.945 381		863	
		14		18			4		
138	9.673 571		9.728 194		0.271 806	9.945 377		862	
		14		18			4		
139	9.673 585		9.728 212		0.271 788	9.945 373		861	
		14		18			4		
.140	9.673 599		9.728 230		0.271 770	9.945 369		.860	
		14		18			4		
141	9.673 613		9.728 248		0.271 752	9.945 365		859	
		15		19			4		
142	9.673 628		9.728 267		0.271 733	9.945 361		858	
		14		18			4		
143	9.673 642		9.728 285		0.271 715	9.945 357		857	
		14		18			4		
144	9.673 656		9.728 303		0.271 697	9.945 353		856	
		14		18			4		
145	9.673 670		9.728 321		0.271 679	9.945 349		855	
		14		19			4		
146	9.673 684		9.728 340		0.271 660	9.945 345		854	
		14		18			4		
147	9.673 698		9.728 358		0.271 642	9.945 341		853	
		15		18			4		
148	9.673 713		9.728 376		0.271 624	9.945 337		852	
		14		18			4		
149	9.673 727		9.728 394		0.271 606	9.945 333		851	
		14		18			5		
.150	9.673 741		9.728 412		0.271 588	9.945 328		.850	
	cos	d	cotg	d	tang	sin	d	61°	P.P.

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9	12.6

61°.900 — 61°.850

28°.150 — 28°.200

28°	sin	d	tang	d	cotg	cos	d		P.P.
.150	9.673 741	14	9.728 412	19	0.271 588	9.945 328	4	.850	
151	9.673 755	14	9.728 431	18	0.271 569	9.945 324	4	849	
152	9.673 769	14	9.728 449	18	0.271 551	9.945 320	4	848	
153	9.673 783	15	9.728 467	18	0.271 533	9.945 316	4	847	
154	9.673 798	14	9.728 485	19	0.271 515	9.945 312	4	846	
155	9.673 812	14	9.728 504	18	0.271 496	9.945 308	4	845	
156	9.673 826	14	9.728 522	18	0.271 478	9.945 304	4	844	
157	9.673 840	14	9.728 540	18	0.271 460	9.945 300	4	843	
158	9.673 854	14	9.728 558	18	0.271 442	9.945 296	4	842	
159	9.673 868	14	9.728 576	19	0.271 405	9.945 288	4	841	
.160	9.673 883	15	9.728 595	18	0.271 387	9.945 284	4	.840	
161	9.673 897	14	9.728 613	18	0.271 369	9.945 280	4	839	
162	9.673 911	14	9.728 631	18	0.271 351	9.945 276	4	838	
163	9.673 925	14	9.728 649	19	0.271 332	9.945 272	4	837	
164	9.673 939	14	9.728 668	18	0.271 314	9.945 268	4	836	
165	9.673 953	14	9.728 686	18	0.271 296	9.945 264	4	835	
166	9.673 967	14	9.728 704	18	0.271 278	9.945 260	4	834	
167	9.673 982	15	9.728 722	18	0.271 260	9.945 255	5	833	
168	9.673 996	14	9.728 740	19	0.271 241	9.945 251	4	832	
169	9.674 010	14	9.728 759	18	0.271 223	9.945 247	4	831	
.170	9.674 024	14	9.728 777	18	0.271 205	9.945 243	4	.830	
171	9.674 038	14	9.728 795	18	0.271 187	9.945 239	4	829	
172	9.674 052	14	9.728 813	18	0.271 169	9.945 235	4	828	
173	9.674 067	15	9.728 831	19	0.271 150	9.945 231	4	827	
174	9.674 081	14	9.728 850	18	0.271 132	9.945 227	4	826	
175	9.674 095	14	9.728 868	18	0.271 114	9.945 223	4	825	
176	9.674 109	14	9.728 886	18	0.271 096	9.945 219	4	824	
177	9.674 123	14	9.728 904	18	0.271 078	9.945 215	4	823	
178	9.674 137	14	9.728 922	19	0.271 059	9.945 211	4	822	
179	9.674 151	14	9.728 941	18	0.271 041	9.945 207	4	821	
.180	9.674 166	15	9.728 959	18	0.271 023	9.945 203	4	.820	
181	9.674 180	14	9.728 977	18	0.271 005	9.945 199	4	819	
182	9.674 194	14	9.728 995	19	0.270 986	9.945 195	4	818	
183	9.674 208	14	9.729 014	18	0.270 968	9.945 190	5	817	
184	9.674 222	14	9.729 032	18	0.270 950	9.945 186	4	816	
185	9.674 236	14	9.729 050	18	0.270 932	9.945 182	4	815	
186	9.674 251	15	9.729 068	18	0.270 914	9.945 178	4	814	
187	9.674 265	14	9.729 086	19	0.270 895	9.945 174	4	813	
188	9.674 279	14	9.729 105	18	0.270 877	9.945 170	4	812	
189	9.674 293	14	9.729 123	18	0.270 859	9.945 166	4	811	
.190	9.674 307	14	9.729 141	18	0.270 841	9.945 162	4	.810	
191	9.674 321	14	9.729 159	18	0.270 823	9.945 158	4	809	
192	9.674 335	14	9.729 177	19	0.270 804	9.945 154	4	808	
193	9.674 350	15	9.729 196	18	0.270 786	9.945 150	4	807	
194	9.674 364	14	9.729 214	18	0.270 768	9.945 146	4	806	
195	9.674 378	14	9.729 232	18	0.270 750	9.945 142	4	805	
196	9.674 392	14	9.729 250	18	0.270 732	9.945 138	4	804	
197	9.674 406	14	9.729 268	19	0.270 713	9.945 134	4	803	
198	9.674 420	14	9.729 287	18	0.270 695	9.945 130	4	802	
199	9.674 434	14	9.729 305	18	0.270 677	9.945 125	5	801	
.200	9.674 448		9.729 323					.800	
	cos	d	cotg	d	tang	sin	d	61°	P.P.

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61°.850 — 61°.800

28°.200 — 28°.250

28°	sin	d	tang	d	cotg	cos	d		P.P.
.200	9.674 448	15	9.729 323	18	0.270 677	9.945 125	4	**.800**	
201	9.674 463	14	9.729 341	18	0.270 659	9.945 121	4	799	
202	9.674 477	14	9.729 359	19	0.270 641	9.945 117	4	798	
203	9.674 491	14	9.729 378	18	0.270 622	9.945 113	4	797	
204	9.674 505	14	9.729 396	18	0.270 604	9.945 109	4	796	
205	9.674 519	14	9.729 414	18	0.270 586	9.945 105	4	795	
206	9.674 533	14	9.729 432	18	0.270 568	9.945 101	4	794	
207	9.674 547	14	9.729 450	19	0.270 550	9.945 097	4	793	
208	9.674 562	15	9.729 469	18	0.270 531	9.945 093	4	792	
209	9.674 576	14	9.729 487	18	0.270 513	9.945 089	4	791	
.210	9.674 590	14	9.729 505	18	0.270 495	9.945 085	4	**.790**	
211	9.674 604	14	9.729 523	18	0.270 477	9.945 081	4	789	
212	9.674 618	14	9.729 541	19	0.270 459	9.945 077	4	788	
213	9.674 632	14	9.729 560	18	0.270 440	9.945 073	4	787	
214	9.674 646	14	9.729 578	18	0.270 422	9.945 069	4	786	
215	9.674 660	14	9.729 596	18	0.270 404	9.945 064	5	785	
216	9.674 675	15	9.729 614	18	0.270 386	9.945 060	4	784	
217	9.674 689	14	9.729 632	19	0.270 368	9.945 056	4	783	
218	9.674 703	14	9.729 651	18	0.270 349	9.945 052	4	782	
219	9.674 717	14	9.729 669	18	0.270 331	9.945 048	4	781	
.220	9.674 731	14	9.729 687	18	0.270 313	9.945 044	4	**.780**	
221	9.674 745	14	9.729 705	18	0.270 295	9.945 040	4	779	
222	9.674 759	14	9.729 723	19	0.270 277	9.945 036	4	778	
223	9.674 773	15	9.729 742	18	0.270 258	9.945 032	4	777	
224	9.674 788	14	9.729 760	18	0.270 240	9.945 028	4	776	
225	9.674 802	14	9.729 778	18	0.270 222	9.945 024	4	775	
226	9.674 816	14	9.729 796	18	0.270 204	9.945 020	4	774	
227	9.674 830	14	9.729 814	18	0.270 186	9.945 016	4	773	
228	9.674 844	14	9.729 832	19	0.270 168	9.945 012	4	772	
229	9.674 858	14	9.729 851	18	0.270 149	9.945 008	4	771	
.230	9.674 872	14	9.729 869	18	0.270 131	9.945 003	5	**.770**	
231	9.674 886	14	9.729 887	18	0.270 113	9.944 999	4	769	
232	9.674 901	15	9.729 905	18	0.270 095	9.944 995	4	768	
233	9.674 915	14	9.729 923	19	0.270 077	9.944 991	4	767	
234	9.674 929	14	9.729 942	18	0.270 058	9.944 987	4	766	
235	9.674 943	14	9.729 960	18	0.270 040	9.944 983	4	765	
236	9.674 957	14	9.729 978	18	0.270 022	9.944 979	4	764	
237	9.674 971	14	9.729 996	18	0.270 004	9.944 975	4	763	
238	9.674 985	14	9.730 014	19	0.269 986	9.944 971	4	762	
239	9.674 999	14	9.730 033	18	0.269 967	9.944 967	4	761	
.240	9.675 013	15	9.730 051	18	0.269 949	9.944 963	4	**.760**	
241	9.675 028	14	9.730 069	18	0.269 931	9.944 959	4	759	
242	9.675 042	14	9.730 087	18	0.269 913	9.944 955	4	758	
243	9.675 056	14	9.730 105	18	0.269 895	9.944 951	5	757	
244	9.675 070	14	9.730 123	19	0.269 877	9.944 946	4	756	
245	9.675 084	14	9.730 142	18	0.269 858	9.944 942	4	755	
246	9.675 098	14	9.730 160	18	0.269 840	9.944 938	4	754	
247	9.675 112	14	9.730 178	18	0.269 822	9.944 934	4	753	
248	9.675 126	14	9.730 196	18	0.269 804	9.944 930	4	752	
249	9.675 140	14	9.730 214	19	0.269 786	9.944 926	4	751	
.250	9.675 155	15	9.730 233		0.269 767	9.944 922		**.750**	
	cos	d	cotg	d	tang	sin	d	**61°**	P.P.

	19
1	1.9
2	3.8
3	5.7
4	7.6
5	9.5
6	11.4
7	13.3
8	15.2
9	17.1

	18
1	1.8
2	3.6
3	5.4
4	7.2
5	9.0
6	10.8
7	12.6
8	14.4
9	16.2

	15
1	1.5
2	3.0
3	4.5
4	6.0
5	7.5
6	9.0
7	10.5
8	12.0
9	13.5

	14
1	1.4
2	2.8
3	4.2
4	5.6
5	7.0
6	8.4
7	9.8
8	11.2
9	12.6

61°.800 — 61°.750

28°.250 — 28°.300

28°	sin	d	tang	d	cotg	cos	d		P.P.
.250	9.675 155	14	9.730 233	18	0.269 767	9.944 922	4	**.750**	
251	9.675 169	14	9.730 251	18	0.269 749	9.944 918	4	749	
252	9.675 183	14	9.730 269	18	0.269 731	9.944 914	4	748	
253	9.675 197	14	9.730 287	18	0.269 713	9.944 910	4	747	
254	9.675 211	14	9.730 305	18	0.269 695	9.944 906	4	746	
255	9.675 225	14	9.730 323	19	0.269 677	9.944 902	4	745	
256	9.675 239	14	9.730 342	18	0.269 658	9.944 898	4	744	
257	9.675 253	14	9.730 360	18	0.269 640	9.944 894	5	743	
258	9.675 267	14	9.730 378	18	0.269 622	9.944 889	4	742	
259	9.675 281	15	9.730 396	18	0.269 604	9.944 885	4	741	
.260	9.675 296	14	9.730 414	18	0.269 586	9.944 881	4	**.740**	
261	9.675 310	14	9.730 432	19	0.269 568	9.944 877	4	739	
262	9.675 324	14	9.730 451	18	0.269 549	9.944 873	4	738	
263	9.675 338	14	9.730 469	18	0.269 531	9.944 869	4	737	
264	9.675 352	14	9.730 487	18	0.269 513	9.944 865	4	736	
265	9.675 366	14	9.730 505	18	0.269 495	9.944 861	4	735	
266	9.675 380	14	9.730 523	18	0.269 477	9.944 857	4	734	
267	9.675 394	14	9.730 541	19	0.269 459	9.944 853	4	733	
268	9.675 408	14	9.730 560	18	0.269 440	9.944 849	4	732	
269	9.675 422	15	9.730 578	18	0.269 422	9.944 845	4	731	
.270	9.675 437	14	9.730 596	18	0.269 404	9.944 841	5	**.730**	
271	9.675 451	14	9.730 614	18	0.269 386	9.944 836	4	729	
272	9.675 465	14	9.730 632	19	0.269 368	9.944 832	4	728	
273	9.675 479	14	9.730 651	18	0.269 349	9.944 828	4	727	
274	9.675 493	14	9.730 669	18	0.269 331	9.944 824	4	726	
275	9.675 507	14	9.730 687	18	0.269 313	9.944 820	4	725	
276	9.675 521	14	9.730 705	18	0.269 295	9.944 816	4	724	
277	9.675 535	14	9.730 723	18	0.269 277	9.944 812	4	723	
278	9.675 549	14	9.730 741	19	0.269 259	9.944 808	4	722	
279	9.675 563	14	9.730 760	18	0.269 240	9.944 804	4	721	
.280	9.675 577	15	9.730 778	18	0.269 222	9.944 800	4	**.720**	
281	9.675 592	14	9.730 796	18	0.269 204	9.944 796	4	719	
282	9.675 606	14	9.730 814	18	0.269 186	9.944 792	4	718	
283	9.675 620	14	9.730 832	18	0.269 168	9.944 788	5	717	
284	9.675 634	14	9.730 850	19	0.269 150	9.944 783	4	716	
285	9.675 648	14	9.730 869	18	0.269 131	9.944 779	4	715	
286	9.675 662	14	9.730 887	18	0.269 113	9.944 775	4	714	
287	9.675 676	14	9.730 905	18	0.269 095	9.944 771	4	713	
288	9.675 690	14	9.730 923	18	0.269 077	9.944 767	4	712	
289	9.675 704	14	9.730 941	18	0.269 059	9.944 763	4	711	
.290	9.675 718	14	9.730 959	19	0.269 041	9.944 759	4	**.710**	
291	9.675 732	15	9.730 978	18	0.269 022	9.944 755	4	709	
292	9.675 747	14	9.730 996	18	0.269 004	9.944 751	4	708	
293	9.675 761	14	9.731 014	18	0.268 986	9.944 747	4	707	
294	9.675 775	14	9.731 032	18	0.268 968	9.944 743	4	706	
295	9.675 789	14	9.731 050	18	0.268 950	9.944 739	4	705	
296	9.675 803	14	9.731 068	18	0.268 932	9.944 735	5	704	
297	9.675 817	14	9.731 086	19	0.268 914	9.944 730	4	703	
298	9.675 831	14	9.731 105	18	0.268 895	9.944 726	4	702	
299	9.675 845	14	9.731 123	18	0.268 877	9.944 722	4	701	
.300	9.675 859		9.731 141		0.268 859	9.944 718		**.700**	
	cos	d	cotg	d	tang	sin	d	61°	P.P.

	19
1	1.9
2	3.8
3	5.7
4	7.6
5	9.5
6	11.4
7	13.3
8	15.2
9	17.1

	18
1	1.8
2	3.6
3	5.4
4	7.2
5	9.0
6	10.8
7	12.6
8	14.4
9	16.2

	15
1	1.5
2	3.0
3	4.5
4	6.0
5	7.5
6	9.0
7	10.5
8	12.0
9	13.5

	14
1	1.4
2	2.8
3	4.2
4	5.6
5	7.0
6	8.4
7	9.8
8	11.2
9	12.6

61°.750 — 61°.700

28°.300 — 28°.350

28°	sin	d	tang	d	cotg	cos	d		P.P.
.300	9.675 859	14	9.731 141	18	0.268 859	9.944 718	4	.700	
301	9.675 873	14	9.731 159	18	0.268 841	9.944 714	4	699	
302	9.675 887	14	9.731 177	18	0.268 823	9.944 710	4	698	
303	9.675 901	14	9.731 195	19	0.268 805	9.944 706	4	697	
304	9.675 915	15	9.731 214	18	0.268 786	9.944 702	4	696	19
305	9.675 930	14	9.731 232	18	0.268 768	9.944 698	4	695	1 1.9
306	9.675 944	14	9.731 250	18	0.268 750	9.944 694	4	694	2 3.8
307	9.675 958	14	9.731 268	18	0.268 732	9.944 690	4	693	3 5.7
308	9.675 972	14	9.731 286	18	0.268 714	9.944 686	4	692	4 7.6
309	9.675 986	14	9.731 304	19	0.268 696	9.944 681	5	691	5 9.5
.310	9.676 000	14	9.731 323	18	0.268 677	9.944 677	4	.690	6 11.4
311	9.676 014	14	9.731 341	18	0.268 659	9.944 673	4	689	7 13.3
312	9.676 028	14	9.731 359	18	0.268 641	9.944 669	4	688	8 15.2
313	9.676 042	14	9.731 377	18	0.268 623	9.944 665	4	687	9 17.1
314	9.676 056	14	9.731 395	18	0.268 605	9.944 661	4	686	
315	9.676 070	14	9.731 413	18	0.268 587	9.944 657	4	685	18
316	9.676 084	14	9.731 431	19	0.268 569	9.944 653	4	684	1 1.8
317	9.676 098	14	9.731 450	18	0.268 550	9.944 649	4	683	2 3.6
318	9.676 112	14	9.731 468	18	0.268 532	9.944 645	4	682	3 5.4
319	9.676 127	15	9.731 486	18	0.268 514	9.944 641	4	681	4 7.2
.320	9.676 141	14	9.731 504	18	0.268 496	9.944 637	4	.680	5 9.0
321	9.676 155	14	9.731 522	18	0.268 478	9.944 632	5	679	6 10.8
322	9.676 169	14	9.731 540	19	0.268 460	9.944 628	4	678	7 12.6
323	9.676 183	14	9.731 559	18	0.268 441	9.944 624	4	677	8 14.4
324	9.676 197	14	9.731 577	18	0.268 423	9.944 620	4	676	9 16.2
325	9.676 211	14	9.731 595	18	0.268 405	9.944 616	4	675	
326	9.676 225	14	9.731 613	18	0.268 387	9.944 612	4	674	
327	9.676 239	14	9.731 631	18	0.268 369	9.944 608	4	673	15
328	9.676 253	14	9.731 649	18	0.268 351	9.944 604	4	672	1 1.5
329	9.676 267	14	9.731 667	18	0.268 333	9.944 600	4	671	2 3.0
.330	9.676 281	14	9.731 686	19	0.268 314	9.944 596	4	.670	3 4.5
331	9.676 295	14	9.731 704	18	0.268 296	9.944 592	4	669	4 6.0
332	9.676 309	14	9.731 722	18	0.268 278	9.944 587	5	668	5 7.5
333	9.676 323	14	9.731 740	18	0.268 260	9.944 583	4	667	6 9.0
334	9.676 337	14	9.731 758	18	0.268 242	9.944 579	4	666	7 10.5
335	9.676 352	15	9.731 776	18	0.268 224	9.944 575	4	665	8 12.0
336	9.676 366	14	9.731 794	18	0.268 206	9.944 571	4	664	9 13.5
337	9.676 380	14	9.731 813	19	0.268 187	9.944 567	4	663	
338	9.676 394	14	9.731 831	18	0.268 169	9.944 563	4	662	
339	9.676 408	14	9.731 849	18	0.268 151	9.944 559	4	661	14
.340	9.676 422	14	9.731 867	18	0.268 133	9.944 555	4	.660	1 1.4
341	9.676 436	14	9.731 885	18	0.268 115	9.944 551	4	659	2 2.8
342	9.676 450	14	9.731 903	18	0.268 097	9.944 547	4	658	3 4.2
343	9.676 464	14	9.731 921	19	0.268 079	9.944 543	5	657	4 5.6
344	9.676 478	14	9.731 940	18	0.268 060	9.944 538	4	656	5 7.0
345	9.676 492	14	9.731 958	18	0.268 042	9.944 534	4	655	6 8.4
346	9.676 506	14	9.731 976	18	0.268 024	9.944 530	4	654	7 9.8
347	9.676 520	14	9.731 994	18	0.268 006	9.944 526	4	653	8 11.2
348	9.676 534	14	9.732 012	18	0.267 988	9.944 522	4	652	9 12.6
349	9.676 548	14	9.732 030	18	0.267 970	9.944 518	4	651	
.350	9.676 562		9.732 048		0.267 952	9.944 514		.650	
	cos	d	cotg	d	tang	sin	d	61°	P.P.

61°.700 — 61°.650

28°.350 — 28°.400

28°	sin	d	tang	d	cotg	cos	d		P.P.
.350	9.676 562	14	9.732 048	19	0.267 952	9.944 514	4	**.650**	
351	9.676 576	14	9.732 067	18	0.267 933	9.944 510	4	649	
352	9.676 590	14	9.732 085	18	0.267 915	9.944 506	4	648	
353	9.676 604	14	9.732 103	18	0.267 897	9.944 502	4	647	
354	9.676 618	15	9.732 121	18	0.267 879	9.944 498	5	646	19
355	9.676 633	14	9.732 139	18	0.267 861	9.944 493	4	645	1 1.9
356	9.676 647	14	9.732 157	18	0.267 843	9.944 489	4	644	2 3.8
357	9.676 661	14	9.732 175	18	0.267 825	9.944 485	4	643	3 5.7
358	9.676 675	14	9.732 193	19	0.267 807	9.944 481	4	642	4 7.6
359	9.676 689	14	9.732 212	18	0.267 788	9.944 477	4	641	5 9.5
.360	9.676 703	14	9.732 230	18	0.267 770	9.944 473	4	**.640**	6 11.4
361	9.676 717	14	9.732 248	18	0.267 752	9.944 469	4	639	7 13.3
362	9.676 731	14	9.732 266	18	0.267 734	9.944 465	4	638	8 15.2
363	9.676 745	14	9.732 284	18	0.267 716	9.944 461	4	637	9 17.1
364	9.676 759	14	9.732 302	18	0.267 698	9.944 457	4	636	
365	9.676 773	14	9.732 320	19	0.267 680	9.944 453	4	635	18
366	9.676 787	14	9.732 339	18	0.267 661	9.944 448	5	634	1 1.8
367	9.676 801	14	9.732 357	18	0.267 643	9.944 444	4	633	2 3.6
368	9.676 815	14	9.732 375	18	0.267 625	9.944 440	4	632	3 5.4
369	9.676 829	14	9.732 393	18	0.267 607	9.944 436	4	631	4 7.2
.370	9.676 843	14	9.732 411	18	0.267 589	9.944 432	4	**.630**	5 9.0
371	9.676 857	14	9.732 429	18	0.267 571	9.944 428	4	629	6 10.8
372	9.676 871	14	9.732 447	18	0.267 553	9.944 424	4	628	7 12.6
373	9.676 885	14	9.732 465	19	0.267 535	9.944 420	4	627	8 14.4
374	9.676 899	14	9.732 484	18	0.267 516	9.944 416	4	626	9 16.2
375	9.676 913	14	9.732 502	18	0.267 498	9.944 412	4	625	
376	9.676 927	14	9.732 520	18	0.267 480	9.944 408	4	624	
377	9.676 941	14	9.732 538	18	0.267 462	9.944 403	5	623	15
378	9.676 955	14	9.732 556	18	0.267 444	9.944 399	4	622	1 1.5
379	9.676 969	14	9.732 574	18	0.267 426	9.944 395	4	621	2 3.0
.380	9.676 983	14	9.732 592	18	0.267 408	9.944 391	4	**.620**	3 4.5
381	9.676 997	14	9.732 610	18	0.267 390	9.944 387	4	619	4 6.0
382	9.677 012	15	9.732 629	19	0.267 371	9.944 383	4	618	5 7.5
383	9.677 026	14	9.732 647	18	0.267 353	9.944 379	4	617	6 9.0
384	9.677 040	14	9.732 665	18	0.267 335	9.944 375	4	616	7 10.5
385	9.677 054	14	9.732 683	18	0.267 317	9.944 371	4	615	8 12.0
386	9.677 068	14	9.732 701	18	0.267 299	9.944 367	4	614	9 13.5
387	9.677 082	14	9.732 719	18	0.267 281	9.944 362	5	613	
388	9.677 096	14	9.732 737	18	0.267 263	9.944 358	4	612	
389	9.677 110	14	9.732 755	18	0.267 245	9.944 354	4	611	14
.390	9.677 124	14	9.732 774	19	0.267 226	9.944 350	4	**.610**	1 1.4
391	9.677 138	14	9.732 792	18	0.267 208	9.944 346	4	609	2 2.8
392	9.677 152	14	9.732 810	18	0.267 190	9.944 342	4	608	3 4.2
393	9.677 166	14	9.732 828	18	0.267 172	9.944 338	4	607	4 5.6
394	9.677 180	14	9.732 846	18	0.267 154	9.944 334	4	606	5 7.0
395	9.677 194	14	9.732 864	18	0.267 136	9.944 330	4	605	6 8.4
396	9.677 208	14	9.732 882	18	0.267 118	9.944 326	4	604	7 9.8
397	9.677 222	14	9.732 900	18	0.267 100	9.944 321	5	603	8 11.2
398	9.677 236	14	9.732 919	19	0.267 081	9.944 317	4	602	9 12.6
399	9.677 250	14	9.732 937	18	0.267 063	9.944 313	4	601	
.400	9.677 264		9.732 955	18	0.267 045	9.944 309	4	**.600**	
	cos	d	cotg	d	tang	sin	d	**61°**	P.P.

61°.650 — 61°.600

28°.400 — 28°.450

28°	sin	d	tang	d	cotg	cos	d		P.P.
.400	9.677 264	14	9.732 955	18	0.267 045	9.944 309	4	.600	
401	9.677 278	14	9.732 973	18	0.267 027	9.944 305	4	599	
402	9.677 292	14	9.732 991	18	0.267 009	9.944 301	4	598	
403	9.677 306	14	9.733 009	18	0.266 991	9.944 297	4	597	
404	9.677 320	14	9.733 027	18	0.266 973	9.944 293	4	596	
405	9.677 334	14	9.733 045	18	0.266 955	9.944 289	4	595	
406	9.677 348	14	9.733 063	19	0.266 937	9.944 285	4	594	
407	9.677 362	14	9.733 082	18	0.266 918	9.944 281	4	593	19
408	9.677 376	14	9.733 100	18	0.266 900	9.944 276	5	592	1 1.9
409	9.677 390	14	9.733 118	18	0.266 882	9.944 272	4	591	2 3.8
.410	9.677 404	14	9.733 136	18	0.266 864	9.944 268	4	.590	3 5.7
411	9.677 418	14	9.733 154	18	0.266 846	9.944 264	4	589	4 7.6
412	9.677 432	14	9.733 172	18	0.266 828	9.944 260	4	588	5 9.5
413	9.677 446	14	9.733 190	18	0.266 810	9.944 256	4	587	6 11.4
414	9.677 460	14	9.733 208	18	0.266 792	9.944 252	4	586	7 13.3
415	9.677 474	14	9.733 226	18	0.266 774	9.944 248	4	585	8 15.2
416	9.677 488	14	9.733 245	19	0.266 755	9.944 244	4	584	9 17.1
417	9.677 502	14	9.733 263	18	0.266 737	9.944 240	4	583	
418	9.677 516	14	9.733 281	18	0.266 719	9.944 235	5	582	
419	9.677 530	14	9.733 299	18	0.266 701	9.944 231	4	581	
.420	9.677 544	14	9.733 317	18	0.266 683	9.944 227	4	.580	
421	9.677 558	14	9.733 335	18	0.266 665	9.944 223	4	579	18
422	9.677 572	14	9.733 353	18	0.266 647	9.944 219	4	578	1 1.8
423	9.677 586	14	9.733 371	18	0.266 629	9.944 215	4	577	2 3.6
424	9.677 600	14	9.733 389	18	0.266 611	9.944 211	4	576	3 5.4
425	9.677 614	14	9.733 408	19	0.266 592	9.944 207	4	575	4 7.2
426	9.677 628	14	9.733 426	18	0.266 574	9.944 203	4	574	5 9.0
427	9.677 642	14	9.733 444	18	0.266 556	9.944 198	5	573	6 10.8
428	9.677 656	14	9.733 462	18	0.266 538	9.944 194	4	572	7 12.6
429	9.677 670	14	9.733 480	18	0.266 520	9.944 190	4	571	8 14.4
.430	9.677 684	14	9.733 498	18	0.266 502	9.944 186	4	.570	9 16.2
431	9.677 698	14	9.733 516	18	0.266 484	9.944 182	4	569	
432	9.677 712	14	9.733 534	18	0.266 466	9.944 178	4	568	
433	9.677 726	14	9.733 552	18	0.266 448	9.944 174	4	567	
434	9.677 740	14	9.733 570	19	0.266 430	9.944 170	4	566	
435	9.677 754	14	9.733 589	18	0.266 411	9.944 166	4	565	
436	9.677 768	14	9.733 607	18	0.266 393	9.944 162	4	564	14
437	9.677 782	14	9.733 625	18	0.266 375	9.944 157	5	563	1 1.4
438	9.677 796	14	9.733 643	18	0.266 357	9.944 153	4	562	2 2.8
439	9.677 810	14	9.733 661	18	0.266 339	9.944 149	4	561	3 4.2
.440	9.677 824	14	9.733 679	18	0.266 321	9.944 145	4	.560	4 5.6
441	9.677 838	14	9.733 697	18	0.266 303	9.944 141	4	559	5 7.0
442	9.677 852	14	9.733 715	18	0.266 285	9.944 137	4	558	6 8.4
443	9.677 866	14	9.733 733	19	0.266 267	9.944 133	4	557	7 9.8
444	9.677 880	14	9.733 752	18	0.266 248	9.944 129	4	556	8 11.2
445	9.677 894	14	9.733 770	18	0.266 230	9.944 125	4	555	9 12.6
446	9.677 908	14	9.733 788	18	0.266 212	9.944 120	5	554	
447	9.677 922	14	9.733 806	18	0.266 194	9.944 116	4	553	
448	9.677 936	14	9.733 824	18	0.266 176	9.944 112	4	552	
449	9.677 950	14	9.733 842	18	0.266 158	9.944 108	4	551	
.450	9.677 964	14	9.733 860	18	0.266 140	9.944 104	4	.550	
	cos	d	cotg	d	tang	sin	d	61°	P.P.

61°.600 — 61°.550

28°.450 — 28°.500

28°	sin	d	tang	d	cotg	cos	d		P.P.
.450	9.677 964	14	9.733 860	18	0.266 140	9.944 104	4	.550	
451	9.677 978	14	9.733 878	18	0.266 122	9.944 100	4	549	
452	9.677 992	14	9.733 896	18	0.266 104	9.944 096	4	548	
453	9.678 006	14	9.733 914	18	0.266 086	9.944 092	4	547	
454	9.678 020	14	9.733 932	19	0.266 068	9.944 088	4	546	19
455	9.678 034	14	9.733 951	18	0.266 049	9.944 084	5	545	1 1.9
456	9.678 048	14	9.733 969	18	0.266 031	9.944 079	4	544	2 3.8
457	9.678 062	14	9.733 987	18	0.266 013	9.944 075	4	543	3 5.7
458	9.678 076	14	9.734 005	18	0.265 995	9.944 071	4	542	4 7.6
459	9.678 090	14	9.734 023	18	0.265 977	9.944 067	4	541	5 9.5
.460	9.678 104	14	9.734 041	18	0.265 959	9.944 063	4	.540	6 11.4
461	9.678 118	14	9.734 059	18	0.265 941	9.944 059	4	539	7 13.3
462	9.678 132	14	9.734 077	18	0.265 923	9.944 055	4	538	8 15.2
463	9.678 146	14	9.734 095	18	0.265 905	9.944 051	4	537	9 17.1
464	9.678 160	14	9.734 113	18	0.265 887	9.944 047	4	536	
465	9.678 174	14	9.734 131	19	0.265 869	9.944 042	5	535	18
466	9.678 188	14	9.734 150	18	0.265 850	9.944 038	4	534	1 1.8
467	9.678 202	14	9.734 168	18	0.265 832	9.944 034	4	533	2 3.6
468	9.678 216	14	9.734 186	18	0.265 814	9.944 030	4	532	3 5.4
469	9.678 230	14	9.734 204	18	0.265 796	9.944 026	4	531	4 7.2
.470	9.678 244	14	9.734 222	18	0.265 778	9.944 022	4	.530	5 9.0
471	9.678 258	14	9.734 240	18	0.265 760	9.944 018	4	529	6 10.8
472	9.678 272	14	9.734 258	18	0.265 742	9.944 014	4	528	7 12.6
473	9.678 286	14	9.734 276	18	0.265 724	9.944 010	4	527	8 14.4
474	9.678 300	14	9.734 294	18	0.265 706	9.944 005	5	526	9 16.2
475	9.678 314	14	9.734 312	18	0.265 688	9.944 001	4	525	
476	9.678 328	14	9.734 330	18	0.265 670	9.943 997	4	524	
477	9.678 342	14	9.734 349	19	0.265 651	9.943 993	4	523	14
478	9.678 356	14	9.734 367	18	0.265 633	9.943 989	4	522	1 1.4
479	9.678 370	14	9.734 385	18	0.265 615	9.943 985	4	521	2 2.8
.480	9.678 384	14	9.734 403	18	0.265 597	9.943 981	4	.520	3 4.2
481	9.678 398	14	9.734 421	18	0.265 579	9.943 977	4	519	4 5.6
482	9.678 412	14	9.734 439	18	0.265 561	9.943 973	4	518	5 7.0
483	9.678 425	13	9.734 457	18	0.265 543	9.943 968	5	517	6 8.4
484	9.678 439	14	9.734 475	18	0.265 525	9.943 964	4	516	7 9.8
485	9.678 453	14	9.734 493	18	0.265 507	9.943 960	4	515	8 11.2
486	9.678 467	14	9.734 511	18	0.265 489	9.943 956	4	514	9 12.6
487	9.678 481	14	9.734 529	18	0.265 471	9.943 952	4	513	
488	9.678 495	14	9.734 547	18	0.265 453	9.943 948	4	512	
489	9.678 509	14	9.734 566	19	0.265 434	9.943 944	4	511	13
.490	9.678 523	14	9.734 584	18	0.265 416	9.943 940	4	.510	1 1.3
491	9.678 537	14	9.734 602	18	0.265 398	9.943 936	4	509	2 2.6
492	9.678 551	14	9.734 620	18	0.265 380	9.943 931	5	508	3 3.9
493	9.678 565	14	9.734 638	18	0.265 362	9.943 927	4	507	4 5.2
494	9.678 579	14	9.734 656	18	0.265 344	9.943 923	4	506	5 6.5
495	9.678 593	14	9.734 674	18	0.265 326	9.943 919	4	505	6 7.8
496	9.678 607	14	9.734 692	18	0.265 308	9.943 915	4	504	7 9.1
497	9.678 621	14	9.734 710	18	0.265 290	9.943 911	4	503	8 10.4
498	9.678 635	14	9.734 728	18	0.265 272	9.943 907	4	502	9 11.7
499	9.678 649	14	9.734 746	18	0.265 254	9.943 903	4	501	
.500	9.678 663		9.734 764		0.265 236	9.943 899		.500	
	cos	d	cotg	d	tang	sin	d	61°	P.P.

61°.550 — 61°.500

28°.500 — 28°.550

28°	sin	d	tang	d	cotg	cos	d		P.P.
.500	9.678 663	14	9.734 764	18	0.265 236	9.943 899	5	.500	
501	9.678 677	14	9.734 782	19	0.265 218	9.943 894	4	499	
502	9.678 691	14	9.734 801	18	0.265 199	9.943 890	4	498	
503	9.678 705	14	9.734 819	18	0.265 181	9.943 886	4	497	
504	9.678 719	14	9.734 837	18	0.265 163	9.943 882	4	496	
505	9.678 733	14	9.734 855	18	0.265 145	9.943 878	4	495	
506	9.678 747	14	9.734 873	18	0.265 127	9.943 874	4	494	
507	9.678 761	14	9.734 891	18	0.265 109	9.943 870	4	493	
508	9.678 775	14	9.734 909	18	0.265 091	9.943 866	4	492	
509	9.678 789	14	9.734 927	18	0.265 073	9.943 861	5	491	
.510	9.678 802	13	9.734 945	18	0.265 055	9.943 857	4	.490	
511	9.678 816	14	9.734 963	18	0.265 037	9.943 853	4	489	
512	9.678 830	14	9.734 981	18	0.265 019	9.943 849	4	488	
513	9.678 844	14	9.734 999	18	0.265 001	9.943 845	4	487	
514	9.678 858	14	9.735 017	18	0.264 983	9.943 841	4	486	
515	9.678 872	14	9.735 035	19	0.264 965	9.943 837	4	485	
516	9.678 886	14	9.735 054	18	0.264 946	9.943 833	4	484	
517	9.678 900	14	9.735 072	18	0.264 928	9.943 829	4	483	
518	9.678 914	14	9.735 090	18	0.264 910	9.943 824	5	482	
519	9.678 928	14	9.735 108	18	0.264 892	9.943 820	4	481	
.520	9.678 942	14	9.735 126	18	0.264 874	9.943 816	4	.480	
521	9.678 956	14	9.735 144	18	0.264 856	9.943 812	4	479	
522	9.678 970	14	9.735 162	18	0.264 838	9.943 808	4	478	
523	9.678 984	14	9.735 180	18	0.264 820	9.943 804	4	477	
524	9.678 998	14	9.735 198	18	0.264 802	9.943 800	4	476	
525	9.679 012	14	9.735 216	18	0.264 784	9.943 796	4	475	
526	9.679 026	14	9.735 234	18	0.264 766	9.943 791	5	474	
527	9.679 040	14	9.735 252	18	0.264 748	9.943 787	4	473	
528	9.679 054	14	9.735 270	18	0.264 730	9.943 783	4	472	
529	9.679 068	14	9.735 288	18	0.264 712	9.943 779	4	471	
.530	9.679 081	13	9.735 306	18	0.264 694	9.943 775	4	.470	
531	9.679 095	14	9.735 325	19	0.264 675	9.943 771	4	469	
532	9.679 109	14	9.735 343	18	0.264 657	9.943 767	4	468	
533	9.679 123	14	9.735 361	18	0.264 639	9.943 763	4	467	
534	9.679 137	14	9.735 379	18	0.264 621	9.943 758	5	466	
535	9.679 151	14	9.735 397	18	0.264 603	9.943 754	4	465	
536	9.679 165	14	9.735 415	18	0.264 585	9.943 750	4	464	
537	9.679 179	14	9.735 433	18	0.264 567	9.943 746	4	463	
538	9.679 193	14	9.735 451	18	0.264 549	9.943 742	4	462	
539	9.679 207	14	9.735 469	18	0.264 531	9.943 738	4	461	
.540	9.679 221	14	9.735 487	18	0.264 513	9.943 734	4	.460	
541	9.679 235	14	9.735 505	18	0.264 495	9.943 730	4	459	
542	9.679 249	14	9.735 523	18	0.264 477	9.943 726	4	458	
543	9.679 263	14	9.735 541	18	0.264 459	9.943 721	5	457	
544	9.679 277	14	9.735 559	18	0.264 441	9.943 717	4	456	
545	9.679 291	14	9.735 577	18	0.264 423	9.943 713	4	455	
546	9.679 304	13	9.735 595	19	0.264 405	9.943 709	4	454	
547	9.679 318	14	9.735 614	18	0.264 386	9.943 705	4	453	
548	9.679 332	14	9.735 632	18	0.264 368	9.943 701	4	452	
549	9.679 346	14	9.735 650	18	0.264 350	9.943 697	4	451	
.550	9.679 360	14	9.735 668	18	0.264 332	9.943 693	4	.450	
	cos	d	cotg	d	tang	sin	d	61°	P.P.

	19
1	1.9
2	3.8
3	5.7
4	7.6
5	9.5
6	11.4
7	13.3
8	15.2
9	17.1

	18
1	1.8
2	3.6
3	5.4
4	7.2
5	9.0
6	10.8
7	12.6
8	14.4
9	16.2

	14
1	1.4
2	2.8
3	4.2
4	5.6
5	7.0
6	8.4
7	9.8
8	11.2
9	12.6

	13
1	1.3
2	2.6
3	3.9
4	5.2
5	6.5
6	7.8
7	9.1
8	10.4
9	11.7

61°.500 — 61°.450

28°.550 — 28°.600

28°	sin	d	tang	d	cotg	cos	d		P.P.
.550	9.679 360	14	9.735 668	18	0.264 332	9.943 693	5	.450	
551	9.679 374	14	9.735 686	18	0.264 314	9.943 688	4	449	
552	9.679 388	14	9.735 704	18	0.264 296	9.943 684	4	448	
553	9.679 402	14	9.735 722	18	0.264 278	9.943 680	4	447	
554	9.679 416	14	9.735 740	18	0.264 260	9.943 676	4	446	
555	9.679 430	14	9.735 758	18	0.264 242	9.943 672	4	445	
556	9.679 444	14	9.735 776	18	0.264 224	9.943 668	4	444	
557	9.679 458	14	9.735 794	18	0.264 206	9.943 664	4	443	
558	9.679 472	14	9.735 812	18	0.264 188	9.943 660	4	442	
559	9.679 486	14	9.735 830	18	0.264 170	9.943 655	5	441	
.560	9.679 499	13	9.735 848	18	0.264 152	9.943 651	4	.440	
561	9.679 513	14	9.735 866	18	0.264 134	9.943 647	4	439	
562	9.679 527	14	9.735 884	18	0.264 116	9.943 643	4	438	
563	9.679 541	14	9.735 902	18	0.264 098	9.943 639	4	437	
564	9.679 555	14	9.735 920	18	0.264 080	9.943 635	4	436	
565	9.679 569	14	9.735 938	19	0.264 062	9.943 631	4	435	
566	9.679 583	14	9.735 957	18	0.264 043	9.943 627	4	434	
567	9.679 597	14	9.735 975	18	0.264 025	9.943 622	5	433	
568	9.679 611	14	9.735 993	18	0.264 007	9.943 618	4	432	
569	9.679 625	14	9.736 011	18	0.263 989	9.943 614	4	431	
.570	9.679 639	14	9.736 029	18	0.263 971	9.943 610	4	.430	
571	9.679 653	14	9.736 047	18	0.263 953	9.943 606	4	429	
572	9.679 667	14	9.736 065	18	0.263 935	9.943 602	4	428	
573	9.679 680	13	9.736 083	18	0.263 917	9.943 598	4	427	
574	9.679 694	14	9.736 101	18	0.263 899	9.943 593	5	426	
575	9.679 708	14	9.736 119	18	0.263 881	9.943 589	4	425	
576	9.679 722	14	9.736 137	18	0.263 863	9.943 585	4	424	
577	9.679 736	14	9.736 155	18	0.263 845	9.943 581	4	423	
578	9.679 750	14	9.736 173	18	0.263 827	9.943 577	4	422	
579	9.679 764	14	9.736 191	18	0.263 809	9.943 573	4	421	
.580	9.679 778	14	9.736 209	18	0.263 791	9.943 569	4	.420	
581	9.679 792	14	9.736 227	18	0.263 773	9.943 565	4	419	
582	9.679 806	14	9.736 245	18	0.263 755	9.943 560	5	418	
583	9.679 820	14	9.736 263	18	0.263 737	9.943 556	4	417	
584	9.679 834	14	9.736 281	18	0.263 719	9.943 552	4	416	
585	9.679 847	13	9.736 299	18	0.263 701	9.943 548	4	415	
586	9.679 861	14	9.736 317	18	0.263 683	9.943 544	4	414	
587	9.679 875	14	9.736 335	18	0.263 665	9.943 540	4	413	
588	9.679 889	14	9.736 353	18	0.263 647	9.943 536	4	412	
589	9.679 903	14	9.736 372	19	0.263 628	9.943 532	4	411	
.590	9.679 917	14	9.736 390	18	0.263 610	9.943 527	5	.410	
591	9.679 931	14	9.736 408	18	0.263 592	9.943 523	4	409	
592	9.679 945	14	9.736 426	18	0.263 574	9.943 519	4	408	
593	9.679 959	14	9.736 444	18	0.263 556	9.943 515	4	407	
594	9.679 973	14	9.736 462	18	0.263 538	9.943 511	4	406	
595	9.679 987	14	9.736 480	18	0.263 520	9.943 507	4	405	
596	9.680 000	13	9.736 498	18	0.263 502	9.943 503	4	404	
597	9.680 014	14	9.736 516	18	0.263 484	9.943 498	5	403	
598	9.680 028	14	9.736 534	18	0.263 466	9.943 494	4	402	
599	9.680 042	14	9.736 552	18	0.263 448	9.943 490	4	401	
.600	9.680 056	14	9.736 570	18	0.263 430	9.943 486	4	.400	
	cos	d	cotg	d	tang	sin	d	61°	P.P.

	19
1	1.9
2	3.8
3	5.7
4	7.6
5	9.5
6	11.4
7	13.3
8	15.2
9	17.1

	18
1	1.8
2	3.6
3	5.4
4	7.2
5	9.0
6	10.8
7	12.6
8	14.4
9	16.2

	14
1	1.4
2	2.8
3	4.2
4	5.6
5	7.0
6	8.4
7	9.8
8	11.2
9	12.6

	13
1	1.3
2	2.6
3	3.9
4	5.2
5	6.5
6	7.8
7	9.1
8	10.4
9	11.7

61°.450 — 61°.400

28°.600 — 28°.650

28°	sin	d	tang	d	cotg	cos	d		P.P.
.600	9.680 056	14	9.736 570	18	0.263 430	9.943 486	4	**.400**	
601	9.680 070	14	9.736 588	18	0.263 412	9.943 482	4	399	
602	9.680 084	14	9.736 606	18	0.263 394	9.943 478	4	398	
603	9.680 098	14	9.736 624	18	0.263 376	9.943 474	4	397	
604	9.680 112	14	9.736 642	18	0.263 358	9.943 470	5	396	
605	9.680 126	13	9.736 660	18	0.263 340	9.943 465	4	395	
606	9.680 139	14	9.736 678	18	0.263 322	9.943 461	4	394	
607	9.680 153	14	9.736 696	18	0.263 304	9.943 457	4	393	
608	9.680 167	14	9.736 714	18	0.263 286	9.943 453	4	392	
609	9.680 181	14	9.736 732	18	0.263 268	9.943 449	4	391	
.610	9.680 195	14	9.736 750	18	0.263 250	9.943 445	4	**.390**	
611	9.680 209	14	9.736 768	18	0.263 232	9.943 441	5	389	
612	9.680 223	14	9.736 786	18	0.263 214	9.943 436	4	388	
613	9.680 237	14	9.736 804	18	0.263 196	9.943 432	4	387	
614	9.680 251	14	9.736 822	18	0.263 178	9.943 428	4	386	
615	9.680 265	13	9.736 840	18	0.263 160	9.943 424	4	385	
616	9.680 278	14	9.736 858	18	0.263 142	9.943 420	4	384	
617	9.680 292	14	9.736 876	19	0.263 124	9.943 416	4	383	
618	9.680 306	14	9.736 895	18	0.263 105	9.943 412	4	382	
619	9.680 320	14	9.736 913	18	0.263 087	9.943 408	5	381	
.620	9.680 334	14	9.736 931	18	0.263 069	9.943 403	4	**.380**	
621	9.680 348	14	9.736 949	18	0.263 051	9.943 399	4	379	
622	9.680 362	14	9.736 967	18	0.263 033	9.943 395	4	378	
623	9.680 376	14	9.736 985	18	0.263 015	9.943 391	4	377	
624	9.680 390	13	9.737 003	18	0.262 997	9.943 387	4	376	
625	9.680 403	14	9.737 021	18	0.262 979	9.943 383	4	375	
626	9.680 417	14	9.737 039	18	0.262 961	9.943 379	5	374	
627	9.680 431	14	9.737 057	18	0.262 943	9.943 374	4	373	
628	9.680 445	14	9.737 075	18	0.262 925	9.943 370	4	372	
629	9.680 459	14	9.737 093	18	0.262 907	9.943 366	4	371	
.630	9.680 473	14	9.737 111	18	0.262 889	9.943 362	4	**.370**	
631	9.680 487	14	9.737 129	18	0.262 871	9.943 358	4	369	
632	9.680 501	14	9.737 147	18	0.262 853	9.943 354	4	368	
633	9.680 515	13	9.737 165	18	0.262 835	9.943 350	5	367	
634	9.680 528	14	9.737 183	18	0.262 817	9.943 345	4	366	
635	9.680 542	14	9.737 201	18	0.262 799	9.943 341	4	365	
636	9.680 556	14	9.737 219	18	0.262 781	9.943 337	4	364	
637	9.680 570	14	9.737 237	18	0.262 763	9.943 333	4	363	
638	9.680 584	14	9.737 255	18	0.262 745	9.943 329	4	362	
639	9.680 598	14	9.737 273	18	0.262 727	9.943 325	4	361	
.640	9.680 612	14	9.737 291	18	0.262 709	9.943 321	4	**.360**	
641	9.680 626	13	9.737 309	18	0.262 691	9.943 317	5	359	
642	9.680 639	14	9.737 327	18	0.262 673	9.943 312	4	358	
643	9.680 653	14	9.737 345	18	0.262 655	9.943 308	4	357	
644	9.680 667	14	9.737 363	18	0.262 637	9.943 304	4	356	
645	9.680 681	14	9.737 381	18	0.262 619	9.943 300	4	355	
646	9.680 695	14	9.737 399	18	0.262 601	9.943 296	4	354	
647	9.680 709	14	9.737 417	18	0.262 583	9.943 292	4	353	
648	9.680 723	14	9.737 435	18	0.262 565	9.943 288	4	352	
649	9.680 737	13	9.737 453	18	0.262 547	9.943 283	5	351	
.650	9.680 750		9.737 471		0.262 529	9.943 279	4	**.350**	
	cos	d	cotg	d	tang	sin	d	**61°**	P.P.

	19
1	1.9
2	3.8
3	5.7
4	7.6
5	9.5
6	11.4
7	13.3
8	15.2
9	17.1

	18
1	1.8
2	3.6
3	5.4
4	7.2
5	9.0
6	10.8
7	12.6
8	14.4
9	16.2

	14
1	1.4
2	2.8
3	4.2
4	5.6
5	7.0
6	8.4
7	9.8
8	11.2
9	12.6

	13
1	1.3
2	2.6
3	3.9
4	5.2
5	6.5
6	7.8
7	9.1
8	10.4
9	11.7

61°.400 — 61°.350

28°.650 — 28°.700

28°	sin	d	tang	d	cotg	cos	d		P.P.
.650	9.680 750	14	9.737 471	18	0.262 529	9.943 279	4	**.350**	
651	9.680 764	14	9.737 489	18	0.262 511	9.943 275	4	349	
652	9.680 778	14	9.737 507	18	0.262 493	9.943 271	4	348	
653	9.680 792	14	9.737 525	18	0.262 475	9.943 267	4	347	
654	9.680 806	14	9.737 543	18	0.262 457	9.943 263	4	346	
655	9.680 820	14	9.737 561	18	0.262 439	9.943 259	5	345	
656	9.680 834	14	9.737 579	18	0.262 421	9.943 254	4	344	
657	9.680 848	13	9.737 597	18	0.262 403	9.943 250	4	343	
658	9.680 861	14	9.737 615	18	0.262 385	9.943 246	4	342	
659	9.680 875	14	9.737 633	18	0.262 367	9.943 242	4	341	
.660	9.680 889	14	9.737 651	18	0.262 349	9.943 238	4	**.340**	
661	9.680 903	14	9.737 669	18	0.262 331	9.943 234	4	339	
662	9.680 917	14	9.737 687	18	0.262 313	9.943 230	5	338	
663	9.680 931	14	9.737 705	18	0.262 295	9.943 225	4	337	
664	9.680 945	13	9.737 723	18	0.262 277	9.943 221	4	336	
665	9.680 958	14	9.737 741	18	0.262 259	9.943 217	4	335	
666	9.680 972	14	9.737 759	18	0.262 241	9.943 213	4	334	
667	9.680 986	14	9.737 777	18	0.262 223	9.943 209	4	333	
668	9.681 000	14	9.737 795	18	0.262 205	9.943 205	4	332	
669	9.681 014	14	9.737 813	18	0.262 187	9.943 201	5	331	
.670	9.681 028	14	9.737 831	18	0.262 169	9.943 196	4	**.330**	
671	9.681 042	14	9.737 849	18	0.262 151	9.943 192	4	329	
672	9.681 056	13	9.737 867	18	0.262 133	9.943 188	4	328	
673	9.681 069	14	9.737 885	18	0.262 115	9.943 184	4	327	
674	9.681 083	14	9.737 903	18	0.262 097	9.943 180	4	326	
675	9.681 097	14	9.737 921	18	0.262 079	9.943 176	5	325	
676	9.681 111	14	9.737 939	18	0.262 061	9.943 172	4	324	
677	9.681 125	14	9.737 957	18	0.262 043	9.943 167	4	323	
678	9.681 139	14	9.737 975	18	0.262 025	9.943 163	4	322	
679	9.681 153	14	9.737 993	18	0.262 007	9.943 159	4	321	
.680	9.681 166	13	9.738 011	18	0.261 989	9.943 155	4	**.320**	
681	9.681 180	14	9.738 029	18	0.261 971	9.943 151	4	319	
682	9.681 194	14	9.738 047	18	0.261 953	9.943 147	4	318	
683	9.681 208	14	9.738 065	18	0.261 935	9.943 142	5	317	
684	9.681 222	14	9.738 083	18	0.261 917	9.943 138	4	316	
685	9.681 236	14	9.738 101	18	0.261 899	9.943 134	4	315	
686	9.681 250	14	9.738 119	18	0.261 881	9.943 130	4	314	
687	9.681 263	13	9.738 137	18	0.261 863	9.943 126	4	313	
688	9.681 277	14	9.738 155	18	0.261 845	9.943 122	4	312	
689	9.681 291	14	9.738 173	18	0.261 827	9.943 118	4	311	
.690	9.681 305	14	9.738 191	18	0.261 809	9.943 113	5	**.310**	
691	9.681 319	14	9.738 209	18	0.261 791	9.943 109	4	309	
692	9.681 333	14	9.738 227	18	0.261 773	9.943 105	4	308	
693	9.681 346	13	9.738 245	18	0.261 755	9.943 101	4	307	
694	9.681 360	14	9.738 263	18	0.261 737	9.943 097	4	306	
695	9.681 374	14	9.738 281	18	0.261 719	9.943 093	4	305	
696	9.681 388	14	9.738 299	18	0.261 701	9.943 089	4	304	
697	9.681 402	14	9.738 317	18	0.261 683	9.943 084	5	303	
698	9.681 416	14	9.738 335	18	0.261 665	9.943 080	4	302	
699	9.681 430	14	9.738 353	18	0.261 647	9.943 076	4	301	
.700	9.681 443	13	9.738 371	18	0.261 629	9.943 072	4	**.300**	
	cos	d	cotg	d	tang	sin	d	**61°**	P.P.

	18
1	1.8
2	3.6
3	5.4
4	7.2
5	9.0
6	10.8
7	12.6
8	14.4
9	16.2

	14
1	1.4
2	2.8
3	4.2
4	5.6
5	7.0
6	8.4
7	9.8
8	11.2
9	12.6

	13
1	1.3
2	2.6
3	3.9
4	5.2
5	6.5
6	7.8
7	9.1
8	10.4
9	11.7

61°.350 — 61°.300

28°.700 — 28°.750

28°	sin	d	tang	d	cotg	cos	d		P.P.
.700	9.681 443	14	9.738 371	18	0.261 629	9.943 072	4	**.300**	
701	9.681 457	14	9.738 389	18	0.261 611	9.943 068	4	299	
702	9.681 471	14	9.738 407	18	0.261 593	9.943 064	4	298	
703	9.681 485	14	9.738 425	18	0.261 575	9.943 060	5	297	
704	9.681 499	14	9.738 443	18	0.261 557	9.943 055	4	296	
705	9.681 513	13	9.738 461	18	0.261 539	9.943 051	4	295	
706	9.681 526	14	9.738 479	18	0.261 521	9.943 047	4	294	
707	9.681 540	14	9.738 497	18	0.261 503	9.943 043	4	293	
708	9.681 554	14	9.738 515	18	0.261 485	9.943 039	4	292	
709	9.681 568	14	9.738 533	18	0.261 467	9.943 035	5	291	
.710	9.681 582	14	9.738 551	18	0.261 449	9.943 030	4	**.290**	
711	9.681 596	14	9.738 569	18	0.261 431	9.943 026	4	289	
712	9.681 610	14	9.738 587	18	0.261 413	9.943 022	4	288	
713	9.681 623	13	9.738 605	18	0.261 395	9.943 018	4	287	
714	9.681 637	14	9.738 623	18	0.261 377	9.943 014	4	286	
715	9.681 651	14	9.738 641	18	0.261 359	9.943 010	4	285	
716	9.681 665	14	9.738 659	18	0.261 341	9.943 006	5	284	
717	9.681 679	14	9.738 677	18	0.261 323	9.943 001	4	283	
718	9.681 693	14	9.738 695	18	0.261 305	9.942 997	4	282	
719	9.681 706	13	9.738 713	18	0.261 287	9.942 993	4	281	
.720	9.681 720	14	9.738 731	18	0.261 269	9.942 989	4	**.280**	
721	9.681 734	14	9.738 749	18	0.261 251	9.942 985	4	279	
722	9.681 748	14	9.738 767	18	0.261 233	9.942 981	4	278	
723	9.681 762	14	9.738 785	18	0.261 215	9.942 976	5	277	
724	9.681 776	14	9.738 803	18	0.261 197	9.942 972	4	276	
725	9.681 789	13	9.738 821	18	0.261 179	9.942 968	4	275	
726	9.681 803	14	9.738 839	18	0.261 161	9.942 964	4	274	
727	9.681 817	14	9.738 857	18	0.261 143	9.942 960	4	273	
728	9.681 831	14	9.738 875	18	0.261 125	9.942 956	4	272	
729	9.681 845	14	9.738 893	18	0.261 107	9.942 952	4	271	
.730	9.681 858	13	9.738 911	18	0.261 089	9.942 947	5	**.270**	
731	9.681 872	14	9.738 929	18	0.261 071	9.942 943	4	269	
732	9.681 886	14	9.738 947	18	0.261 053	9.942 939	4	268	
733	9.681 900	14	9.738 965	18	0.261 035	9.942 935	4	267	
734	9.681 914	14	9.738 983	18	0.261 017	9.942 931	4	266	
735	9.681 928	14	9.739 001	18	0.260 999	9.942 927	4	265	
736	9.681 941	13	9.739 019	18	0.260 981	9.942 922	5	264	
737	9.681 955	14	9.739 037	18	0.260 963	9.942 918	4	263	
738	9.681 969	14	9.739 055	18	0.260 945	9.942 914	4	262	
739	9.681 983	14	9.739 073	18	0.260 927	9.942 910	4	261	
.740	9.681 997	14	9.739 091	18	0.260 909	9.942 906	4	**.260**	
741	9.682 011	14	9.739 109	18	0.260 891	9.942 902	4	259	
742	9.682 024	13	9.739 127	18	0.260 873	9.942 898	4	258	
743	9.682 038	14	9.739 145	18	0.260 855	9.942 893	5	257	
744	9.682 052	14	9.739 163	18	0.260 837	9.942 889	4	256	
745	9.682 066	14	9.739 181	18	0.260 819	9.942 885	4	255	
746	9.682 080	14	9.739 199	18	0.260 801	9.942 881	4	254	
747	9.682 093	13	9.739 217	18	0.260 783	9.942 877	4	253	
748	9.682 107	14	9.739 235	18	0.260 765	9.942 873	4	252	
749	9.682 121	14	9.739 253	18	0.260 747	9.942 868	5	251	
.750	9.682 135	14	9.739 271	18	0.260 729	9.942 864	4	**.250**	
	cos	d	cotg	d	tang	sin	d	**61°**	P.P.

	18
1	1.8
2	3.6
3	5.4
4	7.2
5	9.0
6	10.8
7	12.6
8	14.4
9	16.2

	14
1	1.4
2	2.8
3	4.2
4	5.6
5	7.0
6	8.4
7	9.8
8	11.2
9	12.6

	13
1	1.3
2	2.6
3	3.9
4	5.2
5	6.5
6	7.8
7	9.1
8	10.4
9	11.7

61°.300 — 61°.250

28°.750 — 28°.800

28°	sin	d	tang	d	cotg	cos	d		P.P.
.750	9.682 135	14	9.739 271	18	0.260 729	9.942 864	4	.250	
751	9.682 149	14	9.739 289	18	0.260 711	9.942 860	4	249	
752	9.682 163	13	9.739 307	18	0.260 693	9.942 856	4	248	
753	9.682 176	14	9.739 325	18	0.260 675	9.942 852	4	247	
754	9.682 190	14	9.739 343	18	0.260 657	9.942 848	5	246	18
755	9.682 204	14	9.739 361	18	0.260 639	9.942 843	4	245	1 1.8
756	9.682 218	14	9.739 379	17	0.260 621	9.942 839	4	244	2 3.6
757	9.682 232	13	9.739 396	18	0.260 604	9.942 835	4	243	3 5.4
758	9.682 245	14	9.739 414	18	0.260 586	9.942 831	4	242	4 7.2
759	9.682 259	14	9.739 432	18	0.260 568	9.942 827	4	241	5 9.0
.760	9.682 273	14	9.739 450	18	0.260 550	9.942 823	4	.240	6 10.8
761	9.682 287	14	9.739 468	18	0.260 532	9.942 819	5	239	7 12.6
762	9.682 301	14	9.739 486	18	0.260 514	9.942 814	4	238	8 14.4
763	9.682 314	13	9.739 504	18	0.260 496	9.942 810	4	237	9 16.2
764	9.682 328	14	9.739 522	18	0.260 478	9.942 806	4	236	
765	9.682 342	14	9.739 540	18	0.260 460	9.942 802	4	235	17
766	9.682 356	14	9.739 558	18	0.260 442	9.942 798	4	234	1 1.7
767	9.682 370	14	9.739 576	18	0.260 424	9.942 794	5	233	2 3.4
768	9.682 384	14	9.739 594	18	0.260 406	9.942 789	4	232	3 5.1
769	9.682 397	13	9.739 612	18	0.260 388	9.942 785	4	231	4 6.8
.770	9.682 411	14	9.739 630	18	0.260 370	9.942 781	4	.230	5 8.5
771	9.682 425	14	9.739 648	18	0.260 352	9.942 777	4	229	6 10.2
772	9.682 439	14	9.739 666	18	0.260 334	9.942 773	4	228	7 11.9
773	9.682 453	13	9.739 684	18	0.260 316	9.942 769	5	227	8 13.6
774	9.682 466	14	9.739 702	18	0.260 298	9.942 764	4	226	9 15.3
775	9.682 480	14	9.739 720	18	0.260 280	9.942 760	4	225	
776	9.682 494	14	9.739 738	18	0.260 262	9.942 756	4	224	
777	9.682 508	14	9.739 756	18	0.260 244	9.942 752	4	223	14
778	9.682 522	13	9.739 774	18	0.260 226	9.942 748	4	222	1 1.4
779	9.682 535	14	9.739 792	18	0.260 208	9.942 744	5	221	2 2.8
.780	9.682 549	14	9.739 810	18	0.260 190	9.942 739	4	.220	3 4.2
781	9.682 563	14	9.739 828	18	0.260 172	9.942 735	4	219	4 5.6
782	9.682 577	14	9.739 846	18	0.260 154	9.942 731	4	218	5 7.0
783	9.682 591	13	9.739 864	18	0.260 136	9.942 727	4	217	6 8.4
784	9.682 604	14	9.739 882	18	0.260 118	9.942 723	4	216	7 9.8
785	9.682 618	14	9.739 900	18	0.260 100	9.942 719	5	215	8 11.2
786	9.682 632	14	9.739 918	17	0.260 082	9.942 714	4	214	9 12.6
787	9.682 646	14	9.739 935	18	0.260 065	9.942 710	4	213	
788	9.682 660	13	9.739 953	18	0.260 047	9.942 706	4	212	
789	9.682 673	14	9.739 971	18	0.260 029	9.942 702	4	211	13
.790	9.682 687	14	9.739 989	18	0.260 011	9.942 698	4	.210	1 1.3
791	9.682 701	14	9.740 007	18	0.259 993	9.942 694	5	209	2 2.6
792	9.682 715	14	9.740 025	18	0.259 975	9.942 689	4	208	3 3.9
793	9.682 729	13	9.740 043	18	0.259 957	9.942 685	4	207	4 5.2
794	9.682 742	14	9.740 061	18	0.259 939	9.942 681	4	206	5 6.5
795	9.682 756	14	9.740 079	18	0.259 921	9.942 677	4	205	6 7.8
796	9.682 770	14	9.740 097	18	0.259 903	9.942 673	4	204	7 9.1
797	9.682 784	13	9.740 115	18	0.259 885	9.942 669	5	203	8 10.4
798	9.682 797	14	9.740 133	18	0.259 867	9.942 664	4	202	9 11.7
799	9.682 811	14	9.740 151	18	0.259 849	9.942 660	4	201	
.800	9.682 825		9.740 169		0.259 831	9.942 656		.200	
	cos	d	cotg	d	tang	sin	d	61°	P.P.

61°.250 — 61°.200

28°.800 — 28°.850

28°	sin	d	tang	d	cotg	cos	d		P.P.
.800	9.682 825	14	9.740 169	18	0.259 831	9.942 656	4	.200	
801	9.682 839	14	9.740 187	18	0.259 813	9.942 652	4	199	
802	9.682 853	13	9.740 205	18	0.259 795	9.942 648	4	198	
803	9.682 866	14	9.740 223	18	0.259 777	9.942 644	5	197	
804	9.682 880	14	9.740 241	18	0.259 759	9.942 639	4	196	18
805	9.682 894	14	9.740 259	18	0.259 741	9.942 635	4	195	1 1.8
806	9.682 908	14	9.740 277	18	0.259 723	9.942 631	4	194	2 3.6
807	9.682 922	13	9.740 295	18	0.259 705	9.942 627	4	193	3 5.4
808	9.682 935	14	9.740 313	17	0.259 687	9.942 623	4	192	4 7.2
809	9.682 949	14	9.740 330	18	0.259 670	9.942 619	5	191	5 9.0
.810	9.682 963	14	9.740 348	18	0.259 652	9.942 614	4	.190	6 10.8
811	9.682 977	13	9.740 366	18	0.259 634	9.942 610	4	189	7 12.6
812	9.682 990	14	9.740 384	18	0.259 616	9.942 606	4	188	8 14.4
813	9.683 004	14	9.740 402	18	0.259 598	9.942 602	4	187	9 16.2
814	9.683 018	14	9.740 420	18	0.259 580	9.942 598	4	186	
815	9.683 032	14	9.740 438	18	0.259 562	9.942 594	5	185	17
816	9.683 046	13	9.740 456	18	0.259 544	9.942 589	4	184	1 1.7
817	9.683 059	14	9.740 474	18	0.259 526	9.942 585	4	183	2 3.4
818	9.683 073	14	9.740 492	18	0.259 508	9.942 581	4	182	3 5.1
819	9.683 087	14	9.740 510	18	0.259 490	9.942 577	4	181	4 6.8
.820	9.683 101	13	9.740 528	18	0.259 472	9.942 573	4	.180	5 8.5
821	9.683 114	14	9.740 546	18	0.259 454	9.942 569	5	179	6 10.2
822	9.683 128	14	9.740 564	18	0.259 436	9.942 564	4	178	7 11.9
823	9.683 142	14	9.740 582	18	0.259 418	9.942 560	4	177	8 13.6
824	9.683 156	14	9.740 600	18	0.259 400	9.942 556	4	176	9 15.3
825	9.683 170	13	9.740 618	18	0.259 382	9.942 552	4	175	
826	9.683 183	14	9.740 636	18	0.259 364	9.942 548	4	174	
827	9.683 197	14	9.740 654	17	0.259 346	9.942 544	5	173	14
828	9.683 211	14	9.740 671	18	0.259 329	9.942 539	4	172	1 1.4
829	9.683 225	13	9.740 689	18	0.259 311	9.942 535	4	171	2 2.8
.830	9.683 238	14	9.740 707	18	0.259 293	9.942 531	4	.170	3 4.2
831	9.683 252	14	9.740 725	18	0.259 275	9.942 527	4	169	4 5.6
832	9.683 266	14	9.740 743	18	0.259 257	9.942 523	4	168	5 7.0
833	9.683 280	13	9.740 761	18	0.259 239	9.942 519	5	167	6 8.4
834	9.683 293	14	9.740 779	18	0.259 221	9.942 514	4	166	7 9.8
835	9.683 307	14	9.740 797	18	0.259 203	9.942 510	4	165	8 11.2
836	9.683 321	14	9.740 815	18	0.259 185	9.942 506	4	164	9 12.6
837	9.683 335	14	9.740 833	18	0.259 167	9.942 502	4	163	
838	9.683 349	13	9.740 851	18	0.259 149	9.942 498	5	162	13
839	9.683 362	14	9.740 869	18	0.259 131	9.942 493	4	161	1 1.3
.840	9.683 376	14	9.740 887	18	0.259 113	9.942 489	4	.160	2 2.6
841	9.683 390	14	9.740 905	18	0.259 095	9.942 485	4	159	3 3.9
842	9.683 404	13	9.740 923	18	0.259 077	9.942 481	4	158	4 5.2
843	9.683 417	14	9.740 941	18	0.259 059	9.942 477	4	157	5 6.5
844	9.683 431	14	9.740 959	17	0.259 041	9.942 473	5	156	6 7.8
845	9.683 445	14	9.740 976	18	0.259 024	9.942 468	4	155	7 9.1
846	9.683 459	13	9.740 994	18	0.259 006	9.942 464	4	154	8 10.4
847	9.683 472	14	9.741 012	18	0.258 988	9.942 460	4	153	9 11.7
848	9.683 486	14	9.741 030	18	0.258 970	9.942 456	4	152	
849	9.683 500	14	9.741 048	18	0.258 952	9.942 452	4	151	
.850	9.683 514		9.741 066		0.258 934	9.942 448		.150	
	cos	d	cotg	d	tang	sin	d	61°	P.P.

61°.200 — 61°.150

28°.850 — 28°.900

28°	sin	d	tang	d	cotg	cos	d		P.P.
.850	9.683 514	13	9.741 066	18	0.258 934	9.942 448	5	**.150**	
851	9.683 527	14	9.741 084	18	0.258 916	9.942 443	4	149	
852	9.683 541	14	9.741 102	18	0.258 898	9.942 439	4	148	
853	9.683 555	14	9.741 120	18	0.258 880	9.942 435	4	147	
854	9.683 569	13	9.741 138	18	0.258 862	9.942 431	4	146	
855	9.683 582	14	9.741 156	18	0.258 844	9.942 427	5	145	
856	9.683 596	14	9.741 174	18	0.258 826	9.942 422	4	144	
857	9.683 610	14	9.741 192	18	0.258 808	9.942 418	4	143	
858	9.683 624	14	9.741 210	18	0.258 790	9.942 414	4	142	
859	9.683 638	13	9.741 228	17	0.258 772	9.942 410	4	141	
.860	9.683 651	14	9.741 245	18	0.258 755	9.942 406	4	**.140**	
861	9.683 665	14	9.741 263	18	0.258 737	9.942 402	5	139	
862	9.683 679	14	9.741 281	18	0.258 719	9.942 397	4	138	
863	9.683 693	13	9.741 299	18	0.258 701	9.942 393	4	137	
864	9.683 706	14	9.741 317	18	0.258 683	9.942 389	4	136	
865	9.683 720	14	9.741 335	18	0.258 665	9.942 385	4	135	
866	9.683 734	14	9.741 353	18	0.258 647	9.942 381	4	134	
867	9.683 748	13	9.741 371	18	0.258 629	9.942 377	5	133	
868	9.683 761	14	9.741 389	18	0.258 611	9.942 372	4	132	
869	9.683 775	14	9.741 407	18	0.258 593	9.942 368	4	131	
.870	9.683 789	14	9.741 425	18	0.258 575	9.942 364	4	**.130**	
871	9.683 803	13	9.741 443	18	0.258 557	9.942 360	4	129	
872	9.683 816	14	9.741 461	18	0.258 539	9.942 356	5	128	
873	9.683 830	14	9.741 479	17	0.258 521	9.942 351	4	127	
874	9.683 844	14	9.741 496	18	0.258 504	9.942 347	4	126	
875	9.683 858	13	9.741 514	18	0.258 486	9.942 343	4	125	
876	9.683 871	14	9.741 532	18	0.258 468	9.942 339	4	124	
877	9.683 885	14	9.741 550	18	0.258 450	9.942 335	4	123	
878	9.683 899	13	9.741 568	18	0.258 432	9.942 331	5	122	
879	9.683 912	14	9.741 586	18	0.258 414	9.942 326	4	121	
.880	9.683 926	14	9.741 604	18	0.258 396	9.942 322	4	**.120**	
881	9.683 940	14	9.741 622	18	0.258 378	9.942 318	4	119	
882	9.683 954	13	9.741 640	18	0.258 360	9.942 314	4	118	
883	9.683 967	14	9.741 658	18	0.258 342	9.942 310	5	117	
884	9.683 981	14	9.741 676	18	0.258 324	9.942 305	4	116	
885	9.683 995	14	9.741 694	18	0.258 306	9.942 301	4	115	
886	9.684 009	13	9.741 712	17	0.258 288	9.942 297	4	114	
887	9.684 022	14	9.741 729	18	0.258 271	9.942 293	4	113	
888	9.684 036	14	9.741 747	18	0.258 253	9.942 289	4	112	
889	9.684 050	14	9.741 765	18	0.258 235	9.942 285	5	111	
.890	9.684 064	13	9.741 783	18	0.258 217	9.942 280	4	**.110**	
891	9.684 077	14	9.741 801	18	0.258 199	9.942 276	4	109	
892	9.684 091	14	9.741 819	18	0.258 181	9.942 272	4	108	
893	9.684 105	14	9.741 837	18	0.258 163	9.942 268	4	107	
894	9.684 119	13	9.741 855	18	0.258 145	9.942 264	5	106	
895	9.684 132	14	9.741 873	18	0.258 127	9.942 259	4	105	
896	9.684 146	14	9.741 891	18	0.258 109	9.942 255	4	104	
897	9.684 160	14	9.741 909	18	0.258 091	9.942 251	4	103	
898	9.684 174	13	9.741 927	17	0.258 073	9.942 247	4	102	
899	9.684 187	14	9.741 944	18	0.258 056	9.942 243	4	101	
.900	9.684 201		9.741 962		0.258 038	9.942 239		**.100**	
	cos	d	cotg	d	tang	sin	d	61°	P.P.

	18
1	1.8
2	3.6
3	5.4
4	7.2
5	9.0
6	10.8
7	12.6
8	14.4
9	16.2

	17
1	1.7
2	3.4
3	5.1
4	6.8
5	8.5
6	10.2
7	11.9
8	13.6
9	15.3

	14
1	1.4
2	2.8
3	4.2
4	5.6
5	7.0
6	8.4
7	9.8
8	11.2
9	12.6

	13
1	1.3
2	2.6
3	3.9
4	5.2
5	6.5
6	7.8
7	9.1
8	10.4
9	11.7

61°.150 — 61°.100

28°.900 — 28°.950

28°	sin	d	tang	d	cotg	cos	d		P.P.
.900	9.684 201	14	9.741 962	18	0.258 038	9.942 239	5	**.100**	
901	9.684 215	13	9.741 980	18	0.258 020	9.942 234	4	099	
902	9.684 228	14	9.741 998	18	0.258 002	9.942 230	4	098	
903	9.684 242	14	9.742 016	18	0.257 984	9.942 226	4	097	
904	9.684 256	14	9.742 034	18	0.257 966	9.942 222	4	096	
905	9.684 270	13	9.742 052	18	0.257 948	9.942 218	5	095	
906	9.684 283	14	9.742 070	18	0.257 930	9.942 213	4	094	
907	9.684 297	14	9.742 088	18	0.257 912	9.942 209	4	093	
908	9.684 311	14	9.742 106	18	0.257 894	9.942 205	4	092	
909	9.684 325	13	9.742 124	18	0.257 876	9.942 201	4	091	
.910	9.684 338	14	9.742 142	17	0.257 858	9.942 197	4	**.090**	
911	9.684 352	14	9.742 159	18	0.257 841	9.942 193	5	089	
912	9.684 366	13	9.742 177	18	0.257 823	9.942 188	4	088	
913	9.684 379	14	9.742 195	18	0.257 805	9.942 184	4	087	
914	9.684 393	14	9.742 213	18	0.257 787	9.942 180	4	086	
915	9.684 407	14	9.742 231	18	0.257 769	9.942 176	4	085	
916	9.684 421	13	9.742 249	18	0.257 751	9.942 172	5	084	
917	9.684 434	14	9.742 267	18	0.257 733	9.942 167	4	083	
918	9.684 448	14	9.742 285	18	0.257 715	9.942 163	4	082	
919	9.684 462	13	9.742 303	18	0.257 697	9.942 159	4	081	
.920	9.684 475	14	9.742 321	18	0.257 679	9.942 155	4	**.080**	
921	9.684 489	14	9.742 339	17	0.257 661	9.942 151	5	079	
922	9.684 503	14	9.742 356	18	0.257 644	9.942 146	4	078	
923	9.684 517	13	9.742 374	18	0.257 626	9.942 142	4	077	
924	9.684 530	14	9.742 392	18	0.257 608	9.942 138	4	076	
925	9.684 544	14	9.742 410	18	0.257 590	9.942 134	4	075	
926	9.684 558	13	9.742 428	18	0.257 572	9.942 130	4	074	
927	9.684 571	14	9.742 446	18	0.257 554	9.942 126	5	073	
928	9.684 585	14	9.742 464	18	0.257 536	9.942 121	4	072	
929	9.684 599	14	9.742 482	18	0.257 518	9.942 117	4	071	
.930	9.684 613	13	9.742 500	18	0.257 500	9.942 113	4	**.070**	
931	9.684 626	14	9.742 518	17	0.257 482	9.942 109	4	069	
932	9.684 640	14	9.742 535	18	0.257 465	9.942 105	5	068	
933	9.684 654	13	9.742 553	18	0.257 447	9.942 100	4	067	
934	9.684 667	14	9.742 571	18	0.257 429	9.942 096	4	066	
935	9.684 681	14	9.742 589	18	0.257 411	9.942 092	4	065	
936	9.684 695	14	9.742 607	18	0.257 393	9.942 088	4	064	
937	9.684 709	13	9.742 625	18	0.257 375	9.942 084	5	063	
938	9.684 722	14	9.742 643	18	0.257 357	9.942 079	4	062	
939	9.684 736	14	9.742 661	18	0.257 339	9.942 075	4	061	
.940	9.684 750	13	9.742 679	18	0.257 321	9.942 071	4	**.060**	
941	9.684 763	14	9.742 697	18	0.257 303	9.942 067	4	059	
942	9.684 777	14	9.742 715	17	0.257 285	9.942 063	5	058	
943	9.684 791	14	9.742 732	18	0.257 268	9.942 058	4	057	
944	9.684 805	13	9.742 750	18	0.257 250	9.942 054	4	056	
945	9.684 818	14	9.742 768	18	0.257 232	9.942 050	4	055	
946	9.684 832	14	9.742 786	18	0.257 214	9.942 046	4	054	
947	9.684 846	13	9.742 804	18	0.257 196	9.942 042	4	053	
948	9.684 859	14	9.742 822	18	0.257 178	9.942 038	5	052	
949	9.684 873	14	9.742 840	18	0.257 160	9.942 033	4	051	
.950	9.684 887		9.742 858		0.257 142	9.942 029		**.050**	
	cos	d	cotg	d	tang	sin	d	**61°**	P.P.

	18
1	1.8
2	3.6
3	5.4
4	7.2
5	9.0
6	10.8
7	12.6
8	14.4
9	16.2

	17
1	1.7
2	3.4
3	5.1
4	6.8
5	8.5
6	10.2
7	11.9
8	13.6
9	15.3

	14
1	1.4
2	2.8
3	4.2
4	5.6
5	7.0
6	8.4
7	9.8
8	11.2
9	12.6

	13
1	1.3
2	2.6
3	3.9
4	5.2
5	6.5
6	7.8
7	9.1
8	10.4
9	11.7

61°.100 — 61°.050

28°.950 — 29°.000

28°	sin	d	tang	d	cotg	cos	d		P.P.
.950	9.684 887	14	9.742 858	18	0.257 142	9.942 029	4	**.050**	
951	9.684 901	13	9.742 876	17	0.257 124	9.942 025	4	049	
952	9.684 914	14	9.742 893	18	0.257 107	9.942 021	4	048	
953	9.684 928	14	9.742 911	18	0.257 089	9.942 017	5	047	
954	9.684 942	13	9.742 929	18	0.257 071	9.942 012	4	046	
955	9.684 955	14	9.742 947	18	0.257 053	9.942 008	4	045	
956	9.684 969	14	9.742 965	18	0.257 035	9.942 004	4	044	
957	9.684 983	13	9.742 983	18	0.257 017	9.942 000	4	043	
958	9.684 996	14	9.743 001	18	0.256 999	9.941 996	5	042	
959	9.685 010	14	9.743 019	18	0.256 981	9.941 991	4	041	
.960	9.685 024	13	9.743 037	18	0.256 963	9.941 987	4	**.040**	
961	9.685 037	14	9.743 055	17	0.256 945	9.941 983	4	039	
962	9.685 051	14	9.743 072	18	0.256 928	9.941 979	4	038	
963	9.685 065	14	9.743 090	18	0.256 910	9.941 975	5	037	
964	9.685 079	13	9.743 108	18	0.256 892	9.941 970	4	036	
965	9.685 092	14	9.743 126	18	0.256 874	9.941 966	4	035	
966	9.685 106	14	9.743 144	18	0.256 856	9.941 962	4	034	
967	9.685 120	13	9.743 162	18	0.256 838	9.941 958	4	033	
968	9.685 133	14	9.743 180	18	0.256 820	9.941 954	5	032	
969	9.685 147	14	9.743 198	18	0.256 802	9.941 949	4	031	
.970	9.685 161	13	9.743 216	17	0.256 784	9.941 945	4	**.030**	
971	9.685 174	14	9.743 233	18	0.256 767	9.941 941	4	029	
972	9.685 188	14	9.743 251	18	0.256 749	9.941 937	4	028	
973	9.685 202	14	9.743 269	18	0.256 731	9.941 933	5	027	
974	9.685 216	13	9.743 287	18	0.256 713	9.941 928	4	026	
975	9.685 229	14	9.743 305	18	0.256 695	9.941 924	4	025	
976	9.685 243	14	9.743 323	18	0.256 677	9.941 920	4	024	
977	9.685 257	13	9.743 341	18	0.256 659	9.941 916	4	023	
978	9.685 270	14	9.743 359	17	0.256 641	9.941 912	5	022	
979	9.685 284	14	9.743 376	18	0.256 624	9.941 907	4	021	
.980	9.685 298	13	9.743 394	18	0.256 606	9.941 903	4	**.020**	
981	9.685 311	14	9.743 412	18	0.256 588	9.941 899	4	019	
982	9.685 325	14	9.743 430	18	0.256 570	9.941 895	4	018	
983	9.685 339	13	9.743 448	18	0.256 552	9.941 891	5	017	
984	9.685 352	14	9.743 466	18	0.256 534	9.941 886	4	016	
985	9.685 366	14	9.743 484	18	0.256 516	9.941 882	4	015	
986	9.685 380	13	9.743 502	18	0.256 498	9.941 878	4	014	
987	9.685 393	14	9.743 520	17	0.256 480	9.941 874	4	013	
988	9.685 407	14	9.743 537	18	0.256 463	9.941 870	5	012	
989	9.685 421	13	9.743 555	18	0.256 445	9.941 865	4	011	
.990	9.685 434	14	9.743 573	18	0.256 427	9.941 861	4	**.010**	
991	9.685 448	14	9.743 591	18	0.256 409	9.941 857	4	009	
992	9.685 462	13	9.743 609	18	0.256 391	9.941 853	4	008	
993	9.685 475	14	9.743 627	18	0.256 373	9.941 849	5	007	
994	9.685 489	14	9.743 645	18	0.256 355	9.941 844	4	006	
995	9.685 503	14	9.743 663	17	0.256 337	9.941 840	4	005	
996	9.685 517	13	9.743 680	18	0.256 320	9.941 836	4	004	
997	9.685 530	14	9.743 698	18	0.256 302	9.941 832	4	003	
998	9.685 544	14	9.743 716	18	0.256 284	9.941 828	5	002	
999	9.685 558	13	9.743 734	18	0.256 266	9.941 823	4	001	
*000	9.685 571		9.743 752		0.256 248	9.941 819		**.000**	
	cos	d	cotg	d	tang	sin	d	61°	P.P.

	18
1	1.8
2	3.6
3	5.4
4	7.2
5	9.0
6	10.8
7	12.6
8	14.4
9	16.2

	17
1	1.7
2	3.4
3	5.1
4	6.8
5	8.5
6	10.2
7	11.9
8	13.6
9	15.3

	14
1	1.4
2	2.8
3	4.2
4	5.6
5	7.0
6	8.4
7	9.8
8	11.2
9	12.6

	13
1	1.3
2	2.6
3	3.9
4	5.2
5	6.5
6	7.8
7	9.1
8	10.4
9	11.7

61°.050 — 61°.000

29°.000 — 29°.050

29°	sin	d	tang	d	cotg	cos	d		P.P.
.000	9.685 571	14	9.743 752	18	0.256 248	9.941 819	4	***000**	
001	9.685 585	14	9.743 770	18	0.256 230	9.941 815	4	999	
002	9.685 599	13	9.743 788	18	0.256 212	9.941 811	4	998	
003	9.685 612	14	9.743 806	17	0.256 194	9.941 807	5	997	
004	9.685 626	14	9.743 823	18	0.256 177	9.941 802	4	996	
005	9.685 640	13	9.743 841	18	0.256 159	9.941 798	4	995	
006	9.685 653	14	9.743 859	18	0.256 141	9.941 794	4	994	
007	9.685 667	14	9.743 877	18	0.256 123	9.941 790	4	993	
008	9.685 681	13	9.743 895	18	0.256 105	9.941 786	5	992	
009	9.685 694	14	9.743 913	18	0.256 087	9.941 781	4	991	
.010	9.685 708	14	9.743 931	18	0.256 069	9.941 777	4	**.990**	
011	9.685 722	13	9.743 949	17	0.256 051	9.941 773	4	989	
012	9.685 735	14	9.743 966	18	0.256 034	9.941 769	4	988	
013	9.685 749	14	9.743 984	18	0.256 016	9.941 765	5	987	
014	9.685 763	13	9.744 002	18	0.255 998	9.941 760	4	986	
015	9.685 776	14	9.744 020	18	0.255 980	9.941 756	4	985	
016	9.685 790	14	9.744 038	18	0.255 962	9.941 752	4	984	
017	9.685 804	13	9.744 056	18	0.255 944	9.941 748	4	983	
018	9.685 817	14	9.744 074	18	0.255 926	9.941 744	5	982	
019	9.685 831	14	9.744 092	17	0.255 908	9.941 739	4	981	
.020	9.685 845	13	9.744 109	18	0.255 891	9.941 735	4	**.980**	
021	9.685 858	14	9.744 127	18	0.255 873	9.941 731	4	979	
022	9.685 872	14	9.744 145	18	0.255 855	9.941 727	4	978	
023	9.685 886	13	9.744 163	18	0.255 837	9.941 723	5	977	
024	9.685 899	14	9.744 181	18	0.255 819	9.941 718	4	976	
025	9.685 913	14	9.744 199	18	0.255 801	9.941 714	4	975	
026	9.685 927	13	9.744 217	17	0.255 783	9.941 710	4	974	
027	9.685 940	14	9.744 234	18	0.255 766	9.941 706	4	973	
028	9.685 954	14	9.744 252	18	0.255 748	9.941 702	5	972	
029	9.685 968	13	9.744 270	18	0.255 730	9.941 697	4	971	
.030	9.685 981	14	9.744 288	18	0.255 712	9.941 693	4	**.970**	
031	9.685 995	14	9.744 306	18	0.255 694	9.941 689	4	969	
032	9.686 009	13	9.744 324	18	0.255 676	9.941 685	4	968	
033	9.686 022	14	9.744 342	18	0.255 658	9.941 681	5	967	
034	9.686 036	13	9.744 360	17	0.255 640	9.941 676	4	966	
035	9.686 049	14	9.744 377	18	0.255 623	9.941 672	4	965	
036	9.686 063	14	9.744 395	18	0.255 605	9.941 668	4	964	
037	9.686 077	13	9.744 413	18	0.255 587	9.941 664	5	963	
038	9.686 090	14	9.744 431	18	0.255 569	9.941 659	4	962	
039	9.686 104	14	9.744 449	18	0.255 551	9.941 655	4	961	
.040	9.686 118	13	9.744 467	18	0.255 533	9.941 651	4	**.960**	
041	9.686 131	14	9.744 485	17	0.255 515	9.941 647	4	959	
042	9.686 145	14	9.744 502	18	0.255 498	9.941 643	5	958	
043	9.686 159	13	9.744 520	18	0.255 480	9.941 638	4	957	
044	9.686 172	14	9.744 538	18	0.255 462	9.941 634	4	956	
045	9.686 186	14	9.744 556	18	0.255 444	9.941 630	4	955	
046	9.686 200	13	9.744 574	18	0.255 426	9.941 626	4	954	
047	9.686 213	14	9.744 592	18	0.255 408	9.941 622	5	953	
048	9.686 227	14	9.744 610	17	0.255 390	9.941 617	4	952	
049	9.686 241	13	9.744 627	18	0.255 373	9.941 613	4	951	
.050	9.686 254		9.744 645		0.255 355	9.941 609		**.950**	
	cos	d	cotg	d	tang	sin	d	**60°**	P.P.

	18
1	1.8
2	3.6
3	5.4
4	7.2
5	9.0
6	10.8
7	12.6
8	14.4
9	16.2

	17
1	1.7
2	3.4
3	5.1
4	6.8
5	8.5
6	10.2
7	11.9
8	13.6
9	15.3

	14
1	1.4
2	2.8
3	4.2
4	5.6
5	7.0
6	8.4
7	9.8
8	11.2
9	12.6

	13
1	1.3
2	2.6
3	3.9
4	5.2
5	6.5
6	7.8
7	9.1
8	10.4
9	11.7

61°.000 — 60°.950

29°.050 — 29°.100

29°	sin	d	tang	d	cotg	cos	d		P.P.
.050	9.686 254	14	9.744 645	18	0.255 355	9.941 609	4	**.950**	
051	9.686 268	14	9.744 663	18	0.255 337	9.941 605	4	949	
052	9.686 282	13	9.744 681	18	0.255 319	9.941 601	5	948	
053	9.686 295	14	9.744 699	18	0.255 301	9.941 596	4	947	
054	9.686 309	13	9.744 717	18	0.255 283	9.941 592	4	946	
055	9.686 322	14	9.744 735	17	0.255 265	9.941 588	4	945	
056	9.686 336	14	9.744 752	18	0.255 248	9.941 584	5	944	
057	9.686 350	13	9.744 770	18	0.255 230	9.941 579	4	943	
058	9.686 363	14	9.744 788	18	0.255 212	9.941 575	4	942	
059	9.686 377	14	9.744 806	18	0.255 194	9.941 571	4	941	
.060	9.686 391	13	9.744 824	18	0.255 176	9.941 567	4	**.940**	
061	9.686 404	14	9.744 842	18	0.255 158	9.941 563	5	939	
062	9.686 418	14	9.744 860	17	0.255 140	9.941 558	4	938	
063	9.686 432	13	9.744 877	18	0.255 123	9.941 554	4	937	
064	9.686 445	14	9.744 895	18	0.255 105	9.941 550	4	936	
065	9.686 459	14	9.744 913	18	0.255 087	9.941 546	4	935	
066	9.686 473	13	9.744 931	18	0.255 069	9.941 542	5	934	
067	9.686 486	14	9.744 949	18	0.255 051	9.941 537	4	933	
068	9.686 500	13	9.744 967	17	0.255 033	9.941 533	4	932	
069	9.686 513	14	9.744 984	18	0.255 016	9.941 529	4	931	
.070	9.686 527	14	9.745 002	18	0.254 998	9.941 525	4	**.930**	
071	9.686 541	13	9.745 020	18	0.254 980	9.941 521	5	929	
072	9.686 554	14	9.745 038	18	0.254 962	9.941 516	4	928	
073	9.686 568	14	9.745 056	18	0.254 944	9.941 512	4	927	
074	9.686 582	13	9.745 074	18	0.254 926	9.941 508	4	926	
075	9.686 595	14	9.745 092	17	0.254 908	9.941 504	5	925	
076	9.686 609	13	9.745 109	18	0.254 891	9.941 499	4	924	
077	9.686 622	14	9.745 127	18	0.254 873	9.941 495	4	923	
078	9.686 636	14	9.745 145	18	0.254 855	9.941 491	4	922	
079	9.686 650	13	9.745 163	18	0.254 837	9.941 487	4	921	
.080	9.686 663	14	9.745 181	18	0.254 819	9.941 483	5	**.920**	
081	9.686 677	14	9.745 199	17	0.254 801	9.941 478	4	919	
082	9.686 691	13	9.745 216	18	0.254 784	9.941 474	4	918	
083	9.686 704	14	9.745 234	18	0.254 766	9.941 470	4	917	
084	9.686 718	14	9.745 252	18	0.254 748	9.941 466	5	916	
085	9.686 732	13	9.745 270	18	0.254 730	9.941 461	4	915	
086	9.686 745	14	9.745 288	18	0.254 712	9.941 457	4	914	
087	9.686 759	13	9.745 306	18	0.254 694	9.941 453	4	913	
088	9.686 772	14	9.745 324	17	0.254 676	9.941 449	4	912	
089	9.686 786	14	9.745 341	18	0.254 659	9.941 445	5	911	
.090	9.686 800	13	9.745 359	18	0.254 641	9.941 440	4	**.910**	
091	9.686 813	14	9.745 377	18	0.254 623	9.941 436	4	909	
092	9.686 827	14	9.745 395	18	0.254 605	9.941 432	4	908	
093	9.686 841	13	9.745 413	18	0.254 587	9.941 428	4	907	
094	9.686 854	14	9.745 431	17	0.254 569	9.941 424	5	906	
095	9.686 868	13	9.745 448	18	0.254 552	9.941 419	4	905	
096	9.686 881	14	9.745 466	18	0.254 534	9.941 415	4	904	
097	9.686 895	14	9.745 484	18	0.254 516	9.941 411	4	903	
098	9.686 909	13	9.745 502	18	0.254 498	9.941 407	5	902	
099	9.686 922	14	9.745 520	18	0.254 480	9.941 402	4	901	
.100	9.686 936		9.745 538		0.254 462	9.941 398		**.900**	
	cos	d	cotg	d	tang	sin	d	**60°**	P.P.

	18
1	1.8
2	3.6
3	5.4
4	7.2
5	9.0
6	10.8
7	12.6
8	14.4
9	16.2

	17
1	1.7
2	3.4
3	5.1
4	6.8
5	8.5
6	10.2
7	11.9
8	13.6
9	15.3

	14
1	1.4
2	2.8
3	4.2
4	5.6
5	7.0
6	8.4
7	9.8
8	11.2
9	12.6

	13
1	1.3
2	2.6
3	3.9
4	5.2
5	6.5
6	7.8
7	9.1
8	10.4
9	11.7

60°.950 — 60°.900

29°.100 — 29°.150

29°	sin	d	tang	d	cotg	cos	d		P.P.
.100	9.686 936	13	9.745 538	17	0.254 462	9.941 398	4	.900	
101	9.686 949	14	9.745 555	18	0.254 445	9.941 394	4	899	
102	9.686 963	14	9.745 573	18	0.254 427	9.941 390	4	898	
103	9.686 977	13	9.745 591	18	0.254 409	9.941 386	5	897	
104	9.686 990	14	9.745 609	18	0.254 391	9.941 381	4	896	18
105	9.687 004	14	9.745 627	18	0.254 373	9.941 377	4	895	1 1.8
106	9.687 018	13	9.745 645	17	0.254 355	9.941 373	4	894	2 3.6
107	9.687 031	14	9.745 662	18	0.254 338	9.941 369	5	893	3 5.4
108	9.687 045	13	9.745 680	18	0.254 320	9.941 364	4	892	4 7.2
109	9.687 058	14	9.745 698	18	0.254 302	9.941 360	4	891	5 9.0
.110	9.687 072	14	9.745 716	18	0.254 284	9.941 356	4	.890	6 10.8
111	9.687 086	13	9.745 734	18	0.254 266	9.941 352	4	889	7 12.6
112	9.687 099	14	9.745 752	17	0.254 248	9.941 348	5	888	8 14.4
113	9.687 113	13	9.745 769	18	0.254 231	9.941 343	4	887	9 16.2
114	9.687 126	14	9.745 787	18	0.254 213	9.941 339	4	886	
115	9.687 140	14	9.745 805	18	0.254 195	9.941 335	4	885	17
116	9.687 154	13	9.745 823	18	0.254 177	9.941 331	5	884	1 1.7
117	9.687 167	14	9.745 841	18	0.254 159	9.941 326	4	883	2 3.4
118	9.687 181	14	9.745 859	17	0.254 141	9.941 322	4	882	3 5.1
119	9.687 195	13	9.745 876	18	0.254 124	9.941 318	4	881	4 6.8
.120	9.687 208	14	9.745 894	18	0.254 106	9.941 314	4	.880	5 8.5
121	9.687 222	13	9.745 912	18	0.254 088	9.941 310	5	879	6 10.2
122	9.687 235	14	9.745 930	18	0.254 070	9.941 305	4	878	7 11.9
123	9.687 249	14	9.745 948	18	0.254 052	9.941 301	4	877	8 13.6
124	9.687 263	13	9.745 966	17	0.254 034	9.941 297	4	876	9 15.3
125	9.687 276	14	9.745 983	18	0.254 017	9.941 293	5	875	
126	9.687 290	13	9.746 001	18	0.253 999	9.941 288	4	874	
127	9.687 303	14	9.746 019	18	0.253 981	9.941 284	4	873	14
128	9.687 317	14	9.746 037	18	0.253 963	9.941 280	4	872	1 1.4
129	9.687 331	13	9.746 055	18	0.253 945	9.941 276	4	871	2 2.8
.130	9.687 344	14	9.746 073	17	0.253 927	9.941 272	5	.870	3 4.2
131	9.687 358	13	9.746 090	18	0.253 910	9.941 267	4	869	4 5.6
132	9.687 371	14	9.746 108	18	0.253 892	9.941 263	4	868	5 7.0
133	9.687 385	14	9.746 126	18	0.253 874	9.941 259	4	867	6 8.4
134	9.687 399	13	9.746 144	18	0.253 856	9.941 255	5	866	7 9.8
135	9.687 412	14	9.746 162	18	0.253 838	9.941 250	4	865	8 11.2
136	9.687 426	13	9.746 180	17	0.253 820	9.941 246	4	864	9 12.6
137	9.687 439	14	9.746 197	18	0.253 803	9.941 242	4	863	
138	9.687 453	14	9.746 215	18	0.253 785	9.941 238	4	862	
139	9.687 467	13	9.746 233	18	0.253 767	9.941 234	5	861	13
.140	9.687 480	14	9.746 251	18	0.253 749	9.941 229	4	.860	1 1.3
141	9.687 494	13	9.746 269	17	0.253 731	9.941 225	4	859	2 2.6
142	9.687 507	14	9.746 286	18	0.253 714	9.941 221	4	858	3 3.9
143	9.687 521	14	9.746 304	18	0.253 696	9.941 217	5	857	4 5.2
144	9.687 535	13	9.746 322	18	0.253 678	9.941 212	4	856	5 6.5
145	9.687 548	14	9.746 340	18	0.253 660	9.941 208	4	855	6 7.8
146	9.687 562	13	9.746 358	18	0.253 642	9.941 204	4	854	7 9.1
147	9.687 575	14	9.746 376	17	0.253 624	9.941 200	4	853	8 10.4
148	9.687 589	13	9.746 393	18	0.253 607	9.941 196	5	852	9 11.7
149	9.687 602	14	9.746 411	18	0.253 589	9.941 191	4	851	
.150	9.687 616		9.746 429		0.253 571	9.941 187		.850	
	cos	d	cotg	d	tang	sin	d	60°	P.P.

60°.900 — 60°.850

29°.150 — 29°.200

29°	sin	d	tang	d	cotg	cos	d		P.P.
.150	9.687 616	14	9.746 429	18	0.253 571	9.941 187	4	.850	
151	9.687 630	13	9.746 447	18	0.253 553	9.941 183	4	849	
152	9.687 643	14	9.746 465	17	0.253 535	9.941 179	5	848	
153	9.687 657	13	9.746 482	18	0.253 518	9.941 174	4	847	
154	9.687 670	14	9.746 500	18	0.253 500	9.941 170	4	846	18
155	9.687 684	14	9.746 518	18	0.253 482	9.941 166	4	845	1 1.8
156	9.687 698	13	9.746 536	18	0.253 464	9.941 162	5	844	2 3.6
157	9.687 711	14	9.746 554	18	0.253 446	9.941 157	4	843	3 5.4
158	9.687 725	13	9.746 572	17	0.253 428	9.941 153	4	842	4 7.2
159	9.687 738	14	9.746 589	18	0.253 411	9.941 149	4	841	5 9.0
.160	9.687 752	14	9.746 607	18	0.253 393	9.941 145	4	.840	6 10.8
161	9.687 766	13	9.746 625	18	0.253 375	9.941 141	5	839	7 12.6
162	9.687 779	14	9.746 643	18	0.253 357	9.941 136	4	838	8 14.4
163	9.687 793	13	9.746 661	17	0.253 339	9.941 132	4	837	9 16.2
164	9.687 806	14	9.746 678	18	0.253 322	9.941 128	4	836	
165	9.687 820	13	9.746 696	18	0.253 304	9.941 124	5	835	17
166	9.687 833	14	9.746 714	18	0.253 286	9.941 119	4	834	1 1.7
167	9.687 847	14	9.746 732	18	0.253 268	9.941 115	4	833	2 3.4
168	9.687 861	13	9.746 750	17	0.253 250	9.941 111	4	832	3 5.1
169	9.687 874	14	9.746 767	18	0.253 233	9.941 107	5	831	4 6.8
.170	9.687 888	13	9.746 785	18	0.253 215	9.941 102	4	.830	5 8.5
171	9.687 901	14	9.746 803	18	0.253 197	9.941 098	4	829	6 10.2
172	9.687 915	14	9.746 821	18	0.253 179	9.941 094	4	828	7 11.9
173	9.687 929	13	9.746 839	18	0.253 161	9.941 090	4	827	8 13.6
174	9.687 942	14	9.746 857	17	0.253 143	9.941 086	5	826	9 15.3
175	9.687 956	13	9.746 874	18	0.253 126	9.941 081	4	825	
176	9.687 969	14	9.746 892	18	0.253 108	9.941 077	4	824	
177	9.687 983	13	9.746 910	18	0.253 090	9.941 073	4	823	14
178	9.687 996	14	9.746 928	18	0.253 072	9.941 069	5	822	1 1.4
179	9.688 010	14	9.746 946	17	0.253 054	9.941 064	4	821	2 2.8
.180	9.688 024	13	9.746 963	18	0.253 037	9.941 060	4	.820	3 4.2
181	9.688 037	14	9.746 981	18	0.253 019	9.941 056	4	819	4 5.6
182	9.688 051	13	9.746 999	18	0.253 001	9.941 052	5	818	5 7.0
183	9.688 064	14	9.747 017	18	0.252 983	9.941 047	4	817	6 8.4
184	9.688 078	13	9.747 035	17	0.252 965	9.941 043	4	816	7 9.8
185	9.688 091	14	9.747 052	18	0.252 948	9.941 039	4	815	8 11.2
186	9.688 105	14	9.747 070	18	0.252 930	9.941 035	4	814	9 12.6
187	9.688 119	13	9.747 088	18	0.252 912	9.941 031	5	813	
188	9.688 132	14	9.747 106	18	0.252 894	9.941 026	4	812	
189	9.688 146	13	9.747 124	17	0.252 876	9.941 022	4	811	13
.190	9.688 159	14	9.747 141	18	0.252 859	9.941 018	4	.810	1 1.3
191	9.688 173	13	9.747 159	18	0.252 841	9.941 014	5	809	2 2.6
192	9.688 186	14	9.747 177	18	0.252 823	9.941 009	4	808	3 3.9
193	9.688 200	14	9.747 195	18	0.252 805	9.941 005	4	807	4 5.2
194	9.688 214	13	9.747 213	17	0.252 787	9.941 001	4	806	5 6.5
195	9.688 227	14	9.747 230	18	0.252 770	9.940 997	5	805	6 7.8
196	9.688 241	13	9.747 248	18	0.252 752	9.940 992	4	804	7 9.1
197	9.688 254	14	9.747 266	18	0.252 734	9.940 988	4	803	8 10.4
198	9.688 268	13	9.747 284	18	0.252 716	9.940 984	4	802	9 11.7
199	9.688 281	14	9.747 302	17	0.252 698	9.940 980	5	801	
.200	9.688 295		9.747 319		0.252 681	9.940 975		.800	
	cos	d	cotg	d	tang	sin	d	60°	P.P.

60°.850 — 60°.800

29°.200 — 29°.250

29°	sin	d	tang	d	cotg	cos	d		P.P.
.200	9.688 295	13	9.747 319	18	0.252 681	9.940 975	4	**.800**	
201	9.688 308	14	9.747 337	18	0.252 663	9.940 971	4	799	
202	9.688 322	14	9.747 355	18	0.252 645	9.940 967	4	798	
203	9.688 336	13	9.747 373	18	0.252 627	9.940 963	4	797	
204	9.688 349	14	9.747 391	17	0.252 609	9.940 959	5	796	
205	9.688 363	13	9.747 408	18	0.252 592	9.940 954	4	795	
206	9.688 376	14	9.747 426	18	0.252 574	9.940 950	4	794	
207	9.688 390	13	9.747 444	18	0.252 556	9.940 946	4	793	
208	9.688 403	14	9.747 462	18	0.252 538	9.940 942	5	792	
209	9.688 417	14	9.747 480	17	0.252 520	9.940 937	4	791	
.210	9.688 431	13	9.747 497	18	0.252 503	9.940 933	4	**.790**	
211	9.688 444	14	9.747 515	18	0.252 485	9.940 929	4	789	
212	9.688 458	13	9.747 533	18	0.252 467	9.940 925	5	788	
213	9.688 471	14	9.747 551	18	0.252 449	9.940 920	4	787	
214	9.688 485	13	9.747 569	17	0.252 431	9.940 916	4	786	
215	9.688 498	14	9.747 586	18	0.252 414	9.940 912	4	785	
216	9.688 512	13	9.747 604	18	0.252 396	9.940 908	5	784	
217	9.688 525	14	9.747 622	18	0.252 378	9.940 903	4	783	
218	9.688 539	13	9.747 640	18	0.252 360	9.940 899	4	782	
219	9.688 552	14	9.747 658	17	0.252 342	9.940 895	4	781	
.220	9.688 566	14	9.747 675	18	0.252 325	9.940 891	5	**.780**	
221	9.688 580	13	9.747 693	18	0.252 307	9.940 886	4	779	
222	9.688 593	14	9.747 711	18	0.252 289	9.940 882	4	778	
223	9.688 607	13	9.747 729	17	0.252 271	9.940 878	4	777	
224	9.688 620	14	9.747 746	18	0.252 254	9.940 874	4	776	
225	9.688 634	13	9.747 764	18	0.252 236	9.940 870	5	775	
226	9.688 647	14	9.747 782	18	0.252 218	9.940 865	4	774	
227	9.688 661	13	9.747 800	18	0.252 200	9.940 861	4	773	
228	9.688 674	14	9.747 818	17	0.252 182	9.940 857	4	772	
229	9.688 688	14	9.747 835	18	0.252 165	9.940 853	5	771	
.230	9.688 702	13	9.747 853	18	0.252 147	9.940 848	4	**.770**	
231	9.688 715	14	9.747 871	18	0.252 129	9.940 844	4	769	
232	9.688 729	13	9.747 889	18	0.252 111	9.940 840	4	768	
233	9.688 742	14	9.747 907	17	0.252 093	9.940 836	5	767	
234	9.688 756	13	9.747 924	18	0.252 076	9.940 831	4	766	
235	9.688 769	14	9.747 942	18	0.252 058	9.940 827	4	765	
236	9.688 783	13	9.747 960	18	0.252 040	9.940 823	4	764	
237	9.688 796	14	9.747 978	18	0.252 022	9.940 819	5	763	
238	9.688 810	13	9.747 996	17	0.252 004	9.940 814	4	762	
239	9.688 823	14	9.748 013	18	0.251 987	9.940 810	4	761	
.240	9.688 837	14	9.748 031	18	0.251 969	9.940 806	4	**.760**	
241	9.688 851	13	9.748 049	18	0.251 951	9.940 802	5	759	
242	9.688 864	14	9.748 067	17	0.251 933	9.940 797	4	758	
243	9.688 878	13	9.748 084	18	0.251 916	9.940 793	4	757	
244	9.688 891	14	9.748 102	18	0.251 898	9.940 789	4	756	
245	9.688 905	13	9.748 120	18	0.251 880	9.940 785	5	755	
246	9.688 918	14	9.748 138	18	0.251 862	9.940 780	4	754	
247	9.688 932	13	9.748 156	17	0.251 844	9.940 776	4	753	
248	9.688 945	14	9.748 173	18	0.251 827	9.940 772	4	752	
249	9.688 959	13	9.748 191	18	0.251 809	9.940 768	5	751	
.250	9.688 972		9.748 209		0.251 791	9.940 763		**.750**	
	cos	d	cotg	d	tang	sin	d	60°	P.P.

	18
1	1.8
2	3.6
3	5.4
4	7.2
5	9.0
6	10.8
7	12.6
8	14.4
9	16.2

	17
1	1.7
2	3.4
3	5.1
4	6.8
5	8.5
6	10.2
7	11.9
8	13.6
9	15.3

	14
1	1.4
2	2.8
3	4.2
4	5.6
5	7.0
6	8.4
7	9.8
8	11.2
9	12.6

	13
1	1.3
2	2.6
3	3.9
4	5.2
5	6.5
6	7.8
7	9.1
8	10.4
9	11.7

60°.800 — 60°.750

29°.250 — 29°.300

29°	sin	d	tang	d	cotg	cos	d		P.P.
.250	9.688 972	14	9.748 209	18	0.251 791	9.940 763	4	**.750**	
251	9.688 986	13	9.748 227	17	0.251 773	9.940 759	4	749	
252	9.688 999	14	9.748 244	18	0.251 756	9.940 755	4	748	
253	9.689 013	13	9.748 262	18	0.251 738	9.940 751	5	747	
254	9.689 026	14	9.748 280	18	0.251 720	9.940 746	4	746	
255	9.689 040	14	9.748 298	18	0.251 702	9.940 742	4	745	
256	9.689 054	13	9.748 316	17	0.251 684	9.940 738	4	744	
257	9.689 067	14	9.748 333	18	0.251 667	9.940 734	5	743	
258	9.689 081	13	9.748 351	18	0.251 649	9.940 729	4	742	
259	9.689 094	14	9.748 369	18	0.251 631	9.940 725	4	741	
.260	9.689 108	13	9.748 387	17	0.251 613	9.940 721	4	**.740**	
261	9.689 121	14	9.748 404	18	0.251 596	9.940 717	5	739	
262	9.689 135	13	9.748 422	18	0.251 578	9.940 712	4	738	
263	9.689 148	14	9.748 440	18	0.251 560	9.940 708	4	737	
264	9.689 162	13	9.748 458	18	0.251 542	9.940 704	4	736	
265	9.689 175	14	9.748 476	17	0.251 524	9.940 700	4	735	
266	9.689 189	13	9.748 493	18	0.251 507	9.940 696	5	734	
267	9.689 202	14	9.748 511	18	0.251 489	9.940 691	4	733	
268	9.689 216	13	9.748 529	18	0.251 471	9.940 687	4	732	
269	9.689 229	14	9.748 547	17	0.251 453	9.940 683	4	731	
.270	9.689 243	13	9.748 564	18	0.251 436	9.940 679	5	**.730**	
271	9.689 256	14	9.748 582	18	0.251 418	9.940 674	4	729	
272	9.689 270	13	9.748 600	18	0.251 400	9.940 670	4	728	
273	9.689 283	14	9.748 618	17	0.251 382	9.940 666	4	727	
274	9.689 297	14	9.748 635	18	0.251 365	9.940 662	5	726	
275	9.689 311	13	9.748 653	18	0.251 347	9.940 657	4	725	
276	9.689 324	14	9.748 671	18	0.251 329	9.940 653	4	724	
277	9.689 338	13	9.748 689	18	0.251 311	9.940 649	4	723	
278	9.689 351	14	9.748 707	17	0.251 293	9.940 645	5	722	
279	9.689 365	13	9.748 724	18	0.251 276	9.940 640	4	721	
.280	9.689 378	14	9.748 742	18	0.251 258	9.940 636	4	**.720**	
281	9.689 392	13	9.748 760	18	0.251 240	9.940 632	4	719	
282	9.689 405	14	9.748 778	17	0.251 222	9.940 628	5	718	
283	9.689 419	13	9.748 795	18	0.251 205	9.940 623	4	717	
284	9.689 432	14	9.748 813	18	0.251 187	9.940 619	4	716	
285	9.689 446	13	9.748 831	18	0.251 169	9.940 615	4	715	
286	9.689 459	14	9.748 849	17	0.251 151	9.940 611	5	714	
287	9.689 473	13	9.748 866	18	0.251 134	9.940 606	4	713	
288	9.689 486	14	9.748 884	18	0.251 116	9.940 602	4	712	
289	9.689 500	13	9.748 902	18	0.251 098	9.940 598	4	711	
.290	9.689 513	14	9.748 920	18	0.251 080	9.940 594	5	**.710**	
291	9.689 527	13	9.748 938	17	0.251 062	9.940 589	4	709	
292	9.689 540	14	9.748 955	18	0.251 045	9.940 585	4	708	
293	9.689 554	13	9.748 973	18	0.251 027	9.940 581	4	707	
294	9.689 567	14	9.748 991	18	0.251 009	9.940 577	5	706	
295	9.689 581	13	9.749 009	17	0.250 991	9.940 572	4	705	
296	9.689 594	14	9.749 026	18	0.250 974	9.940 568	4	704	
297	9.689 608	13	9.749 044	18	0.250 956	9.940 564	5	703	
298	9.689 621	14	9.749 062	18	0.250 938	9.940 559	4	702	
299	9.689 635	13	9.749 080	17	0.250 920	9.940 555	4	701	
.300	9.689 648		9.749 097		0.250 903	9.940 551		**.700**	
	cos	d	cotg	d	tang	sin	d	60°	P.P.

	18
1	1.8
2	3.6
3	5.4
4	7.2
5	9.0
6	10.8
7	12.6
8	14.4
9	16.2

	17
1	1.7
2	3.4
3	5.1
4	6.8
5	8.5
6	10.2
7	11.9
8	13.6
9	15.3

	14
1	1.4
2	2.8
3	4.2
4	5.6
5	7.0
6	8.4
7	9.8
8	11.2
9	12.6

	13
1	1.3
2	2.6
3	3.9
4	5.2
5	6.5
6	7.8
7	9.1
8	10.4
9	11.7

60°.750 — 60°.700

29°.300 — 29°.350

29°	sin	d	tang	d	cotg	cos	d		P.P.
.300	9.689 648	14	9.749 097	18	0.250 903	9.940 551	4	.700	
301	9.689 662	13	9.749 115	18	0.250 885	9.940 547	5	699	
302	9.689 675	14	9.749 133	18	0.250 867	9.940 542	4	698	
303	9.689 689	13	9.749 151	17	0.250 849	9.940 538	4	697	
304	9.689 702	14	9.749 168	18	0.250 832	9.940 534	4	696	18
305	9.689 716	13	9.749 186	18	0.250 814	9.940 530	5	695	1 1.8
306	9.689 729	14	9.749 204	18	0.250 796	9.940 525	4	694	2 3.6
307	9.689 743	13	9.749 222	17	0.250 778	9.940 521	4	693	3 5.4
308	9.689 756	14	9.749 239	18	0.250 761	9.940 517	4	692	4 7.2
309	9.689 770	13	9.749 257	18	0.250 743	9.940 513	5	691	5 9.0
.310	9.689 783	14	9.749 275	18	0.250 725	9.940 508	4	.690	6 10.8
311	9.689 797	13	9.749 293	18	0.250 707	9.940 504	4	689	7 12.6
312	9.689 810	14	9.749 311	17	0.250 689	9.940 500	4	688	8 14.4
313	9.689 824	13	9.749 328	18	0.250 672	9.940 496	5	687	9 16.2
314	9.689 837	14	9.749 346	18	0.250 654	9.940 491	4	686	
315	9.689 851	13	9.749 364	18	0.250 636	9.940 487	4	685	17
316	9.689 864	14	9.749 382	17	0.250 618	9.940 483	4	684	1 1.7
317	9.689 878	13	9.749 399	18	0.250 601	9.940 479	5	683	2 3.4
318	9.689 891	14	9.749 417	18	0.250 583	9.940 474	4	682	3 5.1
319	9.689 905	13	9.749 435	18	0.250 565	9.940 470	4	681	4 6.8
.320	9.689 918	14	9.749 453	17	0.250 547	9.940 466	4	.680	5 8.5
321	9.689 932	13	9.749 470	18	0.250 530	9.940 462	5	679	6 10.2
322	9.689 945	14	9.749 488	18	0.250 512	9.940 457	4	678	7 11.9
323	9.689 959	13	9.749 506	18	0.250 494	9.940 453	4	677	8 13.6
324	9.689 972	14	9.749 524	17	0.250 476	9.940 449	4	676	9 15.3
325	9.689 986	13	9.749 541	18	0.250 459	9.940 445	5	675	
326	9.689 999	14	9.749 559	18	0.250 441	9.940 440	4	674	
327	9.690 013	13	9.749 577	18	0.250 423	9.940 436	4	673	14
328	9.690 026	14	9.749 595	17	0.250 405	9.940 432	4	672	1 1.4
329	9.690 040	13	9.749 612	18	0.250 388	9.940 428	5	671	2 2.8
.330	9.690 053	14	9.749 630	18	0.250 370	9.940 423	4	.670	3 4.2
331	9.690 067	13	9.749 648	18	0.250 352	9.940 419	4	669	4 5.6
332	9.690 080	14	9.749 666	17	0.250 334	9.940 415	4	668	5 7.0
333	9.690 094	13	9.749 683	18	0.250 317	9.940 411	5	667	6 8.4
334	9.690 107	14	9.749 701	18	0.250 299	9.940 406	4	666	7 9.8
335	9.690 121	13	9.749 719	18	0.250 281	9.940 402	4	665	8 11.2
336	9.690 134	14	9.749 737	17	0.250 263	9.940 398	5	664	9 12.6
337	9.690 148	13	9.749 754	18	0.250 246	9.940 393	4	663	
338	9.690 161	14	9.749 772	18	0.250 228	9.940 389	4	662	13
339	9.690 175	13	9.749 790	18	0.250 210	9.940 385	4	661	1 1.3
.340	9.690 188	14	9.749 808	17	0.250 192	9.940 381	5	.660	2 2.6
341	9.690 202	13	9.749 825	18	0.250 175	9.940 376	4	659	3 3.9
342	9.690 215	14	9.749 843	18	0.250 157	9.940 372	4	658	4 5.2
343	9.690 229	13	9.749 861	18	0.250 139	9.940 368	4	657	5 6.5
344	9.690 242	14	9.749 879	17	0.250 121	9.940 364	5	656	6 7.8
345	9.690 256	13	9.749 896	18	0.250 104	9.940 359	4	655	7 9.1
346	9.690 269	14	9.749 914	18	0.250 086	9.940 355	4	654	8 10.4
347	9.690 283	13	9.749 932	17	0.250 068	9.940 351	4	653	9 11.7
348	9.690 296	14	9.749 949	18	0.250 051	9.940 347	5	652	
349	9.690 310	13	9.749 967	18	0.250 033	9.940 342	4	651	
.350	9.690 323		9.749 985		0.250 015	9.940 338		.650	
	cos	d	cotg	d	tang	sin	d	60°	P.P.

60°.700 — 60°.650

29°.350 — 29°.400

29°	sin	d	tang	d	cotg	cos	d		P.P.
.350	9.690 323	14	9.749 985	18	0.250 015	9.940 338	4	.650	
351	9.690 337	13	9.750 003	17	0.249 997	9.940 334	4	649	
352	9.690 350	13	9.750 020	18	0.249 980	9.940 330	5	648	
353	9.690 363	14	9.750 038	18	0.249 962	9.940 325	4	647	
354	9.690 377	13	9.750 056	18	0.249 944	9.940 321	4	646	18
355	9.690 390	14	9.750 074	17	0.249 926	9.940 317	4	645	1 1.8
356	9.690 404	13	9.750 091	18	0.249 909	9.940 313	5	644	2 3.6
357	9.690 417	14	9.750 109	18	0.249 891	9.940 308	4	643	3 5.4
358	9.690 431	13	9.750 127	18	0.249 873	9.940 304	4	642	4 7.2
359	9.690 444	14	9.750 145	17	0.249 855	9.940 300	5	641	5 9.0
.360	9.690 458	13	9.750 162	18	0.249 838	9.940 295	4	.640	6 10.8
361	9.690 471	14	9.750 180	18	0.249 820	9.940 291	4	639	7 12.6
362	9.690 485	13	9.750 198	18	0.249 802	9.940 287	4	638	8 14.4
363	9.690 498	14	9.750 216	17	0.249 784	9.940 283	5	637	9 16.2
364	9.690 512	13	9.750 233	18	0.249 767	9.940 278	4	636	
365	9.690 525	14	9.750 251	18	0.249 749	9.940 274	4	635	17
366	9.690 539	13	9.750 269	18	0.249 731	9.940 270	4	634	1 1.7
367	9.690 552	14	9.750 287	17	0.249 713	9.940 266	5	633	2 3.4
368	9.690 566	13	9.750 304	18	0.249 696	9.940 261	4	632	3 5.1
369	9.690 579	14	9.750 322	18	0.249 678	9.940 257	4	631	4 6.8
.370	9.690 593	13	9.750 340	17	0.249 660	9.940 253	4	.630	5 8.5
371	9.690 606	13	9.750 357	18	0.249 643	9.940 249	5	629	6 10.2
372	9.690 619	14	9.750 375	18	0.249 625	9.940 244	4	628	7 11.9
373	9.690 633	13	9.750 393	18	0.249 607	9.940 240	4	627	8 13.6
374	9.690 646	14	9.750 411	17	0.249 589	9.940 236	5	626	9 15.3
375	9.690 660	13	9.750 428	18	0.249 572	9.940 231	4	625	
376	9.690 673	14	9.750 446	18	0.249 554	9.940 227	4	624	
377	9.690 687	13	9.750 464	18	0.249 536	9.940 223	4	623	14
378	9.690 700	14	9.750 482	17	0.249 518	9.940 219	5	622	1 1.4
379	9.690 714	13	9.750 499	18	0.249 501	9.940 214	4	621	2 2.8
.380	9.690 727	14	9.750 517	18	0.249 483	9.940 210	4	.620	3 4.2
381	9.690 741	13	9.750 535	18	0.249 465	9.940 206	4	619	4 5.6
382	9.690 754	14	9.750 553	17	0.249 447	9.940 202	5	618	5 7.0
383	9.690 768	13	9.750 570	18	0.249 430	9.940 197	4	617	6 8.4
384	9.690 781	14	9.750 588	18	0.249 412	9.940 193	4	616	7 9.8
385	9.690 795	13	9.750 606	17	0.249 394	9.940 189	4	615	8 11.2
386	9.690 808	13	9.750 623	18	0.249 377	9.940 185	5	614	9 12.6
387	9.690 821	14	9.750 641	18	0.249 359	9.940 180	4	613	
388	9.690 835	13	9.750 659	18	0.249 341	9.940 176	4	612	
389	9.690 848	14	9.750 677	17	0.249 323	9.940 172	5	611	13
.390	9.690 862	13	9.750 694	18	0.249 306	9.940 167	4	.610	1 1.3
391	9.690 875	14	9.750 712	18	0.249 288	9.940 163	4	609	2 2.6
392	9.690 889	13	9.750 730	18	0.249 270	9.940 159	4	608	3 3.9
393	9.690 902	14	9.750 748	17	0.249 252	9.940 155	5	607	4 5.2
394	9.690 916	13	9.750 765	18	0.249 235	9.940 150	4	606	5 6.5
395	9.690 929	14	9.750 783	18	0.249 217	9.940 146	4	605	6 7.8
396	9.690 943	13	9.750 801	17	0.249 199	9.940 142	4	604	7 9.1
397	9.690 956	13	9.750 818	18	0.249 182	9.940 138	5	603	8 10.4
398	9.690 969	14	9.750 836	18	0.249 164	9.940 133	4	602	9 11.7
399	9.690 983	13	9.750 854	18	0.249 146	9.940 129	4	601	
.400	9.690 996		9.750 872		0.249 128	9.940 125		.600	
	cos	d	cotg	d	tang	sin	d	60°	P.P.

60°.650 — 60°.600

29°.400 — 29°.450

29°	sin	d	tang	d	cotg	cos	d		P.P.
.400	9.690 996	14	9.750 872	17	0.249 128	9.940 125	5	.600	
401	9.691 010	13	9.750 889	18	0.249 111	9.940 120	4	599	
402	9.691 023	14	9.750 907	18	0.249 093	9.940 116	4	598	
403	9.691 037	13	9.750 925	17	0.249 075	9.940 112	4	597	
404	9.691 050	14	9.750 942	18	0.249 058	9.940 108	5	596	
405	9.691 064	13	9.750 960	18	0.249 040	9.940 103	4	595	
406	9.691 077	14	9.750 978	18	0.249 022	9.940 099	4	594	
407	9.691 091	13	9.750 996	17	0.249 004	9.940 095	4	593	
408	9.691 104	13	9.751 013	18	0.248 987	9.940 091	5	592	
409	9.691 117	14	9.751 031	18	0.248 969	9.940 086	4	591	
.410	9.691 131	13	9.751 049	18	0.248 951	9.940 082	4	.590	
411	9.691 144	14	9.751 067	17	0.248 933	9.940 078	5	589	
412	9.691 158	13	9.751 084	18	0.248 916	9.940 073	4	588	
413	9.691 171	14	9.751 102	18	0.248 898	9.940 069	4	587	
414	9.691 185	13	9.751 120	17	0.248 880	9.940 065	4	586	
415	9.691 198	14	9.751 137	18	0.248 863	9.940 061	5	585	
416	9.691 212	13	9.751 155	18	0.248 845	9.940 056	4	584	
417	9.691 225	13	9.751 173	18	0.248 827	9.940 052	4	583	
418	9.691 238	14	9.751 191	17	0.248 809	9.940 048	4	582	
419	9.691 252	13	9.751 208	18	0.248 792	9.940 044	5	581	
.420	9.691 265	14	9.751 226	18	0.248 774	9.940 039	4	.580	
421	9.691 279	13	9.751 244	17	0.248 756	9.940 035	4	579	
422	9.691 292	14	9.751 261	18	0.248 739	9.940 031	5	578	
423	9.691 306	13	9.751 279	18	0.248 721	9.940 026	4	577	
424	9.691 319	13	9.751 297	18	0.248 703	9.940 022	4	576	
425	9.691 332	14	9.751 315	17	0.248 685	9.940 018	4	575	
426	9.691 346	13	9.751 332	18	0.248 668	9.940 014	5	574	
427	9.691 359	14	9.751 350	18	0.248 650	9.940 009	4	573	
428	9.691 373	13	9.751 368	17	0.248 632	9.940 005	4	572	
429	9.691 386	14	9.751 385	18	0.248 615	9.940 001	4	571	
.430	9.691 400	13	9.751 403	18	0.248 597	9.939 997	5	.570	
431	9.691 413	14	9.751 421	18	0.248 579	9.939 992	4	569	
432	9.691 427	13	9.751 439	17	0.248 561	9.939 988	4	568	
433	9.691 440	13	9.751 456	18	0.248 544	9.939 984	5	567	
434	9.691 453	14	9.751 474	18	0.248 526	9.939 979	4	566	
435	9.691 467	13	9.751 492	17	0.248 508	9.939 975	4	565	
436	9.691 480	14	9.751 509	18	0.248 491	9.939 971	4	564	
437	9.691 494	13	9.751 527	18	0.248 473	9.939 967	5	563	
438	9.691 507	14	9.751 545	18	0.248 455	9.939 962	4	562	
439	9.691 521	13	9.751 563	17	0.248 437	9.939 958	4	561	
.440	9.691 534	13	9.751 580	18	0.248 420	9.939 954	5	.560	
441	9.691 547	14	9.751 598	18	0.248 402	9.939 949	4	559	
442	9.691 561	13	9.751 616	17	0.248 384	9.939 945	4	558	
443	9.691 574	14	9.751 633	18	0.248 367	9.939 941	4	557	
444	9.691 588	13	9.751 651	18	0.248 349	9.939 937	5	556	
445	9.691 601	14	9.751 669	17	0.248 331	9.939 932	4	555	
446	9.691 615	13	9.751 686	18	0.248 314	9.939 928	4	554	
447	9.691 628	13	9.751 704	18	0.248 296	9.939 924	4	553	
448	9.691 641	14	9.751 722	18	0.248 278	9.939 920	5	552	
449	9.691 655	13	9.751 740	17	0.248 260	9.939 915	4	551	
.450	9.691 668		9.751 757		0.248 243	9.939 911		.550	
	cos	d	cotg	d	tang	sin	d	60°	P.P.

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9	11.7

60°.600 — 60°.550

29°.450 — 29°.500

29°	sin	d	tang	d	cotg	cos	d		P.P.
.450	9.691 668	14	9.751 757	18	0.248 243	9.939 911	4	.550	
451	9.691 682	13	9.751 775	18	0.248 225	9.939 907	5	549	
452	9.691 695	14	9.751 793	17	0.248 207	9.939 902	4	548	
453	9.691 709	13	9.751 810	18	0.248 190	9.939 898	4	547	
454	9.691 722	13	9.751 828	18	0.248 172	9.939 894	4	546	
455	9.691 735	14	9.751 846	18	0.248 154	9.939 890	5	545	
456	9.691 749	13	9.751 864	17	0.248 136	9.939 885	4	544	
457	9.691 762	14	9.751 881	18	0.248 119	9.939 881	4	543	
458	9.691 776	13	9.751 899	18	0.248 101	9.939 877	5	542	
459	9.691 789	13	9.751 917	17	0.248 083	9.939 872	4	541	
.460	9.691 802	14	9.751 934	18	0.248 066	9.939 868	4	.540	
461	9.691 816	13	9.751 952	18	0.248 048	9.939 864	4	539	
462	9.691 829	14	9.751 970	17	0.248 030	9.939 860	5	538	
463	9.691 843	13	9.751 987	18	0.248 013	9.939 855	4	537	
464	9.691 856	14	9.752 005	18	0.247 995	9.939 851	4	536	
465	9.691 870	13	9.752 023	18	0.247 977	9.939 847	5	535	
466	9.691 883	13	9.752 041	17	0.247 959	9.939 842	4	534	
467	9.691 896	14	9.752 058	18	0.247 942	9.939 838	4	533	
468	9.691 910	13	9.752 076	18	0.247 924	9.939 834	4	532	
469	9.691 923	14	9.752 094	17	0.247 906	9.939 830	5	531	
.470	9.691 937	13	9.752 111	18	0.247 889	9.939 825	4	.530	
471	9.691 950	13	9.752 129	18	0.247 871	9.939 821	4	529	
472	9.691 963	14	9.752 147	17	0.247 853	9.939 817	4	528	
473	9.691 977	13	9.752 164	18	0.247 836	9.939 813	5	527	
474	9.691 990	14	9.752 182	18	0.247 818	9.939 808	4	526	
475	9.692 004	13	9.752 200	17	0.247 800	9.939 804	4	525	
476	9.692 017	14	9.752 217	18	0.247 783	9.939 800	5	524	
477	9.692 031	13	9.752 235	18	0.247 765	9.939 795	4	523	
478	9.692 044	13	9.752 253	18	0.247 747	9.939 791	4	522	
479	9.692 057	14	9.752 271	17	0.247 729	9.939 787	4	521	
.480	9.692 071	13	9.752 288	18	0.247 712	9.939 783	5	.520	
481	9.692 084	14	9.752 306	18	0.247 694	9.939 778	4	519	
482	9.692 098	13	9.752 324	17	0.247 676	9.939 774	4	518	
483	9.692 111	13	9.752 341	18	0.247 659	9.939 770	5	517	
484	9.692 124	14	9.752 359	18	0.247 641	9.939 765	4	516	
485	9.692 138	13	9.752 377	17	0.247 623	9.939 761	4	515	
486	9.692 151	14	9.752 394	18	0.247 606	9.939 757	4	514	
487	9.692 165	13	9.752 412	18	0.247 588	9.939 753	5	513	
488	9.692 178	13	9.752 430	17	0.247 570	9.939 748	4	512	
489	9.692 191	14	9.752 447	18	0.247 553	9.939 744	4	511	
.490	9.692 205	13	9.752 465	18	0.247 535	9.939 740	5	.510	
491	9.692 218	14	9.752 483	18	0.247 517	9.939 735	4	509	
492	9.692 232	13	9.752 501	17	0.247 499	9.939 731	4	508	
493	9.692 245	13	9.752 518	18	0.247 482	9.939 727	4	507	
494	9.692 258	14	9.752 536	18	0.247 464	9.939 723	5	506	
495	9.692 272	13	9.752 554	17	0.247 446	9.939 718	4	505	
496	9.692 285	14	9.752 571	18	0.247 429	9.939 714	4	504	
497	9.692 299	13	9.752 589	18	0.247 411	9.939 710	5	503	
498	9.692 312	13	9.752 607	17	0.247 393	9.939 705	4	502	
499	9.692 325	14	9.752 624	18	0.247 376	9.939 701	4	501	
.500	9.692 339		9.752 642		0.247 358	9.939 697		.500	
	cos	d	cotg	d	tang	sin	d	60°	P.P.

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60°.550 — 60°.500

29°.500 — 29°.550

29°	sin	d	tang	d	cotg	cos	d		P.P.
.500	9.692 339	13	9.752 642	18	0.247 358	9.939 697	5	.500	
501	9.692 352	14	9.752 660	17	0.247 340	9.939 692	4	499	
502	9.692 366	13	9.752 677	18	0.247 323	9.939 688	4	498	
503	9.692 379	13	9.752 695	18	0.247 305	9.939 684	4	497	
504	9.692 392	14	9.752 713	17	0.247 287	9.939 680	5	496	
505	9.692 406	13	9.752 730	18	0.247 270	9.939 675	4	495	
506	9.692 419	14	9.752 748	18	0.247 252	9.939 671	4	494	
507	9.692 433	13	9.752 766	18	0.247 234	9.939 667	5	493	
508	9.692 446	13	9.752 784	17	0.247 216	9.939 662	4	492	
509	9.692 459	14	9.752 801	18	0.247 199	9.939 658	4	491	
.510	9.692 473	13	9.752 819	18	0.247 181	9.939 654	4	.490	
511	9.692 486	14	9.752 837	17	0.247 163	9.939 650	5	489	
512	9.692 500	13	9.752 854	18	0.247 146	9.939 645	4	488	
513	9.692 513	13	9.752 872	18	0.247 128	9.939 641	4	487	
514	9.692 526	14	9.752 890	17	0.247 110	9.939 637	5	486	
515	9.692 540	13	9.752 907	18	0.247 093	9.939 632	4	485	
516	9.692 553	14	9.752 925	18	0.247 075	9.939 628	4	484	
517	9.692 567	13	9.752 943	17	0.247 057	9.939 624	4	483	
518	9.692 580	13	9.752 960	18	0.247 040	9.939 620	5	482	
519	9.692 593	14	9.752 978	18	0.247 022	9.939 615	4	481	
.520	9.692 607	13	9.752 996	17	0.247 004	9.939 611	4	.480	
521	9.692 620	13	9.753 013	18	0.246 987	9.939 607	5	479	
522	9.692 633	14	9.753 031	18	0.246 969	9.939 602	4	478	
523	9.692 647	13	9.753 049	17	0.246 951	9.939 598	4	477	
524	9.692 660	14	9.753 066	18	0.246 934	9.939 594	4	476	
525	9.692 674	13	9.753 084	18	0.246 916	9.939 590	5	475	
526	9.692 687	13	9.753 102	17	0.246 898	9.939 585	4	474	
527	9.692 700	14	9.753 119	18	0.246 881	9.939 581	4	473	
528	9.692 714	13	9.753 137	18	0.246 863	9.939 577	5	472	
529	9.692 727	13	9.753 155	17	0.246 845	9.939 572	4	471	
.530	9.692 740	14	9.753 172	18	0.246 828	9.939 568	4	.470	
531	9.692 754	13	9.753 190	18	0.246 810	9.939 564	5	469	
532	9.692 767	14	9.753 208	17	0.246 792	9.939 559	4	468	
533	9.692 781	13	9.753 225	18	0.246 775	9.939 555	4	467	
534	9.692 794	13	9.753 243	18	0.246 757	9.939 551	4	466	
535	9.692 807	14	9.753 261	17	0.246 739	9.939 547	5	465	
536	9.692 821	13	9.753 278	18	0.246 722	9.939 542	4	464	
537	9.692 834	14	9.753 296	18	0.246 704	9.939 538	4	463	
538	9.692 848	13	9.753 314	18	0.246 686	9.939 534	5	462	
539	9.692 861	13	9.753 332	17	0.246 668	9.939 529	4	461	
.540	9.692 874	14	9.753 349	18	0.246 651	9.939 525	4	.460	
541	9.692 888	13	9.753 367	18	0.246 633	9.939 521	4	459	
542	9.692 901	13	9.753 385	17	0.246 615	9.939 517	5	458	
543	9.692 914	14	9.753 402	18	0.246 598	9.939 512	4	457	
544	9.692 928	13	9.753 420	18	0.246 580	9.939 508	4	456	
545	9.692 941	14	9.753 438	17	0.246 562	9.939 504	5	455	
546	9.692 955	13	9.753 455	18	0.246 545	9.939 499	4	454	
547	9.692 968	13	9.753 473	18	0.246 527	9.939 495	4	453	
548	9.692 981	14	9.753 491	17	0.246 509	9.939 491	5	452	
549	9.692 995	13	9.753 508	18	0.246 492	9.939 486	4	451	
.550	9.693 008		9.753 526		0.246 474	9.939 482		.450	
	cos	d	cotg	d	tang	sin	d	60°	P.P.

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60°.500 — 60°.450

29°.550 — 29°.600

29°	sin	d	tang	d	cotg	cos	d		P.P.
.550	9.693 008		9.753 526		0.246 474	9.939 482		.450	
		13		18			4		
551	9.693 021		9.753 544		0.246 456	9.939 478		449	
		14		17			4		
552	9.693 035		9.753 561		0.246 439	9.939 474		448	
		13		18			5		
553	9.693 048		9.753 579		0.246 421	9.939 469		447	
		13		18			4		
554	9.693 061		9.753 597		0.246 403	9.939 465		446	
		14		17			4		
555	9.693 075		9.753 614		0.246 386	9.939 461		445	
		13		18			5		
556	9.693 088		9.753 632		0.246 368	9.939 456		444	
		14		18			4		
557	9.693 102		9.753 650		0.246 350	9.939 452		443	
		13		17			4		
558	9.693 115		9.753 667		0.246 333	9.939 448		442	
		13		18			5		
559	9.693 128		9.753 685		0.246 315	9.939 443		441	
		14		18			4		
.560	9.693 142		9.753 703		0.246 297	9.939 439		.440	
		13		17			4		
561	9.693 155		9.753 720		0.246 280	9.939 435		439	
		13		18			4		
562	9.693 168		9.753 738		0.246 262	9.939 431		438	
		14		18			5		
563	9.693 182		9.753 756		0.246 244	9.939 426		437	
		13		17			4		
564	9.693 195		9.753 773		0.246 227	9.939 422		436	
		14		18			4		
565	9.693 209		9.753 791		0.246 209	9.939 418		435	
		13		18			5		
566	9.693 222		9.753 809		0.246 191	9.939 413		434	
		13		17			4		
567	9.693 235		9.753 826		0.246 174	9.939 409		433	
		14		18			4		
568	9.693 249		9.753 844		0.246 156	9.939 405		432	
		13		17			5		
569	9.693 262		9.753 861		0.246 139	9.939 400		431	
		13		18			4		
.570	9.693 275		9.753 879		0.246 121	9.939 396		.430	
		14		18			4		
571	9.693 289		9.753 897		0.246 103	9.939 392		429	
		13		17			4		
572	9.693 302		9.753 914		0.246 086	9.939 388		428	
		13		18			5		
573	9.693 315		9.753 932		0.246 068	9.939 383		427	
		14		18			4		
574	9.693 329		9.753 950		0.246 050	9.939 379		426	
		13		17			4		
575	9.693 342		9.753 967		0.246 033	9.939 375		425	
		13		18			5		
576	9.693 355		9.753 985		0.246 015	9.939 370		424	
		14		18			4		
577	9.693 369		9.754 003		0.245 997	9.939 366		423	
		13		17			4		
578	9.693 382		9.754 020		0.245 980	9.939 362		422	
		14		18			5		
579	9.693 396		9.754 038		0.245 962	9.939 357		421	
		13		18			4		
.580	9.693 409		9.754 056		0.245 944	9.939 353		.420	
		13		17			4		
581	9.693 422		9.754 073		0.245 927	9.939 349		419	
		14		18			4		
582	9.693 436		9.754 091		0.245 909	9.939 345		418	
		13		18			5		
583	9.693 449		9.754 109		0.245 891	9.939 340		417	
		13		17			4		
584	9.693 462		9.754 126		0.245 874	9.939 336		416	
		14		18			4		
585	9.693 476		9.754 144		0.245 856	9.939 332		415	
		13		18			5		
586	9.693 489		9.754 162		0.245 838	9.939 327		414	
		13		17			4		
587	9.693 502		9.754 179		0.245 821	9.939 323		413	
		14		18			4		
588	9.693 516		9.754 197		0.245 803	9.939 319		412	
		13		18			5		
589	9.693 529		9.754 215		0.245 785	9.939 314		411	
		13		17			4		
.590	9.693 542		9.754 232		0.245 768	9.939 310		.410	
		14		18			4		
591	9.693 556		9.754 250		0.245 750	9.939 306		409	
		13		18			5		
592	9.693 569		9.754 268		0.245 732	9.939 301		408	
		13		17			4		
593	9.693 582		9.754 285		0.245 715	9.939 297		407	
		14		18			4		
594	9.693 596		9.754 303		0.245 697	9.939 293		406	
		13		18			4		
595	9.693 609		9.754 321		0.245 679	9.939 289		405	
		13		17			5		
596	9.693 622		9.754 338		0.245 662	9.939 284		404	
		14		18			4		
597	9.693 636		9.754 356		0.245 644	9.939 280		403	
		13		17			4		
598	9.693 649		9.754 373		0.245 627	9.939 276		402	
		13		18			5		
599	9.693 662		9.754 391		0.245 609	9.939 271		401	
		14		18			4		
.600	9.693 676		9.754 409		0.245 591	9.939 267		.400	
	cos	d	cotg	d	tang	sin	d	60°	P.P.

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60°.450 — 60°.400

29°.600 — 29°.650

29°	sin	d	tang	d	cotg	cos	d		P.P.
.600	9.693 676	13	9.754 409	17	0.245 591	9.939 267	4	.400	
601	9.693 689	14	9.754 426	18	0.245 574	9.939 263	5	399	
602	9.693 703	13	9.754 444	18	0.245 556	9.939 258	4	398	
603	9.693 716	13	9.754 462	17	0.245 538	9.939 254	4	397	
604	9.693 729	14	9.754 479	18	0.245 521	9.939 250	4	396	
605	9.693 743	13	9.754 497	18	0.245 503	9.939 246	5	395	
606	9.693 756	13	9.754 515	17	0.245 485	9.939 241	4	394	
607	9.693 769	14	9.754 532	18	0.245 468	9.939 237	4	393	
608	9.693 783	13	9.754 550	18	0.245 450	9.939 233	5	392	
609	9.693 796	13	9.754 568	17	0.245 432	9.939 228	4	391	
.610	9.693 809	14	9.754 585	18	0.245 415	9.939 224	4	.390	
611	9.693 823	13	9.754 603	18	0.245 397	9.939 220	5	389	
612	9.693 836	13	9.754 621	17	0.245 379	9.939 215	4	388	
613	9.693 849	14	9.754 638	18	0.245 362	9.939 211	4	387	
614	9.693 863	13	9.754 656	17	0.245 344	9.939 207	5	386	
615	9.693 876	13	9.754 673	18	0.245 327	9.939 202	4	385	
616	9.693 889	14	9.754 691	18	0.245 309	9.939 198	4	384	
617	9.693 903	13	9.754 709	17	0.245 291	9.939 194	4	383	
618	9.693 916	13	9.754 726	18	0.245 274	9.939 190	5	382	
619	9.693 929	14	9.754 744	18	0.245 256	9.939 185	4	381	
.620	9.693 943	13	9.754 762	17	0.245 238	9.939 181	4	.380	
621	9.693 956	13	9.754 779	18	0.245 221	9.939 177	5	379	
622	9.693 969	14	9.754 797	18	0.245 203	9.939 172	4	378	
623	9.693 983	13	9.754 815	17	0.245 185	9.939 168	4	377	
624	9.693 996	13	9.754 832	18	0.245 168	9.939 164	5	376	
625	9.694 009	14	9.754 850	18	0.245 150	9.939 159	4	375	
626	9.694 023	13	9.754 868	17	0.245 132	9.939 155	4	374	
627	9.694 036	13	9.754 885	18	0.245 115	9.939 151	5	373	
628	9.694 049	14	9.754 903	17	0.245 097	9.939 146	4	372	
629	9.694 063	13	9.754 920	18	0.245 080	9.939 142	4	371	
.630	9.694 076	13	9.754 938	18	0.245 062	9.939 138	5	.370	
631	9.694 089	14	9.754 956	17	0.245 044	9.939 133	4	369	
632	9.694 103	13	9.754 973	18	0.245 027	9.939 129	4	368	
633	9.694 116	13	9.754 991	18	0.245 009	9.939 125	4	367	
634	9.694 129	14	9.755 009	17	0.244 991	9.939 121	5	366	
635	9.694 143	13	9.755 026	18	0.244 974	9.939 116	4	365	
636	9.694 156	13	9.755 044	18	0.244 956	9.939 112	4	364	
637	9.694 169	13	9.755 062	17	0.244 938	9.939 108	5	363	
638	9.694 182	14	9.755 079	18	0.244 921	9.939 103	4	362	
639	9.694 196	13	9.755 097	17	0.244 903	9.939 099	4	361	
.640	9.694 209	13	9.755 114	18	0.244 886	9.939 095	5	.360	
641	9.694 222	14	9.755 132	18	0.244 868	9.939 090	4	359	
642	9.694 236	13	9.755 150	17	0.244 850	9.939 086	4	358	
643	9.694 249	13	9.755 167	18	0.244 833	9.939 082	5	357	
644	9.694 262	14	9.755 185	18	0.244 815	9.939 077	4	356	
645	9.694 276	13	9.755 203	17	0.244 797	9.939 073	4	355	
646	9.694 289	13	9.755 220	18	0.244 780	9.939 069	5	354	
647	9.694 302	14	9.755 238	18	0.244 762	9.939 064	4	353	
648	9.694 316	13	9.755 256	17	0.244 744	9.939 060	4	352	
649	9.694 329	13	9.755 273	18	0.244 727	9.939 056	4	351	
.650	9.694 342		9.755 291		0.244 709	9.939 052		.350	
	cos	d	cotg	d	tang	sin	d	60°	P.P.

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60°.400 — 60°.350

29°.650 — 29°.700

29°	sin	d	tang	d	cotg	cos	d		P.P.
.650	9.694 342	14	9.755 291	17	0.244 709	9.939 052	5	.350	
651	9.694 356	13	9.755 308	18	0.244 692	9.939 047	4	349	
652	9.694 369	13	9.755 326	18	0.244 674	9.939 043	4	348	
653	9.694 382	14	9.755 344	17	0.244 656	9.939 039	5	347	
654	9.694 396	13	9.755 361	18	0.244 639	9.939 034	4	346	
655	9.694 409	13	9.755 379	18	0.244 621	9.939 030	4	345	
656	9.694 422	14	9.755 397	17	0.244 603	9.939 026	5	344	
657	9.694 436	13	9.755 414	18	0.244 586	9.939 021	4	343	
658	9.694 449	13	9.755 432	17	0.244 568	9.939 017	4	342	
659	9.694 462	13	9.755 449	18	0.244 551	9.939 013	5	341	
.660	9.694 475	14	9.755 467	18	0.244 533	9.939 008	4	.340	
661	9.694 489	13	9.755 485	17	0.244 515	9.939 004	4	339	
662	9.694 502	13	9.755 502	18	0.244 498	9.939 000	5	338	
663	9.694 515	14	9.755 520	18	0.244 480	9.938 995	4	337	
664	9.694 529	13	9.755 538	17	0.244 462	9.938 991	4	336	
665	9.694 542	13	9.755 555	18	0.244 445	9.938 987	5	335	
666	9.694 555	14	9.755 573	17	0.244 427	9.938 982	4	334	
667	9.694 569	13	9.755 590	18	0.244 410	9.938 978	4	333	
668	9.694 582	13	9.755 608	18	0.244 392	9.938 974	4	332	
669	9.694 595	14	9.755 626	17	0.244 374	9.938 970	5	331	
.670	9.694 609	13	9.755 643	18	0.244 357	9.938 965	4	.330	
671	9.694 622	13	9.755 661	18	0.244 339	9.938 961	4	329	
672	9.694 635	13	9.755 679	17	0.244 321	9.938 957	5	328	
673	9.694 648	14	9.755 696	18	0.244 304	9.938 952	4	327	
674	9.694 662	13	9.755 714	17	0.244 286	9.938 948	4	326	
675	9.694 675	13	9.755 731	18	0.244 269	9.938 944	5	325	
676	9.694 688	14	9.755 749	18	0.244 251	9.938 939	4	324	
677	9.694 702	13	9.755 767	17	0.244 233	9.938 935	4	323	
678	9.694 715	13	9.755 784	18	0.244 216	9.938 931	5	322	
679	9.694 728	14	9.755 802	18	0.244 198	9.938 926	4	321	
.680	9.694 742	13	9.755 820	17	0.244 180	9.938 922	4	.320	
681	9.694 755	13	9.755 837	18	0.244 163	9.938 918	5	319	
682	9.694 768	13	9.755 855	17	0.244 145	9.938 913	4	318	
683	9.694 781	14	9.755 872	18	0.244 128	9.938 909	4	317	
684	9.694 795	13	9.755 890	18	0.244 110	9.938 905	5	316	
685	9.694 808	13	9.755 908	17	0.244 092	9.938 900	4	315	
686	9.694 821	14	9.755 925	18	0.244 075	9.938 896	4	314	
687	9.694 835	13	9.755 943	17	0.244 057	9.938 892	5	313	
688	9.694 848	13	9.755 960	18	0.244 040	9.938 887	4	312	
689	9.694 861	14	9.755 978	18	0.244 022	9.938 883	4	311	
.690	9.694 875	13	9.755 996	17	0.244 004	9.938 879	5	.310	
691	9.694 888	13	9.756 013	18	0.243 987	9.938 874	4	309	
692	9.694 901	13	9.756 031	18	0.243 969	9.938 870	4	308	
693	9.694 914	14	9.756 049	17	0.243 951	9.938 866	4	307	
694	9.694 928	13	9.756 066	18	0.243 934	9.938 862	5	306	
695	9.694 941	13	9.756 084	17	0.243 916	9.938 857	4	305	
696	9.694 954	14	9.756 101	18	0.243 899	9.938 853	4	304	
697	9.694 968	13	9.756 119	18	0.243 881	9.938 849	5	303	
698	9.694 981	13	9.756 137	17	0.243 863	9.938 844	4	302	
699	9.694 994	13	9.756 154	18	0.243 846	9.938 840	4	301	
.700	9.695 007		9.756 172		0.243 828	9.938 836		.300	
	cos	d	cotg	d	tang	sin	d	60°	P.P.

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60°.350 — 60°.300

29°.700 — 29°.750

29°	sin	d	tang	d	cotg	cos	d		P.P.
.700	9.695 007	14	9.756 172	17	0.243 828	9.938 836	5	.300	
701	9.695 021	13	9.756 189	18	0.243 811	9.938 831	4	299	
702	9.695 034	13	9.756 207	18	0.243 793	9.938 827	4	298	
703	9.695 047	14	9.756 225	17	0.243 775	9.938 823	5	297	
704	9.695 061	13	9.756 242	18	0.243 758	9.938 818	4	296	
705	9.695 074	13	9.756 260	18	0.243 740	9.938 814	4	295	
706	9.695 087	13	9.756 278	17	0.243 722	9.938 810	5	294	
707	9.695 100	14	9.756 295	18	0.243 705	9.938 805	4	293	
708	9.695 114	13	9.756 313	17	0.243 687	9.938 801	4	292	
709	9.695 127	13	9.756 330	18	0.243 670	9.938 797	5	291	
.710	9.695 140	14	9.756 348	18	0.243 652	9.938 792	4	.290	
711	9.695 154	13	9.756 366	17	0.243 634	9.938 788	4	289	
712	9.695 167	13	9.756 383	18	0.243 617	9.938 784	5	288	
713	9.695 180	13	9.756 401	17	0.243 599	9.938 779	4	287	
714	9.695 193	14	9.756 418	18	0.243 582	9.938 775	4	286	
715	9.695 207	13	9.756 436	18	0.243 564	9.938 771	5	285	
716	9.695 220	13	9.756 454	17	0.243 546	9.938 766	4	284	
717	9.695 233	14	9.756 471	18	0.243 529	9.938 762	4	283	
718	9.695 247	13	9.756 489	17	0.243 511	9.938 758	5	282	
719	9.695 260	13	9.756 506	18	0.243 494	9.938 753	4	281	
.720	9.695 273	13	9.756 524	18	0.243 476	9.938 749	4	.280	
721	9.695 286	14	9.756 542	17	0.243 458	9.938 745	5	279	
722	9.695 300	13	9.756 559	18	0.243 441	9.938 740	4	278	
723	9.695 313	13	9.756 577	17	0.243 423	9.938 736	4	277	
724	9.695 326	13	9.756 594	18	0.243 406	9.938 732	5	276	
725	9.695 339	14	9.756 612	18	0.243 388	9.938 727	4	275	
726	9.695 353	13	9.756 630	17	0.243 370	9.938 723	4	274	
727	9.695 366	13	9.756 647	18	0.243 353	9.938 719	5	273	
728	9.695 379	14	9.756 665	17	0.243 335	9.938 714	4	272	
729	9.695 393	13	9.756 682	18	0.243 318	9.938 710	4	271	
.730	9.695 406	13	9.756 700	18	0.243 300	9.938 706	5	.270	
731	9.695 419	13	9.756 718	17	0.243 282	9.938 701	4	269	
732	9.695 432	14	9.756 735	18	0.243 265	9.938 697	4	268	
733	9.695 446	13	9.756 753	17	0.243 247	9.938 693	5	267	
734	9.695 459	13	9.756 770	18	0.243 230	9.938 688	4	266	
735	9.695 472	13	9.756 788	18	0.243 212	9.938 684	4	265	
736	9.695 485	14	9.756 806	17	0.243 194	9.938 680	5	264	
737	9.695 499	13	9.756 823	18	0.243 177	9.938 675	4	263	
738	9.695 512	13	9.756 841	17	0.243 159	9.938 671	4	262	
739	9.695 525	14	9.756 858	18	0.243 142	9.938 667	4	261	
.740	9.695 539	13	9.756 876	18	0.243 124	9.938 663	5	.260	
741	9.695 552	13	9.756 894	17	0.243 106	9.938 658	4	259	
742	9.695 565	13	9.756 911	18	0.243 089	9.938 654	4	258	
743	9.695 578	14	9.756 929	17	0.243 071	9.938 650	5	257	
744	9.695 592	13	9.756 946	18	0.243 054	9.938 645	4	256	
745	9.695 605	13	9.756 964	18	0.243 036	9.938 641	4	255	
746	9.695 618	13	9.756 982	17	0.243 018	9.938 637	5	254	
747	9.695 631	14	9.756 999	18	0.243 001	9.938 632	4	253	
748	9.695 645	13	9.757 017	17	0.242 983	9.938 628	4	252	
749	9.695 658	13	9.757 034	18	0.242 966	9.938 624	5	251	
.750	9.695 671		9.757 052		0.242 948	9.938 619		.250	
	cos	d	cotg	d	tang	sin	d	60°	P.P.

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60°.300 — 60°.250

29°.750 — 29°.800

29°	sin	d	tang	d	cotg	cos	d		P.P.
.750	9.695 671	13	9.757 052	18	0.242 948	9.938 619	4	.250	
751	9.695 684	14	9.757 070	17	0.242 930	9.938 615	4	249	
752	9.695 698	13	9.757 087	18	0.242 913	9.938 611	5	248	
753	9.695 711	13	9.757 105	17	0.242 895	9.938 606	4	247	
754	9.695 724	14	9.757 122	18	0.242 878	9.938 602	4	246	18
755	9.695 738	13	9.757 140	18	0.242 860	9.938 598	5	245	1 1.8
756	9.695 751	13	9.757 158	17	0.242 842	9.938 593	4	244	2 3.6
757	9.695 764	13	9.757 175	18	0.242 825	9.938 589	4	243	3 5.4
758	9.695 777	14	9.757 193	17	0.242 807	9.938 585	5	242	4 7.2
759	9.695 791	13	9.757 210	18	0.242 790	9.938 580	4	241	5 9.0
.760	9.695 804	13	9.757 228	18	0.242 772	9.938 576	4	.240	6 10.8
761	9.695 817	13	9.757 246	17	0.242 754	9.938 572	5	239	7 12.6
762	9.695 830	14	9.757 263	18	0.242 737	9.938 567	4	238	8 14.4
763	9.695 844	13	9.757 281	17	0.242 719	9.938 563	4	237	9 16.2
764	9.695 857	13	9.757 298	18	0.242 702	9.938 559	5	236	
765	9.695 870	13	9.757 316	17	0.242 684	9.938 554	4	235	17
766	9.695 883	14	9.757 333	18	0.242 667	9.938 550	4	234	1 1.7
767	9.695 897	13	9.757 351	18	0.242 649	9.938 546	5	233	2 3.4
768	9.695 910	13	9.757 369	17	0.242 631	9.938 541	4	232	3 5.1
769	9.695 923	13	9.757 386	18	0.242 614	9.938 537	4	231	4 6.8
.770	9.695 936	14	9.757 404	17	0.242 596	9.938 533	5	.230	5 8.5
771	9.695 950	13	9.757 421	18	0.242 579	9.938 528	4	229	6 10.2
772	9.695 963	13	9.757 439	18	0.242 561	9.938 524	4	228	7 11.9
773	9.695 976	13	9.757 457	17	0.242 543	9.938 520	5	227	8 13.6
774	9.695 989	14	9.757 474	18	0.242 526	9.938 515	4	226	9 15.3
775	9.696 003	13	9.757 492	17	0.242 508	9.938 511	5	225	
776	9.696 016	13	9.757 509	18	0.242 491	9.938 506	4	224	
777	9.696 029	13	9.757 527	18	0.242 473	9.938 502	4	223	14
778	9.696 042	14	9.757 545	17	0.242 455	9.938 498	5	222	1 1.4
779	9.696 056	13	9.757 562	18	0.242 438	9.938 493	4	221	2 2.8
.780	9.696 069	13	9.757 580	17	0.242 420	9.938 489	4	.220	3 4.2
781	9.696 082	13	9.757 597	18	0.242 403	9.938 485	5	219	4 5.6
782	9.696 095	14	9.757 615	17	0.242 385	9.938 480	4	218	5 7.0
783	9.696 109	13	9.757 632	18	0.242 368	9.938 476	4	217	6 8.4
784	9.696 122	13	9.757 650	18	0.242 350	9.938 472	5	216	7 9.8
785	9.696 135	13	9.757 668	17	0.242 332	9.938 467	4	215	8 11.2
786	9.696 148	14	9.757 685	18	0.242 315	9.938 463	4	214	9 12.6
787	9.696 162	13	9.757 703	17	0.242 297	9.938 459	5	213	
788	9.696 175	13	9.757 720	18	0.242 280	9.938 454	4	212	
789	9.696 188	13	9.757 738	17	0.242 262	9.938 450	4	211	13
.790	9.696 201	13	9.757 755	18	0.242 245	9.938 446	5	.210	1 1.3
791	9.696 214	14	9.757 773	18	0.242 227	9.938 441	4	209	2 2.6
792	9.696 228	13	9.757 791	17	0.242 209	9.938 437	4	208	3 3.9
793	9.696 241	13	9.757 808	18	0.242 192	9.938 433	5	207	4 5.2
794	9.696 254	13	9.757 826	17	0.242 174	9.938 428	4	206	5 6.5
795	9.696 267	14	9.757 843	18	0.242 157	9.938 424	4	205	6 7.8
796	9.696 281	13	9.757 861	18	0.242 139	9.938 420	5	204	7 9.1
797	9.696 294	13	9.757 879	17	0.242 121	9.938 415	4	203	8 10.4
798	9.696 307	13	9.757 896	18	0.242 104	9.938 411	4	202	9 11.7
799	9.696 320	14	9.757 914	17	0.242 086	9.938 407	5	201	
.800	9.696 334		9.757 931		0.242 069	9.938 402		.200	
	cos	d	cotg	d	tang	sin	d	60°	P.P.

60°.250 — 60°.200

29°.800 — 29°.850

29°	sin	d	tang	d	cotg	cos	d		P.P.
.800	9.696 334	13	9.757 931	18	0.242 069	9.938 402	4	.200	
801	9.696 347	13	9.757 949	17	0.242 051	9.938 398	4	199	
802	9.696 360	13	9.757 966	18	0.242 034	9.938 394	5	198	
803	9.696 373	14	9.757 984	18	0.242 016	9.938 389	4	197	
804	9.696 387	13	9.758 002	17	0.241 998	9.938 385	4	196	18
805	9.696 400	13	9.758 019	18	0.241 981	9.938 381	5	195	1 1.8
806	9.696 413	13	9.758 037	17	0.241 963	9.938 376	4	194	2 3.6
807	9.696 426	13	9.758 054	18	0.241 946	9.938 372	4	193	3 5.4
808	9.696 439	14	9.758 072	17	0.241 928	9.938 368	5	192	4 7.2
809	9.696 453	13	9.758 089	18	0.241 911	9.938 363	4	191	5 9.0
.810	9.696 466	13	9.758 107	18	0.241 893	9.938 359	4	.190	6 10.8
811	9.696 479	13	9.758 125	17	0.241 875	9.938 355	5	189	7 12.6
812	9.696 492	14	9.758 142	18	0.241 858	9.938 350	4	188	8 14.4
813	9.696 506	13	9.758 160	17	0.241 840	9.938 346	4	187	9 16.2
814	9.696 519	13	9.758 177	18	0.241 823	9.938 342	5	186	
815	9.696 532	13	9.758 195	17	0.241 805	9.938 337	4	185	17
816	9.696 545	14	9.758 212	18	0.241 788	9.938 333	4	184	1 1.7
817	9.696 559	13	9.758 230	18	0.241 770	9.938 329	5	183	2 3.4
818	9.696 572	13	9.758 248	17	0.241 752	9.938 324	4	182	3 5.1
819	9.696 585	13	9.758 265	18	0.241 735	9.938 320	4	181	4 6.8
.820	9.696 598	13	9.758 283	17	0.241 717	9.938 316	5	.180	5 8.5
821	9.696 611	14	9.758 300	18	0.241 700	9.938 311	4	179	6 10.2
822	9.696 625	13	9.758 318	17	0.241 682	9.938 307	5	178	7 11.9
823	9.696 638	13	9.758 335	18	0.241 665	9.938 302	4	177	8 13.6
824	9.696 651	13	9.758 353	18	0.241 647	9.938 298	4	176	9 15.3
825	9.696 664	14	9.758 371	17	0.241 629	9.938 294	5	175	
826	9.696 678	13	9.758 388	18	0.241 612	9.938 289	4	174	
827	9.696 691	13	9.758 406	17	0.241 594	9.938 285	4	173	14
828	9.696 704	13	9.758 423	18	0.241 577	9.938 281	5	172	1 1.4
829	9.696 717	13	9.758 441	17	0.241 559	9.938 276	4	171	2 2.8
.830	9.696 730	14	9.758 458	18	0.241 542	9.938 272	4	.170	3 4.2
831	9.696 744	13	9.758 476	18	0.241 524	9.938 268	5	169	4 5.6
832	9.696 757	13	9.758 494	17	0.241 506	9.938 263	4	168	5 7.0
833	9.696 770	13	9.758 511	18	0.241 489	9.938 259	4	167	6 8.4
834	9.696 783	14	9.758 529	17	0.241 471	9.938 255	5	166	7 9.8
835	9.696 797	13	9.758 546	18	0.241 454	9.938 250	4	165	8 11.2
836	9.696 810	13	9.758 564	17	0.241 436	9.938 246	4	164	9 12.6
837	9.696 823	13	9.758 581	18	0.241 419	9.938 242	5	163	
838	9.696 836	13	9.758 599	17	0.241 401	9.938 237	4	162	
839	9.696 849	14	9.758 616	18	0.241 384	9.938 233	4	161	13
.840	9.696 863	13	9.758 634	18	0.241 366	9.938 229	5	.160	1 1.3
841	9.696 876	13	9.758 652	17	0.241 348	9.938 224	4	159	2 2.6
842	9.696 889	13	9.758 669	18	0.241 331	9.938 220	4	158	3 3.9
843	9.696 902	13	9.758 687	17	0.241 313	9.938 216	5	157	4 5.2
844	9.696 915	14	9.758 704	18	0.241 296	9.938 211	4	156	5 6.5
845	9.696 929	13	9.758 722	17	0.241 278	9.938 207	5	155	6 7.8
846	9.696 942	13	9.758 739	18	0.241 261	9.938 202	4	154	7 9.1
847	9.696 955	13	9.758 757	18	0.241 243	9.938 198	4	153	8 10.4
848	9.696 968	14	9.758 775	17	0.241 225	9.938 194	5	152	9 11.7
849	9.696 982	13	9.758 792	18	0.241 208	9.938 189	4	151	
.850	9.696 995		9.758 810		0.241 190	9.938 185		.150	
	cos	d	cotg	d	tang	sin	d	60°	P.P.

60°.200 — 60°.150

29°.850 — 29°.900

29°	sin	d	tang	d	cotg	cos	d		P.P.
.850	9.696 995	13	9.758 810	17	0.241 190	9.938 185	4	**.150**	
851	9.697 008	13	9.758 827	18	0.241 173	9.938 181	5	149	
852	9.697 021	13	9.758 845	17	0.241 155	9.938 176	4	148	
853	9.697 034	14	9.758 862	18	0.241 138	9.938 172	4	147	
854	9.697 048	13	9.758 880	17	0.241 120	9.938 168	5	146	
855	9.697 061	13	9.758 897	18	0.241 103	9.938 163	4	145	
856	9.697 074	13	9.758 915	18	0.241 085	9.938 159	4	144	
857	9.697 087	13	9.758 933	17	0.241 067	9.938 155	5	143	
858	9.697 100	14	9.758 950	18	0.241 050	9.938 150	4	142	
859	9.697 114	13	9.758 968	17	0.241 032	9.938 146	4	141	
.860	9.697 127	13	9.758 985	18	0.241 015	9.938 142	5	**.140**	
861	9.697 140	13	9.759 003	17	0.240 997	9.938 137	4	139	
862	9.697 153	13	9.759 020	18	0.240 980	9.938 133	4	138	
863	9.697 166	14	9.759 038	17	0.240 962	9.938 129	5	137	
864	9.697 180	13	9.759 055	18	0.240 945	9.938 124	4	136	
865	9.697 193	13	9.759 073	18	0.240 927	9.938 120	5	135	
866	9.697 206	13	9.759 091	17	0.240 909	9.938 115	4	134	
867	9.697 219	13	9.759 108	18	0.240 892	9.938 111	4	133	
868	9.697 232	14	9.759 126	17	0.240 874	9.938 107	5	132	
869	9.697 246	13	9.759 143	18	0.240 857	9.938 102	4	131	
.870	9.697 259	13	9.759 161	17	0.240 839	9.938 098	4	**.130**	
871	9.697 272	13	9.759 178	18	0.240 822	9.938 094	5	129	
872	9.697 285	13	9.759 196	17	0.240 804	9.938 089	4	128	
873	9.697 298	14	9.759 213	18	0.240 787	9.938 085	4	127	
874	9.697 312	13	9.759 231	17	0.240 769	9.938 081	5	126	
875	9.697 325	13	9.759 248	18	0.240 752	9.938 076	4	125	
876	9.697 338	13	9.759 266	18	0.240 734	9.938 072	4	124	
877	9.697 351	13	9.759 284	17	0.240 716	9.938 068	5	123	
878	9.697 364	14	9.759 301	18	0.240 699	9.938 063	4	122	
879	9.697 378	13	9.759 319	17	0.240 681	9.938 059	4	121	
.880	9.697 391	13	9.759 336	18	0.240 664	9.938 055	5	**.120**	
881	9.697 404	13	9.759 354	17	0.240 646	9.938 050	4	119	
882	9.697 417	13	9.759 371	18	0.240 629	9.938 046	5	118	
883	9.697 430	14	9.759 389	17	0.240 611	9.938 041	4	117	
884	9.697 444	13	9.759 406	18	0.240 594	9.938 037	4	116	
885	9.697 457	13	9.759 424	18	0.240 576	9.938 033	5	115	
886	9.697 470	13	9.759 442	17	0.240 558	9.938 028	4	114	
887	9.697 483	13	9.759 459	18	0.240 541	9.938 024	4	113	
888	9.697 496	13	9.759 477	17	0.240 523	9.938 020	5	112	
889	9.697 509	14	9.759 494	18	0.240 506	9.938 015	4	111	
.890	9.697 523	13	9.759 512	17	0.240 488	9.938 011	4	**.110**	
891	9.697 536	13	9.759 529	18	0.240 471	9.938 007	5	109	
892	9.697 549	13	9.759 547	17	0.240 453	9.938 002	4	108	
893	9.697 562	13	9.759 564	18	0.240 436	9.937 998	4	107	
894	9.697 575	14	9.759 582	17	0.240 418	9.937 994	5	106	
895	9.697 589	13	9.759 599	18	0.240 401	9.937 989	4	105	
896	9.697 602	13	9.759 617	17	0.240 383	9.937 985	5	104	
897	9.697 615	13	9.759 634	18	0.240 366	9.937 980	4	103	
898	9.697 628	13	9.759 652	18	0.240 348	9.937 976	4	102	
899	9.697 641	13	9.759 670	17	0.240 330	9.937 972	5	101	
.900	9.697 654		9.759 687		0.240 313	9.937 967		**.100**	
	cos	d	cotg	d	tang	sin	d	60°	P.P.

	18
1	1.8
2	3.6
3	5.4
4	7.2
5	9.0
6	10.8
7	12.6
8	14.4
9	16.2

	17
1	1.7
2	3.4
3	5.1
4	6.8
5	8.5
6	10.2
7	11.9
8	13.6
9	15.3

	14
1	1.4
2	2.8
3	4.2
4	5.6
5	7.0
6	8.4
7	9.8
8	11.2
9	12.6

	13
1	1.3
2	2.6
3	3.9
4	5.2
5	6.5
6	7.8
7	9.1
8	10.4
9	11.7

60°.150 — 60°.100

29°.900 — 29°.950

29°	sin	d	tang	d	cotg	cos	d		P.P.
.900	9.697 654	14	9.759 687	18	0.240 313	9.937 967	4	.100	
901	9.697 668	13	9.759 705	17	0.240 295	9.937 963	4	099	
902	9.697 681	13	9.759 722	18	0.240 278	9.937 959	5	098	
903	9.697 694	13	9.759 740	17	0.240 260	9.937 954	4	097	
904	9.697 707	13	9.759 757	18	0.240 243	9.937 950	4	096	
905	9.697 720	14	9.759 775	17	0.240 225	9.937 946	5	095	
906	9.697 734	13	9.759 792	18	0.240 208	9.937 941	4	094	
907	9.697 747	13	9.759 810	17	0.240 190	9.937 937	5	093	
908	9.697 760	13	9.759 827	18	0.240 173	9.937 932	4	092	
909	9.697 773	13	9.759 845	17	0.240 155	9.937 928	4	091	
.910	9.697 786	13	9.759 862	18	0.240 138	9.937 924	5	.090	
911	9.697 799	14	9.759 880	18	0.240 120	9.937 919	4	089	
912	9.697 813	13	9.759 898	17	0.240 102	9.937 915	4	088	
913	9.697 826	13	9.759 915	18	0.240 085	9.937 911	5	087	
914	9.697 839	13	9.759 933	17	0.240 067	9.937 906	4	086	
915	9.697 852	13	9.759 950	18	0.240 050	9.937 902	4	085	
916	9.697 865	13	9.759 968	17	0.240 032	9.937 898	5	084	
917	9.697 878	14	9.759 985	18	0.240 015	9.937 893	4	083	
918	9.697 892	13	9.760 003	17	0.239 997	9.937 889	4	082	
919	9.697 905	13	9.760 020	18	0.239 980	9.937 885	5	081	
.920	9.697 918	13	9.760 038	17	0.239 962	9.937 880	4	.080	
921	9.697 931	13	9.760 055	18	0.239 945	9.937 876	5	079	
922	9.697 944	14	9.760 073	17	0.239 927	9.937 871	4	078	
923	9.697 958	13	9.760 090	18	0.239 910	9.937 867	4	077	
924	9.697 971	13	9.760 108	18	0.239 892	9.937 863	5	076	
925	9.697 984	13	9.760 126	17	0.239 874	9.937 858	4	075	
926	9.697 997	13	9.760 143	18	0.239 857	9.937 854	4	074	
927	9.698 010	13	9.760 161	17	0.239 839	9.937 850	5	073	
928	9.698 023	14	9.760 178	18	0.239 822	9.937 845	4	072	
929	9.698 037	13	9.760 196	17	0.239 804	9.937 841	4	071	
.930	9.698 050	13	9.760 213	18	0.239 787	9.937 837	5	.070	
931	9.698 063	13	9.760 231	17	0.239 769	9.937 832	4	069	
932	9.698 076	13	9.760 248	18	0.239 752	9.937 828	5	068	
933	9.698 089	13	9.760 266	17	0.239 734	9.937 823	4	067	
934	9.698 102	14	9.760 283	18	0.239 717	9.937 819	4	066	
935	9.698 116	13	9.760 301	17	0.239 699	9.937 815	5	065	
936	9.698 129	13	9.760 318	18	0.239 682	9.937 810	4	064	
937	9.698 142	13	9.760 336	17	0.239 664	9.937 806	4	063	
938	9.698 155	13	9.760 353	18	0.239 647	9.937 802	5	062	
939	9.698 168	13	9.760 371	17	0.239 629	9.937 797	4	061	
.940	9.698 181	13	9.760 388	18	0.239 612	9.937 793	4	.060	
941	9.698 194	14	9.760 406	17	0.239 594	9.937 789	5	059	
942	9.698 208	13	9.760 423	18	0.239 577	9.937 784	4	058	
943	9.698 221	13	9.760 441	18	0.239 559	9.937 780	5	057	
944	9.698 234	13	9.760 459	17	0.239 541	9.937 775	4	056	
945	9.698 247	13	9.760 476	18	0.239 524	9.937 771	4	055	
946	9.698 260	13	9.760 494	17	0.239 506	9.937 767	5	054	
947	9.698 273	14	9.760 511	18	0.239 489	9.937 762	4	053	
948	9.698 287	13	9.760 529	17	0.239 471	9.937 758	4	052	
949	9.698 300	13	9.760 546	18	0.239 454	9.937 754	5	051	
.950	9.698 313		9.760 564		0.239 436	9.937 749		.050	
	cos	d	cotg	d	tang	sin	d	60°	P.P.

	18
1	1.8
2	3.6
3	5.4
4	7.2
5	9.0
6	10.8
7	12.6
8	14.4
9	16.2

	17
1	1.7
2	3.4
3	5.1
4	6.8
5	8.5
6	10.2
7	11.9
8	13.6
9	15.3

	14
1	1.4
2	2.8
3	4.2
4	5.6
5	7.0
6	8.4
7	9.8
8	11.2
9	12.6

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9	11.7

60°.100 — 60°.050

29°.950 — 30°.000

29°	sin	d	tang	d	cotg	cos	d		P.P.
.950	9.698 313	13	9.760 564	17	0.239 436	9.937 749	4	.050	
951	9.698 326	13	9.760 581	18	0.239 419	9.937 745	5	049	
952	9.698 339	13	9.760 599	17	0.239 401	9.937 740	4	048	
953	9.698 352	14	9.760 616	18	0.239 384	9.937 736	4	047	
954	9.698 366	13	9.760 634	17	0.239 366	9.937 732	5	046	
955	9.698 379	13	9.760 651	18	0.239 349	9.937 727	4	045	
956	9.698 392	13	9.760 669	17	0.239 331	9.937 723	4	044	
957	9.698 405	13	9.760 686	18	0.239 314	9.937 719	5	043	
958	9.698 418	13	9.760 704	17	0.239 296	9.937 714	4	042	
959	9.698 431	13	9.760 721	18	0.239 279	9.937 710	4	041	
.960	9.698 444	14	9.760 739	17	0.239 261	9.937 706	5	.040	
961	9.698 458	13	9.760 756	18	0.239 244	9.937 701	4	039	
962	9.698 471	13	9.760 774	17	0.239 226	9.937 697	5	038	
963	9.698 484	13	9.760 791	18	0.239 209	9.937 692	4	037	
964	9.698 497	13	9.760 809	17	0.239 191	9.937 688	4	036	
965	9.698 510	13	9.760 826	18	0.239 174	9.937 684	5	035	
966	9.698 523	13	9.760 844	18	0.239 156	9.937 679	4	034	
967	9.698 536	14	9.760 862	17	0.239 138	9.937 675	4	033	
968	9.698 550	13	9.760 879	18	0.239 121	9.937 671	5	032	
969	9.698 563	13	9.760 897	17	0.239 103	9.937 666	4	031	
.970	9.698 576	13	9.760 914	18	0.239 086	9.937 662	5	.030	
971	9.698 589	13	9.760 932	17	0.239 068	9.937 657	4	029	
972	9.698 602	13	9.760 949	18	0.239 051	9.937 653	4	028	
973	9.698 615	13	9.760 967	17	0.239 033	9.937 649	5	027	
974	9.698 628	14	9.760 984	18	0.239 016	9.937 644	4	026	
975	9.698 642	13	9.761 002	17	0.238 998	9.937 640	4	025	
976	9.698 655	13	9.761 019	18	0.238 981	9.937 636	5	024	
977	9.698 668	13	9.761 037	17	0.238 963	9.937 631	4	023	
978	9.698 681	13	9.761 054	18	0.238 946	9.937 627	5	022	
979	9.698 694	13	9.761 072	17	0.238 928	9.937 622	4	021	
.980	9.698 707	13	9.761 089	18	0.238 911	9.937 618	4	.020	
981	9.698 720	14	9.761 107	17	0.238 893	9.937 614	5	019	
982	9.698 734	13	9.761 124	18	0.238 876	9.937 609	4	018	
983	9.698 747	13	9.761 142	17	0.238 858	9.937 605	4	017	
984	9.698 760	13	9.761 159	18	0.238 841	9.937 601	5	016	
985	9.698 773	13	9.761 177	17	0.238 823	9.937 596	4	015	
986	9.698 786	13	9.761 194	18	0.238 806	9.937 592	4	014	
987	9.698 799	13	9.761 212	17	0.238 788	9.937 588	5	013	
988	9.698 812	14	9.761 229	18	0.238 771	9.937 583	4	012	
989	9.698 826	13	9.761 247	17	0.238 753	9.937 579	5	011	
.990	9.698 839	13	9.761 264	18	0.238 736	9.937 574	4	.010	
991	9.698 852	13	9.761 282	17	0.238 718	9.937 570	4	009	
992	9.698 865	13	9.761 299	18	0.238 701	9.937 566	5	008	
993	9.698 878	13	9.761 317	17	0.238 683	9.937 561	4	007	
994	9.698 891	13	9.761 334	18	0.238 666	9.937 557	4	006	
995	9.698 904	13	9.761 352	17	0.238 648	9.937 553	5	005	
996	9.698 917	14	9.761 369	18	0.238 631	9.937 548	4	004	
997	9.698 931	13	9.761 387	17	0.238 613	9.937 544	5	003	
998	9.698 944	13	9.761 404	18	0.238 596	9.937 539	4	002	
999	9.698 957	13	9.761 422	17	0.238 578	9.937 535	4	001	
*.000	9.698 970		9.761 439		0.238 561	9.937 531		.000	
	cos	d	cotg	d	tang	sin	d	60°	P.P.

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60°.050 — 60°.000

30°.000 — 30°.050

30°	sin	d	tang	d	cotg	cos	d		P.P.
.000	9.698 970	13	9.761 439	18	0.238 561	9.937 531	5	***000**	
001	9.698 983	13	9.761 457	17	0.238 543	9.937 526	4	999	
002	9.698 996	13	9.761 474	18	0.238 526	9.937 522	4	998	
003	9.699 009	14	9.761 492	17	0.238 508	9.937 518	5	997	
004	9.699 023	13	9.761 509	18	0.238 491	9.937 513	4	996	18
005	9.699 036	13	9.761 527	17	0.238 473	9.937 509	5	995	1 1.8
006	9.699 049	13	9.761 544	18	0.238 456	9.937 504	4	994	2 3.6
007	9.699 062	13	9.761 562	17	0.238 438	9.937 500	4	993	3 5.4
008	9.699 075	13	9.761 579	18	0.238 421	9.937 496	5	992	4 7.2
009	9.699 088	13	9.761 597	17	0.238 403	9.937 491	4	991	5 9.0
.010	9.699 101	13	9.761 614	18	0.238 386	9.937 487	5	**.990**	6 10.8
011	9.699 114	14	9.761 632	17	0.238 368	9.937 482	4	989	7 12.6
012	9.699 128	13	9.761 649	18	0.238 351	9.937 478	4	988	8 14.4
013	9.699 141	13	9.761 667	17	0.238 333	9.937 474	5	987	9 16.2
014	9.699 154	13	9.761 684	18	0.238 316	9.937 469	4	986	
015	9.699 167	13	9.761 702	17	0.238 298	9.937 465	4	985	17
016	9.699 180	13	9.761 719	18	0.238 281	9.937 461	5	984	1 1.7
017	9.699 193	13	9.761 737	17	0.238 263	9.937 456	4	983	2 3.4
018	9.699 206	13	9.761 754	18	0.238 246	9.937 452	5	982	3 5.1
019	9.699 219	13	9.761 772	17	0.238 228	9.937 447	4	981	4 6.8
.020	9.699 232	14	9.761 789	18	0.238 211	9.937 443	4	**.980**	5 8.5
021	9.699 246	13	9.761 807	17	0.238 193	9.937 439	5	979	6 10.2
022	9.699 259	13	9.761 824	18	0.238 176	9.937 434	4	978	7 11.9
023	9.699 272	13	9.761 842	17	0.238 158	9.937 430	4	977	8 13.6
024	9.699 285	13	9.761 859	18	0.238 141	9.937 426	5	976	9 15.3
025	9.699 298	13	9.761 877	17	0.238 123	9.937 421	4	975	
026	9.699 311	13	9.761 894	18	0.238 106	9.937 417	5	974	
027	9.699 324	13	9.761 912	17	0.238 088	9.937 412	4	973	14
028	9.699 337	14	9.761 929	18	0.238 071	9.937 408	4	972	1 1.4
029	9.699 351	13	9.761 947	17	0.238 053	9.937 404	5	971	2 2.8
.030	9.699 364	13	9.761 964	18	0.238 036	9.937 399	4	**.970**	3 4.2
031	9.699 377	13	9.761 982	17	0.238 018	9.937 395	4	969	4 5.6
032	9.699 390	13	9.761 999	18	0.238 001	9.937 391	5	968	5 7.0
033	9.699 403	13	9.762 017	17	0.237 983	9.937 386	4	967	6 8.4
034	9.699 416	13	9.762 034	18	0.237 966	9.937 382	5	966	7 9.8
035	9.699 429	13	9.762 052	17	0.237 948	9.937 377	4	965	8 11.2
036	9.699 442	13	9.762 069	18	0.237 931	9.937 373	4	964	9 12.6
037	9.699 455	14	9.762 087	17	0.237 913	9.937 369	5	963	
038	9.699 469	13	9.762 104	18	0.237 896	9.937 364	4	962	
039	9.699 482	13	9.762 122	17	0.237 878	9.937 360	5	961	13
.040	9.699 495	13	9.762 139	18	0.237 861	9.937 355	4	**.960**	1 1.3
041	9.699 508	13	9.762 157	17	0.237 843	9.937 351	4	959	2 2.6
042	9.699 521	13	9.762 174	18	0.237 826	9.937 347	5	958	3 3.9
043	9.699 534	13	9.762 192	17	0.237 808	9.937 342	4	957	4 5.2
044	9.699 547	13	9.762 209	18	0.237 791	9.937 338	4	956	5 6.5
045	9.699 560	13	9.762 227	17	0.237 773	9.937 334	5	955	6 7.8
046	9.699 573	13	9.762 244	18	0.237 756	9.937 329	4	954	7 9.1
047	9.699 586	14	9.762 262	17	0.237 738	9.937 325	5	953	8 10.4
048	9.699 600	13	9.762 279	18	0.237 721	9.937 320	4	952	9 11.7
049	9.699 613	13	9.762 297	17	0.237 703	9.937 316	4	951	
.050	9.699 626		9.762 314		0.237 686	9.937 312		**.950**	
	cos	d	cotg	d	tang	sin	d	**59°**	P.P.

60°.000 — 59°.950

30°.050 — 30°.100

30°	sin	d	tang	d	cotg	cos	d		P.P.
.050	9.699 626	13	9.762 314	18	0.237 686	9.937 312	5	**.950**	
051	9.699 639	13	9.762 332	17	0.237 668	9.937 307	4	949	
052	9.699 652	13	9.762 349	18	0.237 651	9.937 303	5	948	
053	9.699 665	13	9.762 367	17	0.237 633	9.937 298	4	947	
054	9.699 678	13	9.762 384	18	0.237 616	9.937 294	4	946	18
055	9.699 691	13	9.762 402	17	0.237 598	9.937 290	5	945	1 1.8
056	9.699 704	13	9.762 419	18	0.237 581	9.937 285	4	944	2 3.6
057	9.699 717	14	9.762 437	17	0.237 563	9.937 281	4	943	3 5.4
058	9.699 731	13	9.762 454	18	0.237 546	9.937 277	5	942	4 7.2
059	9.699 744	13	9.762 472	17	0.237 528	9.937 272	4	941	5 9.0
.060	9.699 757	13	9.762 489	18	0.237 511	9.937 268	5	**.940**	6 10.8
061	9.699 770	13	9.762 507	17	0.237 493	9.937 263	4	939	7 12.6
062	9.699 783	13	9.762 524	17	0.237 476	9.937 259	4	938	8 14.4
063	9.699 796	13	9.762 541	18	0.237 459	9.937 255	5	937	9 16.2
064	9.699 809	13	9.762 559	17	0.237 441	9.937 250	4	936	
065	9.699 822	13	9.762 576	18	0.237 424	9.937 246	5	935	17
066	9.699 835	13	9.762 594	17	0.237 406	9.937 241	4	934	1 1.7
067	9.699 848	14	9.762 611	18	0.237 389	9.937 237	4	933	2 3.4
068	9.699 862	13	9.762 629	17	0.237 371	9.937 233	5	932	3 5.1
069	9.699 875	13	9.762 646	18	0.237 354	9.937 228	4	931	4 6.8
.070	9.699 888	13	9.762 664	17	0.237 336	9.937 224	5	**.930**	5 8.5
071	9.699 901	13	9.762 681	18	0.237 319	9.937 219	4	929	6 10.2
072	9.699 914	13	9.762 699	17	0.237 301	9.937 215	4	928	7 11.9
073	9.699 927	13	9.762 716	18	0.237 284	9.937 211	5	927	8 13.6
074	9.699 940	13	9.762 734	17	0.237 266	9.937 206	4	926	9 15.3
075	9.699 953	13	9.762 751	18	0.237 249	9.937 202	4	925	
076	9.699 966	13	9.762 769	17	0.237 231	9.937 198	5	924	
077	9.699 979	13	9.762 786	18	0.237 214	9.937 193	4	923	14
078	9.699 992	14	9.762 804	17	0.237 196	9.937 189	5	922	1 1.4
079	9.700 006	13	9.762 821	18	0.237 179	9.937 184	4	921	2 2.8
.080	9.700 019	13	9.762 839	17	0.237 161	9.937 180	4	**.920**	3 4.2
081	9.700 032	13	9.762 856	18	0.237 144	9.937 176	5	919	4 5.6
082	9.700 045	13	9.762 874	17	0.237 126	9.937 171	4	918	5 7.0
083	9.700 058	13	9.762 891	18	0.237 109	9.937 167	5	917	6 8.4
084	9.700 071	13	9.762 909	17	0.237 091	9.937 162	4	916	7 9.8
085	9.700 084	13	9.762 926	17	0.237 074	9.937 158	4	915	8 11.2
086	9.700 097	13	9.762 943	18	0.237 057	9.937 154	5	914	9 12.6
087	9.700 110	13	9.762 961	17	0.237 039	9.937 149	4	913	
088	9.700 123	13	9.762 978	18	0.237 022	9.937 145	5	912	
089	9.700 136	13	9.762 996	17	0.237 004	9.937 140	4	911	13
.090	9.700 149	14	9.763 013	18	0.236 987	9.937 136	4	**.910**	1 1.3
091	9.700 163	13	9.763 031	17	0.236 969	9.937 132	5	909	2 2.6
092	9.700 176	13	9.763 048	18	0.236 952	9.937 127	4	908	3 3.9
093	9.700 189	13	9.763 066	17	0.236 934	9.937 123	5	907	4 5.2
094	9.700 202	13	9.763 083	18	0.236 917	9.937 118	4	906	5 6.5
095	9.700 215	13	9.763 101	17	0.236 899	9.937 114	4	905	6 7.8
096	9.700 228	13	9.763 118	18	0.236 882	9.937 110	5	904	7 9.1
097	9.700 241	13	9.763 136	17	0.236 864	9.937 105	4	903	8 10.4
098	9.700 254	13	9.763 153	18	0.236 847	9.937 101	4	902	9 11.7
099	9.700 267	13	9.763 171	17	0.236 829	9.937 097	5	901	
.100	9.700 280		9.763 188		0.236 812	9.937 092		**.900**	
	cos	d	cotg	d	tang	sin	d	59°	P.P.

59°.950 — 59°.900

30°.100 — 30°.150

30°	sin	d	tang	d	cotg	cos	d		P.P.
.100	9.700 280	13	9.763 188	18	0.236 812	9.937 092	4	**.900**	
101	9.700 293	13	9.763 206	17	0.236 794	9.937 088	5	899	
102	9.700 306	13	9.763 223	18	0.236 777	9.937 083	4	898	
103	9.700 319	14	9.763 241	17	0.236 759	9.937 079	4	897	
104	9.700 333	13	9.763 258	17	0.236 742	9.937 075	5	896	
105	9.700 346	13	9.763 275	18	0.236 725	9.937 070	4	895	
106	9.700 359	13	9.763 293	17	0.236 707	9.937 066	5	894	
107	9.700 372	13	9.763 310	18	0.236 690	9.937 061	4	893	
108	9.700 385	13	9.763 328	17	0.236 672	9.937 057	4	892	
109	9.700 398	13	9.763 345	18	0.236 655	9.937 053	5	891	
.110	9.700 411	13	9.763 363	17	0.236 637	9.937 048	4	**.890**	
111	9.700 424	13	9.763 380	18	0.236 620	9.937 044	5	889	
112	9.700 437	13	9.763 398	17	0.236 602	9.937 039	4	888	
113	9.700 450	13	9.763 415	18	0.236 585	9.937 035	4	887	
114	9.700 463	13	9.763 433	17	0.236 567	9.937 031	5	886	
115	9.700 476	13	9.763 450	18	0.236 550	9.937 026	4	885	
116	9.700 489	13	9.763 468	17	0.236 532	9.937 022	5	884	
117	9.700 502	14	9.763 485	18	0.236 515	9.937 017	4	883	
118	9.700 516	13	9.763 503	17	0.236 497	9.937 013	4	882	
119	9.700 529	13	9.763 520	17	0.236 480	9.937 009	5	881	
.120	9.700 542	13	9.763 537	18	0.236 463	9.937 004	4	**.880**	
121	9.700 555	13	9.763 555	17	0.236 445	9.937 000	5	879	
122	9.700 568	13	9.763 572	18	0.236 428	9.936 995	4	878	
123	9.700 581	13	9.763 590	17	0.236 410	9.936 991	4	877	
124	9.700 594	13	9.763 607	18	0.236 393	9.936 987	5	876	
125	9.700 607	13	9.763 625	17	0.236 375	9.936 982	4	875	
126	9.700 620	13	9.763 642	18	0.236 358	9.936 978	5	874	
127	9.700 633	13	9.763 660	17	0.236 340	9.936 973	4	873	
128	9.700 646	13	9.763 677	18	0.236 323	9.936 969	4	872	
129	9.700 659	13	9.763 695	17	0.236 305	9.936 965	5	871	
.130	9.700 672	13	9.763 712	18	0.236 288	9.936 960	4	**.870**	
131	9.700 685	13	9.763 730	17	0.236 270	9.936 956	5	869	
132	9.700 698	13	9.763 747	17	0.236 253	9.936 951	4	868	
133	9.700 711	14	9.763 764	18	0.236 236	9.936 947	4	867	
134	9.700 725	13	9.763 782	17	0.236 218	9.936 943	5	866	
135	9.700 738	13	9.763 799	18	0.236 201	9.936 938	4	865	
136	9.700 751	13	9.763 817	17	0.236 183	9.936 934	5	864	
137	9.700 764	13	9.763 834	18	0.236 166	9.936 929	4	863	
138	9.700 777	13	9.763 852	17	0.236 148	9.936 925	4	862	
139	9.700 790	13	9.763 869	18	0.236 131	9.936 921	5	861	
.140	9.700 803	13	9.763 887	17	0.236 113	9.936 916	4	**.860**	
141	9.700 816	13	9.763 904	18	0.236 096	9.936 912	5	859	
142	9.700 829	13	9.763 922	17	0.236 078	9.936 907	4	858	
143	9.700 842	13	9.763 939	17	0.236 061	9.936 903	4	857	
144	9.700 855	13	9.763 956	18	0.236 044	9.936 899	5	856	
145	9.700 868	13	9.763 974	17	0.236 026	9.936 894	4	855	
146	9.700 881	13	9.763 991	18	0.236 009	9.936 890	5	854	
147	9.700 894	13	9.764 009	17	0.235 991	9.936 885	4	853	
148	9.700 907	13	9.764 026	18	0.235 974	9.936 881	4	852	
149	9.700 920	13	9.764 044	17	0.235 956	9.936 877	5	851	
.150	9.700 933		9.764 061		0.235 939	9.936 872		**.850**	
	cos	d	cotg	d	tang	sin	d	59°	P.P.

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7	11.9
8	13.6
9	15.3

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1	1.4
2	2.8
3	4.2
4	5.6
5	7.0
6	8.4
7	9.8
8	11.2
9	12.6

	13
1	1.3
2	2.6
3	3.9
4	5.2
5	6.5
6	7.8
7	9.1
8	10.4
9	11.7

59°.900 — 59°.850

30°.150 — 30°.200

30°	sin	d	tang	d	cotg	cos	d		P.P.
.150	9.700 933	13	9.764 061	18	0.235 939	9.936 872	4	**.850**	
151	9.700 946	13	9.764 079	17	0.235 921	9.936 868	5	849	
152	9.700 959	14	9.764 096	18	0.235 904	9.936 863	4	848	
153	9.700 973	13	9.764 114	17	0.235 886	9.936 859	4	847	
154	9.700 986	13	9.764 131	17	0.235 869	9.936 855	5	846	
155	9.700 999	13	9.764 148	18	0.235 852	9.936 850	4	845	
156	9.701 012	13	9.764 166	17	0.235 834	9.936 846	5	844	
157	9.701 025	13	9.764 183	18	0.235 817	9.936 841	4	843	
158	9.701 038	13	9.764 201	17	0.235 799	9.936 837	4	842	
159	9.701 051	13	9.764 218	18	0.235 782	9.936 833	5	841	
.160	9.701 064	13	9.764 236	17	0.235 764	9.936 828	4	**.840**	
161	9.701 077	13	9.764 253	18	0.235 747	9.936 824	5	839	
162	9.701 090	13	9.764 271	17	0.235 729	9.936 819	4	838	
163	9.701 103	13	9.764 288	17	0.235 712	9.936 815	4	837	
164	9.701 116	13	9.764 305	18	0.235 695	9.936 811	5	836	
165	9.701 129	13	9.764 323	17	0.235 677	9.936 806	4	835	
166	9.701 142	13	9.764 340	18	0.235 660	9.936 802	5	834	
167	9.701 155	13	9.764 358	17	0.235 642	9.936 797	4	833	
168	9.701 168	13	9.764 375	18	0.235 625	9.936 793	4	832	
169	9.701 181	13	9.764 393	17	0.235 607	9.936 789	5	831	
.170	9.701 194	13	9.764 410	18	0.235 590	9.936 784	4	**.830**	
171	9.701 207	13	9.764 428	17	0.235 572	9.936 780	5	829	
172	9.701 220	13	9.764 445	17	0.235 555	9.936 775	4	828	
173	9.701 233	13	9.764 462	18	0.235 538	9.936 771	5	827	
174	9.701 246	13	9.764 480	17	0.235 520	9.936 766	4	826	
175	9.701 259	13	9.764 497	18	0.235 503	9.936 762	4	825	
176	9.701 272	14	9.764 515	17	0.235 485	9.936 758	5	824	
177	9.701 286	13	9.764 532	18	0.235 468	9.936 753	4	823	
178	9.701 299	13	9.764 550	17	0.235 450	9.936 749	5	822	
179	9.701 312	13	9.764 567	18	0.235 433	9.936 744	4	821	
.180	9.701 325	13	9.764 585	17	0.235 415	9.936 740	4	**.820**	
181	9.701 338	13	9.764 602	17	0.235 398	9.936 736	5	819	
182	9.701 351	13	9.764 619	18	0.235 381	9.936 731	4	818	
183	9.701 364	13	9.764 637	17	0.235 363	9.936 727	5	817	
184	9.701 377	13	9.764 654	18	0.235 346	9.936 722	4	816	
185	9.701 390	13	9.764 672	17	0.235 328	9.936 718	4	815	
186	9.701 403	13	9.764 689	18	0.235 311	9.936 714	5	814	
187	9.701 416	13	9.764 707	17	0.235 293	9.936 709	4	813	
188	9.701 429	13	9.764 724	18	0.235 276	9.936 705	5	812	
189	9.701 442	13	9.764 742	17	0.235 258	9.936 700	4	811	
.190	9.701 455	13	9.764 759	17	0.235 241	9.936 696	4	**.810**	
191	9.701 468	13	9.764 776	18	0.235 224	9.936 692	5	809	
192	9.701 481	13	9.764 794	17	0.235 206	9.936 687	4	808	
193	9.701 494	13	9.764 811	18	0.235 189	9.936 683	5	807	
194	9.701 507	13	9.764 829	17	0.235 171	9.936 678	4	806	
195	9.701 520	13	9.764 846	18	0.235 154	9.936 674	5	805	
196	9.701 533	13	9.764 864	17	0.235 136	9.936 669	4	804	
197	9.701 546	13	9.764 881	17	0.235 119	9.936 665	4	803	
198	9.701 559	13	9.764 898	18	0.235 102	9.936 661	5	802	
199	9.701 572	13	9.764 916	17	0.235 084	9.936 656	4	801	
.200	9.701 585		9.764 933		0.235 067	9.936 652		**.800**	
	cos	d	cotg	d	tang	sin	d	59°	P.P.

	18
1	1.8
2	3.6
3	5.4
4	7.2
5	9.0
6	10.8
7	12.6
8	14.4
9	16.2

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1	1.7
2	3.4
3	5.1
4	6.8
5	8.5
6	10.2
7	11.9
8	13.6
9	15.3

	14
1	1.4
2	2.8
3	4.2
4	5.6
5	7.0
6	8.4
7	9.8
8	11.2
9	12.6

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1	1.3
2	2.6
3	3.9
4	5.2
5	6.5
6	7.8
7	9.1
8	10.4
9	11.7

59°.850 — 59°.800

30°.200 — 30°.250

30°	sin	d	tang	d	cotg	cos	d		P.P.
.200	9.701 585	13	9.764 933	18	0.235 067	9.936 652	5	**.800**	
201	9.701 598	13	9.764 951	17	0.235 049	9.936 647	4	799	
202	9.701 611	13	9.764 968	18	0.235 032	9.936 643	4	798	
203	9.701 624	13	9.764 986	17	0.235 014	9.936 639	5	797	
204	9.701 637	13	9.765 003	18	0.234 997	9.936 634	4	796	
205	9.701 650	13	9.765 021	17	0.234 979	9.936 630	5	795	
206	9.701 663	13	9.765 038	17	0.234 962	9.936 625	4	794	
207	9.701 676	13	9.765 055	18	0.234 945	9.936 621	4	793	
208	9.701 689	13	9.765 073	17	0.234 927	9.936 617	5	792	
209	9.701 702	13	9.765 090	18	0.234 910	9.936 612	4	791	
.210	9.701 715	13	9.765 108	17	0.234 892	9.936 608	5	**.790**	
211	9.701 728	13	9.765 125	18	0.234 875	9.936 603	4	789	
212	9.701 741	13	9.765 143	17	0.234 857	9.936 599	5	788	
213	9.701 754	13	9.765 160	17	0.234 840	9.936 594	4	787	
214	9.701 767	14	9.765 177	18	0.234 823	9.936 590	4	786	
215	9.701 781	13	9.765 195	17	0.234 805	9.936 586	5	785	
216	9.701 794	13	9.765 212	18	0.234 788	9.936 581	4	784	
217	9.701 807	13	9.765 230	17	0.234 770	9.936 577	5	783	
218	9.701 820	13	9.765 247	18	0.234 753	9.936 572	4	782	
219	9.701 833	13	9.765 265	17	0.234 735	9.936 568	4	781	
.220	9.701 846	13	9.765 282	17	0.234 718	9.936 564	5	**.780**	
221	9.701 859	13	9.765 299	18	0.234 701	9.936 559	4	779	
222	9.701 872	13	9.765 317	17	0.234 683	9.936 555	5	778	
223	9.701 885	13	9.765 334	18	0.234 666	9.936 550	4	777	
224	9.701 898	13	9.765 352	17	0.234 648	9.936 546	4	776	
225	9.701 911	13	9.765 369	18	0.234 631	9.936 542	5	775	
226	9.701 924	13	9.765 387	17	0.234 613	9.936 537	4	774	
227	9.701 937	13	9.765 404	17	0.234 596	9.936 533	5	773	
228	9.701 950	13	9.765 421	18	0.234 579	9.936 528	4	772	
229	9.701 963	13	9.765 439	17	0.234 561	9.936 524	5	771	
.230	9.701 976	13	9.765 456	18	0.234 544	9.936 519	4	**.770**	
231	9.701 989	13	9.765 474	17	0.234 526	9.936 515	4	769	
232	9.702 002	13	9.765 491	18	0.234 509	9.936 511	5	768	
233	9.702 015	13	9.765 509	17	0.234 491	9.936 506	4	767	
234	9.702 028	13	9.765 526	17	0.234 474	9.936 502	5	766	
235	9.702 041	13	9.765 543	18	0.234 457	9.936 497	4	765	
236	9.702 054	13	9.765 561	17	0.234 439	9.936 493	4	764	
237	9.702 067	13	9.765 578	18	0.234 422	9.936 489	5	763	
238	9.702 080	13	9.765 596	17	0.234 404	9.936 484	4	762	
239	9.702 093	13	9.765 613	17	0.234 387	9.936 480	5	761	
.240	9.702 106	13	9.765 630	18	0.234 370	9.936 475	4	**.760**	
241	9.702 119	13	9.765 648	17	0.234 352	9.936 471	5	759	
242	9.702 132	13	9.765 665	18	0.234 335	9.936 466	4	758	
243	9.702 145	13	9.765 683	17	0.234 317	9.936 462	4	757	
244	9.702 158	13	9.765 700	18	0.234 300	9.936 458	5	756	
245	9.702 171	13	9.765 718	17	0.234 282	9.936 453	4	755	
246	9.702 184	13	9.765 735	17	0.234 265	9.936 449	5	754	
247	9.702 197	13	9.765 752	18	0.234 248	9.936 444	4	753	
248	9.702 210	13	9.765 770	17	0.234 230	9.936 440	5	752	
249	9.702 223	13	9.765 787	18	0.234 213	9.936 435	4	751	
.250	9.702 236		9.765 805		0.234 195	9.936 431		**.750**	
	cos	d	cotg	d	tang	sin	d	**59°**	P.P.

	18
1	1.8
2	3.6
3	5.4
4	7.2
5	9.0
6	10.8
7	12.6
8	14.4
9	16.2

	17
1	1.7
2	3.4
3	5.1
4	6.8
5	8.5
6	10.2
7	11.9
8	13.6
9	15.3

	14
1	1.4
2	2.8
3	4.2
4	5.6
5	7.0
6	8.4
7	9.8
8	11.2
9	12.6

	13
1	1.3
2	2.6
3	3.9
4	5.2
5	6.5
6	7.8
7	9.1
8	10.4
9	11.7

59°.800 — 59°.750

30°.250 — 30°.300

30°	sin	d	tang	d	cotg	cos	d		P.P.
.250	9.702 236	13	9.765 805	17	0.234 195	9.936 431	4	**.750**	
251	9.702 249	13	9.765 822	18	0.234 178	9.936 427	5	749	
252	9.702 262	13	9.765 840	17	0.234 160	9.936 422	4	748	
253	9.702 275	13	9.765 857	17	0.234 143	9.936 418	5	747	
254	9.702 288	13	9.765 874	18	0.234 126	9.936 413	4	746	
255	9.702 301	13	9.765 892	17	0.234 108	9.936 409	4	745	
256	9.702 314	13	9.765 909	18	0.234 091	9.936 405	5	744	
257	9.702 327	13	9.765 927	17	0.234 073	9.936 400	4	743	
258	9.702 340	13	9.765 944	17	0.234 056	9.936 396	5	742	
259	9.702 353	13	9.765 961	18	0.234 039	9.936 391	4	741	
.260	9.702 366	13	9.765 979	17	0.234 021	9.936 387	5	**.740**	
261	9.702 379	13	9.765 996	18	0.234 004	9.936 382	4	739	
262	9.702 392	13	9.766 014	17	0.233 986	9.936 378	4	738	
263	9.702 405	13	9.766 031	17	0.233 969	9.936 374	5	737	
264	9.702 418	13	9.766 048	18	0.233 952	9.936 369	4	736	
265	9.702 431	13	9.766 066	17	0.233 934	9.936 365	5	735	
266	9.702 444	13	9.766 083	18	0.233 917	9.936 360	4	734	
267	9.702 457	13	9.766 101	17	0.233 899	9.936 356	5	733	
268	9.702 470	13	9.766 118	18	0.233 882	9.936 351	4	732	
269	9.702 483	13	9.766 136	17	0.233 864	9.936 347	4	731	
.270	9.702 496	13	9.766 153	17	0.233 847	9.936 343	5	**.730**	
271	9.702 509	13	9.766 170	18	0.233 830	9.936 338	4	729	
272	9.702 522	13	9.766 188	17	0.233 812	9.936 334	5	728	
273	9.702 535	13	9.766 205	18	0.233 795	9.936 329	4	727	
274	9.702 548	13	9.766 223	17	0.233 777	9.936 325	5	726	
275	9.702 561	12	9.766 240	17	0.233 760	9.936 320	4	725	
276	9.702 573	13	9.766 257	18	0.233 743	9.936 316	4	724	
277	9.702 586	13	9.766 275	17	0.233 725	9.936 312	5	723	
278	9.702 599	13	9.766 292	18	0.233 708	9.936 307	4	722	
279	9.702 612	13	9.766 310	17	0.233 690	9.936 303	5	721	
.280	9.702 625	13	9.766 327	17	0.233 673	9.936 298	4	**.720**	
281	9.702 638	13	9.766 344	18	0.233 656	9.936 294	4	719	
282	9.702 651	13	9.766 362	17	0.233 638	9.936 290	5	718	
283	9.702 664	13	9.766 379	18	0.233 621	9.936 285	4	717	
284	9.702 677	13	9.766 397	17	0.233 603	9.936 281	5	716	
285	9.702 690	13	9.766 414	17	0.233 586	9.936 276	4	715	
286	9.702 703	13	9.766 431	18	0.233 569	9.936 272	5	714	
287	9.702 716	13	9.766 449	17	0.233 551	9.936 267	4	713	
288	9.702 729	13	9.766 466	18	0.233 534	9.936 263	4	712	
289	9.702 742	13	9.766 484	17	0.233 516	9.936 259	5	711	
.290	9.702 755	13	9.766 501	18	0.233 499	9.936 254	4	**.710**	
291	9.702 768	13	9.766 519	17	0.233 481	9.936 250	5	709	
292	9.702 781	13	9.766 536	17	0.233 464	9.936 245	4	708	
293	9.702 794	13	9.766 553	18	0.233 447	9.936 241	5	707	
294	9.702 807	13	9.766 571	17	0.233 429	9.936 236	4	706	
295	9.702 820	13	9.766 588	18	0.233 412	9.936 232	4	705	
296	9.702 833	13	9.766 606	17	0.233 394	9.936 228	5	704	
297	9.702 846	13	9.766 623	17	0.233 377	9.936 223	4	703	
298	9.702 859	13	9.766 640	18	0.233 360	9.936 219	5	702	
299	9.702 872	13	9.766 658	17	0.233 342	9.936 214	4	701	
.300	9.702 885		9.766 675		0.233 325	9.936 210		**.700**	
	cos	d	cotg	d	tang	sin	d	59°	P.P.

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1	1.8
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5	9.0
6	10.8
7	12.6
8	14.4
9	16.2

	17
1	1.7
2	3.4
3	5.1
4	6.8
5	8.5
6	10.2
7	11.9
8	13.6
9	15.3

	13
1	1.3
2	2.6
3	3.9
4	5.2
5	6.5
6	7.8
7	9.1
8	10.4
9	11.7

	12
1	1.2
2	2.4
3	3.6
4	4.8
5	6.0
6	7.2
7	8.4
8	9.6
9	10.8

59°.750 — 59°.700

30°.300 — 30°.350

30°	sin	d	tang	d	cotg	cos	d		P.P.
.300	9.702 885	13	9.766 675	18	0.233 325	9.936 210	5	**.700**	
301	9.702 898	13	9.766 693	17	0.233 307	9.936 205	4	699	
302	9.702 911	13	9.766 710	17	0.233 290	9.936 201	4	698	
303	9.702 924	13	9.766 727	18	0.233 273	9.936 197	5	697	
304	9.702 937	13	9.766 745	17	0.233 255	9.936 192	4	696	18
305	9.702 950	13	9.766 762	18	0.233 238	9.936 188	5	695	1 1.8
306	9.702 963	13	9.766 780	17	0.233 220	9.936 183	4	694	2 3.6
307	9.702 976	13	9.766 797	17	0.233 203	9.936 179	5	693	3 5.4
308	9.702 989	13	9.766 814	18	0.233 186	9.936 174	4	692	4 7.2
309	9.703 002	13	9.766 832	17	0.233 168	9.936 170	4	691	5 9.0
.310	9.703 015	13	9.766 849	18	0.233 151	9.936 166	5	**.690**	6 10.8
311	9.703 028	13	9.766 867	17	0.233 133	9.936 161	4	689	7 12.6
312	9.703 041	13	9.766 884	17	0.233 116	9.936 157	5	688	8 14.4
313	9.703 054	12	9.766 901	18	0.233 099	9.936 152	4	687	9 16.2
314	9.703 066	13	9.766 919	17	0.233 081	9.936 148	5	686	
315	9.703 079	13	9.766 936	18	0.233 064	9.936 143	4	685	17
316	9.703 092	13	9.766 954	17	0.233 046	9.936 139	5	684	1 1.7
317	9.703 105	13	9.766 971	17	0.233 029	9.936 134	4	683	2 3.4
318	9.703 118	13	9.766 988	18	0.233 012	9.936 130	4	682	3 5.1
319	9.703 131	13	9.767 006	17	0.232 994	9.936 126	5	681	4 6.8
.320	9.703 144	13	9.767 023	17	0.232 977	9.936 121	4	**.680**	5 8.5
321	9.703 157	13	9.767 040	18	0.232 960	9.936 117	5	679	6 10.2
322	9.703 170	13	9.767 058	17	0.232 942	9.936 112	4	678	7 11.9
323	9.703 183	13	9.767 075	18	0.232 925	9.936 108	5	677	8 13.6
324	9.703 196	13	9.767 093	17	0.232 907	9.936 103	4	676	9 15.3
325	9.703 209	13	9.767 110	17	0.232 890	9.936 099	4	675	
326	9.703 222	13	9.767 127	18	0.232 873	9.936 095	5	674	
327	9.703 235	13	9.767 145	17	0.232 855	9.936 090	4	673	13
328	9.703 248	13	9.767 162	18	0.232 838	9.936 086	5	672	1 1.3
329	9.703 261	13	9.767 180	17	0.232 820	9.936 081	4	671	2 2.6
.330	9.703 274	13	9.767 197	17	0.232 803	9.936 077	5	**.670**	3 3.9
331	9.703 287	13	9.767 214	18	0.232 786	9.936 072	4	669	4 5.2
332	9.703 300	13	9.767 232	17	0.232 768	9.936 068	4	668	5 6.5
333	9.703 313	13	9.767 249	18	0.232 751	9.936 064	5	667	6 7.8
334	9.703 326	13	9.767 267	17	0.232 733	9.936 059	4	666	7 9.1
335	9.703 339	13	9.767 284	17	0.232 716	9.936 055	5	665	8 10.4
336	9.703 352	13	9.767 301	18	0.232 699	9.936 050	4	664	9 11.7
337	9.703 365	12	9.767 319	17	0.232 681	9.936 046	5	663	
338	9.703 377	13	9.767 336	18	0.232 664	9.936 041	4	662	
339	9.703 390	13	9.767 354	17	0.232 646	9.936 037	5	661	12
.340	9.703 403	13	9.767 371	17	0.232 629	9.936 032	4	**.660**	1 1.2
341	9.703 416	13	9.767 388	18	0.232 612	9.936 028	4	659	2 2.4
342	9.703 429	13	9.767 406	17	0.232 594	9.936 024	5	658	3 3.6
343	9.703 442	13	9.767 423	17	0.232 577	9.936 019	4	657	4 4.8
344	9.703 455	13	9.767 440	18	0.232 560	9.936 015	5	656	5 6.0
345	9.703 468	13	9.767 458	17	0.232 542	9.936 010	4	655	6 7.2
346	9.703 481	13	9.767 475	18	0.232 525	9.936 006	5	654	7 8.4
347	9.703 494	13	9.767 493	17	0.232 507	9.936 001	4	653	8 9.6
348	9.703 507	13	9.767 510	17	0.232 490	9.935 997	4	652	9 10.8
349	9.703 520	13	9.767 527	18	0.232 473	9.935 993	5	651	
.350	9.703 533		9.767 545		0.232 455	9.935 988		**.650**	
	cos	d	cotg	d	tang	sin	d	59°	P.P.

59°.700 — 59°.650

30°.350 — 30°.400

30°	sin	d	tang	d	cotg	cos	d		P.P.
.350	9.703 533	13	9.767 545	17	0.232 455	9.935 988	4	**.650**	
351	9.703 546	13	9.767 562	18	0.232 438	9.935 984	5	649	
352	9.703 559	13	9.767 580	17	0.232 420	9.935 979	4	648	
353	9.703 572	13	9.767 597	17	0.232 403	9.935 975	5	647	
354	9.703 585	13	9.767 614	18	0.232 386	9.935 970	4	646	18
355	9.703 598	13	9.767 632	17	0.232 368	9.935 966	5	645	1 1.8
356	9.703 611	12	9.767 649	17	0.232 351	9.935 961	4	644	2 3.6
357	9.703 623	13	9.767 666	18	0.232 334	9.935 957	4	643	3 5.4
358	9.703 636	13	9.767 684	17	0.232 316	9.935 953	5	642	4 7.2
359	9.703 649	13	9.767 701	18	0.232 299	9.935 948	4	641	5 9.0
.360	9.703 662	13	9.767 719	17	0.232 281	9.935 944	5	**.640**	6 10.8
361	9.703 675	13	9.767 736	17	0.232 264	9.935 939	4	639	7 12.6
362	9.703 688	13	9.767 753	18	0.232 247	9.935 935	5	638	8 14.4
363	9.703 701	13	9.767 771	17	0.232 229	9.935 930	4	637	9 16.2
364	9.703 714	13	9.767 788	17	0.232 212	9.935 926	4	636	
365	9.703 727	13	9.767 805	18	0.232 195	9.935 922	5	635	17
366	9.703 740	13	9.767 823	17	0.232 177	9.935 917	4	634	1 1.7
367	9.703 753	13	9.767 840	18	0.232 160	9.935 913	5	633	2 3.4
368	9.703 766	13	9.767 858	17	0.232 142	9.935 908	4	632	3 5.1
369	9.703 779	13	9.767 875	17	0.232 125	9.935 904	5	631	4 6.8
.370	9.703 792	13	9.767 892	18	0.232 108	9.935 899	4	**.630**	5 8.5
371	9.703 805	13	9.767 910	17	0.232 090	9.935 895	5	629	6 10.2
372	9.703 818	12	9.767 927	17	0.232 073	9.935 890	4	628	7 11.9
373	9.703 830	13	9.767 944	18	0.232 056	9.935 886	4	627	8 13.6
374	9.703 843	13	9.767 962	17	0.232 038	9.935 882	5	626	9 15.3
375	9.703 856	13	9.767 979	18	0.232 021	9.935 877	4	625	
376	9.703 869	13	9.767 997	17	0.232 003	9.935 873	5	624	
377	9.703 882	13	9.768 014	17	0.231 986	9.935 868	4	623	13
378	9.703 895	13	9.768 031	18	0.231 969	9.935 864	5	622	1 1.3
379	9.703 908	13	9.768 049	17	0.231 951	9.935 859	4	621	2 2.6
.380	9.703 921	13	9.768 066	17	0.231 934	9.935 855	5	**.620**	3 3.9
381	9.703 934	13	9.768 083	18	0.231 917	9.935 850	4	619	4 5.2
382	9.703 947	13	9.768 101	17	0.231 899	9.935 846	4	618	5 6.5
383	9.703 960	13	9.768 118	18	0.231 882	9.935 842	5	617	6 7.8
384	9.703 973	13	9.768 136	17	0.231 864	9.935 837	4	616	7 9.1
385	9.703 986	13	9.768 153	17	0.231 847	9.935 833	5	615	8 10.4
386	9.703 999	12	9.768 170	18	0.231 830	9.935 828	4	614	9 11.7
387	9.704 011	13	9.768 188	17	0.231 812	9.935 824	5	613	
388	9.704 024	13	9.768 205	17	0.231 795	9.935 819	4	612	
389	9.704 037	13	9.768 222	18	0.231 778	9.935 815	5	611	12
.390	9.704 050	13	9.768 240	17	0.231 760	9.935 810	4	**.610**	1 1.2
391	9.704 063	13	9.768 257	18	0.231 743	9.935 806	4	609	2 2.4
392	9.704 076	13	9.768 275	17	0.231 725	9.935 802	5	608	3 3.6
393	9.704 089	13	9.768 292	17	0.231 708	9.935 797	4	607	4 4.8
394	9.704 102	13	9.768 309	18	0.231 691	9.935 793	5	606	5 6.0
395	9.704 115	13	9.768 327	17	0.231 673	9.935 788	4	605	6 7.2
396	9.704 128	13	9.768 344	17	0.231 656	9.935 784	5	604	7 8.4
397	9.704 141	13	9.768 361	18	0.231 639	9.935 779	4	603	8 9.6
398	9.704 154	13	9.768 379	17	0.231 621	9.935 775	5	602	9 10.8
399	9.704 167	12	9.768 396	18	0.231 604	9.935 770	4	601	
.400	9.704 179		9.768 414		0.231 586	9.935 766		**.600**	
	cos	d	cotg	d	tang	sin	d	59°	P.P.

59°.650 — 59°.600

30°.400 — 30°.450

30°	sin	d	tang	d	cotg	cos	d		P.P.
.400	9.704 179	13	9.768 414	17	0.231 586	9.935 766	4	.600	
401	9.704 192	13	9.768 431	17	0.231 569	9.935 762	5	599	
402	9.704 205	13	9.768 448	18	0.231 552	9.935 757	4	598	
403	9.704 218	13	9.768 466	17	0.231 534	9.935 753	5	597	
404	9.704 231	13	9.768 483	17	0.231 517	9.935 748	4	596	
405	9.704 244	13	9.768 500	18	0.231 500	9.935 744	5	595	
406	9.704 257	13	9.768 518	17	0.231 482	9.935 739	4	594	
407	9.704 270	13	9.768 535	17	0.231 465	9.935 735	5	593	
408	9.704 283	13	9.768 552	18	0.231 448	9.935 730	4	592	
409	9.704 296	13	9.768 570	17	0.231 430	9.935 726	4	591	
.410	9.704 309	13	9.768 587	18	0.231 413	9.935 722	5	.590	
411	9.704 322	12	9.768 605	17	0.231 395	9.935 717	4	589	
412	9.704 334	13	9.768 622	17	0.231 378	9.935 713	5	588	
413	9.704 347	13	9.768 639	18	0.231 361	9.935 708	4	587	
414	9.704 360	13	9.768 657	17	0.231 343	9.935 704	5	586	
415	9.704 373	13	9.768 674	17	0.231 326	9.935 699	4	585	
416	9.704 386	13	9.768 691	18	0.231 309	9.935 695	5	584	
417	9.704 399	13	9.768 709	17	0.231 291	9.935 690	4	583	
418	9.704 412	13	9.768 726	17	0.231 274	9.935 686	5	582	
419	9.704 425	13	9.768 743	18	0.231 257	9.935 681	4	581	
.420	9.704 438	13	9.768 761	17	0.231 239	9.935 677	4	.580	
421	9.704 451	13	9.768 778	17	0.231 222	9.935 673	5	579	
422	9.704 464	13	9.768 795	18	0.231 205	9.935 668	4	578	
423	9.704 477	12	9.768 813	17	0.231 187	9.935 664	5	577	
424	9.704 489	13	9.768 830	18	0.231 170	9.935 659	4	576	
425	9.704 502	13	9.768 848	17	0.231 152	9.935 655	5	575	
426	9.704 515	13	9.768 865	17	0.231 135	9.935 650	4	574	
427	9.704 528	13	9.768 882	18	0.231 118	9.935 646	5	573	
428	9.704 541	13	9.768 900	17	0.231 100	9.935 641	4	572	
429	9.704 554	13	9.768 917	17	0.231 083	9.935 637	5	571	
.430	9.704 567	13	9.768 934	18	0.231 066	9.935 632	4	.570	
431	9.704 580	13	9.768 952	17	0.231 048	9.935 628	4	569	
432	9.704 593	13	9.768 969	17	0.231 031	9.935 624	5	568	
433	9.704 606	12	9.768 986	18	0.231 014	9.935 619	4	567	
434	9.704 618	13	9.769 004	17	0.230 996	9.935 615	5	566	
435	9.704 631	13	9.769 021	17	0.230 979	9.935 610	4	565	
436	9.704 644	13	9.769 038	18	0.230 962	9.935 606	5	564	
437	9.704 657	13	9.769 056	17	0.230 944	9.935 601	4	563	
438	9.704 670	13	9.769 073	18	0.230 927	9.935 597	5	562	
439	9.704 683	13	9.769 091	17	0.230 909	9.935 592	4	561	
.440	9.704 696	13	9.769 108	17	0.230 892	9.935 588	4	.560	
441	9.704 709	13	9.769 125	18	0.230 875	9.935 584	5	559	
442	9.704 722	13	9.769 143	17	0.230 857	9.935 579	4	558	
443	9.704 735	12	9.769 160	17	0.230 840	9.935 575	5	557	
444	9.704 747	13	9.769 177	18	0.230 823	9.935 570	4	556	
445	9.704 760	13	9.769 195	17	0.230 805	9.935 566	5	555	
446	9.704 773	13	9.769 212	17	0.230 788	9.935 561	4	554	
447	9.704 786	13	9.769 229	18	0.230 771	9.935 557	5	553	
448	9.704 799	13	9.769 247	17	0.230 753	9.935 552	4	552	
449	9.704 812	13	9.769 264	17	0.230 736	9.935 548	5	551	
.450	9.704 825		9.769 281		0.230 719	9.935 543		.550	
	cos	d	cotg	d	tang	sin	d	59°	P.P.

	18
1	1.8
2	3.6
3	5.4
4	7.2
5	9.0
6	10.8
7	12.6
8	14.4
9	16.2

	17
1	1.7
2	3.4
3	5.1
4	6.8
5	8.5
6	10.2
7	11.9
8	13.6
9	15.3

	13
1	1.3
2	2.6
3	3.9
4	5.2
5	6.5
6	7.8
7	9.1
8	10.4
9	11.7

	12
1	1.2
2	2.4
3	3.6
4	4.8
5	6.0
6	7.2
7	8.4
8	9.6
9	10.8

59°.600 — 59°.550

30°.450 — 30°.500

30°	sin	d	tang	d	cotg	cos	d		P.P.
.450	9.704 825	13	9.769 281	18	0.230 719	9.935 543	4	**.550**	
451	9.704 838	13	9.769 299	17	0.230 701	9.935 539	5	549	
452	9.704 851	13	9.769 316	17	0.230 684	9.935 534	4	548	
453	9.704 864	12	9.769 333	18	0.230 667	9.935 530	4	547	
454	9.704 876	13	9.769 351	17	0.230 649	9.935 526	5	546	
455	9.704 889	13	9.769 368	18	0.230 632	9.935 521	4	545	
456	9.704 902	13	9.769 386	17	0.230 614	9.935 517	5	544	
457	9.704 915	13	9.769 403	17	0.230 597	9.935 512	4	543	
458	9.704 928	13	9.769 420	18	0.230 580	9.935 508	5	542	
459	9.704 941	13	9.769 438	17	0.230 562	9.935 503	4	541	
.460	9.704 954	13	9.769 455	17	0.230 545	9.935 499	5	**.540**	
461	9.704 967	13	9.769 472	18	0.230 528	9.935 494	4	539	
462	9.704 980	12	9.769 490	17	0.230 510	9.935 490	5	538	
463	9.704 992	13	9.769 507	17	0.230 493	9.935 485	4	537	
464	9.705 005	13	9.769 524	18	0.230 476	9.935 481	4	536	
465	9.705 018	13	9.769 542	17	0.230 458	9.935 477	5	535	
466	9.705 031	13	9.769 559	17	0.230 441	9.935 472	4	534	
467	9.705 044	13	9.769 576	18	0.230 424	9.935 468	5	533	
468	9.705 057	13	9.769 594	17	0.230 406	9.935 463	4	532	
469	9.705 070	13	9.769 611	17	0.230 389	9.935 459	5	531	
.470	9.705 083	12	9.769 628	18	0.230 372	9.935 454	4	**.530**	
471	9.705 095	13	9.769 646	17	0.230 354	9.935 450	5	529	
472	9.705 108	13	9.769 663	17	0.230 337	9.935 445	4	528	
473	9.705 121	13	9.769 680	18	0.230 320	9.935 441	5	527	
474	9.705 134	13	9.769 698	17	0.230 302	9.935 436	4	526	
475	9.705 147	13	9.769 715	17	0.230 285	9.935 432	5	525	
476	9.705 160	13	9.769 732	18	0.230 268	9.935 427	4	524	
477	9.705 173	13	9.769 750	17	0.230 250	9.935 423	4	523	
478	9.705 186	13	9.769 767	17	0.230 233	9.935 419	5	522	
479	9.705 199	12	9.769 784	18	0.230 216	9.935 414	4	521	
.480	9.705 211	13	9.769 802	17	0.230 198	9.935 410	5	**.520**	
481	9.705 224	13	9.769 819	17	0.230 181	9.935 405	4	519	
482	9.705 237	13	9.769 836	18	0.230 164	9.935 401	5	518	
483	9.705 250	13	9.769 854	17	0.230 146	9.935 396	4	517	
484	9.705 263	13	9.769 871	17	0.230 129	9.935 392	5	516	
485	9.705 276	13	9.769 888	18	0.230 112	9.935 387	4	515	
486	9.705 289	13	9.769 906	17	0.230 094	9.935 383	5	514	
487	9.705 302	12	9.769 923	17	0.230 077	9.935 378	4	513	
488	9.705 314	13	9.769 940	18	0.230 060	9.935 374	5	512	
489	9.705 327	13	9.769 958	17	0.230 042	9.935 369	4	511	
.490	9.705 340	13	9.769 975	17	0.230 025	9.935 365	4	**.510**	
491	9.705 353	13	9.769 992	18	0.230 008	9.935 361	5	509	
492	9.705 366	13	9.770 010	17	0.229 990	9.935 356	4	508	
493	9.705 379	13	9.770 027	17	0.229 973	9.935 352	5	507	
494	9.705 392	13	9.770 044	18	0.229 956	9.935 347	4	506	
495	9.705 405	12	9.770 062	17	0.229 938	9.935 343	5	505	
496	9.705 417	13	9.770 079	17	0.229 921	9.935 338	4	504	
497	9.705 430	13	9.770 096	18	0.229 904	9.935 334	5	503	
498	9.705 443	13	9.770 114	17	0.229 886	9.935 329	4	502	
499	9.705 456	13	9.770 131	17	0.229 869	9.935 325	5	501	
.500	9.705 469		9.770 148		0.229 852	9.935 320		**.500**	
	cos	d	cotg	d	tang	sin	d	59°	P.P.

	18
1	1.8
2	3.6
3	5.4
4	7.2
5	9.0
6	10.8
7	12.6
8	14.4
9	16.2

	17
1	1.7
2	3.4
3	5.1
4	6.8
5	8.5
6	10.2
7	11.9
8	13.6
9	15.3

	13
1	1.3
2	2.6
3	3.9
4	5.2
5	6.5
6	7.8
7	9.1
8	10.4
9	11.7

	12
1	1.2
2	2.4
3	3.6
4	4.8
5	6.0
6	7.2
7	8.4
8	9.6
9	10.8

59°.550 — 59°.500

30°.500 — 30°.550

30°	sin	d	tang	d	cotg	cos	d		P.P.
.500	9.705 469	13	9.770 148	18	0.229 852	9.935 320	4	.500	
501	9.705 482	13	9.770 166	17	0.229 834	9.935 316	5	499	
502	9.705 495	12	9.770 183	17	0.229 817	9.935 311	4	498	
503	9.705 507	13	9.770 200	18	0.229 800	9.935 307	4	497	
504	9.705 520	13	9.770 218	17	0.229 782	9.935 303	5	496	
505	9.705 533	13	9.770 235	17	0.229 765	9.935 298	4	495	
506	9.705 546	13	9.770 252	18	0.229 748	9.935 294	5	494	
507	9.705 559	13	9.770 270	17	0.229 730	9.935 289	4	493	
508	9.705 572	13	9.770 287	17	0.229 713	9.935 285	5	492	
509	9.705 585	13	9.770 304	18	0.229 696	9.935 280	4	491	
.510	9.705 598	12	9.770 322	17	0.229 678	9.935 276	5	.490	
511	9.705 610	13	9.770 339	17	0.229 661	9.935 271	4	489	
512	9.705 623	13	9.770 356	18	0.229 644	9.935 267	5	488	
513	9.705 636	13	9.770 374	17	0.229 626	9.935 262	4	487	
514	9.705 649	13	9.770 391	17	0.229 609	9.935 258	5	486	
515	9.705 662	13	9.770 408	18	0.229 592	9.935 253	4	485	
516	9.705 675	13	9.770 426	17	0.229 574	9.935 249	5	484	
517	9.705 688	12	9.770 443	17	0.229 557	9.935 244	4	483	
518	9.705 700	13	9.770 460	18	0.229 540	9.935 240	4	482	
519	9.705 713	13	9.770 478	17	0.229 522	9.935 236	5	481	
.520	9.705 726	13	9.770 495	17	0.229 505	9.935 231	4	.480	
521	9.705 739	13	9.770 512	18	0.229 488	9.935 227	5	479	
522	9.705 752	13	9.770 530	17	0.229 470	9.935 222	4	478	
523	9.705 765	13	9.770 547	17	0.229 453	9.935 218	5	477	
524	9.705 778	12	9.770 564	18	0.229 436	9.935 213	4	476	
525	9.705 790	13	9.770 582	17	0.229 418	9.935 209	5	475	
526	9.705 803	13	9.770 599	17	0.229 401	9.935 204	4	474	
527	9.705 816	13	9.770 616	18	0.229 384	9.935 200	5	473	
528	9.705 829	13	9.770 634	17	0.229 366	9.935 195	4	472	
529	9.705 842	13	9.770 651	17	0.229 349	9.935 191	5	471	
.530	9.705 855	13	9.770 668	18	0.229 332	9.935 186	4	.470	
531	9.705 868	12	9.770 686	17	0.229 314	9.935 182	5	469	
532	9.705 880	13	9.770 703	17	0.229 297	9.935 177	4	468	
533	9.705 893	13	9.770 720	18	0.229 280	9.935 173	5	467	
534	9.705 906	13	9.770 738	17	0.229 262	9.935 168	4	466	
535	9.705 919	13	9.770 755	17	0.229 245	9.935 164	4	465	
536	9.705 932	13	9.770 772	18	0.229 228	9.935 160	5	464	
537	9.705 945	12	9.770 790	17	0.229 210	9.935 155	4	463	
538	9.705 957	13	9.770 807	17	0.229 193	9.935 151	5	462	
539	9.705 970	13	9.770 824	18	0.229 176	9.935 146	4	461	
.540	9.705 983	13	9.770 842	17	0.229 158	9.935 142	5	.460	
541	9.705 996	13	9.770 859	17	0.229 141	9.935 137	4	459	
542	9.706 009	13	9.770 876	17	0.229 124	9.935 133	5	458	
543	9.706 022	13	9.770 893	18	0.229 107	9.935 128	4	457	
544	9.706 035	12	9.770 911	17	0.229 089	9.935 124	5	456	
545	9.706 047	13	9.770 928	17	0.229 072	9.935 119	4	455	
546	9.706 060	13	9.770 945	18	0.229 055	9.935 115	5	454	
547	9.706 073	13	9.770 963	17	0.229 037	9.935 110	4	453	
548	9.706 086	13	9.770 980	17	0.229 020	9.935 106	5	452	
549	9.706 099	13	9.770 997	18	0.229 003	9.935 101	4	451	
.550	9.706 112		9.771 015		0.228 985	9.935 097		.450	
	cos	d	cotg	d	tang	sin	d	59°	P.P.

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59°.500 — 59°.450

30°.550 — 30°.600

30°	sin	d	tang	d	cotg	cos	d		P.P.
.550	9.706 112	12	9.771 015	17	0.228 985	9.935 097	5	.450	
551	9.706 124	13	9.771 032	17	0.228 968	9.935 092	4	449	
552	9.706 137	13	9.771 049	18	0.228 951	9.935 088	5	448	
553	9.706 150	13	9.771 067	17	0.228 933	9.935 083	4	447	
554	9.706 163	13	9.771 084	17	0.228 916	9.935 079	4	446	
555	9.706 176	13	9.771 101	18	0.228 899	9.935 075	5	445	
556	9.706 189	13	9.771 119	17	0.228 881	9.935 070	4	444	
557	9.706 202	12	9.771 136	17	0.228 864	9.935 066	5	443	
558	9.706 214	13	9.771 153	18	0.228 847	9.935 061	4	442	
559	9.706 227	13	9.771 171	17	0.228 829	9.935 057	5	441	
.560	9.706 240	13	9.771 188	17	0.228 812	9.935 052	4	.440	
561	9.706 253	13	9.771 205	17	0.228 795	9.935 048	5	439	
562	9.706 266	13	9.771 222	18	0.228 778	9.935 043	4	438	
563	9.706 279	12	9.771 240	17	0.228 760	9.935 039	5	437	
564	9.706 291	13	9.771 257	17	0.228 743	9.935 034	4	436	
565	9.706 304	13	9.771 274	18	0.228 726	9.935 030	5	435	
566	9.706 317	13	9.771 292	17	0.228 708	9.935 025	4	434	
567	9.706 330	13	9.771 309	17	0.228 691	9.935 021	5	433	
568	9.706 343	13	9.771 326	18	0.228 674	9.935 016	4	432	
569	9.706 356	12	9.771 344	17	0.228 656	9.935 012	5	431	
.570	9.706 368	13	9.771 361	17	0.228 639	9.935 007	4	.430	
571	9.706 381	13	9.771 378	18	0.228 622	9.935 003	5	429	
572	9.706 394	13	9.771 396	17	0.228 604	9.934 998	4	428	
573	9.706 407	13	9.771 413	17	0.228 587	9.934 994	5	427	
574	9.706 420	13	9.771 430	18	0.228 570	9.934 989	4	426	
575	9.706 433	12	9.771 448	17	0.228 552	9.934 985	4	425	
576	9.706 445	13	9.771 465	17	0.228 535	9.934 981	5	424	
577	9.706 458	13	9.771 482	17	0.228 518	9.934 976	4	423	
578	9.706 471	13	9.771 499	18	0.228 501	9.934 972	5	422	
579	9.706 484	13	9.771 517	17	0.228 483	9.934 967	4	421	
.580	9.706 497	13	9.771 534	17	0.228 466	9.934 963	5	.420	
581	9.706 510	12	9.771 551	18	0.228 449	9.934 958	4	419	
582	9.706 522	13	9.771 569	17	0.228 431	9.934 954	5	418	
583	9.706 535	13	9.771 586	17	0.228 414	9.934 949	4	417	
584	9.706 548	13	9.771 603	18	0.228 397	9.934 945	5	416	
585	9.706 561	13	9.771 621	17	0.228 379	9.934 940	4	415	
586	9.706 574	12	9.771 638	17	0.228 362	9.934 936	5	414	
587	9.706 586	13	9.771 655	17	0.228 345	9.934 931	4	413	
588	9.706 599	13	9.771 672	18	0.228 328	9.934 927	5	412	
589	9.706 612	13	9.771 690	17	0.228 310	9.934 922	4	411	
.590	9.706 625	13	9.771 707	17	0.228 293	9.934 918	5	.410	
591	9.706 638	13	9.771 724	18	0.228 276	9.934 913	4	409	
592	9.706 651	12	9.771 742	17	0.228 258	9.934 909	5	408	
593	9.706 663	13	9.771 759	17	0.228 241	9.934 904	4	407	
594	9.706 676	13	9.771 776	18	0.228 224	9.934 900	5	406	
595	9.706 689	13	9.771 794	17	0.228 206	9.934 895	4	405	
596	9.706 702	13	9.771 811	17	0.228 189	9.934 891	5	404	
597	9.706 715	12	9.771 828	18	0.228 172	9.934 886	4	403	
598	9.706 727	13	9.771 846	17	0.228 154	9.934 882	5	402	
599	9.706 740	13	9.771 863	17	0.228 137	9.934 877	4	401	
.600	9.706 753		9.771 880		0.228 120	9.934 873		.400	
	cos	d	cotg	d	tang	sin	d	59°	P.P.

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8	9.6
9	10.8

59°.450 — 59°.400

30°.600 — 30°.650

30°	sin	d	tang	d	cotg	cos	d		P.P.
.600	9.706 753	13	9.771 880	17	0.228 120	9.934 873	4	**.400**	
601	9.706 766	13	9.771 897	18	0.228 103	9.934 869	5	399	
602	9.706 779	13	9.771 915	17	0.228 085	9.934 864	4	398	
603	9.706 792	12	9.771 932	17	0.228 068	9.934 860	5	397	
604	9.706 804	13	9.771 949	18	0.228 051	9.934 855	4	396	
605	9.706 817	13	9.771 967	17	0.228 033	9.934 851	5	395	
606	9.706 830	13	9.771 984	17	0.228 016	9.934 846	4	394	
607	9.706 843	13	9.772 001	17	0.227 999	9.934 842	5	393	
608	9.706 856	12	9.772 018	18	0.227 982	9.934 837	4	392	
609	9.706 868	13	9.772 036	17	0.227 964	9.934 833	5	391	
.610	9.706 881	13	9.772 053	17	0.227 947	9.934 828	4	**.390**	
611	9.706 894	13	9.772 070	18	0.227 930	9.934 824	5	389	
612	9.706 907	13	9.772 088	17	0.227 912	9.934 819	4	388	
613	9.706 920	13	9.772 105	17	0.227 895	9.934 815	5	387	
614	9.706 933	12	9.772 122	18	0.227 878	9.934 810	4	386	
615	9.706 945	13	9.772 140	17	0.227 860	9.934 806	5	385	
616	9.706 958	13	9.772 157	17	0.227 843	9.934 801	4	384	
617	9.706 971	13	9.772 174	17	0.227 826	9.934 797	5	383	
618	9.706 984	13	9.772 191	18	0.227 809	9.934 792	4	382	
619	9.706 997	12	9.772 209	17	0.227 791	9.934 788	5	381	
.620	9.707 009	13	9.772 226	17	0.227 774	9.934 783	4	**.380**	
621	9.707 022	13	9.772 243	18	0.227 757	9.934 779	5	379	
622	9.707 035	13	9.772 261	17	0.227 739	9.934 774	4	378	
623	9.707 048	13	9.772 278	17	0.227 722	9.934 770	5	377	
624	9.707 061	12	9.772 295	17	0.227 705	9.934 765	4	376	
625	9.707 073	13	9.772 312	18	0.227 688	9.934 761	5	375	
626	9.707 086	13	9.772 330	17	0.227 670	9.934 756	4	374	
627	9.707 099	13	9.772 347	17	0.227 653	9.934 752	5	373	
628	9.707 112	13	9.772 364	18	0.227 636	9.934 747	4	372	
629	9.707 125	12	9.772 382	17	0.227 618	9.934 743	5	371	
.630	9.707 137	13	9.772 399	17	0.227 601	9.934 738	4	**.370**	
631	9.707 150	13	9.772 416	18	0.227 584	9.934 734	5	369	
632	9.707 163	13	9.772 434	17	0.227 566	9.934 729	4	368	
633	9.707 176	13	9.772 451	17	0.227 549	9.934 725	5	367	
634	9.707 189	12	9.772 468	17	0.227 532	9.934 720	4	366	
635	9.707 201	13	9.772 485	18	0.227 515	9.934 716	4	365	
636	9.707 214	13	9.772 503	17	0.227 497	9.934 712	5	364	
637	9.707 227	13	9.772 520	17	0.227 480	9.934 707	4	363	
638	9.707 240	13	9.772 537	18	0.227 463	9.934 703	5	362	
639	9.707 253	12	9.772 555	17	0.227 445	9.934 698	4	361	
.640	9.707 265	13	9.772 572	17	0.227 428	9.934 694	5	**.360**	
641	9.707 278	13	9.772 589	17	0.227 411	9.934 689	4	359	
642	9.707 291	13	9.772 606	18	0.227 394	9.934 685	5	358	
643	9.707 304	13	9.772 624	17	0.227 376	9.934 680	4	357	
644	9.707 317	12	9.772 641	17	0.227 359	9.934 676	5	356	
645	9.707 329	13	9.772 658	18	0.227 342	9.934 671	4	355	
646	9.707 342	13	9.772 676	17	0.227 324	9.934 667	5	354	
647	9.707 355	13	9.772 693	17	0.227 307	9.934 662	4	353	
648	9.707 368	13	9.772 710	17	0.227 290	9.934 658	5	352	
649	9.707 381	12	9.772 727	18	0.227 273	9.934 653	4	351	
.650	9.707 393		9.772 745		0.227 255	9.934 649		**.350**	
	cos	d	cotg	d	tang	sin	d	**59°**	P.P.

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59°.400 — 59°.350

30°.650 — 30°.700

30°	sin	d	tang	d	cotg	cos	d		P.P.
.650	9.707 393	13	9.772 745	17	0.227 255	9.934 649	5	**.350**	
651	9.707 406	13	9.772 762	17	0.227 238	9.934 644	4	349	
652	9.707 419	13	9.772 779	18	0.227 221	9.934 640	5	348	
653	9.707 432	12	9.772 797	17	0.227 203	9.934 635	4	347	
654	9.707 444	13	9.772 814	17	0.227 186	9.934 631	5	346	
655	9.707 457	13	9.772 831	17	0.227 169	9.934 626	4	345	
656	9.707 470	13	9.772 848	18	0.227 152	9.934 622	5	344	
657	9.707 483	13	9.772 866	17	0.227 134	9.934 617	4	343	
658	9.707 496	12	9.772 883	17	0.227 117	9.934 613	5	342	
659	9.707 508	13	9.772 900	17	0.227 100	9.934 608	4	341	
.660	9.707 521	13	9.772 917	18	0.227 083	9.934 604	5	**.340**	
661	9.707 534	13	9.772 935	17	0.227 065	9.934 599	4	339	
662	9.707 547	13	9.772 952	17	0.227 048	9.934 595	5	338	
663	9.707 560	12	9.772 969	18	0.227 031	9.934 590	4	337	
664	9.707 572	13	9.772 987	17	0.227 013	9.934 586	5	336	
665	9.707 585	13	9.773 004	17	0.226 996	9.934 581	4	335	
666	9.707 598	13	9.773 021	17	0.226 979	9.934 577	5	334	
667	9.707 611	12	9.773 038	18	0.226 962	9.934 572	4	333	
668	9.707 623	13	9.773 056	17	0.226 944	9.934 568	5	332	
669	9.707 636	13	9.773 073	17	0.226 927	9.934 563	4	331	
.670	9.707 649	13	9.773 090	18	0.226 910	9.934 559	5	**.330**	
671	9.707 662	13	9.773 108	17	0.226 892	9.934 554	4	329	
672	9.707 675	12	9.773 125	17	0.226 875	9.934 550	5	328	
673	9.707 687	13	9.773 142	17	0.226 858	9.934 545	4	327	
674	9.707 700	13	9.773 159	18	0.226 841	9.934 541	5	326	
675	9.707 713	13	9.773 177	17	0.226 823	9.934 536	4	325	
676	9.707 726	13	9.773 194	17	0.226 806	9.934 532	5	324	
677	9.707 739	12	9.773 211	17	0.226 789	9.934 527	4	323	
678	9.707 751	13	9.773 228	18	0.226 772	9.934 523	5	322	
679	9.707 764	13	9.773 246	17	0.226 754	9.934 518	4	321	
.680	9.707 777	13	9.773 263	17	0.226 737	9.934 514	5	**.320**	
681	9.707 790	12	9.773 280	18	0.226 720	9.934 509	4	319	
682	9.707 802	13	9.773 298	17	0.226 702	9.934 505	5	318	
683	9.707 815	13	9.773 315	17	0.226 685	9.934 500	4	317	
684	9.707 828	13	9.773 332	17	0.226 668	9.934 496	5	316	
685	9.707 841	12	9.773 349	18	0.226 651	9.934 491	4	315	
686	9.707 853	13	9.773 367	17	0.226 633	9.934 487	5	314	
687	9.707 866	13	9.773 384	17	0.226 616	9.934 482	4	313	
688	9.707 879	13	9.773 401	17	0.226 599	9.934 478	5	312	
689	9.707 892	13	9.773 418	18	0.226 582	9.934 473	4	311	
.690	9.707 905	12	9.773 436	17	0.226 564	9.934 469	5	**.310**	
691	9.707 917	13	9.773 453	17	0.226 547	9.934 464	4	309	
692	9.707 930	13	9.773 470	18	0.226 530	9.934 460	5	308	
693	9.707 943	13	9.773 488	17	0.226 512	9.934 455	4	307	
694	9.707 956	12	9.773 505	17	0.226 495	9.934 451	5	306	
695	9.707 968	13	9.773 522	17	0.226 478	9.934 446	4	305	
696	9.707 981	13	9.773 539	18	0.226 461	9.934 442	5	304	
697	9.707 994	13	9.773 557	17	0.226 443	9.934 437	4	303	
698	9.708 007	12	9.773 574	17	0.226 426	9.934 433	5	302	
699	9.708 019	13	9.773 591	17	0.226 409	9.934 428	4	301	
.700	9.708 032		9.773 608		0.226 392	9.934 424		**.300**	
	cos	d	cotg	d	tang	sin	d	59°	P.P.

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9	10.8

59°.350 — 59°.300

30°.700 — 30°.750

30°	sin	d	tang	d	cotg	cos	d		P.P.
.700	9.708 032	13	9.773 608	18	0.226 392	9.934 424	5	**.300**	
701	9.708 045	13	9.773 626	17	0.226 374	9.934 419	4	299	
702	9.708 058	13	9.773 643	17	0.226 357	9.934 415	5	298	
703	9.708 071	12	9.773 660	17	0.226 340	9.934 410	4	297	
704	9.708 083	13	9.773 677	18	0.226 323	9.934 406	5	296	
705	9.708 096	13	9.773 695	17	0.226 305	9.934 401	4	295	
706	9.708 109	13	9.773 712	17	0.226 288	9.934 397	5	294	
707	9.708 122	12	9.773 729	18	0.226 271	9.934 392	4	293	
708	9.708 134	13	9.773 747	17	0.226 253	9.934 388	5	292	
709	9.708 147	13	9.773 764	17	0.226 236	9.934 383	4	291	
.710	9.708 160	13	9.773 781	17	0.226 219	9.934 379	5	**.290**	
711	9.708 173	12	9.773 798	18	0.226 202	9.934 374	4	289	
712	9.708 185	13	9.773 816	17	0.226 184	9.934 370	5	288	
713	9.708 198	13	9.773 833	17	0.226 167	9.934 365	4	287	
714	9.708 211	13	9.773 850	17	0.226 150	9.934 361	5	286	
715	9.708 224	12	9.773 867	18	0.226 133	9.934 356	4	285	
716	9.708 236	13	9.773 885	17	0.226 115	9.934 352	5	284	
717	9.708 249	13	9.773 902	17	0.226 098	9.934 347	4	283	
718	9.708 262	13	9.773 919	17	0.226 081	9.934 343	5	282	
719	9.708 275	12	9.773 936	18	0.226 064	9.934 338	4	281	
.720	9.708 287	13	9.773 954	17	0.226 046	9.934 334	5	**.280**	
721	9.708 300	13	9.773 971	17	0.226 029	9.934 329	4	279	
722	9.708 313	13	9.773 988	17	0.226 012	9.934 325	5	278	
723	9.708 326	12	9.774 005	18	0.225 995	9.934 320	4	277	
724	9.708 338	13	9.774 023	17	0.225 977	9.934 316	5	276	
725	9.708 351	13	9.774 040	17	0.225 960	9.934 311	4	275	
726	9.708 364	13	9.774 057	17	0.225 943	9.934 307	5	274	
727	9.708 377	13	9.774 074	18	0.225 926	9.934 302	4	273	
728	9.708 390	12	9.774 092	17	0.225 908	9.934 298	5	272	
729	9.708 402	13	9.774 109	17	0.225 891	9.934 293	4	271	
.730	9.708 415	13	9.774 126	18	0.225 874	9.934 289	5	**.270**	
731	9.708 428	13	9.774 144	17	0.225 856	9.934 284	4	269	
732	9.708 441	12	9.774 161	17	0.225 839	9.934 280	5	268	
733	9.708 453	13	9.774 178	17	0.225 822	9.934 275	4	267	
734	9.708 466	13	9.774 195	18	0.225 805	9.934 271	5	266	
735	9.708 479	13	9.774 213	17	0.225 787	9.934 266	4	265	
736	9.708 492	12	9.774 230	17	0.225 770	9.934 262	5	264	
737	9.708 504	13	9.774 247	17	0.225 753	9.934 257	4	263	
738	9.708 517	13	9.774 264	18	0.225 736	9.934 253	5	262	
739	9.708 530	12	9.774 282	17	0.225 718	9.934 248	4	261	
.740	9.708 542	13	9.774 299	17	0.225 701	9.934 244	5	**.260**	
741	9.708 555	13	9.774 316	17	0.225 684	9.934 239	4	259	
742	9.708 568	13	9.774 333	18	0.225 667	9.934 235	5	258	
743	9.708 581	12	9.774 351	17	0.225 649	9.934 230	4	257	
744	9.708 593	13	9.774 368	17	0.225 632	9.934 226	5	256	
745	9.708 606	13	9.774 385	17	0.225 615	9.934 221	4	255	
746	9.708 619	13	9.774 402	18	0.225 598	9.934 217	5	254	
747	9.708 632	12	9.774 420	17	0.225 580	9.934 212	4	253	
748	9.708 644	13	9.774 437	17	0.225 563	9.934 208	5	252	
749	9.708 657	13	9.774 454	17	0.225 546	9.934 203	4	251	
.750	9.708 670		9.774 471		0.225 529	9.934 199		**.250**	
	cos	d	cotg	d	tang	sin	d	**59°**	P.P.

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7	8.4
8	9.6
9	10.8

59°.300 — 59°.250

30°.750 — 30°.800

30°	sin	d	tang	d	cotg	cos	d		P.P.
.750	9.708 670	13	9.774 471	18	0.225 529	9.934 199	5	.250	
751	9.708 683	12	9.774 489	17	0.225 511	9.934 194	4	249	
752	9.708 695	13	9.774 506	17	0.225 494	9.934 190	5	248	
753	9.708 708	13	9.774 523	17	0.225 477	9.934 185	4	247	
754	9.708 721	13	9.774 540	18	0.225 460	9.934 181	5	246	18
755	9.708 734	12	9.774 558	17	0.225 442	9.934 176	4	245	1 1.8
756	9.708 746	13	9.774 575	17	0.225 425	9.934 172	5	244	2 3.6
757	9.708 759	13	9.774 592	17	0.225 408	9.934 167	4	243	3 5.4
758	9.708 772	13	9.774 609	18	0.225 391	9.934 163	5	242	4 7.2
759	9.708 785	12	9.774 627	17	0.225 373	9.934 158	5	241	5 9.0
.760	9.708 797	13	9.774 644	17	0.225 356	9.934 153	4	.240	6 10.8
761	9.708 810	13	9.774 661	17	0.225 339	9.934 149	5	239	7 12.6
762	9.708 823	13	9.774 678	18	0.225 322	9.934 144	4	238	8 14.4
763	9.708 836	12	9.774 696	17	0.225 304	9.934 140	5	237	9 16.2
764	9.708 848	13	9.774 713	17	0.225 287	9.934 135	4	236	
765	9.708 861	13	9.774 730	17	0.225 270	9.934 131	5	235	
766	9.708 874	12	9.774 747	18	0.225 253	9.934 126	4	234	17
767	9.708 886	13	9.774 765	17	0.225 235	9.934 122	5	233	1 1.7
768	9.708 899	13	9.774 782	17	0.225 218	9.934 117	4	232	2 3.4
769	9.708 912	13	9.774 799	17	0.225 201	9.934 113	5	231	3 5.1
.770	9.708 925	12	9.774 816	18	0.225 184	9.934 108	4	.230	4 6.8
771	9.708 937	13	9.774 834	17	0.225 166	9.934 104	5	229	5 8.5
772	9.708 950	13	9.774 851	17	0.225 149	9.934 099	4	228	6 10.2
773	9.708 963	13	9.774 868	17	0.225 132	9.934 095	5	227	7 11.9
774	9.708 976	12	9.774 885	17	0.225 115	9.934 090	4	226	8 13.6
775	9.708 988	13	9.774 902	18	0.225 098	9.934 086	5	225	9 15.3
776	9.709 001	13	9.774 920	17	0.225 080	9.934 081	4	224	
777	9.709 014	12	9.774 937	17	0.225 063	9.934 077	5	223	13
778	9.709 026	13	9.774 954	17	0.225 046	9.934 072	4	222	1 1.3
779	9.709 039	13	9.774 971	18	0.225 029	9.934 068	5	221	2 2.6
.780	9.709 052	13	9.774 989	17	0.225 011	9.934 063	4	.220	3 3.9
781	9.709 065	12	9.775 006	17	0.224 994	9.934 059	5	219	4 5.2
782	9.709 077	13	9.775 023	17	0.224 977	9.934 054	4	218	5 6.5
783	9.709 090	13	9.775 040	18	0.224 960	9.934 050	5	217	6 7.8
784	9.709 103	13	9.775 058	17	0.224 942	9.934 045	4	216	7 9.1
785	9.709 116	12	9.775 075	17	0.224 925	9.934 041	5	215	8 10.4
786	9.709 128	13	9.775 092	17	0.224 908	9.934 036	4	214	9 11.7
787	9.709 141	13	9.775 109	18	0.224 891	9.934 032	5	213	
788	9.709 154	12	9.775 127	17	0.224 873	9.934 027	4	212	
789	9.709 166	13	9.775 144	17	0.224 856	9.934 023	5	211	12
.790	9.709 179	13	9.775 161	17	0.224 839	9.934 018	4	.210	1 1.2
791	9.709 192	13	9.775 178	18	0.224 822	9.934 014	5	209	2 2.4
792	9.709 205	12	9.775 196	17	0.224 804	9.934 009	4	208	3 3.6
793	9.709 217	13	9.775 213	17	0.224 787	9.934 005	5	207	4 4.8
794	9.709 230	13	9.775 230	17	0.224 770	9.934 000	5	206	5 6.0
795	9.709 243	12	9.775 247	17	0.224 753	9.933 995	4	205	6 7.2
796	9.709 255	13	9.775 264	18	0.224 736	9.933 991	5	204	7 8.4
797	9.709 268	13	9.775 282	17	0.224 718	9.933 986	4	203	8 9.6
798	9.709 281	13	9.775 299	17	0.224 701	9.933 982	5	202	9 10.8
799	9.709 294	12	9.775 316	17	0.224 684	9.933 977	4	201	
.800	9.709 306		9.775 333		0.224 667	9.933 973		.200	
	cos	d	cotg	d	tang	sin	d	59°	P.P.

59°.250 — 59°.200

30°.800 — 30°.850

30°	sin	d	tang	d	cotg	cos	d		P.P.
.800	9.709 306	13	9.775 333	18	0.224 667	9.933 973	5	.200	
801	9.709 319	13	9.775 351	17	0.224 649	9.933 968	4	199	
802	9.709 332	12	9.775 368	17	0.224 632	9.933 964	5	198	
803	9.709 344	13	9.775 385	17	0.224 615	9.933 959	4	197	
804	9.709 357	13	9.775 402	18	0.224 598	9.933 955	5	196	
805	9.709 370	13	9.775 420	17	0.224 580	9.933 950	4	195	
806	9.709 383	12	9.775 437	17	0.224 563	9.933 946	5	194	
807	9.709 395	13	9.775 454	17	0.224 546	9.933 941	4	193	
808	9.709 408	13	9.775 471	18	0.224 529	9.933 937	5	192	
809	9.709 421	12	9.775 489	17	0.224 511	9.933 932	4	191	
.810	9.709 433	13	9.775 506	17	0.224 494	9.933 928	5	.190	
811	9.709 446	13	9.775 523	17	0.224 477	9.933 923	4	189	
812	9.709 459	13	9.775 540	17	0.224 460	9.933 919	5	188	
813	9.709 472	12	9.775 557	18	0.224 443	9.933 914	4	187	
814	9.709 484	13	9.775 575	17	0.224 425	9.933 910	5	186	
815	9.709 497	13	9.775 592	17	0.224 408	9.933 905	4	185	
816	9.709 510	12	9.775 609	17	0.224 391	9.933 901	5	184	
817	9.709 522	13	9.775 626	18	0.224 374	9.933 896	4	183	
818	9.709 535	13	9.775 644	17	0.224 356	9.933 892	5	182	
819	9.709 548	13	9.775 661	17	0.224 339	9.933 887	5	181	
.820	9.709 561	12	9.775 678	17	0.224 322	9.933 882	4	.180	
821	9.709 573	13	9.775 695	17	0.224 305	9.933 878	5	179	
822	9.709 586	13	9.775 712	18	0.224 288	9.933 873	4	178	
823	9.709 599	12	9.775 730	17	0.224 270	9.933 869	5	177	
824	9.709 611	13	9.775 747	17	0.224 253	9.933 864	4	176	
825	9.709 624	13	9.775 764	17	0.224 236	9.933 860	5	175	
826	9.709 637	12	9.775 781	18	0.224 219	9.933 855	4	174	
827	9.709 649	13	9.775 799	17	0.224 201	9.933 851	5	173	
828	9.709 662	13	9.775 816	17	0.224 184	9.933 846	4	172	
829	9.709 675	13	9.775 833	17	0.224 167	9.933 842	5	171	
.830	9.709 688	12	9.775 850	18	0.224 150	9.933 837	4	.170	
831	9.709 700	13	9.775 868	17	0.224 132	9.933 833	5	169	
832	9.709 713	13	9.775 885	17	0.224 115	9.933 828	4	168	
833	9.709 726	12	9.775 902	17	0.224 098	9.933 824	5	167	
834	9.709 738	13	9.775 919	17	0.224 081	9.933 819	4	166	
835	9.709 751	13	9.775 936	18	0.224 064	9.933 815	5	165	
836	9.709 764	12	9.775 954	17	0.224 046	9.933 810	4	164	
837	9.709 776	13	9.775 971	17	0.224 029	9.933 806	5	163	
838	9.709 789	13	9.775 988	17	0.224 012	9.933 801	4	162	
839	9.709 802	13	9.776 005	18	0.223 995	9.933 797	5	161	
.840	9.709 815	12	9.776 023	17	0.223 977	9.933 792	5	.160	
841	9.709 827	13	9.776 040	17	0.223 960	9.933 787	4	159	
842	9.709 840	13	9.776 057	17	0.223 943	9.933 783	5	158	
843	9.709 853	12	9.776 074	17	0.223 926	9.933 778	4	157	
844	9.709 865	13	9.776 091	18	0.223 909	9.933 774	5	156	
845	9.709 878	13	9.776 109	17	0.223 891	9.933 769	4	155	
846	9.709 891	12	9.776 126	17	0.223 874	9.933 765	5	154	
847	9.709 903	13	9.776 143	17	0.223 857	9.933 760	4	153	
848	9.709 916	13	9.776 160	17	0.223 840	9.933 756	5	152	
849	9.709 929	12	9.776 177	18	0.223 823	9.933 751	4	151	
.850	9.709 941		9.776 195		0.223 805	9.933 747		.150	
	cos	d	cotg	d	tang	sin	d	59°	P.P.

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5	6.0
6	7.2
7	8.4
8	9.6
9	10.8

59°.200 — 59°.150

30°.850 — 30°.900

30°	sin	d	tang	d	cotg	cos	d		P.P.
.850	9.709 941	13	9.776 195	17	0.223 805	9.933 747	5	.150	
851	9.709 954	13	9.776 212	17	0.223 788	9.933 742	4	149	
852	9.709 967	13	9.776 229	17	0.223 771	9.933 738	5	148	
853	9.709 980	12	9.776 246	18	0.223 754	9.933 733	4	147	
854	9.709 992	13	9.776 264	17	0.223 736	9.933 729	5	146	
855	9.710 005	13	9.776 281	17	0.223 719	9.933 724	4	145	
856	9.710 018	12	9.776 298	17	0.223 702	9.933 720	5	144	
857	9.710 030	13	9.776 315	17	0.223 685	9.933 715	4	143	
858	9.710 043	13	9.776 332	18	0.223 668	9.933 711	5	142	
859	9.710 056	12	9.776 350	17	0.223 650	9.933 706	5	141	
.860	9.710 068	13	9.776 367	17	0.223 633	9.933 701	4	.140	
861	9.710 081	13	9.776 384	17	0.223 616	9.933 697	5	139	
862	9.710 094	12	9.776 401	18	0.223 599	9.933 692	4	138	
863	9.710 106	13	9.776 419	17	0.223 581	9.933 688	5	137	
864	9.710 119	13	9.776 436	17	0.223 564	9.933 683	4	136	
865	9.710 132	12	9.776 453	17	0.223 547	9.933 679	5	135	
866	9.710 144	13	9.776 470	17	0.223 530	9.933 674	4	134	
867	9.710 157	13	9.776 487	18	0.223 513	9.933 670	5	133	
868	9.710 170	12	9.776 505	17	0.223 495	9.933 665	4	132	
869	9.710 182	13	9.776 522	17	0.223 478	9.933 661	5	131	
.870	9.710 195	13	9.776 539	17	0.223 461	9.933 656	4	.130	
871	9.710 208	13	9.776 556	17	0.223 444	9.933 652	5	129	
872	9.710 221	12	9.776 573	18	0.223 427	9.933 647	4	128	
873	9.710 233	13	9.776 591	17	0.223 409	9.933 643	5	127	
874	9.710 246	13	9.776 608	17	0.223 392	9.933 638	5	126	
875	9.710 259	12	9.776 625	17	0.223 375	9.933 633	4	125	
876	9.710 271	13	9.776 642	17	0.223 358	9.933 629	5	124	
877	9.710 284	13	9.776 659	18	0.223 341	9.933 624	4	123	
878	9.710 297	12	9.776 677	17	0.223 323	9.933 620	5	122	
879	9.710 309	13	9.776 694	17	0.223 306	9.933 615	4	121	
.880	9.710 322	13	9.776 711	17	0.223 289	9.933 611	5	.120	
881	9.710 335	12	9.776 728	18	0.223 272	9.933 606	4	119	
882	9.710 347	13	9.776 746	17	0.223 254	9.933 602	5	118	
883	9.710 360	13	9.776 763	17	0.223 237	9.933 597	4	117	
884	9.710 373	12	9.776 780	17	0.223 220	9.933 593	5	116	
885	9.710 385	13	9.776 797	17	0.223 203	9.933 588	4	115	
886	9.710 398	13	9.776 814	18	0.223 186	9.933 584	5	114	
887	9.710 411	12	9.776 832	17	0.223 168	9.933 579	4	113	
888	9.710 423	13	9.776 849	17	0.223 151	9.933 575	5	112	
889	9.710 436	13	9.776 866	17	0.223 134	9.933 570	5	111	
.890	9.710 449	12	9.776 883	17	0.223 117	9.933 565	4	.110	
891	9.710 461	13	9.776 900	18	0.223 100	9.933 561	5	109	
892	9.710 474	13	9.776 918	17	0.223 082	9.933 556	4	108	
893	9.710 487	12	9.776 935	17	0.223 065	9.933 552	5	107	
894	9.710 499	13	9.776 952	17	0.223 048	9.933 547	4	106	
895	9.710 512	13	9.776 969	17	0.223 031	9.933 543	5	105	
896	9.710 525	12	9.776 986	18	0.223 014	9.933 538	4	104	
897	9.710 537	13	9.777 004	17	0.222 996	9.933 534	5	103	
898	9.710 550	13	9.777 021	17	0.222 979	9.933 529	4	102	
899	9.710 563	12	9.777 038	17	0.222 962	9.933 525	5	101	
.900	9.710 575		9.777 055		0.222 945	9.933 520		.100	
	cos	d	cotg	d	tang	sin	d	59°	P.P.

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5	8.5
6	10.2
7	11.9
8	13.6
9	15.3

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2	2.6
3	3.9
4	5.2
5	6.5
6	7.8
7	9.1
8	10.4
9	11.7

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1	1.2
2	2.4
3	3.6
4	4.8
5	6.0
6	7.2
7	8.4
8	9.6
9	10.8

59°.150 — 59°.100

30°.900 — 30°.950

30°	sin	d	tang	d	cotg	cos	d		P.P.
.900	9.710 575	13	9.777 055	17	0.222 945	9.933 520	4	**.100**	
901	9.710 588	13	9.777 072	18	0.222 928	9.933 516	5	099	
902	9.710 601	12	9.777 090	17	0.222 910	9.933 511	4	098	
903	9.710 613	13	9.777 107	17	0.222 893	9.933 507	5	097	
904	9.710 626	13	9.777 124	17	0.222 876	9.933 502	5	096	
905	9.710 639	12	9.777 141	17	0.222 859	9.933 497	4	095	
906	9.710 651	13	9.777 158	18	0.222 842	9.933 493	5	094	
907	9.710 664	13	9.777 176	17	0.222 824	9.933 488	4	093	
908	9.710 677	12	9.777 193	17	0.222 807	9.933 484	5	092	
909	9.710 689	13	9.777 210	17	0.222 790	9.933 479	4	091	
.910	9.710 702	13	9.777 227	17	0.222 773	9.933 475	5	**.090**	
911	9.710 715	12	9.777 244	18	0.222 756	9.933 470	4	089	
912	9.710 727	13	9.777 262	17	0.222 738	9.933 466	5	088	
913	9.710 740	13	9.777 279	17	0.222 721	9.933 461	4	087	
914	9.710 753	12	9.777 296	17	0.222 704	9.933 457	5	086	
915	9.710 765	13	9.777 313	17	0.222 687	9.933 452	4	085	
916	9.710 778	13	9.777 330	18	0.222 670	9.933 448	5	084	
917	9.710 791	12	9.777 348	17	0.222 652	9.933 443	5	083	
918	9.710 803	13	9.777 365	17	0.222 635	9.933 438	4	082	
919	9.710 816	13	9.777 382	17	0.222 618	9.933 434	5	081	
.920	9.710 829	12	9.777 399	17	0.222 601	9.933 429	4	**.080**	
921	9.710 841	13	9.777 416	18	0.222 584	9.933 425	5	079	
922	9.710 854	12	9.777 434	17	0.222 566	9.933 420	4	078	
923	9.710 866	13	9.777 451	17	0.222 549	9.933 416	5	077	
924	9.710 879	13	9.777 468	17	0.222 532	9.933 411	4	076	
925	9.710 892	12	9.777 485	17	0.222 515	9.933 407	5	075	
926	9.710 904	13	9.777 502	18	0.222 498	9.933 402	4	074	
927	9.710 917	13	9.777 520	17	0.222 480	9.933 398	5	073	
928	9.710 930	12	9.777 537	17	0.222 463	9.933 393	4	072	
929	9.710 942	13	9.777 554	17	0.222 446	9.933 389	5	071	
.930	9.710 955	13	9.777 571	17	0.222 429	9.933 384	5	**.070**	
931	9.710 968	12	9.777 588	17	0.222 412	9.933 379	4	069	
932	9.710 980	13	9.777 605	18	0.222 395	9.933 375	5	068	
933	9.710 993	13	9.777 623	17	0.222 377	9.933 370	4	067	
934	9.711 006	12	9.777 640	17	0.222 360	9.933 366	5	066	
935	9.711 018	13	9.777 657	17	0.222 343	9.933 361	4	065	
936	9.711 031	13	9.777 674	17	0.222 326	9.933 357	5	064	
937	9.711 044	12	9.777 691	18	0.222 309	9.933 352	4	063	
938	9.711 056	13	9.777 709	17	0.222 291	9.933 348	5	062	
939	9.711 069	13	9.777 726	17	0.222 274	9.933 343	4	061	
.940	9.711 082	12	9.777 743	17	0.222 257	9.933 339	5	**.060**	
941	9.711 094	13	9.777 760	17	0.222 240	9.933 334	5	059	
942	9.711 107	12	9.777 777	18	0.222 223	9.933 329	4	058	
943	9.711 119	13	9.777 795	17	0.222 205	9.933 325	5	057	
944	9.711 132	13	9.777 812	17	0.222 188	9.933 320	4	056	
945	9.711 145	12	9.777 829	17	0.222 171	9.933 316	5	055	
946	9.711 157	13	9.777 846	17	0.222 154	9.933 311	4	054	
947	9.711 170	13	9.777 863	17	0.222 137	9.933 307	5	053	
948	9.711 183	12	9.777 880	18	0.222 120	9.933 302	4	052	
949	9.711 195	13	9.777 898	17	0.222 102	9.933 298	5	051	
.950	9.711 208		9.777 915		0.222 085	9.933 293		**.050**	
	cos	d	cotg	d	tang	sin	d	59°	P.P.

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59°.100 — 59°.050

30°.950 — 31°.000

30°	sin	d	tang	d	cotg	cos	d		P.P.
.950	9.711 208	13	9.777 915	17	0.222 085	9.933 293	4	**.050**	
951	9.711 221	12	9.777 932	17	0.222 068	9.933 289	5	049	
952	9.711 233	13	9.777 949	17	0.222 051	9.933 284	5	048	
953	9.711 246	13	9.777 966	18	0.222 034	9.933 279	4	047	
954	9.711 259	12	9.777 984	17	0.222 016	9.933 275	5	046	
955	9.711 271	13	9.778 001	17	0.221 999	9.933 270	4	045	
956	9.711 284	12	9.778 018	17	0.221 982	9.933 266	5	044	
957	9.711 296	13	9.778 035	17	0.221 965	9.933 261	4	043	
958	9.711 309	13	9.778 052	18	0.221 948	9.933 257	5	042	
959	9.711 322	12	9.778 070	17	0.221 930	9.933 252	4	041	
.960	9.711 334	13	9.778 087	17	0.221 913	9.933 248	5	**.040**	
961	9.711 347	13	9.778 104	17	0.221 896	9.933 243	4	039	
962	9.711 360	12	9.778 121	17	0.221 879	9.933 239	5	038	
963	9.711 372	13	9.778 138	17	0.221 862	9.933 234	5	037	
964	9.711 385	13	9.778 155	18	0.221 845	9.933 229	4	036	
965	9.711 398	12	9.778 173	17	0.221 827	9.933 225	5	035	
966	9.711 410	13	9.778 190	17	0.221 810	9.933 220	4	034	
967	9.711 423	12	9.778 207	17	0.221 793	9.933 216	5	033	
968	9.711 435	13	9.778 224	17	0.221 776	9.933 211	4	032	
969	9.711 448	13	9.778 241	18	0.221 759	9.933 207	5	031	
.970	9.711 461	12	9.778 259	17	0.221 741	9.933 202	4	**.030**	
971	9.711 473	13	9.778 276	17	0.221 724	9.933 198	5	029	
972	9.711 486	13	9.778 293	17	0.221 707	9.933 193	5	028	
973	9.711 499	12	9.778 310	17	0.221 690	9.933 188	4	027	
974	9.711 511	13	9.778 327	17	0.221 673	9.933 184	5	026	
975	9.711 524	12	9.778 344	18	0.221 656	9.933 179	4	025	
976	9.711 536	13	9.778 362	17	0.221 638	9.933 175	5	024	
977	9.711 549	13	9.778 379	17	0.221 621	9.933 170	4	023	
978	9.711 562	12	9.778 396	17	0.221 604	9.933 166	5	022	
979	9.711 574	13	9.778 413	17	0.221 587	9.933 161	4	021	
.980	9.711 587	13	9.778 430	17	0.221 570	9.933 157	5	**.020**	
981	9.711 600	12	9.778 447	18	0.221 553	9.933 152	4	019	
982	9.711 612	13	9.778 465	17	0.221 535	9.933 148	5	018	
983	9.711 625	12	9.778 482	17	0.221 518	9.933 143	5	017	
984	9.711 637	13	9.778 499	17	0.221 501	9.933 138	4	016	
985	9.711 650	13	9.778 516	17	0.221 484	9.933 134	5	015	
986	9.711 663	12	9.778 533	18	0.221 467	9.933 129	4	014	
987	9.711 675	13	9.778 551	17	0.221 449	9.933 125	5	013	
988	9.711 688	13	9.778 568	17	0.221 432	9.933 120	4	012	
989	9.711 701	12	9.778 585	17	0.221 415	9.933 116	5	011	
.990	9.711 713	13	9.778 602	17	0.221 398	9.933 111	4	**.010**	
991	9.711 726	12	9.778 619	17	0.221 381	9.933 107	5	009	
992	9.711 738	13	9.778 636	18	0.221 364	9.933 102	5	008	
993	9.711 751	13	9.778 654	17	0.221 346	9.933 097	4	007	
994	9.711 764	12	9.778 671	17	0.221 329	9.933 093	5	006	
995	9.711 776	13	9.778 688	17	0.221 312	9.933 088	4	005	
996	9.711 789	12	9.778 705	17	0.221 295	9.933 084	5	004	
997	9.711 801	13	9.778 722	17	0.221 278	9.933 079	4	003	
998	9.711 814	13	9.778 739	18	0.221 261	9.933 075	5	002	
999	9.711 827	12	9.778 757	17	0.221 243	9.933 070	4	001	
*000	9.711 839		9.778 774		0.221 226	9.933 066		**.000**	
	cos	d	cotg	d	tang	sin	d	59°	P.P.

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7	8.4
8	9.6
9	10.8

59°.050 — 59°.000

31°.000 — 31°.050

31°	sin	d	tang	d	cotg	cos	d		P.P.
.000	9.711 839	13	9.778 774	17	0.221 226	9.933 066	5	*000	
001	9.711 852	13	9.778 791	17	0.221 209	9.933 061	5	999	
002	9.711 865	12	9.778 808	17	0.221 192	9.933 056	4	998	
003	9.711 877	13	9.778 825	17	0.221 175	9.933 052	5	997	
004	9.711 890	12	9.778 842	18	0.221 158	9.933 047	4	996	18
005	9.711 902	13	9.778 860	17	0.221 140	9.933 043	5	995	1 1.8
006	9.711 915	13	9.778 877	17	0.221 123	9.933 038	4	994	2 3.6
007	9.711 928	12	9.778 894	17	0.221 106	9.933 034	5	993	3 5.4
008	9.711 940	13	9.778 911	17	0.221 089	9.933 029	4	992	4 7.2
009	9.711 953	12	9.778 928	17	0.221 072	9.933 025	5	991	5 9.0
.010	9.711 965	13	9.778 945	18	0.221 055	9.933 020	5	.990	6 10.8
011	9.711 978	13	9.778 963	17	0.221 037	9.933 015	4	989	7 12.6
012	9.711 991	12	9.778 980	17	0.221 020	9.933 011	5	988	8 14.4
013	9.712 003	13	9.778 997	17	0.221 003	9.933 006	4	987	9 16.2
014	9.712 016	13	9.779 014	17	0.220 986	9.933 002	5	986	
015	9.712 029	12	9.779 031	17	0.220 969	9.932 997	4	985	17
016	9.712 041	13	9.779 048	18	0.220 952	9.932 993	5	984	1 1.7
017	9.712 054	12	9.779 066	17	0.220 934	9.932 988	4	983	2 3.4
018	9.712 066	13	9.779 083	17	0.220 917	9.932 984	5	982	3 5.1
019	9.712 079	13	9.779 100	17	0.220 900	9.932 979	5	981	4 6.8
.020	9.712 092	12	9.779 117	17	0.220 883	9.932 974	4	.980	5 8.5
021	9.712 104	13	9.779 134	17	0.220 866	9.932 970	5	979	6 10.2
022	9.712 117	12	9.779 151	18	0.220 849	9.932 965	4	978	7 11.9
023	9.712 129	13	9.779 169	17	0.220 831	9.932 961	5	977	8 13.6
024	9.712 142	13	9.779 186	17	0.220 814	9.932 956	4	976	9 15.3
025	9.712 155	12	9.779 203	17	0.220 797	9.932 952	5	975	
026	9.712 167	13	9.779 220	17	0.220 780	9.932 947	4	974	
027	9.712 180	12	9.779 237	17	0.220 763	9.932 943	5	973	13
028	9.712 192	13	9.779 254	18	0.220 746	9.932 938	5	972	1 1.3
029	9.712 205	13	9.779 272	17	0.220 728	9.932 933	4	971	2 2.6
.030	9.712 218	12	9.779 289	17	0.220 711	9.932 929	5	.970	3 3.9
031	9.712 230	13	9.779 306	17	0.220 694	9.932 924	4	969	4 5.2
032	9.712 243	12	9.779 323	17	0.220 677	9.932 920	5	968	5 6.5
033	9.712 255	13	9.779 340	17	0.220 660	9.932 915	4	967	6 7.8
034	9.712 268	13	9.779 357	17	0.220 643	9.932 911	5	966	7 9.1
035	9.712 281	12	9.779 374	18	0.220 626	9.932 906	4	965	8 10.4
036	9.712 293	13	9.779 392	17	0.220 608	9.932 902	5	964	9 11.7
037	9.712 306	12	9.779 409	17	0.220 591	9.932 897	5	963	
038	9.712 318	13	9.779 426	17	0.220 574	9.932 892	4	962	
039	9.712 331	13	9.779 443	17	0.220 557	9.932 888	5	961	12
.040	9.712 344	12	9.779 460	17	0.220 540	9.932 883	4	.960	1 1.2
041	9.712 356	13	9.779 477	18	0.220 523	9.932 879	5	959	2 2.4
042	9.712 369	12	9.779 495	17	0.220 505	9.932 874	4	958	3 3.6
043	9.712 381	13	9.779 512	17	0.220 488	9.932 870	5	957	4 4.8
044	9.712 394	13	9.779 529	17	0.220 471	9.932 865	5	956	5 6.0
045	9.712 407	12	9.779 546	17	0.220 454	9.932 860	4	955	6 7.2
046	9.712 419	13	9.779 563	17	0.220 437	9.932 856	5	954	7 8.4
047	9.712 432	12	9.779 580	18	0.220 420	9.932 851	4	953	8 9.6
048	9.712 444	13	9.779 598	17	0.220 402	9.932 847	5	952	9 10.8
049	9.712 457	12	9.779 615	17	0.220 385	9.932 842	4	951	
.050	9.712 469		9.779 632		0.220 368	9.932 838		.950	
	cos	d	cotg	d	tang	sin	d	58°	P.P.

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31°.050 — 31°.100

31°	sin	d	tang	d	cotg	cos	d		P.P.
.050	9.712 469	13	9.779 632	17	0.220 368	9.932 838	5	.950	
051	9.712 482	13	9.779 649	17	0.220 351	9.932 833	4	949	
052	9.712 495	12	9.779 666	17	0.220 334	9.932 829	5	948	
053	9.712 507	13	9.779 683	17	0.220 317	9.932 824	5	947	
054	9.712 520	12	9.779 700	18	0.220 300	9.932 819	4	946	
055	9.712 532	13	9.779 718	17	0.220 282	9.932 815	5	945	
056	9.712 545	13	9.779 735	17	0.220 265	9.932 810	4	944	
057	9.712 558	12	9.779 752	17	0.220 248	9.932 806	5	943	
058	9.712 570	13	9.779 769	17	0.220 231	9.932 801	4	942	
059	9.712 583	12	9.779 786	17	0.220 214	9.932 797	5	941	
.060	9.712 595	13	9.779 803	17	0.220 197	9.932 792	5	.940	
061	9.712 608	13	9.779 820	18	0.220 180	9.932 787	4	939	
062	9.712 621	12	9.779 838	17	0.220 162	9.932 783	5	938	
063	9.712 633	13	9.779 855	17	0.220 145	9.932 778	4	937	
064	9.712 646	12	9.779 872	17	0.220 128	9.932 774	5	936	
065	9.712 658	13	9.779 889	17	0.220 111	9.932 769	4	935	
066	9.712 671	12	9.779 906	17	0.220 094	9.932 765	5	934	
067	9.712 683	13	9.779 923	18	0.220 077	9.932 760	5	933	
068	9.712 696	13	9.779 941	17	0.220 059	9.932 755	4	932	
069	9.712 709	12	9.779 958	17	0.220 042	9.932 751	5	931	
.070	9.712 721	13	9.779 975	17	0.220 025	9.932 746	4	.930	
071	9.712 734	12	9.779 992	17	0.220 008	9.932 742	5	929	
072	9.712 746	13	9.780 009	17	0.219 991	9.932 737	4	928	
073	9.712 759	12	9.780 026	17	0.219 974	9.932 733	5	927	
074	9.712 771	13	9.780 043	18	0.219 957	9.932 728	4	926	
075	9.712 784	13	9.780 061	17	0.219 939	9.932 724	5	925	
076	9.712 797	12	9.780 078	17	0.219 922	9.932 719	5	924	
077	9.712 809	13	9.780 095	17	0.219 905	9.932 714	4	923	
078	9.712 822	12	9.780 112	17	0.219 888	9.932 710	5	922	
079	9.712 834	13	9.780 129	17	0.219 871	9.932 705	4	921	
.080	9.712 847	13	9.780 146	17	0.219 854	9.932 701	5	.920	
081	9.712 860	12	9.780 163	18	0.219 837	9.932 696	4	919	
082	9.712 872	13	9.780 181	17	0.219 819	9.932 692	5	918	
083	9.712 885	12	9.780 198	17	0.219 802	9.932 687	5	917	
084	9.712 897	13	9.780 215	17	0.219 785	9.932 682	4	916	
085	9.712 910	12	9.780 232	17	0.219 768	9.932 678	5	915	
086	9.712 922	13	9.780 249	17	0.219 751	9.932 673	4	914	
087	9.712 935	13	9.780 266	17	0.219 734	9.932 669	5	913	
088	9.712 948	12	9.780 283	18	0.219 717	9.932 664	4	912	
089	9.712 960	13	9.780 301	17	0.219 699	9.932 660	5	911	
.090	9.712 973	12	9.780 318	17	0.219 682	9.932 655	5	.910	
091	9.712 985	13	9.780 335	17	0.219 665	9.932 650	4	909	
092	9.712 998	12	9.780 352	17	0.219 648	9.932 646	5	908	
093	9.713 010	13	9.780 369	17	0.219 631	9.932 641	4	907	
094	9.713 023	13	9.780 386	17	0.219 614	9.932 637	5	906	
095	9.713 036	12	9.780 403	18	0.219 597	9.932 632	4	905	
096	9.713 048	13	9.780 421	17	0.219 579	9.932 628	5	904	
097	9.713 061	12	9.780 438	17	0.219 562	9.932 623	5	903	
098	9.713 073	13	9.780 455	17	0.219 545	9.932 618	4	902	
099	9.713 086	12	9.780 472	17	0.219 528	9.932 614	5	901	
.100	9.713 098		9.780 489		0.219 511	9.932 609		.900	
	cos	d	cotg	d	tang	sin	d	58°	P.P.

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58°.950 — 58°.900

31°.100 — 31°.150

31°	sin	d	tang	d	cotg	cos	d		P.P.
.100	9.713 098	13	9.780 489	17	0.219 511	9.932 609	4	.900	
101	9.713 111	12	9.780 506	17	0.219 494	9.932 605	5	899	
102	9.713 123	13	9.780 523	18	0.219 477	9.932 600	4	898	
103	9.713 136	13	9.780 541	17	0.219 459	9.932 596	5	897	
104	9.713 149	12	9.780 558	17	0.219 442	9.932 591	5	896	18
105	9.713 161	13	9.780 575	17	0.219 425	9.932 586	4	895	1 1.8
106	9.713 174	12	9.780 592	17	0.219 408	9.932 582	5	894	2 3.6
107	9.713 186	13	9.780 609	17	0.219 391	9.932 577	4	893	3 5.4
108	9.713 199	12	9.780 626	17	0.219 374	9.932 573	5	892	4 7.2
109	9.713 211	13	9.780 643	17	0.219 357	9.932 568	4	891	5 9.0
.110	9.713 224	13	9.780 660	18	0.219 340	9.932 564	5	.890	6 10.8
111	9.713 237	12	9.780 678	17	0.219 322	9.932 559	5	889	7 12.6
112	9.713 249	13	9.780 695	17	0.219 305	9.932 554	4	888	8 14.4
113	9.713 262	12	9.780 712	17	0.219 288	9.932 550	5	887	9 16.2
114	9.713 274	13	9.780 729	17	0.219 271	9.932 545	4	886	
115	9.713 287	12	9.780 746	17	0.219 254	9.932 541	5	885	17
116	9.713 299	13	9.780 763	17	0.219 237	9.932 536	5	884	1 1.7
117	9.713 312	12	9.780 780	18	0.219 220	9.932 531	4	883	2 3.4
118	9.713 324	13	9.780 798	17	0.219 202	9.932 527	5	882	3 5.1
119	9.713 337	13	9.780 815	17	0.219 185	9.932 522	4	881	4 6.8
.120	9.713 350	12	9.780 832	17	0.219 168	9.932 518	5	.880	5 8.5
121	9.713 362	13	9.780 849	17	0.219 151	9.932 513	4	879	6 10.2
122	9.713 375	12	9.780 866	17	0.219 134	9.932 509	5	878	7 11.9
123	9.713 387	13	9.780 883	17	0.219 117	9.932 504	5	877	8 13.6
124	9.713 400	12	9.780 900	17	0.219 100	9.932 499	4	876	9 15.3
125	9.713 412	13	9.780 917	18	0.219 083	9.932 495	5	875	
126	9.713 425	12	9.780 935	17	0.219 065	9.932 490	4	874	
127	9.713 437	13	9.780 952	17	0.219 048	9.932 486	5	873	13
128	9.713 450	13	9.780 969	17	0.219 031	9.932 481	4	872	1 1.3
129	9.713 463	12	9.780 986	17	0.219 014	9.932 477	5	871	2 2.6
.130	9.713 475	13	9.781 003	17	0.218 997	9.932 472	5	.870	3 3.9
131	9.713 488	12	9.781 020	17	0.218 980	9.932 467	4	869	4 5.2
132	9.713 500	13	9.781 037	17	0.218 963	9.932 463	5	868	5 6.5
133	9.713 513	12	9.781 054	18	0.218 946	9.932 458	4	867	6 7.8
134	9.713 525	13	9.781 072	17	0.218 928	9.932 454	5	866	7 9.1
135	9.713 538	12	9.781 089	17	0.218 911	9.932 449	4	865	8 10.4
136	9.713 550	13	9.781 106	17	0.218 894	9.932 445	5	864	9 11.7
137	9.713 563	12	9.781 123	17	0.218 877	9.932 440	5	863	
138	9.713 575	13	9.781 140	17	0.218 860	9.932 435	4	862	
139	9.713 588	13	9.781 157	17	0.218 843	9.932 431	5	861	12
.140	9.713 601	12	9.781 174	17	0.218 826	9.932 426	4	.860	1 1.2
141	9.713 613	13	9.781 191	18	0.218 809	9.932 422	5	859	2 2.4
142	9.713 626	12	9.781 209	17	0.218 791	9.932 417	5	858	3 3.6
143	9.713 638	13	9.781 226	17	0.218 774	9.932 412	4	857	4 4.8
144	9.713 651	12	9.781 243	17	0.218 757	9.932 408	5	856	5 6.0
145	9.713 663	13	9.781 260	17	0.218 740	9.932 403	4	855	6 7.2
146	9.713 676	12	9.781 277	17	0.218 723	9.932 399	5	854	7 8.4
147	9.713 688	13	9.781 294	17	0.218 706	9.932 394	4	853	8 9.6
148	9.713 701	12	9.781 311	17	0.218 689	9.932 390	5	852	9 10.8
149	9.713 713	13	9.781 328	18	0.218 672	9.932 385	5	851	
.150	9.713 726		9.781 346		0.218 654	9.932 380		.850	
	cos	d	cotg	d	tang	sin	d	58°	P.P.

58°.900 — 58°.850

31°.150 — 31°.200

31°	sin	d	tang	d	cotg	cos	d		P.P.
.150	9.713 726	13	9.781 346	17	0.218 654	9.932 380	4	.850	
151	9.713 739	12	9.781 363	17	0.218 637	9.932 376	5	849	
152	9.713 751	13	9.781 380	17	0.218 620	9.932 371	4	848	
153	9.713 764	12	9.781 397	17	0.218 603	9.932 367	5	847	
154	9.713 776	13	9.781 414	17	0.218 586	9.932 362	5	846	18
155	9.713 789	12	9.781 431	17	0.218 569	9.932 357	4	845	1 1.8
156	9.713 801	13	9.781 448	17	0.218 552	9.932 353	5	844	2 3.6
157	9.713 814	12	9.781 465	18	0.218 535	9.932 348	4	843	3 5.4
158	9.713 826	13	9.781 483	17	0.218 517	9.932 344	5	842	4 7.2
159	9.713 839	12	9.781 500	17	0.218 500	9.932 339	4	841	5 9.0
.160	9.713 851	13	9.781 517	17	0.218 483	9.932 335	5	.840	6 10.8
161	9.713 864	12	9.781 534	17	0.218 466	9.932 330	5	839	7 12.6
162	9.713 876	13	9.781 551	17	0.218 449	9.932 325	4	838	8 14.4
163	9.713 889	13	9.781 568	17	0.218 432	9.932 321	5	837	9 16.2
164	9.713 902	12	9.781 585	17	0.218 415	9.932 316	4	836	
165	9.713 914	13	9.781 602	18	0.218 398	9.932 312	5	835	17
166	9.713 927	12	9.781 620	17	0.218 380	9.932 307	5	834	1 1.7
167	9.713 939	13	9.781 637	17	0.218 363	9.932 302	4	833	2 3.4
168	9.713 952	12	9.781 654	17	0.218 346	9.932 298	5	832	3 5.1
169	9.713 964	13	9.781 671	17	0.218 329	9.932 293	4	831	4 6.8
.170	9.713 977	12	9.781 688	17	0.218 312	9.932 289	5	.830	5 8.5
171	9.713 989	13	9.781 705	17	0.218 295	9.932 284	4	829	6 10.2
172	9.714 002	12	9.781 722	17	0.218 278	9.932 280	5	828	7 11.9
173	9.714 014	13	9.781 739	17	0.218 261	9.932 275	5	827	8 13.6
174	9.714 027	12	9.781 756	18	0.218 244	9.932 270	4	826	9 15.3
175	9.714 039	13	9.781 774	17	0.218 226	9.932 266	5	825	
176	9.714 052	12	9.781 791	17	0.218 209	9.932 261	4	824	13
177	9.714 064	13	9.781 808	17	0.218 192	9.932 257	5	823	1 1.3
178	9.714 077	12	9.781 825	17	0.218 175	9.932 252	5	822	2 2.6
179	9.714 089	13	9.781 842	17	0.218 158	9.932 247	4	821	3 3.9
.180	9.714 102	13	9.781 859	17	0.218 141	9.932 243	5	.820	4 5.2
181	9.714 115	12	9.781 876	17	0.218 124	9.932 238	4	819	5 6.5
182	9.714 127	13	9.781 893	17	0.218 107	9.932 234	5	818	6 7.8
183	9.714 140	12	9.781 910	18	0.218 090	9.932 229	4	817	7 9.1
184	9.714 152	13	9.781 928	17	0.218 072	9.932 225	5	816	8 10.4
185	9.714 165	12	9.781 945	17	0.218 055	9.932 220	5	815	9 11.7
186	9.714 177	13	9.781 962	17	0.218 038	9.932 215	4	814	
187	9.714 190	12	9.781 979	17	0.218 021	9.932 211	5	813	12
188	9.714 202	13	9.781 996	17	0.218 004	9.932 206	4	812	1 1.2
189	9.714 215	12	9.782 013	17	0.217 987	9.932 202	5	811	2 2.4
.190	9.714 227	13	9.782 030	17	0.217 970	9.932 197	5	.810	3 3.6
191	9.714 240	12	9.782 047	17	0.217 953	9.932 192	4	809	4 4.8
192	9.714 252	13	9.782 064	18	0.217 936	9.932 188	5	808	5 6.0
193	9.714 265	12	9.782 082	17	0.217 918	9.932 183	4	807	6 7.2
194	9.714 277	13	9.782 099	17	0.217 901	9.932 179	5	806	7 8.4
195	9.714 290	12	9.782 116	17	0.217 884	9.932 174	5	805	8 9.6
196	9.714 302	13	9.782 133	17	0.217 867	9.932 169	4	804	9 10.8
197	9.714 315	12	9.782 150	17	0.217 850	9.932 165	5	803	
198	9.714 327	13	9.782 167	17	0.217 833	9.932 160	4	802	
199	9.714 340	12	9.782 184	17	0.217 816	9.932 156	5	801	
.200	9.714 352		9.782 201		0.217 799	9.932 151		.800	
	cos	d	cotg	d	tang	sin	d	58°	P.P.

58°.850 — 58°.800

31°.200 — 31°.250

31°	sin	d	tang	d	cotg	cos	d		P.P.
.200	9.714 352	13	9.782 201	17	0.217 799	9.932 151	4	.800	
201	9.714 365	12	9.782 218	18	0.217 782	9.932 147	5	799	
202	9.714 377	13	9.782 236	17	0.217 764	9.932 142	5	798	
203	9.714 390	12	9.782 253	17	0.217 747	9.932 137	4	797	
204	9.714 402	13	9.782 270	17	0.217 730	9.932 133	5	796	18
205	9.714 415	12	9.782 287	17	0.217 713	9.932 128	4	795	1 1.8
206	9.714 427	13	9.782 304	17	0.217 696	9.932 124	5	794	2 3.6
207	9.714 440	13	9.782 321	17	0.217 679	9.932 119	5	793	3 5.4
208	9.714 453	12	9.782 338	17	0.217 662	9.932 114	4	792	4 7.2
209	9.714 465	13	9.782 355	17	0.217 645	9.932 110	5	791	5 9.0
.210	9.714 478	12	9.782 372	17	0.217 628	9.932 105	4	.790	6 10.8
211	9.714 490	13	9.782 389	18	0.217 611	9.932 101	5	789	7 12.6
212	9.714 503	12	9.782 407	17	0.217 593	9.932 096	5	788	8 14.4
213	9.714 515	13	9.782 424	17	0.217 576	9.932 091	4	787	9 16.2
214	9.714 528	12	9.782 441	17	0.217 559	9.932 087	5	786	
215	9.714 540	13	9.782 458	17	0.217 542	9.932 082	4	785	17
216	9.714 553	12	9.782 475	17	0.217 525	9.932 078	5	784	1 1.7
217	9.714 565	13	9.782 492	17	0.217 508	9.932 073	5	783	2 3.4
218	9.714 578	12	9.782 509	17	0.217 491	9.932 068	4	782	3 5.1
219	9.714 590	13	9.782 526	17	0.217 474	9.932 064	5	781	4 6.8
.220	9.714 603	12	9.782 543	17	0.217 457	9.932 059	4	.780	5 8.5
221	9.714 615	13	9.782 560	18	0.217 440	9.932 055	5	779	6 10.2
222	9.714 628	12	9.782 578	17	0.217 422	9.932 050	5	778	7 11.9
223	9.714 640	13	9.782 595	17	0.217 405	9.932 045	4	777	8 13.6
224	9.714 653	12	9.782 612	17	0.217 388	9.932 041	5	776	9 15.3
225	9.714 665	13	9.782 629	17	0.217 371	9.932 036	4	775	
226	9.714 678	12	9.782 646	17	0.217 354	9.932 032	5	774	
227	9.714 690	13	9.782 663	17	0.217 337	9.932 027	5	773	13
228	9.714 703	12	9.782 680	17	0.217 320	9.932 022	4	772	1 1.3
229	9.714 715	13	9.782 697	17	0.217 303	9.932 018	5	771	2 2.6
.230	9.714 728	12	9.782 714	17	0.217 286	9.932 013	4	.770	3 3.9
231	9.714 740	13	9.782 731	18	0.217 269	9.932 009	5	769	4 5.2
232	9.714 753	12	9.782 749	17	0.217 251	9.932 004	4	768	5 6.5
233	9.714 765	13	9.782 766	17	0.217 234	9.932 000	5	767	6 7.8
234	9.714 778	12	9.782 783	17	0.217 217	9.931 995	5	766	7 9.1
235	9.714 790	13	9.782 800	17	0.217 200	9.931 990	4	765	8 10.4
236	9.714 803	12	9.782 817	17	0.217 183	9.931 986	5	764	9 11.7
237	9.714 815	13	9.782 834	17	0.217 166	9.931 981	4	763	
238	9.714 828	12	9.782 851	17	0.217 149	9.931 977	5	762	
239	9.714 840	13	9.782 868	17	0.217 132	9.931 972	5	761	12
.240	9.714 853	12	9.782 885	17	0.217 115	9.931 967	4	.760	1 1.2
241	9.714 865	13	9.782 902	17	0.217 098	9.931 963	5	759	2 2.4
242	9.714 878	12	9.782 919	18	0.217 081	9.931 958	4	758	3 3.6
243	9.714 890	13	9.782 937	17	0.217 063	9.931 954	5	757	4 4.8
244	9.714 903	12	9.782 954	17	0.217 046	9.931 949	5	756	5 6.0
245	9.714 915	13	9.782 971	17	0.217 029	9.931 944	4	755	6 7.2
246	9.714 928	12	9.782 988	17	0.217 012	9.931 940	5	754	7 8.4
247	9.714 940	13	9.783 005	17	0.216 995	9.931 935	4	753	8 9.6
248	9.714 953	12	9.783 022	17	0.216 978	9.931 931	5	752	9 10.8
249	9.714 965	13	9.783 039	17	0.216 961	9.931 926	5	751	
.250	9.714 978		9.783 056		0.216 944	9.931 921		.750	
	cos	d	cotg	d	tang	sin	d	58°	P.P.

58°.800 — 58°.750

31°.250 — 31°.300

31°	sin	d	tang	d	cotg	cos	d		P.P.
.250	9.714 978	12	9.783 056	17	0.216 944	9.931 921	4	**.750**	
251	9.714 990	13	9.783 073	17	0.216 927	9.931 917	5	749	
252	9.715 003	12	9.783 090	18	0.216 910	9.931 912	4	748	
253	9.715 015	13	9.783 108	17	0.216 892	9.931 908	5	747	
254	9.715 028	12	9.783 125	17	0.216 875	9.931 903	5	746	18
255	9.715 040	13	9.783 142	17	0.216 858	9.931 898	4	745	1 1.8
256	9.715 053	12	9.783 159	17	0.216 841	9.931 894	5	744	2 3.6
257	9.715 065	12	9.783 176	17	0.216 824	9.931 889	4	743	3 5.4
258	9.715 077	13	9.783 193	17	0.216 807	9.931 885	5	742	4 7.2
259	9.715 090	12	9.783 210	17	0.216 790	9.931 880	5	741	5 9.0
.260	9.715 102	13	9.783 227	17	0.216 773	9.931 875	4	**.740**	6 10.8
261	9.715 115	12	9.783 244	17	0.216 756	9.931 871	5	739	7 12.6
262	9.715 127	13	9.783 261	17	0.216 739	9.931 866	4	738	8 14.4
263	9.715 140	12	9.783 278	17	0.216 722	9.931 862	5	737	9 16.2
264	9.715 152	13	9.783 295	18	0.216 705	9.931 857	5	736	
265	9.715 165	12	9.783 313	17	0.216 687	9.931 852	4	735	17
266	9.715 177	13	9.783 330	17	0.216 670	9.931 848	5	734	1 1.7
267	9.715 190	12	9.783 347	17	0.216 653	9.931 843	4	733	2 3.4
268	9.715 202	13	9.783 364	17	0.216 636	9.931 839	5	732	3 5.1
269	9.715 215	12	9.783 381	17	0.216 619	9.931 834	5	731	4 6.8
.270	9.715 227	13	9.783 398	17	0.216 602	9.931 829	4	**.730**	5 8.5
271	9.715 240	12	9.783 415	17	0.216 585	9.931 825	5	729	6 10.2
272	9.715 252	13	9.783 432	17	0.216 568	9.931 820	4	728	7 11.9
273	9.715 265	12	9.783 449	17	0.216 551	9.931 816	5	727	8 13.6
274	9.715 277	13	9.783 466	17	0.216 534	9.931 811	5	726	9 15.3
275	9.715 290	12	9.783 483	17	0.216 517	9.931 806	4	725	
276	9.715 302	13	9.783 500	18	0.216 500	9.931 802	5	724	
277	9.715 315	12	9.783 518	17	0.216 482	9.931 797	5	723	13
278	9.715 327	13	9.783 535	17	0.216 465	9.931 792	4	722	1 1.3
279	9.715 340	12	9.783 552	17	0.216 448	9.931 788	5	721	2 2.6
.280	9.715 352	13	9.783 569	17	0.216 431	9.931 783	4	**.720**	3 3.9
281	9.715 365	12	9.783 586	17	0.216 414	9.931 779	5	719	4 5.2
282	9.715 377	13	9.783 603	17	0.216 397	9.931 774	5	718	5 6.5
283	9.715 390	12	9.783 620	17	0.216 380	9.931 769	4	717	6 7.8
284	9.715 402	12	9.783 637	17	0.216 363	9.931 765	5	716	7 9.1
285	9.715 414	13	9.783 654	17	0.216 346	9.931 760	4	715	8 10.4
286	9.715 427	12	9.783 671	17	0.216 329	9.931 756	5	714	9 11.7
287	9.715 439	13	9.783 688	17	0.216 312	9.931 751	5	713	
288	9.715 452	12	9.783 705	18	0.216 295	9.931 746	4	712	
289	9.715 464	13	9.783 723	17	0.216 277	9.931 742	5	711	12
.290	9.715 477	12	9.783 740	17	0.216 260	9.931 737	4	**.710**	1 1.2
291	9.715 489	13	9.783 757	17	0.216 243	9.931 733	5	709	2 2.4
292	9.715 502	12	9.783 774	17	0.216 226	9.931 728	5	708	3 3.6
293	9.715 514	13	9.783 791	17	0.216 209	9.931 723	4	707	4 4.8
294	9.715 527	12	9.783 808	17	0.216 192	9.931 719	5	706	5 6.0
295	9.715 539	13	9.783 825	17	0.216 175	9.931 714	4	705	6 7.2
296	9.715 552	12	9.783 842	17	0.216 158	9.931 710	5	704	7 8.4
297	9.715 564	13	9.783 859	17	0.216 141	9.931 705	5	703	8 9.6
298	9.715 577	12	9.783 876	17	0.216 124	9.931 700	4	702	9 10.8
299	9.715 589	13	9.783 893	17	0.216 107	9.931 696	5	701	
.300	9.715 602		9.783 910		0.216 090	9.931 691		**.700**	
	cos	d	cotg	d	tang	sin	d	58°	P.P.

58°.750 — 58°.700

31°.300 — 31°.350

31°	sin	d	tang	d	cotg	cos	d		P.P.
.300	9.715 602	12	9.783 910	17	0.216 090	9.931 691	4	.700	
301	9.715 614	12	9.783 927	18	0.216 073	9.931 687	5	699	
302	9.715 626	13	9.783 945	17	0.216 055	9.931 682	5	698	
303	9.715 639	12	9.783 962	17	0.216 038	9.931 677	4	697	
304	9.715 651	13	9.783 979	17	0.216 021	9.931 673	5	696	18
305	9.715 664	12	9.783 996	17	0.216 004	9.931 668	5	695	1 1.8
306	9.715 676	13	9.784 013	17	0.215 987	9.931 663	4	694	2 3.6
307	9.715 689	12	9.784 030	17	0.215 970	9.931 659	5	693	3 5.4
308	9.715 701	13	9.784 047	17	0.215 953	9.931 654	4	692	4 7.2
309	9.715 714	12	9.784 064	17	0.215 936	9.931 650	5	691	5 9.0
.310	9.715 726	13	9.784 081	17	0.215 919	9.931 645	5	.690	6 10.8
311	9.715 739	12	9.784 098	17	0.215 902	9.931 640	4	689	7 12.6
312	9.715 751	13	9.784 115	17	0.215 885	9.931 636	5	688	8 14.4
313	9.715 764	12	9.784 132	17	0.215 868	9.931 631	4	687	9 16.2
314	9.715 776	12	9.784 149	17	0.215 851	9.931 627	5	686	
315	9.715 788	13	9.784 166	18	0.215 834	9.931 622	5	685	17
316	9.715 801	12	9.784 184	17	0.215 816	9.931 617	4	684	1 1.7
317	9.715 813	13	9.784 201	17	0.215 799	9.931 613	5	683	2 3.4
318	9.715 826	12	9.784 218	17	0.215 782	9.931 608	4	682	3 5.1
319	9.715 838	13	9.784 235	17	0.215 765	9.931 604	5	681	4 6.8
.320	9.715 851	12	9.784 252	17	0.215 748	9.931 599	5	.680	5 8.5
321	9.715 863	13	9.784 269	17	0.215 731	9.931 594	4	679	6 10.2
322	9.715 876	12	9.784 286	17	0.215 714	9.931 590	5	678	7 11.9
323	9.715 888	13	9.784 303	17	0.215 697	9.931 585	5	677	8 13.6
324	9.715 901	12	9.784 320	17	0.215 680	9.931 580	4	676	9 15.3
325	9.715 913	12	9.784 337	17	0.215 663	9.931 576	5	675	
326	9.715 925	13	9.784 354	17	0.215 646	9.931 571	4	674	
327	9.715 938	12	9.784 371	17	0.215 629	9.931 567	5	673	13
328	9.715 950	13	9.784 388	17	0.215 612	9.931 562	5	672	1 1.3
329	9.715 963	12	9.784 405	18	0.215 595	9.931 557	4	671	2 2.6
.330	9.715 975	13	9.784 423	17	0.215 577	9.931 553	5	.670	3 3.9
331	9.715 988	12	9.784 440	17	0.215 560	9.931 548	4	669	4 5.2
332	9.716 000	13	9.784 457	17	0.215 543	9.931 544	5	668	5 6.5
333	9.716 013	12	9.784 474	17	0.215 526	9.931 539	5	667	6 7.8
334	9.716 025	13	9.784 491	17	0.215 509	9.931 534	4	666	7 9.1
335	9.716 038	12	9.784 508	17	0.215 492	9.931 530	5	665	8 10.4
336	9.716 050	12	9.784 525	17	0.215 475	9.931 525	5	664	9 11.7
337	9.716 062	13	9.784 542	17	0.215 458	9.931 520	4	663	
338	9.716 075	12	9.784 559	17	0.215 441	9.931 516	5	662	
339	9.716 087	13	9.784 576	17	0.215 424	9.931 511	4	661	12
.340	9.716 100	12	9.784 593	17	0.215 407	9.931 507	5	.660	1 1.2
341	9.716 112	13	9.784 610	17	0.215 390	9.931 502	5	659	2 2.4
342	9.716 125	12	9.784 627	17	0.215 373	9.931 497	4	658	3 3.6
343	9.716 137	13	9.784 644	17	0.215 356	9.931 493	5	657	4 4.8
344	9.716 150	12	9.784 661	17	0.215 339	9.931 488	4	656	5 6.0
345	9.716 162	12	9.784 678	18	0.215 322	9.931 484	5	655	6 7.2
346	9.716 174	13	9.784 696	17	0.215 304	9.931 479	5	654	7 8.4
347	9.716 187	12	9.784 713	17	0.215 287	9.931 474	4	653	8 9.6
348	9.716 199	13	9.784 730	17	0.215 270	9.931 470	5	652	9 10.8
349	9.716 212	12	9.784 747	17	0.215 253	9.931 465	5	651	
.350	9.716 224		9.784 764		0.215 236	9.931 460		.650	
	cos	d	cotg	d	tang	sin	d	58°	P.P.

58°.700 — 58°.650

31°.350 — 31°.400

31°	sin	d	tang	d	cotg	cos	d		P.P.
.350	9.716 224		9.784 764		0.215 236	9.931 460		.650	
		13		17			4		
351	9.716 237		9.784 781		0.215 219	9.931 456		649	
		12		17			5		
352	9.716 249		9.784 798		0.215 202	9.931 451		648	
		13		17			4		
353	9.716 262		9.784 815		0.215 185	9.931 447		647	
		12		17			5		
354	9.716 274		9.784 832		0.215 168	9.931 442		646	
		12		17			5		
355	9.716 286		9.784 849		0.215 151	9.931 437		645	
		13		17			4		
356	9.716 299		9.784 866		0.215 134	9.931 433		644	
		12		17			5		
357	9.716 311		9.784 883		0.215 117	9.931 428		643	
		13		17			4		
358	9.716 324		9.784 900		0.215 100	9.931 424		642	
		12		17			5		
359	9.716 336		9.784 917		0.215 083	9.931 419		641	
		13		17			5		
.360	9.716 349		9.784 934		0.215 066	9.931 414		.640	
		12		17			4		
361	9.716 361		9.784 951		0.215 049	9.931 410		639	
		13		17			5		
362	9.716 374		9.784 968		0.215 032	9.931 405		638	
		12		18			5		
363	9.716 386		9.784 986		0.215 014	9.931 400		637	
		12		17			4		
364	9.716 398		9.785 003		0.214 997	9.931 396		636	
		13		17			5		
365	9.716 411		9.785 020		0.214 980	9.931 391		635	
		12		17			4		
366	9.716 423		9.785 037		0.214 963	9.931 387		634	
		13		17			5		
367	9.716 436		9.785 054		0.214 946	9.931 382		633	
		12		17			5		
368	9.716 448		9.785 071		0.214 929	9.931 377		632	
		13		17			4		
369	9.716 461		9.785 088		0.214 912	9.931 373		631	
		12		17			5		
.370	9.716 473		9.785 105		0.214 895	9.931 368		.630	
		12		17			5		
371	9.716 485		9.785 122		0.214 878	9.931 363		629	
		13		17			4		
372	9.716 498		9.785 139		0.214 861	9.931 359		628	
		12		17			5		
373	9.716 510		9.785 156		0.214 844	9.931 354		627	
		13		17			4		
374	9.716 523		9.785 173		0.214 827	9.931 350		626	
		12		17			5		
375	9.716 535		9.785 190		0.214 810	9.931 345		625	
		13		17			5		
376	9.716 548		9.785 207		0.214 793	9.931 340		624	
		12		17			4		
377	9.716 560		9.785 224		0.214 776	9.931 336		623	
		12		17			5		
378	9.716 572		9.785 241		0.214 759	9.931 331		622	
		13		17			5		
379	9.716 585		9.785 258		0.214 742	9.931 326		621	
		12		17			4		
.380	9.716 597		9.785 275		0.214 725	9.931 322		.620	
		13		17			5		
381	9.716 610		9.785 292		0.214 708	9.931 317		619	
		12		18			4		
382	9.716 622		9.785 310		0.214 690	9.931 313		618	
		13		17			5		
383	9.716 635		9.785 327		0.214 673	9.931 308		617	
		12		17			5		
384	9.716 647		9.785 344		0.214 656	9.931 303		616	
		12		17			4		
385	9.716 659		9.785 361		0.214 639	9.931 299		615	
		13		17			5		
386	9.716 672		9.785 378		0.214 622	9.931 294		614	
		12		17			4		
387	9.716 684		9.785 395		0.214 605	9.931 290		613	
		13		17			5		
388	9.716 697		9.785 412		0.214 588	9.931 285		612	
		12		17			5		
389	9.716 709		9.785 429		0.214 571	9.931 280		611	
		13		17			4		
.390	9.716 722		9.785 446		0.214 554	9.931 276		.610	
		12		17			5		
391	9.716 734		9.785 463		0.214 537	9.931 271		609	
		12		17			5		
392	9.716 746		9.785 480		0.214 520	9.931 266		608	
		13		17			4		
393	9.716 759		9.785 497		0.214 503	9.931 262		607	
		12		17			5		
394	9.716 771		9.785 514		0.214 486	9.931 257		606	
		13		17			4		
395	9.716 784		9.785 531		0.214 469	9.931 253		605	
		12		17			5		
396	9.716 796		9.785 548		0.214 452	9.931 248		604	
		12		17			5		
397	9.716 808		9.785 565		0.214 435	9.931 243		603	
		13		17			4		
398	9.716 821		9.785 582		0.214 418	9.931 239		602	
		12		17			5		
399	9.716 833		9.785 599		0.214 401	9.931 234		601	
		13		17			5		
.400	9.716 846		9.785 616		0.214 384	9.931 229		.600	
	cos	d	cotg	d	tang	sin	d	58°	P.P.

	18
1	1.8
2	3.6
3	5.4
4	7.2
5	9.0
6	10.8
7	12.6
8	14.4
9	16.2

	17
1	1.7
2	3.4
3	5.1
4	6.8
5	8.5
6	10.2
7	11.9
8	13.6
9	15.3

	13
1	1.3
2	2.6
3	3.9
4	5.2
5	6.5
6	7.8
7	9.1
8	10.4
9	11.7

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1	1.2
2	2.4
3	3.6
4	4.8
5	6.0
6	7.2
7	8.4
8	9.6
9	10.8

58°.650 — 58°.600

31°.400 — 31°.450

31°	sin	d	tang	d	cotg	cos	d		P.P.
.400	9.716 846	12	9.785 616	17	0.214 384	9.931 229	4	.600	
401	9.716 858	13	9.785 633	17	0.214 367	9.931 225	5	599	
402	9.716 871	12	9.785 650	18	0.214 350	9.931 220	5	598	
403	9.716 883	12	9.785 668	17	0.214 332	9.931 215	4	597	
404	9.716 895	13	9.785 685	17	0.214 315	9.931 211	5	596	
405	9.716 908	12	9.785 702	17	0.214 298	9.931 206	4	595	
406	9.716 920	13	9.785 719	17	0.214 281	9.931 202	5	594	
407	9.716 933	12	9.785 736	17	0.214 264	9.931 197	5	593	
408	9.716 945	12	9.785 753	17	0.214 247	9.931 192	4	592	
409	9.716 957	13	9.785 770	17	0.214 230	9.931 188	5	591	
.410	9.716 970	12	9.785 787	17	0.214 213	9.931 183	5	.590	
411	9.716 982	13	9.785 804	17	0.214 196	9.931 178	4	589	
412	9.716 995	12	9.785 821	17	0.214 179	9.931 174	5	588	
413	9.717 007	13	9.785 838	17	0.214 162	9.931 169	4	587	
414	9.717 020	12	9.785 855	17	0.214 145	9.931 165	5	586	
415	9.717 032	12	9.785 872	17	0.214 128	9.931 160	5	585	
416	9.717 044	13	9.785 889	17	0.214 111	9.931 155	4	584	
417	9.717 057	12	9.785 906	17	0.214 094	9.931 151	5	583	
418	9.717 069	13	9.785 923	17	0.214 077	9.931 146	5	582	
419	9.717 082	12	9.785 940	17	0.214 060	9.931 141	4	581	
.420	9.717 094	12	9.785 957	17	0.214 043	9.931 137	5	.580	
421	9.717 106	13	9.785 974	17	0.214 026	9.931 132	4	579	
422	9.717 119	12	9.785 991	17	0.214 009	9.931 128	5	578	
423	9.717 131	13	9.786 008	17	0.213 992	9.931 123	5	577	
424	9.717 144	12	9.786 025	17	0.213 975	9.931 118	4	576	
425	9.717 156	12	9.786 042	17	0.213 958	9.931 114	5	575	
426	9.717 168	13	9.786 059	17	0.213 941	9.931 109	5	574	
427	9.717 181	12	9.786 076	18	0.213 924	9.931 104	4	573	
428	9.717 193	13	9.786 094	17	0.213 906	9.931 100	5	572	
429	9.717 206	12	9.786 111	17	0.213 889	9.931 095	5	571	
.430	9.717 218	12	9.786 128	17	0.213 872	9.931 090	4	.570	
431	9.717 230	13	9.786 145	17	0.213 855	9.931 086	5	569	
432	9.717 243	12	9.786 162	17	0.213 838	9.931 081	4	568	
433	9.717 255	13	9.786 179	17	0.213 821	9.931 077	5	567	
434	9.717 268	12	9.786 196	17	0.213 804	9.931 072	5	566	
435	9.717 280	12	9.786 213	17	0.213 787	9.931 067	4	565	
436	9.717 292	13	9.786 230	17	0.213 770	9.931 063	5	564	
437	9.717 305	12	9.786 247	17	0.213 753	9.931 058	5	563	
438	9.717 317	13	9.786 264	17	0.213 736	9.931 053	4	562	
439	9.717 330	12	9.786 281	17	0.213 719	9.931 049	5	561	
.440	9.717 342	12	9.786 298	17	0.213 702	9.931 044	4	.560	
441	9.717 354	13	9.786 315	17	0.213 685	9.931 040	5	559	
442	9.717 367	12	9.786 332	17	0.213 668	9.931 035	5	558	
443	9.717 379	13	9.786 349	17	0.213 651	9.931 030	4	557	
444	9.717 392	12	9.786 366	17	0.213 634	9.931 026	5	556	
445	9.717 404	12	9.786 383	17	0.213 617	9.931 021	5	555	
446	9.717 416	13	9.786 400	17	0.213 600	9.931 016	4	554	
447	9.717 429	12	9.786 417	17	0.213 583	9.931 012	5	553	
448	9.717 441	13	9.786 434	17	0.213 566	9.931 007	5	552	
449	9.717 454	12	9.786 451	17	0.213 549	9.931 002	4	551	
.450	9.717 466		9.786 468		0.213 532	9.930 998		.550	
	cos	d	cotg	d	tang	sin	d	58°	P.P.

	18
1	1.8
2	3.6
3	5.4
4	7.2
5	9.0
6	10.8
7	12.6
8	14.4
9	16.2

	17
1	1.7
2	3.4
3	5.1
4	6.8
5	8.5
6	10.2
7	11.9
8	13.6
9	15.3

	13
1	1.3
2	2.6
3	3.9
4	5.2
5	6.5
6	7.8
7	9.1
8	10.4
9	11.7

	12
1	1.2
2	2.4
3	3.6
4	4.8
5	6.0
6	7.2
7	8.4
8	9.6
9	10.8

58°.600 — 58°.550

31°.450 — 31°.500

31°	sin	d	tang	d	cotg	cos	d		P.P.
.450	9.717 466	12	9.786 468	17	0.213 532	9.930 998	5	.550	
451	9.717 478	13	9.786 485	17	0.213 515	9.930 993	4	549	
452	9.717 491	12	9.786 502	17	0.213 498	9.930 989	5	548	
453	9.717 503	13	9.786 519	17	0.213 481	9.930 984	5	547	
454	9.717 516	12	9.786 536	17	0.213 464	9.930 979	4	546	
455	9.717 528	12	9.786 553	17	0.213 447	9.930 975	5	545	
456	9.717 540	13	9.786 570	17	0.213 430	9.930 970	5	544	
457	9.717 553	12	9.786 587	17	0.213 413	9.930 965	4	543	
458	9.717 565	13	9.786 604	17	0.213 396	9.930 961	5	542	
459	9.717 578	12	9.786 621	18	0.213 379	9.930 956	5	541	
.460	9.717 590	12	9.786 639	17	0.213 361	9.930 951	4	.540	
461	9.717 602	13	9.786 656	17	0.213 344	9.930 947	5	539	
462	9.717 615	12	9.786 673	17	0.213 327	9.930 942	4	538	
463	9.717 627	12	9.786 690	17	0.213 310	9.930 938	5	537	
464	9.717 639	13	9.786 707	17	0.213 293	9.930 933	5	536	
465	9.717 652	12	9.786 724	17	0.213 276	9.930 928	4	535	
466	9.717 664	13	9.786 741	17	0.213 259	9.930 924	5	534	
467	9.717 677	12	9.786 758	17	0.213 242	9.930 919	5	533	
468	9.717 689	12	9.786 775	17	0.213 225	9.930 914	4	532	
469	9.717 701	13	9.786 792	17	0.213 208	9.930 910	5	531	
.470	9.717 714	12	9.786 809	17	0.213 191	9.930 905	5	.530	
471	9.717 726	13	9.786 826	17	0.213 174	9.930 900	4	529	
472	9.717 739	12	9.786 843	17	0.213 157	9.930 896	5	528	
473	9.717 751	12	9.786 860	17	0.213 140	9.930 891	5	527	
474	9.717 763	13	9.786 877	17	0.213 123	9.930 886	4	526	
475	9.717 776	12	9.786 894	17	0.213 106	9.930 882	5	525	
476	9.717 788	12	9.786 911	17	0.213 089	9.930 877	4	524	
477	9.717 800	13	9.786 928	17	0.213 072	9.930 873	5	523	
478	9.717 813	12	9.786 945	17	0.213 055	9.930 868	5	522	
479	9.717 825	13	9.786 962	17	0.213 038	9.930 863	4	521	
.480	9.717 838	12	9.786 979	17	0.213 021	9.930 859	5	.520	
481	9.717 850	12	9.786 996	17	0.213 004	9.930 854	5	519	
482	9.717 862	13	9.787 013	17	0.212 987	9.930 849	4	518	
483	9.717 875	12	9.787 030	17	0.212 970	9.930 845	5	517	
484	9.717 887	13	9.787 047	17	0.212 953	9.930 840	5	516	
485	9.717 900	12	9.787 064	17	0.212 936	9.930 835	4	515	
486	9.717 912	12	9.787 081	17	0.212 919	9.930 831	5	514	
487	9.717 924	13	9.787 098	17	0.212 902	9.930 826	4	513	
488	9.717 937	12	9.787 115	17	0.212 885	9.930 822	5	512	
489	9.717 949	12	9.787 132	17	0.212 868	9.930 817	5	511	
.490	9.717 961	13	9.787 149	17	0.212 851	9.930 812	4	.510	
491	9.717 974	12	9.787 166	17	0.212 834	9.930 808	5	509	
492	9.717 986	13	9.787 183	17	0.212 817	9.930 803	5	508	
493	9.717 999	12	9.787 200	17	0.212 800	9.930 798	4	507	
494	9.718 011	12	9.787 217	17	0.212 783	9.930 794	5	506	
495	9.718 023	13	9.787 234	17	0.212 766	9.930 789	5	505	
496	9.718 036	12	9.787 251	17	0.212 749	9.930 784	4	504	
497	9.718 048	12	9.787 268	17	0.212 732	9.930 780	5	503	
498	9.718 060	13	9.787 285	17	0.212 715	9.930 775	5	502	
499	9.718 073	12	9.787 302	17	0.212 698	9.930 770	4	501	
.500	9.718 085		9.787 319		0.212 681	9.930 766		.500	
	cos	d	cotg	d	tang	sin	d	58°	P.P.

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58°.550 — 58°.500

31°.500 — 31°.550

31°	sin	d	tang	d	cotg	cos	d		P.P.
.500	9.718 085	12	9.787 319	17	0.212 681	9.930 766	5	.500	
501	9.718 097	13	9.787 336	17	0.212 664	9.930 761	5	499	
502	9.718 110	12	9.787 353	17	0.212 647	9.930 756	4	498	
503	9.718 122	13	9.787 370	17	0.212 630	9.930 752	5	497	
504	9.718 135	12	9.787 387	17	0.212 613	9.930 747	4	496	
505	9.718 147	12	9.787 404	17	0.212 596	9.930 743	5	495	
506	9.718 159	13	9.787 421	17	0.212 579	9.930 738	5	494	
507	9.718 172	12	9.787 438	17	0.212 562	9.930 733	4	493	
508	9.718 184	12	9.787 455	17	0.212 545	9.930 729	5	492	
509	9.718 196	13	9.787 472	17	0.212 528	9.930 724	5	491	
.510	9.718 209	12	9.787 489	17	0.212 511	9.930 719	4	.490	
511	9.718 221	12	9.787 506	17	0.212 494	9.930 715	5	489	
512	9.718 233	13	9.787 523	17	0.212 477	9.930 710	5	488	
513	9.718 246	12	9.787 540	17	0.212 460	9.930 705	4	487	
514	9.718 258	13	9.787 557	17	0.212 443	9.930 701	5	486	
515	9.718 271	12	9.787 574	18	0.212 426	9.930 696	5	485	
516	9.718 283	12	9.787 592	17	0.212 408	9.930 691	4	484	
517	9.718 295	13	9.787 609	17	0.212 391	9.930 687	5	483	
518	9.718 308	12	9.787 626	17	0.212 374	9.930 682	5	482	
519	9.718 320	12	9.787 643	17	0.212 357	9.930 677	4	481	
.520	9.718 332	13	9.787 660	17	0.212 340	9.930 673	5	.480	
521	9.718 345	12	9.787 677	17	0.212 323	9.930 668	4	479	
522	9.718 357	12	9.787 694	17	0.212 306	9.930 664	5	478	
523	9.718 369	13	9.787 711	17	0.212 289	9.930 659	5	477	
524	9.718 382	12	9.787 728	17	0.212 272	9.930 654	4	476	
525	9.718 394	13	9.787 745	17	0.212 255	9.930 650	5	475	
526	9.718 407	12	9.787 762	17	0.212 238	9.930 645	5	474	
527	9.718 419	12	9.787 779	17	0.212 221	9.930 640	4	473	
528	9.718 431	13	9.787 796	17	0.212 204	9.930 636	5	472	
529	9.718 444	12	9.787 813	17	0.212 187	9.930 631	5	471	
.530	9.718 456	12	9.787 830	17	0.212 170	9.930 626	4	.470	
531	9.718 468	13	9.787 847	17	0.212 153	9.930 622	5	469	
532	9.718 481	12	9.787 864	17	0.212 136	9.930 617	5	468	
533	9.718 493	12	9.787 881	17	0.212 119	9.930 612	4	467	
534	9.718 505	13	9.787 898	17	0.212 102	9.930 608	5	466	
535	9.718 518	12	9.787 915	17	0.212 085	9.930 603	5	465	
536	9.718 530	12	9.787 932	17	0.212 068	9.930 598	4	464	
537	9.718 542	13	9.787 949	17	0.212 051	9.930 594	5	463	
538	9.718 555	12	9.787 966	17	0.212 034	9.930 589	5	462	
539	9.718 567	12	9.787 983	17	0.212 017	9.930 584	4	461	
.540	9.718 579	13	9.788 000	17	0.212 000	9.930 580	5	.460	
541	9.718 592	12	9.788 017	17	0.211 983	9.930 575	4	459	
542	9.718 604	13	9.788 034	17	0.211 966	9.930 571	5	458	
543	9.718 617	12	9.788 051	17	0.211 949	9.930 566	5	457	
544	9.718 629	12	9.788 068	17	0.211 932	9.930 561	4	456	
545	9.718 641	13	9.788 085	17	0.211 915	9.930 557	5	455	
546	9.718 654	12	9.788 102	17	0.211 898	9.930 552	5	454	
547	9.718 666	12	9.788 119	17	0.211 881	9.930 547	4	453	
548	9.718 678	13	9.788 136	17	0.211 864	9.930 543	5	452	
549	9.718 691	12	9.788 153	17	0.211 847	9.930 538	5	451	
.550	9.718 703		9.788 170		0.211 830	9.930 533		.450	
	cos	d	cotg	d	tang	sin	d	58°	P.P.

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58°.500 — 58°.450

31°.550 — 31°.600

31°	sin	d	tang	d	cotg	cos	d		P.P.
.550	9.718 703	12	9.788 170	17	0.211 830	9.930 533	4	.450	
551	9.718 715	13	9.788 187	17	0.211 813	9.930 529	5	449	
552	9.718 728	12	9.788 204	17	0.211 796	9.930 524	5	448	
553	9.718 740	12	9.788 221	17	0.211 779	9.930 519	4	447	
554	9.718 752	13	9.788 238	17	0.211 762	9.930 515	5	446	
555	9.718 765	12	9.788 255	17	0.211 745	9.930 510	5	445	
556	9.718 777	12	9.788 272	17	0.211 728	9.930 505	4	444	
557	9.718 789	13	9.788 289	17	0.211 711	9.930 501	5	443	
558	9.718 802	12	9.788 306	17	0.211 694	9.930 496	5	442	
559	9.718 814	12	9.788 323	17	0.211 677	9.930 491	4	441	
.560	9.718 826	13	9.788 340	17	0.211 660	9.930 487	5	.440	
561	9.718 839	12	9.788 357	17	0.211 643	9.930 482	5	439	
562	9.718 851	12	9.788 374	17	0.211 626	9.930 477	4	438	
563	9.718 863	13	9.788 391	17	0.211 609	9.930 473	5	437	
564	9.718 876	12	9.788 408	17	0.211 592	9.930 468	5	436	
565	9.718 888	12	9.788 425	17	0.211 575	9.930 463	4	435	
566	9.718 900	13	9.788 442	17	0.211 558	9.930 459	5	434	
567	9.718 913	12	9.788 459	17	0.211 541	9.930 454	4	433	
568	9.718 925	12	9.788 476	17	0.211 524	9.930 450	5	432	
569	9.718 937	13	9.788 493	17	0.211 507	9.930 445	5	431	
.570	9.718 950	12	9.788 510	17	0.211 490	9.930 440	4	.430	
571	9.718 962	12	9.788 527	17	0.211 473	9.930 436	5	429	
572	9.718 974	13	9.788 544	17	0.211 456	9.930 431	5	428	
573	9.718 987	12	9.788 561	17	0.211 439	9.930 426	4	427	
574	9.718 999	12	9.788 578	17	0.211 422	9.930 422	5	426	
575	9.719 011	13	9.788 595	17	0.211 405	9.930 417	5	425	
576	9.719 024	12	9.788 612	17	0.211 388	9.930 412	4	424	
577	9.719 036	12	9.788 629	17	0.211 371	9.930 408	5	423	
578	9.719 048	13	9.788 646	16	0.211 354	9.930 403	5	422	
579	9.719 061	12	9.788 662	17	0.211 338	9.930 398	4	421	
.580	9.719 073	12	9.788 679	17	0.211 321	9.930 394	5	.420	
581	9.719 085	13	9.788 696	17	0.211 304	9.930 389	5	419	
582	9.719 098	12	9.788 713	17	0.211 287	9.930 384	4	418	
583	9.719 110	12	9.788 730	17	0.211 270	9.930 380	5	417	
584	9.719 122	13	9.788 747	17	0.211 253	9.930 375	5	416	
585	9.719 135	12	9.788 764	17	0.211 236	9.930 370	4	415	
586	9.719 147	12	9.788 781	17	0.211 219	9.930 366	5	414	
587	9.719 159	13	9.788 798	17	0.211 202	9.930 361	5	413	
588	9.719 172	12	9.788 815	17	0.211 185	9.930 356	4	412	
589	9.719 184	12	9.788 832	17	0.211 168	9.930 352	5	411	
.590	9.719 196	13	9.788 849	17	0.211 151	9.930 347	5	.410	
591	9.719 209	12	9.788 866	17	0.211 134	9.930 342	4	409	
592	9.719 221	12	9.788 883	17	0.211 117	9.930 338	5	408	
593	9.719 233	13	9.788 900	17	0.211 100	9.930 333	5	407	
594	9.719 246	12	9.788 917	17	0.211 083	9.930 328	4	406	
595	9.719 258	12	9.788 934	17	0.211 066	9.930 324	5	405	
596	9.719 270	13	9.788 951	17	0.211 049	9.930 319	5	404	
597	9.719 283	12	9.788 968	17	0.211 032	9.930 314	4	403	
598	9.719 295	12	9.788 985	17	0.211 015	9.930 310	5	402	
599	9.719 307	13	9.789 002	17	0.210 998	9.930 305	5	401	
.600	9.719 320		9.789 019		0.210 981	9.930 300		.400	
	cos	d	cotg	d	tang	sin	d	58°	P.P.

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58°.450 — 58°.400

31°.600 — 31°.650

31°	sin	d	tang	d	cotg	cos	d		P.P.
.600	9.719 320	12	9.789 019	17	0.210 981	9.930 300	4	.400	
601	9.719 332	12	9.789 036	17	0.210 964	9.930 296	5	399	
602	9.719 344	13	9.789 053	17	0.210 947	9.930 291	5	398	
603	9.719 357	12	9.789 070	17	0.210 930	9.930 286	4	397	
604	9.719 369	12	9.789 087	17	0.210 913	9.930 282	5	396	
605	9.719 381	13	9.789 104	17	0.210 896	9.930 277	5	395	
606	9.719 394	12	9.789 121	17	0.210 879	9.930 272	4	394	
607	9.719 406	12	9.789 138	17	0.210 862	9.930 268	5	393	
608	9.719 418	12	9.789 155	17	0.210 845	9.930 263	5	392	
609	9.719 430	13	9.789 172	17	0.210 828	9.930 258	4	391	
.610	9.719 443	12	9.789 189	17	0.210 811	9.930 254	5	.390	
611	9.719 455	12	9.789 206	17	0.210 794	9.930 249	5	389	
612	9.719 467	13	9.789 223	17	0.210 777	9.930 244	4	388	
613	9.719 480	12	9.789 240	17	0.210 760	9.930 240	5	387	
614	9.719 492	12	9.789 257	17	0.210 743	9.930 235	5	386	
615	9.719 504	13	9.789 274	17	0.210 726	9.930 230	4	385	
616	9.719 517	12	9.789 291	17	0.210 709	9.930 226	5	384	
617	9.719 529	12	9.789 308	17	0.210 692	9.930 221	5	383	
618	9.719 541	13	9.789 325	17	0.210 675	9.930 216	4	382	
619	9.719 554	12	9.789 342	17	0.210 658	9.930 212	5	381	
.620	9.719 566	12	9.789 359	17	0.210 641	9.930 207	5	.380	
621	9.719 578	13	9.789 376	17	0.210 624	9.930 202	4	379	
622	9.719 591	12	9.789 393	17	0.210 607	9.930 198	5	378	
623	9.719 603	12	9.789 410	17	0.210 590	9.930 193	5	377	
624	9.719 615	12	9.789 427	17	0.210 573	9.930 188	4	376	
625	9.719 627	13	9.789 444	17	0.210 556	9.930 184	5	375	
626	9.719 640	12	9.789 461	17	0.210 539	9.930 179	5	374	
627	9.719 652	12	9.789 478	17	0.210 522	9.930 174	4	373	
628	9.719 664	13	9.789 495	17	0.210 505	9.930 170	5	372	
629	9.719 677	12	9.789 512	17	0.210 488	9.930 165	5	371	
.630	9.719 689	12	9.789 529	17	0.210 471	9.930 160	4	.370	
631	9.719 701	13	9.789 546	17	0.210 454	9.930 156	5	369	
632	9.719 714	12	9.789 563	17	0.210 437	9.930 151	5	368	
633	9.719 726	12	9.789 580	17	0.210 420	9.930 146	4	367	
634	9.719 738	13	9.789 597	16	0.210 403	9.930 142	5	366	
635	9.719 751	12	9.789 613	17	0.210 387	9.930 137	5	365	
636	9.719 763	12	9.789 630	17	0.210 370	9.930 132	4	364	
637	9.719 775	12	9.789 647	17	0.210 353	9.930 128	5	363	
638	9.719 787	13	9.789 664	17	0.210 336	9.930 123	5	362	
639	9.719 800	12	9.789 681	17	0.210 319	9.930 118	4	361	
.640	9.719 812	12	9.789 698	17	0.210 302	9.930 114	5	.360	
641	9.719 824	13	9.789 715	17	0.210 285	9.930 109	5	359	
642	9.719 837	12	9.789 732	17	0.210 268	9.930 104	4	358	
643	9.719 849	12	9.789 749	17	0.210 251	9.930 100	5	357	
644	9.719 861	13	9.789 766	17	0.210 234	9.930 095	5	356	
645	9.719 874	12	9.789 783	17	0.210 217	9.930 090	4	355	
646	9.719 886	12	9.789 800	17	0.210 200	9.930 086	5	354	
647	9.719 898	12	9.789 817	17	0.210 183	9.930 081	5	353	
648	9.719 910	13	9.789 834	17	0.210 166	9.930 076	4	352	
649	9.719 923	12	9.789 851	17	0.210 149	9.930 072	5	351	
.650	9.719 935		9.789 868		0.210 132	9.930 067		.350	
	cos	d	cotg	d	tang	sin	d	58°	P.P.

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58°.400 — 58°.350

31°.650 — 31°.700

31°	sin	d	tang	d	cotg	cos	d		P.P.
.650	9.719 935	12	9.789 868	17	0.210 132	9.930 067	5	.350	
651	9.719 947	13	9.789 885	17	0.210 115	9.930 062	4	349	
652	9.719 960	12	9.789 902	17	0.210 098	9.930 058	5	348	
653	9.719 972	12	9.789 919	17	0.210 081	9.930 053	5	347	
654	9.719 984	13	9.789 936	17	0.210 064	9.930 048	4	346	
655	9.719 997	12	9.789 953	17	0.210 047	9.930 044	5	345	
656	9.720 009	12	9.789 970	17	0.210 030	9.930 039	5	344	
657	9.720 021	12	9.789 987	17	0.210 013	9.930 034	4	343	
658	9.720 033	13	9.790 004	17	0.209 996	9.930 030	5	342	
659	9.720 046	12	9.790 021	17	0.209 979	9.930 025	5	341	
.660	9.720 058	12	9.790 038	17	0.209 962	9.930 020	4	.340	
661	9.720 070	13	9.790 055	17	0.209 945	9.930 016	5	339	
662	9.720 083	12	9.790 072	17	0.209 928	9.930 011	5	338	
663	9.720 095	12	9.790 089	17	0.209 911	9.930 006	4	337	
664	9.720 107	12	9.790 106	17	0.209 894	9.930 002	5	336	
665	9.720 119	13	9.790 123	17	0.209 877	9.929 997	5	335	
666	9.720 132	12	9.790 140	16	0.209 860	9.929 992	4	334	
667	9.720 144	12	9.790 156	17	0.209 844	9.929 988	5	333	
668	9.720 156	13	9.790 173	17	0.209 827	9.929 983	5	332	
669	9.720 169	12	9.790 190	17	0.209 810	9.929 978	4	331	
.670	9.720 181	12	9.790 207	17	0.209 793	9.929 974	5	.330	
671	9.720 193	12	9.790 224	17	0.209 776	9.929 969	5	329	
672	9.720 205	13	9.790 241	17	0.209 759	9.929 964	5	328	
673	9.720 218	12	9.790 258	17	0.209 742	9.929 959	4	327	
674	9.720 230	12	9.790 275	17	0.209 725	9.929 955	5	326	
675	9.720 242	13	9.790 292	17	0.209 708	9.929 950	5	325	
676	9.720 255	12	9.790 309	17	0.209 691	9.929 945	4	324	
677	9.720 267	12	9.790 326	17	0.209 674	9.929 941	5	323	
678	9.720 279	12	9.790 343	17	0.209 657	9.929 936	5	322	
679	9.720 291	13	9.790 360	17	0.209 640	9.929 931	4	321	
.680	9.720 304	12	9.790 377	17	0.209 623	9.929 927	5	.320	
681	9.720 316	12	9.790 394	17	0.209 606	9.929 922	5	319	
682	9.720 328	13	9.790 411	17	0.209 589	9.929 917	4	318	
683	9.720 341	12	9.790 428	17	0.209 572	9.929 913	5	317	
684	9.720 353	12	9.790 445	17	0.209 555	9.929 908	5	316	
685	9.720 365	12	9.790 462	17	0.209 538	9.929 903	4	315	
686	9.720 377	13	9.790 479	17	0.209 521	9.929 899	5	314	
687	9.720 390	12	9.790 496	17	0.209 504	9.929 894	5	313	
688	9.720 402	12	9.790 513	17	0.209 487	9.929 889	4	312	
689	9.720 414	13	9.790 530	17	0.209 470	9.929 885	5	311	
.690	9.720 427	12	9.790 547	17	0.209 453	9.929 880	5	.310	
691	9.720 439	12	9.790 564	16	0.209 436	9.929 875	4	309	
692	9.720 451	12	9.790 580	17	0.209 420	9.929 871	5	308	
693	9.720 463	13	9.790 597	17	0.209 403	9.929 866	5	307	
694	9.720 476	12	9.790 614	17	0.209 386	9.929 861	4	306	
695	9.720 488	12	9.790 631	17	0.209 369	9.929 857	5	305	
696	9.720 500	12	9.790 648	17	0.209 352	9.929 852	5	304	
697	9.720 512	13	9.790 665	17	0.209 335	9.929 847	4	303	
698	9.720 525	12	9.790 682	17	0.209 318	9.929 843	5	302	
699	9.720 537	12	9.790 699	17	0.209 301	9.929 838	5	301	
.700	9.720 549		9.790 716		0.209 284	9.929 833		.300	
	cos	d	cotg	d	tang	sin	d	58°	P.P.

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58°.350 — 58°.300

31°.700 — 31°.750

31°	sin	d	tang	d	cotg	cos	d		P.P.
.700	9.720 549	13	9.790 716	17	0.209 284	9.929 833	5	.300	
701	9.720 562	12	9.790 733	17	0.209 267	9.929 828	4	299	
702	9.720 574	12	9.790 750	17	0.209 250	9.929 824	5	298	
703	9.720 586	12	9.790 767	17	0.209 233	9.929 819	5	297	
704	9.720 598	13	9.790 784	17	0.209 216	9.929 814	4	296	
705	9.720 611	12	9.790 801	17	0.209 199	9.929 810	5	295	
706	9.720 623	12	9.790 818	17	0.209 182	9.929 805	5	294	
707	9.720 635	12	9.790 835	17	0.209 165	9.929 800	4	293	
708	9.720 647	13	9.790 852	17	0.209 148	9.929 796	5	292	
709	9.720 660	12	9.790 869	17	0.209 131	9.929 791	5	291	
.710	9.720 672	12	9.790 886	17	0.209 114	9.929 786	4	.290	
711	9.720 684	13	9.790 903	17	0.209 097	9.929 782	5	289	
712	9.720 697	12	9.790 920	17	0.209 080	9.929 777	5	288	
713	9.720 709	12	9.790 937	16	0.209 063	9.929 772	4	287	
714	9.720 721	12	9.790 953	17	0.209 047	9.929 768	5	286	
715	9.720 733	13	9.790 970	17	0.209 030	9.929 763	5	285	
716	9.720 746	12	9.790 987	17	0.209 013	9.929 758	4	284	
717	9.720 758	12	9.791 004	17	0.208 996	9.929 754	5	283	
718	9.720 770	12	9.791 021	17	0.208 979	9.929 749	5	282	
719	9.720 782	13	9.791 038	17	0.208 962	9.929 744	5	281	
.720	9.720 795	12	9.791 055	17	0.208 945	9.929 739	4	.280	
721	9.720 807	12	9.791 072	17	0.208 928	9.929 735	5	279	
722	9.720 819	12	9.791 089	17	0.208 911	9.929 730	5	278	
723	9.720 831	13	9.791 106	17	0.208 894	9.929 725	4	277	
724	9.720 844	12	9.791 123	17	0.208 877	9.929 721	5	276	
725	9.720 856	12	9.791 140	17	0.208 860	9.929 716	5	275	
726	9.720 868	12	9.791 157	17	0.208 843	9.929 711	4	274	
727	9.720 880	13	9.791 174	17	0.208 826	9.929 707	5	273	
728	9.720 893	12	9.791 191	17	0.208 809	9.929 702	5	272	
729	9.720 905	12	9.791 208	17	0.208 792	9.929 697	4	271	
.730	9.720 917	13	9.791 225	17	0.208 775	9.929 693	5	.270	
731	9.720 930	12	9.791 242	17	0.208 758	9.929 688	5	269	
732	9.720 942	12	9.791 259	16	0.208 741	9.929 683	4	268	
733	9.720 954	12	9.791 275	17	0.208 725	9.929 679	5	267	
734	9.720 966	13	9.791 292	17	0.208 708	9.929 674	5	266	
735	9.720 979	12	9.791 309	17	0.208 691	9.929 669	4	265	
736	9.720 991	12	9.791 326	17	0.208 674	9.929 665	5	264	
737	9.721 003	12	9.791 343	17	0.208 657	9.929 660	5	263	
738	9.721 015	13	9.791 360	17	0.208 640	9.929 655	5	262	
739	9.721 028	12	9.791 377	17	0.208 623	9.929 650	4	261	
.740	9.721 040	12	9.791 394	17	0.208 606	9.929 646	5	.260	
741	9.721 052	12	9.791 411	17	0.208 589	9.929 641	5	259	
742	9.721 064	13	9.791 428	17	0.208 572	9.929 636	4	258	
743	9.721 077	12	9.791 445	17	0.208 555	9.929 632	5	257	
744	9.721 089	12	9.791 462	17	0.208 538	9.929 627	5	256	
745	9.721 101	12	9.791 479	17	0.208 521	9.929 622	4	255	
746	9.721 113	13	9.791 496	17	0.208 504	9.929 618	5	254	
747	9.721 126	12	9.791 513	17	0.208 487	9.929 613	5	253	
748	9.721 138	12	9.791 530	17	0.208 470	9.929 608	4	252	
749	9.721 150	12	9.791 547	16	0.208 453	9.929 604	5	251	
.750	9.721 162		9.791 563		0.208 437	9.929 599		.250	
	cos	d	cotg	d	tang	sin	d	58°	P.P.

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58°.300 — 58°.250

31°.750 — 31°.800

31°	sin	d	tang	d	cotg	cos	d		P.P.
.750	9.721 162	13	9.791 563	17	0.208 437	9.929 599	5	.250	
751	9.721 175	12	9.791 580	17	0.208 420	9.929 594	5	249	
752	9.721 187	12	9.791 597	17	0.208 403	9.929 589	4	248	
753	9.721 199	12	9.791 614	17	0.208 386	9.929 585	5	247	
754	9.721 211	13	9.791 631	17	0.208 369	9.929 580	5	246	
755	9.721 224	12	9.791 648	17	0.208 352	9.929 575	4	245	
756	9.721 236	12	9.791 665	17	0.208 335	9.929 571	5	244	
757	9.721 248	12	9.791 682	17	0.208 318	9.929 566	5	243	
758	9.721 260	13	9.791 699	17	0.208 301	9.929 561	4	242	
759	9.721 273	12	9.791 716	17	0.208 284	9.929 557	5	241	
.760	9.721 285	12	9.791 733	17	0.208 267	9.929 552	5	.240	
761	9.721 297	12	9.791 750	17	0.208 250	9.929 547	4	239	
762	9.721 309	13	9.791 767	17	0.208 233	9.929 543	5	238	
763	9.721 322	12	9.791 784	17	0.208 216	9.929 538	5	237	
764	9.721 334	12	9.791 801	17	0.208 199	9.929 533	5	236	
765	9.721 346	12	9.791 818	16	0.208 182	9.929 528	4	235	
766	9.721 358	12	9.791 834	17	0.208 166	9.929 524	5	234	
767	9.721 370	13	9.791 851	17	0.208 149	9.929 519	5	233	
768	9.721 383	12	9.791 868	17	0.208 132	9.929 514	4	232	
769	9.721 395	12	9.791 885	17	0.208 115	9.929 510	5	231	
.770	9.721 407	12	9.791 902	17	0.208 098	9.929 505	5	.230	
771	9.721 419	13	9.791 919	17	0.208 081	9.929 500	4	229	
772	9.721 432	12	9.791 936	17	0.208 064	9.929 496	5	228	
773	9.721 444	12	9.791 953	17	0.208 047	9.929 491	5	227	
774	9.721 456	12	9.791 970	17	0.208 030	9.929 486	4	226	
775	9.721 468	13	9.791 987	17	0.208 013	9.929 482	5	225	
776	9.721 481	12	9.792 004	17	0.207 996	9.929 477	5	224	
777	9.721 493	12	9.792 021	17	0.207 979	9.929 472	5	223	
778	9.721 505	12	9.792 038	17	0.207 962	9.929 467	4	222	
779	9.721 517	13	9.792 055	17	0.207 945	9.929 463	5	221	
.780	9.721 530	12	9.792 072	16	0.207 928	9.929 458	5	.220	
781	9.721 542	12	9.792 088	17	0.207 912	9.929 453	4	219	
782	9.721 554	12	9.792 105	17	0.207 895	9.929 449	5	218	
783	9.721 566	13	9.792 122	17	0.207 878	9.929 444	5	217	
784	9.721 579	12	9.792 139	17	0.207 861	9.929 439	4	216	
785	9.721 591	12	9.792 156	17	0.207 844	9.929 435	5	215	
786	9.721 603	12	9.792 173	17	0.207 827	9.929 430	5	214	
787	9.721 615	12	9.792 190	17	0.207 810	9.929 425	5	213	
788	9.721 627	13	9.792 207	17	0.207 793	9.929 420	4	212	
789	9.721 640	12	9.792 224	17	0.207 776	9.929 416	5	211	
.790	9.721 652	12	9.792 241	17	0.207 759	9.929 411	5	.210	
791	9.721 664	12	9.792 258	17	0.207 742	9.929 406	4	209	
792	9.721 676	13	9.792 275	17	0.207 725	9.929 402	5	208	
793	9.721 689	12	9.792 292	17	0.207 708	9.929 397	5	207	
794	9.721 701	12	9.792 309	16	0.207 691	9.929 392	4	206	
795	9.721 713	12	9.792 325	17	0.207 675	9.929 388	5	205	
796	9.721 725	13	9.792 342	17	0.207 658	9.929 383	5	204	
797	9.721 738	12	9.792 359	17	0.207 641	9.929 378	5	203	
798	9.721 750	12	9.792 376	17	0.207 624	9.929 373	4	202	
799	9.721 762	12	9.792 393	17	0.207 607	9.929 369	5	201	
.800	9.721 774		9.792 410		0.207 590	9.929 364		.200	
	cos	d	cotg	d	tang	sin	d	58°	P.P.

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58°.250 — 58°.200

31°.800 — 31°.850

31°	sin	d	tang	d	cotg	cos	d		P.P.
.800	9.721 774	12	9.792 410	17	0.207 590	9.929 364	5	.200	
801	9.721 786	13	9.792 427	17	0.207 573	9.929 359	4	199	
802	9.721 799	12	9.792 444	17	0.207 556	9.929 355	5	198	
803	9.721 811	12	9.792 461	17	0.207 539	9.929 350	5	197	
804	9.721 823	12	9.792 478	17	0.207 522	9.929 345	4	196	
805	9.721 835	13	9.792 495	17	0.207 505	9.929 341	5	195	
806	9.721 848	12	9.792 512	17	0.207 488	9.929 336	5	194	
807	9.721 860	12	9.792 529	16	0.207 471	9.929 331	5	193	
808	9.721 872	12	9.792 545	17	0.207 455	9.929 326	4	192	
809	9.721 884	12	9.792 562	17	0.207 438	9.929 322	5	191	
.810	9.721 896	13	9.792 579	17	0.207 421	9.929 317	5	.190	
811	9.721 909	12	9.792 596	17	0.207 404	9.929 312	4	189	
812	9.721 921	12	9.792 613	17	0.207 387	9.929 308	5	188	
813	9.721 933	12	9.792 630	17	0.207 370	9.929 303	5	187	
814	9.721 945	13	9.792 647	17	0.207 353	9.929 298	4	186	
815	9.721 958	12	9.792 664	17	0.207 336	9.929 294	5	185	
816	9.721 970	12	9.792 681	17	0.207 319	9.929 289	5	184	
817	9.721 982	12	9.792 698	17	0.207 302	9.929 284	5	183	
818	9.721 994	12	9.792 715	17	0.207 285	9.929 279	4	182	
819	9.722 006	13	9.792 732	17	0.207 268	9.929 275	5	181	
.820	9.722 019	12	9.792 749	16	0.207 251	9.929 270	5	.180	
821	9.722 031	12	9.792 765	17	0.207 235	9.929 265	4	179	
822	9.722 043	12	9.792 782	17	0.207 218	9.929 261	5	178	
823	9.722 055	12	9.792 799	17	0.207 201	9.929 256	5	177	
824	9.722 067	13	9.792 816	17	0.207 184	9.929 251	4	176	
825	9.722 080	12	9.792 833	17	0.207 167	9.929 247	5	175	
826	9.722 092	12	9.792 850	17	0.207 150	9.929 242	5	174	
827	9.722 104	12	9.792 867	17	0.207 133	9.929 237	5	173	
828	9.722 116	13	9.792 884	17	0.207 116	9.929 232	4	172	
829	9.722 129	12	9.792 901	17	0.207 099	9.929 228	5	171	
.830	9.722 141	12	9.792 918	17	0.207 082	9.929 223	5	.170	
831	9.722 153	12	9.792 935	17	0.207 065	9.929 218	4	169	
832	9.722 165	12	9.792 952	16	0.207 048	9.929 214	5	168	
833	9.722 177	13	9.792 968	17	0.207 032	9.929 209	5	167	
834	9.722 190	12	9.792 985	17	0.207 015	9.929 204	5	166	
835	9.722 202	12	9.793 002	17	0.206 998	9.929 199	4	165	
836	9.722 214	12	9.793 019	17	0.206 981	9.929 195	5	164	
837	9.722 226	12	9.793 036	17	0.206 964	9.929 190	5	163	
838	9.722 238	13	9.793 053	17	0.206 947	9.929 185	4	162	
839	9.722 251	12	9.793 070	17	0.206 930	9.929 181	5	161	
.840	9.722 263	12	9.793 087	17	0.206 913	9.929 176	5	.160	
841	9.722 275	12	9.793 104	17	0.206 896	9.929 171	4	159	
842	9.722 287	12	9.793 121	17	0.206 879	9.929 167	5	158	
843	9.722 299	13	9.793 138	16	0.206 862	9.929 162	5	157	
844	9.722 312	12	9.793 154	17	0.206 846	9.929 157	5	156	
845	9.722 324	12	9.793 171	17	0.206 829	9.929 152	4	155	
846	9.722 336	12	9.793 188	17	0.206 812	9.929 148	5	154	
847	9.722 348	12	9.793 205	17	0.206 795	9.929 143	5	153	
848	9.722 360	13	9.793 222	17	0.206 778	9.929 138	4	152	
849	9.722 373	12	9.793 239	17	0.206 761	9.929 134	5	151	
.850	9.722 385		9.793 256		0.206 744	9.929 129		.150	
	cos	d	cotg	d	tang	sin	d	58°	P.P.

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58°.200 — 58°.150

31°.850 — 31°.900

31°	sin	d	tang	d	cotg	cos	d		P.P.
.850	9.722 385	12	9.793 256	17	0.206 744	9.929 129	5	.150	
851	9.722 397	12	9.793 273	17	0.206 727	9.929 124	5	149	
852	9.722 409	12	9.793 290	17	0.206 710	9.929 119	4	148	
853	9.722 421	13	9.793 307	17	0.206 693	9.929 115	5	147	
854	9.722 434	12	9.793 324	17	0.206 676	9.929 110	5	146	
855	9.722 446	12	9.793 341	16	0.206 659	9.929 105	4	145	
856	9.722 458	12	9.793 357	17	0.206 643	9.929 101	5	144	
857	9.722 470	12	9.793 374	17	0.206 626	9.929 096	5	143	
858	9.722 482	13	9.793 391	17	0.206 609	9.929 091	5	142	
859	9.722 495	12	9.793 408	17	0.206 592	9.929 086	4	141	
.860	9.722 507	12	9.793 425	17	0.206 575	9.929 082	5	.140	
861	9.722 519	12	9.793 442	17	0.206 558	9.929 077	5	139	
862	9.722 531	12	9.793 459	17	0.206 541	9.929 072	4	138	
863	9.722 543	13	9.793 476	17	0.206 524	9.929 068	5	137	
864	9.722 556	12	9.793 493	17	0.206 507	9.929 063	5	136	
865	9.722 568	12	9.793 510	16	0.206 490	9.929 058	4	135	
866	9.722 580	12	9.793 526	17	0.206 474	9.929 054	5	134	
867	9.722 592	12	9.793 543	17	0.206 457	9.929 049	5	133	
868	9.722 604	13	9.793 560	17	0.206 440	9.929 044	5	132	
869	9.722 617	12	9.793 577	17	0.206 423	9.929 039	4	131	
.870	9.722 629	12	9.793 594	17	0.206 406	9.929 035	5	.130	
871	9.722 641	12	9.793 611	17	0.206 389	9.929 030	5	129	
872	9.722 653	12	9.793 628	17	0.206 372	9.929 025	4	128	
873	9.722 665	13	9.793 645	17	0.206 355	9.929 021	5	127	
874	9.722 678	12	9.793 662	17	0.206 338	9.929 016	5	126	
875	9.722 690	12	9.793 679	17	0.206 321	9.929 011	5	125	
876	9.722 702	12	9.793 696	16	0.206 304	9.929 006	4	124	
877	9.722 714	12	9.793 712	17	0.206 288	9.929 002	5	123	
878	9.722 726	12	9.793 729	17	0.206 271	9.928 997	5	122	
879	9.722 738	13	9.793 746	17	0.206 254	9.928 992	4	121	
.880	9.722 751	12	9.793 763	17	0.206 237	9.928 988	5	.120	
881	9.722 763	12	9.793 780	17	0.206 220	9.928 983	5	119	
882	9.722 775	12	9.793 797	17	0.206 203	9.928 978	5	118	
883	9.722 787	12	9.793 814	17	0.206 186	9.928 973	4	117	
884	9.722 799	13	9.793 831	17	0.206 169	9.928 969	5	116	
885	9.722 812	12	9.793 848	17	0.206 152	9.928 964	5	115	
886	9.722 824	12	9.793 865	16	0.206 135	9.928 959	4	114	
887	9.722 836	12	9.793 881	17	0.206 119	9.928 955	5	113	
888	9.722 848	12	9.793 898	17	0.206 102	9.928 950	5	112	
889	9.722 860	13	9.793 915	17	0.206 085	9.928 945	5	111	
.890	9.722 873	12	9.793 932	17	0.206 068	9.928 940	4	.110	
891	9.722 885	12	9.793 949	17	0.206 051	9.928 936	5	109	
892	9.722 897	12	9.793 966	17	0.206 034	9.928 931	5	108	
893	9.722 909	12	9.793 983	17	0.206 017	9.928 926	4	107	
894	9.722 921	12	9.794 000	17	0.206 000	9.928 922	5	106	
895	9.722 933	13	9.794 017	17	0.205 983	9.928 917	5	105	
896	9.722 946	12	9.794 034	16	0.205 966	9.928 912	5	104	
897	9.722 958	12	9.794 050	17	0.205 950	9.928 907	4	103	
898	9.722 970	12	9.794 067	17	0.205 933	9.928 903	5	102	
899	9.722 982	12	9.794 084	17	0.205 916	9.928 898	5	101	
.900	9.722 994		9.794 101		0.205 899	9.928 893		.100	
	cos	d	cotg	d	tang	sin	d	58°	P.P.

	17
1	1.7
2	3.4
3	5.1
4	6.8
5	8.5
6	10.2
7	11.9
8	13.6
9	15.3

	16
1	1.6
2	3.2
3	4.8
4	6.4
5	8.0
6	9.6
7	11.2
8	12.8
9	14.4

	13
1	1.3
2	2.6
3	3.9
4	5.2
5	6.5
6	7.8
7	9.1
8	10.4
9	11.7

	12
1	1.2
2	2.4
3	3.6
4	4.8
5	6.0
6	7.2
7	8.4
8	9.6
9	10.8

58°.150 — 58°.100

31°.900 — 31°.950

31°	sin	d	tang	d	cotg	cos	d		P.P.
.900	9.722 994	12	9.794 101	17	0.205 899	9.928 893	5	**.100**	
901	9.723 006	13	9.794 118	17	0.205 882	9.928 888	4	099	
902	9.723 019	12	9.794 135	17	0.205 865	9.928 884	5	098	
903	9.723 031	12	9.794 152	17	0.205 848	9.928 879	5	097	
904	9.723 043	12	9.794 169	17	0.205 831	9.928 874	4	096	
905	9.723 055	12	9.794 186	16	0.205 814	9.928 870	5	095	
906	9.723 067	13	9.794 202	17	0.205 798	9.928 865	5	094	
907	9.723 080	12	9.794 219	17	0.205 781	9.928 860	5	093	
908	9.723 092	12	9.794 236	17	0.205 764	9.928 855	4	092	
909	9.723 104	12	9.794 253	17	0.205 747	9.928 851	5	091	
.910	9.723 116	12	9.794 270	17	0.205 730	9.928 846	5	**.090**	
911	9.723 128	12	9.794 287	17	0.205 713	9.928 841	4	089	
912	9.723 140	13	9.794 304	17	0.205 696	9.928 837	5	088	
913	9.723 153	12	9.794 321	17	0.205 679	9.928 832	5	087	
914	9.723 165	12	9.794 338	17	0.205 662	9.928 827	5	086	
915	9.723 177	12	9.794 355	16	0.205 645	9.928 822	4	085	
916	9.723 189	12	9.794 371	17	0.205 629	9.928 818	5	084	
917	9.723 201	12	9.794 388	17	0.205 612	9.928 813	5	083	
918	9.723 213	13	9.794 405	17	0.205 595	9.928 808	4	082	
919	9.723 226	12	9.794 422	17	0.205 578	9.928 804	5	081	
.920	9.723 238	12	9.794 439	17	0.205 561	9.928 799	5	**.080**	
921	9.723 250	12	9.794 456	17	0.205 544	9.928 794	5	079	
922	9.723 262	12	9.794 473	17	0.205 527	9.928 789	4	078	
923	9.723 274	12	9.794 490	17	0.205 510	9.928 785	5	077	
924	9.723 286	13	9.794 507	16	0.205 493	9.928 780	5	076	
925	9.723 299	12	9.794 523	17	0.205 477	9.928 775	5	075	
926	9.723 311	12	9.794 540	17	0.205 460	9.928 770	4	074	
927	9.723 323	12	9.794 557	17	0.205 443	9.928 766	5	073	
928	9.723 335	12	9.794 574	17	0.205 426	9.928 761	5	072	
929	9.723 347	12	9.794 591	17	0.205 409	9.928 756	4	071	
.930	9.723 359	13	9.794 608	17	0.205 392	9.928 752	5	**.070**	
931	9.723 372	12	9.794 625	17	0.205 375	9.928 747	5	069	
932	9.723 384	12	9.794 642	17	0.205 358	9.928 742	5	068	
933	9.723 396	12	9.794 659	16	0.205 341	9.928 737	4	067	
934	9.723 408	12	9.794 675	17	0.205 325	9.928 733	5	066	
935	9.723 420	12	9.794 692	17	0.205 308	9.928 728	5	065	
936	9.723 432	13	9.794 709	17	0.205 291	9.928 723	4	064	
937	9.723 445	12	9.794 726	17	0.205 274	9.928 719	5	063	
938	9.723 457	12	9.794 743	17	0.205 257	9.928 714	5	062	
939	9.723 469	12	9.794 760	17	0.205 240	9.928 709	5	061	
.940	9.723 481	12	9.794 777	17	0.205 223	9.928 704	4	**.060**	
941	9.723 493	12	9.794 794	16	0.205 206	9.928 700	5	059	
942	9.723 505	13	9.794 810	17	0.205 190	9.928 695	5	058	
943	9.723 518	12	9.794 827	17	0.205 173	9.928 690	5	057	
944	9.723 530	12	9.794 844	17	0.205 156	9.928 685	4	056	
945	9.723 542	12	9.794 861	17	0.205 139	9.928 681	5	055	
946	9.723 554	12	9.794 878	17	0.205 122	9.928 676	5	054	
947	9.723 566	12	9.794 895	17	0.205 105	9.928 671	4	053	
948	9.723 578	12	9.794 912	17	0.205 088	9.928 667	5	052	
949	9.723 590	13	9.794 929	17	0.205 071	9.928 662	5	051	
.950	9.723 603		9.794 946		0.205 054	9.928 657		**.050**	
	cos	d	cotg	d	tang	sin	d	58°	P.P.

	17
1	1.7
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3	5.1
4	6.8
5	8.5
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7	11.9
8	13.6
9	15.3

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1	1.6
2	3.2
3	4.8
4	6.4
5	8.0
6	9.6
7	11.2
8	12.8
9	14.4

	13
1	1.3
2	2.6
3	3.9
4	5.2
5	6.5
6	7.8
7	9.1
8	10.4
9	11.7

	12
1	1.2
2	2.4
3	3.6
4	4.8
5	6.0
6	7.2
7	8.4
8	9.6
9	10.8

58°.100 — 58°.050

31°.950 — 32°.000

31°	sin	d	tang	d	cotg	cos	d		P.P.
.950	9.723 603	12	9.794 946	16	0.205 054	9.928 657	5	**.050**	
951	9.723 615	12	9.794 962	17	0.205 038	9.928 652	4	049	
952	9.723 627	12	9.794 979	17	0.205 021	9.928 648	5	048	
953	9.723 639	12	9.794 996	17	0.205 004	9.928 643	5	047	
954	9.723 651	12	9.795 013	17	0.204 987	9.928 638	5	046	
955	9.723 663	13	9.795 030	17	0.204 970	9.928 633	4	045	
956	9.723 676	12	9.795 047	17	0.204 953	9.928 629	5	044	
957	9.723 688	12	9.795 064	17	0.204 936	9.928 624	5	043	
958	9.723 700	12	9.795 081	16	0.204 919	9.928 619	4	042	
959	9.723 712	12	9.795 097	17	0.204 903	9.928 615	5	041	
.960	9.723 724	12	9.795 114	17	0.204 886	9.928 610	5	**.040**	
961	9.723 736	12	9.795 131	17	0.204 869	9.928 605	5	039	
962	9.723 748	13	9.795 148	17	0.204 852	9.928 600	4	038	
963	9.723 761	12	9.795 165	17	0.204 835	9.928 596	5	037	
964	9.723 773	12	9.795 182	17	0.204 818	9.928 591	5	036	
965	9.723 785	12	9.795 199	17	0.204 801	9.928 586	5	035	
966	9.723 797	12	9.795 216	16	0.204 784	9.928 581	4	034	
967	9.723 809	12	9.795 232	17	0.204 768	9.928 577	5	033	
968	9.723 821	12	9.795 249	17	0.204 751	9.928 572	5	032	
969	9.723 833	13	9.795 266	17	0.204 734	9.928 567	5	031	
.970	9.723 846	12	9.795 283	17	0.204 717	9.928 562	4	**.030**	
971	9.723 858	12	9.795 300	17	0.204 700	9.928 558	5	029	
972	9.723 870	12	9.795 317	17	0.204 683	9.928 553	5	028	
973	9.723 882	12	9.795 334	17	0.204 666	9.928 548	4	027	
974	9.723 894	12	9.795 351	16	0.204 649	9.928 544	5	026	
975	9.723 906	12	9.795 367	17	0.204 633	9.928 539	5	025	
976	9.723 918	13	9.795 384	17	0.204 616	9.928 534	5	024	
977	9.723 931	12	9.795 401	17	0.204 599	9.928 529	4	023	
978	9.723 943	12	9.795 418	17	0.204 582	9.928 525	5	022	
979	9.723 955	12	9.795 435	17	0.204 565	9.928 520	5	021	
.980	9.723 967	12	9.795 452	17	0.204 548	9.928 515	5	**.020**	
981	9.723 979	12	9.795 469	17	0.204 531	9.928 510	4	019	
982	9.723 991	12	9.795 486	16	0.204 514	9.928 506	5	018	
983	9.724 003	13	9.795 502	17	0.204 498	9.928 501	5	017	
984	9.724 016	12	9.795 519	17	0.204 481	9.928 496	4	016	
985	9.724 028	12	9.795 536	17	0.204 464	9.928 492	5	015	
986	9.724 040	12	9.795 553	17	0.204 447	9.928 487	5	014	
987	9.724 052	12	9.795 570	17	0.204 430	9.928 482	5	013	
988	9.724 064	12	9.795 587	17	0.204 413	9.928 477	4	012	
989	9.724 076	12	9.795 604	17	0.204 396	9.928 473	5	011	
.990	9.724 088	13	9.795 621	16	0.204 379	9.928 468	5	**.010**	
991	9.724 101	12	9.795 637	17	0.204 363	9.928 463	5	009	
992	9.724 113	12	9.795 654	17	0.204 346	9.928 458	4	008	
993	9.724 125	12	9.795 671	17	0.204 329	9.928 454	5	007	
994	9.724 137	12	9.795 688	17	0.204 312	9.928 449	5	006	
995	9.724 149	12	9.795 705	17	0.204 295	9.928 444	5	005	
996	9.724 161	12	9.795 722	17	0.204 278	9.928 439	4	004	
997	9.724 173	12	9.795 739	16	0.204 261	9.928 435	5	003	
998	9.724 185	13	9.795 755	17	0.204 245	9.928 430	5	002	
999	9.724 198	12	9.795 772	17	0.204 228	9.928 425	5	001	
***.000**	9.724 210		9.795 789		0.204 211	9.928 420		**.000**	
	cos	d	cotg	d	tang	sin	d	**58°**	P.P.

	17	16
1	1.7	1.6
2	3.4	3.2
3	5.1	4.8
4	6.8	6.4
5	8.5	8.0
6	10.2	9.6
7	11.9	11.2
8	13.6	12.8
9	15.3	14.4

	13	12
1	1.3	1.2
2	2.6	2.4
3	3.9	3.6
4	5.2	4.8
5	6.5	6.0
6	7.8	7.2
7	9.1	8.4
8	10.4	9.6
9	11.7	10.8

58°.050 — 58°.000

32°.000 — 32°.050

32°	sin	d	tang	d	cotg	cos	d		P.P.
.000	9.724 210	12	9.795 789	17	0.204 211	9.928 420	4	***000**	
001	9.724 222	12	9.795 806	17	0.204 194	9.928 416	5	999	
002	9.724 234	12	9.795 823	17	0.204 177	9.928 411	5	998	
003	9.724 246	12	9.795 840	17	0.204 160	9.928 406	4	997	
004	9.724 258	12	9.795 857	17	0.204 143	9.928 402	5	996	
005	9.724 270	12	9.795 874	16	0.204 126	9.928 397	5	995	
006	9.724 282	13	9.795 890	17	0.204 110	9.928 392	5	994	
007	9.724 295	12	9.795 907	17	0.204 093	9.928 387	4	993	
008	9.724 307	12	9.795 924	17	0.204 076	9.928 383	5	992	
009	9.724 319	12	9.795 941	17	0.204 059	9.928 378	5	991	
.010	9.724 331	12	9.795 958	17	0.204 042	9.928 373	5	**.990**	
011	9.724 343	12	9.795 975	17	0.204 025	9.928 368	4	989	
012	9.724 355	12	9.795 992	16	0.204 008	9.928 364	5	988	
013	9.724 367	12	9.796 008	17	0.203 992	9.928 359	5	987	
014	9.724 379	13	9.796 025	17	0.203 975	9.928 354	5	986	
015	9.724 392	12	9.796 042	17	0.203 958	9.928 349	4	985	
016	9.724 404	12	9.796 059	17	0.203 941	9.928 345	5	984	
017	9.724 416	12	9.796 076	17	0.203 924	9.928 340	5	983	
018	9.724 428	12	9.796 093	17	0.203 907	9.928 335	5	982	
019	9.724 440	12	9.796 110	17	0.203 890	9.928 330	4	981	
.020	9.724 452	12	9.796 127	16	0.203 873	9.928 326	5	**.980**	
021	9.724 464	12	9.796 143	17	0.203 857	9.928 321	5	979	
022	9.724 476	13	9.796 160	17	0.203 840	9.928 316	5	978	
023	9.724 489	12	9.796 177	17	0.203 823	9.928 311	4	977	
024	9.724 501	12	9.796 194	17	0.203 806	9.928 307	5	976	
025	9.724 513	12	9.796 211	17	0.203 789	9.928 302	5	975	
026	9.724 525	12	9.796 228	17	0.203 772	9.928 297	4	974	
027	9.724 537	12	9.796 245	16	0.203 755	9.928 293	5	973	
028	9.724 549	12	9.796 261	17	0.203 739	9.928 288	5	972	
029	9.724 561	12	9.796 278	17	0.203 722	9.928 283	5	971	
.030	9.724 573	13	9.796 295	17	0.203 705	9.928 278	4	**.970**	
031	9.724 586	12	9.796 312	17	0.203 688	9.928 274	5	969	
032	9.724 598	12	9.796 329	17	0.203 671	9.928 269	5	968	
033	9.724 610	12	9.796 346	17	0.203 654	9.928 264	5	967	
034	9.724 622	12	9.796 363	16	0.203 637	9.928 259	4	966	
035	9.724 634	12	9.796 379	17	0.203 621	9.928 255	5	965	
036	9.724 646	12	9.796 396	17	0.203 604	9.928 250	5	964	
037	9.724 658	12	9.796 413	17	0.203 587	9.928 245	5	963	
038	9.724 670	12	9.796 430	17	0.203 570	9.928 240	4	962	
039	9.724 682	13	9.796 447	17	0.203 553	9.928 236	5	961	
.040	9.724 695	12	9.796 464	17	0.203 536	9.928 231	5	**.960**	
041	9.724 707	12	9.796 481	16	0.203 519	9.928 226	5	959	
042	9.724 719	12	9.796 497	17	0.203 503	9.928 221	4	958	
043	9.724 731	12	9.796 514	17	0.203 486	9.928 217	5	957	
044	9.724 743	12	9.796 531	17	0.203 469	9.928 212	5	956	
045	9.724 755	12	9.796 548	17	0.203 452	9.928 207	5	955	
046	9.724 767	12	9.796 565	17	0.203 435	9.928 202	4	954	
047	9.724 779	12	9.796 582	16	0.203 418	9.928 198	5	953	
048	9.724 791	13	9.796 598	17	0.203 402	9.928 193	5	952	
049	9.724 804	12	9.796 615	17	0.203 385	9.928 188	5	951	
.050	9.724 816		9.796 632		0.203 368	9.928 183		**.950**	
	cos	d	cotg	d	tang	sin	d	**57°**	P.P.

	17	16
1	1.7	1.6
2	3.4	3.2
3	5.1	4.8
4	6.8	6.4
5	8.5	8.0
6	10.2	9.6
7	11.9	11.2
8	13.6	12.8
9	15.3	14.4

	13	12
1	1.3	1.2
2	2.6	2.4
3	3.9	3.6
4	5.2	4.8
5	6.5	6.0
6	7.8	7.2
7	9.1	8.4
8	10.4	9.6
9	11.7	10.8

58°.000 — 57°.950

32°.050 — 32°.100

32°	sin	d	tang	d	cotg	cos	d		P.P.
.050	9.724 816	12	9.796 632	17	0.203 368	9.928 183	4	**.950**	
051	9.724 828	12	9.796 649	17	0.203 351	9.928 179	5	949	
052	9.724 840	12	9.796 666	17	0.203 334	9.928 174	5	948	
053	9.724 852	12	9.796 683	17	0.203 317	9.928 169	5	947	
054	9.724 864	12	9.796 700	16	0.203 300	9.928 164	4	946	
055	9.724 876	12	9.796 716	17	0.203 284	9.928 160	5	945	
056	9.724 888	12	9.796 733	17	0.203 267	9.928 155	5	944	
057	9.724 900	12	9.796 750	17	0.203 250	9.928 150	5	943	
058	9.724 912	13	9.796 767	17	0.203 233	9.928 145	4	942	
059	9.724 925	12	9.796 784	17	0.203 216	9.928 141	5	941	
.060	9.724 937	12	9.796 801	17	0.203 199	9.928 136	5	**.940**	
061	9.724 949	12	9.796 818	16	0.203 182	9.928 131	5	939	
062	9.724 961	12	9.796 834	17	0.203 166	9.928 126	4	938	
063	9.724 973	12	9.796 851	17	0.203 149	9.928 122	5	937	
064	9.724 985	12	9.796 868	17	0.203 132	9.928 117	5	936	
065	9.724 997	12	9.796 885	17	0.203 115	9.928 112	5	935	
066	9.725 009	12	9.796 902	17	0.203 098	9.928 107	4	934	
067	9.725 021	12	9.796 919	17	0.203 081	9.928 103	5	933	
068	9.725 033	13	9.796 936	16	0.203 064	9.928 098	5	932	
069	9.725 046	12	9.796 952	17	0.203 048	9.928 093	5	931	
.070	9.725 058	12	9.796 969	17	0.203 031	9.928 088	4	**.930**	
071	9.725 070	12	9.796 986	17	0.203 014	9.928 084	5	929	
072	9.725 082	12	9.797 003	17	0.202 997	9.928 079	5	928	
073	9.725 094	12	9.797 020	17	0.202 980	9.928 074	5	927	
074	9.725 106	12	9.797 037	16	0.202 963	9.928 069	4	926	
075	9.725 118	12	9.797 053	17	0.202 947	9.928 065	5	925	
076	9.725 130	12	9.797 070	17	0.202 930	9.928 060	5	924	
077	9.725 142	12	9.797 087	17	0.202 913	9.928 055	5	923	
078	9.725 154	13	9.797 104	17	0.202 896	9.928 050	4	922	
079	9.725 167	12	9.797 121	17	0.202 879	9.928 046	5	921	
.080	9.725 179	12	9.797 138	16	0.202 862	9.928 041	5	**.920**	
081	9.725 191	12	9.797 154	17	0.202 846	9.928 036	5	919	
082	9.725 203	12	9.797 171	17	0.202 829	9.928 031	4	918	
083	9.725 215	12	9.797 188	17	0.202 812	9.928 027	5	917	
084	9.725 227	12	9.797 205	17	0.202 795	9.928 022	5	916	
085	9.725 239	12	9.797 222	17	0.202 778	9.928 017	5	915	
086	9.725 251	12	9.797 239	17	0.202 761	9.928 012	4	914	
087	9.725 263	12	9.797 256	16	0.202 744	9.928 008	5	913	
088	9.725 275	12	9.797 272	17	0.202 728	9.928 003	5	912	
089	9.725 287	13	9.797 289	17	0.202 711	9.927 998	5	911	
.090	9.725 300	12	9.797 306	17	0.202 694	9.927 993	4	**.910**	
091	9.725 312	12	9.797 323	17	0.202 677	9.927 989	5	909	
092	9.725 324	12	9.797 340	17	0.202 660	9.927 984	5	908	
093	9.725 336	12	9.797 357	16	0.202 643	9.927 979	5	907	
094	9.725 348	12	9.797 373	17	0.202 627	9.927 974	4	906	
095	9.725 360	12	9.797 390	17	0.202 610	9.927 970	5	905	
096	9.725 372	12	9.797 407	17	0.202 593	9.927 965	5	904	
097	9.725 384	12	9.797 424	17	0.202 576	9.927 960	5	903	
098	9.725 396	12	9.797 441	17	0.202 559	9.927 955	4	902	
099	9.725 408	12	9.797 458	16	0.202 542	9.927 951	5	901	
.100	9.725 420		9.797 474		0.202 526	9.927 946		**.900**	
	cos	d	cotg	d	tang	sin	d	**57°**	P.P.

	17	16
1	1.7	1.6
2	3.4	3.2
3	5.1	4.8
4	6.8	6.4
5	8.5	8.0
6	10.2	9.6
7	11.9	11.2
8	13.6	12.8
9	15.3	14.4

	13	12
1	1.3	1.2
2	2.6	2.4
3	3.9	3.6
4	5.2	4.8
5	6.5	6.0
6	7.8	7.2
7	9.1	8.4
8	10.4	9.6
9	11.7	10.8

57°.950 — 57°.900

32°.100 — 32°.150

32°	sin	d	tang	d	cotg	cos	d		P.P.
.100	9.725 420	12	9.797 474	17	0.202 526	9.927 946	5	.900	
101	9.725 432	13	9.797 491	17	0.202 509	9.927 941	5	899	
102	9.725 445	12	9.797 508	17	0.202 492	9.927 936	4	898	
103	9.725 457	12	9.797 525	17	0.202 475	9.927 932	5	897	
104	9.725 469	12	9.797 542	17	0.202 458	9.927 927	5	896	
105	9.725 481	12	9.797 559	16	0.202 441	9.927 922	5	895	
106	9.725 493	12	9.797 575	17	0.202 425	9.927 917	4	894	
107	9.725 505	12	9.797 592	17	0.202 408	9.927 913	5	893	
108	9.725 517	12	9.797 609	17	0.202 391	9.927 908	5	892	
109	9.725 529	12	9.797 626	17	0.202 374	9.927 903	5	891	
.110	9.725 541	12	9.797 643	17	0.202 357	9.927 898	4	.890	
111	9.725 553	12	9.797 660	17	0.202 340	9.927 894	5	889	
112	9.725 565	12	9.797 677	16	0.202 323	9.927 889	5	888	
113	9.725 577	12	9.797 693	17	0.202 307	9.927 884	5	887	
114	9.725 590	13	9.797 710	17	0.202 290	9.927 879	4	886	
115	9.725 602	12	9.797 727	17	0.202 273	9.927 875	5	885	
116	9.725 614	12	9.797 744	17	0.202 256	9.927 870	5	884	
117	9.725 626	12	9.797 761	17	0.202 239	9.927 865	5	883	
118	9.725 638	12	9.797 778	16	0.202 222	9.927 860	4	882	
119	9.725 650	12	9.797 794	17	0.202 206	9.927 856	5	881	
.120	9.725 662	12	9.797 811	17	0.202 189	9.927 851	5	.880	
121	9.725 674	12	9.797 828	17	0.202 172	9.927 846	5	879	
122	9.725 686	12	9.797 845	17	0.202 155	9.927 841	4	878	
123	9.725 698	12	9.797 862	17	0.202 138	9.927 837	5	877	
124	9.725 710	12	9.797 879	16	0.202 121	9.927 832	5	876	
125	9.725 722	12	9.797 895	17	0.202 105	9.927 827	5	875	
126	9.725 734	12	9.797 912	17	0.202 088	9.927 822	5	874	
127	9.725 746	13	9.797 929	17	0.202 071	9.927 817	4	873	
128	9.725 759	12	9.797 946	17	0.202 054	9.927 813	5	872	
129	9.725 771	12	9.797 963	16	0.202 037	9.927 808	5	871	
.130	9.725 783	12	9.797 979	17	0.202 021	9.927 803	5	.870	
131	9.725 795	12	9.797 996	17	0.202 004	9.927 798	4	869	
132	9.725 807	12	9.798 013	17	0.201 987	9.927 794	5	868	
133	9.725 819	12	9.798 030	17	0.201 970	9.927 789	5	867	
134	9.725 831	12	9.798 047	17	0.201 953	9.927 784	5	866	
135	9.725 843	12	9.798 064	16	0.201 936	9.927 779	4	865	
136	9.725 855	12	9.798 080	17	0.201 920	9.927 775	5	864	
137	9.725 867	12	9.798 097	17	0.201 903	9.927 770	5	863	
138	9.725 879	12	9.798 114	17	0.201 886	9.927 765	5	862	
139	9.725 891	12	9.798 131	17	0.201 869	9.927 760	4	861	
.140	9.725 903	12	9.798 148	17	0.201 852	9.927 756	5	.860	
141	9.725 915	12	9.798 165	16	0.201 835	9.927 751	5	859	
142	9.725 927	13	9.798 181	17	0.201 819	9.927 746	5	858	
143	9.725 940	12	9.798 198	17	0.201 802	9.927 741	4	857	
144	9.725 952	12	9.798 215	17	0.201 785	9.927 737	5	856	
145	9.725 964	12	9.798 232	17	0.201 768	9.927 732	5	855	
146	9.725 976	12	9.798 249	17	0.201 751	9.927 727	5	854	
147	9.725 988	12	9.798 266	16	0.201 734	9.927 722	5	853	
148	9.726 000	12	9.798 282	17	0.201 718	9.927 717	4	852	
149	9.726 012	12	9.798 299	17	0.201 701	9.927 713	5	851	
.150	9.726 024		9.798 316		0.201 684	9.927 708		.850	
	cos	d	cotg	d	tang	sin	d	57°	P.P.

	17	16
1	1.7	1.6
2	3.4	3.2
3	5.1	4.8
4	6.8	6.4
5	8.5	8.0
6	10.2	9.6
7	11.9	11.2
8	13.6	12.8
9	15.3	14.4

	13	12
1	1.3	1.2
2	2.6	2.4
3	3.9	3.6
4	5.2	4.8
5	6.5	6.0
6	7.8	7.2
7	9.1	8.4
8	10.4	9.6
9	11.7	10.8

57°.900 — 57°.850

32°.150 — 32°.200

32°	sin	d	tang	d	cotg	cos	d		P.P.
.150	9.726 024	12	9.798 316	17	0.201 684	9.927 708	5	.850	
151	9.726 036	12	9.798 333	17	0.201 667	9.927 703	5	849	
152	9.726 048	12	9.798 350	16	0.201 650	9.927 698	4	848	
153	9.726 060	12	9.798 366	17	0.201 634	9.927 694	5	847	
154	9.726 072	12	9.798 383	17	0.201 617	9.927 689	5	846	
155	9.726 084	12	9.798 400	17	0.201 600	9.927 684	5	845	
156	9.726 096	12	9.798 417	17	0.201 583	9.927 679	4	844	
157	9.726 108	12	9.798 434	17	0.201 566	9.927 675	5	843	
158	9.726 120	12	9.798 451	16	0.201 549	9.927 670	5	842	
159	9.726 132	13	9.798 467	17	0.201 533	9.927 665	5	841	
.160	9.726 145	12	9.798 484	17	0.201 516	9.927 660	4	.840	
161	9.726 157	12	9.798 501	17	0.201 499	9.927 656	5	839	
162	9.726 169	12	9.798 518	17	0.201 482	9.927 651	5	838	
163	9.726 181	12	9.798 535	17	0.201 465	9.927 646	5	837	
164	9.726 193	12	9.798 552	16	0.201 448	9.927 641	5	836	
165	9.726 205	12	9.798 568	17	0.201 432	9.927 636	4	835	
166	9.726 217	12	9.798 585	17	0.201 415	9.927 632	5	834	
167	9.726 229	12	9.798 602	17	0.201 398	9.927 627	5	833	
168	9.726 241	12	9.798 619	17	0.201 381	9.927 622	5	832	
169	9.726 253	12	9.798 636	16	0.201 364	9.927 617	4	831	
.170	9.726 265	12	9.798 652	17	0.201 348	9.927 613	5	.830	
171	9.726 277	12	9.798 669	17	0.201 331	9.927 608	5	829	
172	9.726 289	12	9.798 686	17	0.201 314	9.927 603	5	828	
173	9.726 301	12	9.798 703	17	0.201 297	9.927 598	4	827	
174	9.726 313	12	9.798 720	17	0.201 280	9.927 594	5	826	
175	9.726 325	12	9.798 737	16	0.201 263	9.927 589	5	825	
176	9.726 337	12	9.798 753	17	0.201 247	9.927 584	5	824	
177	9.726 349	12	9.798 770	17	0.201 230	9.927 579	5	823	
178	9.726 361	13	9.798 787	17	0.201 213	9.927 574	4	822	
179	9.726 374	12	9.798 804	17	0.201 196	9.927 570	5	821	
.180	9.726 386	12	9.798 821	16	0.201 179	9.927 565	5	.820	
181	9.726 398	12	9.798 837	17	0.201 163	9.927 560	5	819	
182	9.726 410	12	9.798 854	17	0.201 146	9.927 555	4	818	
183	9.726 422	12	9.798 871	17	0.201 129	9.927 551	5	817	
184	9.726 434	12	9.798 888	17	0.201 112	9.927 546	5	816	
185	9.726 446	12	9.798 905	17	0.201 095	9.927 541	5	815	
186	9.726 458	12	9.798 922	16	0.201 078	9.927 536	4	814	
187	9.726 470	12	9.798 938	17	0.201 062	9.927 532	5	813	
188	9.726 482	12	9.798 955	17	0.201 045	9.927 527	5	812	
189	9.726 494	12	9.798 972	17	0.201 028	9.927 522	5	811	
.190	9.726 506	12	9.798 989	17	0.201 011	9.927 517	5	.810	
191	9.726 518	12	9.799 006	16	0.200 994	9.927 512	4	809	
192	9.726 530	12	9.799 022	17	0.200 978	9.927 508	5	808	
193	9.726 542	12	9.799 039	17	0.200 961	9.927 503	5	807	
194	9.726 554	12	9.799 056	17	0.200 944	9.927 498	5	806	
195	9.726 566	12	9.799 073	17	0.200 927	9.927 493	4	805	
196	9.726 578	12	9.799 090	16	0.200 910	9.927 489	5	804	
197	9.726 590	12	9.799 106	17	0.200 894	9.927 484	5	803	
198	9.726 602	12	9.799 123	17	0.200 877	9.927 479	5	802	
199	9.726 614	12	9.799 140	17	0.200 860	9.927 474	4	801	
.200	9.726 626		9.799 157		0.200 843	9.927 470		.800	
	cos	d	cotg	d	tang	sin	d	57°	P.P.

	17	16
1	1.7	1.6
2	3.4	3.2
3	5.1	4.8
4	6.8	6.4
5	8.5	8.0
6	10.2	9.6
7	11.9	11.2
8	13.6	12.8
9	15.3	14.4

	13	12
1	1.3	1.2
2	2.6	2.4
3	3.9	3.6
4	5.2	4.8
5	6.5	6.0
6	7.8	7.2
7	9.1	8.4
8	10.4	9.6
9	11.7	10.8

57°.850 — 57°.800

32°.200 — 32°.250

32°	sin	d	tang	d	cotg	cos	d		P.P.
.200	9.726 626	12	9.799 157	17	0.200 843	9.927 470	5	**.800**	
201	9.726 638	12	9.799 174	16	0.200 826	9.927 465	5	799	
202	9.726 650	12	9.799 190	17	0.200 810	9.927 460	5	798	
203	9.726 662	13	9.799 207	17	0.200 793	9.927 455	5	797	
204	9.726 675	12	9.799 224	17	0.200 776	9.927 450	4	796	
205	9.726 687	12	9.799 241	17	0.200 759	9.927 446	5	795	
206	9.726 699	12	9.799 258	17	0.200 742	9.927 441	5	794	
207	9.726 711	12	9.799 275	16	0.200 725	9.927 436	5	793	
208	9.726 723	12	9.799 291	17	0.200 709	9.927 431	4	792	
209	9.726 735	12	9.799 308	17	0.200 692	9.927 427	5	791	
.210	9.726 747	12	9.799 325	17	0.200 675	9.927 422	5	**.790**	
211	9.726 759	12	9.799 342	17	0.200 658	9.927 417	5	789	
212	9.726 771	12	9.799 359	16	0.200 641	9.927 412	5	788	
213	9.726 783	12	9.799 375	17	0.200 625	9.927 407	4	787	
214	9.726 795	12	9.799 392	17	0.200 608	9.927 403	5	786	
215	9.726 807	12	9.799 409	17	0.200 591	9.927 398	5	785	
216	9.726 819	12	9.799 426	17	0.200 574	9.927 393	5	784	
217	9.726 831	12	9.799 443	16	0.200 557	9.927 388	4	783	
218	9.726 843	12	9.799 459	17	0.200 541	9.927 384	5	782	
219	9.726 855	12	9.799 476	17	0.200 524	9.927 379	5	781	
.220	9.726 867	12	9.799 493	17	0.200 507	9.927 374	5	**.780**	
221	9.726 879	12	9.799 510	17	0.200 490	9.927 369	5	779	
222	9.726 891	12	9.799 527	16	0.200 473	9.927 364	4	778	
223	9.726 903	12	9.799 543	17	0.200 457	9.927 360	5	777	
224	9.726 915	12	9.799 560	17	0.200 440	9.927 355	5	776	
225	9.726 927	12	9.799 577	17	0.200 423	9.927 350	5	775	
226	9.726 939	12	9.799 594	17	0.200 406	9.927 345	4	774	
227	9.726 951	12	9.799 611	16	0.200 389	9.927 341	5	773	
228	9.726 963	12	9.799 627	17	0.200 373	9.927 336	5	772	
229	9.726 975	12	9.799 644	17	0.200 356	9.927 331	5	771	
.230	9.726 987	12	9.799 661	17	0.200 339	9.927 326	5	**.770**	
231	9.726 999	12	9.799 678	17	0.200 322	9.927 321	4	769	
232	9.727 011	12	9.799 695	16	0.200 305	9.927 317	5	768	
233	9.727 023	12	9.799 711	17	0.200 289	9.927 312	5	767	
234	9.727 035	12	9.799 728	17	0.200 272	9.927 307	5	766	
235	9.727 047	12	9.799 745	17	0.200 255	9.927 302	4	765	
236	9.727 059	12	9.799 762	17	0.200 238	9.927 298	5	764	
237	9.727 071	12	9.799 779	16	0.200 221	9.927 293	5	763	
238	9.727 083	12	9.799 795	17	0.200 205	9.927 288	5	762	
239	9.727 095	12	9.799 812	17	0.200 188	9.927 283	5	761	
.240	9.727 107	12	9.799 829	17	0.200 171	9.927 278	4	**.760**	
241	9.727 119	13	9.799 846	17	0.200 154	9.927 274	5	759	
242	9.727 132	12	9.799 863	16	0.200 137	9.927 269	5	758	
243	9.727 144	12	9.799 879	17	0.200 121	9.927 264	5	757	
244	9.727 156	12	9.799 896	17	0.200 104	9.927 259	4	756	
245	9.727 168	12	9.799 913	17	0.200 087	9.927 255	5	755	
246	9.727 180	12	9.799 930	17	0.200 070	9.927 250	5	754	
247	9.727 192	12	9.799 947	16	0.200 053	9.927 245	5	753	
248	9.727 204	12	9.799 963	17	0.200 037	9.927 240	5	752	
249	9.727 216	12	9.799 980	17	0.200 020	9.927 235	4	751	
.250	9.727 228		9.799 997		0.200 003	9.927 231		**.750**	
	cos	d	cotg	d	tang	sin	d	**57°**	P.P.

	17	16
1	1.7	1.6
2	3.4	3.2
3	5.1	4.8
4	6.8	6.4
5	8.5	8.0
6	10.2	9.6
7	11.9	11.2
8	13.6	12.8
9	15.3	14.4

	13	12
1	1.3	1.2
2	2.6	2.4
3	3.9	3.6
4	5.2	4.8
5	6.5	6.0
6	7.8	7.2
7	9.1	8.4
8	10.4	9.6
9	11.7	10.8

57°.800 — 57°.750

32°.250 — 32°.300

32°	sin	d	tang	d	cotg	cos	d		P.P.
.250	9.727 228	12	9.799 997	17	0.200 003	9.927 231	5	**.750**	
251	9.727 240	12	9.800 014	17	0.199 986	9.927 226	5	749	
252	9.727 252	12	9.800 031	16	0.199 969	9.927 221	5	748	
253	9.727 264	12	9.800 047	17	0.199 953	9.927 216	5	747	
254	9.727 276	12	9.800 064	17	0.199 936	9.927 211	4	746	
255	9.727 288	12	9.800 081	17	0.199 919	9.927 207	5	745	
256	9.727 300	12	9.800 098	17	0.199 902	9.927 202	5	744	
257	9.727 312	12	9.800 115	16	0.199 885	9.927 197	5	743	
258	9.727 324	12	9.800 131	17	0.199 869	9.927 192	4	742	
259	9.727 336	12	9.800 148	17	0.199 852	9.927 188	5	741	
.260	9.727 348	12	9.800 165	17	0.199 835	9.927 183	5	**.740**	
261	9.727 360	12	9.800 182	17	0.199 818	9.927 178	5	739	
262	9.727 372	12	9.800 199	16	0.199 801	9.927 173	5	738	
263	9.727 384	12	9.800 215	17	0.199 785	9.927 168	4	737	
264	9.727 396	12	9.800 232	17	0.199 768	9.927 164	5	736	
265	9.727 408	12	9.800 249	17	0.199 751	9.927 159	5	735	
266	9.727 420	12	9.800 266	17	0.199 734	9.927 154	5	734	
267	9.727 432	12	9.800 283	16	0.199 717	9.927 149	4	733	
268	9.727 444	12	9.800 299	17	0.199 701	9.927 145	5	732	
269	9.727 456	12	9.800 316	17	0.199 684	9.927 140	5	731	
.270	9.727 468	12	9.800 333	17	0.199 667	9.927 135	5	**.730**	
271	9.727 480	12	9.800 350	16	0.199 650	9.927 130	5	729	
272	9.727 492	12	9.800 366	17	0.199 634	9.927 125	5	728	
273	9.727 504	12	9.800 383	17	0.199 617	9.927 121	4	727	
274	9.727 516	12	9.800 400	17	0.199 600	9.927 116	5	726	
275	9.727 528	12	9.800 417	17	0.199 583	9.927 111	5	725	
276	9.727 540	12	9.800 434	16	0.199 566	9.927 106	5	724	
277	9.727 552	12	9.800 450	17	0.199 550	9.927 101	4	723	
278	9.727 564	12	9.800 467	17	0.199 533	9.927 097	5	722	
279	9.727 576	12	9.800 484	17	0.199 516	9.927 092	5	721	
.280	9.727 588	12	9.800 501	17	0.199 499	9.927 087	5	**.720**	
281	9.727 600	12	9.800 518	16	0.199 482	9.927 082	5	719	
282	9.727 612	12	9.800 534	17	0.199 466	9.927 077	4	718	
283	9.727 624	12	9.800 551	17	0.199 449	9.927 073	5	717	
284	9.727 636	12	9.800 568	17	0.199 432	9.927 068	5	716	
285	9.727 648	12	9.800 585	16	0.199 415	9.927 063	5	715	
286	9.727 660	12	9.800 601	17	0.199 399	9.927 058	4	714	
287	9.727 672	12	9.800 618	17	0.199 382	9.927 054	5	713	
288	9.727 684	12	9.800 635	17	0.199 365	9.927 049	5	712	
289	9.727 696	12	9.800 652	17	0.199 348	9.927 044	5	711	
.290	9.727 708	12	9.800 669	16	0.199 331	9.927 039	5	**.710**	
291	9.727 720	12	9.800 685	17	0.199 315	9.927 034	4	709	
292	9.727 732	12	9.800 702	17	0.199 298	9.927 030	5	708	
293	9.727 744	12	9.800 719	17	0.199 281	9.927 025	5	707	
294	9.727 756	12	9.800 736	17	0.199 264	9.927 020	5	706	
295	9.727 768	12	9.800 753	16	0.199 247	9.927 015	5	705	
296	9.727 780	12	9.800 769	17	0.199 231	9.927 010	4	704	
297	9.727 792	12	9.800 786	17	0.199 214	9.927 006	5	703	
298	9.727 804	12	9.800 803	17	0.199 197	9.927 001	5	702	
299	9.727 816	12	9.800 820	16	0.199 180	9.926 996	5	701	
.300	9.727 828		9.800 836		0.199 164	9.926 991		**.700**	
	cos	d	cotg	d	tang	sin	d	**57°**	P.P.

	17	16
1	1.7	1.6
2	3.4	3.2
3	5.1	4.8
4	6.8	6.4
5	8.5	8.0
6	10.2	9.6
7	11.9	11.2
8	13.6	12.8
9	15.3	14.4

	12
1	1.2
2	2.4
3	3.6
4	4.8
5	6.0
6	7.2
7	8.4
8	9.6
9	10.8

57°.750 — 57°.700

32°.300 — 32°.350

32°	sin	d	tang	d	cotg	cos	d		P.P.
.300	9.727 828	12	9.800 836	17	0.199 164	9.926 991	5	**.700**	
301	9.727 840	12	9.800 853	17	0.199 147	9.926 986	4	699	
302	9.727 852	12	9.800 870	17	0.199 130	9.926 982	5	698	
303	9.727 864	12	9.800 887	17	0.199 113	9.926 977	5	697	
304	9.727 876	12	9.800 904	16	0.199 096	9.926 972	5	696	
305	9.727 888	12	9.800 920	17	0.199 080	9.926 967	4	695	
306	9.727 900	12	9.800 937	17	0.199 063	9.926 963	5	694	
307	9.727 912	12	9.800 954	17	0.199 046	9.926 958	5	693	
308	9.727 924	12	9.800 971	16	0.199 029	9.926 953	5	692	
309	9.727 936	12	9.800 987	17	0.199 013	9.926 948	5	691	
.310	9.727 948	12	9.801 004	17	0.198 996	9.926 943	4	**.690**	
311	9.727 960	12	9.801 021	17	0.198 979	9.926 939	5	689	
312	9.727 972	12	9.801 038	17	0.198 962	9.926 934	5	688	
313	9.727 984	12	9.801 055	16	0.198 945	9.926 929	5	687	
314	9.727 996	12	9.801 071	17	0.198 929	9.926 924	5	686	
315	9.728 008	12	9.801 088	17	0.198 912	9.926 919	4	685	
316	9.728 020	11	9.801 105	17	0.198 895	9.926 915	5	684	
317	9.728 031	12	9.801 122	16	0.198 878	9.926 910	5	683	
318	9.728 043	12	9.801 138	17	0.198 862	9.926 905	5	682	
319	9.728 055	12	9.801 155	17	0.198 845	9.926 900	5	681	
.320	9.728 067	12	9.801 172	17	0.198 828	9.926 895	4	**.680**	
321	9.728 079	12	9.801 189	17	0.198 811	9.926 891	5	679	
322	9.728 091	12	9.801 206	16	0.198 794	9.926 886	5	678	
323	9.728 103	12	9.801 222	17	0.198 778	9.926 881	5	677	
324	9.728 115	12	9.801 239	17	0.198 761	9.926 876	5	676	
325	9.728 127	12	9.801 256	17	0.198 744	9.926 871	4	675	
326	9.728 139	12	9.801 273	16	0.198 727	9.926 867	5	674	
327	9.728 151	12	9.801 289	17	0.198 711	9.926 862	5	673	
328	9.728 163	12	9.801 306	17	0.198 694	9.926 857	5	672	
329	9.728 175	12	9.801 323	17	0.198 677	9.926 852	5	671	
.330	9.728 187	12	9.801 340	17	0.198 660	9.926 847	4	**.670**	
331	9.728 199	12	9.801 357	16	0.198 643	9.926 843	5	669	
332	9.728 211	12	9.801 373	17	0.198 627	9.926 838	5	668	
333	9.728 223	12	9.801 390	17	0.198 610	9.926 833	5	667	
334	9.728 235	12	9.801 407	17	0.198 593	9.926 828	5	666	
335	9.728 247	12	9.801 424	16	0.198 576	9.926 823	4	665	
336	9.728 259	12	9.801 440	17	0.198 560	9.926 819	5	664	
337	9.728 271	12	9.801 457	17	0.198 543	9.926 814	5	663	
338	9.728 283	12	9.801 474	17	0.198 526	9.926 809	5	662	
339	9.728 295	12	9.801 491	17	0.198 509	9.926 804	5	661	
.340	9.728 307	12	9.801 508	16	0.198 492	9.926 799	4	**.660**	
341	9.728 319	12	9.801 524	17	0.198 476	9.926 795	5	659	
342	9.728 331	12	9.801 541	17	0.198 459	9.926 790	5	658	
343	9.728 343	12	9.801 558	17	0.198 442	9.926 785	5	657	
344	9.728 355	12	9.801 575	16	0.198 425	9.926 780	5	656	
345	9.728 367	12	9.801 591	17	0.198 409	9.926 775	4	655	
346	9.728 379	12	9.801 608	17	0.198 392	9.926 771	5	654	
347	9.728 391	12	9.801 625	17	0.198 375	9.926 766	5	653	
348	9.728 403	12	9.801 642	16	0.198 358	9.926 761	5	652	
349	9.728 415	12	9.801 658	17	0.198 342	9.926 756	5	651	
.350	9.728 427		9.801 675		0.198 325	9.926 751		**.650**	
	cos	d	cotg	d	tang	sin	d	**57°**	P.P.

	17	16
1	1.7	1.6
2	3.4	3.2
3	5.1	4.8
4	6.8	6.4
5	8.5	8.0
6	10.2	9.6
7	11.9	11.2
8	13.6	12.8
9	15.3	14.4

	12	11
1	1.2	1.1
2	2.4	2.2
3	3.6	3.3
4	4.8	4.4
5	6.0	5.5
6	7.2	6.6
7	8.4	7.7
8	9.6	8.8
9	10.8	9.9

57°.700 — 57°.650

32°.350 — 32°.400

32°	sin	d	tang	d	cotg	cos	d		P.P.
.350	9.728 427	12	9.801 675	17	0.198 325	9.926 751	4	**.650**	
351	9.728 439	12	9.801 692	17	0.198 308	9.926 747	5	649	
352	9.728 451	12	9.801 709	17	0.198 291	9.926 742	5	648	
353	9.728 463	12	9.801 726	16	0.198 274	9.926 737	5	647	
354	9.728 475	11	9.801 742	17	0.198 258	9.926 732	5	646	
355	9.728 486	12	9.801 759	17	0.198 241	9.926 727	4	645	
356	9.728 498	12	9.801 776	17	0.198 224	9.926 723	5	644	
357	9.728 510	12	9.801 793	16	0.198 207	9.926 718	5	643	
358	9.728 522	12	9.801 809	17	0.198 191	9.926 713	5	642	
359	9.728 534	12	9.801 826	17	0.198 174	9.926 708	5	641	
.360	9.728 546	12	9.801 843	17	0.198 157	9.926 703	4	**.640**	
361	9.728 558	12	9.801 860	16	0.198 140	9.926 699	5	639	
362	9.728 570	12	9.801 876	17	0.198 124	9.926 694	5	638	
363	9.728 582	12	9.801 893	17	0.198 107	9.926 689	5	637	
364	9.728 594	12	9.801 910	17	0.198 090	9.926 684	5	636	
365	9.728 606	12	9.801 927	16	0.198 073	9.926 679	4	635	
366	9.728 618	12	9.801 943	17	0.198 057	9.926 675	5	634	
367	9.728 630	12	9.801 960	17	0.198 040	9.926 670	5	633	
368	9.728 642	12	9.801 977	17	0.198 023	9.926 665	5	632	
369	9.728 654	12	9.801 994	17	0.198 006	9.926 660	5	631	
.370	9.728 666	12	9.802 011	16	0.197 989	9.926 655	4	**.630**	
371	9.728 678	12	9.802 027	17	0.197 973	9.926 651	5	629	
372	9.728 690	12	9.802 044	17	0.197 956	9.926 646	5	628	
373	9.728 702	12	9.802 061	17	0.197 939	9.926 641	5	627	
374	9.728 714	12	9.802 078	16	0.197 922	9.926 636	5	626	
375	9.728 726	12	9.802 094	17	0.197 906	9.926 631	4	625	
376	9.728 738	12	9.802 111	17	0.197 889	9.926 627	5	624	
377	9.728 750	12	9.802 128	17	0.197 872	9.926 622	5	623	
378	9.728 762	12	9.802 145	16	0.197 855	9.926 617	5	622	
379	9.728 774	11	9.802 161	17	0.197 839	9.926 612	5	621	
.380	9.728 785	12	9.802 178	17	0.197 822	9.926 607	4	**.620**	
381	9.728 797	12	9.802 195	17	0.197 805	9.926 603	5	619	
382	9.728 809	12	9.802 212	16	0.197 788	9.926 598	5	618	
383	9.728 821	12	9.802 228	17	0.197 772	9.926 593	5	617	
384	9.728 833	12	9.802 245	17	0.197 755	9.926 588	5	616	
385	9.728 845	12	9.802 262	17	0.197 738	9.926 583	5	615	
386	9.728 857	12	9.802 279	16	0.197 721	9.926 578	4	614	
387	9.728 869	12	9.802 295	17	0.197 705	9.926 574	5	613	
388	9.728 881	12	9.802 312	17	0.197 688	9.926 569	5	612	
389	9.728 893	12	9.802 329	17	0.197 671	9.926 564	5	611	
.390	9.728 905	12	9.802 346	16	0.197 654	9.926 559	5	**.610**	
391	9.728 917	12	9.802 362	17	0.197 638	9.926 554	4	609	
392	9.728 929	12	9.802 379	17	0.197 621	9.926 550	5	608	
393	9.728 941	12	9.802 396	17	0.197 604	9.926 545	5	607	
394	9.728 953	12	9.802 413	16	0.197 587	9.926 540	5	606	
395	9.728 965	12	9.802 429	17	0.197 571	9.926 535	5	605	
396	9.728 977	12	9.802 446	17	0.197 554	9.926 530	4	604	
397	9.728 989	12	9.802 463	17	0.197 537	9.926 526	5	603	
398	9.729 001	11	9.802 480	17	0.197 520	9.926 521	5	602	
399	9.729 012	12	9.802 497	16	0.197 503	9.926 516	5	601	
.400	9.729 024		9.802 513		0.197 487	9.926 511		**.600**	
	cos	d	cotg	d	tang	sin	d	**57°**	P.P.

	17	16
1	1.7	1.6
2	3.4	3.2
3	5.1	4.8
4	6.8	6.4
5	8.5	8.0
6	10.2	9.6
7	11.9	11.2
8	13.6	12.8
9	15.3	14.4

	12	11
1	1.2	1.1
2	2.4	2.2
3	3.6	3.3
4	4.8	4.4
5	6.0	5.5
6	7.2	6.6
7	8.4	7.7
8	9.6	8.8
9	10.8	9.9

57°.650 — 57°.600

32°.400 — 32°.450

32°	sin	d	tang	d	cotg	cos	d		P.P.
.400	9.729 024	12	9.802 513	17	0.197 487	9.926 511	5	.600	
401	9.729 036	12	9.802 530	17	0.197 470	9.926 506	4	599	
402	9.729 048	12	9.802 547	17	0.197 453	9.926 502	5	598	
403	9.729 060	12	9.802 564	16	0.197 436	9.926 497	5	597	
404	9.729 072	12	9.802 580	17	0.197 420	9.926 492	5	596	
405	9.729 084	12	9.802 597	17	0.197 403	9.926 487	5	595	
406	9.729 096	12	9.802 614	17	0.197 386	9.926 482	5	594	
407	9.729 108	12	9.802 631	16	0.197 369	9.926 477	4	593	
408	9.729 120	12	9.802 647	17	0.197 353	9.926 473	5	592	
409	9.729 132	12	9.802 664	17	0.197 336	9.926 468	5	591	
.410	9.729 144	12	9.802 681	17	0.197 319	9.926 463	5	.590	
411	9.729 156	12	9.802 698	16	0.197 302	9.926 458	5	589	
412	9.729 168	12	9.802 714	17	0.197 286	9.926 453	5	588	
413	9.729 180	12	9.802 731	17	0.197 269	9.926 449	4	587	
414	9.729 192	12	9.802 748	17	0.197 252	9.926 444	5	586	
415	9.729 204	11	9.802 765	16	0.197 235	9.926 439	5	585	
416	9.729 215	12	9.802 781	17	0.197 219	9.926 434	5	584	
417	9.729 227	12	9.802 798	17	0.197 202	9.926 429	4	583	
418	9.729 239	12	9.802 815	17	0.197 185	9.926 425	5	582	
419	9.729 251	12	9.802 832	16	0.197 168	9.926 420	5	581	
.420	9.729 263	12	9.802 848	17	0.197 152	9.926 415	5	.580	
421	9.729 275	12	9.802 865	17	0.197 135	9.926 410	5	579	
422	9.729 287	12	9.802 882	17	0.197 118	9.926 405	5	578	
423	9.729 299	12	9.802 899	16	0.197 101	9.926 400	4	577	
424	9.729 311	12	9.802 915	17	0.197 085	9.926 396	5	576	
425	9.729 323	12	9.802 932	17	0.197 068	9.926 391	5	575	
426	9.729 335	12	9.802 949	17	0.197 051	9.926 386	5	574	
427	9.729 347	12	9.802 966	16	0.197 034	9.926 381	5	573	
428	9.729 359	12	9.802 982	17	0.197 018	9.926 376	4	572	
429	9.729 371	12	9.802 999	17	0.197 001	9.926 372	5	571	
.430	9.729 383	11	9.803 016	17	0.196 984	9.926 367	5	.570	
431	9.729 394	12	9.803 033	16	0.196 967	9.926 362	5	569	
432	9.729 406	12	9.803 049	17	0.196 951	9.926 357	5	568	
433	9.729 418	12	9.803 066	17	0.196 934	9.926 352	5	567	
434	9.729 430	12	9.803 083	17	0.196 917	9.926 347	4	566	
435	9.729 442	12	9.803 100	16	0.196 900	9.926 343	5	565	
436	9.729 454	12	9.803 116	17	0.196 884	9.926 338	5	564	
437	9.729 466	12	9.803 133	17	0.196 867	9.926 333	5	563	
438	9.729 478	12	9.803 150	16	0.196 850	9.926 328	5	562	
439	9.729 490	12	9.803 166	17	0.196 834	9.926 323	4	561	
.440	9.729 502	12	9.803 183	17	0.196 817	9.926 319	5	.560	
441	9.729 514	12	9.803 200	17	0.196 800	9.926 314	5	559	
442	9.729 526	12	9.803 217	16	0.196 783	9.926 309	5	558	
443	9.729 538	12	9.803 233	17	0.196 767	9.926 304	5	557	
444	9.729 550	11	9.803 250	17	0.196 750	9.926 299	4	556	
445	9.729 561	12	9.803 267	17	0.196 733	9.926 295	5	555	
446	9.729 573	12	9.803 284	16	0.196 716	9.926 290	5	554	
447	9.729 585	12	9.803 300	17	0.196 700	9.926 285	5	553	
448	9.729 597	12	9.803 317	17	0.196 683	9.926 280	5	552	
449	9.729 609	12	9.803 334	17	0.196 666	9.926 275	5	551	
.450	9.729 621		9.803 351		0.196 649	9.926 270		.550	
	cos	d	cotg	d	tang	sin	d	57°	P.P.

	17	16
1	1.7	1.6
2	3.4	3.2
3	5.1	4.8
4	6.8	6.4
5	8.5	8.0
6	10.2	9.6
7	11.9	11.2
8	13.6	12.8
9	15.3	14.4

	12	11
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2	2.4	2.2
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4	4.8	4.4
5	6.0	5.5
6	7.2	6.6
7	8.4	7.7
8	9.6	8.8
9	10.8	9.9

57°.600 — 57°.550

32°.450 — 32°.500

32°	sin	d	tang	d	cotg	cos	d		P.P.
.450	9.729 621	12	9.803 351	16	0.196 649	9.926 270	4	**.550**	
451	9.729 633	12	9.803 367	17	0.196 633	9.926 266	5	549	
452	9.729 645	12	9.803 384	17	0.196 616	9.926 261	5	548	
453	9.729 657	12	9.803 401	17	0.196 599	9.926 256	5	547	
454	9.729 669	12	9.803 418	16	0.196 582	9.926 251	5	546	
455	9.729 681	12	9.803 434	17	0.196 566	9.926 246	5	545	
456	9.729 693	11	9.803 451	17	0.196 549	9.926 241	4	544	
457	9.729 704	12	9.803 468	17	0.196 532	9.926 237	5	543	
458	9.729 716	12	9.803 485	16	0.196 515	9.926 232	5	542	
459	9.729 728	12	9.803 501	17	0.196 499	9.926 227	5	541	
.460	9.729 740	12	9.803 518	17	0.196 482	9.926 222	5	**.540**	
461	9.729 752	12	9.803 535	17	0.196 465	9.926 217	4	539	
462	9.729 764	12	9.803 552	16	0.196 448	9.926 213	5	538	
463	9.729 776	12	9.803 568	17	0.196 432	9.926 208	5	537	
464	9.729 788	12	9.803 585	17	0.196 415	9.926 203	5	536	
465	9.729 800	12	9.803 602	16	0.196 398	9.926 198	5	535	
466	9.729 812	12	9.803 618	17	0.196 382	9.926 193	5	534	
467	9.729 824	12	9.803 635	17	0.196 365	9.926 188	4	533	
468	9.729 836	11	9.803 652	17	0.196 348	9.926 184	5	532	
469	9.729 847	12	9.803 669	16	0.196 331	9.926 179	5	531	
.470	9.729 859	12	9.803 685	17	0.196 315	9.926 174	5	**.530**	
471	9.729 871	12	9.803 702	17	0.196 298	9.926 169	5	529	
472	9.729 883	12	9.803 719	17	0.196 281	9.926 164	4	528	
473	9.729 895	12	9.803 736	16	0.196 264	9.926 160	5	527	
474	9.729 907	12	9.803 752	17	0.196 248	9.926 155	5	526	
475	9.729 919	12	9.803 769	17	0.196 231	9.926 150	5	525	
476	9.729 931	12	9.803 786	17	0.196 214	9.926 145	5	524	
477	9.729 943	12	9.803 803	16	0.196 197	9.926 140	5	523	
478	9.729 955	12	9.803 819	17	0.196 181	9.926 135	5	522	
479	9.729 967	11	9.803 836	17	0.196 164	9.926 131	4	521	
.480	9.729 978	12	9.803 853	16	0.196 147	9.926 126	5	**.520**	
481	9.729 990	12	9.803 869	17	0.196 131	9.926 121	5	519	
482	9.730 002	12	9.803 886	17	0.196 114	9.926 116	5	518	
483	9.730 014	12	9.803 903	17	0.196 097	9.926 111	5	517	
484	9.730 026	12	9.803 920	16	0.196 080	9.926 106	4	516	
485	9.730 038	12	9.803 936	17	0.196 064	9.926 102	5	515	
486	9.730 050	12	9.803 953	17	0.196 047	9.926 097	5	514	
487	9.730 062	12	9.803 970	17	0.196 030	9.926 092	5	513	
488	9.730 074	12	9.803 987	16	0.196 013	9.926 087	5	512	
489	9.730 086	12	9.804 003	17	0.195 997	9.926 082	5	511	
.490	9.730 098	11	9.804 020	17	0.195 980	9.926 077	4	**.510**	
491	9.730 109	12	9.804 037	17	0.195 963	9.926 073	5	509	
492	9.730 121	12	9.804 054	16	0.195 946	9.926 068	5	508	
493	9.730 133	12	9.804 070	17	0.195 930	9.926 063	5	507	
494	9.730 145	12	9.804 087	17	0.195 913	9.926 058	5	506	
495	9.730 157	12	9.804 104	16	0.195 896	9.926 053	4	505	
496	9.730 169	12	9.804 120	17	0.195 880	9.926 049	5	504	
497	9.730 181	12	9.804 137	17	0.195 863	9.926 044	5	503	
498	9.730 193	12	9.804 154	17	0.195 846	9.926 039	5	502	
499	9.730 205	12	9.804 171	16	0.195 829	9.926 034	5	501	
.500	9.730 217		9.804 187		0.195 813	9.926 029		**.500**	
	cos	d	cotg	d	tang	sin	d	57°	P.P.

	17	16
1	1.7	1.6
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9	15.3	14.4

	12	11
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3	3.6	3.3
4	4.8	4.4
5	6.0	5.5
6	7.2	6.6
7	8.4	7.7
8	9.6	8.8
9	10.8	9.9

57°.550 — 57°.500

32°.500 — 32°.550

32°	sin	d	tang	d	cotg	cos	d		P.P.
.500	9.730 217	11	9.804 187	17	0.195 813	9.926 029	5	.500	
501	9.730 228	12	9.804 204	17	0.195 796	9.926 024	4	499	
502	9.730 240	12	9.804 221	17	0.195 779	9.926 020	5	498	
503	9.730 252	12	9.804 238	16	0.195 762	9.926 015	5	497	
504	9.730 264	12	9.804 254	17	0.195 746	9.926 010	5	496	
505	9.730 276	12	9.804 271	17	0.195 729	9.926 005	5	495	
506	9.730 288	12	9.804 288	16	0.195 712	9.926 000	5	494	
507	9.730 300	12	9.804 304	17	0.195 696	9.925 995	4	493	
508	9.730 312	12	9.804 321	17	0.195 679	9.925 991	5	492	
509	9.730 324	11	9.804 338	17	0.195 662	9.925 986	5	491	
.510	9.730 335	12	9.804 355	16	0.195 645	9.925 981	5	.490	
511	9.730 347	12	9.804 371	17	0.195 629	9.925 976	5	489	
512	9.730 359	12	9.804 388	17	0.195 612	9.925 971	5	488	
513	9.730 371	12	9.804 405	16	0.195 595	9.925 966	4	487	
514	9.730 383	12	9.804 421	17	0.195 579	9.925 962	5	486	
515	9.730 395	12	9.804 438	17	0.195 562	9.925 957	5	485	
516	9.730 407	12	9.804 455	17	0.195 545	9.925 952	5	484	
517	9.730 419	12	9.804 472	16	0.195 528	9.925 947	5	483	
518	9.730 431	12	9.804 488	17	0.195 512	9.925 942	5	482	
519	9.730 443	11	9.804 505	17	0.195 495	9.925 937	4	481	
.520	9.730 454	12	9.804 522	17	0.195 478	9.925 933	5	.480	
521	9.730 466	12	9.804 539	16	0.195 461	9.925 928	5	479	
522	9.730 478	12	9.804 555	17	0.195 445	9.925 923	5	478	
523	9.730 490	12	9.804 572	17	0.195 428	9.925 918	5	477	
524	9.730 502	12	9.804 589	16	0.195 411	9.925 913	5	476	
525	9.730 514	12	9.804 605	17	0.195 395	9.925 908	4	475	
526	9.730 526	12	9.804 622	17	0.195 378	9.925 904	5	474	
527	9.730 538	11	9.804 639	17	0.195 361	9.925 899	5	473	
528	9.730 549	12	9.804 656	16	0.195 344	9.925 894	5	472	
529	9.730 561	12	9.804 672	17	0.195 328	9.925 889	5	471	
.530	9.730 573	12	9.804 689	17	0.195 311	9.925 884	5	.470	
531	9.730 585	12	9.804 706	16	0.195 294	9.925 879	4	469	
532	9.730 597	12	9.804 722	17	0.195 278	9.925 875	5	468	
533	9.730 609	12	9.804 739	17	0.195 261	9.925 870	5	467	
534	9.730 621	12	9.804 756	17	0.195 244	9.925 865	5	466	
535	9.730 633	12	9.804 773	16	0.195 227	9.925 860	5	465	
536	9.730 645	11	9.804 789	17	0.195 211	9.925 855	5	464	
537	9.730 656	12	9.804 806	17	0.195 194	9.925 850	4	463	
538	9.730 668	12	9.804 823	16	0.195 177	9.925 846	5	462	
539	9.730 680	12	9.804 839	17	0.195 161	9.925 841	5	461	
.540	9.730 692	12	9.804 856	17	0.195 144	9.925 836	5	.460	
541	9.730 704	12	9.804 873	17	0.195 127	9.925 831	5	459	
542	9.730 716	12	9.804 890	16	0.195 110	9.925 826	5	458	
543	9.730 728	12	9.804 906	17	0.195 094	9.925 821	4	457	
544	9.730 740	11	9.804 923	17	0.195 077	9.925 817	5	456	
545	9.730 751	12	9.804 940	16	0.195 060	9.925 812	5	455	
546	9.730 763	12	9.804 956	17	0.195 044	9.925 807	5	454	
547	9.730 775	12	9.804 973	17	0.195 027	9.925 802	5	453	
548	9.730 787	12	9.804 990	17	0.195 010	9.925 797	5	452	
549	9.730 799	12	9.805 007	16	0.194 993	9.925 792	4	451	
.550	9.730 811		9.805 023		0.194 977	9.925 788		.450	
	cos	d	cotg	d	tang	sin	d	57°	P.P.

	17	16
1	1.7	1.6
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6	10.2	9.6
7	11.9	11.2
8	13.6	12.8
9	15.3	14.4

	12	11
1	1.2	1.1
2	2.4	2.2
3	3.6	3.3
4	4.8	4.4
5	6.0	5.5
6	7.2	6.6
7	8.4	7.7
8	9.6	8.8
9	10.8	9.9

57°.500 — 57°.450

32°.550 — 32°.600

32°	sin	d	tang	d	cotg	cos	d		P.P.
.550	9.730 811	12	9.805 023	17	0.194 977	9.925 788	5	.450	
551	9.730 823	12	9.805 040	17	0.194 960	9.925 783	5	449	
552	9.730 835	11	9.805 057	16	0.194 943	9.925 778	5	448	
553	9.730 846	12	9.805 073	17	0.194 927	9.925 773	5	447	
554	9.730 858	12	9.805 090	17	0.194 910	9.925 768	5	446	
555	9.730 870	12	9.805 107	17	0.194 893	9.925 763	5	445	
556	9.730 882	12	9.805 124	16	0.194 876	9.925 758	4	444	
557	9.730 894	12	9.805 140	17	0.194 860	9.925 754	5	443	
558	9.730 906	12	9.805 157	17	0.194 843	9.925 749	5	442	
559	9.730 918	12	9.805 174	16	0.194 826	9.925 744	5	441	
.560	9.730 930	11	9.805 190	17	0.194 810	9.925 739	5	.440	
561	9.730 941	12	9.805 207	17	0.194 793	9.925 734	5	439	
562	9.730 953	12	9.805 224	17	0.194 776	9.925 729	4	438	
563	9.730 965	12	9.805 241	16	0.194 759	9.925 725	5	437	
564	9.730 977	12	9.805 257	17	0.194 743	9.925 720	5	436	
565	9.730 989	12	9.805 274	17	0.194 726	9.925 715	5	435	
566	9.731 001	12	9.805 291	16	0.194 709	9.925 710	5	434	
567	9.731 013	12	9.805 307	17	0.194 693	9.925 705	5	433	
568	9.731 025	11	9.805 324	17	0.194 676	9.925 700	4	432	
569	9.731 036	12	9.805 341	17	0.194 659	9.925 696	5	431	
.570	9.731 048	12	9.805 358	16	0.194 642	9.925 691	5	.430	
571	9.731 060	12	9.805 374	17	0.194 626	9.925 686	5	429	
572	9.731 072	12	9.805 391	17	0.194 609	9.925 681	5	428	
573	9.731 084	12	9.805 408	16	0.194 592	9.925 676	5	427	
574	9.731 096	12	9.805 424	17	0.194 576	9.925 671	4	426	
575	9.731 108	11	9.805 441	17	0.194 559	9.925 667	5	425	
576	9.731 119	12	9.805 458	17	0.194 542	9.925 662	5	424	
577	9.731 131	12	9.805 475	16	0.194 525	9.925 657	5	423	
578	9.731 143	12	9.805 491	17	0.194 509	9.925 652	5	422	
579	9.731 155	12	9.805 508	17	0.194 492	9.925 647	5	421	
.580	9.731 167	12	9.805 525	16	0.194 475	9.925 642	5	.420	
581	9.731 179	12	9.805 541	17	0.194 459	9.925 637	4	419	
582	9.731 191	11	9.805 558	17	0.194 442	9.925 633	5	418	
583	9.731 202	12	9.805 575	16	0.194 425	9.925 628	5	417	
584	9.731 214	12	9.805 591	17	0.194 409	9.925 623	5	416	
585	9.731 226	12	9.805 608	17	0.194 392	9.925 618	5	415	
586	9.731 238	12	9.805 625	17	0.194 375	9.925 613	5	414	
587	9.731 250	12	9.805 642	16	0.194 358	9.925 608	4	413	
588	9.731 262	12	9.805 658	17	0.194 342	9.925 604	5	412	
589	9.731 274	11	9.805 675	17	0.194 325	9.925 599	5	411	
.590	9.731 285	12	9.805 692	16	0.194 308	9.925 594	5	.410	
591	9.731 297	12	9.805 708	17	0.194 292	9.925 589	5	409	
592	9.731 309	12	9.805 725	17	0.194 275	9.925 584	5	408	
593	9.731 321	12	9.805 742	16	0.194 258	9.925 579	5	407	
594	9.731 333	12	9.805 758	17	0.194 242	9.925 574	4	406	
595	9.731 345	12	9.805 775	17	0.194 225	9.925 570	5	405	
596	9.731 357	11	9.805 792	17	0.194 208	9.925 565	5	404	
597	9.731 368	12	9.805 809	16	0.194 191	9.925 560	5	403	
598	9.731 380	12	9.805 825	17	0.194 175	9.925 555	5	402	
599	9.731 392	12	9.805 842	17	0.194 158	9.925 550	5	401	
.600	9.731 404		9.805 859		0.194 141	9.925 545		.400	
	cos	d	cotg	d	tang	sin	d	57°	P.P.

	17	16
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2	3.4	3.2
3	5.1	4.8
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7	11.9	11.2
8	13.6	12.8
9	15.3	14.4

	12	11
1	1.2	1.1
2	2.4	2.2
3	3.6	3.3
4	4.8	4.4
5	6.0	5.5
6	7.2	6.6
7	8.4	7.7
8	9.6	8.8
9	10.8	9.9

57°.450 — 57°.400

32°.600 — 32°.650

32°	sin	d	tang	d	cotg	cos	d		P.P.
.600	9.731 404	12	9.805 859	16	0.194 141	9.925 545	4	.400	
601	9.731 416	12	9.805 875	17	0.194 125	9.925 541	5	399	
602	9.731 428	12	9.805 892	17	0.194 108	9.925 536	5	398	
603	9.731 440	11	9.805 909	16	0.194 091	9.925 531	5	397	
604	9.731 451	12	9.805 925	17	0.194 075	9.925 526	5	396	
605	9.731 463	12	9.805 942	17	0.194 058	9.925 521	5	395	
606	9.731 475	12	9.805 959	17	0.194 041	9.925 516	5	394	
607	9.731 487	12	9.805 976	16	0.194 024	9.925 511	4	393	
608	9.731 499	12	9.805 992	17	0.194 008	9.925 507	5	392	
609	9.731 511	12	9.806 009	17	0.193 991	9.925 502	5	391	
.610	9.731 523	11	9.806 026	16	0.193 974	9.925 497	5	.390	
611	9.731 534	12	9.806 042	17	0.193 958	9.925 492	5	389	
612	9.731 546	12	9.806 059	17	0.193 941	9.925 487	5	388	
613	9.731 558	12	9.806 076	16	0.193 924	9.925 482	5	387	
614	9.731 570	12	9.806 092	17	0.193 908	9.925 477	4	386	
615	9.731 582	12	9.806 109	17	0.193 891	9.925 473	5	385	
616	9.731 594	11	9.806 126	17	0.193 874	9.925 468	5	384	
617	9.731 605	12	9.806 143	16	0.193 857	9.925 463	5	383	
618	9.731 617	12	9.806 159	17	0.193 841	9.925 458	5	382	
619	9.731 629	12	9.806 176	17	0.193 824	9.925 453	5	381	
.620	9.731 641	12	9.806 193	16	0.193 807	9.925 448	4	.380	
621	9.731 653	12	9.806 209	17	0.193 791	9.925 444	5	379	
622	9.731 665	12	9.806 226	17	0.193 774	9.925 439	5	378	
623	9.731 677	11	9.806 243	16	0.193 757	9.925 434	5	377	
624	9.731 688	12	9.806 259	17	0.193 741	9.925 429	5	376	
625	9.731 700	12	9.806 276	17	0.193 724	9.925 424	5	375	
626	9.731 712	12	9.806 293	16	0.193 707	9.925 419	5	374	
627	9.731 724	12	9.806 309	17	0.193 691	9.925 414	4	373	
628	9.731 736	12	9.806 326	17	0.193 674	9.925 410	5	372	
629	9.731 748	11	9.806 343	17	0.193 657	9.925 405	5	371	
.630	9.731 759	12	9.806 360	16	0.193 640	9.925 400	5	.370	
631	9.731 771	12	9.806 376	17	0.193 624	9.925 395	5	369	
632	9.731 783	12	9.806 393	17	0.193 607	9.925 390	5	368	
633	9.731 795	12	9.806 410	16	0.193 590	9.925 385	5	367	
634	9.731 807	12	9.806 426	17	0.193 574	9.925 380	4	366	
635	9.731 819	11	9.806 443	17	0.193 557	9.925 376	5	365	
636	9.731 830	12	9.806 460	16	0.193 540	9.925 371	5	364	
637	9.731 842	12	9.806 476	17	0.193 524	9.925 366	5	363	
638	9.731 854	12	9.806 493	17	0.193 507	9.925 361	5	362	
639	9.731 866	12	9.806 510	16	0.193 490	9.925 356	5	361	
.640	9.731 878	12	9.806 526	17	0.193 474	9.925 351	5	.360	
641	9.731 890	11	9.806 543	17	0.193 457	9.925 346	4	359	
642	9.731 901	12	9.806 560	17	0.193 440	9.925 342	5	358	
643	9.731 913	12	9.806 577	16	0.193 423	9.925 337	5	357	
644	9.731 925	12	9.806 593	17	0.193 407	9.925 332	5	356	
645	9.731 937	12	9.806 610	17	0.193 390	9.925 327	5	355	
646	9.731 949	12	9.806 627	16	0.193 373	9.925 322	5	354	
647	9.731 961	11	9.806 643	17	0.193 357	9.925 317	5	353	
648	9.731 972	12	9.806 660	17	0.193 340	9.925 312	4	352	
649	9.731 984	12	9.806 677	16	0.193 323	9.925 308	5	351	
.650	9.731 996		9.806 693		0.193 307	9.925 303		.350	
	cos	d	cotg	d	tang	sin	d	57°	P.P.

	17	16
1	1.7	1.6
2	3.4	3.2
3	5.1	4.8
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8	13.6	12.8
9	15.3	14.4

	12	11
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2	2.4	2.2
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4	4.8	4.4
5	6.0	5.5
6	7.2	6.6
7	8.4	7.7
8	9.6	8.8
9	10.8	9.9

57°.400 — 57°.350

32°.650 — 32°.700

32°	sin	d	tang	d	cotg	cos	d		P.P.
.650	9.731 996	12	9.806 693	17	0.193 307	9.925 303	5	**.350**	
651	9.732 008	12	9.806 710	17	0.193 290	9.925 298	5	349	
652	9.732 020	12	9.806 727	16	0.193 273	9.925 293	5	348	
653	9.732 032	11	9.806 743	17	0.193 257	9.925 288	5	347	
654	9.732 043	12	9.806 760	17	0.193 240	9.925 283	5	346	
655	9.732 055	12	9.806 777	16	0.193 223	9.925 278	4	345	
656	9.732 067	12	9.806 793	17	0.193 207	9.925 274	5	344	
657	9.732 079	12	9.806 810	17	0.193 190	9.925 269	5	343	
658	9.732 091	12	9.806 827	16	0.193 173	9.925 264	5	342	
659	9.732 103	11	9.806 860	17	0.193 140	9.925 254	5	341	
.660	9.732 114	12	9.806 877	17	0.193 123	9.925 249	5	**.340**	
661	9.732 126	12	9.806 894	16	0.193 106	9.925 244	5	339	
662	9.732 138	12	9.806 910	17	0.193 090	9.925 240	4	338	
663	9.732 150	12	9.806 927	17	0.193 073	9.925 235	5	337	
664	9.732 162	11	9.806 944	16	0.193 056	9.925 230	5	336	
665	9.732 173	12	9.806 960	17	0.193 040	9.925 225	5	335	
666	9.732 185	12	9.806 977	17	0.193 023	9.925 220	5	334	
667	9.732 197	12	9.806 994	16	0.193 006	9.925 215	5	333	
668	9.732 209	12	9.807 010	17	0.192 990	9.925 210	5	332	
669	9.732 221	12	9.807 027	17	0.192 973	9.925 206	4	331	
.670	9.732 233	11	9.807 044	16	0.192 956	9.925 201	5	**.330**	
671	9.732 244	12	9.807 060	17	0.192 940	9.925 196	5	329	
672	9.732 256	12	9.807 077	17	0.192 923	9.925 191	5	328	
673	9.732 268	12	9.807 094	16	0.192 906	9.925 186	5	327	
674	9.732 280	12	9.807 110	17	0.192 890	9.925 181	5	326	
675	9.732 292	11	9.807 127	17	0.192 873	9.925 176	4	325	
676	9.732 303	12	9.807 144	16	0.192 856	9.925 172	5	324	
677	9.732 315	12	9.807 160	17	0.192 840	9.925 167	5	323	
678	9.732 327	12	9.807 177	17	0.192 823	9.925 162	5	322	
679	9.732 339	12	9.807 194	16	0.192 806	9.925 157	5	321	
.680	9.732 351	12	9.807 210	17	0.192 790	9.925 152	5	**.320**	
681	9.732 363	11	9.807 227	17	0.192 773	9.925 147	5	319	
682	9.732 374	12	9.807 244	17	0.192 756	9.925 142	5	318	
683	9.732 386	12	9.807 261	16	0.192 739	9.925 138	4	317	
684	9.732 398	12	9.807 277	17	0.192 723	9.925 133	5	316	
685	9.732 410	12	9.807 294	17	0.192 706	9.925 128	5	315	
686	9.732 422	11	9.807 311	16	0.192 689	9.925 123	5	314	
687	9.732 433	12	9.807 327	17	0.192 673	9.925 118	5	313	
688	9.732 445	12	9.807 344	17	0.192 656	9.925 113	5	312	
689	9.732 457	12	9.807 361	16	0.192 639	9.925 108	5	311	
.690	9.732 469	12	9.807 377	17	0.192 623	9.925 103	5	**.310**	
691	9.732 481	12	9.807 394	17	0.192 606	9.925 099	4	309	
692	9.732 493	11	9.807 411	16	0.192 589	9.925 094	5	308	
693	9.732 504	12	9.807 427	17	0.192 573	9.925 089	5	307	
694	9.732 516	12	9.807 444	17	0.192 556	9.925 084	5	306	
695	9.732 528	12	9.807 461	16	0.192 539	9.925 079	5	305	
696	9.732 540	12	9.807 477	17	0.192 523	9.925 074	5	304	
697	9.732 552	11	9.807 494	17	0.192 506	9.925 069	4	303	
698	9.732 563	12	9.807 511	16	0.192 489	9.925 065	5	302	
699	9.732 575	12	9.807 527		0.192 473	9.925 060		301	
.700	9.732 587							**.300**	
	cos	d	cotg	d	tang	sin	d	**57°**	P.P.

	17	16
1	1.7	1.6
2	3.4	3.2
3	5.1	4.8
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9	15.3	14.4

	12	11
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4	4.8	4.4
5	6.0	5.5
6	7.2	6.6
7	8.4	7.7
8	9.6	8.8
9	10.8	9.9

57°.350 — 57°.300

32°.700 — 32°.750

32°	sin	d	tang	d	cotg	cos	d		P.P.
.700	9.732 587	12	9.807 527	17	0.192 473	9.925 060	5	.300	
701	9.732 599	12	9.807 544	17	0.192 456	9.925 055	5	299	
702	9.732 611	11	9.807 561	16	0.192 439	9.925 050	5	298	
703	9.732 622	12	9.807 577	17	0.192 423	9.925 045	5	297	
704	9.732 634	12	9.807 594	17	0.192 406	9.925 040	5	296	
705	9.732 646	12	9.807 611	16	0.192 389	9.925 035	5	295	
706	9.732 658	12	9.807 627	17	0.192 373	9.925 030	4	294	
707	9.732 670	11	9.807 644	17	0.192 356	9.925 026	5	293	
708	9.732 681	12	9.807 661	16	0.192 339	9.925 021	5	292	
709	9.732 693	12	9.807 677	17	0.192 323	9.925 016	5	291	
.710	9.732 705	12	9.807 694	17	0.192 306	9.925 011	5	.290	
711	9.732 717	12	9.807 711	16	0.192 289	9.925 006	5	289	
712	9.732 729	11	9.807 727	17	0.192 273	9.925 001	5	288	
713	9.732 740	12	9.807 744	17	0.192 256	9.924 996	4	287	
714	9.732 752	12	9.807 761	16	0.192 239	9.924 992	5	286	
715	9.732 764	12	9.807 777	17	0.192 223	9.924 987	5	285	
716	9.732 776	12	9.807 794	17	0.192 206	9.924 982	5	284	
717	9.732 788	11	9.807 811	16	0.192 189	9.924 977	5	283	
718	9.732 799	12	9.807 827	17	0.192 173	9.924 972	5	282	
719	9.732 811	12	9.807 844	17	0.192 156	9.924 967	5	281	
.720	9.732 823	12	9.807 861	16	0.192 139	9.924 962	5	.280	
721	9.732 835	12	9.807 877	17	0.192 123	9.924 957	4	279	
722	9.732 847	11	9.807 894	17	0.192 106	9.924 953	5	278	
723	9.732 858	12	9.807 911	16	0.192 089	9.924 948	5	277	
724	9.732 870	12	9.807 927	17	0.192 073	9.924 943	5	276	
725	9.732 882	12	9.807 944	17	0.192 056	9.924 938	5	275	
726	9.732 894	12	9.807 961	16	0.192 039	9.924 933	5	274	
727	9.732 906	11	9.807 977	17	0.192 023	9.924 928	5	273	
728	9.732 917	12	9.807 994	17	0.192 006	9.924 923	5	272	
729	9.732 929	12	9.808 011	16	0.191 989	9.924 918	4	271	
.730	9.732 941	12	9.808 027	17	0.191 973	9.924 914	5	.270	
731	9.732 953	12	9.808 044	17	0.191 956	9.924 909	5	269	
732	9.732 965	11	9.808 061	16	0.191 939	9.924 904	5	268	
733	9.732 976	12	9.808 077	17	0.191 923	9.924 899	5	267	
734	9.732 988	12	9.808 094	17	0.191 906	9.924 894	5	266	
735	9.733 000	12	9.808 111	16	0.191 889	9.924 889	5	265	
736	9.733 012	12	9.808 127	17	0.191 873	9.924 884	4	264	
737	9.733 024	11	9.808 144	17	0.191 856	9.924 880	5	263	
738	9.733 035	12	9.808 161	16	0.191 839	9.924 875	5	262	
739	9.733 047	12	9.808 177	17	0.191 823	9.924 870	5	261	
.740	9.733 059	12	9.808 194	17	0.191 806	9.924 865	5	.260	
741	9.733 071	11	9.808 211	16	0.191 789	9.924 860	5	259	
742	9.733 082	12	9.808 227	17	0.191 773	9.924 855	5	258	
743	9.733 094	12	9.808 244	17	0.191 756	9.924 850	5	257	
744	9.733 106	12	9.808 261	16	0.191 739	9.924 845	4	256	
745	9.733 118	12	9.808 277	17	0.191 723	9.924 841	5	255	
746	9.733 130	11	9.808 294	17	0.191 706	9.924 836	5	254	
747	9.733 141	12	9.808 311	16	0.191 689	9.924 831	5	253	
748	9.733 153	12	9.808 327	17	0.191 673	9.924 826	5	252	
749	9.733 165	12	9.808 344	17	0.191 656	9.924 821	5	251	
.750	9.733 177		9.808 361		0.191 639	9.924 816		.250	
	cos	d	cotg	d	tang	sin	d	57°	P.P.

	17	16
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2	3.4	3.2
3	5.1	4.8
4	6.8	6.4
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6	10.2	9.6
7	11.9	11.2
8	13.6	12.8
9	15.3	14.4

	12	11
1	1.2	1.1
2	2.4	2.2
3	3.6	3.3
4	4.8	4.4
5	6.0	5.5
6	7.2	6.6
7	8.4	7.7
8	9.6	8.8
9	10.8	9.9

57°.300 — 57°.250

32°.750 — 32°.800

32°	sin	d	tang	d	cotg	cos	d		P.P.
.750	9.733 177	12	9.808 361	16	0.191 639	9.924 816	5	.250	
751	9.733 189	11	9.808 377	17	0.191 623	9.924 811	5	249	
752	9.733 200	12	9.808 394	17	0.191 606	9.924 806	4	248	
753	9.733 212	12	9.808 411	16	0.191 589	9.924 802	5	247	
754	9.733 224	12	9.808 427	17	0.191 573	9.924 797	5	246	
755	9.733 236	11	9.808 444	17	0.191 556	9.924 792	5	245	
756	9.733 247	12	9.808 461	16	0.191 539	9.924 787	5	244	
757	9.733 259	12	9.808 477	17	0.191 523	9.924 782	5	243	
758	9.733 271	12	9.808 494	17	0.191 506	9.924 777	5	242	
759	9.733 283	12	9.808 511	16	0.191 489	9.924 772	5	241	
.760	9.733 295	11	9.808 527	17	0.191 473	9.924 767	5	.240	
761	9.733 306	12	9.808 544	17	0.191 456	9.924 762	4	239	
762	9.733 318	12	9.808 561	16	0.191 439	9.924 758	5	238	
763	9.733 330	12	9.808 577	17	0.191 423	9.924 753	5	237	
764	9.733 342	11	9.808 594	16	0.191 406	9.924 748	5	236	
765	9.733 353	12	9.808 610	17	0.191 390	9.924 743	5	235	
766	9.733 365	12	9.808 627	17	0.191 373	9.924 738	5	234	
767	9.733 377	12	9.808 644	16	0.191 356	9.924 733	5	233	
768	9.733 389	12	9.808 660	17	0.191 340	9.924 728	5	232	
769	9.733 401	11	9.808 677	17	0.191 323	9.924 723	4	231	
.770	9.733 412	12	9.808 694	16	0.191 306	9.924 719	5	.230	
771	9.733 424	12	9.808 710	17	0.191 290	9.924 714	5	229	
772	9.733 436	12	9.808 727	17	0.191 273	9.924 709	5	228	
773	9.733 448	11	9.808 744	16	0.191 256	9.924 704	5	227	
774	9.733 459	12	9.808 760	17	0.191 240	9.924 699	5	226	
775	9.733 471	12	9.808 777	17	0.191 223	9.924 694	5	225	
776	9.733 483	12	9.808 794	16	0.191 206	9.924 689	5	224	
777	9.733 495	12	9.808 810	17	0.191 190	9.924 684	4	223	
778	9.733 507	11	9.808 827	17	0.191 173	9.924 680	5	222	
779	9.733 518	12	9.808 844	16	0.191 156	9.924 675	5	221	
.780	9.733 530	12	9.808 860	17	0.191 140	9.924 670	5	.220	
781	9.733 542	12	9.808 877	17	0.191 123	9.924 665	5	219	
782	9.733 554	11	9.808 894	16	0.191 106	9.924 660	5	218	
783	9.733 565	12	9.808 910	17	0.191 090	9.924 655	5	217	
784	9.733 577	12	9.808 927	17	0.191 073	9.924 650	5	216	
785	9.733 589	12	9.808 944	16	0.191 056	9.924 645	4	215	
786	9.733 601	11	9.808 960	17	0.191 040	9.924 641	5	214	
787	9.733 612	12	9.808 977	17	0.191 023	9.924 636	5	213	
788	9.733 624	12	9.808 994	16	0.191 006	9.924 631	5	212	
789	9.733 636	12	9.809 010	17	0.190 990	9.924 626	5	211	
.790	9.733 648	12	9.809 027	16	0.190 973	9.924 621	5	.210	
791	9.733 660	11	9.809 043	17	0.190 957	9.924 616	5	209	
792	9.733 671	12	9.809 060	17	0.190 940	9.924 611	5	208	
793	9.733 683	12	9.809 077	16	0.190 923	9.924 606	5	207	
794	9.733 695	12	9.809 093	17	0.190 907	9.924 601	4	206	
795	9.733 707	11	9.809 110	17	0.190 890	9.924 597	5	205	
796	9.733 718	12	9.809 127	16	0.190 873	9.924 592	5	204	
797	9.733 730	12	9.809 143	17	0.190 857	9.924 587	5	203	
798	9.733 742	12	9.809 160	17	0.190 840	9.924 582	5	202	
799	9.733 754	11	9.809 177	16	0.190 823	9.924 577	5	201	
.800	9.733 765		9.809 193		0.190 807	9.924 572		.200	
	cos	d	cotg	d	tang	sin	d	57°	P.P.

	17	16
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2	3.4	3.2
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7	11.9	11.2
8	13.6	12.8
9	15.3	14.4

	12	11
1	1.2	1.1
2	2.4	2.2
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4	4.8	4.4
5	6.0	5.5
6	7.2	6.6
7	8.4	7.7
8	9.6	8.8
9	10.8	9.9

57°.250 — 57°.200

32°.800 — 32°.850

32°	sin	d	tang	d	cotg	cos	d		P.P.
.800	9.733 765	12	9.809 193	17	0.190 807	9.924 572	5	.200	
801	9.733 777	12	9.809 210	17	0.190 790	9.924 567	5	199	
802	9.733 789	12	9.809 227	16	0.190 773	9.924 562	5	198	
803	9.733 801	11	9.809 243	17	0.190 757	9.924 557	4	197	
804	9.733 812	12	9.809 260	17	0.190 740	9.924 553	5	196	
805	9.733 824	12	9.809 277	16	0.190 723	9.924 548	5	195	
806	9.733 836	12	9.809 293	17	0.190 707	9.924 543	5	194	
807	9.733 848	11	9.809 310	16	0.190 690	9.924 538	5	193	
808	9.733 859	12	9.809 326	17	0.190 674	9.924 533	5	192	
809	9.733 871	12	9.809 343	17	0.190 657	9.924 528	5	191	
.810	9.733 883	12	9.809 360	16	0.190 640	9.924 523	5	.190	
811	9.733 895	12	9.809 376	17	0.190 624	9.924 518	5	189	
812	9.733 907	12	9.809 393	17	0.190 607	9.924 513	5	188	
813	9.733 918	11	9.809 410	16	0.190 590	9.924 509	4	187	
814	9.733 930	12	9.809 426	17	0.190 574	9.924 504	5	186	
815	9.733 942	12	9.809 443	17	0.190 557	9.924 499	5	185	
816	9.733 954	12	9.809 460	16	0.190 540	9.924 494	5	184	
817	9.733 965	11	9.809 476	17	0.190 524	9.924 489	5	183	
818	9.733 977	12	9.809 493	17	0.190 507	9.924 484	5	182	
819	9.733 989	12	9.809 510	16	0.190 490	9.924 479	5	181	
.820	9.734 001	12	9.809 526	17	0.190 474	9.924 474	5	.180	
821	9.734 012	11	9.809 543	16	0.190 457	9.924 470	4	179	
822	9.734 024	12	9.809 559	17	0.190 441	9.924 465	5	178	
823	9.734 036	12	9.809 576	17	0.190 424	9.924 460	5	177	
824	9.734 048	12	9.809 593	16	0.190 407	9.924 455	5	176	
825	9.734 059	11	9.809 609	17	0.190 391	9.924 450	5	175	
826	9.734 071	12	9.809 626	17	0.190 374	9.924 445	5	174	
827	9.734 083	12	9.809 643	16	0.190 357	9.924 440	5	173	
828	9.734 095	12	9.809 659	17	0.190 341	9.924 435	5	172	
829	9.734 106	11	9.809 676	17	0.190 324	9.924 430	5	171	
.830	9.734 118	12	9.809 693	16	0.190 307	9.924 426	4	.170	
831	9.734 130	12	9.809 709	17	0.190 291	9.924 421	5	169	
832	9.734 142	12	9.809 726	16	0.190 274	9.924 416	5	168	
833	9.734 153	11	9.809 742	17	0.190 258	9.924 411	5	167	
834	9.734 165	12	9.809 759	17	0.190 241	9.924 406	5	166	
835	9.734 177	12	9.809 776	16	0.190 224	9.924 401	5	165	
836	9.734 189	12	9.809 792	17	0.190 208	9.924 396	5	164	
837	9.734 200	11	9.809 809	17	0.190 191	9.924 391	5	163	
838	9.734 212	12	9.809 826	16	0.190 174	9.924 386	5	162	
839	9.734 224	12	9.809 842	17	0.190 158	9.924 381	5	161	
.840	9.734 236	12	9.809 859	17	0.190 141	9.924 377	4	.160	
841	9.734 247	11	9.809 876	16	0.190 124	9.924 372	5	159	
842	9.734 259	12	9.809 892	17	0.190 108	9.924 367	5	158	
843	9.734 271	12	9.809 909	16	0.190 091	9.924 362	5	157	
844	9.734 282	11	9.809 925	17	0.190 075	9.924 357	5	156	
845	9.734 294	12	9.809 942	17	0.190 058	9.924 352	5	155	
846	9.734 306	12	9.809 959	16	0.190 041	9.924 347	5	154	
847	9.734 318	12	9.809 975	17	0.190 025	9.924 342	5	153	
848	9.734 329	11	9.809 992	17	0.190 008	9.924 337	5	152	
849	9.734 341	12	9.810 009	16	0.189 991	9.924 333	4	151	
.850	9.734 353	12	9.810 025		0.189 975	9.924 328	5	.150	
	cos	d	cotg	d	tang	sin	d	57°	P.P.

	17	16
1	1.7	1.6
2	3.4	3.2
3	5.1	4.8
4	6.8	6.4
5	8.5	8.0
6	10.2	9.6
7	11.9	11.2
8	13.6	12.8
9	15.3	14.4

	12	11
1	1.2	1.1
2	2.4	2.2
3	3.6	3.3
4	4.8	4.4
5	6.0	5.5
6	7.2	6.6
7	8.4	7.7
8	9.6	8.8
9	10.8	9.9

57°.200 — 57°.150

32°.850 — 32°.900

32°	sin	d	tang	d	cotg	cos	d		P.P.
.850	9.734 353	12	9.810 025	17	0.189 975	9.924 328	5	**.150**	
851	9.734 365	11	9.810 042	17	0.189 958	9.924 323	5	149	
852	9.734 376	12	9.810 059	16	0.189 941	9.924 318	5	148	
853	9.734 388	12	9.810 075	17	0.189 925	9.924 313	5	147	
854	9.734 400	12	9.810 092	16	0.189 908	9.924 308	5	146	
855	9.734 412	11	9.810 108	17	0.189 892	9.924 303	5	145	
856	9.734 423	12	9.810 125	17	0.189 875	9.924 298	5	144	
857	9.734 435	12	9.810 142	16	0.189 858	9.924 293	5	143	
858	9.734 447	12	9.810 158	17	0.189 842	9.924 288	5	142	
859	9.734 459	11	9.810 175	17	0.189 825	9.924 284	4	141	
.860	9.734 470	12	9.810 192	16	0.189 808	9.924 279	5	**.140**	
861	9.734 482	12	9.810 208	17	0.189 792	9.924 274	5	139	
862	9.734 494	12	9.810 225	16	0.189 775	9.924 269	5	138	
863	9.734 506	11	9.810 241	17	0.189 759	9.924 264	5	137	
864	9.734 517	12	9.810 258	17	0.189 742	9.924 259	5	136	
865	9.734 529	12	9.810 275	16	0.189 725	9.924 254	5	135	
866	9.734 541	11	9.810 291	17	0.189 709	9.924 249	5	134	
867	9.734 552	12	9.810 308	17	0.189 692	9.924 244	4	133	
868	9.734 564	12	9.810 325	16	0.189 675	9.924 240	5	132	
869	9.734 576	12	9.810 341	17	0.189 659	9.924 235	5	131	
.870	9.734 588	11	9.810 358	17	0.189 642	9.924 230	5	**.130**	
871	9.734 599	12	9.810 375	16	0.189 625	9.924 225	5	129	
872	9.734 611	12	9.810 391	17	0.189 609	9.924 220	5	128	
873	9.734 623	12	9.810 408	16	0.189 592	9.924 215	5	127	
874	9.734 635	11	9.810 424	17	0.189 576	9.924 210	5	126	
875	9.734 646	12	9.810 441	17	0.189 559	9.924 205	5	125	
876	9.734 658	12	9.810 458	16	0.189 542	9.924 200	5	124	
877	9.734 670	11	9.810 474	17	0.189 526	9.924 195	4	123	
878	9.734 681	12	9.810 491	17	0.189 509	9.924 191	5	122	
879	9.734 693	12	9.810 508	16	0.189 492	9.924 186	5	121	
.880	9.734 705	12	9.810 524	17	0.189 476	9.924 181	5	**.120**	
881	9.734 717	11	9.810 541	16	0.189 459	9.924 176	5	119	
882	9.734 728	12	9.810 557	17	0.189 443	9.924 171	5	118	
883	9.734 740	12	9.810 574	17	0.189 426	9.924 166	5	117	
884	9.734 752	12	9.810 591	16	0.189 409	9.924 161	5	116	
885	9.734 764	11	9.810 607	17	0.189 393	9.924 156	5	115	
886	9.734 775	12	9.810 624	17	0.189 376	9.924 151	5	114	
887	9.734 787	12	9.810 641	16	0.189 359	9.924 146	4	113	
888	9.734 799	11	9.810 657	17	0.189 343	9.924 142	5	112	
889	9.734 810	12	9.810 674	16	0.189 326	9.924 137	5	111	
.890	9.734 822	12	9.810 690	17	0.189 310	9.924 132	5	**.110**	
891	9.734 834	12	9.810 707	17	0.189 293	9.924 127	5	109	
892	9.734 846	11	9.810 724	16	0.189 276	9.924 122	5	108	
893	9.734 857	12	9.810 740	17	0.189 260	9.924 117	5	107	
894	9.734 869	12	9.810 757	17	0.189 243	9.924 112	5	106	
895	9.734 881	11	9.810 774	16	0.189 226	9.924 107	5	105	
896	9.734 892	12	9.810 790	17	0.189 210	9.924 102	5	104	
897	9.734 904	12	9.810 807	16	0.189 193	9.924 097	4	103	
898	9.734 916	12	9.810 823	17	0.189 177	9.924 093	5	102	
899	9.734 928	11	9.810 840	17	0.189 160	9.924 088	5	101	
.900	9.734 939		9.810 857		0.189 143	9.924 083		**.100**	
	cos	d	cotg	d	tang	sin	d	57°	P.P.

	17	16
1	1.7	1.6
2	3.4	3.2
3	5.1	4.8
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5	8.5	8.0
6	10.2	9.6
7	11.9	11.2
8	13.6	12.8
9	15.3	14.4

	12	11
1	1.2	1.1
2	2.4	2.2
3	3.6	3.3
4	4.8	4.4
5	6.0	5.5
6	7.2	6.6
7	8.4	7.7
8	9.6	8.8
9	10.8	9.9

57°.150 — 57°.100

32°.900 — 32°.950

32°	sin	d	tang	d	cotg	cos	d		P.P.
.900	9.734 939	12	9.810 857	16	0.189 143	9.924 083	5	**.100**	
901	9.734 951	12	9.810 873	17	0.189 127	9.924 078	5	099	
902	9.734 963	11	9.810 890	16	0.189 110	9.924 073	5	098	
903	9.734 974	12	9.810 906	17	0.189 094	9.924 068	5	097	
904	9.734 986	12	9.810 923	17	0.189 077	9.924 063	5	096	
905	9.734 998	12	9.810 940	16	0.189 060	9.924 058	5	095	
906	9.735 010	11	9.810 956	17	0.189 044	9.924 053	5	094	
907	9.735 021	12	9.810 973	17	0.189 027	9.924 048	5	093	
908	9.735 033	12	9.810 990	16	0.189 010	9.924 043	4	092	
909	9.735 045	11	9.811 006	17	0.188 994	9.924 039	5	091	
.910	9.735 056	12	9.811 023	16	0.188 977	9.924 034	5	**.090**	
911	9.735 068	12	9.811 039	17	0.188 961	9.924 029	5	089	
912	9.735 080	12	9.811 056	17	0.188 944	9.924 024	5	088	
913	9.735 092	11	9.811 073	16	0.188 927	9.924 019	5	087	
914	9.735 103	12	9.811 089	17	0.188 911	9.924 014	5	086	
915	9.735 115	12	9.811 106	17	0.188 894	9.924 009	5	085	
916	9.735 127	11	9.811 123	16	0.188 877	9.924 004	5	084	
917	9.735 138	12	9.811 139	17	0.188 861	9.923 999	5	083	
918	9.735 150	12	9.811 156	16	0.188 844	9.923 994	4	082	
919	9.735 162	12	9.811 172	17	0.188 828	9.923 990	5	081	
.920	9.735 174	11	9.811 189	17	0.188 811	9.923 985	5	**.080**	
921	9.735 185	12	9.811 206	16	0.188 794	9.923 980	5	079	
922	9.735 197	12	9.811 222	17	0.188 778	9.923 975	5	078	
923	9.735 209	11	9.811 239	16	0.188 761	9.923 970	5	077	
924	9.735 220	12	9.811 255	17	0.188 745	9.923 965	5	076	
925	9.735 232	12	9.811 272	17	0.188 728	9.923 960	5	075	
926	9.735 244	12	9.811 289	16	0.188 711	9.923 955	5	074	
927	9.735 256	11	9.811 305	17	0.188 695	9.923 950	5	073	
928	9.735 267	12	9.811 322	17	0.188 678	9.923 945	5	072	
929	9.735 279	12	9.811 339	16	0.188 661	9.923 940	4	071	
.930	9.735 291	11	9.811 355	17	0.188 645	9.923 936	5	**.070**	
931	9.735 302	12	9.811 372	16	0.188 628	9.923 931	5	069	
932	9.735 314	12	9.811 388	17	0.188 612	9.923 926	5	068	
933	9.735 326	11	9.811 405	17	0.188 595	9.923 921	5	067	
934	9.735 337	12	9.811 422	16	0.188 578	9.923 916	5	066	
935	9.735 349	12	9.811 438	17	0.188 562	9.923 911	5	065	
936	9.735 361	12	9.811 455	16	0.188 545	9.923 906	5	064	
937	9.735 373	11	9.811 471	17	0.188 529	9.923 901	5	063	
938	9.735 384	12	9.811 488	17	0.188 512	9.923 896	5	062	
939	9.735 396	12	9.811 505	16	0.188 495	9.923 891	5	061	
.940	9.735 408	11	9.811 521	17	0.188 479	9.923 886	5	**.060**	
941	9.735 419	12	9.811 538	16	0.188 462	9.923 881	4	059	
942	9.735 431	12	9.811 554	17	0.188 446	9.923 877	5	058	
943	9.735 443	11	9.811 571	17	0.188 429	9.923 872	5	057	
944	9.735 454	12	9.811 588	16	0.188 412	9.923 867	5	056	
945	9.735 466	12	9.811 604	17	0.188 396	9.923 862	5	055	
946	9.735 478	12	9.811 621	16	0.188 379	9.923 857	5	054	
947	9.735 490	11	9.811 637	17	0.188 363	9.923 852	5	053	
948	9.735 501	12	9.811 654	17	0.188 346	9.923 847	5	052	
949	9.735 513	12	9.811 671	16	0.188 329	9.923 842	5	051	
.950	9.735 525		9.811 687		0.188 313	9.923 837		**.050**	
	cos	d	cotg	d	tang	sin	d	**57°**	P.P.

	17	16
1	1.7	1.6
2	3.4	3.2
3	5.1	4.8
4	6.8	6.4
5	8.5	8.0
6	10.2	9.6
7	11.9	11.2
8	13.6	12.8
9	15.3	14.4

	12	11
1	1.2	1.1
2	2.4	2.2
3	3.6	3.3
4	4.8	4.4
5	6.0	5.5
6	7.2	6.6
7	8.4	7.7
8	9.6	8.8
9	10.8	9.9

57°.100 — 57°.050

32°.950 — 33°.000

32°	sin	d	tang	d	cotg	cos	d		P.P.
.950	9.735 525	11	9.811 687	17	0.188 313	9.923 837	5	**.050**	
951	9.735 536	12	9.811 704	17	0.188 296	9.923 832	5	049	
952	9.735 548	12	9.811 721	16	0.188 279	9.923 827	4	048	
953	9.735 560	11	9.811 737	17	0.188 263	9.923 823	5	047	
954	9.735 571	12	9.811 754	16	0.188 246	9.923 818	5	046	
955	9.735 583	12	9.811 770	17	0.188 230	9.923 813	5	045	
956	9.735 595	11	9.811 787	17	0.188 213	9.923 808	5	044	
957	9.735 606	12	9.811 804	16	0.188 196	9.923 803	5	043	
958	9.735 618	12	9.811 820	17	0.188 180	9.923 798	5	042	
959	9.735 630	12	9.811 837	16	0.188 163	9.923 793	5	041	
.960	9.735 642	11	9.811 853	17	0.188 147	9.923 788	5	**.040**	
961	9.735 653	12	9.811 870	17	0.188 130	9.923 783	5	039	
962	9.735 665	12	9.811 887	16	0.188 113	9.923 778	5	038	
963	9.735 677	11	9.811 903	17	0.188 097	9.923 773	5	037	
964	9.735 688	12	9.811 920	16	0.188 080	9.923 768	4	036	
965	9.735 700	12	9.811 936	17	0.188 064	9.923 764	5	035	
966	9.735 712	11	9.811 953	17	0.188 047	9.923 759	5	034	
967	9.735 723	12	9.811 970	16	0.188 030	9.923 754	5	033	
968	9.735 735	12	9.811 986	17	0.188 014	9.923 749	5	032	
969	9.735 747	11	9.812 003	16	0.187 997	9.923 744	5	031	
.970	9.735 758	12	9.812 019	17	0.187 981	9.923 739	5	**.030**	
971	9.735 770	12	9.812 036	17	0.187 964	9.923 734	5	029	
972	9.735 782	11	9.812 053	16	0.187 947	9.923 729	5	028	
973	9.735 793	12	9.812 069	17	0.187 931	9.923 724	5	027	
974	9.735 805	12	9.812 086	16	0.187 914	9.923 719	5	026	
975	9.735 817	12	9.812 102	17	0.187 898	9.923 714	5	025	
976	9.735 829	11	9.812 119	17	0.187 881	9.923 709	5	024	
977	9.735 840	12	9.812 136	16	0.187 864	9.923 705	4	023	
978	9.735 852	12	9.812 152	17	0.187 848	9.923 700	5	022	
979	9.735 864	11	9.812 169	16	0.187 831	9.923 695	5	021	
.980	9.735 875	12	9.812 185	17	0.187 815	9.923 690	5	**.020**	
981	9.735 887	12	9.812 202	17	0.187 798	9.923 685	5	019	
982	9.735 899	11	9.812 219	16	0.187 781	9.923 680	5	018	
983	9.735 910	12	9.812 235	17	0.187 765	9.923 675	5	017	
984	9.735 922	12	9.812 252	16	0.187 748	9.923 670	5	016	
985	9.735 934	11	9.812 268	17	0.187 732	9.923 665	5	015	
986	9.735 945	12	9.812 285	17	0.187 715	9.923 660	5	014	
987	9.735 957	12	9.812 302	16	0.187 698	9.923 655	5	013	
988	9.735 969	11	9.812 318	17	0.187 682	9.923 650	4	012	
989	9.735 980	12	9.812 335	16	0.187 665	9.923 646	5	011	
.990	9.735 992	12	9.812 351	17	0.187 649	9.923 641	5	**.010**	
991	9.736 004	11	9.812 368	17	0.187 632	9.923 636	5	009	
992	9.736 015	12	9.812 385	16	0.187 615	9.923 631	5	008	
993	9.736 027	12	9.812 401	17	0.187 599	9.923 626	5	007	
994	9.736 039	11	9.812 418	16	0.187 582	9.923 621	5	006	
995	9.736 050	12	9.812 434	17	0.187 566	9.923 616	5	005	
996	9.736 062	12	9.812 451	17	0.187 549	9.923 611	5	004	
997	9.736 074	11	9.812 468	16	0.187 532	9.923 606	5	003	
998	9.736 085	12	9.812 484	17	0.187 516	9.923 601	5	002	
999	9.736 097	12	9.812 501	16	0.187 499	9.923 596	5	001	
*000	9.736 109		9.812 517		0.187 483	9.923 591		**.000**	
	cos	d	cotg	d	tang	sin	d	57°	P.P.

	17	16
1	1.7	1.6
2	3.4	3.2
3	5.1	4.8
4	6.8	6.4
5	8.5	8.0
6	10.2	9.6
7	11.9	11.2
8	13.6	12.8
9	15.3	14.4

	12	11
1	1.2	1.1
2	2.4	2.2
3	3.6	3.3
4	4.8	4.4
5	6.0	5.5
6	7.2	6.6
7	8.4	7.7
8	9.6	8.8
9	10.8	9.9

57°.050 — 57°.000

33°.000 — 33°.050

33°	sin	d	tang	d	cotg	cos	d		P.P.
.000	9.736 109	11	9.812 517	17	0.187 483	9.923 591	5	***000**	
001	9.736 120	12	9.812 534	17	0.187 466	9.923 586	4	999	
002	9.736 132	12	9.812 551	16	0.187 449	9.923 582	5	998	
003	9.736 144	11	9.812 567	17	0.187 433	9.923 577	5	997	
004	9.736 155	12	9.812 584	16	0.187 416	9.923 572	5	996	
005	9.736 167	12	9.812 600	17	0.187 400	9.923 567	5	995	
006	9.736 179	11	9.812 617	17	0.187 383	9.923 562	5	994	
007	9.736 190	12	9.812 634	16	0.187 366	9.923 557	5	993	
008	9.736 202	12	9.812 650	17	0.187 350	9.923 552	5	992	
009	9.736 214	11	9.812 667	16	0.187 333	9.923 547	5	991	
.010	9.736 225	12	9.812 683	17	0.187 317	9.923 542	5	**.990**	
011	9.736 237	12	9.812 700	16	0.187 300	9.923 537	5	989	
012	9.736 249	11	9.812 716	17	0.187 284	9.923 532	5	988	
013	9.736 260	12	9.812 733	17	0.187 267	9.923 527	5	987	
014	9.736 272	12	9.812 750	16	0.187 250	9.923 522	4	986	
015	9.736 284	11	9.812 766	17	0.187 234	9.923 518	5	985	
016	9.736 295	12	9.812 783	16	0.187 217	9.923 513	5	984	
017	9.736 307	12	9.812 799	17	0.187 201	9.923 508	5	983	
018	9.736 319	11	9.812 816	17	0.187 184	9.923 503	5	982	
019	9.736 330	12	9.812 833	16	0.187 167	9.923 498	5	981	
.020	9.736 342	12	9.812 849	17	0.187 151	9.923 493	5	**.980**	
021	9.736 354	11	9.812 866	16	0.187 134	9.923 488	5	979	
022	9.736 365	12	9.812 882	17	0.187 118	9.923 483	5	978	
023	9.736 377	12	9.812 899	17	0.187 101	9.923 478	5	977	
024	9.736 389	11	9.812 916	16	0.187 084	9.923 473	5	976	
025	9.736 400	12	9.812 932	17	0.187 068	9.923 468	5	975	
026	9.736 412	12	9.812 949	16	0.187 051	9.923 463	5	974	
027	9.736 424	11	9.812 965	17	0.187 035	9.923 458	4	973	
028	9.736 435	12	9.812 982	16	0.187 018	9.923 454	5	972	
029	9.736 447	12	9.812 998	17	0.187 002	9.923 449	5	971	
.030	9.736 459	11	9.813 015	17	0.186 985	9.923 444	5	**.970**	
031	9.736 470	12	9.813 032	16	0.186 968	9.923 439	5	969	
032	9.736 482	12	9.813 048	17	0.186 952	9.923 434	5	968	
033	9.736 494	11	9.813 065	16	0.186 935	9.923 429	5	967	
034	9.736 505	12	9.813 081	17	0.186 919	9.923 424	5	966	
035	9.736 517	12	9.813 098	17	0.186 902	9.923 419	5	965	
036	9.736 529	11	9.813 115	16	0.186 885	9.923 414	5	964	
037	9.736 540	12	9.813 131	17	0.186 869	9.923 409	5	963	
038	9.736 552	12	9.813 148	16	0.186 852	9.923 404	5	962	
039	9.736 564	11	9.813 164	17	0.186 836	9.923 399	5	961	
.040	9.736 575	12	9.813 181	17	0.186 819	9.923 394	5	**.960**	
041	9.736 587	12	9.813 198	16	0.186 802	9.923 389	5	959	
042	9.736 599	11	9.813 214	17	0.186 786	9.923 384	4	958	
043	9.736 610	12	9.813 231	16	0.186 769	9.923 380	5	957	
044	9.736 622	12	9.813 247	17	0.186 753	9.923 375	5	956	
045	9.736 634	11	9.813 264	16	0.186 736	9.923 370	5	955	
046	9.736 645	12	9.813 280	17	0.186 720	9.923 365	5	954	
047	9.736 657	12	9.813 297	17	0.186 703	9.923 360	5	953	
048	9.736 669	11	9.813 314	16	0.186 686	9.923 355	5	952	
049	9.736 680	12	9.813 330	17	0.186 670	9.923 350	5	951	
.050	9.736 692		9.813 347		0.186 653	9.923 345	5	**.950**	
	cos	d	cotg	d	tang	sin	d	**56°**	P.P.

	17	16
1	1.7	1.6
2	3.4	3.2
3	5.1	4.8
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5	8.5	8.0
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8	13.6	12.8
9	15.3	14.4

	12	11
1	1.2	1.1
2	2.4	2.2
3	3.6	3.3
4	4.8	4.4
5	6.0	5.5
6	7.2	6.6
7	8.4	7.7
8	9.6	8.8
9	10.8	9.9

57°.000 — 56°.950

33°.050 — 33°.100

33°	sin	d	tang	d	cotg	cos	d		P.P.
.050	9.736 692	11	9.813 347	16	0.186 653	9.923 345	5	**.950**	
051	9.736 703	12	9.813 363	17	0.186 637	9.923 340	5	949	
052	9.736 715	12	9.813 380	17	0.186 620	9.923 335	5	948	
053	9.736 727	11	9.813 397	16	0.186 603	9.923 330	5	947	
054	9.736 738	12	9.813 413	17	0.186 587	9.923 325	5	946	
055	9.736 750	12	9.813 430	16	0.186 570	9.923 320	5	945	
056	9.736 762	11	9.813 446	17	0.186 554	9.923 315	4	944	
057	9.736 773	12	9.813 463	16	0.186 537	9.923 311	5	943	
058	9.736 785	12	9.813 479	17	0.186 521	9.923 306	5	942	
059	9.736 797	11	9.813 496	17	0.186 504	9.923 301	5	941	
.060	9.736 808	12	9.813 513	16	0.186 487	9.923 296	5	**.940**	
061	9.736 820	12	9.813 529	17	0.186 471	9.923 291	5	939	
062	9.736 832	11	9.813 546	16	0.186 454	9.923 286	5	938	
063	9.736 843	12	9.813 562	17	0.186 438	9.923 281	5	937	
064	9.736 855	12	9.813 579	16	0.186 421	9.923 276	5	936	
065	9.736 867	11	9.813 595	17	0.186 405	9.923 271	5	935	
066	9.736 878	12	9.813 612	17	0.186 388	9.923 266	5	934	
067	9.736 890	11	9.813 629	16	0.186 371	9.923 261	5	933	
068	9.736 901	12	9.813 645	17	0.186 355	9.923 256	5	932	
069	9.736 913	12	9.813 662	16	0.186 338	9.923 251	5	931	
.070	9.736 925	11	9.813 678	17	0.186 322	9.923 246	5	**.930**	
071	9.736 936	12	9.813 695	16	0.186 305	9.923 241	5	929	
072	9.736 948	12	9.813 711	17	0.186 289	9.923 236	5	928	
073	9.736 960	11	9.813 728	17	0.186 272	9.923 232	4	927	
074	9.736 971	12	9.813 745	16	0.186 255	9.923 227	5	926	
075	9.736 983	12	9.813 761	17	0.186 239	9.923 222	5	925	
076	9.736 995	11	9.813 778	16	0.186 222	9.923 217	5	924	
077	9.737 006	12	9.813 794	17	0.186 206	9.923 212	5	923	
078	9.737 018	11	9.813 811	17	0.186 189	9.923 207	5	922	
079	9.737 029	12	9.813 828	16	0.186 172	9.923 202	5	921	
.080	9.737 041	12	9.813 844	17	0.186 156	9.923 197	5	**.920**	
081	9.737 053	11	9.813 861	16	0.186 139	9.923 192	5	919	
082	9.737 064	12	9.813 877	17	0.186 123	9.923 187	5	918	
083	9.737 076	12	9.813 894	16	0.186 106	9.923 182	5	917	
084	9.737 088	11	9.813 910	17	0.186 090	9.923 177	5	916	
085	9.737 099	12	9.813 927	17	0.186 073	9.923 172	5	915	
086	9.737 111	12	9.813 944	16	0.186 056	9.923 167	5	914	
087	9.737 123	11	9.813 960	17	0.186 040	9.923 162	4	913	
088	9.737 134	12	9.813 977	16	0.186 023	9.923 158	5	912	
089	9.737 146	11	9.813 993	17	0.186 007	9.923 153	5	911	
.090	9.737 157	12	9.814 010	16	0.185 990	9.923 148	5	**.910**	
091	9.737 169	12	9.814 026	17	0.185 974	9.923 143	5	909	
092	9.737 181	11	9.814 043	17	0.185 957	9.923 138	5	908	
093	9.737 192	12	9.814 060	16	0.185 940	9.923 133	5	907	
094	9.737 204	12	9.814 076	17	0.185 924	9.923 128	5	906	
095	9.737 216	11	9.814 093	16	0.185 907	9.923 123	5	905	
096	9.737 227	12	9.814 109	17	0.185 891	9.923 118	5	904	
097	9.737 239	11	9.814 126	16	0.185 874	9.923 113	5	903	
098	9.737 250	12	9.814 142	17	0.185 858	9.923 108	5	902	
099	9.737 262	12	9.814 159	17	0.185 841	9.923 103	5	901	
.100	9.737 274		9.814 176		0.185 824	9.923 098		**.900**	
	cos	d	cotg	d	tang	sin	d	**56°**	P.P.

	17	16
1	1.7	1.6
2	3.4	3.2
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5	8.5	8.0
6	10.2	9.6
7	11.9	11.2
8	13.6	12.8
9	15.3	14.4

	12	11
1	1.2	1.1
2	2.4	2.2
3	3.6	3.3
4	4.8	4.4
5	6.0	5.5
6	7.2	6.6
7	8.4	7.7
8	9.6	8.8
9	10.8	9.9

56°.950 — 56°.900

33°.100 — 33°.150

33°	sin	d	tang	d	cotg	cos	d		P.P.
.100	9.737 274	11	9.814 176	16	0.185 824	9.923 098	5	.900	
101	9.737 285	12	9.814 192	17	0.185 808	9.923 093	5	899	
102	9.737 297	12	9.814 209	16	0.185 791	9.923 088	5	898	
103	9.737 309	11	9.814 225	17	0.185 775	9.923 083	5	897	
104	9.737 320	12	9.814 242	16	0.185 758	9.923 078	4	896	
105	9.737 332	11	9.814 258	17	0.185 742	9.923 074	5	895	
106	9.737 343	12	9.814 275	16	0.185 725	9.923 069	5	894	
107	9.737 355	12	9.814 291	17	0.185 709	9.923 064	5	893	
108	9.737 367	11	9.814 308	17	0.185 692	9.923 059	5	892	
109	9.737 378	12	9.814 325	16	0.185 675	9.923 054	5	891	
.110	9.737 390	12	9.814 341	17	0.185 659	9.923 049	5	.890	
111	9.737 402	11	9.814 358	16	0.185 642	9.923 044	5	889	
112	9.737 413	12	9.814 374	17	0.185 626	9.923 039	5	888	
113	9.737 425	11	9.814 391	16	0.185 609	9.923 034	5	887	
114	9.737 436	12	9.814 407	17	0.185 593	9.923 029	5	886	
115	9.737 448	12	9.814 424	17	0.185 576	9.923 024	5	885	
116	9.737 460	11	9.814 441	16	0.185 559	9.923 019	5	884	
117	9.737 471	12	9.814 457	17	0.185 543	9.923 014	5	883	
118	9.737 483	12	9.814 474	16	0.185 526	9.923 009	5	882	
119	9.737 495	11	9.814 490	17	0.185 510	9.923 004	5	881	
.120	9.737 506	12	9.814 507	16	0.185 493	9.922 999	5	.880	
121	9.737 518	11	9.814 523	17	0.185 477	9.922 994	5	879	
122	9.737 529	12	9.814 540	17	0.185 460	9.922 989	4	878	
123	9.737 541	12	9.814 557	16	0.185 443	9.922 985	5	877	
124	9.737 553	11	9.814 573	17	0.185 427	9.922 980	5	876	
125	9.737 564	12	9.814 590	16	0.185 410	9.922 975	5	875	
126	9.737 576	12	9.814 606	17	0.185 394	9.922 970	5	874	
127	9.737 588	11	9.814 623	16	0.185 377	9.922 965	5	873	
128	9.737 599	12	9.814 639	17	0.185 361	9.922 960	5	872	
129	9.737 611	11	9.814 656	16	0.185 344	9.922 955	5	871	
.130	9.737 622	12	9.814 672	17	0.185 328	9.922 950	5	.870	
131	9.737 634	12	9.814 689	17	0.185 311	9.922 945	5	869	
132	9.737 646	11	9.814 706	16	0.185 294	9.922 940	5	868	
133	9.737 657	12	9.814 722	17	0.185 278	9.922 935	5	867	
134	9.737 669	11	9.814 739	16	0.185 261	9.922 930	5	866	
135	9.737 680	12	9.814 755	17	0.185 245	9.922 925	5	865	
136	9.737 692	12	9.814 772	16	0.185 228	9.922 920	5	864	
137	9.737 704	11	9.814 788	17	0.185 212	9.922 915	5	863	
138	9.737 715	12	9.814 805	17	0.185 195	9.922 910	5	862	
139	9.737 727	11	9.814 822	16	0.185 178	9.922 905	5	861	
.140	9.737 738	12	9.814 838	17	0.185 162	9.922 900	5	.860	
141	9.737 750	12	9.814 855	16	0.185 145	9.922 895	4	859	
142	9.737 762	11	9.814 871	17	0.185 129	9.922 891	5	858	
143	9.737 773	12	9.814 888	16	0.185 112	9.922 886	5	857	
144	9.737 785	12	9.814 904	17	0.185 096	9.922 881	5	856	
145	9.737 797	11	9.814 921	16	0.185 079	9.922 876	5	855	
146	9.737 808	12	9.814 937	17	0.185 063	9.922 871	5	854	
147	9.737 820	11	9.814 954	17	0.185 046	9.922 866	5	853	
148	9.737 831	12	9.814 971	16	0.185 029	9.922 861	5	852	
149	9.737 843	12	9.814 987	17	0.185 013	9.922 856	5	851	
.150	9.737 855		9.815 004		0.184 996	9.922 851		.850	
	cos	d	cotg	d	tang	sin	d	56°	P.P.

	17	16
1	1.7	1.6
2	3.4	3.2
3	5.1	4.8
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5	8.5	8.0
6	10.2	9.6
7	11.9	11.2
8	13.6	12.8
9	15.3	14.4

	12	11
1	1.2	1.1
2	2.4	2.2
3	3.6	3.3
4	4.8	4.4
5	6.0	5.5
6	7.2	6.6
7	8.4	7.7
8	9.6	8.8
9	10.8	9.9

56°.900 — 56°.850

33°.150 — 33°.200

33°	sin	d	tang	d	cotg	cos	d		P.P.
.150	9.737 855	11	9.815 004	16	0.184 996	9.922 851	5	.850	
151	9.737 866	12	9.815 020	17	0.184 980	9.922 846	5	849	
152	9.737 878	11	9.815 037	16	0.184 963	9.922 841	5	848	
153	9.737 889	12	9.815 053	17	0.184 947	9.922 836	5	847	
154	9.737 901	12	9.815 070	16	0.184 930	9.922 831	5	846	
155	9.737 913	11	9.815 086	17	0.184 914	9.922 826	5	845	
156	9.737 924	12	9.815 103	17	0.184 897	9.922 821	5	844	
157	9.737 936	11	9.815 120	16	0.184 880	9.922 816	5	843	
158	9.737 947	12	9.815 136	17	0.184 864	9.922 811	5	842	
159	9.737 959	12	9.815 153	16	0.184 847	9.922 806	5	841	
.160	9.737 971	11	9.815 169	17	0.184 831	9.922 801	5	.840	
161	9.737 982	12	9.815 186	16	0.184 814	9.922 796	5	839	
162	9.737 994	11	9.815 202	17	0.184 798	9.922 791	5	838	
163	9.738 005	12	9.815 219	16	0.184 781	9.922 787	4	837	
164	9.738 017	12	9.815 235	17	0.184 765	9.922 782	5	836	
165	9.738 029	11	9.815 252	17	0.184 748	9.922 777	5	835	
166	9.738 040	12	9.815 269	16	0.184 731	9.922 772	5	834	
167	9.738 052	11	9.815 285	17	0.184 715	9.922 767	5	833	
168	9.738 063	12	9.815 302	16	0.184 698	9.922 762	5	832	
169	9.738 075	12	9.815 318	17	0.184 682	9.922 757	5	831	
.170	9.738 087	11	9.815 335	16	0.184 665	9.922 752	5	.830	
171	9.738 098	12	9.815 351	17	0.184 649	9.922 747	5	829	
172	9.738 110	11	9.815 368	16	0.184 632	9.922 742	5	828	
173	9.738 121	12	9.815 384	17	0.184 616	9.922 737	5	827	
174	9.738 133	12	9.815 401	16	0.184 599	9.922 732	5	826	
175	9.738 145	11	9.815 417	17	0.184 583	9.922 727	5	825	
176	9.738 156	12	9.815 434	17	0.184 566	9.922 722	5	824	
177	9.738 168	11	9.815 451	16	0.184 549	9.922 717	5	823	
178	9.738 179	12	9.815 467	17	0.184 533	9.922 712	5	822	
179	9.738 191	12	9.815 484	16	0.184 516	9.922 707	5	821	
.180	9.738 203	11	9.815 500	17	0.184 500	9.922 702	5	.820	
181	9.738 214	12	9.815 517	16	0.184 483	9.922 697	5	819	
182	9.738 226	11	9.815 533	17	0.184 467	9.922 692	5	818	
183	9.738 237	12	9.815 550	16	0.184 450	9.922 687	5	817	
184	9.738 249	11	9.815 566	17	0.184 434	9.922 682	5	816	
185	9.738 260	12	9.815 583	16	0.184 417	9.922 678	4	815	
186	9.738 272	12	9.815 599	17	0.184 401	9.922 673	5	814	
187	9.738 284	11	9.815 616	17	0.184 384	9.922 668	5	813	
188	9.738 295	12	9.815 633	16	0.184 367	9.922 663	5	812	
189	9.738 307	11	9.815 649	17	0.184 351	9.922 658	5	811	
.190	9.738 318	12	9.815 666	16	0.184 334	9.922 653	5	.810	
191	9.738 330	12	9.815 682	17	0.184 318	9.922 648	5	809	
192	9.738 342	11	9.815 699	16	0.184 301	9.922 643	5	808	
193	9.738 353	12	9.815 715	17	0.184 285	9.922 638	5	807	
194	9.738 365	11	9.815 732	16	0.184 268	9.922 633	5	806	
195	9.738 376	12	9.815 748	17	0.184 252	9.922 628	5	805	
196	9.738 388	12	9.815 765	16	0.184 235	9.922 623	5	804	
197	9.738 400	11	9.815 781	17	0.184 219	9.922 618	5	803	
198	9.738 411	12	9.815 798	17	0.184 202	9.922 613	5	802	
199	9.738 423	11	9.815 815	16	0.184 185	9.922 608	5	801	
.200	9.738 434		9.815 831		0.184 169	9.922 603		.800	
	cos	d	cotg	d	tang	sin	d	56°	P.P.

	17	16
1	1.7	1.6
2	3.4	3.2
3	5.1	4.8
4	6.8	6.4
5	8.5	8.0
6	10.2	9.6
7	11.9	11.2
8	13.6	12.8
9	15.3	14.4

	12	11
1	1.2	1.1
2	2.4	2.2
3	3.6	3.3
4	4.8	4.4
5	6.0	5.5
6	7.2	6.6
7	8.4	7.7
8	9.6	8.8
9	10.8	9.9

56°.850 — 56°.800

33°.200 — 33°.250

33°	sin	d	tang	d	cotg	cos	d		P.P.
.200	9.738 434	12	9.815 831	17	0.184 169	9.922 603	5	.800	
201	9.738 446	11	9.815 848	16	0.184 152	9.922 598	5	799	
202	9.738 457	12	9.815 864	17	0.184 136	9.922 593	5	798	
203	9.738 469	12	9.815 881	16	0.184 119	9.922 588	5	797	
204	9.738 481	11	9.815 897	17	0.184 103	9.922 583	5	796	
205	9.738 492	12	9.815 914	16	0.184 086	9.922 578	5	795	
206	9.738 504	11	9.815 930	17	0.184 070	9.922 573	5	794	
207	9.738 515	12	9.815 947	16	0.184 053	9.922 568	5	793	
208	9.738 527	12	9.815 963	17	0.184 037	9.922 563	5	792	
209	9.738 539	11	9.815 980	17	0.184 020	9.922 559	4	791	
.210	9.738 550	12	9.815 997	16	0.184 003	9.922 554	5	.790	
211	9.738 562	11	9.816 013	17	0.183 987	9.922 549	5	789	
212	9.738 573	12	9.816 030	16	0.183 970	9.922 544	5	788	
213	9.738 585	11	9.816 046	17	0.183 954	9.922 539	5	787	
214	9.738 596	12	9.816 063	16	0.183 937	9.922 534	5	786	
215	9.738 608	12	9.816 079	17	0.183 921	9.922 529	5	785	
216	9.738 620	11	9.816 096	16	0.183 904	9.922 524	5	784	
217	9.738 631	12	9.816 112	17	0.183 888	9.922 519	5	783	
218	9.738 643	11	9.816 129	16	0.183 871	9.922 514	5	782	
219	9.738 654	12	9.816 145	17	0.183 855	9.922 509	5	781	
.220	9.738 666	11	9.816 162	16	0.183 838	9.922 504	5	.780	
221	9.738 677	12	9.816 178	17	0.183 822	9.922 499	5	779	
222	9.738 689	12	9.816 195	17	0.183 805	9.922 494	5	778	
223	9.738 701	11	9.816 212	16	0.183 788	9.922 489	5	777	
224	9.738 712	12	9.816 228	17	0.183 772	9.922 484	5	776	
225	9.738 724	11	9.816 245	16	0.183 755	9.922 479	5	775	
226	9.738 735	12	9.816 261	17	0.183 739	9.922 474	5	774	
227	9.738 747	11	9.816 278	16	0.183 722	9.922 469	5	773	
228	9.738 758	12	9.816 294	17	0.183 706	9.922 464	5	772	
229	9.738 770	12	9.816 311	16	0.183 689	9.922 459	5	771	
.230	9.738 782	11	9.816 327	17	0.183 673	9.922 454	5	.770	
231	9.738 793	12	9.816 344	16	0.183 656	9.922 449	5	769	
232	9.738 805	11	9.816 360	17	0.183 640	9.922 444	5	768	
233	9.738 816	12	9.816 377	16	0.183 623	9.922 439	5	767	
234	9.738 828	11	9.816 393	17	0.183 607	9.922 434	5	766	
235	9.738 839	12	9.816 410	17	0.183 590	9.922 429	5	765	
236	9.738 851	12	9.816 427	16	0.183 573	9.922 424	5	764	
237	9.738 863	11	9.816 443	17	0.183 557	9.922 419	4	763	
238	9.738 874	12	9.816 460	16	0.183 540	9.922 415	5	762	
239	9.738 886	11	9.816 476	17	0.183 524	9.922 410	5	761	
.240	9.738 897	12	9.816 493	16	0.183 507	9.922 405	5	.760	
241	9.738 909	11	9.816 509	17	0.183 491	9.922 400	5	759	
242	9.738 920	12	9.816 526	16	0.183 474	9.922 395	5	758	
243	9.738 932	12	9.816 542	17	0.183 458	9.922 390	5	757	
244	9.738 944	11	9.816 559	16	0.183 441	9.922 385	5	756	
245	9.738 955	12	9.816 575	17	0.183 425	9.922 380	5	755	
246	9.738 967	11	9.816 592	16	0.183 408	9.922 375	5	754	
247	9.738 978	12	9.816 608	17	0.183 392	9.922 370	5	753	
248	9.738 990	11	9.816 625	16	0.183 375	9.922 365	5	752	
249	9.739 001	12	9.816 641	17	0.183 359	9.922 360	5	751	
.250	9.739 013		9.816 658		0.183 342	9.922 355		.750	
	cos	d	cotg	d	tang	sin	d	56°	P.P.

	17	16
1	1.7	1.6
2	3.4	3.2
3	5.1	4.8
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7	11.9	11.2
8	13.6	12.8
9	15.3	14.4

	12	11
1	1.2	1.1
2	2.4	2.2
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4	4.8	4.4
5	6.0	5.5
6	7.2	6.6
7	8.4	7.7
8	9.6	8.8
9	10.8	9.9

56°.800 — 56°.750

33°.250 — 33°.300

33°	sin	d	tang	d	cotg	cos	d		P.P.
.250	9.739 013	11	9.816 658	17	0.183 342	9.922 355	5	**.750**	
251	9.739 024	12	9.816 675	16	0.183 325	9.922 350	5	749	
252	9.739 036	12	9.816 691	17	0.183 309	9.922 345	5	748	
253	9.739 048	11	9.816 708	16	0.183 292	9.922 340	5	747	
254	9.739 059	12	9.816 724	17	0.183 276	9.922 335	5	746	
255	9.739 071	11	9.816 741	16	0.183 259	9.922 330	5	745	
256	9.739 082	12	9.816 757	17	0.183 243	9.922 325	5	744	
257	9.739 094	11	9.816 774	16	0.183 226	9.922 320	5	743	
258	9.739 105	12	9.816 790	17	0.183 210	9.922 315	5	742	
259	9.739 117	11	9.816 807	16	0.183 193	9.922 310	5	741	
.260	9.739 128	12	9.816 823	17	0.183 177	9.922 305	5	**.740**	
261	9.739 140	12	9.816 840	16	0.183 160	9.922 300	5	739	
262	9.739 152	11	9.816 856	17	0.183 144	9.922 295	5	738	
263	9.739 163	12	9.816 873	16	0.183 127	9.922 290	5	737	
264	9.739 175	11	9.816 889	17	0.183 111	9.922 285	5	736	
265	9.739 186	12	9.816 906	16	0.183 094	9.922 280	5	735	
266	9.739 198	11	9.816 922	17	0.183 078	9.922 275	5	734	
267	9.739 209	12	9.816 939	16	0.183 061	9.922 270	5	733	
268	9.739 221	11	9.816 955	17	0.183 045	9.922 265	5	732	
269	9.739 232	12	9.816 972	17	0.183 028	9.922 260	5	731	
.270	9.739 244	12	9.816 989	16	0.183 011	9.922 255	4	**.730**	
271	9.739 256	11	9.817 005	17	0.182 995	9.922 251	5	729	
272	9.739 267	12	9.817 022	16	0.182 978	9.922 246	5	728	
273	9.739 279	11	9.817 038	17	0.182 962	9.922 241	5	727	
274	9.739 290	12	9.817 055	16	0.182 945	9.922 236	5	726	
275	9.739 302	11	9.817 071	17	0.182 929	9.922 231	5	725	
276	9.739 313	12	9.817 088	16	0.182 912	9.922 226	5	724	
277	9.739 325	11	9.817 104	17	0.182 896	9.922 221	5	723	
278	9.739 336	12	9.817 121	16	0.182 879	9.922 216	5	722	
279	9.739 348	12	9.817 137	17	0.182 863	9.922 211	5	721	
.280	9.739 360	11	9.817 154	16	0.182 846	9.922 206	5	**.720**	
281	9.739 371	12	9.817 170	17	0.182 830	9.922 201	5	719	
282	9.739 383	11	9.817 187	16	0.182 813	9.922 196	5	718	
283	9.739 394	12	9.817 203	17	0.182 797	9.922 191	5	717	
284	9.739 406	11	9.817 220	16	0.182 780	9.922 186	5	716	
285	9.739 417	12	9.817 236	17	0.182 764	9.922 181	5	715	
286	9.739 429	11	9.817 253	16	0.182 747	9.922 176	5	714	
287	9.739 440	12	9.817 269	17	0.182 731	9.922 171	5	713	
288	9.739 452	11	9.817 286	16	0.182 714	9.922 166	5	712	
289	9.739 463	12	9.817 302	17	0.182 698	9.922 161	5	711	
.290	9.739 475	12	9.817 319	17	0.182 681	9.922 156	5	**.710**	
291	9.739 487	11	9.817 336	16	0.182 664	9.922 151	5	709	
292	9.739 498	12	9.817 352	17	0.182 648	9.922 146	5	708	
293	9.739 510	11	9.817 369	16	0.182 631	9.922 141	5	707	
294	9.739 521	12	9.817 385	17	0.182 615	9.922 136	5	706	
295	9.739 533	11	9.817 402	16	0.182 598	9.922 131	5	705	
296	9.739 544	12	9.817 418	17	0.182 582	9.922 126	5	704	
297	9.739 556	11	9.817 435	16	0.182 565	9.922 121	5	703	
298	9.739 567	12	9.817 451	17	0.182 549	9.922 116	5	702	
299	9.739 579	11	9.817 468	16	0.182 532	9.922 111	5	701	
.300	9.739 590		9.817 484		0.182 516	9.922 106		**.700**	
	cos	d	cotg	d	tang	sin	d	**56°**	P.P.

	17	16
1	1.7	1.6
2	3.4	3.2
3	5.1	4.8
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6	10.2	9.6
7	11.9	11.2
8	13.6	12.8
9	15.3	14.4

	12	11
1	1.2	1.1
2	2.4	2.2
3	3.6	3.3
4	4.8	4.4
5	6.0	5.5
6	7.2	6.6
7	8.4	7.7
8	9.6	8.8
9	10.8	9.9

56°.750 — 56°.700

33°.300 — 33°.350

33°	sin	d	tang	d	cotg	cos	d		P.P.
.300	9.739 590	12	9.817 484	17	0.182 516	9.922 106	5	.700	
301	9.739 602	11	9.817 501	16	0.182 499	9.922 101	5	699	
302	9.739 613	12	9.817 517	17	0.182 483	9.922 096	5	698	
303	9.739 625	12	9.817 534	16	0.182 466	9.922 091	5	697	
304	9.739 637	11	9.817 550	17	0.182 450	9.922 086	5	696	
305	9.739 648	12	9.817 567	16	0.182 433	9.922 081	5	695	
306	9.739 660	11	9.817 583	17	0.182 417	9.922 076	5	694	
307	9.739 671	12	9.817 600	16	0.182 400	9.922 071	5	693	
308	9.739 683	11	9.817 616	17	0.182 384	9.922 066	5	692	
309	9.739 694	12	9.817 633	16	0.182 367	9.922 061	5	691	
.310	9.739 706	11	9.817 649	17	0.182 351	9.922 056	5	.690	
311	9.739 717	12	9.817 666	16	0.182 334	9.922 051	5	689	
312	9.739 729	11	9.817 682	17	0.182 318	9.922 046	5	688	
313	9.739 740	12	9.817 699	16	0.182 301	9.922 041	5	687	
314	9.739 752	11	9.817 715	17	0.182 285	9.922 036	5	686	
315	9.739 763	12	9.817 732	16	0.182 268	9.922 031	5	685	
316	9.739 775	11	9.817 748	17	0.182 252	9.922 027	4	684	
317	9.739 786	12	9.817 765	16	0.182 235	9.922 022	5	683	
318	9.739 798	12	9.817 781	17	0.182 219	9.922 017	5	682	
319	9.739 810	11	9.817 798	17	0.182 202	9.922 012	5	681	
.320	9.739 821	12	9.817 815	16	0.182 185	9.922 007	5	.680	
321	9.739 833	11	9.817 831	17	0.182 169	9.922 002	5	679	
322	9.739 844	12	9.817 848	16	0.182 152	9.921 997	5	678	
323	9.739 856	11	9.817 864	17	0.182 136	9.921 992	5	677	
324	9.739 867	12	9.817 881	16	0.182 119	9.921 987	5	676	
325	9.739 879	11	9.817 897	17	0.182 103	9.921 982	5	675	
326	9.739 890	12	9.817 914	16	0.182 086	9.921 977	5	674	
327	9.739 902	11	9.817 930	17	0.182 070	9.921 972	5	673	
328	9.739 913	12	9.817 947	16	0.182 053	9.921 967	5	672	
329	9.739 925	11	9.817 963	17	0.182 037	9.921 962	5	671	
.330	9.739 936	12	9.817 980	16	0.182 020	9.921 957	5	.670	
331	9.739 948	11	9.817 996	17	0.182 004	9.921 952	5	669	
332	9.739 959	12	9.818 013	16	0.181 987	9.921 947	5	668	
333	9.739 971	11	9.818 029	17	0.181 971	9.921 942	5	667	
334	9.739 982	12	9.818 046	16	0.181 954	9.921 937	5	666	
335	9.739 994	12	9.818 062	17	0.181 938	9.921 932	5	665	
336	9.740 006	11	9.818 079	16	0.181 921	9.921 927	5	664	
337	9.740 017	12	9.818 095	17	0.181 905	9.921 922	5	663	
338	9.740 029	11	9.818 112	16	0.181 888	9.921 917	5	662	
339	9.740 040	12	9.818 128	17	0.181 872	9.921 912	5	661	
.340	9.740 052	11	9.818 145	16	0.181 855	9.921 907	5	.660	
341	9.740 063	12	9.818 161	17	0.181 839	9.921 902	5	659	
342	9.740 075	11	9.818 178	16	0.181 822	9.921 897	5	658	
343	9.740 086	12	9.818 194	17	0.181 806	9.921 892	5	657	
344	9.740 098	11	9.818 211	16	0.181 789	9.921 887	5	656	
345	9.740 109	12	9.818 227	17	0.181 773	9.921 882	5	655	
346	9.740 121	11	9.818 244	16	0.181 756	9.921 877	5	654	
347	9.740 132	12	9.818 260	17	0.181 740	9.921 872	5	653	
348	9.740 144	11	9.818 277	16	0.181 723	9.921 867	5	652	
349	9.740 155	12	9.818 293	17	0.181 707	9.921 862	5	651	
.350	9.740 167		9.818 310		0.181 690	9.921 857		.650	
	cos	d	cotg	d	tang	sin	d	56°	P.P.

	17	16
1	1.7	1.6
2	3.4	3.2
3	5.1	4.8
4	6.8	6.4
5	8.5	8.0
6	10.2	9.6
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8	13.6	12.8
9	15.3	14.4

	12	11
1	1.2	1.1
2	2.4	2.2
3	3.6	3.3
4	4.8	4.4
5	6.0	5.5
6	7.2	6.6
7	8.4	7.7
8	9.6	8.8
9	10.8	9.9

56°.700 — 56°.650

33°.350 — 33°.400

33°	sin	d	tang	d	cotg	cos	d		P.P.
.350	9.740 167	11	9.818 310	16	0.181 690	9.921 857	5	**.650**	
351	9.740 178	12	9.818 326	17	0.181 674	9.921 852	5	649	
352	9.740 190	11	9.818 343	16	0.181 657	9.921 847	5	648	
353	9.740 201	12	9.818 359	17	0.181 641	9.921 842	5	647	
354	9.740 213	11	9.818 376	16	0.181 624	9.921 837	5	646	
355	9.740 224	12	9.818 392	17	0.181 608	9.921 832	5	645	
356	9.740 236	11	9.818 409	16	0.181 591	9.921 827	5	644	
357	9.740 247	12	9.818 425	17	0.181 575	9.921 822	5	643	
358	9.740 259	11	9.818 442	16	0.181 558	9.921 817	5	642	
359	9.740 270	12	9.818 458	17	0.181 542	9.921 812	5	641	
.360	9.740 282	11	9.818 475	16	0.181 525	9.921 807	5	**.640**	
361	9.740 293	12	9.818 491	17	0.181 509	9.921 802	5	639	
362	9.740 305	11	9.818 508	16	0.181 492	9.921 797	5	638	
363	9.740 316	12	9.818 524	17	0.181 476	9.921 792	5	637	
364	9.740 328	12	9.818 541	16	0.181 459	9.921 787	5	636	
365	9.740 340	11	9.818 557	17	0.181 443	9.921 782	5	635	
366	9.740 351	12	9.818 574	16	0.181 426	9.921 777	5	634	
367	9.740 363	11	9.818 590	17	0.181 410	9.921 772	5	633	
368	9.740 374	12	9.818 607	16	0.181 393	9.921 767	5	632	
369	9.740 386	11	9.818 623	17	0.181 377	9.921 762	5	631	
.370	9.740 397	12	9.818 640	16	0.181 360	9.921 757	5	**.630**	
371	9.740 409	11	9.818 656	17	0.181 344	9.921 752	5	629	
372	9.740 420	12	9.818 673	16	0.181 327	9.921 747	5	628	
373	9.740 432	11	9.818 689	17	0.181 311	9.921 742	5	627	
374	9.740 443	12	9.818 706	16	0.181 294	9.921 737	5	626	
375	9.740 455	11	9.818 722	17	0.181 278	9.921 732	5	625	
376	9.740 466	12	9.818 739	16	0.181 261	9.921 727	5	624	
377	9.740 478	11	9.818 755	17	0.181 245	9.921 722	5	623	
378	9.740 489	12	9.818 772	16	0.181 228	9.921 717	5	622	
379	9.740 501	11	9.818 788	17	0.181 212	9.921 712	5	621	
.380	9.740 512	12	9.818 805	16	0.181 195	9.921 707	5	**.620**	
381	9.740 524	11	9.818 821	17	0.181 179	9.921 702	5	619	
382	9.740 535	12	9.818 838	16	0.181 162	9.921 697	5	618	
383	9.740 547	11	9.818 854	17	0.181 146	9.921 692	5	617	
384	9.740 558	12	9.818 871	16	0.181 129	9.921 687	5	616	
385	9.740 570	11	9.818 887	17	0.181 113	9.921 682	5	615	
386	9.740 581	12	9.818 904	16	0.181 096	9.921 677	5	614	
387	9.740 593	11	9.818 920	17	0.181 080	9.921 672	5	613	
388	9.740 604	12	9.818 937	16	0.181 063	9.921 667	5	612	
389	9.740 616	11	9.818 953	17	0.181 047	9.921 662	5	611	
.390	9.740 627	12	9.818 970	16	0.181 030	9.921 657	5	**.610**	
391	9.740 639	11	9.818 986	17	0.181 014	9.921 652	5	609	
392	9.740 650	12	9.819 003	16	0.180 997	9.921 647	5	608	
393	9.740 662	11	9.819 019	17	0.180 981	9.921 642	5	607	
394	9.740 673	12	9.819 036	16	0.180 964	9.921 637	5	606	
395	9.740 685	11	9.819 052	17	0.180 948	9.921 632	5	605	
396	9.740 696	12	9.819 069	16	0.180 931	9.921 627	5	604	
397	9.740 708	11	9.819 085	17	0.180 915	9.921 622	5	603	
398	9.740 719	12	9.819 102	16	0.180 898	9.921 617	5	602	
399	9.740 731	11	9.819 118	17	0.180 882	9.921 612	5	601	
.400	9.740 742		9.819 135		0.180 865	9.921 607		**.600**	
	cos	d	cotg	d	tang	sin	d	56°	P.P.

	17	16
1	1.7	1.6
2	3.4	3.2
3	5.1	4.8
4	6.8	6.4
5	8.5	8.0
6	10.2	9.6
7	11.9	11.2
8	13.6	12.8
9	15.3	14.4

	12	11
1	1.2	1.1
2	2.4	2.2
3	3.6	3.3
4	4.8	4.4
5	6.0	5.5
6	7.2	6.6
7	8.4	7.7
8	9.6	8.8
9	10.8	9.9

56°.650 — 56°.600

33°.400 — 33°.450

33°	sin	d	tang	d	cotg	cos	d		P.P.
.400	9.740 742	12	9.819 135	16	0.180 865	9.921 607	5	.600	
401	9.740 754	11	9.819 151	17	0.180 849	9.921 602	5	599	
402	9.740 765	12	9.819 168	16	0.180 832	9.921 597	5	598	
403	9.740 777	11	9.819 184	17	0.180 816	9.921 592	5	597	
404	9.740 788	12	9.819 201	16	0.180 799	9.921 587	5	596	
405	9.740 800	11	9.819 217	17	0.180 783	9.921 582	5	595	
406	9.740 811	12	9.819 234	16	0.180 766	9.921 577	5	594	
407	9.740 823	11	9.819 250	17	0.180 750	9.921 572	5	593	
408	9.740 834	12	9.819 267	16	0.180 733	9.921 567	5	592	
409	9.740 846	11	9.819 283	17	0.180 717	9.921 562	5	591	
.410	9.740 857	12	9.819 300	16	0.180 700	9.921 557	5	.590	
411	9.740 869	11	9.819 316	17	0.180 684	9.921 552	5	589	
412	9.740 880	12	9.819 333	16	0.180 667	9.921 547	5	588	
413	9.740 892	11	9.819 349	17	0.180 651	9.921 542	5	587	
414	9.740 903	12	9.819 366	16	0.180 634	9.921 537	5	586	
415	9.740 915	11	9.819 382	17	0.180 618	9.921 532	5	585	
416	9.740 926	11	9.819 399	16	0.180 601	9.921 527	5	584	
417	9.740 937	12	9.819 415	17	0.180 585	9.921 522	5	583	
418	9.740 949	11	9.819 432	16	0.180 568	9.921 517	5	582	
419	9.740 960	12	9.819 448	17	0.180 552	9.921 512	5	581	
.420	9.740 972	11	9.819 465	16	0.180 535	9.921 507	5	.580	
421	9.740 983	12	9.819 481	17	0.180 519	9.921 502	5	579	
422	9.740 995	11	9.819 498	16	0.180 502	9.921 497	5	578	
423	9.741 006	12	9.819 514	17	0.180 486	9.921 492	5	577	
424	9.741 018	11	9.819 531	16	0.180 469	9.921 487	5	576	
425	9.741 029	12	9.819 547	17	0.180 453	9.921 482	5	575	
426	9.741 041	11	9.819 564	16	0.180 436	9.921 477	5	574	
427	9.741 052	12	9.819 580	17	0.180 420	9.921 472	5	573	
428	9.741 064	11	9.819 597	16	0.180 403	9.921 467	5	572	
429	9.741 075	12	9.819 613	16	0.180 387	9.921 462	5	571	
.430	9.741 087	11	9.819 629	17	0.180 371	9.921 457	5	.570	
431	9.741 098	12	9.819 646	16	0.180 354	9.921 452	5	569	
432	9.741 110	11	9.819 662	17	0.180 338	9.921 447	5	568	
433	9.741 121	12	9.819 679	16	0.180 321	9.921 442	5	567	
434	9.741 133	11	9.819 695	17	0.180 305	9.921 437	5	566	
435	9.741 144	12	9.819 712	16	0.180 288	9.921 432	5	565	
436	9.741 156	11	9.819 728	17	0.180 272	9.921 427	5	564	
437	9.741 167	12	9.819 745	16	0.180 255	9.921 422	5	563	
438	9.741 179	11	9.819 761	17	0.180 239	9.921 417	5	562	
439	9.741 190	12	9.819 778	16	0.180 222	9.921 412	5	561	
.440	9.741 202	11	9.819 794	17	0.180 206	9.921 407	5	.560	
441	9.741 213	12	9.819 811	16	0.180 189	9.921 402	5	559	
442	9.741 225	11	9.819 827	17	0.180 173	9.921 397	5	558	
443	9.741 236	12	9.819 844	16	0.180 156	9.921 392	5	557	
444	9.741 248	11	9.819 860	17	0.180 140	9.921 387	5	556	
445	9.741 259	11	9.819 877	16	0.180 123	9.921 382	5	555	
446	9.741 270	12	9.819 893	17	0.180 107	9.921 377	5	554	
447	9.741 282	11	9.819 910	16	0.180 090	9.921 372	5	553	
448	9.741 293	12	9.819 926	17	0.180 074	9.921 367	5	552	
449	9.741 305	11	9.819 943	16	0.180 057	9.921 362	5	551	
.450	9.741 316		9.819 959		0.180 041	9.921 357		.550	
	cos	d	cotg	d	tang	sin	d	56°	P.P.

	17	16
1	1.7	1.6
2	3.4	3.2
3	5.1	4.8
4	6.8	6.4
5	8.5	8.0
6	10.2	9.6
7	11.9	11.2
8	13.6	12.8
9	15.3	14.4

	12	11
1	1.2	1.1
2	2.4	2.2
3	3.6	3.3
4	4.8	4.4
5	6.0	5.5
6	7.2	6.6
7	8.4	7.7
8	9.6	8.8
9	10.8	9.9

56°.600 — 56°.550

33°.450 — 33°.500

33°	sin	d	tang	d	cotg	cos	d		P.P.
.450	9.741 316	12	9.819 959	17	0.180 041	9.921 357	5	**.550**	
451	9.741 328	11	9.819 976	16	0.180 024	9.921 352	5	549	
452	9.741 339	12	9.819 992	17	0.180 008	9.921 347	5	548	
453	9.741 351	11	9.820 009	16	0.179 991	9.921 342	5	547	
454	9.741 362	12	9.820 025	17	0.179 975	9.921 337	5	546	
455	9.741 374	11	9.820 042	16	0.179 958	9.921 332	5	545	
456	9.741 385	12	9.820 058	17	0.179 942	9.921 327	5	544	
457	9.741 397	11	9.820 075	16	0.179 925	9.921 322	5	543	
458	9.741 408	12	9.820 091	16	0.179 909	9.921 317	5	542	
459	9.741 420	11	9.820 107	17	0.179 893	9.921 312	5	541	
.460	9.741 431	12	9.820 124	16	0.179 876	9.921 307	5	**.540**	
461	9.741 443	11	9.820 140	17	0.179 860	9.921 302	5	539	
462	9.741 454	11	9.820 157	16	0.179 843	9.921 297	5	538	
463	9.741 465	12	9.820 173	17	0.179 827	9.921 292	5	537	
464	9.741 477	11	9.820 190	16	0.179 810	9.921 287	5	536	
465	9.741 488	12	9.820 206	17	0.179 794	9.921 282	5	535	
466	9.741 500	11	9.820 223	16	0.179 777	9.921 277	5	534	
467	9.741 511	12	9.820 239	17	0.179 761	9.921 272	5	533	
468	9.741 523	11	9.820 256	16	0.179 744	9.921 267	5	532	
469	9.741 534	12	9.820 272	17	0.179 728	9.921 262	5	531	
.470	9.741 546	11	9.820 289	16	0.179 711	9.921 257	5	**.530**	
471	9.741 557	12	9.820 305	17	0.179 695	9.921 252	5	529	
472	9.741 569	11	9.820 322	16	0.179 678	9.921 247	5	528	
473	9.741 580	12	9.820 338	17	0.179 662	9.921 242	5	527	
474	9.741 592	11	9.820 355	16	0.179 645	9.921 237	5	526	
475	9.741 603	12	9.820 371	17	0.179 629	9.921 232	5	525	
476	9.741 615	11	9.820 388	16	0.179 612	9.921 227	5	524	
477	9.741 626	11	9.820 404	17	0.179 596	9.921 222	5	523	
478	9.741 637	12	9.820 421	16	0.179 579	9.921 217	5	522	
479	9.741 649	11	9.820 437	16	0.179 563	9.921 212	5	521	
.480	9.741 660	12	9.820 453	17	0.179 547	9.921 207	5	**.520**	
481	9.741 672	11	9.820 470	16	0.179 530	9.921 202	5	519	
482	9.741 683	12	9.820 486	17	0.179 514	9.921 197	5	518	
483	9.741 695	11	9.820 503	16	0.179 497	9.921 192	5	517	
484	9.741 706	12	9.820 519	17	0.179 481	9.921 187	5	516	
485	9.741 718	11	9.820 536	16	0.179 464	9.921 182	5	515	
486	9.741 729	12	9.820 552	17	0.179 448	9.921 177	5	514	
487	9.741 741	11	9.820 569	16	0.179 431	9.921 172	5	513	
488	9.741 752	11	9.820 585	17	0.179 415	9.921 167	5	512	
489	9.741 763	12	9.820 602	16	0.179 398	9.921 162	5	511	
.490	9.741 775	11	9.820 618	17	0.179 382	9.921 157	5	**.510**	
491	9.741 786	12	9.820 635	16	0.179 365	9.921 152	5	509	
492	9.741 798	11	9.820 651	17	0.179 349	9.921 147	5	508	
493	9.741 809	12	9.820 668	16	0.179 332	9.921 142	5	507	
494	9.741 821	11	9.820 684	17	0.179 316	9.921 137	5	506	
495	9.741 832	12	9.820 701	16	0.179 299	9.921 132	5	505	
496	9.741 844	11	9.820 717	16	0.179 283	9.921 127	5	504	
497	9.741 855	12	9.820 733	17	0.179 267	9.921 122	5	503	
498	9.741 867	11	9.820 750	16	0.179 250	9.921 117	5	502	
499	9.741 878	11	9.820 766	17	0.179 234	9.921 112	5	501	
.500	9.741 889		9.820 783		0.179 217	9.921 107	5	**.500**	
	cos	d	cotg	d	tang	sin	d	**56°**	P.P.

	17	16
1	1.7	1.6
2	3.4	3.2
3	5.1	4.8
4	6.8	6.4
5	8.5	8.0
6	10.2	9.6
7	11.9	11.2
8	13.6	12.8
9	15.3	14.4

	12	11
1	1.2	1.1
2	2.4	2.2
3	3.6	3.3
4	4.8	4.4
5	6.0	5.5
6	7.2	6.6
7	8.4	7.7
8	9.6	8.8
9	10.8	9.9

56°.550 — 56°.500

33°.500 — 33°.550

33°	sin	d	tang	d	cotg	cos	d		P.P.
.500	9.741 889	12	9.820 783	16	0.179 217	9.921 107	5	.500	
501	9.741 901	11	9.820 799	17	0.179 201	9.921 102	5	499	
502	9.741 912	12	9.820 816	16	0.179 184	9.921 097	5	498	
503	9.741 924	11	9.820 832	17	0.179 168	9.921 092	5	497	
504	9.741 935	12	9.820 849	16	0.179 151	9.921 087	5	496	
505	9.741 947	11	9.820 865	17	0.179 135	9.921 082	6	495	
506	9.741 958	12	9.820 882	16	0.179 118	9.921 076	5	494	
507	9.741 970	11	9.820 898	17	0.179 102	9.921 071	5	493	
508	9.741 981	12	9.820 915	16	0.179 085	9.921 066	5	492	
509	9.741 993	11	9.820 931	17	0.179 069	9.921 061	5	491	
.510	9.742 004	11	9.820 948	16	0.179 052	9.921 056	5	.490	
511	9.742 015	12	9.820 964	17	0.179 036	9.921 051	5	489	
512	9.742 027	11	9.820 981	16	0.179 019	9.921 046	5	488	
513	9.742 038	12	9.820 997	16	0.179 003	9.921 041	5	487	
514	9.742 050	11	9.821 013	17	0.178 987	9.921 036	5	486	
515	9.742 061	12	9.821 030	16	0.178 970	9.921 031	5	485	
516	9.742 073	11	9.821 046	17	0.178 954	9.921 026	5	484	
517	9.742 084	12	9.821 063	16	0.178 937	9.921 021	5	483	
518	9.742 096	11	9.821 079	17	0.178 921	9.921 016	5	482	
519	9.742 107	11	9.821 096	16	0.178 904	9.921 011	5	481	
.520	9.742 118	12	9.821 112	17	0.178 888	9.921 006	5	.480	
521	9.742 130	11	9.821 129	16	0.178 871	9.921 001	5	479	
522	9.742 141	12	9.821 145	17	0.178 855	9.920 996	5	478	
523	9.742 153	11	9.821 162	16	0.178 838	9.920 991	5	477	
524	9.742 164	12	9.821 178	17	0.178 822	9.920 986	5	476	
525	9.742 176	11	9.821 195	16	0.178 805	9.920 981	5	475	
526	9.742 187	12	9.821 211	16	0.178 789	9.920 976	5	474	
527	9.742 199	11	9.821 227	17	0.178 773	9.920 971	5	473	
528	9.742 210	11	9.821 244	16	0.178 756	9.920 966	5	472	
529	9.742 221	12	9.821 260	17	0.178 740	9.920 961	5	471	
.530	9.742 233	11	9.821 277	16	0.178 723	9.920 956	5	.470	
531	9.742 244	12	9.821 293	17	0.178 707	9.920 951	5	469	
532	9.742 256	11	9.821 310	16	0.178 690	9.920 946	5	468	
533	9.742 267	12	9.821 326	17	0.178 674	9.920 941	5	467	
534	9.742 279	11	9.821 343	16	0.178 657	9.920 936	5	466	
535	9.742 290	11	9.821 359	17	0.178 641	9.920 931	5	465	
536	9.742 301	12	9.821 376	16	0.178 624	9.920 926	5	464	
537	9.742 313	11	9.821 392	17	0.178 608	9.920 921	5	463	
538	9.742 324	12	9.821 409	16	0.178 591	9.920 916	5	462	
539	9.742 336	11	9.821 425	16	0.178 575	9.920 911	5	461	
.540	9.742 347	12	9.821 441	17	0.178 559	9.920 906	5	.460	
541	9.742 359	11	9.821 458	16	0.178 542	9.920 901	5	459	
542	9.742 370	12	9.821 474	17	0.178 526	9.920 896	5	458	
543	9.742 382	11	9.821 491	16	0.178 509	9.920 891	5	457	
544	9.742 393	11	9.821 507	17	0.178 493	9.920 886	5	456	
545	9.742 404	12	9.821 524	16	0.178 476	9.920 881	5	455	
546	9.742 416	11	9.821 540	17	0.178 460	9.920 876	5	454	
547	9.742 427	12	9.821 557	16	0.178 443	9.920 871	5	453	
548	9.742 439	11	9.821 573	17	0.178 427	9.920 866	5	452	
549	9.742 450	12	9.821 590	16	0.178 410	9.920 861	5	451	
.550	9.742 462		9.821 606		0.178 394	9.920 856		.450	
	cos	d	cotg	d	tang	sin	d	56°	P.P.

	17	16
1	1.7	1.6
2	3.4	3.2
3	5.1	4.8
4	6.8	6.4
5	8.5	8.0
6	10.2	9.6
7	11.9	11.2
8	13.6	12.8
9	15.3	14.4

	12	11
1	1.2	1.1
2	2.4	2.2
3	3.6	3.3
4	4.8	4.4
5	6.0	5.5
6	7.2	6.6
7	8.4	7.7
8	9.6	8.8
9	10.8	9.9

	6	5
1	0.6	0.5
2	1.2	1.0
3	1.8	1.5
4	2.4	2.0
5	3.0	2.5
6	3.6	3.0
7	4.2	3.5
8	4.8	4.0
9	5.4	4.5

56°.500 — 56°.450

33°.550 — 33°.600

33°	sin	d	tang	d	cotg	cos	d		P.P.
.550	9.742 462	11	9.821 606	17	0.178 394	9.920 856	6	.450	
551	9.742 473	11	9.821 623	16	0.178 377	9.920 850	5	449	
552	9.742 484	12	9.821 639	16	0.178 361	9.920 845	5	448	
553	9.742 496	11	9.821 655	17	0.178 345	9.920 840	5	447	
554	9.742 507	12	9.821 672	16	0.178 328	9.920 835	5	446	
555	9.742 519	11	9.821 688	17	0.178 312	9.920 830	5	445	
556	9.742 530	12	9.821 705	16	0.178 295	9.920 825	5	444	
557	9.742 542	11	9.821 721	17	0.178 279	9.920 820	5	443	
558	9.742 553	11	9.821 738	16	0.178 262	9.920 815	5	442	
559	9.742 564	12	9.821 754	17	0.178 246	9.920 810	5	441	
.560	9.742 576	11	9.821 771	16	0.178 229	9.920 805	5	.440	
561	9.742 587	12	9.821 787	17	0.178 213	9.920 800	5	439	
562	9.742 599	11	9.821 804	16	0.178 196	9.920 795	5	438	
563	9.742 610	12	9.821 820	16	0.178 180	9.920 790	5	437	
564	9.742 622	11	9.821 836	17	0.178 164	9.920 785	5	436	
565	9.742 633	11	9.821 853	16	0.178 147	9.920 780	5	435	
566	9.742 644	12	9.821 869	17	0.178 131	9.920 775	5	434	
567	9.742 656	11	9.821 886	16	0.178 114	9.920 770	5	433	
568	9.742 667	12	9.821 902	17	0.178 098	9.920 765	5	432	
569	9.742 679	11	9.821 919	16	0.178 081	9.920 760	5	431	
.570	9.742 690	11	9.821 935	17	0.178 065	9.920 755	5	.430	
571	9.742 701	12	9.821 952	16	0.178 048	9.920 750	5	429	
572	9.742 713	11	9.821 968	16	0.178 032	9.920 745	5	428	
573	9.742 724	12	9.821 984	17	0.178 016	9.920 740	5	427	
574	9.742 736	11	9.822 001	16	0.177 999	9.920 735	5	426	
575	9.742 747	12	9.822 017	17	0.177 983	9.920 730	5	425	
576	9.742 759	11	9.822 034	16	0.177 966	9.920 725	5	424	
577	9.742 770	11	9.822 050	17	0.177 950	9.920 720	5	423	
578	9.742 781	12	9.822 067	16	0.177 933	9.920 715	5	422	
579	9.742 793	11	9.822 083	17	0.177 917	9.920 710	5	421	
.580	9.742 804	12	9.822 100	16	0.177 900	9.920 705	5	.420	
581	9.742 816	11	9.822 116	17	0.177 884	9.920 700	5	419	
582	9.742 827	12	9.822 133	16	0.177 867	9.920 695	5	418	
583	9.742 839	11	9.822 149	16	0.177 851	9.920 690	5	417	
584	9.742 850	11	9.822 165	17	0.177 835	9.920 684	6	416	
585	9.742 861	12	9.822 182	16	0.177 818	9.920 679	5	415	
586	9.742 873	11	9.822 198	17	0.177 802	9.920 674	5	414	
587	9.742 884	12	9.822 215	16	0.177 785	9.920 669	5	413	
588	9.742 896	11	9.822 231	17	0.177 769	9.920 664	5	412	
589	9.742 907	11	9.822 248	16	0.177 752	9.920 659	5	411	
.590	9.742 918	12	9.822 264	17	0.177 736	9.920 654	5	.410	
591	9.742 930	11	9.822 281	16	0.177 719	9.920 649	5	409	
592	9.742 941	12	9.822 297	16	0.177 703	9.920 644	5	408	
593	9.742 953	11	9.822 313	17	0.177 687	9.920 639	5	407	
594	9.742 964	11	9.822 330	16	0.177 670	9.920 634	5	406	
595	9.742 975	12	9.822 346	17	0.177 654	9.920 629	5	405	
596	9.742 987	11	9.822 363	16	0.177 637	9.920 624	5	404	
597	9.742 998	12	9.822 379	17	0.177 621	9.920 619	5	403	
598	9.743 010	11	9.822 396	16	0.177 604	9.920 614	5	402	
599	9.743 021	12	9.822 412	17	0.177 588	9.920 609	5	401	
.600	9.743 033		9.822 429		0.177 571	9.920 604		.400	
	cos	d	cotg	d	tang	sin	d	56°	P.P.

	17	16
1	1.7	1.6
2	3.4	3.2
3	5.1	4.8
4	6.8	6.4
5	8.5	8.0
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7	11.9	11.2
8	13.6	12.8
9	15.3	14.4

	12	11
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2	2.4	2.2
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6	7.2	6.6
7	8.4	7.7
8	9.6	8.8
9	10.8	9.9

	6	5
1	0.6	0.5
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3	1.8	1.5
4	2.4	2.0
5	3.0	2.5
6	3.6	3.0
7	4.2	3.5
8	4.8	4.0
9	5.4	4.5

56°.450 — 56°.400

33°.600 — 33°.650

33°	sin	d	tang	d	cotg	cos	d		P.P.
.600	9.743 033	11	9.822 429	16	0.177 571	9.920 604	5	.400	
601	9.743 044	11	9.822 445	16	0.177 555	9.920 599	5	399	
602	9.743 055	12	9.822 461	17	0.177 539	9.920 594	5	398	
603	9.743 067	11	9.822 478	16	0.177 522	9.920 589	5	397	
604	9.743 078	12	9.822 494	17	0.177 506	9.920 584	5	396	
605	9.743 090	11	9.822 511	16	0.177 489	9.920 579	5	395	
606	9.743 101	11	9.822 527	17	0.177 473	9.920 574	5	394	
607	9.743 112	12	9.822 544	16	0.177 456	9.920 569	5	393	
608	9.743 124	11	9.822 560	17	0.177 440	9.920 564	5	392	
609	9.743 135	12	9.822 577	16	0.177 423	9.920 559	5	391	
.610	9.743 147	11	9.822 593	16	0.177 407	9.920 554	5	.390	
611	9.743 158	11	9.822 609	17	0.177 391	9.920 549	6	389	
612	9.743 169	12	9.822 626	16	0.177 374	9.920 543	5	388	
613	9.743 181	11	9.822 642	17	0.177 358	9.920 538	5	387	
614	9.743 192	12	9.822 659	16	0.177 341	9.920 533	5	386	
615	9.743 204	11	9.822 675	17	0.177 325	9.920 528	5	385	
616	9.743 215	11	9.822 692	16	0.177 308	9.920 523	5	384	
617	9.743 226	12	9.822 708	17	0.177 292	9.920 518	5	383	
618	9.743 238	11	9.822 725	16	0.177 275	9.920 513	5	382	
619	9.743 249	12	9.822 741	16	0.177 259	9.920 508	5	381	
.620	9.743 261	11	9.822 757	17	0.177 243	9.920 503	5	.380	
621	9.743 272	11	9.822 774	16	0.177 226	9.920 498	5	379	
622	9.743 283	12	9.822 790	17	0.177 210	9.920 493	5	378	
623	9.743 295	11	9.822 807	16	0.177 193	9.920 488	5	377	
624	9.743 306	12	9.822 823	17	0.177 177	9.920 483	5	376	
625	9.743 318	11	9.822 840	16	0.177 160	9.920 478	5	375	
626	9.743 329	11	9.822 856	17	0.177 144	9.920 473	5	374	
627	9.743 340	12	9.822 873	16	0.177 127	9.920 468	5	373	
628	9.743 352	11	9.822 889	16	0.177 111	9.920 463	5	372	
629	9.743 363	12	9.822 905	17	0.177 095	9.920 458	5	371	
.630	9.743 375	11	9.822 922	16	0.177 078	9.920 453	5	.370	
631	9.743 386	11	9.822 938	17	0.177 062	9.920 448	5	369	
632	9.743 397	12	9.822 955	16	0.177 045	9.920 443	5	368	
633	9.743 409	11	9.822 971	17	0.177 029	9.920 438	5	367	
634	9.743 420	12	9.822 988	16	0.177 012	9.920 433	5	366	
635	9.743 432	11	9.823 004	16	0.176 996	9.920 428	5	365	
636	9.743 443	11	9.823 020	17	0.176 980	9.920 423	6	364	
637	9.743 454	12	9.823 037	16	0.176 963	9.920 417	5	363	
638	9.743 466	11	9.823 053	17	0.176 947	9.920 412	5	362	
639	9.743 477	12	9.823 070	16	0.176 930	9.920 407	5	361	
.640	9.743 489	11	9.823 086	17	0.176 914	9.920 402	5	.360	
641	9.743 500	11	9.823 103	16	0.176 897	9.920 397	5	359	
642	9.743 511	12	9.823 119	16	0.176 881	9.920 392	5	358	
643	9.743 523	11	9.823 135	17	0.176 865	9.920 387	5	357	
644	9.743 534	11	9.823 152	16	0.176 848	9.920 382	5	356	
645	9.743 545	12	9.823 168	17	0.176 832	9.920 377	5	355	
646	9.743 557	11	9.823 185	16	0.176 815	9.920 372	5	354	
647	9.743 568	12	9.823 201	17	0.176 799	9.920 367	5	353	
648	9.743 580	11	9.823 218	16	0.176 782	9.920 362	5	352	
649	9.743 591	11	9.823 234	17	0.176 766	9.920 357	5	351	
.650	9.743 602		9.823 251		0.176 749	9.920 352		.350	
	cos	d	cotg	d	tang	sin	d	56°	P.P.

	17	16
1	1.7	1.6
2	3.4	3.2
3	5.1	4.8
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8	13.6	12.8
9	15.3	14.4

	12	11
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6	7.2	6.6
7	8.4	7.7
8	9.6	8.8
9	10.8	9.9

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2	1.2	1.0
3	1.8	1.5
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6	3.6	3.0
7	4.2	3.5
8	4.8	4.0
9	5.4	4.5

56°.400 — 56°.350

33°.650 — 33°.700

33°	sin	d	tang	d	cotg	cos	d		P.P.
.650	9.743 602	12	9.823 251	16	0.176 749	9.920 352	5	.350	
651	9.743 614	11	9.823 267	16	0.176 733	9.920 347	5	349	
652	9.743 625	12	9.823 283	17	0.176 717	9.920 342	5	348	
653	9.743 637	11	9.823 300	16	0.176 700	9.920 337	5	347	
654	9.743 648	11	9.823 316	17	0.176 684	9.920 332	5	346	
655	9.743 659	12	9.823 333	16	0.176 667	9.920 327	5	345	
656	9.743 671	11	9.823 349	17	0.176 651	9.920 322	5	344	
657	9.743 682	11	9.823 366	16	0.176 634	9.920 317	5	343	
658	9.743 693	12	9.823 382	16	0.176 618	9.920 312	6	342	
659	9.743 705	11	9.823 398	17	0.176 602	9.920 306	5	341	
.660	9.743 716	12	9.823 415	16	0.176 585	9.920 301	5	.340	
661	9.743 728	11	9.823 431	17	0.176 569	9.920 296	5	339	
662	9.743 739	11	9.823 448	16	0.176 552	9.920 291	5	338	
663	9.743 750	12	9.823 464	17	0.176 536	9.920 286	5	337	
664	9.743 762	11	9.823 481	16	0.176 519	9.920 281	5	336	
665	9.743 773	12	9.823 497	16	0.176 503	9.920 276	5	335	
666	9.743 785	11	9.823 513	17	0.176 487	9.920 271	5	334	
667	9.743 796	11	9.823 530	16	0.176 470	9.920 266	5	333	
668	9.743 807	12	9.823 546	17	0.176 454	9.920 261	5	332	
669	9.743 819	11	9.823 563	16	0.176 437	9.920 256	5	331	
.670	9.743 830	11	9.823 579	17	0.176 421	9.920 251	5	.330	
671	9.743 841	12	9.823 596	16	0.176 404	9.920 246	5	329	
672	9.743 853	11	9.823 612	16	0.176 388	9.920 241	5	328	
673	9.743 864	12	9.823 628	17	0.176 372	9.920 236	5	327	
674	9.743 876	11	9.823 645	16	0.176 355	9.920 231	5	326	
675	9.743 887	11	9.823 661	17	0.176 339	9.920 226	5	325	
676	9.743 898	12	9.823 678	16	0.176 322	9.920 221	5	324	
677	9.743 910	11	9.823 694	17	0.176 306	9.920 216	5	323	
678	9.743 921	11	9.823 711	16	0.176 289	9.920 211	6	322	
679	9.743 932	12	9.823 727	16	0.176 273	9.920 205	5	321	
.680	9.743 944	11	9.823 743	17	0.176 257	9.920 200	5	.320	
681	9.743 955	12	9.823 760	16	0.176 240	9.920 195	5	319	
682	9.743 967	11	9.823 776	17	0.176 224	9.920 190	5	318	
683	9.743 978	11	9.823 793	16	0.176 207	9.920 185	5	317	
684	9.743 989	12	9.823 809	17	0.176 191	9.920 180	5	316	
685	9.744 001	11	9.823 826	16	0.176 174	9.920 175	5	315	
686	9.744 012	11	9.823 842	16	0.176 158	9.920 170	5	314	
687	9.744 023	12	9.823 858	17	0.176 142	9.920 165	5	313	
688	9.744 035	11	9.823 875	16	0.176 125	9.920 160	5	312	
689	9.744 046	12	9.823 891	17	0.176 109	9.920 155	5	311	
.690	9.744 058	11	9.823 908	16	0.176 092	9.920 150	5	.310	
691	9.744 069	11	9.823 924	16	0.176 076	9.920 145	5	309	
692	9.744 080	12	9.823 940	17	0.176 060	9.920 140	5	308	
693	9.744 092	11	9.823 957	16	0.176 043	9.920 135	5	307	
694	9.744 103	11	9.823 973	17	0.176 027	9.920 130	5	306	
695	9.744 114	12	9.823 990	16	0.176 010	9.920 125	5	305	
696	9.744 126	11	9.824 006	17	0.175 994	9.920 120	5	304	
697	9.744 137	11	9.824 023	16	0.175 977	9.920 115	6	303	
698	9.744 148	12	9.824 039	16	0.175 961	9.920 109	5	302	
699	9.744 160	11	9.824 055	17	0.175 945	9.920 104	5	301	
.700	9.744 171		9.824 072		0.175 928	9.920 099		.300	
	cos	d	cotg	d	tang	sin	d	56°	P.P.

	17	16
1	1.7	1.6
2	3.4	3.2
3	5.1	4.8
4	6.8	6.4
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7	11.9	11.2
8	13.6	12.8
9	15.3	14.4

	12	11
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2	2.4	2.2
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6	7.2	6.6
7	8.4	7.7
8	9.6	8.8
9	10.8	9.9

	6	5
1	0.6	0.5
2	1.2	1.0
3	1.8	1.5
4	2.4	2.0
5	3.0	2.5
6	3.6	3.0
7	4.2	3.5
8	4.8	4.0
9	5.4	4.5

56°.350 — 56°.300

33°.700 — 33°.750

33°	sin	d	tang	d	cotg	cos	d		P.P.
.700	9.744 171	12	9.824 072	16	0.175 928	9.920 099	5	.300	
701	9.744 183	11	9.824 088	17	0.175 912	9.920 094	5	299	
702	9.744 194	11	9.824 105	16	0.175 895	9.920 089	5	298	
703	9.744 205	12	9.824 121	17	0.175 879	9.920 084	5	297	
704	9.744 217	11	9.824 138	16	0.175 862	9.920 079	5	296	
705	9.744 228	11	9.824 154	16	0.175 846	9.920 074	5	295	
706	9.744 239	12	9.824 170	17	0.175 830	9.920 069	5	294	
707	9.744 251	11	9.824 187	16	0.175 813	9.920 064	5	293	
708	9.744 262	12	9.824 203	17	0.175 797	9.920 059	5	292	
709	9.744 274	11	9.824 220	16	0.175 780	9.920 054	5	291	
.710	9.744 285	11	9.824 236	16	0.175 764	9.920 049	5	.290	
711	9.744 296	12	9.824 252	17	0.175 748	9.920 044	5	289	
712	9.744 308	11	9.824 269	16	0.175 731	9.920 039	5	288	
713	9.744 319	11	9.824 285	17	0.175 715	9.920 034	5	287	
714	9.744 330	12	9.824 302	16	0.175 698	9.920 029	5	286	
715	9.744 342	11	9.824 318	17	0.175 682	9.920 024	6	285	
716	9.744 353	11	9.824 335	16	0.175 665	9.920 018	5	284	
717	9.744 364	12	9.824 351	16	0.175 649	9.920 013	5	283	
718	9.744 376	11	9.824 367	17	0.175 633	9.920 008	5	282	
719	9.744 387	11	9.824 384	16	0.175 616	9.920 003	5	281	
.720	9.744 398	12	9.824 400	17	0.175 600	9.919 998	5	.280	
721	9.744 410	11	9.824 417	16	0.175 583	9.919 993	5	279	
722	9.744 421	12	9.824 433	16	0.175 567	9.919 988	5	278	
723	9.744 433	11	9.824 449	17	0.175 551	9.919 983	5	277	
724	9.744 444	11	9.824 466	16	0.175 534	9.919 978	5	276	
725	9.744 455	12	9.824 482	17	0.175 518	9.919 973	5	275	
726	9.744 467	11	9.824 499	16	0.175 501	9.919 968	5	274	
727	9.744 478	11	9.824 515	17	0.175 485	9.919 963	5	273	
728	9.744 489	12	9.824 532	16	0.175 468	9.919 958	5	272	
729	9.744 501	11	9.824 548	16	0.175 452	9.919 953	5	271	
.730	9.744 512	11	9.824 564	17	0.175 436	9.919 948	5	.270	
731	9.744 523	12	9.824 581	16	0.175 419	9.919 943	5	269	
732	9.744 535	11	9.824 597	17	0.175 403	9.919 938	6	268	
733	9.744 546	11	9.824 614	16	0.175 386	9.919 932	5	267	
734	9.744 557	12	9.824 630	16	0.175 370	9.919 927	5	266	
735	9.744 569	11	9.824 646	17	0.175 354	9.919 922	5	265	
736	9.744 580	11	9.824 663	16	0.175 337	9.919 917	5	264	
737	9.744 591	12	9.824 679	17	0.175 321	9.919 912	5	263	
738	9.744 603	11	9.824 696	16	0.175 304	9.919 907	5	262	
739	9.744 614	12	9.824 712	16	0.175 288	9.919 902	5	261	
.740	9.744 626	11	9.824 728	17	0.175 272	9.919 897	5	.260	
741	9.744 637	11	9.824 745	16	0.175 255	9.919 892	5	259	
742	9.744 648	12	9.824 761	17	0.175 239	9.919 887	5	258	
743	9.744 660	11	9.824 778	16	0.175 222	9.919 882	5	257	
744	9.744 671	11	9.824 794	17	0.175 206	9.919 877	5	256	
745	9.744 682	12	9.824 811	16	0.175 189	9.919 872	5	255	
746	9.744 694	11	9.824 827	16	0.175 173	9.919 867	5	254	
747	9.744 705	11	9.824 843	17	0.175 157	9.919 862	5	253	
748	9.744 716	12	9.824 860	16	0.175 140	9.919 857	6	252	
749	9.744 728	11	9.824 876	17	0.175 124	9.919 851	5	251	
.750	9.744 739		9.824 893		0.175 107	9.919 846		.250	
	cos	d	cotg	d	tang	sin	d	56°	P.P.

	17	16
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2	3.4	3.2
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8	13.6	12.8
9	15.3	14.4

	12	11
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2	2.4	2.2
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4	4.8	4.4
5	6.0	5.5
6	7.2	6.6
7	8.4	7.7
8	9.6	8.8
9	10.8	9.9

	6	5
1	0.6	0.5
2	1.2	1.0
3	1.8	1.5
4	2.4	2.0
5	3.0	2.5
6	3.6	3.0
7	4.2	3.5
8	4.8	4.0
9	5.4	4.5

56°.300 — 56°.250

33°.750 — 33°.800

33°	sin	d	tang	d	cotg	cos	d		P.P.
.750	9.744 739	11	9.824 893	16	0.175 107	9.919 846	5	.250	
751	9.744 750	12	9.824 909	16	0.175 091	9.919 841	5	249	
752	9.744 762	11	9.824 925	17	0.175 075	9.919 836	5	248	
753	9.744 773	11	9.824 942	16	0.175 058	9.919 831	5	247	
754	9.744 784	12	9.824 958	17	0.175 042	9.919 826	5	246	
755	9.744 796	11	9.824 975	16	0.175 025	9.919 821	5	245	
756	9.744 807	11	9.824 991	16	0.175 009	9.919 816	5	244	
757	9.744 818	12	9.825 007	17	0.174 993	9.919 811	5	243	
758	9.744 830	11	9.825 024	16	0.174 976	9.919 806	5	242	
759	9.744 841	11	9.825 040	17	0.174 960	9.919 801	5	241	
.760	9.744 852	12	9.825 057	16	0.174 943	9.919 796	5	.240	
761	9.744 864	11	9.825 073	16	0.174 927	9.919 791	5	239	
762	9.744 875	11	9.825 089	17	0.174 911	9.919 786	5	238	
763	9.744 886	12	9.825 106	16	0.174 894	9.919 781	6	237	
764	9.744 898	11	9.825 122	17	0.174 878	9.919 775	5	236	
765	9.744 909	11	9.825 139	16	0.174 861	9.919 770	5	235	
766	9.744 920	12	9.825 155	17	0.174 845	9.919 765	5	234	
767	9.744 932	11	9.825 172	16	0.174 828	9.919 760	5	233	
768	9.744 943	11	9.825 188	16	0.174 812	9.919 755	5	232	
769	9.744 954	12	9.825 204	17	0.174 796	9.919 750	5	231	
.770	9.744 966	11	9.825 221	16	0.174 779	9.919 745	5	.230	
771	9.744 977	11	9.825 237	17	0.174 763	9.919 740	5	229	
772	9.744 988	12	9.825 254	16	0.174 746	9.919 735	5	228	
773	9.745 000	11	9.825 270	16	0.174 730	9.919 730	5	227	
774	9.745 011	11	9.825 286	17	0.174 714	9.919 725	5	226	
775	9.745 022	12	9.825 303	16	0.174 697	9.919 720	5	225	
776	9.745 034	11	9.825 319	17	0.174 681	9.919 715	5	224	
777	9.745 045	11	9.825 336	16	0.174 664	9.919 710	6	223	
778	9.745 056	12	9.825 352	16	0.174 648	9.919 704	5	222	
779	9.745 068	11	9.825 368	17	0.174 632	9.919 699	5	221	
.780	9.745 079	11	9.825 385	16	0.174 615	9.919 694	5	.220	
781	9.745 090	12	9.825 401	17	0.174 599	9.919 689	5	219	
782	9.745 102	11	9.825 418	16	0.174 582	9.919 684	5	218	
783	9.745 113	11	9.825 434	16	0.174 566	9.919 679	5	217	
784	9.745 124	12	9.825 450	17	0.174 550	9.919 674	5	216	
785	9.745 136	11	9.825 467	16	0.174 533	9.919 669	5	215	
786	9.745 147	11	9.825 483	17	0.174 517	9.919 664	5	214	
787	9.745 158	12	9.825 500	16	0.174 500	9.919 659	5	213	
788	9.745 170	11	9.825 516	16	0.174 484	9.919 654	5	212	
789	9.745 181	11	9.825 532	17	0.174 468	9.919 649	5	211	
.790	9.745 192	12	9.825 549	16	0.174 451	9.919 644	5	.210	
791	9.745 204	11	9.825 565	17	0.174 435	9.919 639	6	209	
792	9.745 215	11	9.825 582	16	0.174 418	9.919 633	5	208	
793	9.745 226	12	9.825 598	16	0.174 402	9.919 628	5	207	
794	9.745 238	11	9.825 614	17	0.174 386	9.919 623	5	206	
795	9.745 249	11	9.825 631	16	0.174 369	9.919 618	5	205	
796	9.745 260	12	9.825 647	17	0.174 353	9.919 613	5	204	
797	9.745 272	11	9.825 664	16	0.174 336	9.919 608	5	203	
798	9.745 283	11	9.825 680	16	0.174 320	9.919 603	5	202	
799	9.745 294	12	9.825 696	17	0.174 304	9.919 598	5	201	
.800	9.745 306		9.825 713		0.174 287	9.919 593		.200	
	cos	d	cotg	d	tang	sin	d	56°	P.P.

	17	16
1	1.7	1.6
2	3.4	3.2
3	5.1	4.8
4	6.8	6.4
5	8.5	8.0
6	10.2	9.6
7	11.9	11.2
8	13.6	12.8
9	15.3	14.4

	12	11
1	1.2	1.1
2	2.4	2.2
3	3.6	3.3
4	4.8	4.4
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6	7.2	6.6
7	8.4	7.7
8	9.6	8.8
9	10.8	9.9

	6	5
1	0.6	0.5
2	1.2	1.0
3	1.8	1.5
4	2.4	2.0
5	3.0	2.5
6	3.6	3.0
7	4.2	3.5
8	4.8	4.0
9	5.4	4.5

56°.250 — 56°.200

33°.800 — 33°.850

33°	sin	d	tang	d	cotg	cos	d		P.P.
.800	9.745 306	11	9.825 713	16	0.174 287	9.919 593	5	.200	
801	9.745 317	11	9.825 729	17	0.174 271	9.919 588	5	199	
802	9.745 328	12	9.825 746	16	0.174 254	9.919 583	5	198	
803	9.745 340	11	9.825 762	16	0.174 238	9.919 578	5	197	
804	9.745 351	11	9.825 778	17	0.174 222	9.919 573	5	196	
805	9.745 362	12	9.825 795	16	0.174 205	9.919 568	6	195	
806	9.745 374	11	9.825 811	17	0.174 189	9.919 562	5	194	
807	9.745 385	11	9.825 828	16	0.174 172	9.919 557	5	193	
808	9.745 396	12	9.825 844	16	0.174 156	9.919 552	5	192	
809	9.745 408	11	9.825 860	17	0.174 140	9.919 547	5	191	
.810	9.745 419	11	9.825 877	16	0.174 123	9.919 542	5	.190	
811	9.745 430	11	9.825 893	16	0.174 107	9.919 537	5	189	
812	9.745 441	12	9.825 909	17	0.174 091	9.919 532	5	188	
813	9.745 453	11	9.825 926	16	0.174 074	9.919 527	5	187	
814	9.745 464	11	9.825 942	17	0.174 058	9.919 522	5	186	
815	9.745 475	12	9.825 959	16	0.174 041	9.919 517	5	185	
816	9.745 487	11	9.825 975	16	0.174 025	9.919 512	5	184	
817	9.745 498	11	9.825 991	17	0.174 009	9.919 507	5	183	
818	9.745 509	12	9.826 008	16	0.173 992	9.919 502	5	182	
819	9.745 521	11	9.826 024	17	0.173 976	9.919 496	6	181	
.820	9.745 532	11	9.826 041	16	0.173 959	9.919 491	5	.180	
821	9.745 543	12	9.826 057	16	0.173 943	9.919 486	5	179	
822	9.745 555	11	9.826 073	17	0.173 927	9.919 481	5	178	
823	9.745 566	11	9.826 090	16	0.173 910	9.919 476	5	177	
824	9.745 577	12	9.826 106	17	0.173 894	9.919 471	5	176	
825	9.745 589	11	9.826 123	16	0.173 877	9.919 466	5	175	
826	9.745 600	11	9.826 139	16	0.173 861	9.919 461	5	174	
827	9.745 611	12	9.826 155	17	0.173 845	9.919 456	5	173	
828	9.745 623	11	9.826 172	16	0.173 828	9.919 451	5	172	
829	9.745 634	11	9.826 188	17	0.173 812	9.919 446	5	171	
.830	9.745 645	11	9.826 205	16	0.173 795	9.919 441	5	.170	
831	9.745 656	12	9.826 221	16	0.173 779	9.919 436	5	169	
832	9.745 668	11	9.826 237	17	0.173 763	9.919 430	6	168	
833	9.745 679	11	9.826 254	16	0.173 746	9.919 425	5	167	
834	9.745 690	12	9.826 270	16	0.173 730	9.919 420	5	166	
835	9.745 702	11	9.826 286	17	0.173 714	9.919 415	5	165	
836	9.745 713	11	9.826 303	16	0.173 697	9.919 410	5	164	
837	9.745 724	12	9.826 319	17	0.173 681	9.919 405	5	163	
838	9.745 736	11	9.826 336	16	0.173 664	9.919 400	5	162	
839	9.745 747	11	9.826 352	16	0.173 648	9.919 395	5	161	
.840	9.745 758	12	9.826 368	17	0.173 632	9.919 390	5	.160	
841	9.745 770	11	9.826 385	16	0.173 615	9.919 385	5	159	
842	9.745 781	11	9.826 401	17	0.173 599	9.919 380	5	158	
843	9.745 792	11	9.826 418	16	0.173 582	9.919 375	6	157	
844	9.745 803	12	9.826 434	16	0.173 566	9.919 369	5	156	
845	9.745 815	11	9.826 450	17	0.173 550	9.919 364	5	155	
846	9.745 826	11	9.826 467	16	0.173 533	9.919 359	5	154	
847	9.745 837	12	9.826 483	17	0.173 517	9.919 354	5	153	
848	9.745 849	11	9.826 500	16	0.173 500	9.919 349	5	152	
849	9.745 860	11	9.826 516	16	0.173 484	9.919 344	5	151	
.850	9.745 871		9.826 532		0.173 468	9.919 339		.150	
	cos	d	cotg	d	tang	sin	d	56°	P.P.

	17	16
1	1.7	1.6
2	3.4	3.2
3	5.1	4.8
4	6.8	6.4
5	8.5	8.0
6	10.2	9.6
7	11.9	11.2
8	13.6	12.8
9	15.3	14.4

	12	11
1	1.2	1.1
2	2.4	2.2
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4	4.8	4.4
5	6.0	5.5
6	7.2	6.6
7	8.4	7.7
8	9.6	8.8
9	10.8	9.9

	6	5
1	0.6	0.5
2	1.2	1.0
3	1.8	1.5
4	2.4	2.0
5	3.0	2.5
6	3.6	3.0
7	4.2	3.5
8	4.8	4.0
9	5.4	4.5

56°.200 — 56°.150

33°.850 — 33°.900

33°	sin	d	tang	d	cotg	cos	d		P.P.
.850	9.745 871	12	9.826 532	17	0.173 468	9.919 339	5	**.150**	
851	9.745 883	11	9.826 549	16	0.173 451	9.919 334	5	149	
852	9.745 894	11	9.826 565	16	0.173 435	9.919 329	5	148	
853	9.745 905	11	9.826 581	17	0.173 419	9.919 324	5	147	
854	9.745 916	12	9.826 598	16	0.173 402	9.919 319	5	146	
855	9.745 928	11	9.826 614	17	0.173 386	9.919 314	6	145	
856	9.745 939	11	9.826 631	16	0.173 369	9.919 308	5	144	
857	9.745 950	12	9.826 647	16	0.173 353	9.919 303	5	143	
858	9.745 962	11	9.826 663	17	0.173 337	9.919 298	5	142	
859	9.745 973	11	9.826 680	16	0.173 320	9.919 293	5	141	
.860	9.745 984	12	9.826 696	17	0.173 304	9.919 288	5	**.140**	
861	9.745 996	11	9.826 713	16	0.173 287	9.919 283	5	139	
862	9.746 007	11	9.826 729	16	0.173 271	9.919 278	5	138	
863	9.746 018	11	9.826 745	17	0.173 255	9.919 273	5	137	
864	9.746 029	12	9.826 762	16	0.173 238	9.919 268	5	136	
865	9.746 041	11	9.826 778	16	0.173 222	9.919 263	5	135	
866	9.746 052	11	9.826 794	17	0.173 206	9.919 258	5	134	
867	9.746 063	12	9.826 811	16	0.173 189	9.919 253	6	133	
868	9.746 075	11	9.826 827	17	0.173 173	9.919 247	5	132	
869	9.746 086	11	9.826 844	16	0.173 156	9.919 242	5	131	
.870	9.746 097	11	9.826 860	16	0.173 140	9.919 237	5	**.130**	
871	9.746 108	12	9.826 876	17	0.173 124	9.919 232	5	129	
872	9.746 120	11	9.826 893	16	0.173 107	9.919 227	5	128	
873	9.746 131	11	9.826 909	16	0.173 091	9.919 222	5	127	
874	9.746 142	12	9.826 925	17	0.173 075	9.919 217	5	126	
875	9.746 154	11	9.826 942	16	0.173 058	9.919 212	5	125	
876	9.746 165	11	9.826 958	17	0.173 042	9.919 207	5	124	
877	9.746 176	12	9.826 975	16	0.173 025	9.919 202	5	123	
878	9.746 188	11	9.826 991	16	0.173 009	9.919 197	6	122	
879	9.746 199	11	9.827 007	17	0.172 993	9.919 191	5	121	
.880	9.746 210	11	9.827 024	16	0.172 976	9.919 186	5	**.120**	
881	9.746 221	12	9.827 040	16	0.172 960	9.919 181	5	119	
882	9.746 233	11	9.827 056	17	0.172 944	9.919 176	5	118	
883	9.746 244	11	9.827 073	16	0.172 927	9.919 171	5	117	
884	9.746 255	12	9.827 089	17	0.172 911	9.919 166	5	116	
885	9.746 267	11	9.827 106	16	0.172 894	9.919 161	5	115	
886	9.746 278	11	9.827 122	16	0.172 878	9.919 156	5	114	
887	9.746 289	11	9.827 138	17	0.172 862	9.919 151	5	113	
888	9.746 300	12	9.827 155	16	0.172 845	9.919 146	5	112	
889	9.746 312	11	9.827 171	17	0.172 829	9.919 141	6	111	
.890	9.746 323	11	9.827 188	16	0.172 812	9.919 135	5	**.110**	
891	9.746 334	12	9.827 204	16	0.172 796	9.919 130	5	109	
892	9.746 346	11	9.827 220	17	0.172 780	9.919 125	5	108	
893	9.746 357	11	9.827 237	16	0.172 763	9.919 120	5	107	
894	9.746 368	11	9.827 253	16	0.172 747	9.919 115	5	106	
895	9.746 379	12	9.827 269	17	0.172 731	9.919 110	5	105	
896	9.746 391	11	9.827 286	16	0.172 714	9.919 105	5	104	
897	9.746 402	11	9.827 302	17	0.172 698	9.919 100	5	103	
898	9.746 413	11	9.827 319	16	0.172 681	9.919 095	5	102	
899	9.746 424	12	9.827 335	16	0.172 665	9.919 090	5	101	
.900	9.746 436		9.827 351		0.172 649	9.919 085		**.100**	
	cos	d	cotg	d	tang	sin	d	**56°**	P.P.

	17	16
1	1.7	1.6
2	3.4	3.2
3	5.1	4.8
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5	8.5	8.0
6	10.2	9.6
7	11.9	11.2
8	13.6	12.8
9	15.3	14.4

	12	11
1	1.2	1.1
2	2.4	2.2
3	3.6	3.3
4	4.8	4.4
5	6.0	5.5
6	7.2	6.6
7	8.4	7.7
8	9.6	8.8
9	10.8	9.9

	6	5
1	0.6	0.5
2	1.2	1.0
3	1.8	1.5
4	2.4	2.0
5	3.0	2.5
6	3.6	3.0
7	4.2	3.5
8	4.8	4.0
9	5.4	4.5

56°.150 — 56°.100

33°.900 — 33°.950

33°	sin	d	tang	d	cotg	cos	d		P.P.
.900	9.746 436	11	9.827 351	17	0.172 649	9.919 085	6	.100	
901	9.746 447	11	9.827 368	16	0.172 632	9.919 079	5	099	
902	9.746 458	12	9.827 384	16	0.172 616	9.919 074	5	098	
903	9.746 470	11	9.827 400	17	0.172 600	9.919 069	5	097	
904	9.746 481	11	9.827 417	16	0.172 583	9.919 064	5	096	
905	9.746 492	11	9.827 433	16	0.172 567	9.919 059	5	095	
906	9.746 503	12	9.827 449	17	0.172 551	9.919 054	5	094	
907	9.746 515	11	9.827 466	16	0.172 534	9.919 049	5	093	
908	9.746 526	11	9.827 482	17	0.172 518	9.919 044	5	092	
909	9.746 537	12	9.827 499	16	0.172 501	9.919 039	5	091	
.910	9.746 549	11	9.827 515	16	0.172 485	9.919 034	6	.090	
911	9.746 560	11	9.827 531	17	0.172 469	9.919 028	5	089	
912	9.746 571	11	9.827 548	16	0.172 452	9.919 023	5	088	
913	9.746 582	12	9.827 564	16	0.172 436	9.919 018	5	087	
914	9.746 594	11	9.827 580	17	0.172 420	9.919 013	5	086	
915	9.746 605	11	9.827 597	16	0.172 403	9.919 008	5	085	
916	9.746 616	11	9.827 613	17	0.172 387	9.919 003	5	084	
917	9.746 627	12	9.827 630	16	0.172 370	9.918 998	5	083	
918	9.746 639	11	9.827 646	16	0.172 354	9.918 993	5	082	
919	9.746 650	11	9.827 662	17	0.172 338	9.918 988	5	081	
.920	9.746 661	12	9.827 679	16	0.172 321	9.918 983	5	.080	
921	9.746 673	11	9.827 695	16	0.172 305	9.918 978	6	079	
922	9.746 684	11	9.827 711	17	0.172 289	9.918 972	5	078	
923	9.746 695	11	9.827 728	16	0.172 272	9.918 967	5	077	
924	9.746 706	12	9.827 744	17	0.172 256	9.918 962	5	076	
925	9.746 718	11	9.827 761	16	0.172 239	9.918 957	5	075	
926	9.746 729	11	9.827 777	16	0.172 223	9.918 952	5	074	
927	9.746 740	11	9.827 793	17	0.172 207	9.918 947	5	073	
928	9.746 751	12	9.827 810	16	0.172 190	9.918 942	5	072	
929	9.746 763	11	9.827 826	16	0.172 174	9.918 937	5	071	
.930	9.746 774	11	9.827 842	17	0.172 158	9.918 932	5	.070	
931	9.746 785	12	9.827 859	16	0.172 141	9.918 927	6	069	
932	9.746 797	11	9.827 875	16	0.172 125	9.918 921	5	068	
933	9.746 808	11	9.827 891	17	0.172 109	9.918 916	5	067	
934	9.746 819	11	9.827 908	16	0.172 092	9.918 911	5	066	
935	9.746 830	12	9.827 924	17	0.172 076	9.918 906	5	065	
936	9.746 842	11	9.827 941	16	0.172 059	9.918 901	5	064	
937	9.746 853	11	9.827 957	16	0.172 043	9.918 896	5	063	
938	9.746 864	11	9.827 973	17	0.172 027	9.918 891	5	062	
939	9.746 875	12	9.827 990	16	0.172 010	9.918 886	5	061	
.940	9.746 887	11	9.828 006	16	0.171 994	9.918 881	5	.060	
941	9.746 898	11	9.828 022	17	0.171 978	9.918 876	6	059	
942	9.746 909	11	9.828 039	16	0.171 961	9.918 870	5	058	
943	9.746 920	12	9.828 055	16	0.171 945	9.918 865	5	057	
944	9.746 932	11	9.828 071	17	0.171 929	9.918 860	5	056	
945	9.746 943	11	9.828 088	16	0.171 912	9.918 855	5	055	
946	9.746 954	11	9.828 104	17	0.171 896	9.918 850	5	054	
947	9.746 965	12	9.828 121	16	0.171 879	9.918 845	5	053	
948	9.746 977	11	9.828 137	16	0.171 863	9.918 840	5	052	
949	9.746 988	11	9.828 153	17	0.171 847	9.918 835	5	051	
.950	9.746 999		9.828 170		0.171 830	9.918 830		.050	
	cos	d	cotg	d	tang	sin	d	56°	P.P.

	17	16
1	1.7	1.6
2	3.4	3.2
3	5.1	4.8
4	6.8	6.4
5	8.5	8.0
6	10.2	9.6
7	11.9	11.2
8	13.6	12.8
9	15.3	14.4

	12	11
1	1.2	1.1
2	2.4	2.2
3	3.6	3.3
4	4.8	4.4
5	6.0	5.5
6	7.2	6.6
7	8.4	7.7
8	9.6	8.8
9	10.8	9.9

	6	5
1	0.6	0.5
2	1.2	1.0
3	1.8	1.5
4	2.4	2.0
5	3.0	2.5
6	3.6	3.0
7	4.2	3.5
8	4.8	4.0
9	5.4	4.5

56°.100 — 56°.050

33°.950 — 34°.000

33°	sin	d	tang	d	cotg	cos	d		P.P.
.950	9.746 999	11	9.828 170	16	0.171 830	9.918 830	5	**.050**	
951	9.747 010	12	9.828 186	16	0.171 814	9.918 825	6	049	
952	9.747 022	11	9.828 202	17	0.171 798	9.918 819	5	048	
953	9.747 033	11	9.828 219	16	0.171 781	9.918 814	5	047	
954	9.747 044	12	9.828 235	16	0.171 765	9.918 809	5	046	
955	9.747 056	11	9.828 251	17	0.171 749	9.918 804	5	045	
956	9.747 067	11	9.828 268	16	0.171 732	9.918 799	5	044	
957	9.747 078	11	9.828 284	17	0.171 716	9.918 794	5	043	
958	9.747 089	12	9.828 301	16	0.171 699	9.918 789	5	042	
959	9.747 101	11	9.828 317	16	0.171 683	9.918 784	5	041	
.960	9.747 112	11	9.828 333	17	0.171 667	9.918 779	6	**.040**	
961	9.747 123	11	9.828 350	16	0.171 650	9.918 773	5	039	
962	9.747 134	12	9.828 366	16	0.171 634	9.918 768	5	038	
963	9.747 146	11	9.828 382	17	0.171 618	9.918 763	5	037	
964	9.747 157	11	9.828 399	16	0.171 601	9.918 758	5	036	
965	9.747 168	11	9.828 415	16	0.171 585	9.918 753	5	035	
966	9.747 179	12	9.828 431	17	0.171 569	9.918 748	5	034	
967	9.747 191	11	9.828 448	16	0.171 552	9.918 743	5	033	
968	9.747 202	11	9.828 464	16	0.171 536	9.918 738	5	032	
969	9.747 213	11	9.828 480	17	0.171 520	9.918 733	5	031	
.970	9.747 224	12	9.828 497	16	0.171 503	9.918 728	6	**.030**	
971	9.747 236	11	9.828 513	17	0.171 487	9.918 722	5	029	
972	9.747 247	11	9.828 530	16	0.171 470	9.918 717	5	028	
973	9.747 258	11	9.828 546	16	0.171 454	9.918 712	5	027	
974	9.747 269	12	9.828 562	17	0.171 438	9.918 707	5	026	
975	9.747 281	11	9.828 579	16	0.171 421	9.918 702	5	025	
976	9.747 292	11	9.828 595	16	0.171 405	9.918 697	5	024	
977	9.747 303	11	9.828 611	17	0.171 389	9.918 692	5	023	
978	9.747 314	12	9.828 628	16	0.171 372	9.918 687	5	022	
979	9.747 326	11	9.828 644	16	0.171 356	9.918 682	6	021	
.980	9.747 337	11	9.828 660	17	0.171 340	9.918 676	5	**.020**	
981	9.747 348	11	9.828 677	16	0.171 323	9.918 671	5	019	
982	9.747 359	12	9.828 693	16	0.171 307	9.918 666	5	018	
983	9.747 371	11	9.828 709	17	0.171 291	9.918 661	5	017	
984	9.747 382	11	9.828 726	16	0.171 274	9.918 656	5	016	
985	9.747 393	11	9.828 742	17	0.171 258	9.918 651	5	015	
986	9.747 404	12	9.828 759	16	0.171 241	9.918 646	5	014	
987	9.747 416	11	9.828 775	16	0.171 225	9.918 641	5	013	
988	9.747 427	11	9.828 791	17	0.171 209	9.918 636	6	012	
989	9.747 438	11	9.828 808	16	0.171 192	9.918 630	5	011	
.990	9.747 449	11	9.828 824	16	0.171 176	9.918 625	5	**.010**	
991	9.747 460	12	9.828 840	17	0.171 160	9.918 620	5	009	
992	9.747 472	11	9.828 857	16	0.171 143	9.918 615	5	008	
993	9.747 483	11	9.828 873	16	0.171 127	9.918 610	5	007	
994	9.747 494	11	9.828 889	17	0.171 111	9.918 605	5	006	
995	9.747 505	12	9.828 906	16	0.171 094	9.918 600	5	005	
996	9.747 517	11	9.828 922	16	0.171 078	9.918 595	5	004	
997	9.747 528	11	9.828 938	17	0.171 062	9.918 590	6	003	
998	9.747 539	11	9.828 955	16	0.171 045	9.918 584	5	002	
999	9.747 550	12	9.828 971	16	0.171 029	9.918 579	5	001	
*000	9.747 562		9.828 987		0.171 013	9.918 574		**.000**	
	cos	d	cotg	d	tang	sin	d	**56°**	P.P.

	17	16
1	1.7	1.6
2	3.4	3.2
3	5.1	4.8
4	6.8	6.4
5	8.5	8.0
6	10.2	9.6
7	11.9	11.2
8	13.6	12.8
9	15.3	14.4

	12	11
1	1.2	1.1
2	2.4	2.2
3	3.6	3.3
4	4.8	4.4
5	6.0	5.5
6	7.2	6.6
7	8.4	7.7
8	9.6	8.8
9	10.8	9.9

	6	5
1	0.6	0.5
2	1.2	1.0
3	1.8	1.5
4	2.4	2.0
5	3.0	2.5
6	3.6	3.0
7	4.2	3.5
8	4.8	4.0
9	5.4	4.5

56°.050 — 56°.000

34°.000 — 34°.050

34°	sin	d	tang	d	cotg	cos	d		P.P.
.000	9.747 562	11	9.828 987	17	0.171 013	9.918 574	5	*000	
001	9.747 573	11	9.829 004	16	0.170 996	9.918 569	5	999	
002	9.747 584	11	9.829 020	16	0.170 980	9.918 564	5	998	
003	9.747 595	12	9.829 036	17	0.170 964	9.918 559	5	997	
004	9.747 607	11	9.829 053	16	0.170 947	9.918 554	5	996	
005	9.747 618	11	9.829 069	17	0.170 931	9.918 549	5	995	
006	9.747 629	11	9.829 086	16	0.170 914	9.918 544	6	994	
007	9.747 640	12	9.829 102	16	0.170 898	9.918 538	5	993	
008	9.747 652	11	9.829 118	17	0.170 882	9.918 533	5	992	
009	9.747 663	11	9.829 135	16	0.170 865	9.918 528	5	991	
.010	9.747 674	11	9.829 151	16	0.170 849	9.918 523	5	**.990**	
011	9.747 685	11	9.829 167	17	0.170 833	9.918 518	5	989	
012	9.747 696	12	9.829 184	16	0.170 816	9.918 513	5	988	
013	9.747 708	11	9.829 200	16	0.170 800	9.918 508	5	987	
014	9.747 719	11	9.829 216	17	0.170 784	9.918 503	5	986	
015	9.747 730	11	9.829 233	16	0.170 767	9.918 498	6	985	
016	9.747 741	12	9.829 249	16	0.170 751	9.918 492	5	984	
017	9.747 753	11	9.829 265	17	0.170 735	9.918 487	5	983	
018	9.747 764	11	9.829 282	16	0.170 718	9.918 482	5	982	
019	9.747 775	11	9.829 298	16	0.170 702	9.918 477	5	981	
.020	9.747 786	12	9.829 314	17	0.170 686	9.918 472	5	**.980**	
021	9.747 798	11	9.829 331	16	0.170 669	9.918 467	5	979	
022	9.747 809	11	9.829 347	16	0.170 653	9.918 462	5	978	
023	9.747 820	11	9.829 363	17	0.170 637	9.918 457	6	977	
024	9.747 831	11	9.829 380	16	0.170 620	9.918 451	5	976	
025	9.747 842	12	9.829 396	16	0.170 604	9.918 446	5	975	
026	9.747 854	11	9.829 412	17	0.170 588	9.918 441	5	974	
027	9.747 865	11	9.829 429	16	0.170 571	9.918 436	5	973	
028	9.747 876	11	9.829 445	16	0.170 555	9.918 431	5	972	
029	9.747 887	12	9.829 461	17	0.170 539	9.918 426	5	971	
.030	9.747 899	11	9.829 478	16	0.170 522	9.918 421	5	**.970**	
031	9.747 910	11	9.829 494	17	0.170 506	9.918 416	5	969	
032	9.747 921	11	9.829 511	16	0.170 489	9.918 411	6	968	
033	9.747 932	11	9.829 527	16	0.170 473	9.918 405	5	967	
034	9.747 943	12	9.829 543	17	0.170 457	9.918 400	5	966	
035	9.747 955	11	9.829 560	16	0.170 440	9.918 395	5	965	
036	9.747 966	11	9.829 576	16	0.170 424	9.918 390	5	964	
037	9.747 977	11	9.829 592	17	0.170 408	9.918 385	5	963	
038	9.747 988	12	9.829 609	16	0.170 391	9.918 380	5	962	
039	9.748 000	11	9.829 625	16	0.170 375	9.918 375	5	961	
.040	9.748 011	11	9.829 641	17	0.170 359	9.918 370	6	**.960**	
041	9.748 022	11	9.829 658	16	0.170 342	9.918 364	5	959	
042	9.748 033	11	9.829 674	16	0.170 326	9.918 359	5	958	
043	9.748 044	12	9.829 690	17	0.170 310	9.918 354	5	957	
044	9.748 056	11	9.829 707	16	0.170 293	9.918 349	5	956	
045	9.748 067	11	9.829 723	16	0.170 277	9.918 344	5	955	
046	9.748 078	11	9.829 739	17	0.170 261	9.918 339	5	954	
047	9.748 089	12	9.829 756	16	0.170 244	9.918 334	5	953	
048	9.748 101	11	9.829 772	16	0.170 228	9.918 329	6	952	
049	9.748 112	11	9.829 788	17	0.170 212	9.918 323	5	951	
.050	9.748 123		9.829 805		0.170 195	9.918 318		**.950**	
	cos	d	cotg	d	tang	sin	d	**55°**	P.P.

	17	16
1	1.7	1.6
2	3.4	3.2
3	5.1	4.8
4	6.8	6.4
5	8.5	8.0
6	10.2	9.6
7	11.9	11.2
8	13.6	12.8
9	15.3	14.4

	12	11
1	1.2	1.1
2	2.4	2.2
3	3.6	3.3
4	4.8	4.4
5	6.0	5.5
6	7.2	6.6
7	8.4	7.7
8	9.6	8.8
9	10.8	9.9

	6	5
1	0.6	0.5
2	1.2	1.0
3	1.8	1.5
4	2.4	2.0
5	3.0	2.5
6	3.6	3.0
7	4.2	3.5
8	4.8	4.0
9	5.4	4.5

56°.000 — 55°.950

34°.050 — 34°.100

34°	sin	d	tang	d	cotg	cos	d		P.P.
.050	9.748 123	11	9.829 805	16	0.170 195	9.918 318	5	**.950**	
051	9.748 134	11	9.829 821	16	0.170 179	9.918 313	5	949	
052	9.748 145	12	9.829 837	17	0.170 163	9.918 308	5	948	
053	9.748 157	11	9.829 854	16	0.170 146	9.918 303	5	947	
054	9.748 168	11	9.829 870	16	0.170 130	9.918 298	5	946	
055	9.748 179	11	9.829 886	17	0.170 114	9.918 293	5	945	
056	9.748 190	12	9.829 903	16	0.170 097	9.918 288	6	944	
057	9.748 202	11	9.829 919	16	0.170 081	9.918 282	5	943	
058	9.748 213	11	9.829 935	17	0.170 065	9.918 277	5	942	
059	9.748 224	11	9.829 952	16	0.170 048	9.918 272	5	941	
.060	9.748 235	11	9.829 968	16	0.170 032	9.918 267	5	**.940**	
061	9.748 246	12	9.829 984	17	0.170 016	9.918 262	5	939	
062	9.748 258	11	9.830 001	16	0.169 999	9.918 257	5	938	
063	9.748 269	11	9.830 017	16	0.169 983	9.918 252	5	937	
064	9.748 280	11	9.830 033	17	0.169 967	9.918 247	6	936	
065	9.748 291	11	9.830 050	16	0.169 950	9.918 241	5	935	
066	9.748 302	12	9.830 066	16	0.169 934	9.918 236	5	934	
067	9.748 314	11	9.830 082	17	0.169 918	9.918 231	5	933	
068	9.748 325	11	9.830 099	16	0.169 901	9.918 226	5	932	
069	9.748 336	11	9.830 115	16	0.169 885	9.918 221	5	931	
.070	9.748 347	11	9.830 131	17	0.169 869	9.918 216	5	**.930**	
071	9.748 358	12	9.830 148	16	0.169 852	9.918 211	5	929	
072	9.748 370	11	9.830 164	16	0.169 836	9.918 206	6	928	
073	9.748 381	11	9.830 180	17	0.169 820	9.918 200	5	927	
074	9.748 392	11	9.830 197	16	0.169 803	9.918 195	5	926	
075	9.748 403	11	9.830 213	16	0.169 787	9.918 190	5	925	
076	9.748 414	12	9.830 229	17	0.169 771	9.918 185	5	924	
077	9.748 426	11	9.830 246	16	0.169 754	9.918 180	5	923	
078	9.748 437	11	9.830 262	16	0.169 738	9.918 175	5	922	
079	9.748 448	11	9.830 278	17	0.169 722	9.918 170	5	921	
.080	9.748 459	12	9.830 295	16	0.169 705	9.918 165	6	**.920**	
081	9.748 471	11	9.830 311	16	0.169 689	9.918 159	5	919	
082	9.748 482	11	9.830 327	17	0.169 673	9.918 154	5	918	
083	9.748 493	11	9.830 344	16	0.169 656	9.918 149	5	917	
084	9.748 504	11	9.830 360	16	0.169 640	9.918 144	5	916	
085	9.748 515	12	9.830 376	17	0.169 624	9.918 139	5	915	
086	9.748 527	11	9.830 393	16	0.169 607	9.918 134	5	914	
087	9.748 538	11	9.830 409	16	0.169 591	9.918 129	5	913	
088	9.748 549	11	9.830 425	17	0.169 575	9.918 124	6	912	
089	9.748 560	11	9.830 442	16	0.169 558	9.918 118	5	911	
.090	9.748 571	12	9.830 458	16	0.169 542	9.918 113	5	**.910**	
091	9.748 583	11	9.830 474	17	0.169 526	9.918 108	5	909	
092	9.748 594	11	9.830 491	16	0.169 509	9.918 103	5	908	
093	9.748 605	11	9.830 507	16	0.169 493	9.918 098	5	907	
094	9.748 616	11	9.830 523	17	0.169 477	9.918 093	5	906	
095	9.748 627	12	9.830 540	16	0.169 460	9.918 088	5	905	
096	9.748 639	11	9.830 556	16	0.169 444	9.918 083	6	904	
097	9.748 650	11	9.830 572	17	0.169 428	9.918 077	5	903	
098	9.748 661	11	9.830 589	16	0.169 411	9.918 072	5	902	
099	9.748 672	11	9.830 605	16	0.169 395	9.918 067	5	901	
.100	9.748 683		9.830 621		0.169 379	9.918 062		**.900**	
	cos	d	cotg	d	tang	sin	d	**55°**	P.P.

	17	16
1	1.7	1.6
2	3.4	3.2
3	5.1	4.8
4	6.8	6.4
5	8.5	8.0
6	10.2	9.6
7	11.9	11.2
8	13.6	12.8
9	15.3	14.4

	12	11
1	1.2	1.1
2	2.4	2.2
3	3.6	3.3
4	4.8	4.4
5	6.0	5.5
6	7.2	6.6
7	8.4	7.7
8	9.6	8.8
9	10.8	9.9

	6	5
1	0.6	0.5
2	1.2	1.0
3	1.8	1.5
4	2.4	2.0
5	3.0	2.5
6	3.6	3.0
7	4.2	3.5
8	4.8	4.0
9	5.4	4.5

55°.950 — 55°.900

34°.100 — 34°.150

34°	sin	d	tang	d	cotg	cos	d		P.P.
.100	9.748 683	11	9.830 621	17	0.169 379	9.918 062	5	.900	
101	9.748 694	12	9.830 638	16	0.169 362	9.918 057	5	899	
102	9.748 706	11	9.830 654	16	0.169 346	9.918 052	5	898	
103	9.748 717	11	9.830 670	17	0.169 330	9.918 047	6	897	
104	9.748 728	11	9.830 687	16	0.169 313	9.918 041	5	896	
105	9.748 739	11	9.830 703	16	0.169 297	9.918 036	5	895	
106	9.748 750	12	9.830 719	17	0.169 281	9.918 031	5	894	
107	9.748 762	11	9.830 736	16	0.169 264	9.918 026	5	893	
108	9.748 773	11	9.830 752	16	0.169 248	9.918 021	5	892	
109	9.748 784	11	9.830 768	17	0.169 232	9.918 016	5	891	
.110	9.748 795	11	9.830 785	16	0.169 215	9.918 011	5	.890	
111	9.748 806	12	9.830 801	16	0.169 199	9.918 006	6	889	
112	9.748 818	11	9.830 817	17	0.169 183	9.918 000	5	888	
113	9.748 829	11	9.830 834	16	0.169 166	9.917 995	5	887	
114	9.748 840	11	9.830 850	16	0.169 150	9.917 990	5	886	
115	9.748 851	11	9.830 866	17	0.169 134	9.917 985	5	885	
116	9.748 862	12	9.830 883	16	0.169 117	9.917 980	5	884	
117	9.748 874	11	9.830 899	16	0.169 101	9.917 975	5	883	
118	9.748 885	11	9.830 915	16	0.169 085	9.917 970	6	882	
119	9.748 896	11	9.830 931	17	0.169 069	9.917 964	5	881	
.120	9.748 907	11	9.830 948	16	0.169 052	9.917 959	5	.880	
121	9.748 918	11	9.830 964	16	0.169 036	9.917 954	5	879	
122	9.748 929	12	9.830 980	17	0.169 020	9.917 949	5	878	
123	9.748 941	11	9.830 997	16	0.169 003	9.917 944	5	877	
124	9.748 952	11	9.831 013	16	0.168 987	9.917 939	5	876	
125	9.748 963	11	9.831 029	17	0.168 971	9.917 934	6	875	
126	9.748 974	11	9.831 046	16	0.168 954	9.917 928	5	874	
127	9.748 985	12	9.831 062	16	0.168 938	9.917 923	5	873	
128	9.748 997	11	9.831 078	17	0.168 922	9.917 918	5	872	
129	9.749 008	11	9.831 095	16	0.168 905	9.917 913	5	871	
.130	9.749 019	11	9.831 111	16	0.168 889	9.917 908	5	.870	
131	9.749 030	11	9.831 127	17	0.168 873	9.917 903	5	869	
132	9.749 041	12	9.831 144	16	0.168 856	9.917 898	5	868	
133	9.749 053	11	9.831 160	16	0.168 840	9.917 893	6	867	
134	9.749 064	11	9.831 176	17	0.168 824	9.917 887	5	866	
135	9.749 075	11	9.831 193	16	0.168 807	9.917 882	5	865	
136	9.749 086	11	9.831 209	16	0.168 791	9.917 877	5	864	
137	9.749 097	11	9.831 225	17	0.168 775	9.917 872	5	863	
138	9.749 108	12	9.831 242	16	0.168 758	9.917 867	5	862	
139	9.749 120	11	9.831 258	16	0.168 742	9.917 862	5	861	
.140	9.749 131	11	9.831 274	17	0.168 726	9.917 857	6	.860	
141	9.749 142	11	9.831 291	16	0.168 709	9.917 851	5	859	
142	9.749 153	11	9.831 307	16	0.168 693	9.917 846	5	858	
143	9.749 164	11	9.831 323	17	0.168 677	9.917 841	5	857	
144	9.749 175	12	9.831 340	16	0.168 660	9.917 836	5	856	
145	9.749 187	11	9.831 356	16	0.168 644	9.917 831	5	855	
146	9.749 198	11	9.831 372	16	0.168 628	9.917 826	5	854	
147	9.749 209	11	9.831 388	17	0.168 612	9.917 821	6	853	
148	9.749 220	11	9.831 405	16	0.168 595	9.917 815	5	852	
149	9.749 231	12	9.831 421	16	0.168 579	9.917 810	5	851	
.150	9.749 243		9.831 437		0.168 563	9.917 805		.850	
	cos	d	cotg	d	tang	sin	d	55°	P.P.

	17	16
1	1.7	1.6
2	3.4	3.2
3	5.1	4.8
4	6.8	6.4
5	8.5	8.0
6	10.2	9.6
7	11.9	11.2
8	13.6	12.8
9	15.3	14.4

	12	11
1	1.2	1.1
2	2.4	2.2
3	3.6	3.3
4	4.8	4.4
5	6.0	5.5
6	7.2	6.6
7	8.4	7.7
8	9.6	8.8
9	10.8	9.9

	6	5
1	0.6	0.5
2	1.2	1.0
3	1.8	1.5
4	2.4	2.0
5	3.0	2.5
6	3.6	3.0
7	4.2	3.5
8	4.8	4.0
9	5.4	4.5

55°.900 — 55°.850

34°.150 — 34°.200

34°	sin	d	tang	d	cotg	cos	d		P.P.
.150	9.749 243	11	9.831 437	17	0.168 563	9.917 805	5	.850	
151	9.749 254	11	9.831 454	16	0.168 546	9.917 800	5	849	
152	9.749 265	11	9.831 470	16	0.168 530	9.917 795	5	848	
153	9.749 276	11	9.831 486	17	0.168 514	9.917 790	5	847	
154	9.749 287	11	9.831 503	16	0.168 497	9.917 785	6	846	
155	9.749 298	12	9.831 519	16	0.168 481	9.917 779	5	845	
156	9.749 310	11	9.831 535	17	0.168 465	9.917 774	5	844	
157	9.749 321	11	9.831 552	16	0.168 448	9.917 769	5	843	
158	9.749 332	11	9.831 568	16	0.168 432	9.917 764	5	842	
159	9.749 343	11	9.831 584	17	0.168 416	9.917 759	5	841	
.160	9.749 354	11	9.831 601	16	0.168 399	9.917 754	5	.840	
161	9.749 365	12	9.831 617	16	0.168 383	9.917 749	6	839	
162	9.749 377	11	9.831 633	16	0.168 367	9.917 743	5	838	
163	9.749 388	11	9.831 649	17	0.168 351	9.917 738	5	837	
164	9.749 399	11	9.831 666	16	0.168 334	9.917 733	5	836	
165	9.749 410	11	9.831 682	16	0.168 318	9.917 728	5	835	
166	9.749 421	11	9.831 698	17	0.168 302	9.917 723	5	834	
167	9.749 432	12	9.831 715	16	0.168 285	9.917 718	5	833	
168	9.749 444	11	9.831 731	16	0.168 269	9.917 713	6	832	
169	9.749 455	11	9.831 747	17	0.168 253	9.917 707	5	831	
.170	9.749 466	11	9.831 764	16	0.168 236	9.917 702	5	.830	
171	9.749 477	11	9.831 780	16	0.168 220	9.917 697	5	829	
172	9.749 488	11	9.831 796	17	0.168 204	9.917 692	5	828	
173	9.749 499	12	9.831 813	16	0.168 187	9.917 687	5	827	
174	9.749 511	11	9.831 829	16	0.168 171	9.917 682	5	826	
175	9.749 522	11	9.831 845	17	0.168 155	9.917 677	6	825	
176	9.749 533	11	9.831 862	16	0.168 138	9.917 671	5	824	
177	9.749 544	11	9.831 878	16	0.168 122	9.917 666	5	823	
178	9.749 555	11	9.831 894	16	0.168 106	9.917 661	5	822	
179	9.749 566	12	9.831 910	17	0.168 090	9.917 656	5	821	
.180	9.749 578	11	9.831 927	16	0.168 073	9.917 651	5	.820	
181	9.749 589	11	9.831 943	16	0.168 057	9.917 646	5	819	
182	9.749 600	11	9.831 959	17	0.168 041	9.917 641	6	818	
183	9.749 611	11	9.831 976	16	0.168 024	9.917 635	5	817	
184	9.749 622	11	9.831 992	16	0.168 008	9.917 630	5	816	
185	9.749 633	12	9.832 008	17	0.167 992	9.917 625	5	815	
186	9.749 645	11	9.832 025	16	0.167 975	9.917 620	5	814	
187	9.749 656	11	9.832 041	16	0.167 959	9.917 615	5	813	
188	9.749 667	11	9.832 057	17	0.167 943	9.917 610	6	812	
189	9.749 678	11	9.832 074	16	0.167 926	9.917 604	5	811	
.190	9.749 689	11	9.832 090	16	0.167 910	9.917 599	5	.810	
191	9.749 700	12	9.832 106	16	0.167 894	9.917 594	5	809	
192	9.749 712	11	9.832 122	17	0.167 878	9.917 589	5	808	
193	9.749 723	11	9.832 139	16	0.167 861	9.917 584	5	807	
194	9.749 734	11	9.832 155	16	0.167 845	9.917 579	5	806	
195	9.749 745	11	9.832 171	17	0.167 829	9.917 574	6	805	
196	9.749 756	11	9.832 188	16	0.167 812	9.917 568	5	804	
197	9.749 767	11	9.832 204	16	0.167 796	9.917 563	5	803	
198	9.749 778	12	9.832 220	17	0.167 780	9.917 558	5	802	
199	9.749 790	11	9.832 237	16	0.167 763	9.917 553	5	801	
.200	9.749 801		9.832 253		0.167 747	9.917 548		.800	
	cos	d	cotg	d	tang	sin	d	55°	P.P.

	17	16
1	1.7	1.6
2	3.4	3.2
3	5.1	4.8
4	6.8	6.4
5	8.5	8.0
6	10.2	9.6
7	11.9	11.2
8	13.6	12.8
9	15.3	14.4

	12	11
1	1.2	1.1
2	2.4	2.2
3	3.6	3.3
4	4.8	4.4
5	6.0	5.5
6	7.2	6.6
7	8.4	7.7
8	9.6	8.8
9	10.8	9.9

	6	5
1	0.6	0.5
2	1.2	1.0
3	1.8	1.5
4	2.4	2.0
5	3.0	2.5
6	3.6	3.0
7	4.2	3.5
8	4.8	4.0
9	5.4	4.5

55°.850 — 55°.800

34°.200 — 34°.250

34°	sin	d	tang	d	cotg	cos	d		P.P.
.200	9.749 801	11	9.832 253	16	0.167 747	9.917 548	5	.800	
201	9.749 812	11	9.832 269	17	0.167 731	9.917 543	5	799	
202	9.749 823	11	9.832 286	16	0.167 714	9.917 538	6	798	
203	9.749 834	11	9.832 302	16	0.167 698	9.917 532	5	797	
204	9.749 845	12	9.832 318	16	0.167 682	9.917 527	5	796	
205	9.749 857	11	9.832 334	17	0.167 666	9.917 522	5	795	
206	9.749 868	11	9.832 351	16	0.167 649	9.917 517	5	794	
207	9.749 879	11	9.832 367	16	0.167 633	9.917 512	5	793	
208	9.749 890	11	9.832 383	17	0.167 617	9.917 507	6	792	
209	9.749 901	11	9.832 400	16	0.167 600	9.917 501	5	791	
.210	9.749 912	11	9.832 416	16	0.167 584	9.917 496	5	.790	
211	9.749 923	12	9.832 432	17	0.167 568	9.917 491	5	789	
212	9.749 935	11	9.832 449	16	0.167 551	9.917 486	5	788	
213	9.749 946	11	9.832 465	16	0.167 535	9.917 481	5	787	
214	9.749 957	11	9.832 481	16	0.167 519	9.917 476	5	786	
215	9.749 968	11	9.832 497	17	0.167 503	9.917 471	6	785	
216	9.749 979	11	9.832 514	16	0.167 486	9.917 465	5	784	
217	9.749 990	11	9.832 530	16	0.167 470	9.917 460	5	783	
218	9.750 001	12	9.832 546	17	0.167 454	9.917 455	5	782	
219	9.750 013	11	9.832 563	16	0.167 437	9.917 450	5	781	
.220	9.750 024	11	9.832 579	16	0.167 421	9.917 445	5	.780	
221	9.750 035	11	9.832 595	17	0.167 405	9.917 440	6	779	
222	9.750 046	11	9.832 612	16	0.167 388	9.917 434	5	778	
223	9.750 057	11	9.832 628	16	0.167 372	9.917 429	5	777	
224	9.750 068	11	9.832 644	16	0.167 356	9.917 424	5	776	
225	9.750 079	12	9.832 660	17	0.167 340	9.917 419	5	775	
226	9.750 091	11	9.832 677	16	0.167 323	9.917 414	5	774	
227	9.750 102	11	9.832 693	16	0.167 307	9.917 409	5	773	
228	9.750 113	11	9.832 709	17	0.167 291	9.917 404	6	772	
229	9.750 124	11	9.832 726	16	0.167 274	9.917 398	5	771	
.230	9.750 135	11	9.832 742	16	0.167 258	9.917 393	5	.770	
231	9.750 146	11	9.832 758	17	0.167 242	9.917 388	5	769	
232	9.750 157	12	9.832 775	16	0.167 225	9.917 383	5	768	
233	9.750 169	11	9.832 791	16	0.167 209	9.917 378	5	767	
234	9.750 180	11	9.832 807	16	0.167 193	9.917 373	6	766	
235	9.750 191	11	9.832 823	17	0.167 177	9.917 367	5	765	
236	9.750 202	11	9.832 840	16	0.167 160	9.917 362	5	764	
237	9.750 213	11	9.832 856	16	0.167 144	9.917 357	5	763	
238	9.750 224	11	9.832 872	17	0.167 128	9.917 352	5	762	
239	9.750 235	12	9.832 889	16	0.167 111	9.917 347	5	761	
.240	9.750 247	11	9.832 905	16	0.167 095	9.917 342	6	.760	
241	9.750 258	11	9.832 921	17	0.167 079	9.917 336	5	759	
242	9.750 269	11	9.832 938	16	0.167 062	9.917 331	5	758	
243	9.750 280	11	9.832 954	16	0.167 046	9.917 326	5	757	
244	9.750 291	11	9.832 970	16	0.167 030	9.917 321	5	756	
245	9.750 302	11	9.832 986	17	0.167 014	9.917 316	5	755	
246	9.750 313	11	9.833 003	16	0.166 997	9.917 311	6	754	
247	9.750 324	12	9.833 019	16	0.166 981	9.917 305	5	753	
248	9.750 336	11	9.833 035	17	0.166 965	9.917 300	5	752	
249	9.750 347	11	9.833 052	16	0.166 948	9.917 295	5	751	
.250	9.750 358		9.833 068		0.166 932	9.917 290		.750	
	cos	d	cotg	d	tang	sin	d	55°	P.P.

	17	16
1	1.7	1.6
2	3.4	3.2
3	5.1	4.8
4	6.8	6.4
5	8.5	8.0
6	10.2	9.6
7	11.9	11.2
8	13.6	12.8
9	15.3	14.4

	12	11
1	1.2	1.1
2	2.4	2.2
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4	4.8	4.4
5	6.0	5.5
6	7.2	6.6
7	8.4	7.7
8	9.6	8.8
9	10.8	9.9

	6	5
1	0.6	0.5
2	1.2	1.0
3	1.8	1.5
4	2.4	2.0
5	3.0	2.5
6	3.6	3.0
7	4.2	3.5
8	4.8	4.0
9	5.4	4.5

55°.800 — 55°.750

34°.250 — 34°.300

34°	sin	d	tang	d	cotg	cos	d		P.P.
.250	9.750 358	11	9.833 068	16	0.166 932	9.917 290	5	**.750**	
251	9.750 369	11	9.833 084	16	0.166 916	9.917 285	5	749	
252	9.750 380	11	9.833 100	17	0.166 900	9.917 280	5	748	
253	9.750 391	11	9.833 117	16	0.166 883	9.917 275	6	747	
254	9.750 402	12	9.833 133	16	0.166 867	9.917 269	5	746	
255	9.750 414	11	9.833 149	17	0.166 851	9.917 264	5	745	
256	9.750 425	11	9.833 166	16	0.166 834	9.917 259	5	744	
257	9.750 436	11	9.833 182	16	0.166 818	9.917 254	5	743	
258	9.750 447	11	9.833 198	17	0.166 802	9.917 249	5	742	
259	9.750 458	11	9.833 215	16	0.166 785	9.917 244	6	741	
.260	9.750 469	11	9.833 231	16	0.166 769	9.917 238	5	**.740**	
261	9.750 480	11	9.833 247	16	0.166 753	9.917 233	5	739	
262	9.750 491	11	9.833 263	17	0.166 737	9.917 228	5	738	
263	9.750 503	12	9.833 280	16	0.166 720	9.917 223	5	737	
264	9.750 514	11	9.833 296	16	0.166 704	9.917 218	5	736	
265	9.750 525	11	9.833 312	17	0.166 688	9.917 213	6	735	
266	9.750 536	11	9.833 329	16	0.166 671	9.917 207	5	734	
267	9.750 547	11	9.833 345	16	0.166 655	9.917 202	5	733	
268	9.750 558	11	9.833 361	16	0.166 639	9.917 197	5	732	
269	9.750 569	11	9.833 377	17	0.166 623	9.917 192	5	731	
.270	9.750 580	12	9.833 394	16	0.166 606	9.917 187	5	**.730**	
271	9.750 592	11	9.833 410	16	0.166 590	9.917 182	6	729	
272	9.750 603	11	9.833 426	17	0.166 574	9.917 176	5	728	
273	9.750 614	11	9.833 443	16	0.166 557	9.917 171	5	727	
274	9.750 625	11	9.833 459	16	0.166 541	9.917 166	5	726	
275	9.750 636	11	9.833 475	16	0.166 525	9.917 161	5	725	
276	9.750 647	11	9.833 491	17	0.166 509	9.917 156	5	724	
277	9.750 658	11	9.833 508	16	0.166 492	9.917 151	6	723	
278	9.750 669	11	9.833 524	16	0.166 476	9.917 145	5	722	
279	9.750 681	12	9.833 540	17	0.166 460	9.917 140	5	721	
.280	9.750 692	11	9.833 557	16	0.166 443	9.917 135	5	**.720**	
281	9.750 703	11	9.833 573	16	0.166 427	9.917 130	5	719	
282	9.750 714	11	9.833 589	16	0.166 411	9.917 125	5	718	
283	9.750 725	11	9.833 605	17	0.166 395	9.917 120	6	717	
284	9.750 736	11	9.833 622	16	0.166 378	9.917 114	5	716	
285	9.750 747	11	9.833 638	16	0.166 362	9.917 109	5	715	
286	9.750 758	12	9.833 654	17	0.166 346	9.917 104	5	714	
287	9.750 770	11	9.833 671	16	0.166 329	9.917 099	5	713	
288	9.750 781	11	9.833 687	16	0.166 313	9.917 094	5	712	
289	9.750 792	11	9.833 703	16	0.166 297	9.917 089	6	711	
.290	9.750 803	11	9.833 719	17	0.166 281	9.917 083	5	**.710**	
291	9.750 814	11	9.833 736	16	0.166 264	9.917 078	5	709	
292	9.750 825	11	9.833 752	16	0.166 248	9.917 073	5	708	
293	9.750 836	11	9.833 768	17	0.166 232	9.917 068	5	707	
294	9.750 847	11	9.833 785	16	0.166 215	9.917 063	5	706	
295	9.750 858	12	9.833 801	16	0.166 199	9.917 058	6	705	
296	9.750 870	11	9.833 817	16	0.166 183	9.917 052	5	704	
297	9.750 881	11	9.833 833	17	0.166 167	9.917 047	5	703	
298	9.750 892	11	9.833 850	16	0.166 150	9.917 042	5	702	
299	9.750 903	11	9.833 866	16	0.166 134	9.917 037	5	701	
.300	9.750 914		9.833 882		0.166 118	9.917 032		**.700**	
	cos	d	cotg	d	tang	sin	d	**55°**	P.P.

	17	16
1	1.7	1.6
2	3.4	3.2
3	5.1	4.8
4	6.8	6.4
5	8.5	8.0
6	10.2	9.6
7	11.9	11.2
8	13.6	12.8
9	15.3	14.4

	12	11
1	1.2	1.1
2	2.4	2.2
3	3.6	3.3
4	4.8	4.4
5	6.0	5.5
6	7.2	6.6
7	8.4	7.7
8	9.6	8.8
9	10.8	9.9

	6	5
1	0.6	0.5
2	1.2	1.0
3	1.8	1.5
4	2.4	2.0
5	3.0	2.5
6	3.6	3.0
7	4.2	3.5
8	4.8	4.0
9	5.4	4.5

55°.750 — 55°.700

34°.300 — 34°.350

34°	sin	d	tang	d	cotg	cos	d		P.P.
.300	9.750 914	11	9.833 882	17	0.166 118	9.917 032	5	.700	
301	9.750 925	11	9.833 899	16	0.166 101	9.917 027	6	699	
302	9.750 936	11	9.833 915	16	0.166 085	9.917 021	5	698	
303	9.750 947	11	9.833 931	16	0.166 069	9.917 016	5	697	
304	9.750 958	12	9.833 947	17	0.166 053	9.917 011	5	696	
305	9.750 970	11	9.833 964	16	0.166 036	9.917 006	5	695	
306	9.750 981	11	9.833 980	16	0.166 020	9.917 001	5	694	
307	9.750 992	11	9.833 996	17	0.166 004	9.916 996	6	693	
308	9.751 003	11	9.834 013	16	0.165 987	9.916 990	5	692	
309	9.751 014	11	9.834 029	16	0.165 971	9.916 985	5	691	
.310	9.751 025	11	9.834 045	16	0.165 955	9.916 980	5	.690	
311	9.751 036	11	9.834 061	17	0.165 939	9.916 975	5	689	
312	9.751 047	11	9.834 078	16	0.165 922	9.916 970	6	688	
313	9.751 058	12	9.834 094	16	0.165 906	9.916 964	5	687	
314	9.751 070	11	9.834 110	16	0.165 890	9.916 959	5	686	
315	9.751 081	11	9.834 126	17	0.165 874	9.916 954	5	685	
316	9.751 092	11	9.834 143	16	0.165 857	9.916 949	5	684	
317	9.751 103	11	9.834 159	16	0.165 841	9.916 944	5	683	
318	9.751 114	11	9.834 175	17	0.165 825	9.916 939	6	682	
319	9.751 125	11	9.834 192	16	0.165 808	9.916 933	5	681	
.320	9.751 136	11	9.834 208	16	0.165 792	9.916 928	5	.680	
321	9.751 147	11	9.834 224	16	0.165 776	9.916 923	5	679	
322	9.751 158	11	9.834 240	17	0.165 760	9.916 918	5	678	
323	9.751 169	12	9.834 257	16	0.165 743	9.916 913	5	677	
324	9.751 181	11	9.834 273	16	0.165 727	9.916 908	6	676	
325	9.751 192	11	9.834 289	17	0.165 711	9.916 902	5	675	
326	9.751 203	11	9.834 306	16	0.165 694	9.916 897	5	674	
327	9.751 214	11	9.834 322	16	0.165 678	9.916 892	5	673	
328	9.751 225	11	9.834 338	16	0.165 662	9.916 887	5	672	
329	9.751 236	11	9.834 354	17	0.165 646	9.916 882	5	671	
.330	9.751 247	11	9.834 371	16	0.165 629	9.916 877	6	.670	
331	9.751 258	11	9.834 387	16	0.165 613	9.916 871	5	669	
332	9.751 269	11	9.834 403	16	0.165 597	9.916 866	5	668	
333	9.751 280	12	9.834 419	17	0.165 581	9.916 861	5	667	
334	9.751 292	11	9.834 436	16	0.165 564	9.916 856	5	666	
335	9.751 303	11	9.834 452	16	0.165 548	9.916 851	6	665	
336	9.751 314	11	9.834 468	17	0.165 532	9.916 845	5	664	
337	9.751 325	11	9.834 485	16	0.165 515	9.916 840	5	663	
338	9.751 336	11	9.834 501	16	0.165 499	9.916 835	5	662	
339	9.751 347	11	9.834 517	16	0.165 483	9.916 830	5	661	
.340	9.751 358	11	9.834 533	17	0.165 467	9.916 825	5	.660	
341	9.751 369	11	9.834 550	16	0.165 450	9.916 820	6	659	
342	9.751 380	11	9.834 566	16	0.165 434	9.916 814	5	658	
343	9.751 391	12	9.834 582	16	0.165 418	9.916 809	5	657	
344	9.751 403	11	9.834 598	17	0.165 402	9.916 804	5	656	
345	9.751 414	11	9.834 615	16	0.165 385	9.916 799	5	655	
346	9.751 425	11	9.834 631	16	0.165 369	9.916 794	6	654	
347	9.751 436	11	9.834 647	17	0.165 353	9.916 788	5	653	
348	9.751 447	11	9.834 664	16	0.165 336	9.916 783	5	652	
349	9.751 458	11	9.834 680	16	0.165 320	9.916 778	5	651	
.350	9.751 469		9.834 696		0.165 304	9.916 773		.650	
	cos	d	cotg	d	tang	sin	d	55°	P.P.

	17	16
1	1.7	1.6
2	3.4	3.2
3	5.1	4.8
4	6.8	6.4
5	8.5	8.0
6	10.2	9.6
7	11.9	11.2
8	13.6	12.8
9	15.3	14.4

	12	11
1	1.2	1.1
2	2.4	2.2
3	3.6	3.3
4	4.8	4.4
5	6.0	5.5
6	7.2	6.6
7	8.4	7.7
8	9.6	8.8
9	10.8	9.9

	6	5
1	0.6	0.5
2	1.2	1.0
3	1.8	1.5
4	2.4	2.0
5	3.0	2.5
6	3.6	3.0
7	4.2	3.5
8	4.8	4.0
9	5.4	4.5

55°.700 — 55°.650

34°.350 — 34°.400

34°	sin	d	tang	d	cotg	cos	d		P.P.
.350	9.751 469	11	9.834 696	16	0.165 304	9.916 773	5	**.650**	
351	9.751 480	11	9.834 712	17	0.165 288	9.916 768	5	649	
352	9.751 491	11	9.834 729	16	0.165 271	9.916 763	6	648	
353	9.751 502	11	9.834 745	16	0.165 255	9.916 757	5	647	
354	9.751 513	12	9.834 761	16	0.165 239	9.916 752	5	646	
355	9.751 525	11	9.834 777	17	0.165 223	9.916 747	5	645	
356	9.751 536	11	9.834 794	16	0.165 206	9.916 742	5	644	
357	9.751 547	11	9.834 810	16	0.165 190	9.916 737	5	643	
358	9.751 558	11	9.834 826	17	0.165 174	9.916 732	6	642	
359	9.751 569	11	9.834 843	16	0.165 157	9.916 726	5	641	
.360	9.751 580	11	9.834 859	16	0.165 141	9.916 721	5	**.640**	
361	9.751 591	11	9.834 875	16	0.165 125	9.916 716	5	639	
362	9.751 602	11	9.834 891	17	0.165 109	9.916 711	5	638	
363	9.751 613	11	9.834 908	16	0.165 092	9.916 706	6	637	
364	9.751 624	11	9.834 924	16	0.165 076	9.916 700	5	636	
365	9.751 635	11	9.834 940	16	0.165 060	9.916 695	5	635	
366	9.751 646	12	9.834 956	17	0.165 044	9.916 690	5	634	
367	9.751 658	11	9.834 973	16	0.165 027	9.916 685	5	633	
368	9.751 669	11	9.834 989	16	0.165 011	9.916 680	6	632	
369	9.751 680	11	9.835 005	16	0.164 995	9.916 674	5	631	
.370	9.751 691	11	9.835 021	17	0.164 979	9.916 669	5	**.630**	
371	9.751 702	11	9.835 038	16	0.164 962	9.916 664	5	629	
372	9.751 713	11	9.835 054	16	0.164 946	9.916 659	5	628	
373	9.751 724	11	9.835 070	17	0.164 930	9.916 654	5	627	
374	9.751 735	11	9.835 087	16	0.164 913	9.916 649	6	626	
375	9.751 746	11	9.835 103	16	0.164 897	9.916 643	5	625	
376	9.751 757	11	9.835 119	16	0.164 881	9.916 638	5	624	
377	9.751 768	11	9.835 135	17	0.164 865	9.916 633	5	623	
378	9.751 779	12	9.835 152	16	0.164 848	9.916 628	5	622	
379	9.751 791	11	9.835 168	16	0.164 832	9.916 623	6	621	
.380	9.751 802	11	9.835 184	16	0.164 816	9.916 617	5	**.620**	
381	9.751 813	11	9.835 200	17	0.164 800	9.916 612	5	619	
382	9.751 824	11	9.835 217	16	0.164 783	9.916 607	5	618	
383	9.751 835	11	9.835 233	16	0.164 767	9.916 602	5	617	
384	9.751 846	11	9.835 249	16	0.164 751	9.916 597	5	616	
385	9.751 857	11	9.835 265	17	0.164 735	9.916 592	6	615	
386	9.751 868	11	9.835 282	16	0.164 718	9.916 586	5	614	
387	9.751 879	11	9.835 298	16	0.164 702	9.916 581	5	613	
388	9.751 890	11	9.835 314	17	0.164 686	9.916 576	5	612	
389	9.751 901	11	9.835 331	16	0.164 669	9.916 571	5	611	
.390	9.751 912	11	9.835 347	16	0.164 653	9.916 566	6	**.610**	
391	9.751 923	12	9.835 363	16	0.164 637	9.916 560	5	609	
392	9.751 935	11	9.835 379	17	0.164 621	9.916 555	5	608	
393	9.751 946	11	9.835 396	16	0.164 604	9.916 550	5	607	
394	9.751 957	11	9.835 412	16	0.164 588	9.916 545	5	606	
395	9.751 968	11	9.835 428	16	0.164 572	9.916 540	6	605	
396	9.751 979	11	9.835 444	17	0.164 556	9.916 534	5	604	
397	9.751 990	11	9.835 461	16	0.164 539	9.916 529	5	603	
398	9.752 001	11	9.835 477	16	0.164 523	9.916 524	5	602	
399	9.752 012	11	9.835 493	16	0.164 507	9.916 519	5	601	
.400	9.752 023		9.835 509		0.164 491	9.916 514		**.600**	
	cos	d	cotg	d	tang	sin	d	55°	P.P.

	17	16
1	1.7	1.6
2	3.4	3.2
3	5.1	4.8
4	6.8	6.4
5	8.5	8.0
6	10.2	9.6
7	11.9	11.2
8	13.6	12.8
9	15.3	14.4

	12	11
1	1.2	1.1
2	2.4	2.2
3	3.6	3.3
4	4.8	4.4
5	6.0	5.5
6	7.2	6.6
7	8.4	7.7
8	9.6	8.8
9	10.8	9.9

	6	5
1	0.6	0.5
2	1.2	1.0
3	1.8	1.5
4	2.4	2.0
5	3.0	2.5
6	3.6	3.0
7	4.2	3.5
8	4.8	4.0
9	5.4	4.5

55°.650 — 55°.600

34°.400 — 34°.450

34°	sin	d	tang	d	cotg	cos	d		P.P.
.400	9.752 023	11	9.835 509	17	0.164 491	9.916 514	5	.600	
401	9.752 034	11	9.835 526	16	0.164 474	9.916 509	6	599	
402	9.752 045	11	9.835 542	16	0.164 458	9.916 503	5	598	
403	9.752 056	11	9.835 558	16	0.164 442	9.916 498	5	597	
404	9.752 067	11	9.835 574	17	0.164 426	9.916 493	5	596	
405	9.752 078	11	9.835 591	16	0.164 409	9.916 488	5	595	
406	9.752 089	12	9.835 607	16	0.164 393	9.916 483	6	594	
407	9.752 101	11	9.835 623	16	0.164 377	9.916 477	5	593	
408	9.752 112	11	9.835 639	17	0.164 361	9.916 472	5	592	
409	9.752 123	11	9.835 656	16	0.164 344	9.916 467	5	591	
.410	9.752 134	11	9.835 672	16	0.164 328	9.916 462	5	.590	
411	9.752 145	11	9.835 688	16	0.164 312	9.916 457	6	589	
412	9.752 156	11	9.835 704	17	0.164 296	9.916 451	5	588	
413	9.752 167	11	9.835 721	16	0.164 279	9.916 446	5	587	
414	9.752 178	11	9.835 737	16	0.164 263	9.916 441	5	586	
415	9.752 189	11	9.835 753	17	0.164 247	9.916 436	5	585	
416	9.752 200	11	9.835 770	16	0.164 230	9.916 431	6	584	
417	9.752 211	11	9.835 786	16	0.164 214	9.916 425	5	583	
418	9.752 222	11	9.835 802	16	0.164 198	9.916 420	5	582	
419	9.752 233	11	9.835 818	17	0.164 182	9.916 415	5	581	
.420	9.752 244	11	9.835 835	16	0.164 165	9.916 410	5	.580	
421	9.752 255	12	9.835 851	16	0.164 149	9.916 405	6	579	
422	9.752 267	11	9.835 867	16	0.164 133	9.916 399	5	578	
423	9.752 278	11	9.835 883	17	0.164 117	9.916 394	5	577	
424	9.752 289	11	9.835 900	16	0.164 100	9.916 389	5	576	
425	9.752 300	11	9.835 916	16	0.164 084	9.916 384	5	575	
426	9.752 311	11	9.835 932	16	0.164 068	9.916 379	6	574	
427	9.752 322	11	9.835 948	17	0.164 052	9.916 373	5	573	
428	9.752 333	11	9.835 965	16	0.164 035	9.916 368	5	572	
429	9.752 344	11	9.835 981	16	0.164 019	9.916 363	5	571	
.430	9.752 355	11	9.835 997	16	0.164 003	9.916 358	5	.570	
431	9.752 366	11	9.836 013	17	0.163 987	9.916 353	5	569	
432	9.752 377	11	9.836 030	16	0.163 970	9.916 348	6	568	
433	9.752 388	11	9.836 046	16	0.163 954	9.916 342	5	567	
434	9.752 399	11	9.836 062	16	0.163 938	9.916 337	5	566	
435	9.752 410	11	9.836 078	17	0.163 922	9.916 332	5	565	
436	9.752 421	11	9.836 095	16	0.163 905	9.916 327	5	564	
437	9.752 432	11	9.836 111	16	0.163 889	9.916 322	6	563	
438	9.752 443	12	9.836 127	16	0.163 873	9.916 316	5	562	
439	9.752 455	11	9.836 143	17	0.163 857	9.916 311	5	561	
.440	9.752 466	11	9.836 160	16	0.163 840	9.916 306	5	.560	
441	9.752 477	11	9.836 176	16	0.163 824	9.916 301	5	559	
442	9.752 488	11	9.836 192	16	0.163 808	9.916 296	6	558	
443	9.752 499	11	9.836 208	17	0.163 792	9.916 290	5	557	
444	9.752 510	11	9.836 225	16	0.163 775	9.916 285	5	556	
445	9.752 521	11	9.836 241	16	0.163 759	9.916 280	5	555	
446	9.752 532	11	9.836 257	16	0.163 743	9.916 275	5	554	
447	9.752 543	11	9.836 273	17	0.163 727	9.916 270	6	553	
448	9.752 554	11	9.836 290	16	0.163 710	9.916 264	5	552	
449	9.752 565	11	9.836 306	16	0.163 694	9.916 259	5	551	
.450	9.752 576		9.836 322		0.163 678	9.916 254		.550	
	cos	d	cotg	d	tang	sin	d	55°	P.P.

	17	16
1	1.7	1.6
2	3.4	3.2
3	5.1	4.8
4	6.8	6.4
5	8.5	8.0
6	10.2	9.6
7	11.9	11.2
8	13.6	12.8
9	15.3	14.4

	12	11
1	1.2	1.1
2	2.4	2.2
3	3.6	3.3
4	4.8	4.4
5	6.0	5.5
6	7.2	6.6
7	8.4	7.7
8	9.6	8.8
9	10.8	9.9

	6	5
1	0.6	0.5
2	1.2	1.0
3	1.8	1.5
4	2.4	2.0
5	3.0	2.5
6	3.6	3.0
7	4.2	3.5
8	4.8	4.0
9	5.4	4.5

55°.600 — 55°.550

34°.450 — 34°.500

34°	sin	d	tang	d	cotg	cos	d		P.P.
.450	9.752 576	11	9.836 322	16	0.163 678	9.916 254	5	**.550**	
451	9.752 587	11	9.836 338	17	0.163 662	9.916 249	5	549	
452	9.752 598	11	9.836 355	16	0.163 645	9.916 244	6	548	
453	9.752 609	11	9.836 371	16	0.163 629	9.916 238	5	547	
454	9.752 620	11	9.836 387	16	0.163 613	9.916 233	5	546	
455	9.752 631	11	9.836 403	17	0.163 597	9.916 228	5	545	
456	9.752 642	11	9.836 420	16	0.163 580	9.916 223	5	544	
457	9.752 653	11	9.836 436	16	0.163 564	9.916 218	6	543	
458	9.752 664	12	9.836 452	16	0.163 548	9.916 212	5	542	
459	9.752 676	11	9.836 468	17	0.163 532	9.916 207	5	541	
.460	9.752 687	11	9.836 485	16	0.163 515	9.916 202	5	**.540**	
461	9.752 698	11	9.836 501	16	0.163 499	9.916 197	5	539	
462	9.752 709	11	9.836 517	16	0.163 483	9.916 192	6	538	
463	9.752 720	11	9.836 533	17	0.163 467	9.916 186	5	537	
464	9.752 731	11	9.836 550	16	0.163 450	9.916 181	5	536	
465	9.752 742	11	9.836 566	16	0.163 434	9.916 176	5	535	
466	9.752 753	11	9.836 582	16	0.163 418	9.916 171	5	534	
467	9.752 764	11	9.836 598	17	0.163 402	9.916 166	6	533	
468	9.752 775	11	9.836 615	16	0.163 385	9.916 160	5	532	
469	9.752 786	11	9.836 631	16	0.163 369	9.916 155	5	531	
.470	9.752 797	11	9.836 647	16	0.163 353	9.916 150	5	**.530**	
471	9.752 808	11	9.836 663	17	0.163 337	9.916 145	5	529	
472	9.752 819	11	9.836 680	16	0.163 320	9.916 140	6	528	
473	9.752 830	11	9.836 696	16	0.163 304	9.916 134	5	527	
474	9.752 841	11	9.836 712	16	0.163 288	9.916 129	5	526	
475	9.752 852	11	9.836 728	17	0.163 272	9.916 124	5	525	
476	9.752 863	11	9.836 745	16	0.163 255	9.916 119	6	524	
477	9.752 874	11	9.836 761	16	0.163 239	9.916 113	5	523	
478	9.752 885	11	9.836 777	16	0.163 223	9.916 108	5	522	
479	9.752 896	11	9.836 793	17	0.163 207	9.916 103	5	521	
.480	9.752 907	11	9.836 810	16	0.163 190	9.916 098	5	**.520**	
481	9.752 918	11	9.836 826	16	0.163 174	9.916 093	6	519	
482	9.752 929	11	9.836 842	16	0.163 158	9.916 087	5	518	
483	9.752 940	12	9.836 858	16	0.163 142	9.916 082	5	517	
484	9.752 952	11	9.836 874	17	0.163 126	9.916 077	5	516	
485	9.752 963	11	9.836 891	16	0.163 109	9.916 072	5	515	
486	9.752 974	11	9.836 907	16	0.163 093	9.916 067	6	514	
487	9.752 985	11	9.836 923	16	0.163 077	9.916 061	5	513	
488	9.752 996	11	9.836 939	17	0.163 061	9.916 056	5	512	
489	9.753 007	11	9.836 956	16	0.163 044	9.916 051	5	511	
.490	9.753 018	11	9.836 972	16	0.163 028	9.916 046	5	**.510**	
491	9.753 029	11	9.836 988	16	0.163 012	9.916 041	6	509	
492	9.753 040	11	9.837 004	17	0.162 996	9.916 035	5	508	
493	9.753 051	11	9.837 021	16	0.162 979	9.916 030	5	507	
494	9.753 062	11	9.837 037	16	0.162 963	9.916 025	5	506	
495	9.753 073	11	9.837 053	16	0.162 947	9.916 020	5	505	
496	9.753 084	11	9.837 069	17	0.162 931	9.916 015	6	504	
497	9.753 095	11	9.837 086	16	0.162 914	9.916 009	5	503	
498	9.753 106	11	9.837 102	16	0.162 898	9.916 004	5	502	
499	9.753 117	11	9.837 118	16	0.162 882	9.915 999	5	501	
.500	9.753 128		9.837 134		0.162 866	9.915 994		**.500**	
	cos	d	cotg	d	tang	sin	d	55°	P.P.

	17	16
1	1.7	1.6
2	3.4	3.2
3	5.1	4.8
4	6.8	6.4
5	8.5	8.0
6	10.2	9.6
7	11.9	11.2
8	13.6	12.8
9	15.3	14.4

	12	11
1	1.2	1.1
2	2.4	2.2
3	3.6	3.3
4	4.8	4.4
5	6.0	5.5
6	7.2	6.6
7	8.4	7.7
8	9.6	8.8
9	10.8	9.9

	6	5
1	0.6	0.5
2	1.2	1.0
3	1.8	1.5
4	2.4	2.0
5	3.0	2.5
6	3.6	3.0
7	4.2	3.5
8	4.8	4.0
9	5.4	4.5

55°.550 — 55°.500

34°.500 — 34°.550

34°	sin	d	tang	d	cotg	cos	d		P.P.
.500	9.753 128	11	9.837 134	17	0.162 866	9.915 994	5	.500	
501	9.753 139	11	9.837 151	16	0.162 849	9.915 989	6	499	
502	9.753 150	11	9.837 167	16	0.162 833	9.915 983	5	498	
503	9.753 161	11	9.837 183	16	0.162 817	9.915 978	5	497	
504	9.753 172	11	9.837 199	17	0.162 801	9.915 973	5	496	
505	9.753 183	11	9.837 216	16	0.162 784	9.915 968	6	495	
506	9.753 194	11	9.837 232	16	0.162 768	9.915 962	5	494	
507	9.753 205	11	9.837 248	16	0.162 752	9.915 957	5	493	
508	9.753 216	11	9.837 264	16	0.162 736	9.915 952	5	492	
509	9.753 227	11	9.837 280	17	0.162 720	9.915 947	5	491	
.510	9.753 238	11	9.837 297	16	0.162 703	9.915 942	6	.490	
511	9.753 249	11	9.837 313	16	0.162 687	9.915 936	5	489	
512	9.753 260	11	9.837 329	16	0.162 671	9.915 931	5	488	
513	9.753 271	11	9.837 345	17	0.162 655	9.915 926	5	487	
514	9.753 282	11	9.837 362	16	0.162 638	9.915 921	5	486	
515	9.753 293	11	9.837 378	16	0.162 622	9.915 916	6	485	
516	9.753 304	11	9.837 394	16	0.162 606	9.915 910	5	484	
517	9.753 315	11	9.837 410	17	0.162 590	9.915 905	5	483	
518	9.753 326	11	9.837 427	16	0.162 573	9.915 900	5	482	
519	9.753 337	12	9.837 443	16	0.162 557	9.915 895	6	481	
.520	9.753 349	11	9.837 459	16	0.162 541	9.915 889	5	.480	
521	9.753 360	11	9.837 475	17	0.162 525	9.915 884	5	479	
522	9.753 371	11	9.837 492	16	0.162 508	9.915 879	5	478	
523	9.753 382	11	9.837 508	16	0.162 492	9.915 874	5	477	
524	9.753 393	11	9.837 524	16	0.162 476	9.915 869	6	476	
525	9.753 404	11	9.837 540	16	0.162 460	9.915 863	5	475	
526	9.753 415	11	9.837 556	17	0.162 444	9.915 858	5	474	
527	9.753 426	11	9.837 573	16	0.162 427	9.915 853	5	473	
528	9.753 437	11	9.837 589	16	0.162 411	9.915 848	5	472	
529	9.753 448	11	9.837 605	16	0.162 395	9.915 843	6	471	
.530	9.753 459	11	9.837 621	17	0.162 379	9.915 837	5	.470	
531	9.753 470	11	9.837 638	16	0.162 362	9.915 832	5	469	
532	9.753 481	11	9.837 654	16	0.162 346	9.915 827	5	468	
533	9.753 492	11	9.837 670	16	0.162 330	9.915 822	6	467	
534	9.753 503	11	9.837 686	17	0.162 314	9.915 816	5	466	
535	9.753 514	11	9.837 703	16	0.162 297	9.915 811	5	465	
536	9.753 525	11	9.837 719	16	0.162 281	9.915 806	5	464	
537	9.753 536	11	9.837 735	16	0.162 265	9.915 801	5	463	
538	9.753 547	11	9.837 751	16	0.162 249	9.915 796	6	462	
539	9.753 558	11	9.837 767	17	0.162 233	9.915 790	5	461	
.540	9.753 569	11	9.837 784	16	0.162 216	9.915 785	5	.460	
541	9.753 580	11	9.837 800	16	0.162 200	9.915 780	5	459	
542	9.753 591	11	9.837 816	16	0.162 184	9.915 775	5	458	
543	9.753 602	11	9.837 832	17	0.162 168	9.915 770	6	457	
544	9.753 613	11	9.837 849	16	0.162 151	9.915 764	5	456	
545	9.753 624	11	9.837 865	16	0.162 135	9.915 759	5	455	
546	9.753 635	11	9.837 881	16	0.162 119	9.915 754	5	454	
547	9.753 646	11	9.837 897	16	0.162 103	9.915 749	6	453	
548	9.753 657	11	9.837 913	17	0.162 087	9.915 743	5	452	
549	9.753 668	11	9.837 930	16	0.162 070	9.915 738	5	451	
.550	9.753 679		9.837 946		0.162 054	9.915 733		.450	
	cos	d	cotg	d	tang	sin	d	55°	P.P.

	17	16
1	1.7	1.6
2	3.4	3.2
3	5.1	4.8
4	6.8	6.4
5	8.5	8.0
6	10.2	9.6
7	11.9	11.2
8	13.6	12.8
9	15.3	14.4

	12	11
1	1.2	1.1
2	2.4	2.2
3	3.6	3.3
4	4.8	4.4
5	6.0	5.5
6	7.2	6.6
7	8.4	7.7
8	9.6	8.8
9	10.8	9.9

	6	5
1	0.6	0.5
2	1.2	1.0
3	1.8	1.5
4	2.4	2.0
5	3.0	2.5
6	3.6	3.0
7	4.2	3.5
8	4.8	4.0
9	5.4	4.5

55°.500 — 55°.450

34°.550 — 34°.600

34°	sin	d	tang	d	cotg	cos	d		P.P.
.550	9.753 679	11	9.837 946	16	0.162 054	9.915 733	5	.450	
551	9.753 690	11	9.837 962	16	0.162 038	9.915 728	5	449	
552	9.753 701	11	9.837 978	17	0.162 022	9.915 723	6	448	
553	9.753 712	11	9.837 995	16	0.162 005	9.915 717	5	447	
554	9.753 723	11	9.838 011	16	0.161 989	9.915 712	5	446	
555	9.753 734	11	9.838 027	16	0.161 973	9.915 707	5	445	
556	9.753 745	11	9.838 043	17	0.161 957	9.915 702	6	444	
557	9.753 756	11	9.838 060	16	0.161 940	9.915 696	5	443	
558	9.753 767	11	9.838 076	16	0.161 924	9.915 691	5	442	
559	9.753 778	11	9.838 092	16	0.161 908	9.915 686	5	441	
.560	9.753 789	11	9.838 108	16	0.161 892	9.915 681	5	.440	
561	9.753 800	11	9.838 124	17	0.161 876	9.915 676	6	439	
562	9.753 811	11	9.838 141	16	0.161 859	9.915 670	5	438	
563	9.753 822	11	9.838 157	16	0.161 843	9.915 665	5	437	
564	9.753 833	11	9.838 173	16	0.161 827	9.915 660	5	436	
565	9.753 844	11	9.838 189	17	0.161 811	9.915 655	6	435	
566	9.753 855	11	9.838 206	16	0.161 794	9.915 649	5	434	
567	9.753 866	11	9.838 222	16	0.161 778	9.915 644	5	433	
568	9.753 877	11	9.838 238	16	0.161 762	9.915 639	5	432	
569	9.753 888	11	9.838 254	16	0.161 746	9.915 634	5	431	
.570	9.753 899	11	9.838 270	17	0.161 730	9.915 629	6	.430	
571	9.753 910	11	9.838 287	16	0.161 713	9.915 623	5	429	
572	9.753 921	11	9.838 303	16	0.161 697	9.915 618	5	428	
573	9.753 932	11	9.838 319	16	0.161 681	9.915 613	5	427	
574	9.753 943	11	9.838 335	17	0.161 665	9.915 608	6	426	
575	9.753 954	11	9.838 352	16	0.161 648	9.915 602	5	425	
576	9.753 965	11	9.838 368	16	0.161 632	9.915 597	5	424	
577	9.753 976	11	9.838 384	16	0.161 616	9.915 592	5	423	
578	9.753 987	11	9.838 400	16	0.161 600	9.915 587	5	422	
579	9.753 998	11	9.838 416	17	0.161 584	9.915 582	6	421	
.580	9.754 009	11	9.838 433	16	0.161 567	9.915 576	5	.420	
581	9.754 020	11	9.838 449	16	0.161 551	9.915 571	5	419	
582	9.754 031	11	9.838 465	16	0.161 535	9.915 566	5	418	
583	9.754 042	11	9.838 481	17	0.161 519	9.915 561	6	417	
584	9.754 053	11	9.838 498	16	0.161 502	9.915 555	5	416	
585	9.754 064	11	9.838 514	16	0.161 486	9.915 550	5	415	
586	9.754 075	11	9.838 530	16	0.161 470	9.915 545	5	414	
587	9.754 086	11	9.838 546	16	0.161 454	9.915 540	5	413	
588	9.754 097	11	9.838 562	17	0.161 438	9.915 535	6	412	
589	9.754 108	11	9.838 579	16	0.161 421	9.915 529	5	411	
.590	9.754 119	11	9.838 595	16	0.161 405	9.915 524	5	.410	
591	9.754 130	11	9.838 611	16	0.161 389	9.915 519	5	409	
592	9.754 141	11	9.838 627	17	0.161 373	9.915 514	6	408	
593	9.754 152	11	9.838 644	16	0.161 356	9.915 508	5	407	
594	9.754 163	11	9.838 660	16	0.161 340	9.915 503	5	406	
595	9.754 174	11	9.838 676	16	0.161 324	9.915 498	5	405	
596	9.754 185	11	9.838 692	16	0.161 308	9.915 493	6	404	
597	9.754 196	11	9.838 708	17	0.161 292	9.915 487	5	403	
598	9.754 207	11	9.838 725	16	0.161 275	9.915 482	5	402	
599	9.754 218	11	9.838 741	16	0.161 259	9.915 477	5	401	
.600	9.754 229		9.838 757		0.161 243	9.915 472		.400	
	cos	d	cotg	d	tang	sin	d	55°	P.P.

	17	16
1	1.7	1.6
2	3.4	3.2
3	5.1	4.8
4	6.8	6.4
5	8.5	8.0
6	10.2	9.6
7	11.9	11.2
8	13.6	12.8
9	15.3	14.4

	11
1	1.1
2	2.2
3	3.3
4	4.4
5	5.5
6	6.6
7	7.7
8	8.8
9	9.9

	6	5
1	0.6	0.5
2	1.2	1.0
3	1.8	1.5
4	2.4	2.0
5	3.0	2.5
6	3.6	3.0
7	4.2	3.5
8	4.8	4.0
9	5.4	4.5

55°.450 — 55°.400

34°.600 — 34°.650

34°	sin	d	tang	d	cotg	cos	d		P.P.
.600	9.754 229	11	9.838 757	16	0.161 243	9.915 472	5	**.400**	
601	9.754 240	11	9.838 773	16	0.161 227	9.915 467	6	399	
602	9.754 251	11	9.838 789	17	0.161 211	9.915 461	5	398	
603	9.754 262	11	9.838 806	16	0.161 194	9.915 456	5	397	
604	9.754 273	11	9.838 822	16	0.161 178	9.915 451	5	396	
605	9.754 284	11	9.838 838	16	0.161 162	9.915 446	6	395	
606	9.754 295	11	9.838 854	17	0.161 146	9.915 440	5	394	
607	9.754 306	11	9.838 871	16	0.161 129	9.915 435	5	393	
608	9.754 317	11	9.838 887	16	0.161 113	9.915 430	5	392	
609	9.754 328	11	9.838 903	16	0.161 097	9.915 425	6	391	
.610	9.754 339	11	9.838 919	16	0.161 081	9.915 419	5	**.390**	
611	9.754 350	11	9.838 935	17	0.161 065	9.915 414	5	389	
612	9.754 361	11	9.838 952	16	0.161 048	9.915 409	5	388	
613	9.754 372	11	9.838 968	16	0.161 032	9.915 404	5	387	
614	9.754 383	11	9.838 984	16	0.161 016	9.915 399	6	386	
615	9.754 394	11	9.839 000	16	0.161 000	9.915 393	5	385	
616	9.754 405	11	9.839 016	17	0.160 984	9.915 388	5	384	
617	9.754 416	11	9.839 033	16	0.160 967	9.915 383	5	383	
618	9.754 427	11	9.839 049	16	0.160 951	9.915 378	6	382	
619	9.754 438	11	9.839 065	16	0.160 935	9.915 372	5	381	
.620	9.754 449	10	9.839 081	17	0.160 919	9.915 367	5	**.380**	
621	9.754 459	11	9.839 098	16	0.160 902	9.915 362	5	379	
622	9.754 470	11	9.839 114	16	0.160 886	9.915 357	6	378	
623	9.754 481	11	9.839 130	16	0.160 870	9.915 351	5	377	
624	9.754 492	11	9.839 146	16	0.160 854	9.915 346	5	376	
625	9.754 503	11	9.839 162	17	0.160 838	9.915 341	5	375	
626	9.754 514	11	9.839 179	16	0.160 821	9.915 336	5	374	
627	9.754 525	11	9.839 195	16	0.160 805	9.915 331	6	373	
628	9.754 536	11	9.839 211	16	0.160 789	9.915 325	5	372	
629	9.754 547	11	9.839 227	16	0.160 773	9.915 320	5	371	
.630	9.754 558	11	9.839 243	17	0.160 757	9.915 315	5	**.370**	
631	9.754 569	11	9.839 260	16	0.160 740	9.915 310	6	369	
632	9.754 580	11	9.839 276	16	0.160 724	9.915 304	5	368	
633	9.754 591	11	9.839 292	16	0.160 708	9.915 299	5	367	
634	9.754 602	11	9.839 308	17	0.160 692	9.915 294	5	366	
635	9.754 613	11	9.839 325	16	0.160 675	9.915 289	6	365	
636	9.754 624	11	9.839 341	16	0.160 659	9.915 283	5	364	
637	9.754 635	11	9.839 357	16	0.160 643	9.915 278	5	363	
638	9.754 646	11	9.839 373	16	0.160 627	9.915 273	5	362	
639	9.754 657	11	9.839 389	17	0.160 611	9.915 268	6	361	
.640	9.754 668	11	9.839 406	16	0.160 594	9.915 262	5	**.360**	
641	9.754 679	11	9.839 422	16	0.160 578	9.915 257	5	359	
642	9.754 690	11	9.839 438	16	0.160 562	9.915 252	5	358	
643	9.754 701	11	9.839 454	16	0.160 546	9.915 247	5	357	
644	9.754 712	11	9.839 470	17	0.160 530	9.915 242	6	356	
645	9.754 723	11	9.839 487	16	0.160 513	9.915 236	5	355	
646	9.754 734	11	9.839 503	16	0.160 497	9.915 231	5	354	
647	9.754 745	11	9.839 519	16	0.160 481	9.915 226	5	353	
648	9.754 756	11	9.839 535	16	0.160 465	9.915 221	6	352	
649	9.754 767	11	9.839 551	17	0.160 449	9.915 215	5	351	
.650	9.754 778		9.839 568		0.160 432	9.915 210		**.350**	
	cos	d	cotg	d	tang	sin	d	**55°**	P.P.

	17	16
1	1.7	1.6
2	3.4	3.2
3	5.1	4.8
4	6.8	6.4
5	8.5	8.0
6	10.2	9.6
7	11.9	11.2
8	13.6	12.8
9	15.3	14.4

	11	10
1	1.1	1.0
2	2.2	2.0
3	3.3	3.0
4	4.4	4.0
5	5.5	5.0
6	6.6	6.0
7	7.7	7.0
8	8.8	8.0
9	9.9	9.0

	6	5
1	0.6	0.5
2	1.2	1.0
3	1.8	1.5
4	2.4	2.0
5	3.0	2.5
6	3.6	3.0
7	4.2	3.5
8	4.8	4.0
9	5.4	4.5

55°.400 — 55°.350

34°.650 — 34°.700

34°	sin	d	tang	d	cotg	cos	d		P.P.
.650	9.754 778	11	9.839 568	16	0.160 432	9.915 210	5	.350	
651	9.754 789	11	9.839 584	16	0.160 416	9.915 205	5	349	
652	9.754 800	11	9.839 600	16	0.160 400	9.915 200	6	348	
653	9.754 811	11	9.839 616	16	0.160 384	9.915 194	5	347	
654	9.754 822	11	9.839 632	17	0.160 368	9.915 189	5	346	
655	9.754 833	11	9.839 649	16	0.160 351	9.915 184	5	345	
656	9.754 844	10	9.839 665	16	0.160 335	9.915 179	6	344	
657	9.754 854	11	9.839 681	16	0.160 319	9.915 173	5	343	
658	9.754 865	11	9.839 697	16	0.160 303	9.915 168	5	342	
659	9.754 876	11	9.839 713	17	0.160 287	9.915 163	5	341	
.660	9.754 887	11	9.839 730	16	0.160 270	9.915 158	6	.340	
661	9.754 898	11	9.839 746	16	0.160 254	9.915 152	5	339	
662	9.754 909	11	9.839 762	16	0.160 238	9.915 147	5	338	
663	9.754 920	11	9.839 778	16	0.160 222	9.915 142	5	337	
664	9.754 931	11	9.839 794	17	0.160 206	9.915 137	6	336	
665	9.754 942	11	9.839 811	16	0.160 189	9.915 131	5	335	
666	9.754 953	11	9.839 827	16	0.160 173	9.915 126	5	334	
667	9.754 964	11	9.839 843	16	0.160 157	9.915 121	5	333	
668	9.754 975	11	9.839 859	16	0.160 141	9.915 116	5	332	
669	9.754 986	11	9.839 875	17	0.160 125	9.915 111	6	331	
.670	9.754 997	11	9.839 892	16	0.160 108	9.915 105	5	.330	
671	9.755 008	11	9.839 908	16	0.160 092	9.915 100	5	329	
672	9.755 019	11	9.839 924	16	0.160 076	9.915 095	5	328	
673	9.755 030	11	9.839 940	17	0.160 060	9.915 090	6	327	
674	9.755 041	11	9.839 957	16	0.160 043	9.915 084	5	326	
675	9.755 052	11	9.839 973	16	0.160 027	9.915 079	5	325	
676	9.755 063	11	9.839 989	16	0.160 011	9.915 074	5	324	
677	9.755 074	11	9.840 005	16	0.159 995	9.915 069	6	323	
678	9.755 085	11	9.840 021	17	0.159 979	9.915 063	5	322	
679	9.755 096	11	9.840 038	16	0.159 962	9.915 058	5	321	
.680	9.755 107	11	9.840 054	16	0.159 946	9.915 053	5	.320	
681	9.755 118	10	9.840 070	16	0.159 930	9.915 048	6	319	
682	9.755 128	11	9.840 086	16	0.159 914	9.915 042	5	318	
683	9.755 139	11	9.840 102	16	0.159 898	9.915 037	5	317	
684	9.755 150	11	9.840 118	17	0.159 882	9.915 032	5	316	
685	9.755 161	11	9.840 135	16	0.159 865	9.915 027	6	315	
686	9.755 172	11	9.840 151	16	0.159 849	9.915 021	5	314	
687	9.755 183	11	9.840 167	16	0.159 833	9.915 016	5	313	
688	9.755 194	11	9.840 183	16	0.159 817	9.915 011	5	312	
689	9.755 205	11	9.840 199	17	0.159 801	9.915 006	6	311	
.690	9.755 216	11	9.840 216	16	0.159 784	9.915 000	5	.310	
691	9.755 227	11	9.840 232	16	0.159 768	9.914 995	5	309	
692	9.755 238	11	9.840 248	16	0.159 752	9.914 990	5	308	
693	9.755 249	11	9.840 264	16	0.159 736	9.914 985	6	307	
694	9.755 260	11	9.840 280	17	0.159 720	9.914 979	5	306	
695	9.755 271	11	9.840 297	16	0.159 703	9.914 974	5	305	
696	9.755 282	11	9.840 313	16	0.159 687	9.914 969	5	304	
697	9.755 293	11	9.840 329	16	0.159 671	9.914 964	6	303	
698	9.755 304	11	9.840 345	16	0.159 655	9.914 958	5	302	
699	9.755 315	11	9.840 361	17	0.159 639	9.914 953	5	301	
.700	9.755 326		9.840 378		0.159 622	9.914 948		.300	
	cos	d	cotg	d	tang	sin	d	55°	P.P.

	17	16
1	1.7	1.6
2	3.4	3.2
3	5.1	4.8
4	6.8	6.4
5	8.5	8.0
6	10.2	9.6
7	11.9	11.2
8	13.6	12.8
9	15.3	14.4

	11	10
1	1.1	1.0
2	2.2	2.0
3	3.3	3.0
4	4.4	4.0
5	5.5	5.0
6	6.6	6.0
7	7.7	7.0
8	8.8	8.0
9	9.9	9.0

	6	5
1	0.6	0.5
2	1.2	1.0
3	1.8	1.5
4	2.4	2.0
5	3.0	2.5
6	3.6	3.0
7	4.2	3.5
8	4.8	4.0
9	5.4	4.5

55°.350 — 55°.300

34°.700 — 34°.750

34°	sin	d	tang	d	cotg	cos	d		P.P.
.700	9.755 326	11	9.840 378	16	0.159 622	9.914 948	5	.300	
701	9.755 337	10	9.840 394	16	0.159 606	9.914 943	6	299	
702	9.755 347	11	9.840 410	16	0.159 590	9.914 937	5	298	
703	9.755 358	11	9.840 426	16	0.159 574	9.914 932	5	297	
704	9.755 369	11	9.840 442	17	0.159 558	9.914 927	5	296	
705	9.755 380	11	9.840 459	16	0.159 541	9.914 922	6	295	
706	9.755 391	11	9.840 475	16	0.159 525	9.914 916	5	294	
707	9.755 402	11	9.840 491	16	0.159 509	9.914 911	5	293	
708	9.755 413	11	9.840 507	16	0.159 493	9.914 906	5	292	
709	9.755 424	11	9.840 523	17	0.159 477	9.914 901	6	291	
.710	9.755 435	11	9.840 540	16	0.159 460	9.914 895	5	.290	
711	9.755 446	11	9.840 556	16	0.159 444	9.914 890	5	289	
712	9.755 457	11	9.840 572	16	0.159 428	9.914 885	5	288	
713	9.755 468	11	9.840 588	16	0.159 412	9.914 880	6	287	
714	9.755 479	11	9.840 604	17	0.159 396	9.914 874	5	286	
715	9.755 490	11	9.840 621	16	0.159 379	9.914 869	5	285	
716	9.755 501	11	9.840 637	16	0.159 363	9.914 864	5	284	
717	9.755 512	11	9.840 653	16	0.159 347	9.914 859	6	283	
718	9.755 523	10	9.840 669	16	0.159 331	9.914 853	5	282	
719	9.755 533	11	9.840 685	17	0.159 315	9.914 848	5	281	
.720	9.755 544	11	9.840 702	16	0.159 298	9.914 843	5	.280	
721	9.755 555	11	9.840 718	16	0.159 282	9.914 838	6	279	
722	9.755 566	11	9.840 734	16	0.159 266	9.914 832	5	278	
723	9.755 577	11	9.840 750	16	0.159 250	9.914 827	5	277	
724	9.755 588	11	9.840 766	16	0.159 234	9.914 822	5	276	
725	9.755 599	11	9.840 782	17	0.159 218	9.914 817	6	275	
726	9.755 610	11	9.840 799	16	0.159 201	9.914 811	5	274	
727	9.755 621	11	9.840 815	16	0.159 185	9.914 806	5	273	
728	9.755 632	11	9.840 831	16	0.159 169	9.914 801	5	272	
729	9.755 643	11	9.840 847	16	0.159 153	9.914 796	6	271	
.730	9.755 654	11	9.840 863	17	0.159 137	9.914 790	5	.270	
731	9.755 665	11	9.840 880	16	0.159 120	9.914 785	5	269	
732	9.755 676	11	9.840 896	16	0.159 104	9.914 780	5	268	
733	9.755 687	11	9.840 912	16	0.159 088	9.914 775	6	267	
734	9.755 698	10	9.840 928	16	0.159 072	9.914 769	5	266	
735	9.755 708	11	9.840 944	17	0.159 056	9.914 764	5	265	
736	9.755 719	11	9.840 961	16	0.159 039	9.914 759	5	264	
737	9.755 730	11	9.840 977	16	0.159 023	9.914 754	6	263	
738	9.755 741	11	9.840 993	16	0.159 007	9.914 748	5	262	
739	9.755 752	11	9.841 009	16	0.158 991	9.914 743	5	261	
.740	9.755 763	11	9.841 025	16	0.158 975	9.914 738	5	.260	
741	9.755 774	11	9.841 041	17	0.158 959	9.914 733	6	259	
742	9.755 785	11	9.841 058	16	0.158 942	9.914 727	5	258	
743	9.755 796	11	9.841 074	16	0.158 926	9.914 722	5	257	
744	9.755 807	11	9.841 090	16	0.158 910	9.914 717	5	256	
745	9.755 818	11	9.841 106	16	0.158 894	9.914 712	6	255	
746	9.755 829	11	9.841 122	17	0.158 878	9.914 706	5	254	
747	9.755 840	11	9.841 139	16	0.158 861	9.914 701	5	253	
748	9.755 851	10	9.841 155	16	0.158 845	9.914 696	6	252	
749	9.755 861	11	9.841 171	16	0.158 829	9.914 690	5	251	
.750	9.755 872		9.841 187		0.158 813	9.914 685		.250	
	cos	d	cotg	d	tang	sin	d	55°	P.P.

	17	16
1	1.7	1.6
2	3.4	3.2
3	5.1	4.8
4	6.8	6.4
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7	11.9	11.2
8	13.6	12.8
9	15.3	14.4

	11	10
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3	3.3	3.0
4	4.4	4.0
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7	7.7	7.0
8	8.8	8.0
9	9.9	9.0

	6	5
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2	1.2	1.0
3	1.8	1.5
4	2.4	2.0
5	3.0	2.5
6	3.6	3.0
7	4.2	3.5
8	4.8	4.0
9	5.4	4.5

55°.300 — 55°.250

34°.750 — 34°.800

34°	sin	d	tang	d	cotg	cos	d		P.P.
.750	9.755 872	11	9.841 187	16	0.158 813	9.914 685	5	**.250**	
751	9.755 883	11	9.841 203	17	0.158 797	9.914 680	5	249	
752	9.755 894	11	9.841 220	16	0.158 780	9.914 675	6	248	
753	9.755 905	11	9.841 236	16	0.158 764	9.914 669	5	247	
754	9.755 916	11	9.841 252	16	0.158 748	9.914 664	5	246	
755	9.755 927	11	9.841 268	16	0.158 732	9.914 659	5	245	
756	9.755 938	11	9.841 284	16	0.158 716	9.914 654	6	244	
757	9.755 949	11	9.841 300	17	0.158 700	9.914 648	5	243	
758	9.755 960	11	9.841 317	16	0.158 683	9.914 643	5	242	
759	9.755 971	11	9.841 333	16	0.158 667	9.914 638	5	241	
.760	9.755 982	11	9.841 349	16	0.158 651	9.914 633	6	**.240**	
761	9.755 993	10	9.841 365	16	0.158 635	9.914 627	5	239	
762	9.756 003	11	9.841 381	17	0.158 619	9.914 622	5	238	
763	9.756 014	11	9.841 398	16	0.158 602	9.914 617	5	237	
764	9.756 025	11	9.841 414	16	0.158 586	9.914 612	6	236	
765	9.756 036	11	9.841 430	16	0.158 570	9.914 606	5	235	
766	9.756 047	11	9.841 446	16	0.158 554	9.914 601	5	234	
767	9.756 058	11	9.841 462	16	0.158 538	9.914 596	5	233	
768	9.756 069	11	9.841 478	17	0.158 522	9.914 591	6	232	
769	9.756 080	11	9.841 495	16	0.158 505	9.914 585	5	231	
.770	9.756 091	11	9.841 511	16	0.158 489	9.914 580	5	**.230**	
771	9.756 102	11	9.841 527	16	0.158 473	9.914 575	5	229	
772	9.756 113	11	9.841 543	16	0.158 457	9.914 570	6	228	
773	9.756 124	11	9.841 559	17	0.158 441	9.914 564	5	227	
774	9.756 135	10	9.841 576	16	0.158 424	9.914 559	5	226	
775	9.756 145	11	9.841 592	16	0.158 408	9.914 554	6	225	
776	9.756 156	11	9.841 608	16	0.158 392	9.914 548	5	224	
777	9.756 167	11	9.841 624	16	0.158 376	9.914 543	5	223	
778	9.756 178	11	9.841 640	16	0.158 360	9.914 538	5	222	
779	9.756 189	11	9.841 656	17	0.158 344	9.914 533	6	221	
.780	9.756 200	11	9.841 673	16	0.158 327	9.914 527	5	**.220**	
781	9.756 211	11	9.841 689	16	0.158 311	9.914 522	5	219	
782	9.756 222	11	9.841 705	16	0.158 295	9.914 517	5	218	
783	9.756 233	11	9.841 721	16	0.158 279	9.914 512	6	217	
784	9.756 244	11	9.841 737	16	0.158 263	9.914 506	5	216	
785	9.756 255	10	9.841 753	17	0.158 247	9.914 501	5	215	
786	9.756 265	11	9.841 770	16	0.158 230	9.914 496	5	214	
787	9.756 276	11	9.841 786	16	0.158 214	9.914 491	6	213	
788	9.756 287	11	9.841 802	16	0.158 198	9.914 485	5	212	
789	9.756 298	11	9.841 818	16	0.158 182	9.914 480	5	211	
.790	9.756 309	11	9.841 834	17	0.158 166	9.914 475	6	**.210**	
791	9.756 320	11	9.841 851	16	0.158 149	9.914 469	5	209	
792	9.756 331	11	9.841 867	16	0.158 133	9.914 464	5	208	
793	9.756 342	11	9.841 883	16	0.158 117	9.914 459	5	207	
794	9.756 353	11	9.841 899	16	0.158 101	9.914 454	6	206	
795	9.756 364	11	9.841 915	16	0.158 085	9.914 448	5	205	
796	9.756 375	10	9.841 931	17	0.158 069	9.914 443	5	204	
797	9.756 385	11	9.841 948	16	0.158 052	9.914 438	5	203	
798	9.756 396	11	9.841 964	16	0.158 036	9.914 433	6	202	
799	9.756 407	11	9.841 980	16	0.158 020	9.914 427	5	201	
.800	9.756 418		9.841 996		0.158 004	9.914 422		**.200**	
	cos	d	cotg	d	tang	sin	d	**55°**	P.P.

	17	16
1	1.7	1.6
2	3.4	3.2
3	5.1	4.8
4	6.8	6.4
5	8.5	8.0
6	10.2	9.6
7	11.9	11.2
8	13.6	12.8
9	15.3	14.4

	11	10
1	1.1	1.0
2	2.2	2.0
3	3.3	3.0
4	4.4	4.0
5	5.5	5.0
6	6.6	6.0
7	7.7	7.0
8	8.8	8.0
9	9.9	9.0

	6	5
1	0.6	0.5
2	1.2	1.0
3	1.8	1.5
4	2.4	2.0
5	3.0	2.5
6	3.6	3.0
7	4.2	3.5
8	4.8	4.0
9	5.4	4.5

55°.250 — 55°.200

34°.800 — 34°.850

34°	sin	d	tang	d	cotg	cos	d		P.P.
.800	9.756 418	11	9.841 996	16	0.158 004	9.914 422	5	.200	
801	9.756 429	11	9.842 012	16	0.157 988	9.914 417	5	199	
802	9.756 440	11	9.842 028	17	0.157 972	9.914 412	6	198	
803	9.756 451	11	9.842 045	16	0.157 955	9.914 406	5	197	
804	9.756 462	11	9.842 061	16	0.157 939	9.914 401	5	196	
805	9.756 473	11	9.842 077	16	0.157 923	9.914 396	6	195	
806	9.756 484	11	9.842 093	16	0.157 907	9.914 390	5	194	
807	9.756 495	10	9.842 109	17	0.157 891	9.914 385	5	193	
808	9.756 505	11	9.842 126	16	0.157 874	9.914 380	5	192	
809	9.756 516	11	9.842 142	16	0.157 858	9.914 375	6	191	
.810	9.756 527	11	9.842 158	16	0.157 842	9.914 369	5	.190	
811	9.756 538	11	9.842 174	16	0.157 826	9.914 364	5	189	
812	9.756 549	11	9.842 190	16	0.157 810	9.914 359	5	188	
813	9.756 560	11	9.842 206	17	0.157 794	9.914 354	6	187	
814	9.756 571	11	9.842 223	16	0.157 777	9.914 348	5	186	
815	9.756 582	11	9.842 239	16	0.157 761	9.914 343	5	185	
816	9.756 593	11	9.842 255	16	0.157 745	9.914 338	6	184	
817	9.756 604	10	9.842 271	16	0.157 729	9.914 332	5	183	
818	9.756 614	11	9.842 287	16	0.157 713	9.914 327	5	182	
819	9.756 625	11	9.842 303	17	0.157 697	9.914 322	5	181	
.820	9.756 636	11	9.842 320	16	0.157 680	9.914 317	6	.180	
821	9.756 647	11	9.842 336	16	0.157 664	9.914 311	5	179	
822	9.756 658	11	9.842 352	16	0.157 648	9.914 306	5	178	
823	9.756 669	11	9.842 368	16	0.157 632	9.914 301	5	177	
824	9.756 680	11	9.842 384	16	0.157 616	9.914 296	6	176	
825	9.756 691	11	9.842 400	17	0.157 600	9.914 290	5	175	
826	9.756 702	11	9.842 417	16	0.157 583	9.914 285	5	174	
827	9.756 713	10	9.842 433	16	0.157 567	9.914 280	6	173	
828	9.756 723	11	9.842 449	16	0.157 551	9.914 274	5	172	
829	9.756 734	11	9.842 465	16	0.157 535	9.914 269	5	171	
.830	9.756 745	11	9.842 481	16	0.157 519	9.914 264	5	.170	
831	9.756 756	11	9.842 497	17	0.157 503	9.914 259	6	169	
832	9.756 767	11	9.842 514	16	0.157 486	9.914 253	5	168	
833	9.756 778	11	9.842 530	16	0.157 470	9.914 248	5	167	
834	9.756 789	11	9.842 546	16	0.157 454	9.914 243	5	166	
835	9.756 800	11	9.842 562	16	0.157 438	9.914 238	6	165	
836	9.756 811	10	9.842 578	16	0.157 422	9.914 232	5	164	
837	9.756 821	11	9.842 594	17	0.157 406	9.914 227	5	163	
838	9.756 832	11	9.842 611	16	0.157 389	9.914 222	6	162	
839	9.756 843	11	9.842 627	16	0.157 373	9.914 216	5	161	
.840	9.756 854	11	9.842 643	16	0.157 357	9.914 211	5	.160	
841	9.756 865	11	9.842 659	16	0.157 341	9.914 206	5	159	
842	9.756 876	11	9.842 675	16	0.157 325	9.914 201	6	158	
843	9.756 887	11	9.842 691	17	0.157 309	9.914 195	5	157	
844	9.756 898	11	9.842 708	16	0.157 292	9.914 190	5	156	
845	9.756 909	10	9.842 724	16	0.157 276	9.914 185	5	155	
846	9.756 919	11	9.842 740	16	0.157 260	9.914 180	6	154	
847	9.756 930	11	9.842 756	16	0.157 244	9.914 174	5	153	
848	9.756 941	11	9.842 772	16	0.157 228	9.914 169	5	152	
849	9.756 952	11	9.842 788	17	0.157 212	9.914 164	6	151	
.850	9.756 963		9.842 805		0.157 195	9.914 158		.150	
	cos	d	cotg	d	tang	sin	d	55°	P.P.

	17	16
1	1.7	1.6
2	3.4	3.2
3	5.1	4.8
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6	10.2	9.6
7	11.9	11.2
8	13.6	12.8
9	15.3	14.4

	11	10
1	1.1	1.0
2	2.2	2.0
3	3.3	3.0
4	4.4	4.0
5	5.5	5.0
6	6.6	6.0
7	7.7	7.0
8	8.8	8.0
9	9.9	9.0

	6	5
1	0.6	0.5
2	1.2	1.0
3	1.8	1.5
4	2.4	2.0
5	3.0	2.5
6	3.6	3.0
7	4.2	3.5
8	4.8	4.0
9	5.4	4.5

55°.200 — 55°.150

34°.850 — 34°.900

34°	sin	d	tang	d	cotg	cos	d		P.P.
.850	9.756 963	11	9.842 805	16	0.157 195	9.914 158	5	**.150**	
851	9.756 974	11	9.842 821	16	0.157 179	9.914 153	5	149	
852	9.756 985	11	9.842 837	16	0.157 163	9.914 148	5	148	
853	9.756 996	11	9.842 853	16	0.157 147	9.914 143	6	147	
854	9.757 007	10	9.842 869	16	0.157 131	9.914 137	5	146	
855	9.757 017	11	9.842 885	17	0.157 115	9.914 132	5	145	
856	9.757 028	11	9.842 902	16	0.157 098	9.914 127	6	144	
857	9.757 039	11	9.842 918	16	0.157 082	9.914 121	5	143	
858	9.757 050	11	9.842 934	16	0.157 066	9.914 116	5	142	
859	9.757 061	11	9.842 950	16	0.157 050	9.914 111	5	141	
.860	9.757 072	11	9.842 966	16	0.157 034	9.914 106	6	**.140**	
861	9.757 083	11	9.842 982	17	0.157 018	9.914 100	5	139	
862	9.757 094	10	9.842 999	16	0.157 001	9.914 095	5	138	
863	9.757 104	11	9.843 015	16	0.156 985	9.914 090	5	137	
864	9.757 115	11	9.843 031	16	0.156 969	9.914 085	6	136	
865	9.757 126	11	9.843 047	16	0.156 953	9.914 079	5	135	
866	9.757 137	11	9.843 063	16	0.156 937	9.914 074	5	134	
867	9.757 148	11	9.843 079	16	0.156 921	9.914 069	6	133	
868	9.757 159	11	9.843 095	17	0.156 905	9.914 063	5	132	
869	9.757 170	11	9.843 112	16	0.156 888	9.914 058	5	131	
.870	9.757 181	11	9.843 128	16	0.156 872	9.914 053	5	**.130**	
871	9.757 192	10	9.843 144	16	0.156 856	9.914 048	6	129	
872	9.757 202	11	9.843 160	16	0.156 840	9.914 042	5	128	
873	9.757 213	11	9.843 176	16	0.156 824	9.914 037	5	127	
874	9.757 224	11	9.843 192	17	0.156 808	9.914 032	6	126	
875	9.757 235	11	9.843 209	16	0.156 791	9.914 026	5	125	
876	9.757 246	11	9.843 225	16	0.156 775	9.914 021	5	124	
877	9.757 257	11	9.843 241	16	0.156 759	9.914 016	5	123	
878	9.757 268	11	9.843 257	16	0.156 743	9.914 011	6	122	
879	9.757 279	10	9.843 273	16	0.156 727	9.914 005	5	121	
.880	9.757 289	11	9.843 289	17	0.156 711	9.914 000	5	**.120**	
881	9.757 300	11	9.843 306	16	0.156 694	9.913 995	6	119	
882	9.757 311	11	9.843 322	16	0.156 678	9.913 989	5	118	
883	9.757 322	11	9.843 338	16	0.156 662	9.913 984	5	117	
884	9.757 333	11	9.843 354	16	0.156 646	9.913 979	5	116	
885	9.757 344	11	9.843 370	16	0.156 630	9.913 974	6	115	
886	9.757 355	10	9.843 386	16	0.156 614	9.913 968	5	114	
887	9.757 365	11	9.843 402	17	0.156 598	9.913 963	5	113	
888	9.757 376	11	9.843 419	16	0.156 581	9.913 958	6	112	
889	9.757 387	11	9.843 435	16	0.156 565	9.913 952	5	111	
.890	9.757 398	11	9.843 451	16	0.156 549	9.913 947	5	**.110**	
891	9.757 409	11	9.843 467	16	0.156 533	9.913 942	5	109	
892	9.757 420	11	9.843 483	16	0.156 517	9.913 937	6	108	
893	9.757 431	11	9.843 499	17	0.156 501	9.913 931	5	107	
894	9.757 442	10	9.843 516	16	0.156 484	9.913 926	5	106	
895	9.757 452	11	9.843 532	16	0.156 468	9.913 921	6	105	
896	9.757 463	11	9.843 548	16	0.156 452	9.913 915	5	104	
897	9.757 474	11	9.843 564	16	0.156 436	9.913 910	5	103	
898	9.757 485	11	9.843 580	16	0.156 420	9.913 905	5	102	
899	9.757 496	11	9.843 596	16	0.156 404	9.913 900	6	101	
.900	9.757 507		9.843 612		0.156 388	9.913 894		**.100**	
	cos	d	cotg	d	tang	sin	d	55°	P.P.

	17	16
1	1.7	1.6
2	3.4	3.2
3	5.1	4.8
4	6.8	6.4
5	8.5	8.0
6	10.2	9.6
7	11.9	11.2
8	13.6	12.8
9	15.3	14.4

	11	10
1	1.1	1.0
2	2.2	2.0
3	3.3	3.0
4	4.4	4.0
5	5.5	5.0
6	6.6	6.0
7	7.7	7.0
8	8.8	8.0
9	9.9	9.0

	6	5
1	0.6	0.5
2	1.2	1.0
3	1.8	1.5
4	2.4	2.0
5	3.0	2.5
6	3.6	3.0
7	4.2	3.5
8	4.8	4.0
9	5.4	4.5

55°.150 — 55°.100

34°.900 — 34°.950

34°	sin	d	tang	d	cotg	cos	d		P.P.
.900	9.757 507	11	9.843 612	17	0.156 388	9.913 894	5	.100	
901	9.757 518	11	9.843 629	16	0.156 371	9.913 889	5	099	
902	9.757 529	10	9.843 645	16	0.156 355	9.913 884	6	098	
903	9.757 539	11	9.843 661	16	0.156 339	9.913 878	5	097	
904	9.757 550	11	9.843 677	16	0.156 323	9.913 873	5	096	
905	9.757 561	11	9.843 693	16	0.156 307	9.913 868	5	095	
906	9.757 572	11	9.843 709	17	0.156 291	9.913 863	6	094	
907	9.757 583	11	9.843 726	16	0.156 274	9.913 857	5	093	
908	9.757 594	11	9.843 742	16	0.156 258	9.913 852	5	092	
909	9.757 605	10	9.843 758	16	0.156 242	9.913 847	6	091	
.910	9.757 615	11	9.843 774	16	0.156 226	9.913 841	5	.090	
911	9.757 626	11	9.843 790	16	0.156 210	9.913 836	5	089	
912	9.757 637	11	9.843 806	16	0.156 194	9.913 831	5	088	
913	9.757 648	11	9.843 822	17	0.156 178	9.913 826	6	087	
914	9.757 659	11	9.843 839	16	0.156 161	9.913 820	5	086	
915	9.757 670	11	9.843 855	16	0.156 145	9.913 815	5	085	
916	9.757 681	10	9.843 871	16	0.156 129	9.913 810	6	084	
917	9.757 691	11	9.843 887	16	0.156 113	9.913 804	5	083	
918	9.757 702	11	9.843 903	16	0.156 097	9.913 799	5	082	
919	9.757 713	11	9.843 919	17	0.156 081	9.913 794	6	081	
.920	9.757 724	11	9.843 936	16	0.156 064	9.913 788	5	.080	
921	9.757 735	11	9.843 952	16	0.156 048	9.913 783	5	079	
922	9.757 746	11	9.843 968	16	0.156 032	9.913 778	5	078	
923	9.757 757	10	9.843 984	16	0.156 016	9.913 773	6	077	
924	9.757 767	11	9.844 000	16	0.156 000	9.913 767	5	076	
925	9.757 778	11	9.844 016	16	0.155 984	9.913 762	5	075	
926	9.757 789	11	9.844 032	17	0.155 968	9.913 757	6	074	
927	9.757 800	11	9.844 049	16	0.155 951	9.913 751	5	073	
928	9.757 811	11	9.844 065	16	0.155 935	9.913 746	5	072	
929	9.757 822	11	9.844 081	16	0.155 919	9.913 741	5	071	
.930	9.757 833	10	9.844 097	16	0.155 903	9.913 736	6	.070	
931	9.757 843	11	9.844 113	16	0.155 887	9.913 730	5	069	
932	9.757 854	11	9.844 129	16	0.155 871	9.913 725	5	068	
933	9.757 865	11	9.844 145	17	0.155 855	9.913 720	6	067	
934	9.757 876	11	9.844 162	16	0.155 838	9.913 714	5	066	
935	9.757 887	11	9.844 178	16	0.155 822	9.913 709	5	065	
936	9.757 898	11	9.844 194	16	0.155 806	9.913 704	6	064	
937	9.757 909	10	9.844 210	16	0.155 790	9.913 698	5	063	
938	9.757 919	11	9.844 226	16	0.155 774	9.913 693	5	062	
939	9.757 930	11	9.844 242	16	0.155 758	9.913 688	5	061	
.940	9.757 941	11	9.844 258	17	0.155 742	9.913 683	6	.060	
941	9.757 952	11	9.844 275	16	0.155 725	9.913 677	5	059	
942	9.757 963	11	9.844 291	16	0.155 709	9.913 672	5	058	
943	9.757 974	10	9.844 307	16	0.155 693	9.913 667	6	057	
944	9.757 984	11	9.844 323	16	0.155 677	9.913 661	5	056	
945	9.757 995	11	9.844 339	16	0.155 661	9.913 656	5	055	
946	9.758 006	11	9.844 355	16	0.155 645	9.913 651	5	054	
947	9.758 017	11	9.844 371	17	0.155 629	9.913 646	6	053	
948	9.758 028	11	9.844 388	16	0.155 612	9.913 640	5	052	
949	9.758 039	11	9.844 404	16	0.155 596	9.913 635	5	051	
.950	9.758 050		9.844 420		0.155 580	9.913 630		.050	
	cos	d	cotg	d	tang	sin	d	55°	P.P.

	17	16
1	1.7	1.6
2	3.4	3.2
3	5.1	4.8
4	6.8	6.4
5	8.5	8.0
6	10.2	9.6
7	11.9	11.2
8	13.6	12.8
9	15.3	14.4

	11	10
1	1.1	1.0
2	2.2	2.0
3	3.3	3.0
4	4.4	4.0
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6	6.6	6.0
7	7.7	7.0
8	8.8	8.0
9	9.9	9.0

	6	5
1	0.6	0.5
2	1.2	1.0
3	1.8	1.5
4	2.4	2.0
5	3.0	2.5
6	3.6	3.0
7	4.2	3.5
8	4.8	4.0
9	5.4	4.5

55°.100 — 55°.050

34°.950 — 35°.000

34°	sin	d	tang	d	cotg	cos	d		P.P.
.950	9.758 050	10	9.844 420	16	0.155 580	9.913 630	6	**.050**	
951	9.758 060	11	9.844 436	16	0.155 564	9.913 624	5	049	
952	9.758 071	11	9.844 452	16	0.155 548	9.913 619	5	048	
953	9.758 082	11	9.844 468	16	0.155 532	9.913 614	6	047	
954	9.758 093	11	9.844 484	17	0.155 516	9.913 608	5	046	
955	9.758 104	11	9.844 501	16	0.155 499	9.913 603	5	045	
956	9.758 115	10	9.844 517	16	0.155 483	9.913 598	5	044	
957	9.758 125	11	9.844 533	16	0.155 467	9.913 593	6	043	
958	9.758 136	11	9.844 549	16	0.155 451	9.913 587	5	042	
959	9.758 147	11	9.844 565	16	0.155 435	9.913 582	5	041	
.960	9.758 158	11	9.844 581	16	0.155 419	9.913 577	6	**.040**	
961	9.758 169	11	9.844 597	17	0.155 403	9.913 571	5	039	
962	9.758 180	10	9.844 614	16	0.155 386	9.913 566	5	038	
963	9.758 190	11	9.844 630	16	0.155 370	9.913 561	6	037	
964	9.758 201	11	9.844 646	16	0.155 354	9.913 555	5	036	
965	9.758 212	11	9.844 662	16	0.155 338	9.913 550	5	035	
966	9.758 223	11	9.844 678	16	0.155 322	9.913 545	5	034	
967	9.758 234	11	9.844 694	16	0.155 306	9.913 540	6	033	
968	9.758 245	11	9.844 710	17	0.155 290	9.913 534	5	032	
969	9.758 256	10	9.844 727	16	0.155 273	9.913 529	5	031	
.970	9.758 266	11	9.844 743	16	0.155 257	9.913 524	6	**.030**	
971	9.758 277	11	9.844 759	16	0.155 241	9.913 518	5	029	
972	9.758 288	11	9.844 775	16	0.155 225	9.913 513	5	028	
973	9.758 299	11	9.844 791	16	0.155 209	9.913 508	6	027	
974	9.758 310	11	9.844 807	16	0.155 193	9.913 502	5	026	
975	9.758 321	10	9.844 823	17	0.155 177	9.913 497	5	025	
976	9.758 331	11	9.844 840	16	0.155 160	9.913 492	5	024	
977	9.758 342	11	9.844 856	16	0.155 144	9.913 487	6	023	
978	9.758 353	11	9.844 872	16	0.155 128	9.913 481	5	022	
979	9.758 364	11	9.844 888	16	0.155 112	9.913 476	5	021	
.980	9.758 375	11	9.844 904	16	0.155 096	9.913 471	6	**.020**	
981	9.758 386	10	9.844 920	16	0.155 080	9.913 465	5	019	
982	9.758 396	11	9.844 936	16	0.155 064	9.913 460	5	018	
983	9.758 407	11	9.844 952	17	0.155 048	9.913 455	6	017	
984	9.758 418	11	9.844 969	16	0.155 031	9.913 449	5	016	
985	9.758 429	11	9.844 985	16	0.155 015	9.913 444	5	015	
986	9.758 440	11	9.845 001	16	0.154 999	9.913 439	5	014	
987	9.758 451	10	9.845 017	16	0.154 983	9.913 434	6	013	
988	9.758 461	11	9.845 033	16	0.154 967	9.913 428	5	012	
989	9.758 472	11	9.845 049	16	0.154 951	9.913 423	5	011	
.990	9.758 483	11	9.845 065	17	0.154 935	9.913 418	6	**.010**	
991	9.758 494	11	9.845 082	16	0.154 918	9.913 412	5	009	
992	9.758 505	11	9.845 098	16	0.154 902	9.913 407	5	008	
993	9.758 516	10	9.845 114	16	0.154 886	9.913 402	6	007	
994	9.758 526	11	9.845 130	16	0.154 870	9.913 396	5	006	
995	9.758 537	11	9.845 146	16	0.154 854	9.913 391	5	005	
996	9.758 548	11	9.845 162	16	0.154 838	9.913 386	6	004	
997	9.758 559	11	9.845 178	17	0.154 822	9.913 380	5	003	
998	9.758 570	10	9.845 195	16	0.154 805	9.913 375	5	002	
999	9.758 580	11	9.845 211	16	0.154 789	9.913 370	5	001	
*000	9.758 591		9.845 227		0.154 773	9.913 365		**.000**	
	cos	d	cotg	d	tang	sin	d	**55°**	P.P.

	17	16
1	1.7	1.6
2	3.4	3.2
3	5.1	4.8
4	6.8	6.4
5	8.5	8.0
6	10.2	9.6
7	11.9	11.2
8	13.6	12.8
9	15.3	14.4

	11	10
1	1.1	1.0
2	2.2	2.0
3	3.3	3.0
4	4.4	4.0
5	5.5	5.0
6	6.6	6.0
7	7.7	7.0
8	8.8	8.0
9	9.9	9.0

	6	5
1	0.6	0.5
2	1.2	1.0
3	1.8	1.5
4	2.4	2.0
5	3.0	2.5
6	3.6	3.0
7	4.2	3.5
8	4.8	4.0
9	5.4	4.5

55°.050 — 55°.000

35°.000 — 35°.050

35°	sin	d	tang	d	cotg	cos	d		P.P.
.000	9.758 591	11	9.845 227	16	0.154 773	9.913 365	6	*000	
001	9.758 602	11	9.845 243	16	0.154 757	9.913 359	5	999	
002	9.758 613	11	9.845 259	16	0.154 741	9.913 354	5	998	
003	9.758 624	11	9.845 275	16	0.154 725	9.913 349	6	997	
004	9.758 635	10	9.845 291	16	0.154 709	9.913 343	5	996	
005	9.758 645	11	9.845 307	17	0.154 693	9.913 338	5	995	
006	9.758 656	11	9.845 324	16	0.154 676	9.913 333	6	994	
007	9.758 667	11	9.845 340	16	0.154 660	9.913 327	5	993	
008	9.758 678	11	9.845 356	16	0.154 644	9.913 322	5	992	
009	9.758 689	11	9.845 372	16	0.154 628	9.913 317	6	991	
.010	9.758 700	10	9.845 388	16	0.154 612	9.913 311	5	**.990**	
011	9.758 710	11	9.845 404	16	0.154 596	9.913 306	5	989	
012	9.758 721	11	9.845 420	16	0.154 580	9.913 301	5	988	
013	9.758 732	11	9.845 436	17	0.154 564	9.913 296	6	987	
014	9.758 743	11	9.845 453	16	0.154 547	9.913 290	5	986	
015	9.758 754	10	9.845 469	16	0.154 531	9.913 285	5	985	
016	9.758 764	11	9.845 485	16	0.154 515	9.913 280	6	984	
017	9.758 775	11	9.845 501	16	0.154 499	9.913 274	5	983	
018	9.758 786	11	9.845 517	16	0.154 483	9.913 269	5	982	
019	9.758 797	11	9.845 533	16	0.154 467	9.913 264	6	981	
.020	9.758 808	11	9.845 549	17	0.154 451	9.913 258	5	**.980**	
021	9.758 819	10	9.845 566	16	0.154 434	9.913 253	5	979	
022	9.758 829	11	9.845 582	16	0.154 418	9.913 248	6	978	
023	9.758 840	11	9.845 598	16	0.154 402	9.913 242	5	977	
024	9.758 851	11	9.845 614	16	0.154 386	9.913 237	5	976	
025	9.758 862	11	9.845 630	16	0.154 370	9.913 232	6	975	
026	9.758 873	10	9.845 646	16	0.154 354	9.913 226	5	974	
027	9.758 883	11	9.845 662	16	0.154 338	9.913 221	5	973	
028	9.758 894	11	9.845 678	17	0.154 322	9.913 216	5	972	
029	9.758 905	11	9.845 695	16	0.154 305	9.913 211	6	971	
.030	9.758 916	11	9.845 711	16	0.154 289	9.913 205	5	**.970**	
031	9.758 927	11	9.845 727	16	0.154 273	9.913 200	5	969	
032	9.758 938	10	9.845 743	16	0.154 257	9.913 195	6	968	
033	9.758 948	11	9.845 759	16	0.154 241	9.913 189	5	967	
034	9.758 959	11	9.845 775	16	0.154 225	9.913 184	5	966	
035	9.758 970	11	9.845 791	16	0.154 209	9.913 179	6	965	
036	9.758 981	11	9.845 807	17	0.154 193	9.913 173	5	964	
037	9.758 992	10	9.845 824	16	0.154 176	9.913 168	5	963	
038	9.759 002	11	9.845 840	16	0.154 160	9.913 163	6	962	
039	9.759 013	11	9.845 856	16	0.154 144	9.913 157	5	961	
.040	9.759 024	11	9.845 872	16	0.154 128	9.913 152	5	**.960**	
041	9.759 035	11	9.845 888	16	0.154 112	9.913 147	6	959	
042	9.759 046	10	9.845 904	16	0.154 096	9.913 141	5	958	
043	9.759 056	11	9.845 920	16	0.154 080	9.913 136	5	957	
044	9.759 067	11	9.845 936	17	0.154 064	9.913 131	6	956	
045	9.759 078	11	9.845 953	16	0.154 047	9.913 125	5	955	
046	9.759 089	11	9.845 969	16	0.154 031	9.913 120	5	954	
047	9.759 100	10	9.845 985	16	0.154 015	9.913 115	5	953	
048	9.759 110	11	9.846 001	16	0.153 999	9.913 110	6	952	
049	9.759 121	11	9.846 017	16	0.153 983	9.913 104	5	951	
.050	9.759 132		9.846 033		0.153 967	9.913 099		**.950**	
	cos	d	cotg	d	tang	sin	d	54°	P.P.

	17	16
1	1.7	1.6
2	3.4	3.2
3	5.1	4.8
4	6.8	6.4
5	8.5	8.0
6	10.2	9.6
7	11.9	11.2
8	13.6	12.8
9	15.3	14.4

	11	10
1	1.1	1.0
2	2.2	2.0
3	3.3	3.0
4	4.4	4.0
5	5.5	5.0
6	6.6	6.0
7	7.7	7.0
8	8.8	8.0
9	9.9	9.0

	6	5
1	0.6	0.5
2	1.2	1.0
3	1.8	1.5
4	2.4	2.0
5	3.0	2.5
6	3.6	3.0
7	4.2	3.5
8	4.8	4.0
9	5.4	4.5

55°.000 — 54°.950

35°.050 — 35°.100

35°	sin	d	tang	d	cotg	cos	d		P.P.
.050	9.759 132	11	9.846 033	16	0.153 967	9.913 099	5	.950	
051	9.759 143	11	9.846 049	16	0.153 951	9.913 094	6	949	
052	9.759 154	10	9.846 065	17	0.153 935	9.913 088	5	948	
053	9.759 164	11	9.846 082	16	0.153 918	9.913 083	5	947	
054	9.759 175	11	9.846 098	16	0.153 902	9.913 078	6	946	
055	9.759 186	11	9.846 114	16	0.153 886	9.913 072	5	945	
056	9.759 197	11	9.846 130	16	0.153 870	9.913 067	5	944	
057	9.759 208	10	9.846 146	16	0.153 854	9.913 062	6	943	
058	9.759 218	11	9.846 162	16	0.153 838	9.913 056	5	942	
059	9.759 229	11	9.846 178	16	0.153 822	9.913 051	5	941	
.060	9.759 240	11	9.846 194	16	0.153 806	9.913 046	6	.940	
061	9.759 251	11	9.846 210	17	0.153 790	9.913 040	5	939	
062	9.759 262	10	9.846 227	16	0.153 773	9.913 035	5	938	
063	9.759 272	11	9.846 243	16	0.153 757	9.913 030	6	937	
064	9.759 283	11	9.846 259	16	0.153 741	9.913 024	5	936	
065	9.759 294	11	9.846 275	16	0.153 725	9.913 019	5	935	
066	9.759 305	11	9.846 291	16	0.153 709	9.913 014	6	934	
067	9.759 316	10	9.846 307	16	0.153 693	9.913 008	5	933	
068	9.759 326	11	9.846 323	16	0.153 677	9.913 003	5	932	
069	9.759 337	11	9.846 339	17	0.153 661	9.912 998	5	931	
.070	9.759 348	11	9.846 356	16	0.153 644	9.912 993	6	.930	
071	9.759 359	11	9.846 372	16	0.153 628	9.912 987	5	929	
072	9.759 370	10	9.846 388	16	0.153 612	9.912 982	5	928	
073	9.759 380	11	9.846 404	16	0.153 596	9.912 977	6	927	
074	9.759 391	11	9.846 420	16	0.153 580	9.912 971	5	926	
075	9.759 402	11	9.846 436	16	0.153 564	9.912 966	5	925	
076	9.759 413	11	9.846 452	16	0.153 548	9.912 961	6	924	
077	9.759 424	10	9.846 468	17	0.153 532	9.912 955	5	923	
078	9.759 434	11	9.846 485	16	0.153 515	9.912 950	5	922	
079	9.759 445	11	9.846 501	16	0.153 499	9.912 945	6	921	
.080	9.759 456	11	9.846 517	16	0.153 483	9.912 939	5	.920	
081	9.759 467	11	9.846 533	16	0.153 467	9.912 934	5	919	
082	9.759 478	10	9.846 549	16	0.153 451	9.912 929	6	918	
083	9.759 488	11	9.846 565	16	0.153 435	9.912 923	5	917	
084	9.759 499	11	9.846 581	16	0.153 419	9.912 918	5	916	
085	9.759 510	11	9.846 597	16	0.153 403	9.912 913	6	915	
086	9.759 521	11	9.846 613	17	0.153 387	9.912 907	5	914	
087	9.759 532	10	9.846 630	16	0.153 370	9.912 902	5	913	
088	9.759 542	11	9.846 646	16	0.153 354	9.912 897	6	912	
089	9.759 553	11	9.846 662	16	0.153 338	9.912 891	5	911	
.090	9.759 564	11	9.846 678	16	0.153 322	9.912 886	5	.910	
091	9.759 575	11	9.846 694	16	0.153 306	9.912 881	6	909	
092	9.759 586	10	9.846 710	16	0.153 290	9.912 875	5	908	
093	9.759 596	11	9.846 726	16	0.153 274	9.912 870	5	907	
094	9.759 607	11	9.846 742	16	0.153 258	9.912 865	6	906	
095	9.759 618	11	9.846 758	17	0.153 242	9.912 859	5	905	
096	9.759 629	10	9.846 775	16	0.153 225	9.912 854	5	904	
097	9.759 639	11	9.846 791	16	0.153 209	9.912 849	6	903	
098	9.759 650	11	9.846 807	16	0.153 193	9.912 843	5	902	
099	9.759 661	11	9.846 823	16	0.153 177	9.912 838	5	901	
.100	9.759 672		9.846 839		0.153 161	9.912 833		.900	
	cos	d	cotg	d	tang	sin	d	54°	P.P.

	17	16
1	1.7	1.6
2	3.4	3.2
3	5.1	4.8
4	6.8	6.4
5	8.5	8.0
6	10.2	9.6
7	11.9	11.2
8	13.6	12.8
9	15.3	14.4

	11	10
1	1.1	1.0
2	2.2	2.0
3	3.3	3.0
4	4.4	4.0
5	5.5	5.0
6	6.6	6.0
7	7.7	7.0
8	8.8	8.0
9	9.9	9.0

	6	5
1	0.6	0.5
2	1.2	1.0
3	1.8	1.5
4	2.4	2.0
5	3.0	2.5
6	3.6	3.0
7	4.2	3.5
8	4.8	4.0
9	5.4	4.5

54°.950 — 54°.900

35°.100 — 35°.150

35°	sin	d	tang	d	cotg	cos	d		P.P.
.100	9.759 672	11	9.846 839	16	0.153 161	9.912 833	6	.900	
101	9.759 683	10	9.846 855	16	0.153 145	9.912 827	5	899	
102	9.759 693	11	9.846 871	16	0.153 129	9.912 822	5	898	
103	9.759 704	11	9.846 887	16	0.153 113	9.912 817	6	897	
104	9.759 715	11	9.846 903	17	0.153 097	9.912 811	5	896	
105	9.759 726	11	9.846 920	16	0.153 080	9.912 806	5	895	
106	9.759 737	10	9.846 936	16	0.153 064	9.912 801	6	894	
107	9.759 747	11	9.846 952	16	0.153 048	9.912 795	5	893	
108	9.759 758	11	9.846 968	16	0.153 032	9.912 790	5	892	
109	9.759 769	11	9.846 984	16	0.153 016	9.912 785	5	891	
.110	9.759 780	10	9.847 000	16	0.153 000	9.912 780	6	.890	
111	9.759 790	11	9.847 016	16	0.152 984	9.912 774	5	889	
112	9.759 801	11	9.847 032	16	0.152 968	9.912 769	5	888	
113	9.759 812	11	9.847 048	17	0.152 952	9.912 764	6	887	
114	9.759 823	11	9.847 065	16	0.152 935	9.912 758	5	886	
115	9.759 834	10	9.847 081	16	0.152 919	9.912 753	5	885	
116	9.759 844	11	9.847 097	16	0.152 903	9.912 748	6	884	
117	9.759 855	11	9.847 113	16	0.152 887	9.912 742	5	883	
118	9.759 866	11	9.847 129	16	0.152 871	9.912 737	5	882	
119	9.759 877	10	9.847 145	16	0.152 855	9.912 732	6	881	
.120	9.759 887	11	9.847 161	16	0.152 839	9.912 726	5	.880	
121	9.759 898	11	9.847 177	16	0.152 823	9.912 721	5	879	
122	9.759 909	11	9.847 193	17	0.152 807	9.912 716	6	878	
123	9.759 920	11	9.847 210	16	0.152 790	9.912 710	5	877	
124	9.759 931	10	9.847 226	16	0.152 774	9.912 705	5	876	
125	9.759 941	11	9.847 242	16	0.152 758	9.912 700	6	875	
126	9.759 952	11	9.847 258	16	0.152 742	9.912 694	5	874	
127	9.759 963	11	9.847 274	16	0.152 726	9.912 689	5	873	
128	9.759 974	10	9.847 290	16	0.152 710	9.912 684	6	872	
129	9.759 984	11	9.847 306	16	0.152 694	9.912 678	5	871	
.130	9.759 995	11	9.847 322	16	0.152 678	9.912 673	5	.870	
131	9.760 006	11	9.847 338	17	0.152 662	9.912 668	6	869	
132	9.760 017	11	9.847 355	16	0.152 645	9.912 662	5	868	
133	9.760 028	10	9.847 371	16	0.152 629	9.912 657	5	867	
134	9.760 038	11	9.847 387	16	0.152 613	9.912 652	6	866	
135	9.760 049	11	9.847 403	16	0.152 597	9.912 646	5	865	
136	9.760 060	11	9.847 419	16	0.152 581	9.912 641	5	864	
137	9.760 071	10	9.847 435	16	0.152 565	9.912 636	6	863	
138	9.760 081	11	9.847 451	16	0.152 549	9.912 630	5	862	
139	9.760 092	11	9.847 467	16	0.152 533	9.912 625	5	861	
.140	9.760 103	11	9.847 483	16	0.152 517	9.912 620	6	.860	
141	9.760 114	10	9.847 499	17	0.152 501	9.912 614	5	859	
142	9.760 124	11	9.847 516	16	0.152 484	9.912 609	5	858	
143	9.760 135	11	9.847 532	16	0.152 468	9.912 604	6	857	
144	9.760 146	11	9.847 548	16	0.152 452	9.912 598	5	856	
145	9.760 157	11	9.847 564	16	0.152 436	9.912 593	5	855	
146	9.760 168	10	9.847 580	16	0.152 420	9.912 588	6	854	
147	9.760 178	11	9.847 596	16	0.152 404	9.912 582	5	853	
148	9.760 189	11	9.847 612	16	0.152 388	9.912 577	5	852	
149	9.760 200	11	9.847 628	16	0.152 372	9.912 572	6	851	
.150	9.760 211		9.847 644		0.152 356	9.912 566		.850	
	cos	d	cotg	d	tang	sin	d	54°	P.P.

	17	16
1	1.7	1.6
2	3.4	3.2
3	5.1	4.8
4	6.8	6.4
5	8.5	8.0
6	10.2	9.6
7	11.9	11.2
8	13.6	12.8
9	15.3	14.4

	11	10
1	1.1	1.0
2	2.2	2.0
3	3.3	3.0
4	4.4	4.0
5	5.5	5.0
6	6.6	6.0
7	7.7	7.0
8	8.8	8.0
9	9.9	9.0

	6	5
1	0.6	0.5
2	1.2	1.0
3	1.8	1.5
4	2.4	2.0
5	3.0	2.5
6	3.6	3.0
7	4.2	3.5
8	4.8	4.0
9	5.4	4.5

54°.900 — 54°.850

35°.150 — 35°.200

35°	sin	d	tang	d	cotg	cos	d		P.P.
.150	9.760 211	10	9.847 644	16	0.152 356	9.912 566	5	**.850**	
151	9.760 221	11	9.847 660	17	0.152 340	9.912 561	5	849	
152	9.760 232	11	9.847 677	16	0.152 323	9.912 556	6	848	
153	9.760 243	11	9.847 693	16	0.152 307	9.912 550	5	847	
154	9.760 254	10	9.847 709	16	0.152 291	9.912 545	6	846	
155	9.760 264	11	9.847 725	16	0.152 275	9.912 539	5	845	
156	9.760 275	11	9.847 741	16	0.152 259	9.912 534	5	844	
157	9.760 286	11	9.847 757	16	0.152 243	9.912 529	6	843	
158	9.760 297	10	9.847 773	16	0.152 227	9.912 523	5	842	
159	9.760 307	11	9.847 789	16	0.152 211	9.912 518	5	841	
.160	9.760 318	11	9.847 805	17	0.152 195	9.912 513	6	**.840**	
161	9.760 329	11	9.847 822	16	0.152 178	9.912 507	5	839	
162	9.760 340	10	9.847 838	16	0.152 162	9.912 502	5	838	
163	9.760 350	11	9.847 854	16	0.152 146	9.912 497	6	837	
164	9.760 361	11	9.847 870	16	0.152 130	9.912 491	5	836	
165	9.760 372	11	9.847 886	16	0.152 114	9.912 486	5	835	
166	9.760 383	11	9.847 902	16	0.152 098	9.912 481	6	834	
167	9.760 394	10	9.847 918	16	0.152 082	9.912 475	5	833	
168	9.760 404	11	9.847 934	16	0.152 066	9.912 470	5	832	
169	9.760 415	11	9.847 950	16	0.152 050	9.912 465	6	831	
.170	9.760 426	11	9.847 966	16	0.152 034	9.912 459	5	**.830**	
171	9.760 437	10	9.847 982	17	0.152 018	9.912 454	5	829	
172	9.760 447	11	9.847 999	16	0.152 001	9.912 449	6	828	
173	9.760 458	11	9.848 015	16	0.151 985	9.912 443	5	827	
174	9.760 469	11	9.848 031	16	0.151 969	9.912 438	5	826	
175	9.760 480	10	9.848 047	16	0.151 953	9.912 433	6	825	
176	9.760 490	11	9.848 063	16	0.151 937	9.912 427	5	824	
177	9.760 501	11	9.848 079	16	0.151 921	9.912 422	5	823	
178	9.760 512	11	9.848 095	16	0.151 905	9.912 417	6	822	
179	9.760 523	10	9.848 111	16	0.151 889	9.912 411	5	821	
.180	9.760 533	11	9.848 127	16	0.151 873	9.912 406	5	**.820**	
181	9.760 544	11	9.848 143	17	0.151 857	9.912 401	6	819	
182	9.760 555	11	9.848 160	16	0.151 840	9.912 395	5	818	
183	9.760 566	10	9.848 176	16	0.151 824	9.912 390	5	817	
184	9.760 576	11	9.848 192	16	0.151 808	9.912 385	6	816	
185	9.760 587	11	9.848 208	16	0.151 792	9.912 379	5	815	
186	9.760 598	11	9.848 224	16	0.151 776	9.912 374	5	814	
187	9.760 609	10	9.848 240	16	0.151 760	9.912 369	6	813	
188	9.760 619	11	9.848 256	16	0.151 744	9.912 363	5	812	
189	9.760 630	11	9.848 272	16	0.151 728	9.912 358	5	811	
.190	9.760 641	11	9.848 288	16	0.151 712	9.912 353	6	**.810**	
191	9.760 652	10	9.848 304	17	0.151 696	9.912 347	5	809	
192	9.760 662	11	9.848 321	16	0.151 679	9.912 342	6	808	
193	9.760 673	11	9.848 337	16	0.151 663	9.912 336	5	807	
194	9.760 684	11	9.848 353	16	0.151 647	9.912 331	5	806	
195	9.760 695	10	9.848 369	16	0.151 631	9.912 326	6	805	
196	9.760 705	11	9.848 385	16	0.151 615	9.912 320	5	804	
197	9.760 716	11	9.848 401	16	0.151 599	9.912 315	5	803	
198	9.760 727	11	9.848 417	16	0.151 583	9.912 310	6	802	
199	9.760 738	10	9.848 433	16	0.151 567	9.912 304	5	801	
.200	9.760 748		9.848 449		0.151 551	9.912 299		**.800**	
	cos	d	cotg	d	tang	sin	d	54°	P.P.

	17	16
1	1.7	1.6
2	3.4	3.2
3	5.1	4.8
4	6.8	6.4
5	8.5	8.0
6	10.2	9.6
7	11.9	11.2
8	13.6	12.8
9	15.3	14.4

	11	10
1	1.1	1.0
2	2.2	2.0
3	3.3	3.0
4	4.4	4.0
5	5.5	5.0
6	6.6	6.0
7	7.7	7.0
8	8.8	8.0
9	9.9	9.0

	6	5
1	0.6	0.5
2	1.2	1.0
3	1.8	1.5
4	2.4	2.0
5	3.0	2.5
6	3.6	3.0
7	4.2	3.5
8	4.8	4.0
9	5.4	4.5

54°.850 — 54°.800

35°.200 — 35°.250

35°	sin	d	tang	d	cotg	cos	d		P.P.
.200	9.760 748	11	9.848 449	16	0.151 551	9.912 299	5	**.800**	
201	9.760 759	11	9.848 465	16	0.151 535	9.912 294	6	799	
202	9.760 770	11	9.848 481	17	0.151 519	9.912 288	5	798	
203	9.760 781	10	9.848 498	16	0.151 502	9.912 283	5	797	
204	9.760 791	11	9.848 514	16	0.151 486	9.912 278	6	796	
205	9.760 802	11	9.848 530	16	0.151 470	9.912 272	5	795	
206	9.760 813	11	9.848 546	16	0.151 454	9.912 267	5	794	
207	9.760 824	10	9.848 562	16	0.151 438	9.912 262	6	793	
208	9.760 834	11	9.848 578	16	0.151 422	9.912 256	5	792	
209	9.760 845	11	9.848 594	16	0.151 406	9.912 251	5	791	
.210	9.760 856	10	9.848 610	16	0.151 390	9.912 246	6	**.790**	
211	9.760 866	11	9.848 626	16	0.151 374	9.912 240	5	789	
212	9.760 877	11	9.848 642	16	0.151 358	9.912 235	5	788	
213	9.760 888	11	9.848 658	17	0.151 342	9.912 230	6	787	
214	9.760 899	10	9.848 675	16	0.151 325	9.912 224	5	786	
215	9.760 909	11	9.848 691	16	0.151 309	9.912 219	6	785	
216	9.760 920	11	9.848 707	16	0.151 293	9.912 213	5	784	
217	9.760 931	11	9.848 723	16	0.151 277	9.912 208	5	783	
218	9.760 942	10	9.848 739	16	0.151 261	9.912 203	6	782	
219	9.760 952	11	9.848 755	16	0.151 245	9.912 197	5	781	
.220	9.760 963	11	9.848 771	16	0.151 229	9.912 192	5	**.780**	
221	9.760 974	11	9.848 787	16	0.151 213	9.912 187	6	779	
222	9.760 985	10	9.848 803	16	0.151 197	9.912 181	5	778	
223	9.760 995	11	9.848 819	16	0.151 181	9.912 176	5	777	
224	9.761 006	11	9.848 835	16	0.151 165	9.912 171	6	776	
225	9.761 017	11	9.848 851	17	0.151 149	9.912 165	5	775	
226	9.761 028	10	9.848 868	16	0.151 132	9.912 160	5	774	
227	9.761 038	11	9.848 884	16	0.151 116	9.912 155	6	773	
228	9.761 049	11	9.848 900	16	0.151 100	9.912 149	5	772	
229	9.761 060	10	9.848 916	16	0.151 084	9.912 144	5	771	
.230	9.761 070	11	9.848 932	16	0.151 068	9.912 139	6	**.770**	
231	9.761 081	11	9.848 948	16	0.151 052	9.912 133	5	769	
232	9.761 092	11	9.848 964	16	0.151 036	9.912 128	5	768	
233	9.761 103	10	9.848 980	16	0.151 020	9.912 123	6	767	
234	9.761 113	11	9.848 996	16	0.151 004	9.912 117	5	766	
235	9.761 124	11	9.849 012	16	0.150 988	9.912 112	6	765	
236	9.761 135	11	9.849 028	17	0.150 972	9.912 106	5	764	
237	9.761 146	10	9.849 045	16	0.150 955	9.912 101	5	763	
238	9.761 156	11	9.849 061	16	0.150 939	9.912 096	6	762	
239	9.761 167	11	9.849 077	16	0.150 923	9.912 090	5	761	
.240	9.761 178	11	9.849 093	16	0.150 907	9.912 085	5	**.760**	
241	9.761 189	10	9.849 109	16	0.150 891	9.912 080	6	759	
242	9.761 199	11	9.849 125	16	0.150 875	9.912 074	5	758	
243	9.761 210	11	9.849 141	16	0.150 859	9.912 069	5	757	
244	9.761 221	10	9.849 157	16	0.150 843	9.912 064	6	756	
245	9.761 231	11	9.849 173	16	0.150 827	9.912 058	5	755	
246	9.761 242	11	9.849 189	16	0.150 811	9.912 053	5	754	
247	9.761 253	11	9.849 205	16	0.150 795	9.912 048	6	753	
248	9.761 264	10	9.849 221	17	0.150 779	9.912 042	5	752	
249	9.761 274	11	9.849 238	16	0.150 762	9.912 037	6	751	
.250	9.761 285		9.849 254		0.150 746	9.912 031		**.750**	
	cos	d	cotg	d	tang	sin	d	54°	P.P.

	17	16
1	1.7	1.6
2	3.4	3.2
3	5.1	4.8
4	6.8	6.4
5	8.5	8.0
6	10.2	9.6
7	11.9	11.2
8	13.6	12.8
9	15.3	14.4

	11	10
1	1.1	1.0
2	2.2	2.0
3	3.3	3.0
4	4.4	4.0
5	5.5	5.0
6	6.6	6.0
7	7.7	7.0
8	8.8	8.0
9	9.9	9.0

	6	5
1	0.6	0.5
2	1.2	1.0
3	1.8	1.5
4	2.4	2.0
5	3.0	2.5
6	3.6	3.0
7	4.2	3.5
8	4.8	4.0
9	5.4	4.5

54°.800 — 54°.750

35°.250 — 35°.300

35°	sin	d	tang	d	cotg	cos	d		P.P.
.250	9.761 285	11	9.849 254	16	0.150 746	9.912 031	5	**.750**	
251	9.761 296	11	9.849 270	16	0.150 730	9.912 026	5	749	
252	9.761 307	10	9.849 286	16	0.150 714	9.912 021	6	748	
253	9.761 317	11	9.849 302	16	0.150 698	9.912 015	5	747	
254	9.761 328	11	9.849 318	16	0.150 682	9.912 010	5	746	
255	9.761 339	10	9.849 334	16	0.150 666	9.912 005	6	745	
256	9.761 349	11	9.849 350	16	0.150 650	9.911 999	5	744	
257	9.761 360	11	9.849 366	16	0.150 634	9.911 994	5	743	
258	9.761 371	11	9.849 382	16	0.150 618	9.911 989	6	742	
259	9.761 382	10	9.849 398	16	0.150 602	9.911 983	5	741	
.260	9.761 392	11	9.849 414	16	0.150 586	9.911 978	5	**.740**	
261	9.761 403	11	9.849 430	17	0.150 570	9.911 973	6	739	
262	9.761 414	10	9.849 447	16	0.150 553	9.911 967	5	738	
263	9.761 424	11	9.849 463	16	0.150 537	9.911 962	6	737	
264	9.761 435	11	9.849 479	16	0.150 521	9.911 956	5	736	
265	9.761 446	11	9.849 495	16	0.150 505	9.911 951	5	735	
266	9.761 457	10	9.849 511	16	0.150 489	9.911 946	6	734	
267	9.761 467	11	9.849 527	16	0.150 473	9.911 940	5	733	
268	9.761 478	11	9.849 543	16	0.150 457	9.911 935	5	732	
269	9.761 489	11	9.849 559	16	0.150 441	9.911 930	6	731	
.270	9.761 500	10	9.849 575	16	0.150 425	9.911 924	5	**.730**	
271	9.761 510	11	9.849 591	16	0.150 409	9.911 919	5	729	
272	9.761 521	11	9.849 607	16	0.150 393	9.911 914	6	728	
273	9.761 532	10	9.849 623	17	0.150 377	9.911 908	5	727	
274	9.761 542	11	9.849 640	16	0.150 360	9.911 903	6	726	
275	9.761 553	11	9.849 656	16	0.150 344	9.911 897	5	725	
276	9.761 564	11	9.849 672	16	0.150 328	9.911 892	5	724	
277	9.761 575	10	9.849 688	16	0.150 312	9.911 887	6	723	
278	9.761 585	11	9.849 704	16	0.150 296	9.911 881	5	722	
279	9.761 596	11	9.849 720	16	0.150 280	9.911 876	5	721	
.280	9.761 607	10	9.849 736	16	0.150 264	9.911 871	6	**.720**	
281	9.761 617	11	9.849 752	16	0.150 248	9.911 865	5	719	
282	9.761 628	11	9.849 768	16	0.150 232	9.911 860	5	718	
283	9.761 639	11	9.849 784	16	0.150 216	9.911 855	6	717	
284	9.761 650	10	9.849 800	16	0.150 200	9.911 849	5	716	
285	9.761 660	11	9.849 816	16	0.150 184	9.911 844	6	715	
286	9.761 671	11	9.849 832	17	0.150 151	9.911 838	5	714	
287	9.761 682	10	9.849 849	16	0.150 135	9.911 833	5	713	
288	9.761 692	11	9.849 865	16	0.150 119	9.911 828	6	712	
289	9.761 703	11	9.849 881	16	0.150 103	9.911 822	5	711	
.290	9.761 714	10	9.849 897	16	0.150 087	9.911 817	5	**.710**	
291	9.761 724	11	9.849 913	16	0.150 071	9.911 812	6	709	
292	9.761 735	11	9.849 929	16	0.150 055	9.911 806	5	708	
293	9.761 746	11	9.849 945	16	0.150 039	9.911 801	5	707	
294	9.761 757	10	9.849 961	16	0.150 023	9.911 796	6	706	
295	9.761 767	11	9.849 977	16	0.150 007	9.911 790	5	705	
296	9.761 778	11	9.849 993	16	0.149 991	9.911 785	6	704	
297	9.761 789	10	9.850 009	16	0.149 975	9.911 779	5	703	
298	9.761 799	11	9.850 025	16	0.149 959	9.911 774	5	702	
299	9.761 810	11	9.850 041	16	0.149 943	9.911 769	6	701	
.300	9.761 821		9.850 057			9.911 763		**.700**	
	cos	d	cotg	d	tang	sin	d	54°	P.P.

	17	16
1	1.7	1.6
2	3.4	3.2
3	5.1	4.8
4	6.8	6.4
5	8.5	8.0
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7	11.9	11.2
8	13.6	12.8
9	15.3	14.4

	11	10
1	1.1	1.0
2	2.2	2.0
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6	6.6	6.0
7	7.7	7.0
8	8.8	8.0
9	9.9	9.0

	6	5
1	0.6	0.5
2	1.2	1.0
3	1.8	1.5
4	2.4	2.0
5	3.0	2.5
6	3.6	3.0
7	4.2	3.5
8	4.8	4.0
9	5.4	4.5

54°.750 — 54°.700

35°.300 — 35°.350

35°	sin	d	tang	d	cotg	cos	d		P.P.
.300	9.761 821	11	9.850 057	17	0.149 943	9.911 763	5	.700	
301	9.761 832	10	9.850 074	16	0.149 926	9.911 758	5	699	
302	9.761 842	11	9.850 090	16	0.149 910	9.911 753	6	698	
303	9.761 853	11	9.850 106	16	0.149 894	9.911 747	5	697	
304	9.761 864	10	9.850 122	16	0.149 878	9.911 742	5	696	
305	9.761 874	11	9.850 138	16	0.149 862	9.911 737	6	695	
306	9.761 885	11	9.850 154	16	0.149 846	9.911 731	5	694	
307	9.761 896	10	9.850 170	16	0.149 830	9.911 726	6	693	
308	9.761 906	11	9.850 186	16	0.149 814	9.911 720	5	692	
309	9.761 917	11	9.850 202	16	0.149 798	9.911 715	5	691	
.310	9.761 928	11	9.850 218	16	0.149 782	9.911 710	6	.690	
311	9.761 939	10	9.850 234	16	0.149 766	9.911 704	5	689	
312	9.761 949	11	9.850 250	16	0.149 750	9.911 699	5	688	
313	9.761 960	11	9.850 266	16	0.149 734	9.911 694	6	687	
314	9.761 971	10	9.850 282	17	0.149 718	9.911 688	5	686	
315	9.761 981	11	9.850 299	16	0.149 701	9.911 683	6	685	
316	9.761 992	11	9.850 315	16	0.149 685	9.911 677	5	684	
317	9.762 003	10	9.850 331	16	0.149 669	9.911 672	5	683	
318	9.762 013	11	9.850 347	16	0.149 653	9.911 667	6	682	
319	9.762 024	11	9.850 363	16	0.149 637	9.911 661	5	681	
.320	9.762 035	11	9.850 379	16	0.149 621	9.911 656	5	.680	
321	9.762 046	10	9.850 395	16	0.149 605	9.911 651	6	679	
322	9.762 056	11	9.850 411	16	0.149 589	9.911 645	5	678	
323	9.762 067	11	9.850 427	16	0.149 573	9.911 640	5	677	
324	9.762 078	10	9.850 443	16	0.149 557	9.911 635	6	676	
325	9.762 088	11	9.850 459	16	0.149 541	9.911 629	5	675	
326	9.762 099	11	9.850 475	16	0.149 525	9.911 624	6	674	
327	9.762 110	10	9.850 491	16	0.149 509	9.911 618	5	673	
328	9.762 120	11	9.850 507	16	0.149 493	9.911 613	5	672	
329	9.762 131	11	9.850 523	17	0.149 477	9.911 608	6	671	
.330	9.762 142	11	9.850 540	16	0.149 460	9.911 602	5	.670	
331	9.762 153	10	9.850 556	16	0.149 444	9.911 597	5	669	
332	9.762 163	11	9.850 572	16	0.149 428	9.911 592	6	668	
333	9.762 174	11	9.850 588	16	0.149 412	9.911 586	5	667	
334	9.762 185	10	9.850 604	16	0.149 396	9.911 581	6	666	
335	9.762 195	11	9.850 620	16	0.149 380	9.911 575	5	665	
336	9.762 206	11	9.850 636	16	0.149 364	9.911 570	5	664	
337	9.762 217	10	9.850 652	16	0.149 348	9.911 565	6	663	
338	9.762 227	11	9.850 668	16	0.149 332	9.911 559	5	662	
339	9.762 238	11	9.850 684	16	0.149 316	9.911 554	5	661	
.340	9.762 249	10	9.850 700	16	0.149 300	9.911 549	6	.660	
341	9.762 259	11	9.850 716	16	0.149 284	9.911 543	5	659	
342	9.762 270	11	9.850 732	16	0.149 268	9.911 538	6	658	
343	9.762 281	11	9.850 748	16	0.149 252	9.911 532	5	657	
344	9.762 292	10	9.850 764	17	0.149 236	9.911 527	5	656	
345	9.762 302	11	9.850 781	16	0.149 219	9.911 522	6	655	
346	9.762 313	11	9.850 797	16	0.149 203	9.911 516	5	654	
347	9.762 324	10	9.850 813	16	0.149 187	9.911 511	5	653	
348	9.762 334	11	9.850 829	16	0.149 171	9.911 506	6	652	
349	9.762 345	11	9.850 845	16	0.149 155	9.911 500	5	651	
.350	9.762 356		9.850 861		0.149 139	9.911 495		.650	
	cos	d	cotg	d	tang	sin	d	54°	P.P.

	17	16
1	1.7	1.6
2	3.4	3.2
3	5.1	4.8
4	6.8	6.4
5	8.5	8.0
6	10.2	9.6
7	11.9	11.2
8	13.6	12.8
9	15.3	14.4

	11	10
1	1.1	1.0
2	2.2	2.0
3	3.3	3.0
4	4.4	4.0
5	5.5	5.0
6	6.6	6.0
7	7.7	7.0
8	8.8	8.0
9	9.9	9.0

	6	5
1	0.6	0.5
2	1.2	1.0
3	1.8	1.5
4	2.4	2.0
5	3.0	2.5
6	3.6	3.0
7	4.2	3.5
8	4.8	4.0
9	5.4	4.5

54°.700 — 54°.650

35°.350 — 35°.400

35°	sin	d	tang	d	cotg	cos	d		P.P.
.350	9.762 356	10	9.850 861	16	0.149 139	9.911 495	6	**.650**	
351	9.762 366	11	9.850 877	16	0.149 123	9.911 489	5	649	
352	9.762 377	11	9.850 893	16	0.149 107	9.911 484	5	648	
353	9.762 388	10	9.850 909	16	0.149 091	9.911 479	6	647	
354	9.762 398	11	9.850 925	16	0.149 075	9.911 473	5	646	
355	9.762 409	11	9.850 941	16	0.149 059	9.911 468	5	645	
356	9.762 420	10	9.850 957	16	0.149 043	9.911 463	6	644	
357	9.762 430	11	9.850 973	16	0.149 027	9.911 457	5	643	
358	9.762 441	11	9.850 989	16	0.149 011	9.911 452	6	642	
359	9.762 452	10	9.851 005	16	0.148 995	9.911 446	5	641	
.360	9.762 462	11	9.851 021	17	0.148 979	9.911 441	5	**.640**	
361	9.762 473	11	9.851 038	16	0.148 962	9.911 436	6	639	
362	9.762 484	11	9.851 054	16	0.148 946	9.911 430	5	638	
363	9.762 495	10	9.851 070	16	0.148 930	9.911 425	6	637	
364	9.762 505	11	9.851 086	16	0.148 914	9.911 419	5	636	
365	9.762 516	11	9.851 102	16	0.148 898	9.911 414	5	635	
366	9.762 527	10	9.851 118	16	0.148 882	9.911 409	6	634	
367	9.762 537	11	9.851 134	16	0.148 866	9.911 403	5	633	
368	9.762 548	11	9.851 150	16	0.148 850	9.911 398	5	632	
369	9.762 559	10	9.851 166	16	0.148 834	9.911 393	6	631	
.370	9.762 569	11	9.851 182	16	0.148 818	9.911 387	5	**.630**	
371	9.762 580	11	9.851 198	16	0.148 802	9.911 382	6	629	
372	9.762 591	10	9.851 214	16	0.148 786	9.911 376	5	628	
373	9.762 601	11	9.851 230	16	0.148 770	9.911 371	5	627	
374	9.762 612	11	9.851 246	16	0.148 754	9.911 366	6	626	
375	9.762 623	10	9.851 262	16	0.148 738	9.911 360	5	625	
376	9.762 633	11	9.851 278	16	0.148 722	9.911 355	5	624	
377	9.762 644	11	9.851 294	17	0.148 706	9.911 350	6	623	
378	9.762 655	10	9.851 311	16	0.148 689	9.911 344	5	622	
379	9.762 665	11	9.851 327	16	0.148 673	9.911 339	6	621	
.380	9.762 676	11	9.851 343	16	0.148 657	9.911 333	5	**.620**	
381	9.762 687	10	9.851 359	16	0.148 641	9.911 328	5	619	
382	9.762 697	11	9.851 375	16	0.148 625	9.911 323	6	618	
383	9.762 708	11	9.851 391	16	0.148 609	9.911 317	5	617	
384	9.762 719	10	9.851 407	16	0.148 593	9.911 312	6	616	
385	9.762 729	11	9.851 423	16	0.148 577	9.911 306	5	615	
386	9.762 740	11	9.851 439	16	0.148 561	9.911 301	5	614	
387	9.762 751	10	9.851 455	16	0.148 545	9.911 296	6	613	
388	9.762 761	11	9.851 471	16	0.148 529	9.911 290	5	612	
389	9.762 772	11	9.851 487	16	0.148 513	9.911 285	5	611	
.390	9.762 783	10	9.851 503	16	0.148 497	9.911 280	6	**.610**	
391	9.762 793	11	9.851 519	16	0.148 481	9.911 274	5	609	
392	9.762 804	11	9.851 535	16	0.148 465	9.911 269	6	608	
393	9.762 815	10	9.851 551	16	0.148 449	9.911 263	5	607	
394	9.762 825	11	9.851 567	16	0.148 433	9.911 258	5	606	
395	9.762 836	11	9.851 583	16	0.148 417	9.911 253	6	605	
396	9.762 847	10	9.851 599	17	0.148 401	9.911 247	5	604	
397	9.762 857	11	9.851 616	16	0.148 384	9.911 242	6	603	
398	9.762 868	11	9.851 632	16	0.148 368	9.911 236	5	602	
399	9.762 879	10	9.851 648	16	0.148 352	9.911 231	5	601	
.400	9.762 889		9.851 664		0.148 336	9.911 226		**.600**	
	cos	d	cotg	d	tang	sin	d	54°	P.P.

	17	16
1	1.7	1.6
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3	5.1	4.8
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7	11.9	11.2
8	13.6	12.8
9	15.3	14.4

	11	10
1	1.1	1.0
2	2.2	2.0
3	3.3	3.0
4	4.4	4.0
5	5.5	5.0
6	6.6	6.0
7	7.7	7.0
8	8.8	8.0
9	9.9	9.0

	6	5
1	0.6	0.5
2	1.2	1.0
3	1.8	1.5
4	2.4	2.0
5	3.0	2.5
6	3.6	3.0
7	4.2	3.5
8	4.8	4.0
9	5.4	4.5

54°.650 — 54°.600

35°.400 — 35°.450

35°	sin	d	tang	d	cotg	cos	d		P.P.
.400	9.762 889	11	9.851 664	16	0.148 336	9.911 226	6	.600	
401	9.762 900	11	9.851 680	16	0.148 320	9.911 220	5	599	
402	9.762 911	10	9.851 696	16	0.148 304	9.911 215	5	598	
403	9.762 921	11	9.851 712	16	0.148 288	9.911 210	6	597	
404	9.762 932	11	9.851 728	16	0.148 272	9.911 204	5	596	
405	9.762 943	10	9.851 744	16	0.148 256	9.911 199	6	595	
406	9.762 953	11	9.851 760	16	0.148 240	9.911 193	5	594	
407	9.762 964	11	9.851 776	16	0.148 224	9.911 188	5	593	
408	9.762 975	10	9.851 792	16	0.148 208	9.911 183	6	592	
409	9.762 985	11	9.851 808	16	0.148 192	9.911 177	5	591	
.410	9.762 996	11	9.851 824	16	0.148 176	9.911 172	6	.590	
411	9.763 007	10	9.851 840	16	0.148 160	9.911 166	5	589	
412	9.763 017	11	9.851 856	16	0.148 144	9.911 161	5	588	
413	9.763 028	11	9.851 872	16	0.148 128	9.911 156	6	587	
414	9.763 039	10	9.851 888	16	0.148 112	9.911 150	5	586	
415	9.763 049	11	9.851 904	17	0.148 096	9.911 145	6	585	
416	9.763 060	11	9.851 921	16	0.148 079	9.911 139	5	584	
417	9.763 071	10	9.851 937	16	0.148 063	9.911 134	5	583	
418	9.763 081	11	9.851 953	16	0.148 047	9.911 129	6	582	
419	9.763 092	11	9.851 969	16	0.148 031	9.911 123	5	581	
.420	9.763 103	10	9.851 985	16	0.148 015	9.911 118	5	.580	
421	9.763 113	11	9.852 001	16	0.147 999	9.911 113	6	579	
422	9.763 124	11	9.852 017	16	0.147 983	9.911 107	5	578	
423	9.763 135	10	9.852 033	16	0.147 967	9.911 102	6	577	
424	9.763 145	11	9.852 049	16	0.147 951	9.911 096	5	576	
425	9.763 156	11	9.852 065	16	0.147 935	9.911 091	5	575	
426	9.763 167	10	9.852 081	16	0.147 919	9.911 086	6	574	
427	9.763 177	11	9.852 097	16	0.147 903	9.911 080	5	573	
428	9.763 188	11	9.852 113	16	0.147 887	9.911 075	6	572	
429	9.763 199	10	9.852 129	16	0.147 871	9.911 069	5	571	
.430	9.763 209	11	9.852 145	16	0.147 855	9.911 064	5	.570	
431	9.763 220	11	9.852 161	16	0.147 839	9.911 059	6	569	
432	9.763 231	10	9.852 177	16	0.147 823	9.911 053	5	568	
433	9.763 241	11	9.852 193	16	0.147 807	9.911 048	6	567	
434	9.763 252	10	9.852 209	16	0.147 791	9.911 042	5	566	
435	9.763 262	11	9.852 225	16	0.147 775	9.911 037	5	565	
436	9.763 273	11	9.852 241	17	0.147 759	9.911 032	6	564	
437	9.763 284	10	9.852 258	16	0.147 742	9.911 026	5	563	
438	9.763 294	11	9.852 274	16	0.147 726	9.911 021	6	562	
439	9.763 305	11	9.852 290	16	0.147 710	9.911 015	5	561	
.440	9.763 316	10	9.852 306	16	0.147 694	9.911 010	5	.560	
441	9.763 326	11	9.852 322	16	0.147 678	9.911 005	6	559	
442	9.763 337	11	9.852 338	16	0.147 662	9.910 999	5	558	
443	9.763 348	10	9.852 354	16	0.147 646	9.910 994	6	557	
444	9.763 358	11	9.852 370	16	0.147 630	9.910 988	5	556	
445	9.763 369	11	9.852 386	16	0.147 614	9.910 983	5	555	
446	9.763 380	10	9.852 402	16	0.147 598	9.910 978	6	554	
447	9.763 390	11	9.852 418	16	0.147 582	9.910 972	5	553	
448	9.763 401	11	9.852 434	16	0.147 566	9.910 967	5	552	
449	9.763 412	10	9.852 450	16	0.147 550	9.910 962	6	551	
.450	9.763 422		9.852 466		0.147 534	9.910 956		.550	
	cos	d	cotg	d	tang	sin	d	54°	P.P.

	17	16
1	1.7	1.6
2	3.4	3.2
3	5.1	4.8
4	6.8	6.4
5	8.5	8.0
6	10.2	9.6
7	11.9	11.2
8	13.6	12.8
9	15.3	14.4

	11	10
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6	6.6	6.0
7	7.7	7.0
8	8.8	8.0
9	9.9	9.0

	6	5
1	0.6	0.5
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3	1.8	1.5
4	2.4	2.0
5	3.0	2.5
6	3.6	3.0
7	4.2	3.5
8	4.8	4.0
9	5.4	4.5

54°.600 — 54°.550

35°.450 — 35°.500

35°	sin	d	tang	d	cotg	cos	d		P.P.
.450	9.763 422	11	9.852 466	16	0.147 534	9.910 956	5	**.550**	
451	9.763 433	11	9.852 482	16	0.147 518	9.910 951	6	549	
452	9.763 444	10	9.852 498	16	0.147 502	9.910 945	5	548	
453	9.763 454	11	9.852 514	16	0.147 486	9.910 940	5	547	
454	9.763 465	10	9.852 530	16	0.147 470	9.910 935	6	546	
455	9.763 475	11	9.852 546	16	0.147 454	9.910 929	5	545	
456	9.763 486	11	9.852 562	16	0.147 438	9.910 924	6	544	
457	9.763 497	10	9.852 578	16	0.147 422	9.910 918	5	543	
458	9.763 507	11	9.852 594	16	0.147 406	9.910 913	5	542	
459	9.763 518	11	9.852 610	17	0.147 390	9.910 908	6	541	
.460	9.763 529	10	9.852 627	16	0.147 373	9.910 902	5	**.540**	
461	9.763 539	11	9.852 643	16	0.147 357	9.910 897	6	539	
462	9.763 550	11	9.852 659	16	0.147 341	9.910 891	5	538	
463	9.763 561	10	9.852 675	16	0.147 325	9.910 886	5	537	
464	9.763 571	11	9.852 691	16	0.147 309	9.910 881	6	536	
465	9.763 582	11	9.852 707	16	0.147 293	9.910 875	5	535	
466	9.763 593	10	9.852 723	16	0.147 277	9.910 870	6	534	
467	9.763 603	11	9.852 739	16	0.147 261	9.910 864	5	533	
468	9.763 614	10	9.852 755	16	0.147 245	9.910 859	5	532	
469	9.763 624	11	9.852 771	16	0.147 229	9.910 854	6	531	
.470	9.763 635	11	9.852 787	16	0.147 213	9.910 848	5	**.530**	
471	9.763 646	10	9.852 803	16	0.147 197	9.910 843	6	529	
472	9.763 656	11	9.852 819	16	0.147 181	9.910 837	5	528	
473	9.763 667	11	9.852 835	16	0.147 165	9.910 832	5	527	
474	9.763 678	10	9.852 851	16	0.147 149	9.910 827	6	526	
475	9.763 688	11	9.852 867	16	0.147 133	9.910 821	5	525	
476	9.763 699	11	9.852 883	16	0.147 117	9.910 816	6	524	
477	9.763 710	10	9.852 899	16	0.147 101	9.910 810	5	523	
478	9.763 720	11	9.852 915	16	0.147 085	9.910 805	5	522	
479	9.763 731	10	9.852 931	16	0.147 069	9.910 800	6	521	
.480	9.763 741	11	9.852 947	16	0.147 053	9.910 794	5	**.520**	
481	9.763 752	11	9.852 963	16	0.147 037	9.910 789	6	519	
482	9.763 763	10	9.852 979	16	0.147 021	9.910 783	5	518	
483	9.763 773	11	9.852 995	16	0.147 005	9.910 778	5	517	
484	9.763 784	11	9.853 011	16	0.146 989	9.910 773	6	516	
485	9.763 795	10	9.853 027	17	0.146 973	9.910 767	5	515	
486	9.763 805	11	9.853 044	16	0.146 956	9.910 762	6	514	
487	9.763 816	10	9.853 060	16	0.146 940	9.910 756	5	513	
488	9.763 826	11	9.853 076	16	0.146 924	9.910 751	6	512	
489	9.763 837	11	9.853 092	16	0.146 908	9.910 745	5	511	
.490	9.763 848	10	9.853 108	16	0.146 892	9.910 740	5	**.510**	
491	9.763 858	11	9.853 124	16	0.146 876	9.910 735	6	509	
492	9.763 869	11	9.853 140	16	0.146 860	9.910 729	5	508	
493	9.763 880	10	9.853 156	16	0.146 844	9.910 724	6	507	
494	9.763 890	11	9.853 172	16	0.146 828	9.910 718	5	506	
495	9.763 901	11	9.853 188	16	0.146 812	9.910 713	5	505	
496	9.763 912	10	9.853 204	16	0.146 796	9.910 708	6	504	
497	9.763 922	11	9.853 220	16	0.146 780	9.910 702	5	503	
498	9.763 933	10	9.853 236	16	0.146 764	9.910 697	6	502	
499	9.763 943	11	9.853 252	16	0.146 748	9.910 691	5	501	
.500	9.763 954		9.853 268		0.146 732	9.910 686		**.500**	
	cos	d	cotg	d	tang	sin	d	54°	P.P.

	17	16
1	1.7	1.6
2	3.4	3.2
3	5.1	4.8
4	6.8	6.4
5	8.5	8.0
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7	11.9	11.2
8	13.6	12.8
9	15.3	14.4

	11	10
1	1.1	1.0
2	2.2	2.0
3	3.3	3.0
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6	6.6	6.0
7	7.7	7.0
8	8.8	8.0
9	9.9	9.0

	6	5
1	0.6	0.5
2	1.2	1.0
3	1.8	1.5
4	2.4	2.0
5	3.0	2.5
6	3.6	3.0
7	4.2	3.5
8	4.8	4.0
9	5.4	4.5

54°.550 — 54°.500

35°.500 — 35°.550

35°	sin	d	tang	d	cotg	cos	d		P.P.
.500	9.763 954	11	9.853 268	16	0.146 732	9.910 686	5	.500	
501	9.763 965	10	9.853 284	16	0.146 716	9.910 681	6	499	
502	9.763 975	11	9.853 300	16	0.146 700	9.910 675	5	498	
503	9.763 986	11	9.853 316	16	0.146 684	9.910 670	6	497	
504	9.763 997	10	9.853 332	16	0.146 668	9.910 664	5	496	
505	9.764 007	11	9.853 348	16	0.146 652	9.910 659	5	495	
506	9.764 018	10	9.853 364	16	0.146 636	9.910 654	6	494	
507	9.764 028	11	9.853 380	16	0.146 620	9.910 648	5	493	
508	9.764 039	11	9.853 396	16	0.146 604	9.910 643	6	492	
509	9.764 050	10	9.853 412	16	0.146 588	9.910 637	5	491	
.510	9.764 060	11	9.853 428	16	0.146 572	9.910 632	5	.490	
511	9.764 071	11	9.853 444	16	0.146 556	9.910 627	6	489	
512	9.764 082	10	9.853 460	16	0.146 540	9.910 621	5	488	
513	9.764 092	11	9.853 476	16	0.146 524	9.910 616	6	487	
514	9.764 103	10	9.853 492	16	0.146 508	9.910 610	5	486	
515	9.764 113	11	9.853 508	17	0.146 492	9.910 605	5	485	
516	9.764 124	11	9.853 525	16	0.146 475	9.910 600	6	484	
517	9.764 135	10	9.853 541	16	0.146 459	9.910 594	5	483	
518	9.764 145	11	9.853 557	16	0.146 443	9.910 589	6	482	
519	9.764 156	10	9.853 573	16	0.146 427	9.910 583	5	481	
.520	9.764 166	11	9.853 589	16	0.146 411	9.910 578	6	.480	
521	9.764 177	11	9.853 605	16	0.146 395	9.910 572	5	479	
522	9.764 188	10	9.853 621	16	0.146 379	9.910 567	5	478	
523	9.764 198	11	9.853 637	16	0.146 363	9.910 562	6	477	
524	9.764 209	11	9.853 653	16	0.146 347	9.910 556	5	476	
525	9.764 220	10	9.853 669	16	0.146 331	9.910 551	6	475	
526	9.764 230	11	9.853 685	16	0.146 315	9.910 545	5	474	
527	9.764 241	10	9.853 701	16	0.146 299	9.910 540	5	473	
528	9.764 251	11	9.853 717	16	0.146 283	9.910 535	6	472	
529	9.764 262	11	9.853 733	16	0.146 267	9.910 529	5	471	
.530	9.764 273	10	9.853 749	16	0.146 251	9.910 524	6	.470	
531	9.764 283	11	9.853 765	16	0.146 235	9.910 518	5	469	
532	9.764 294	11	9.853 781	16	0.146 219	9.910 513	5	468	
533	9.764 305	10	9.853 797	16	0.146 203	9.910 508	6	467	
534	9.764 315	11	9.853 813	16	0.146 187	9.910 502	5	466	
535	9.764 326	10	9.853 829	16	0.146 171	9.910 497	6	465	
536	9.764 336	11	9.853 845	16	0.146 155	9.910 491	5	464	
537	9.764 347	11	9.853 861	16	0.146 139	9.910 486	6	463	
538	9.764 358	10	9.853 877	16	0.146 123	9.910 480	5	462	
539	9.764 368	11	9.853 893	16	0.146 107	9.910 475	5	461	
.540	9.764 379	10	9.853 909	16	0.146 091	9.910 470	6	.460	
541	9.764 389	11	9.853 925	16	0.146 075	9.910 464	5	459	
542	9.764 400	11	9.853 941	16	0.146 059	9.910 459	6	458	
543	9.764 411	10	9.853 957	16	0.146 043	9.910 453	5	457	
544	9.764 421	11	9.853 973	16	0.146 027	9.910 448	5	456	
545	9.764 432	10	9.853 989	16	0.146 011	9.910 443	6	455	
546	9.764 442	11	9.854 005	16	0.145 995	9.910 437	5	454	
547	9.764 453	11	9.854 021	16	0.145 979	9.910 432	6	453	
548	9.764 464	10	9.854 037	16	0.145 963	9.910 426	5	452	
549	9.764 474	11	9.854 053	16	0.145 947	9.910 421	6	451	
.550	9.764 485		9.854 069		0.145 931	9.910 415		.450	
	cos	d	cotg	d	tang	sin	d	54°	P.P.

	17	16
1	1.7	1.6
2	3.4	3.2
3	5.1	4.8
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6	10.2	9.6
7	11.9	11.2
8	13.6	12.8
9	15.3	14.4

	11	10
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3	3.3	3.0
4	4.4	4.0
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6	6.6	6.0
7	7.7	7.0
8	8.8	8.0
9	9.9	9.0

	6	5
1	0.6	0.5
2	1.2	1.0
3	1.8	1.5
4	2.4	2.0
5	3.0	2.5
6	3.6	3.0
7	4.2	3.5
8	4.8	4.0
9	5.4	4.5

54°.500 — 54°.450

35°.550 — 35°.600

35°	sin	d	tang	d	cotg	cos	d		P.P.
.550	9.764 485	10	9.854 069	16	0.145 931	9.910 415	5	**.450**	
551	9.764 495	11	9.854 085	16	0.145 915	9.910 410	5	449	
552	9.764 506	11	9.854 101	16	0.145 899	9.910 405	6	448	
553	9.764 517	10	9.854 117	17	0.145 883	9.910 399	5	447	
554	9.764 527	11	9.854 134	16	0.145 866	9.910 394	6	446	
555	9.764 538	11	9.854 150	16	0.145 850	9.910 388	5	445	
556	9.764 549	10	9.854 166	16	0.145 834	9.910 383	5	444	
557	9.764 559	11	9.854 182	16	0.145 818	9.910 378	6	443	
558	9.764 570	10	9.854 198	16	0.145 802	9.910 372	5	442	
559	9.764 580	11	9.854 214	16	0.145 786	9.910 367	6	441	
.560	9.764 591	11	9.854 230	16	0.145 770	9.910 361	5	**.440**	
561	9.764 602	10	9.854 246	16	0.145 754	9.910 356	6	439	
562	9.764 612	11	9.854 262	16	0.145 738	9.910 350	5	438	
563	9.764 623	10	9.854 278	16	0.145 722	9.910 345	5	437	
564	9.764 633	11	9.854 294	16	0.145 706	9.910 340	6	436	
565	9.764 644	11	9.854 310	16	0.145 690	9.910 334	5	435	
566	9.764 655	10	9.854 326	16	0.145 674	9.910 329	6	434	
567	9.764 665	11	9.854 342	16	0.145 658	9.910 323	5	433	
568	9.764 676	10	9.854 358	16	0.145 642	9.910 318	6	432	
569	9.764 686	11	9.854 374	16	0.145 626	9.910 312	5	431	
.570	9.764 697	11	9.854 390	16	0.145 610	9.910 307	5	**.430**	
571	9.764 708	10	9.854 406	16	0.145 594	9.910 302	6	429	
572	9.764 718	11	9.854 422	16	0.145 578	9.910 296	5	428	
573	9.764 729	10	9.854 438	16	0.145 562	9.910 291	6	427	
574	9.764 739	11	9.854 454	16	0.145 546	9.910 285	5	426	
575	9.764 750	11	9.854 470	16	0.145 530	9.910 280	5	425	
576	9.764 761	10	9.854 486	16	0.145 514	9.910 275	6	424	
577	9.764 771	11	9.854 502	16	0.145 498	9.910 269	5	423	
578	9.764 782	10	9.854 518	16	0.145 482	9.910 264	6	422	
579	9.764 792	11	9.854 534	16	0.145 466	9.910 258	5	421	
.580	9.764 803	11	9.854 550	16	0.145 450	9.910 253	6	**.420**	
581	9.764 814	10	9.854 566	16	0.145 434	9.910 247	5	419	
582	9.764 824	11	9.854 582	16	0.145 418	9.910 242	5	418	
583	9.764 835	10	9.854 598	16	0.145 402	9.910 237	6	417	
584	9.764 845	11	9.854 614	16	0.145 386	9.910 231	5	416	
585	9.764 856	10	9.854 630	16	0.145 370	9.910 226	6	415	
586	9.764 866	11	9.854 646	16	0.145 354	9.910 220	5	414	
587	9.764 877	11	9.854 662	16	0.145 338	9.910 215	6	413	
588	9.764 888	10	9.854 678	16	0.145 322	9.910 209	5	412	
589	9.764 898	11	9.854 694	16	0.145 306	9.910 204	5	411	
.590	9.764 909	10	9.854 710	16	0.145 290	9.910 199	6	**.410**	
591	9.764 919	11	9.854 726	16	0.145 274	9.910 193	5	409	
592	9.764 930	11	9.854 742	16	0.145 258	9.910 188	6	408	
593	9.764 941	10	9.854 758	16	0.145 242	9.910 182	5	407	
594	9.764 951	11	9.854 774	16	0.145 226	9.910 177	6	406	
595	9.764 962	10	9.854 790	16	0.145 210	9.910 171	5	405	
596	9.764 972	11	9.854 806	16	0.145 194	9.910 166	5	404	
597	9.764 983	11	9.854 822	16	0.145 178	9.910 161	6	403	
598	9.764 994	10	9.854 838	16	0.145 162	9.910 155	5	402	
599	9.765 004	11	9.854 854	16	0.145 146	9.910 150	6	401	
.600	9.765 015		9.854 870		0.145 130	9.910 144		**.400**	
	cos	d	cotg	d	tang	sin	d	54°	P.P.

	17	16
1	1.7	1.6
2	3.4	3.2
3	5.1	4.8
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7	11.9	11.2
8	13.6	12.8
9	15.3	14.4

	11	10
1	1.1	1.0
2	2.2	2.0
3	3.3	3.0
4	4.4	4.0
5	5.5	5.0
6	6.6	6.0
7	7.7	7.0
8	8.8	8.0
9	9.9	9.0

	6	5
1	0.6	0.5
2	1.2	1.0
3	1.8	1.5
4	2.4	2.0
5	3.0	2.5
6	3.6	3.0
7	4.2	3.5
8	4.8	4.0
9	5.4	4.5

54°.450 — 54°.400

35°.600 — 35°.650

35°	sin	d	tang	d	cotg	cos	d		P.P.
.600	9.765 015	10	9.854 870	16	0.145 130	9.910 144	5	.400	
601	9.765 025	11	9.854 886	16	0.145 114	9.910 139	5	399	
602	9.765 036	10	9.854 902	16	0.145 098	9.910 134	6	398	
603	9.765 046	11	9.854 918	16	0.145 082	9.910 128	5	397	
604	9.765 057	11	9.854 934	16	0.145 066	9.910 123	6	396	
605	9.765 068	10	9.854 950	16	0.145 050	9.910 117	5	395	
606	9.765 078	11	9.854 966	16	0.145 034	9.910 112	6	394	
607	9.765 089	10	9.854 982	16	0.145 018	9.910 106	5	393	
608	9.765 099	11	9.854 998	16	0.145 002	9.910 101	5	392	
609	9.765 110	11	9.855 014	17	0.144 986	9.910 096	6	391	
.610	9.765 121	10	9.855 031	16	0.144 969	9.910 090	5	.390	
611	9.765 131	11	9.855 047	16	0.144 953	9.910 085	6	389	
612	9.765 142	10	9.855 063	16	0.144 937	9.910 079	5	388	
613	9.765 152	11	9.855 079	16	0.144 921	9.910 074	6	387	
614	9.765 163	11	9.855 095	16	0.144 905	9.910 068	5	386	
615	9.765 174	10	9.855 111	16	0.144 889	9.910 063	5	385	
616	9.765 184	11	9.855 127	16	0.144 873	9.910 058	6	384	
617	9.765 195	10	9.855 143	16	0.144 857	9.910 052	5	383	
618	9.765 205	11	9.855 159	16	0.144 841	9.910 047	6	382	
619	9.765 216	10	9.855 175	16	0.144 825	9.910 041	5	381	
.620	9.765 226	11	9.855 191	16	0.144 809	9.910 036	6	.380	
621	9.765 237	11	9.855 207	16	0.144 793	9.910 030	5	379	
622	9.765 248	10	9.855 223	16	0.144 777	9.910 025	5	378	
623	9.765 258	11	9.855 239	16	0.144 761	9.910 020	6	377	
624	9.765 269	10	9.855 255	16	0.144 745	9.910 014	5	376	
625	9.765 279	11	9.855 271	16	0.144 729	9.910 009	6	375	
626	9.765 290	10	9.855 287	16	0.144 713	9.910 003	5	374	
627	9.765 300	11	9.855 303	16	0.144 697	9.909 998	6	373	
628	9.765 311	11	9.855 319	16	0.144 681	9.909 992	5	372	
629	9.765 322	10	9.855 335	16	0.144 665	9.909 987	6	371	
.630	9.765 332	11	9.855 351	16	0.144 649	9.909 981	5	.370	
631	9.765 343	10	9.855 367	16	0.144 633	9.909 976	5	369	
632	9.765 353	11	9.855 383	16	0.144 617	9.909 971	6	368	
633	9.765 364	10	9.855 399	16	0.144 601	9.909 965	5	367	
634	9.765 374	11	9.855 415	16	0.144 585	9.909 960	6	366	
635	9.765 385	11	9.855 431	16	0.144 569	9.909 954	5	365	
636	9.765 396	10	9.855 447	16	0.144 553	9.909 949	6	364	
637	9.765 406	11	9.855 463	16	0.144 537	9.909 943	5	363	
638	9.765 417	10	9.855 479	16	0.144 521	9.909 938	5	362	
639	9.765 427	11	9.855 495	16	0.144 505	9.909 933	6	361	
.640	9.765 438	10	9.855 511	16	0.144 489	9.909 927	5	.360	
641	9.765 448	11	9.855 527	16	0.144 473	9.909 922	6	359	
642	9.765 459	11	9.855 543	16	0.144 457	9.909 916	5	358	
643	9.765 470	10	9.855 559	16	0.144 441	9.909 911	6	357	
644	9.765 480	11	9.855 575	16	0.144 425	9.909 905	5	356	
645	9.765 491	10	9.855 591	16	0.144 409	9.909 900	5	355	
646	9.765 501	11	9.855 607	16	0.144 393	9.909 895	6	354	
647	9.765 512	10	9.855 623	16	0.144 377	9.909 889	5	353	
648	9.765 522	11	9.855 639	16	0.144 361	9.909 884	6	352	
649	9.765 533	11	9.855 655	16	0.144 345	9.909 878	5	351	
.650	9.765 544		9.855 671		0.144 329	9.909 873		.350	
	cos	d	cotg	d	tang	sin	d	54°	P.P.

	17	16
1	1.7	1.6
2	3.4	3.2
3	5.1	4.8
4	6.8	6.4
5	8.5	8.0
6	10.2	9.6
7	11.9	11.2
8	13.6	12.8
9	15.3	14.4

	11	10
1	1.1	1.0
2	2.2	2.0
3	3.3	3.0
4	4.4	4.0
5	5.5	5.0
6	6.6	6.0
7	7.7	7.0
8	8.8	8.0
9	9.9	9.0

	6	5
1	0.6	0.5
2	1.2	1.0
3	1.8	1.5
4	2.4	2.0
5	3.0	2.5
6	3.6	3.0
7	4.2	3.5
8	4.8	4.0
9	5.4	4.5

54°.400 — 54°.350

35°.650 — 35°.700

35°	sin	d	tang	d	cotg	cos	d		P.P.
.650	9.765 544	10	9.855 671	16	0.144 329	9.909 873	6	**.350**	
651	9.765 554	11	9.855 687	16	0.144 313	9.909 867	5	349	
652	9.765 565	10	9.855 703	16	0.144 297	9.909 862	6	348	
653	9.765 575	11	9.855 719	16	0.144 281	9.909 856	5	347	
654	9.765 586	10	9.855 735	16	0.144 265	9.909 851	5	346	
655	9.765 596	11	9.855 751	16	0.144 249	9.909 846	6	345	
656	9.765 607	11	9.855 767	16	0.144 233	9.909 840	5	344	
657	9.765 618	10	9.855 783	16	0.144 217	9.909 835	6	343	
658	9.765 628	11	9.855 799	16	0.144 201	9.909 829	5	342	
659	9.765 639	10	9.855 815	16	0.144 185	9.909 824	6	341	
.660	9.765 649	11	9.855 831	16	0.144 169	9.909 818	5	**.340**	
661	9.765 660	10	9.855 847	16	0.144 153	9.909 813	5	339	
662	9.765 670	11	9.855 863	16	0.144 137	9.909 808	6	338	
663	9.765 681	11	9.855 879	16	0.144 121	9.909 802	5	337	
664	9.765 692	10	9.855 895	16	0.144 105	9.909 797	6	336	
665	9.765 702	11	9.855 911	16	0.144 089	9.909 791	5	335	
666	9.765 713	10	9.855 927	16	0.144 073	9.909 786	6	334	
667	9.765 723	11	9.855 943	16	0.144 057	9.909 780	5	333	
668	9.765 734	10	9.855 959	16	0.144 041	9.909 775	6	332	
669	9.765 744	11	9.855 975	16	0.144 025	9.909 769	5	331	
.670	9.765 755	10	9.855 991	16	0.144 009	9.909 764	5	**.330**	
671	9.765 765	11	9.856 007	16	0.143 993	9.909 759	6	329	
672	9.765 776	11	9.856 023	16	0.143 977	9.909 753	5	328	
673	9.765 787	10	9.856 039	16	0.143 961	9.909 748	6	327	
674	9.765 797	11	9.856 055	16	0.143 945	9.909 742	5	326	
675	9.765 808	10	9.856 071	16	0.143 929	9.909 737	6	325	
676	9.765 818	11	9.856 087	16	0.143 913	9.909 731	5	324	
677	9.765 829	10	9.856 103	16	0.143 897	9.909 726	6	323	
678	9.765 839	11	9.856 119	16	0.143 881	9.909 720	5	322	
679	9.765 850	10	9.856 135	16	0.143 865	9.909 715	5	321	
.680	9.765 860	11	9.856 151	16	0.143 849	9.909 710	6	**.320**	
681	9.765 871	11	9.856 167	16	0.143 833	9.909 704	5	319	
682	9.765 882	10	9.856 183	16	0.143 817	9.909 699	6	318	
683	9.765 892	11	9.856 199	16	0.143 801	9.909 693	5	317	
684	9.765 903	10	9.856 215	16	0.143 785	9.909 688	6	316	
685	9.765 913	11	9.856 231	16	0.143 769	9.909 682	5	315	
686	9.765 924	10	9.856 247	16	0.143 753	9.909 677	6	314	
687	9.765 934	11	9.856 263	16	0.143 737	9.909 671	5	313	
688	9.765 945	10	9.856 279	16	0.143 721	9.909 666	5	312	
689	9.765 955	11	9.856 295	16	0.143 705	9.909 661	6	311	
.690	9.765 966	11	9.856 311	16	0.143 689	9.909 655	5	**.310**	
691	9.765 977	10	9.856 327	16	0.143 673	9.909 650	6	309	
692	9.765 987	11	9.856 343	16	0.143 657	9.909 644	5	308	
693	9.765 998	10	9.856 359	16	0.143 641	9.909 639	6	307	
694	9.766 008	11	9.856 375	16	0.143 625	9.909 633	5	306	
695	9.766 019	10	9.856 391	16	0.143 609	9.909 628	6	305	
696	9.766 029	11	9.856 407	16	0.143 593	9.909 622	5	304	
697	9.766 040	10	9.856 423	16	0.143 577	9.909 617	5	303	
698	9.766 050	11	9.856 439	16	0.143 561	9.909 612	6	302	
699	9.766 061	11	9.856 455	16	0.143 545	9.909 606	5	301	
.700	9.766 072		9.856 471		0.143 529	9.909 601		**.300**	
	cos	d	cotg	d	tang	sin	d	54°	P.P.

	16
1	1.6
2	3.2
3	4.8
4	6.4
5	8.0
6	9.6
7	11.2
8	12.8
9	14.4

	11	10
1	1.1	1.0
2	2.2	2.0
3	3.3	3.0
4	4.4	4.0
5	5.5	5.0
6	6.6	6.0
7	7.7	7.0
8	8.8	8.0
9	9.9	9.0

	6	5
1	0.6	0.5
2	1.2	1.0
3	1.8	1.5
4	2.4	2.0
5	3.0	2.5
6	3.6	3.0
7	4.2	3.5
8	4.8	4.0
9	5.4	4.5

54°.350 — 54°.300

35°.700 — 35°.750

35°	sin	d	tang	d	cotg	cos	d		P.P.
.700	9.766 072	10	9.856 471	16	0.143 529	9.909 601	6	.300	
701	9.766 082	11	9.856 487	16	0.143 513	9.909 595	5	299	
702	9.766 093	10	9.856 503	16	0.143 497	9.909 590	6	298	
703	9.766 103	11	9.856 519	16	0.143 481	9.909 584	5	297	
704	9.766 114	10	9.856 535	16	0.143 465	9.909 579	6	296	
705	9.766 124	11	9.856 551	16	0.143 449	9.909 573	5	295	
706	9.766 135	10	9.856 567	16	0.143 433	9.909 568	5	294	
707	9.766 145	11	9.856 583	16	0.143 417	9.909 563	6	293	
708	9.766 156	10	9.856 599	16	0.143 401	9.909 557	5	292	
709	9.766 166	11	9.856 615	16	0.143 385	9.909 552	6	291	
.710	9.766 177	11	9.856 631	16	0.143 369	9.909 546	5	.290	
711	9.766 188	10	9.856 647	16	0.143 353	9.909 541	6	289	
712	9.766 198	11	9.856 663	16	0.143 337	9.909 535	5	288	
713	9.766 209	10	9.856 679	16	0.143 321	9.909 530	6	287	
714	9.766 219	11	9.856 695	16	0.143 305	9.909 524	5	286	
715	9.766 230	10	9.856 711	16	0.143 289	9.909 519	5	285	
716	9.766 240	11	9.856 727	16	0.143 273	9.909 514	6	284	
717	9.766 251	10	9.856 743	16	0.143 257	9.909 508	5	283	
718	9.766 261	11	9.856 759	16	0.143 241	9.909 503	6	282	
719	9.766 272	10	9.856 775	16	0.143 225	9.909 497	5	281	
.720	9.766 282	11	9.856 791	16	0.143 209	9.909 492	6	.280	
721	9.766 293	11	9.856 807	16	0.143 193	9.909 486	5	279	
722	9.766 304	10	9.856 823	16	0.143 177	9.909 481	6	278	
723	9.766 314	11	9.856 839	16	0.143 161	9.909 475	5	277	
724	9.766 325	10	9.856 855	16	0.143 145	9.909 470	6	276	
725	9.766 335	11	9.856 871	16	0.143 129	9.909 464	5	275	
726	9.766 346	10	9.856 887	16	0.143 113	9.909 459	5	274	
727	9.766 356	11	9.856 903	16	0.143 097	9.909 454	6	273	
728	9.766 367	10	9.856 919	16	0.143 081	9.909 448	5	272	
729	9.766 377	11	9.856 935	16	0.143 065	9.909 443	6	271	
.730	9.766 388	10	9.856 951	16	0.143 049	9.909 437	5	.270	
731	9.766 398	11	9.856 967	16	0.143 033	9.909 432	6	269	
732	9.766 409	10	9.856 983	16	0.143 017	9.909 426	5	268	
733	9.766 419	11	9.856 999	16	0.143 001	9.909 421	6	267	
734	9.766 430	10	9.857 015	16	0.142 985	9.909 415	5	266	
735	9.766 440	11	9.857 031	16	0.142 969	9.909 410	6	265	
736	9.766 451	11	9.857 047	16	0.142 953	9.909 404	5	264	
737	9.766 462	10	9.857 063	16	0.142 937	9.909 399	5	263	
738	9.766 472	11	9.857 079	16	0.142 921	9.909 394	6	262	
739	9.766 483	10	9.857 095	15	0.142 905	9.909 388	5	261	
.740	9.766 493	11	9.857 110	16	0.142 890	9.909 383	6	.260	
741	9.766 504	10	9.857 126	16	0.142 874	9.909 377	5	259	
742	9.766 514	11	9.857 142	16	0.142 858	9.909 372	6	258	
743	9.766 525	10	9.857 158	16	0.142 842	9.909 366	5	257	
744	9.766 535	11	9.857 174	16	0.142 826	9.909 361	6	256	
745	9.766 546	10	9.857 190	16	0.142 810	9.909 355	5	255	
746	9.766 556	11	9.857 206	16	0.142 794	9.909 350	6	254	
747	9.766 567	10	9.857 222	16	0.142 778	9.909 344	5	253	
748	9.766 577	11	9.857 238	16	0.142 762	9.909 339	5	252	
749	9.766 588	10	9.857 254	16	0.142 746	9.909 334	6	251	
.750	9.766 598		9.857 270		0.142 730	9.909 328		.250	
	cos	d	cotg	d	tang	sin	d	54°	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	11	10
1	1.1	1.0
2	2.2	2.0
3	3.3	3.0
4	4.4	4.0
5	5.5	5.0
6	6.6	6.0
7	7.7	7.0
8	8.8	8.0
9	9.9	9.0

	6	5
1	0.6	0.5
2	1.2	1.0
3	1.8	1.5
4	2.4	2.0
5	3.0	2.5
6	3.6	3.0
7	4.2	3.5
8	4.8	4.0
9	5.4	4.5

54°.300 — 54°.250

35°.750 — 35°.800

35°	sin	d	tang	d	cotg	cos	d		P.P.
.750	9.766 598	11	9.857 270	16	0.142 730	9.909 328	5	.250	
751	9.766 609	11	9.857 286	16	0.142 714	9.909 323	6	249	
752	9.766 620	10	9.857 302	16	0.142 698	9.909 317	5	248	
753	9.766 630	11	9.857 318	16	0.142 682	9.909 312	6	247	
754	9.766 641	10	9.857 334	16	0.142 666	9.909 306	5	246	
755	9.766 651	11	9.857 350	16	0.142 650	9.909 301	6	245	
756	9.766 662	10	9.857 366	16	0.142 634	9.909 295	5	244	
757	9.766 672	11	9.857 382	16	0.142 618	9.909 290	6	243	
758	9.766 683	10	9.857 398	16	0.142 602	9.909 284	5	242	
759	9.766 693	11	9.857 414	16	0.142 586	9.909 279	5	241	
.760	9.766 704	10	9.857 430	16	0.142 570	9.909 274	6	.240	
761	9.766 714	11	9.857 446	16	0.142 554	9.909 268	5	239	
762	9.766 725	10	9.857 462	16	0.142 538	9.909 263	6	238	
763	9.766 735	11	9.857 478	16	0.142 522	9.909 257	5	237	
764	9.766 746	10	9.857 494	16	0.142 506	9.909 252	6	236	
765	9.766 756	11	9.857 510	16	0.142 490	9.909 246	5	235	
766	9.766 767	10	9.857 526	16	0.142 474	9.909 241	6	234	
767	9.766 777	11	9.857 542	16	0.142 458	9.909 235	5	233	
768	9.766 788	10	9.857 558	16	0.142 442	9.909 230	6	232	
769	9.766 798	11	9.857 574	16	0.142 426	9.909 224	5	231	
.770	9.766 809	10	9.857 590	16	0.142 410	9.909 219	6	.230	
771	9.766 819	11	9.857 606	16	0.142 394	9.909 213	5	229	
772	9.766 830	11	9.857 622	16	0.142 378	9.909 208	5	228	
773	9.766 841	10	9.857 638	16	0.142 362	9.909 203	6	227	
774	9.766 851	11	9.857 654	16	0.142 346	9.909 197	5	226	
775	9.766 862	10	9.857 670	16	0.142 330	9.909 192	6	225	
776	9.766 872	11	9.857 686	16	0.142 314	9.909 186	5	224	
777	9.766 883	10	9.857 702	16	0.142 298	9.909 181	6	223	
778	9.766 893	11	9.857 718	16	0.142 282	9.909 175	5	222	
779	9.766 904	10	9.857 734	16	0.142 266	9.909 170	6	221	
.780	9.766 914	11	9.857 750	16	0.142 250	9.909 164	5	.220	
781	9.766 925	10	9.857 766	16	0.142 234	9.909 159	6	219	
782	9.766 935	11	9.857 782	16	0.142 218	9.909 153	5	218	
783	9.766 946	10	9.857 798	16	0.142 202	9.909 148	6	217	
784	9.766 956	11	9.857 814	16	0.142 186	9.909 142	5	216	
785	9.766 967	10	9.857 830	16	0.142 170	9.909 137	5	215	
786	9.766 977	11	9.857 846	16	0.142 154	9.909 132	6	214	
787	9.766 988	10	9.857 862	16	0.142 138	9.909 126	5	213	
788	9.766 998	11	9.857 878	16	0.142 122	9.909 121	6	212	
789	9.767 009	10	9.857 894	16	0.142 106	9.909 115	5	211	
.790	9.767 019	11	9.857 910	16	0.142 090	9.909 110	6	.210	
791	9.767 030	10	9.857 926	16	0.142 074	9.909 104	5	209	
792	9.767 040	11	9.857 942	16	0.142 058	9.909 099	6	208	
793	9.767 051	10	9.857 958	16	0.142 042	9.909 093	5	207	
794	9.767 061	11	9.857 974	16	0.142 026	9.909 088	6	206	
795	9.767 072	10	9.857 990	16	0.142 010	9.909 082	5	205	
796	9.767 082	11	9.858 006	15	0.141 994	9.909 077	6	204	
797	9.767 093	10	9.858 021	16	0.141 979	9.909 071	5	203	
798	9.767 103	11	9.858 037	16	0.141 963	9.909 066	6	202	
799	9.767 114	10	9.858 053	16	0.141 947	9.909 060	5	201	
.800	9.767 124		9.858 069		0.141 931	9.909 055		.200	
	cos	d	cotg	d	tang	sin	d	54°	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	11	10
1	1.1	1.0
2	2.2	2.0
3	3.3	3.0
4	4.4	4.0
5	5.5	5.0
6	6.6	6.0
7	7.7	7.0
8	8.8	8.0
9	9.9	9.0

	6	5
1	0.6	0.5
2	1.2	1.0
3	1.8	1.5
4	2.4	2.0
5	3.0	2.5
6	3.6	3.0
7	4.2	3.5
8	4.8	4.0
9	5.4	4.5

54°.250 — 54°.200

35°.800 — 35°.850

35°	sin	d	tang	d	cotg	cos	d		P.P.
.800	9.767 124	11	9.858 069	16	0.141 931	9.909 055	5	.200	
801	9.767 135	10	9.858 085	16	0.141 915	9.909 050	6	199	
802	9.767 145	11	9.858 101	16	0.141 899	9.909 044	5	198	
803	9.767 156	10	9.858 117	16	0.141 883	9.909 039	6	197	
804	9.767 166	11	9.858 133	16	0.141 867	9.909 033	5	196	
805	9.767 177	10	9.858 149	16	0.141 851	9.909 028	6	195	
806	9.767 187	11	9.858 165	16	0.141 835	9.909 022	5	194	
807	9.767 198	11	9.858 181	16	0.141 819	9.909 017	6	193	
808	9.767 209	10	9.858 197	16	0.141 803	9.909 011	5	192	
809	9.767 219	11	9.858 213	16	0.141 787	9.909 006	6	191	
.810	9.767 230	10	9.858 229	16	0.141 771	9.909 000	5	.190	
811	9.767 240	11	9.858 245	16	0.141 755	9.908 995	6	189	
812	9.767 251	10	9.858 261	16	0.141 739	9.908 989	5	188	
813	9.767 261	11	9.858 277	16	0.141 723	9.908 984	6	187	
814	9.767 272	10	9.858 293	16	0.141 707	9.908 978	5	186	
815	9.767 282	11	9.858 309	16	0.141 691	9.908 973	5	185	
816	9.767 293	10	9.858 325	16	0.141 675	9.908 968	6	184	
817	9.767 303	11	9.858 341	16	0.141 659	9.908 962	5	183	
818	9.767 314	10	9.858 357	16	0.141 643	9.908 957	6	182	
819	9.767 324	11	9.858 373	16	0.141 627	9.908 951	5	181	
.820	9.767 335	10	9.858 389	16	0.141 611	9.908 946	6	.180	
821	9.767 345	11	9.858 405	16	0.141 595	9.908 940	5	179	
822	9.767 356	10	9.858 421	16	0.141 579	9.908 935	6	178	
823	9.767 366	11	9.858 437	16	0.141 563	9.908 929	5	177	
824	9.767 377	10	9.858 453	16	0.141 547	9.908 924	6	176	
825	9.767 387	11	9.858 469	16	0.141 531	9.908 918	5	175	
826	9.767 398	10	9.858 485	16	0.141 515	9.908 913	6	174	
827	9.767 408	11	9.858 501	16	0.141 499	9.908 907	5	173	
828	9.767 419	10	9.858 517	16	0.141 483	9.908 902	6	172	
829	9.767 429	11	9.858 533	16	0.141 467	9.908 896	5	171	
.830	9.767 440	10	9.858 549	16	0.141 451	9.908 891	6	.170	
831	9.767 450	11	9.858 565	16	0.141 435	9.908 885	5	169	
832	9.767 461	10	9.858 581	16	0.141 419	9.908 880	5	168	
833	9.767 471	11	9.858 597	16	0.141 403	9.908 875	6	167	
834	9.767 482	10	9.858 613	15	0.141 387	9.908 869	5	166	
835	9.767 492	11	9.858 628	16	0.141 372	9.908 864	6	165	
836	9.767 503	10	9.858 644	16	0.141 356	9.908 858	5	164	
837	9.767 513	11	9.858 660	16	0.141 340	9.908 853	6	163	
838	9.767 524	10	9.858 676	16	0.141 324	9.908 847	5	162	
839	9.767 534	11	9.858 692	16	0.141 308	9.908 842	6	161	
.840	9.767 545	10	9.858 708	16	0.141 292	9.908 836	5	.160	
841	9.767 555	11	9.858 724	16	0.141 276	9.908 831	6	159	
842	9.767 566	10	9.858 740	16	0.141 260	9.908 825	5	158	
843	9.767 576	10	9.858 756	16	0.141 244	9.908 820	6	157	
844	9.767 586	11	9.858 772	16	0.141 228	9.908 814	5	156	
845	9.767 597	10	9.858 788	16	0.141 212	9.908 809	6	155	
846	9.767 607	11	9.858 804	16	0.141 196	9.908 803	5	154	
847	9.767 618	10	9.858 820	16	0.141 180	9.908 798	6	153	
848	9.767 628	11	9.858 836	16	0.141 164	9.908 792	5	152	
849	9.767 639	10	9.858 852	16	0.141 148	9.908 787	6	151	
.850	9.767 649		9.858 868		0.141 132	9.908 781		.150	
	cos	d	cotg	d	tang	sin	d	54°	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	11	10
1	1.1	1.0
2	2.2	2.0
3	3.3	3.0
4	4.4	4.0
5	5.5	5.0
6	6.6	6.0
7	7.7	7.0
8	8.8	8.0
9	9.9	9.0

	6	5
1	0.6	0.5
2	1.2	1.0
3	1.8	1.5
4	2.4	2.0
5	3.0	2.5
6	3.6	3.0
7	4.2	3.5
8	4.8	4.0
9	5.4	4.5

54°.200 — 54°.150

35°.850 — 35°.900

35°	sin	d	tang	d	cotg	cos	d		P.P.
.850	9.767 649	11	9.858 868	16	0.141 132	9.908 781	5	**.150**	
851	9.767 660	10	9.858 884	16	0.141 116	9.908 776	6	149	
852	9.767 670	11	9.858 900	16	0.141 100	9.908 770	5	148	
853	9.767 681	10	9.858 916	16	0.141 084	9.908 765	5	147	
854	9.767 691	11	9.858 932	16	0.141 068	9.908 760	6	146	
855	9.767 702	10	9.858 948	16	0.141 052	9.908 754	5	145	
856	9.767 712	11	9.858 964	16	0.141 036	9.908 749	6	144	
857	9.767 723	10	9.858 980	16	0.141 020	9.908 743	5	143	
858	9.767 733	11	9.858 996	16	0.141 004	9.908 738	6	142	
859	9.767 744	10	9.859 012	16	0.140 988	9.908 732	5	141	
.860	9.767 754	11	9.859 028	16	0.140 972	9.908 727	6	**.140**	
861	9.767 765	10	9.859 044	16	0.140 956	9.908 721	5	139	
862	9.767 775	11	9.859 060	16	0.140 940	9.908 716	6	138	
863	9.767 786	10	9.859 076	16	0.140 924	9.908 710	5	137	
864	9.767 796	11	9.859 092	15	0.140 908	9.908 705	6	136	
865	9.767 807	10	9.859 107	16	0.140 893	9.908 699	5	135	
866	9.767 817	11	9.859 123	16	0.140 877	9.908 694	6	134	
867	9.767 828	10	9.859 139	16	0.140 861	9.908 688	5	133	
868	9.767 838	11	9.859 155	16	0.140 845	9.908 683	6	132	
869	9.767 849	10	9.859 171	16	0.140 829	9.908 677	5	131	
.870	9.767 859	11	9.859 187	16	0.140 813	9.908 672	6	**.130**	
871	9.767 870	10	9.859 203	16	0.140 797	9.908 666	5	129	
872	9.767 880	11	9.859 219	16	0.140 781	9.908 661	6	128	
873	9.767 891	10	9.859 235	16	0.140 765	9.908 655	5	127	
874	9.767 901	11	9.859 251	16	0.140 749	9.908 650	6	126	
875	9.767 912	10	9.859 267	16	0.140 733	9.908 644	5	125	
876	9.767 922	11	9.859 283	16	0.140 717	9.908 639	6	124	
877	9.767 933	10	9.859 299	16	0.140 701	9.908 633	5	123	
878	9.767 943	11	9.859 315	16	0.140 685	9.908 628	5	122	
879	9.767 954	10	9.859 331	16	0.140 669	9.908 623	6	121	
.880	9.767 964	10	9.859 347	16	0.140 653	9.908 617	5	**.120**	
881	9.767 974	11	9.859 363	16	0.140 637	9.908 612	6	119	
882	9.767 985	10	9.859 379	16	0.140 621	9.908 606	5	118	
883	9.767 995	11	9.859 395	16	0.140 605	9.908 601	6	117	
884	9.768 006	10	9.859 411	16	0.140 589	9.908 595	5	116	
885	9.768 016	11	9.859 427	16	0.140 573	9.908 590	6	115	
886	9.768 027	10	9.859 443	16	0.140 557	9.908 584	5	114	
887	9.768 037	11	9.859 459	16	0.140 541	9.908 579	6	113	
888	9.768 048	10	9.859 475	16	0.140 525	9.908 573	5	112	
889	9.768 058	11	9.859 491	16	0.140 509	9.908 568	6	111	
.890	9.768 069	10	9.859 507	16	0.140 493	9.908 562	5	**.110**	
891	9.768 079	11	9.859 523	15	0.140 477	9.908 557	6	109	
892	9.768 090	10	9.859 538	16	0.140 462	9.908 551	5	108	
893	9.768 100	11	9.859 554	16	0.140 446	9.908 546	6	107	
894	9.768 111	10	9.859 570	16	0.140 430	9.908 540	5	106	
895	9.768 121	11	9.859 586	16	0.140 414	9.908 535	6	105	
896	9.768 132	10	9.859 602	16	0.140 398	9.908 529	5	104	
897	9.768 142	11	9.859 618	16	0.140 382	9.908 524	6	103	
898	9.768 153	10	9.859 634	16	0.140 366	9.908 518	5	102	
899	9.768 163	10	9.859 650	16	0.140 350	9.908 513	6	101	
.900	9.768 173		9.859 666		0.140 334	9.908 507		**.100**	
	cos	d	cotg	d	tang	sin	d	54°	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	11	10
1	1.1	1.0
2	2.2	2.0
3	3.3	3.0
4	4.4	4.0
5	5.5	5.0
6	6.6	6.0
7	7.7	7.0
8	8.8	8.0
9	9.9	9.0

	6	5
1	0.6	0.5
2	1.2	1.0
3	1.8	1.5
4	2.4	2.0
5	3.0	2.5
6	3.6	3.0
7	4.2	3.5
8	4.8	4.0
9	5.4	4.5

54°.150 — 54°.100

35°.900 — 35°.950

35°	sin	d	tang	d	cotg	cos	d		P.P.
.900	9.768 173	11	9.859 666	16	0.140 334	9.908 507	5	**.100**	
901	9.768 184	10	9.859 682	16	0.140 318	9.908 502	6	099	
902	9.768 194	11	9.859 698	16	0.140 302	9.908 496	5	098	
903	9.768 205	10	9.859 714	16	0.140 286	9.908 491	6	097	
904	9.768 215	11	9.859 730	16	0.140 270	9.908 485	5	096	
905	9.768 226	10	9.859 746	16	0.140 254	9.908 480	6	095	
906	9.768 236	11	9.859 762	16	0.140 238	9.908 474	5	094	
907	9.768 247	10	9.859 778	16	0.140 222	9.908 469	6	093	
908	9.768 257	11	9.859 794	16	0.140 206	9.908 463	5	092	
909	9.768 268	10	9.859 810	16	0.140 190	9.908 458	6	091	
.910	9.768 278	11	9.859 826	16	0.140 174	9.908 452	5	**.090**	
911	9.768 289	10	9.859 842	16	0.140 158	9.908 447	6	089	
912	9.768 299	11	9.859 858	16	0.140 142	9.908 441	5	088	
913	9.768 310	10	9.859 874	16	0.140 126	9.908 436	5	087	
914	9.768 320	11	9.859 890	15	0.140 110	9.908 431	6	086	
915	9.768 331	10	9.859 905	16	0.140 095	9.908 425	5	085	
916	9.768 341	10	9.859 921	16	0.140 079	9.908 420	6	084	
917	9.768 351	11	9.859 937	16	0.140 063	9.908 414	5	083	
918	9.768 362	10	9.859 953	16	0.140 047	9.908 409	6	082	
919	9.768 372	11	9.859 969	16	0.140 031	9.908 403	5	081	
.920	9.768 383	10	9.859 985	16	0.140 015	9.908 398	6	**.080**	
921	9.768 393	11	9.860 001	16	0.139 999	9.908 392	5	079	
922	9.768 404	10	9.860 017	16	0.139 983	9.908 387	6	078	
923	9.768 414	11	9.860 033	16	0.139 967	9.908 381	5	077	
924	9.768 425	10	9.860 049	16	0.139 951	9.908 376	6	076	
925	9.768 435	11	9.860 065	16	0.139 935	9.908 370	5	075	
926	9.768 446	10	9.860 081	16	0.139 919	9.908 365	6	074	
927	9.768 456	11	9.860 097	16	0.139 903	9.908 359	5	073	
928	9.768 467	10	9.860 113	16	0.139 887	9.908 354	6	072	
929	9.768 477	10	9.860 129	16	0.139 871	9.908 348	5	071	
.930	9.768 487	11	9.860 145	16	0.139 855	9.908 343	6	**.070**	
931	9.768 498	10	9.860 161	16	0.139 839	9.908 337	5	069	
932	9.768 508	11	9.860 177	16	0.139 823	9.908 332	6	068	
933	9.768 519	10	9.860 193	16	0.139 807	9.908 326	5	067	
934	9.768 529	11	9.860 209	16	0.139 791	9.908 321	6	066	
935	9.768 540	10	9.860 225	16	0.139 775	9.908 315	5	065	
936	9.768 550	11	9.860 241	15	0.139 759	9.908 310	6	064	
937	9.768 561	10	9.860 256	16	0.139 744	9.908 304	5	063	
938	9.768 571	11	9.860 272	16	0.139 728	9.908 299	6	062	
939	9.768 582	10	9.860 288	16	0.139 712	9.908 293	5	061	
.940	9.768 592	10	9.860 304	16	0.139 696	9.908 288	6	**.060**	
941	9.768 602	11	9.860 320	16	0.139 680	9.908 282	5	059	
942	9.768 613	10	9.860 336	16	0.139 664	9.908 277	6	058	
943	9.768 623	11	9.860 352	16	0.139 648	9.908 271	5	057	
944	9.768 634	10	9.860 368	16	0.139 632	9.908 266	6	056	
945	9.768 644	11	9.860 384	16	0.139 616	9.908 260	5	055	
946	9.768 655	10	9.860 400	16	0.139 600	9.908 255	6	054	
947	9.768 665	11	9.860 416	16	0.139 584	9.908 249	5	053	
948	9.768 676	10	9.860 432	16	0.139 568	9.908 244	6	052	
949	9.768 686	11	9.860 448	16	0.139 552	9.908 238	5	051	
.950	9.768 697		9.860 464		0.139 536	9.908 233		**.050**	
	cos	d	cotg	d	tang	sin	d	54°	P.P.

	16	15
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2	3.2	3.0
3	4.8	4.5
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7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	11	10
1	1.1	1.0
2	2.2	2.0
3	3.3	3.0
4	4.4	4.0
5	5.5	5.0
6	6.6	6.0
7	7.7	7.0
8	8.8	8.0
9	9.9	9.0

	6	5
1	0.6	0.5
2	1.2	1.0
3	1.8	1.5
4	2.4	2.0
5	3.0	2.5
6	3.6	3.0
7	4.2	3.5
8	4.8	4.0
9	5.4	4.5

54°.100 — 54°.050

35°.950 — 36°.000

35°	sin	d	tang	d	cotg	cos	d		P.P.
.950	9.768 697	10	9.860 464	16	0.139 536	9.908 233	6	**.050**	
951	9.768 707	10	9.860 480	16	0.139 520	9.908 227	5	049	
952	9.768 717	11	9.860 496	16	0.139 504	9.908 222	6	048	
953	9.768 728	10	9.860 512	16	0.139 488	9.908 216	5	047	
954	9.768 738	11	9.860 528	16	0.139 472	9.908 211	6	046	
955	9.768 749	10	9.860 544	16	0.139 456	9.908 205	5	045	
956	9.768 759	11	9.860 560	15	0.139 440	9.908 200	6	044	
957	9.768 770	10	9.860 575	16	0.139 425	9.908 194	5	043	
958	9.768 780	11	9.860 591	16	0.139 409	9.908 189	6	042	
959	9.768 791	10	9.860 607	16	0.139 393	9.908 183	5	041	
.960	9.768 801	11	9.860 623	16	0.139 377	9.908 178	6	**.040**	
961	9.768 812	10	9.860 639	16	0.139 361	9.908 172	5	039	
962	9.768 822	10	9.860 655	16	0.139 345	9.908 167	6	038	
963	9.768 832	11	9.860 671	16	0.139 329	9.908 161	5	037	
964	9.768 843	10	9.860 687	16	0.139 313	9.908 156	6	036	
965	9.768 853	11	9.860 703	16	0.139 297	9.908 150	5	035	
966	9.768 864	10	9.860 719	16	0.139 281	9.908 145	6	034	
967	9.768 874	11	9.860 735	16	0.139 265	9.908 139	5	033	
968	9.768 885	10	9.860 751	16	0.139 249	9.908 134	6	032	
969	9.768 895	11	9.860 767	16	0.139 233	9.908 128	5	031	
.970	9.768 906	10	9.860 783	16	0.139 217	9.908 123	6	**.030**	
971	9.768 916	10	9.860 799	16	0.139 201	9.908 117	5	029	
972	9.768 926	11	9.860 815	16	0.139 185	9.908 112	6	028	
973	9.768 937	10	9.860 831	16	0.139 169	9.908 106	5	027	
974	9.768 947	11	9.860 847	15	0.139 153	9.908 101	6	026	
975	9.768 958	10	9.860 862	16	0.139 138	9.908 095	5	025	
976	9.768 968	11	9.860 878	16	0.139 122	9.908 090	6	024	
977	9.768 979	10	9.860 894	16	0.139 106	9.908 084	5	023	
978	9.768 989	11	9.860 910	16	0.139 090	9.908 079	6	022	
979	9.769 000	10	9.860 926	16	0.139 074	9.908 073	5	021	
.980	9.769 010	10	9.860 942	16	0.139 058	9.908 068	6	**.020**	
981	9.769 020	11	9.860 958	16	0.139 042	9.908 062	5	019	
982	9.769 031	10	9.860 974	16	0.139 026	9.908 057	6	018	
983	9.769 041	11	9.860 990	16	0.139 010	9.908 051	5	017	
984	9.769 052	10	9.861 006	16	0.138 994	9.908 046	6	016	
985	9.769 062	11	9.861 022	16	0.138 978	9.908 040	5	015	
986	9.769 073	10	9.861 038	16	0.138 962	9.908 035	6	014	
987	9.769 083	10	9.861 054	16	0.138 946	9.908 029	5	013	
988	9.769 093	11	9.861 070	16	0.138 930	9.908 024	6	012	
989	9.769 104	10	9.861 086	16	0.138 914	9.908 018	5	011	
.990	9.769 114	11	9.861 102	16	0.138 898	9.908 013	6	**.010**	
991	9.769 125	10	9.861 118	16	0.138 882	9.908 007	5	009	
992	9.769 135	11	9.861 134	15	0.138 866	9.908 002	6	008	
993	9.769 146	10	9.861 149	16	0.138 851	9.907 996	5	007	
994	9.769 156	11	9.861 165	16	0.138 835	9.907 991	6	006	
995	9.769 167	10	9.861 181	16	0.138 819	9.907 985	5	005	
996	9.769 177	10	9.861 197	16	0.138 803	9.907 980	6	004	
997	9.769 187	11	9.861 213	16	0.138 787	9.907 974	5	003	
998	9.769 198	10	9.861 229	16	0.138 771	9.907 969	6	002	
999	9.769 208	11	9.861 245	16	0.138 755	9.907 963	5	001	
*000	9.769 219		9.861 261		0.138 739	9.907 958		**.000**	
	cos	d	cotg	d	tang	sin	d	54°	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	11	10
1	1.1	1.0
2	2.2	2.0
3	3.3	3.0
4	4.4	4.0
5	5.5	5.0
6	6.6	6.0
7	7.7	7.0
8	8.8	8.0
9	9.9	9.0

	6	5
1	0.6	0.5
2	1.2	1.0
3	1.8	1.5
4	2.4	2.0
5	3.0	2.5
6	3.6	3.0
7	4.2	3.5
8	4.8	4.0
9	5.4	4.5

54°.050 — 54°.000

36°.000 — 36°.050

36°	sin	d	tang	d	cotg	cos	d		P.P.
.000	9.769 219	10	9.861 261	16	0.138 739	9.907 958	6	***000**	
001	9.769 229	11	9.861 277	16	0.138 723	9.907 952	5	999	
002	9.769 240	10	9.861 293	16	0.138 707	9.907 947	6	998	
003	9.769 250	10	9.861 309	16	0.138 691	9.907 941	5	997	
004	9.769 260	11	9.861 325	16	0.138 675	9.907 936	6	996	
005	9.769 271	10	9.861 341	16	0.138 659	9.907 930	5	995	
006	9.769 281	11	9.861 357	16	0.138 643	9.907 925	6	994	
007	9.769 292	10	9.861 373	16	0.138 627	9.907 919	5	993	
008	9.769 302	11	9.861 389	15	0.138 611	9.907 914	6	992	
009	9.769 313	10	9.861 404	16	0.138 596	9.907 908	5	991	
.010	9.769 323	10	9.861 420	16	0.138 580	9.907 903	6	**.990**	
011	9.769 333	11	9.861 436	16	0.138 564	9.907 897	5	989	
012	9.769 344	10	9.861 452	16	0.138 548	9.907 892	6	988	
013	9.769 354	11	9.861 468	16	0.138 532	9.907 886	5	987	
014	9.769 365	10	9.861 484	16	0.138 516	9.907 881	6	986	
015	9.769 375	11	9.861 500	16	0.138 500	9.907 875	5	985	
016	9.769 386	10	9.861 516	16	0.138 484	9.907 870	6	984	
017	9.769 396	10	9.861 532	16	0.138 468	9.907 864	6	983	
018	9.769 406	11	9.861 548	16	0.138 452	9.907 858	5	982	
019	9.769 417	10	9.861 564	16	0.138 436	9.907 853	6	981	
.020	9.769 427	11	9.861 580	16	0.138 420	9.907 847	5	**.980**	
021	9.769 438	10	9.861 596	16	0.138 404	9.907 842	6	979	
022	9.769 448	11	9.861 612	16	0.138 388	9.907 836	5	978	
023	9.769 459	10	9.861 628	16	0.138 372	9.907 831	6	977	
024	9.769 469	10	9.861 644	15	0.138 356	9.907 825	5	976	
025	9.769 479	11	9.861 659	16	0.138 341	9.907 820	6	975	
026	9.769 490	10	9.861 675	16	0.138 325	9.907 814	5	974	
027	9.769 500	11	9.861 691	16	0.138 309	9.907 809	6	973	
028	9.769 511	10	9.861 707	16	0.138 293	9.907 803	5	972	
029	9.769 521	10	9.861 723	16	0.138 277	9.907 798	6	971	
.030	9.769 531	11	9.861 739	16	0.138 261	9.907 792	5	**.970**	
031	9.769 542	10	9.861 755	16	0.138 245	9.907 787	6	969	
032	9.769 552	11	9.861 771	16	0.138 229	9.907 781	5	968	
033	9.769 563	10	9.861 787	16	0.138 213	9.907 776	6	967	
034	9.769 573	11	9.861 803	16	0.138 197	9.907 770	5	966	
035	9.769 584	10	9.861 819	16	0.138 181	9.907 765	6	965	
036	9.769 594	10	9.861 835	16	0.138 165	9.907 759	5	964	
037	9.769 604	11	9.861 851	16	0.138 149	9.907 754	6	963	
038	9.769 615	10	9.861 867	16	0.138 133	9.907 748	5	962	
039	9.769 625	11	9.861 883	15	0.138 117	9.907 743	6	961	
.040	9.769 636	10	9.861 898	16	0.138 102	9.907 737	5	**.960**	
041	9.769 646	11	9.861 914	16	0.138 086	9.907 732	6	959	
042	9.769 657	10	9.861 930	16	0.138 070	9.907 726	5	958	
043	9.769 667	10	9.861 946	16	0.138 054	9.907 721	6	957	
044	9.769 677	11	9.861 962	16	0.138 038	9.907 715	5	956	
045	9.769 688	10	9.861 978	16	0.138 022	9.907 710	6	955	
046	9.769 698	11	9.861 994	16	0.138 006	9.907 704	5	954	
047	9.769 709	10	9.862 010	16	0.137 990	9.907 699	6	953	
048	9.769 719	10	9.862 026	16	0.137 974	9.907 693	5	952	
049	9.769 729	11	9.862 042	16	0.137 958	9.907 688	6	951	
.050	9.769 740		9.862 058		0.137 942	9.907 682		**.950**	
	cos	d	cotg	d	tang	sin	d	**53°**	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	11	10
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2	2.2	2.0
3	3.3	3.0
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5	5.5	5.0
6	6.6	6.0
7	7.7	7.0
8	8.8	8.0
9	9.9	9.0

	6	5
1	0.6	0.5
2	1.2	1.0
3	1.8	1.5
4	2.4	2.0
5	3.0	2.5
6	3.6	3.0
7	4.2	3.5
8	4.8	4.0
9	5.4	4.5

54°.000 — 53°.950

36°.050 — 36°.100

36°	sin	d	tang	d	cotg	cos	d		P.P.
.050	9.769 740	10	9.862 058	16	0.137 942	9.907 682	5	**.950**	
051	9.769 750	11	9.862 074	16	0.137 926	9.907 677	6	949	
052	9.769 761	10	9.862 090	16	0.137 910	9.907 671	6	948	
053	9.769 771	10	9.862 106	16	0.137 894	9.907 665	5	947	
054	9.769 781	11	9.862 122	15	0.137 878	9.907 660	6	946	
055	9.769 792	10	9.862 137	16	0.137 863	9.907 654	5	945	
056	9.769 802	11	9.862 153	16	0.137 847	9.907 649	6	944	
057	9.769 813	10	9.862 169	16	0.137 831	9.907 643	5	943	
058	9.769 823	11	9.862 185	16	0.137 815	9.907 638	6	942	
059	9.769 834	10	9.862 201	16	0.137 799	9.907 632	5	941	
.060	9.769 844	10	9.862 217	16	0.137 783	9.907 627	6	**.940**	
061	9.769 854	11	9.862 233	16	0.137 767	9.907 621	5	939	
062	9.769 865	10	9.862 249	16	0.137 751	9.907 616	6	938	
063	9.769 875	11	9.862 265	16	0.137 735	9.907 610	5	937	
064	9.769 886	10	9.862 281	16	0.137 719	9.907 605	6	936	
065	9.769 896	10	9.862 297	16	0.137 703	9.907 599	5	935	
066	9.769 906	11	9.862 313	16	0.137 687	9.907 594	6	934	
067	9.769 917	10	9.862 329	16	0.137 671	9.907 588	5	933	
068	9.769 927	11	9.862 345	15	0.137 655	9.907 583	6	932	
069	9.769 938	10	9.862 360	16	0.137 640	9.907 577	5	931	
.070	9.769 948	10	9.862 376	16	0.137 624	9.907 572	6	**.930**	
071	9.769 958	11	9.862 392	16	0.137 608	9.907 566	5	929	
072	9.769 969	10	9.862 408	16	0.137 592	9.907 561	6	928	
073	9.769 979	11	9.862 424	16	0.137 576	9.907 555	5	927	
074	9.769 990	10	9.862 440	16	0.137 560	9.907 550	6	926	
075	9.770 000	10	9.862 456	16	0.137 544	9.907 544	5	925	
076	9.770 010	11	9.862 472	16	0.137 528	9.907 539	6	924	
077	9.770 021	10	9.862 488	16	0.137 512	9.907 533	6	923	
078	9.770 031	11	9.862 504	16	0.137 496	9.907 527	5	922	
079	9.770 042	10	9.862 520	16	0.137 480	9.907 522	6	921	
.080	9.770 052	10	9.862 536	16	0.137 464	9.907 516	5	**.920**	
081	9.770 062	11	9.862 552	16	0.137 448	9.907 511	6	919	
082	9.770 073	10	9.862 568	15	0.137 432	9.907 505	5	918	
083	9.770 083	11	9.862 583	16	0.137 417	9.907 500	6	917	
084	9.770 094	10	9.862 599	16	0.137 401	9.907 494	5	916	
085	9.770 104	10	9.862 615	16	0.137 385	9.907 489	6	915	
086	9.770 114	11	9.862 631	16	0.137 369	9.907 483	5	914	
087	9.770 125	10	9.862 647	16	0.137 353	9.907 478	6	913	
088	9.770 135	11	9.862 663	16	0.137 337	9.907 472	5	912	
089	9.770 146	10	9.862 679	16	0.137 321	9.907 467	6	911	
.090	9.770 156	10	9.862 695	16	0.137 305	9.907 461	5	**.910**	
091	9.770 166	11	9.862 711	16	0.137 289	9.907 456	6	909	
092	9.770 177	10	9.862 727	16	0.137 273	9.907 450	5	908	
093	9.770 187	11	9.862 743	16	0.137 257	9.907 445	6	907	
094	9.770 198	10	9.862 759	16	0.137 241	9.907 439	5	906	
095	9.770 208	10	9.862 775	15	0.137 225	9.907 434	6	905	
096	9.770 218	11	9.862 790	16	0.137 210	9.907 428	5	904	
097	9.770 229	10	9.862 806	16	0.137 194	9.907 423	6	903	
098	9.770 239	11	9.862 822	16	0.137 178	9.907 417	6	902	
099	9.770 250	10	9.862 838	16	0.137 162	9.907 411	5	901	
.100	9.770 260		9.862 854		0.137 146	9.907 406		**.900**	
	cos	d	cotg	d	tang	sin	d	**53°**	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
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7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	11	10
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2	2.2	2.0
3	3.3	3.0
4	4.4	4.0
5	5.5	5.0
6	6.6	6.0
7	7.7	7.0
8	8.8	8.0
9	9.9	9.0

	6	5
1	0.6	0.5
2	1.2	1.0
3	1.8	1.5
4	2.4	2.0
5	3.0	2.5
6	3.6	3.0
7	4.2	3.5
8	4.8	4.0
9	5.4	4.5

53°.950 — 53°.900

36°.100 — 36°.150

36°	sin	d	tang	d	cotg	cos	d		P.P.
.100	9.770 260	10	9.862 854	16	0.137 146	9.907 406	6	**.900**	
101	9.770 270	11	9.862 870	16	0.137 130	9.907 400	5	899	
102	9.770 281	10	9.862 886	16	0.137 114	9.907 395	6	898	
103	9.770 291	11	9.862 902	16	0.137 098	9.907 389	5	897	
104	9.770 302	10	9.862 918	16	0.137 082	9.907 384	6	896	
105	9.770 312	10	9.862 934	16	0.137 066	9.907 378	5	895	
106	9.770 322	11	9.862 950	16	0.137 050	9.907 373	6	894	
107	9.770 333	10	9.862 966	15	0.137 034	9.907 367	5	893	
108	9.770 343	11	9.862 981	16	0.137 019	9.907 362	6	892	
109	9.770 354	10	9.862 997	16	0.137 003	9.907 356	5	891	
.110	9.770 364	10	9.863 013	16	0.136 987	9.907 351	6	**.890**	
111	9.770 374	11	9.863 029	16	0.136 971	9.907 345	5	889	
112	9.770 385	10	9.863 045	16	0.136 955	9.907 340	6	888	
113	9.770 395	11	9.863 061	16	0.136 939	9.907 334	5	887	
114	9.770 406	10	9.863 077	16	0.136 923	9.907 329	6	886	
115	9.770 416	10	9.863 093	16	0.136 907	9.907 323	6	885	
116	9.770 426	11	9.863 109	16	0.136 891	9.907 317	5	884	
117	9.770 437	10	9.863 125	16	0.136 875	9.907 312	6	883	
118	9.770 447	10	9.863 141	16	0.136 859	9.907 306	5	882	
119	9.770 457	11	9.863 157	16	0.136 843	9.907 301	6	881	
.120	9.770 468	10	9.863 173	15	0.136 827	9.907 295	5	**.880**	
121	9.770 478	11	9.863 188	16	0.136 812	9.907 290	6	879	
122	9.770 489	10	9.863 204	16	0.136 796	9.907 284	5	878	
123	9.770 499	10	9.863 220	16	0.136 780	9.907 279	6	877	
124	9.770 509	11	9.863 236	16	0.136 764	9.907 273	5	876	
125	9.770 520	10	9.863 252	16	0.136 748	9.907 268	6	875	
126	9.770 530	11	9.863 268	16	0.136 732	9.907 262	5	874	
127	9.770 541	10	9.863 284	16	0.136 716	9.907 257	6	873	
128	9.770 551	10	9.863 300	16	0.136 700	9.907 251	5	872	
129	9.770 561	11	9.863 316	16	0.136 684	9.907 246	6	871	
.130	9.770 572	10	9.863 332	16	0.136 668	9.907 240	6	**.870**	
131	9.770 582	10	9.863 348	16	0.136 652	9.907 234	5	869	
132	9.770 592	11	9.863 364	15	0.136 636	9.907 229	6	868	
133	9.770 603	10	9.863 379	16	0.136 621	9.907 223	5	867	
134	9.770 613	11	9.863 395	16	0.136 605	9.907 218	6	866	
135	9.770 624	10	9.863 411	16	0.136 589	9.907 212	5	865	
136	9.770 634	10	9.863 427	16	0.136 573	9.907 207	6	864	
137	9.770 644	11	9.863 443	16	0.136 557	9.907 201	5	863	
138	9.770 655	10	9.863 459	16	0.136 541	9.907 196	6	862	
139	9.770 665	11	9.863 475	16	0.136 525	9.907 190	5	861	
.140	9.770 676	10	9.863 491	16	0.136 509	9.907 185	6	**.860**	
141	9.770 686	10	9.863 507	16	0.136 493	9.907 179	5	859	
142	9.770 696	11	9.863 523	16	0.136 477	9.907 174	6	858	
143	9.770 707	10	9.863 539	16	0.136 461	9.907 168	5	857	
144	9.770 717	10	9.863 555	15	0.136 445	9.907 163	6	856	
145	9.770 727	11	9.863 570	16	0.136 430	9.907 157	6	855	
146	9.770 738	10	9.863 586	16	0.136 414	9.907 151	5	854	
147	9.770 748	11	9.863 602	16	0.136 398	9.907 146	6	853	
148	9.770 759	10	9.863 618	16	0.136 382	9.907 140	5	852	
149	9.770 769	10	9.863 634	16	0.136 366	9.907 135	6	851	
.150	9.770 779		9.863 650		0.136 350	9.907 129		**.850**	
	cos	d	cotg	d	tang	sin	d	**53°**	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
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7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	11	10
1	1.1	1.0
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3	3.3	3.0
4	4.4	4.0
5	5.5	5.0
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7	7.7	7.0
8	8.8	8.0
9	9.9	9.0

	6	5
1	0.6	0.5
2	1.2	1.0
3	1.8	1.5
4	2.4	2.0
5	3.0	2.5
6	3.6	3.0
7	4.2	3.5
8	4.8	4.0
9	5.4	4.5

53°.900 — 53°.850

36°.150 — 36°.200

36°	sin	d	tang	d	cotg	cos	d		P.P.
.150	9.770 779	11	9.863 650	16	0.136 350	9.907 129	5	**.850**	
151	9.770 790	10	9.863 666	16	0.136 334	9.907 124	6	849	
152	9.770 800	10	9.863 682	16	0.136 318	9.907 118	5	848	
153	9.770 810	11	9.863 698	16	0.136 302	9.907 113	6	847	
154	9.770 821	10	9.863 714	16	0.136 286	9.907 107	5	846	
155	9.770 831	11	9.863 730	15	0.136 270	9.907 102	6	845	
156	9.770 842	10	9.863 745	16	0.136 255	9.907 096	5	844	
157	9.770 852	10	9.863 761	16	0.136 239	9.907 091	6	843	
158	9.770 862	11	9.863 777	16	0.136 223	9.907 085	6	842	
159	9.770 873	10	9.863 793	16	0.136 207	9.907 079	5	841	
.160	9.770 883	10	9.863 809	16	0.136 191	9.907 074	6	**.840**	
161	9.770 893	11	9.863 825	16	0.136 175	9.907 068	5	839	
162	9.770 904	10	9.863 841	16	0.136 159	9.907 063	6	838	
163	9.770 914	11	9.863 857	16	0.136 143	9.907 057	5	837	
164	9.770 925	10	9.863 873	16	0.136 127	9.907 052	6	836	
165	9.770 935	10	9.863 889	16	0.136 111	9.907 046	5	835	
166	9.770 945	11	9.863 905	15	0.136 095	9.907 041	6	834	
167	9.770 956	10	9.863 920	16	0.136 080	9.907 035	5	833	
168	9.770 966	10	9.863 936	16	0.136 064	9.907 030	6	832	
169	9.770 976	11	9.863 952	16	0.136 048	9.907 024	5	831	
.170	9.770 987	10	9.863 968	16	0.136 032	9.907 019	6	**.830**	
171	9.770 997	10	9.863 984	16	0.136 016	9.907 013	6	829	
172	9.771 007	11	9.864 000	16	0.136 000	9.907 007	5	828	
173	9.771 018	10	9.864 016	16	0.135 984	9.907 002	6	827	
174	9.771 028	11	9.864 032	16	0.135 968	9.906 996	5	826	
175	9.771 039	10	9.864 048	16	0.135 952	9.906 991	6	825	
176	9.771 049	10	9.864 064	16	0.135 936	9.906 985	5	824	
177	9.771 059	11	9.864 080	15	0.135 920	9.906 980	6	823	
178	9.771 070	10	9.864 095	16	0.135 905	9.906 974	5	822	
179	9.771 080	10	9.864 111	16	0.135 889	9.906 969	6	821	
.180	9.771 090	11	9.864 127	16	0.135 873	9.906 963	5	**.820**	
181	9.771 101	10	9.864 143	16	0.135 857	9.906 958	6	819	
182	9.771 111	10	9.864 159	16	0.135 841	9.906 952	6	818	
183	9.771 121	11	9.864 175	16	0.135 825	9.906 946	5	817	
184	9.771 132	10	9.864 191	16	0.135 809	9.906 941	6	816	
185	9.771 142	11	9.864 207	16	0.135 793	9.906 935	5	815	
186	9.771 153	10	9.864 223	16	0.135 777	9.906 930	6	814	
187	9.771 163	10	9.864 239	16	0.135 761	9.906 924	5	813	
188	9.771 173	11	9.864 255	15	0.135 745	9.906 919	6	812	
189	9.771 184	10	9.864 270	16	0.135 730	9.906 913	5	811	
.190	9.771 194	10	9.864 286	16	0.135 714	9.906 908	6	**.810**	
191	9.771 204	11	9.864 302	16	0.135 698	9.906 902	5	809	
192	9.771 215	10	9.864 318	16	0.135 682	9.906 897	6	808	
193	9.771 225	10	9.864 334	16	0.135 666	9.906 891	6	807	
194	9.771 235	11	9.864 350	16	0.135 650	9.906 885	5	806	
195	9.771 246	10	9.864 366	16	0.135 634	9.906 880	6	805	
196	9.771 256	11	9.864 382	16	0.135 618	9.906 874	5	804	
197	9.771 267	10	9.864 398	16	0.135 602	9.906 869	6	803	
198	9.771 277	10	9.864 414	16	0.135 586	9.906 863	5	802	
199	9.771 287	11	9.864 430	15	0.135 570	9.906 858	6	801	
.200	9.771 298		9.864 445		0.135 555	9.906 852		**.800**	
	cos	d	cotg	d	tang	sin	d	53°	P.P.

	16	15
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2	3.2	3.0
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6	3.6	3.0
7	4.2	3.5
8	4.8	4.0
9	5.4	4.5

53°.850 — 53°.800

36°.200 — 36°.250

36°	sin	d	tang	d	cotg	cos	d		P.P.
.200	9.771 298	10	9.864 445	16	0.135 555	9.906 852	5	**.800**	
201	9.771 308	10	9.864 461	16	0.135 539	9.906 847	6	799	
202	9.771 318	11	9.864 477	16	0.135 523	9.906 841	5	798	
203	9.771 329	10	9.864 493	16	0.135 507	9.906 836	6	797	
204	9.771 339	10	9.864 509	16	0.135 491	9.906 830	6	796	
205	9.771 349	11	9.864 525	16	0.135 475	9.906 824	5	795	
206	9.771 360	10	9.864 541	16	0.135 459	9.906 819	6	794	
207	9.771 370	10	9.864 557	16	0.135 443	9.906 813	5	793	
208	9.771 380	11	9.864 573	16	0.135 427	9.906 808	6	792	
209	9.771 391	10	9.864 589	15	0.135 411	9.906 802	5	791	
.210	9.771 401	11	9.864 604	16	0.135 396	9.906 797	6	**.790**	
211	9.771 412	10	9.864 620	16	0.135 380	9.906 791	5	789	
212	9.771 422	10	9.864 636	16	0.135 364	9.906 786	6	788	
213	9.771 432	11	9.864 652	16	0.135 348	9.906 780	6	787	
214	9.771 443	10	9.864 668	16	0.135 332	9.906 774	5	786	
215	9.771 453	10	9.864 684	16	0.135 316	9.906 769	6	785	
216	9.771 463	11	9.864 700	16	0.135 300	9.906 763	5	784	
217	9.771 474	10	9.864 716	16	0.135 284	9.906 758	6	783	
218	9.771 484	10	9.864 732	16	0.135 268	9.906 752	5	782	
219	9.771 494	11	9.864 748	15	0.135 252	9.906 747	6	781	
.220	9.771 505	10	9.864 763	16	0.135 237	9.906 741	5	**.780**	
221	9.771 515	10	9.864 779	16	0.135 221	9.906 736	6	779	
222	9.771 525	11	9.864 795	16	0.135 205	9.906 730	5	778	
223	9.771 536	10	9.864 811	16	0.135 189	9.906 725	6	777	
224	9.771 546	10	9.864 827	16	0.135 173	9.906 719	6	776	
225	9.771 556	11	9.864 843	16	0.135 157	9.906 713	5	775	
226	9.771 567	10	9.864 859	16	0.135 141	9.906 708	6	774	
227	9.771 577	10	9.864 875	16	0.135 125	9.906 702	5	773	
228	9.771 587	11	9.864 891	16	0.135 109	9.906 697	6	772	
229	9.771 598	10	9.864 907	15	0.135 093	9.906 691	5	771	
.230	9.771 608	10	9.864 922	16	0.135 078	9.906 686	6	**.770**	
231	9.771 618	11	9.864 938	16	0.135 062	9.906 680	5	769	
232	9.771 629	10	9.864 954	16	0.135 046	9.906 675	6	768	
233	9.771 639	11	9.864 970	16	0.135 030	9.906 669	6	767	
234	9.771 650	10	9.864 986	16	0.135 014	9.906 663	5	766	
235	9.771 660	10	9.865 002	16	0.134 998	9.906 658	6	765	
236	9.771 670	11	9.865 018	16	0.134 982	9.906 652	5	764	
237	9.771 681	10	9.865 034	16	0.134 966	9.906 647	6	763	
238	9.771 691	10	9.865 050	16	0.134 950	9.906 641	5	762	
239	9.771 701	11	9.865 066	15	0.134 934	9.906 636	6	761	
.240	9.771 712	10	9.865 081	16	0.134 919	9.906 630	5	**.760**	
241	9.771 722	10	9.865 097	16	0.134 903	9.906 625	6	759	
242	9.771 732	11	9.865 113	16	0.134 887	9.906 619	6	758	
243	9.771 743	10	9.865 129	16	0.134 871	9.906 613	5	757	
244	9.771 753	10	9.865 145	16	0.134 855	9.906 608	6	756	
245	9.771 763	11	9.865 161	16	0.134 839	9.906 602	5	755	
246	9.771 774	10	9.865 177	16	0.134 823	9.906 597	6	754	
247	9.771 784	10	9.865 193	16	0.134 807	9.906 591	5	753	
248	9.771 794	11	9.865 209	16	0.134 791	9.906 586	6	752	
249	9.771 805	10	9.865 225	15	0.134 775	9.906 580	5	751	
.250	9.771 815		9.865 240		0.134 760	9.906 575		**.750**	
	cos	d	cotg	d	tang	sin	d	**53°**	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
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9	14.4	13.5

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9	9.9	9.0

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6	3.6	3.0
7	4.2	3.5
8	4.8	4.0
9	5.4	4.5

53°.800 — 53°.750

36°.250 — 36°.300

36°	sin	d	tang	d	cotg	cos	d		P.P.
.250	9.771 815	10	9.865 240	16	0.134 760	9.906 575	6	**.750**	
251	9.771 825	11	9.865 256	16	0.134 744	9.906 569	6	749	
252	9.771 836	10	9.865 272	16	0.134 728	9.906 563	5	748	
253	9.771 846	10	9.865 288	16	0.134 712	9.906 558	6	747	
254	9.771 856	11	9.865 304	16	0.134 696	9.906 552	5	746	
255	9.771 867	10	9.865 320	16	0.134 680	9.906 547	6	745	
256	9.771 877	10	9.865 336	16	0.134 664	9.906 541	5	744	
257	9.771 887	11	9.865 352	16	0.134 648	9.906 536	6	743	
258	9.771 898	10	9.865 368	15	0.134 632	9.906 530	5	742	
259	9.771 908	10	9.865 383	16	0.134 617	9.906 525	6	741	
.260	9.771 918	11	9.865 399	16	0.134 601	9.906 519	6	**.740**	
261	9.771 929	10	9.865 415	16	0.134 585	9.906 513	5	739	
262	9.771 939	10	9.865 431	16	0.134 569	9.906 508	6	738	
263	9.771 949	11	9.865 447	16	0.134 553	9.906 502	5	737	
264	9.771 960	10	9.865 463	16	0.134 537	9.906 497	6	736	
265	9.771 970	10	9.865 479	16	0.134 521	9.906 491	5	735	
266	9.771 980	11	9.865 495	16	0.134 505	9.906 486	6	734	
267	9.771 991	10	9.865 511	16	0.134 489	9.906 480	6	733	
268	9.772 001	10	9.865 527	15	0.134 473	9.906 474	5	732	
269	9.772 011	11	9.865 542	16	0.134 458	9.906 469	6	731	
.270	9.772 022	10	9.865 558	16	0.134 442	9.906 463	5	**.730**	
271	9.772 032	10	9.865 574	16	0.134 426	9.906 458	6	729	
272	9.772 042	11	9.865 590	16	0.134 410	9.906 452	5	728	
273	9.772 053	10	9.865 606	16	0.134 394	9.906 447	6	727	
274	9.772 063	10	9.865 622	16	0.134 378	9.906 441	5	726	
275	9.772 073	11	9.865 638	16	0.134 362	9.906 436	6	725	
276	9.772 084	10	9.865 654	16	0.134 346	9.906 430	6	724	
277	9.772 094	10	9.865 670	15	0.134 330	9.906 424	5	723	
278	9.772 104	11	9.865 685	16	0.134 315	9.906 419	6	722	
279	9.772 115	10	9.865 701	16	0.134 299	9.906 413	5	721	
.280	9.772 125	10	9.865 717	16	0.134 283	9.906 408	6	**.720**	
281	9.772 135	11	9.865 733	16	0.134 267	9.906 402	5	719	
282	9.772 146	10	9.865 749	16	0.134 251	9.906 397	6	718	
283	9.772 156	10	9.865 765	16	0.134 235	9.906 391	6	717	
284	9.772 166	11	9.865 781	16	0.134 219	9.906 385	5	716	
285	9.772 177	10	9.865 797	16	0.134 203	9.906 380	6	715	
286	9.772 187	10	9.865 813	15	0.134 187	9.906 374	5	714	
287	9.772 197	11	9.865 828	16	0.134 172	9.906 369	6	713	
288	9.772 208	10	9.865 844	16	0.134 156	9.906 363	5	712	
289	9.772 218	10	9.865 860	16	0.134 140	9.906 358	6	711	
.290	9.772 228	10	9.865 876	16	0.134 124	9.906 352	5	**.710**	
291	9.772 238	11	9.865 892	16	0.134 108	9.906 347	6	709	
292	9.772 249	10	9.865 908	16	0.134 092	9.906 341	6	708	
293	9.772 259	10	9.865 924	16	0.134 076	9.906 335	5	707	
294	9.772 269	11	9.865 940	16	0.134 060	9.906 330	6	706	
295	9.772 280	10	9.865 956	15	0.134 044	9.906 324	5	705	
296	9.772 290	10	9.865 971	16	0.134 029	9.906 319	6	704	
297	9.772 300	11	9.865 987	16	0.134 013	9.906 313	5	703	
298	9.772 311	10	9.866 003	16	0.133 997	9.906 308	6	702	
299	9.772 321	10	9.866 019	16	0.133 981	9.906 302	6	701	
.300	9.772 331		9.866 035		0.133 965	9.906 296		**.700**	
	cos	d	cotg	d	tang	sin	d	**53°**	P.P.

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9	9.9	9.0

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6	3.6	3.0
7	4.2	3.5
8	4.8	4.0
9	5.4	4.5

53°.750 — 53°.700

36°.300 — 36°.350

36°	sin	d	tang	d	cotg	cos	d		P.P.
.300	9.772 331	11	9.866 035	16	0.133 965	9.906 296	5	.700	
301	9.772 342	10	9.866 051	16	0.133 949	9.906 291	6	699	
302	9.772 352	10	9.866 067	16	0.133 933	9.906 285	5	698	
303	9.772 362	11	9.866 083	16	0.133 917	9.906 280	6	697	
304	9.772 373	10	9.866 099	15	0.133 901	9.906 274	5	696	
305	9.772 383	10	9.866 114	16	0.133 886	9.906 269	6	695	
306	9.772 393	11	9.866 130	16	0.133 870	9.906 263	6	694	
307	9.772 404	10	9.866 146	16	0.133 854	9.906 257	5	693	
308	9.772 414	10	9.866 162	16	0.133 838	9.906 252	6	692	
309	9.772 424	11	9.866 178	16	0.133 822	9.906 246	5	691	
.310	9.772 435	10	9.866 194	16	0.133 806	9.906 241	6	.690	
311	9.772 445	10	9.866 210	16	0.133 790	9.906 235	5	689	
312	9.772 455	10	9.866 226	15	0.133 774	9.906 230	6	688	
313	9.772 465	11	9.866 241	16	0.133 759	9.906 224	6	687	
314	9.772 476	10	9.866 257	16	0.133 743	9.906 218	5	686	
315	9.772 486	10	9.866 273	16	0.133 727	9.906 213	6	685	
316	9.772 496	11	9.866 289	16	0.133 711	9.906 207	5	684	
317	9.772 507	10	9.866 305	16	0.133 695	9.906 202	6	683	
318	9.772 517	10	9.866 321	16	0.133 679	9.906 196	5	682	
319	9.772 527	11	9.866 337	16	0.133 663	9.906 191	6	681	
.320	9.772 538	10	9.866 353	16	0.133 647	9.906 185	6	.680	
321	9.772 548	10	9.866 369	15	0.133 631	9.906 179	5	679	
322	9.772 558	11	9.866 384	16	0.133 616	9.906 174	6	678	
323	9.772 569	10	9.866 400	16	0.133 600	9.906 168	5	677	
324	9.772 579	10	9.866 416	16	0.133 584	9.906 163	6	676	
325	9.772 589	11	9.866 432	16	0.133 568	9.906 157	5	675	
326	9.772 600	10	9.866 448	16	0.133 552	9.906 152	6	674	
327	9.772 610	10	9.866 464	16	0.133 536	9.906 146	6	673	
328	9.772 620	10	9.866 480	16	0.133 520	9.906 140	5	672	
329	9.772 630	11	9.866 496	16	0.133 504	9.906 135	6	671	
.330	9.772 641	10	9.866 512	15	0.133 488	9.906 129	5	.670	
331	9.772 651	10	9.866 527	16	0.133 473	9.906 124	6	669	
332	9.772 661	11	9.866 543	16	0.133 457	9.906 118	5	668	
333	9.772 672	10	9.866 559	16	0.133 441	9.906 113	6	667	
334	9.772 682	10	9.866 575	16	0.133 425	9.906 107	6	666	
335	9.772 692	11	9.866 591	16	0.133 409	9.906 101	5	665	
336	9.772 703	10	9.866 607	16	0.133 393	9.906 096	6	664	
337	9.772 713	10	9.866 623	16	0.133 377	9.906 090	5	663	
338	9.772 723	11	9.866 639	15	0.133 361	9.906 085	6	662	
339	9.772 734	10	9.866 654	16	0.133 346	9.906 079	5	661	
.340	9.772 744	10	9.866 670	16	0.133 330	9.906 074	6	.660	
341	9.772 754	10	9.866 686	16	0.133 314	9.906 068	6	659	
342	9.772 764	11	9.866 702	16	0.133 298	9.906 062	5	658	
343	9.772 775	10	9.866 718	16	0.133 282	9.906 057	6	657	
344	9.772 785	10	9.866 734	16	0.133 266	9.906 051	5	656	
345	9.772 795	11	9.866 750	16	0.133 250	9.906 046	6	655	
346	9.772 806	10	9.866 766	15	0.133 234	9.906 040	6	654	
347	9.772 816	10	9.866 781	16	0.133 219	9.906 034	5	653	
348	9.772 826	11	9.866 797	16	0.133 203	9.906 029	6	652	
349	9.772 837	10	9.866 813	16	0.133 187	9.906 023	5	651	
.350	9.772 847		9.866 829		0.133 171	9.906 018		.650	
	cos	d	cotg	d	tang	sin	d	53°	P.P.

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9	14.4	13.5

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8	8.8	8.0
9	9.9	9.0

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1	0.6	0.5
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3	1.8	1.5
4	2.4	2.0
5	3.0	2.5
6	3.6	3.0
7	4.2	3.5
8	4.8	4.0
9	5.4	4.5

53°.700 — 53°.650

36°.350 — 36°.400

36°	sin	d	tang	d	cotg	cos	d		P.P.
.350	9.772 847	10	9.866 829	16	0.133 171	9.906 018	6	.650	
351	9.772 857	10	9.866 845	16	0.133 155	9.906 012	5	649	
352	9.772 867	11	9.866 861	16	0.133 139	9.906 007	6	648	
353	9.772 878	10	9.866 877	16	0.133 123	9.906 001	6	647	
354	9.772 888	10	9.866 893	15	0.133 107	9.905 995	5	646	
355	9.772 898	11	9.866 908	16	0.133 092	9.905 990	6	645	
356	9.772 909	10	9.866 924	16	0.133 076	9.905 984	5	644	
357	9.772 919	10	9.866 940	16	0.133 060	9.905 979	6	643	
358	9.772 929	11	9.866 956	16	0.133 044	9.905 973	5	642	
359	9.772 940	10	9.866 972	16	0.133 028	9.905 968	6	641	
.360	9.772 950	10	9.866 988	16	0.133 012	9.905 962	6	.640	
361	9.772 960	10	9.867 004	16	0.132 996	9.905 956	5	639	
362	9.772 970	11	9.867 020	15	0.132 980	9.905 951	6	638	
363	9.772 981	10	9.867 035	16	0.132 965	9.905 945	5	637	
364	9.772 991	10	9.867 051	16	0.132 949	9.905 940	6	636	
365	9.773 001	11	9.867 067	16	0.132 933	9.905 934	6	635	
366	9.773 012	10	9.867 083	16	0.132 917	9.905 928	5	634	
367	9.773 022	10	9.867 099	16	0.132 901	9.905 923	6	633	
368	9.773 032	10	9.867 115	16	0.132 885	9.905 917	5	632	
369	9.773 042	11	9.867 131	16	0.132 869	9.905 912	6	631	
.370	9.773 053	10	9.867 147	15	0.132 853	9.905 906	5	.630	
371	9.773 063	10	9.867 162	16	0.132 838	9.905 901	6	629	
372	9.773 073	11	9.867 178	16	0.132 822	9.905 895	6	628	
373	9.773 084	10	9.867 194	16	0.132 806	9.905 889	5	627	
374	9.773 094	10	9.867 210	16	0.132 790	9.905 884	6	626	
375	9.773 104	11	9.867 226	16	0.132 774	9.905 878	5	625	
376	9.773 115	10	9.867 242	16	0.132 758	9.905 873	6	624	
377	9.773 125	10	9.867 258	16	0.132 742	9.905 867	6	623	
378	9.773 135	10	9.867 274	15	0.132 726	9.905 861	5	622	
379	9.773 145	11	9.867 289	16	0.132 711	9.905 856	6	621	
.380	9.773 156	10	9.867 305	16	0.132 695	9.905 850	5	.620	
381	9.773 166	10	9.867 321	16	0.132 679	9.905 845	6	619	
382	9.773 176	11	9.867 337	16	0.132 663	9.905 839	5	618	
383	9.773 187	10	9.867 353	16	0.132 647	9.905 834	6	617	
384	9.773 197	10	9.867 369	16	0.132 631	9.905 828	6	616	
385	9.773 207	10	9.867 385	16	0.132 615	9.905 822	5	615	
386	9.773 217	11	9.867 401	15	0.132 599	9.905 817	6	614	
387	9.773 228	10	9.867 416	16	0.132 584	9.905 811	5	613	
388	9.773 238	10	9.867 432	16	0.132 568	9.905 806	6	612	
389	9.773 248	11	9.867 448	16	0.132 552	9.905 800	6	611	
.390	9.773 259	10	9.867 464	16	0.132 536	9.905 794	5	.610	
391	9.773 269	10	9.867 480	16	0.132 520	9.905 789	6	609	
392	9.773 279	10	9.867 496	16	0.132 504	9.905 783	5	608	
393	9.773 289	11	9.867 512	16	0.132 488	9.905 778	6	607	
394	9.773 300	10	9.867 528	15	0.132 472	9.905 772	5	606	
395	9.773 310	10	9.867 543	16	0.132 457	9.905 767	6	605	
396	9.773 320	11	9.867 559	16	0.132 441	9.905 761	6	604	
397	9.773 331	10	9.867 575	16	0.132 425	9.905 755	5	603	
398	9.773 341	10	9.867 591	16	0.132 409	9.905 750	6	602	
399	9.773 351	10	9.867 607	16	0.132 393	9.905 744	5	601	
.400	9.773 361		9.867 623		0.132 377	9.905 739		.600	
	cos	d	cotg	d	tang	sin	d	53°	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	11	10
1	1.1	1.0
2	2.2	2.0
3	3.3	3.0
4	4.4	4.0
5	5.5	5.0
6	6.6	6.0
7	7.7	7.0
8	8.8	8.0
9	9.9	9.0

	6	5
1	0.6	0.5
2	1.2	1.0
3	1.8	1.5
4	2.4	2.0
5	3.0	2.5
6	3.6	3.0
7	4.2	3.5
8	4.8	4.0
9	5.4	4.5

53°.650 — 53°.600

36°.400 — 36°.450

36°	sin	d	tang	d	cotg	cos	d		P.P.
.400	9.773 361	11	9.867 623	16	0.132 377	9.905 739	6	.600	
401	9.773 372	10	9.867 639	16	0.132 361	9.905 733	6	599	
402	9.773 382	10	9.867 655	15	0.132 345	9.905 727	5	598	
403	9.773 392	10	9.867 670	16	0.132 330	9.905 722	6	597	
404	9.773 402	11	9.867 686	16	0.132 314	9.905 716	5	596	
405	9.773 413	10	9.867 702	16	0.132 298	9.905 711	6	595	
406	9.773 423	10	9.867 718	16	0.132 282	9.905 705	6	594	
407	9.773 433	11	9.867 734	16	0.132 266	9.905 699	5	593	
408	9.773 444	10	9.867 750	16	0.132 250	9.905 694	6	592	
409	9.773 454	10	9.867 766	15	0.132 234	9.905 688	5	591	
.410	9.773 464	10	9.867 781	16	0.132 219	9.905 683	6	.590	
411	9.773 474	11	9.867 797	16	0.132 203	9.905 677	5	589	
412	9.773 485	10	9.867 813	16	0.132 187	9.905 672	6	588	
413	9.773 495	10	9.867 829	16	0.132 171	9.905 666	6	587	
414	9.773 505	11	9.867 845	16	0.132 155	9.905 660	5	586	
415	9.773 516	10	9.867 861	16	0.132 139	9.905 655	6	585	
416	9.773 526	10	9.867 877	16	0.132 123	9.905 649	5	584	
417	9.773 536	10	9.867 893	15	0.132 107	9.905 644	6	583	
418	9.773 546	11	9.867 908	16	0.132 092	9.905 638	6	582	
419	9.773 557	10	9.867 924	16	0.132 076	9.905 632	5	581	
.420	9.773 567	10	9.867 940	16	0.132 060	9.905 627	6	.580	
421	9.773 577	10	9.867 956	16	0.132 044	9.905 621	5	579	
422	9.773 587	11	9.867 972	16	0.132 028	9.905 616	6	578	
423	9.773 598	10	9.867 988	16	0.132 012	9.905 610	6	577	
424	9.773 608	10	9.868 004	15	0.131 996	9.905 604	5	576	
425	9.773 618	11	9.868 019	16	0.131 981	9.905 599	6	575	
426	9.773 629	10	9.868 035	16	0.131 965	9.905 593	5	574	
427	9.773 639	10	9.868 051	16	0.131 949	9.905 588	6	573	
428	9.773 649	10	9.868 067	16	0.131 933	9.905 582	6	572	
429	9.773 659	11	9.868 083	16	0.131 917	9.905 576	5	571	
.430	9.773 670	10	9.868 099	16	0.131 901	9.905 571	6	.570	
431	9.773 680	10	9.868 115	16	0.131 885	9.905 565	5	569	
432	9.773 690	10	9.868 131	15	0.131 869	9.905 560	6	568	
433	9.773 700	11	9.868 146	16	0.131 854	9.905 554	6	567	
434	9.773 711	10	9.868 162	16	0.131 838	9.905 548	5	566	
435	9.773 721	10	9.868 178	16	0.131 822	9.905 543	6	565	
436	9.773 731	11	9.868 194	16	0.131 806	9.905 537	5	564	
437	9.773 742	10	9.868 210	16	0.131 790	9.905 532	6	563	
438	9.773 752	10	9.868 226	16	0.131 774	9.905 526	6	562	
439	9.773 762	10	9.868 242	15	0.131 758	9.905 520	5	561	
.440	9.773 772	11	9.868 257	16	0.131 743	9.905 515	6	.560	
441	9.773 783	10	9.868 273	16	0.131 727	9.905 509	5	559	
442	9.773 793	10	9.868 289	16	0.131 711	9.905 504	6	558	
443	9.773 803	10	9.868 305	16	0.131 695	9.905 498	6	557	
444	9.773 813	11	9.868 321	16	0.131 679	9.905 492	5	556	
445	9.773 824	10	9.868 337	16	0.131 663	9.905 487	6	555	
446	9.773 834	10	9.868 353	15	0.131 647	9.905 481	5	554	
447	9.773 844	10	9.868 368	16	0.131 632	9.905 476	6	553	
448	9.773 854	11	9.868 384	16	0.131 616	9.905 470	5	552	
449	9.773 865	10	9.868 400	16	0.131 600	9.905 465	6	551	
.450	9.773 875		9.868 416		0.131 584	9.905 459		.550	
	cos	d	cotg	d	tang	sin	d	53°	P.P.

	16	15
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2	3.2	3.0
3	4.8	4.5
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7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

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7	7.7	7.0
8	8.8	8.0
9	9.9	9.0

	6	5
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3	1.8	1.5
4	2.4	2.0
5	3.0	2.5
6	3.6	3.0
7	4.2	3.5
8	4.8	4.0
9	5.4	4.5

53°.600 — 53°.550

36°.450 — 36°.500

36°	sin	d	tang	d	cotg	cos	d		P.P.
.450	9.773 875	10	9.868 416	16	0.131 584	9.905 459	6	**.550**	
451	9.773 885	10	9.868 432	16	0.131 568	9.905 453	5	549	
452	9.773 895	11	9.868 448	16	0.131 552	9.905 448	6	548	
453	9.773 906	10	9.868 464	15	0.131 536	9.905 442	5	547	
454	9.773 916	10	9.868 479	16	0.131 521	9.905 437	6	546	
455	9.773 926	11	9.868 495	16	0.131 505	9.905 431	6	545	
456	9.773 937	10	9.868 511	16	0.131 489	9.905 425	5	544	
457	9.773 947	10	9.868 527	16	0.131 473	9.905 420	6	543	
458	9.773 957	10	9.868 543	16	0.131 457	9.905 414	5	542	
459	9.773 967	11	9.868 559	16	0.131 441	9.905 409	6	541	
.460	9.773 978	10	9.868 575	16	0.131 425	9.905 403	6	**.540**	
461	9.773 988	10	9.868 591	15	0.131 409	9.905 397	5	539	
462	9.773 998	10	9.868 606	16	0.131 394	9.905 392	6	538	
463	9.774 008	11	9.868 622	16	0.131 378	9.905 386	5	537	
464	9.774 019	10	9.868 638	16	0.131 362	9.905 381	6	536	
465	9.774 029	10	9.868 654	16	0.131 346	9.905 375	6	535	
466	9.774 039	10	9.868 670	16	0.131 330	9.905 369	5	534	
467	9.774 049	11	9.868 686	16	0.131 314	9.905 364	6	533	
468	9.774 060	10	9.868 702	15	0.131 298	9.905 358	6	532	
469	9.774 070	10	9.868 717	16	0.131 283	9.905 352	5	531	
.470	9.774 080	10	9.868 733	16	0.131 267	9.905 347	6	**.530**	
471	9.774 090	11	9.868 749	16	0.131 251	9.905 341	5	529	
472	9.774 101	10	9.868 765	16	0.131 235	9.905 336	6	528	
473	9.774 111	10	9.868 781	16	0.131 219	9.905 330	6	527	
474	9.774 121	10	9.868 797	16	0.131 203	9.905 324	5	526	
475	9.774 131	11	9.868 813	15	0.131 187	9.905 319	6	525	
476	9.774 142	10	9.868 828	16	0.131 172	9.905 313	5	524	
477	9.774 152	10	9.868 844	16	0.131 156	9.905 308	6	523	
478	9.774 162	10	9.868 860	16	0.131 140	9.905 302	6	522	
479	9.774 172	11	9.868 876	16	0.131 124	9.905 296	5	521	
.480	9.774 183	10	9.868 892	16	0.131 108	9.905 291	6	**.520**	
481	9.774 193	10	9.868 908	16	0.131 092	9.905 285	5	519	
482	9.774 203	10	9.868 924	15	0.131 076	9.905 280	6	518	
483	9.774 213	11	9.868 939	16	0.131 061	9.905 274	6	517	
484	9.774 224	10	9.868 955	16	0.131 045	9.905 268	5	516	
485	9.774 234	10	9.868 971	16	0.131 029	9.905 263	6	515	
486	9.774 244	10	9.868 987	16	0.131 013	9.905 257	5	514	
487	9.774 254	11	9.869 003	16	0.130 997	9.905 252	6	513	
488	9.774 265	10	9.869 019	15	0.130 981	9.905 246	6	512	
489	9.774 275	10	9.869 034	16	0.130 966	9.905 240	5	511	
.490	9.774 285	10	9.869 050	16	0.130 950	9.905 235	6	**.510**	
491	9.774 295	11	9.869 066	16	0.130 934	9.905 229	5	509	
492	9.774 306	10	9.869 082	16	0.130 918	9.905 224	6	508	
493	9.774 316	10	9.869 098	16	0.130 902	9.905 218	6	507	
494	9.774 326	10	9.869 114	16	0.130 886	9.905 212	5	506	
495	9.774 336	11	9.869 130	15	0.130 870	9.905 207	6	505	
496	9.774 347	10	9.869 145	16	0.130 855	9.905 201	5	504	
497	9.774 357	10	9.869 161	16	0.130 839	9.905 196	6	503	
498	9.774 367	10	9.869 177	16	0.130 823	9.905 190	6	502	
499	9.774 377	11	9.869 193	16	0.130 807	9.905 184	5	501	
.500	9.774 388		9.869 209		0.130 791	9.905 179		**.500**	
	cos	d	cotg	d	tang	sin	d	53°	P.P.

	16	15
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2	3.2	3.0
3	4.8	4.5
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7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	11	10
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2	2.2	2.0
3	3.3	3.0
4	4.4	4.0
5	5.5	5.0
6	6.6	6.0
7	7.7	7.0
8	8.8	8.0
9	9.9	9.0

	6	5
1	0.6	0.5
2	1.2	1.0
3	1.8	1.5
4	2.4	2.0
5	3.0	2.5
6	3.6	3.0
7	4.2	3.5
8	4.8	4.0
9	5.4	4.5

53°.550 — 53°.500

36°.500 — 36°.550

36°	sin	d	tang	d	cotg	cos	d		P.P.
.500	9.774 388	10	9.869 209	16	0.130 791	9.905 179	6	.500	
501	9.774 398	10	9.869 225	16	0.130 775	9.905 173	5	499	
502	9.774 408	10	9.869 241	15	0.130 759	9.905 168	6	498	
503	9.774 418	11	9.869 256	16	0.130 744	9.905 162	6	497	
504	9.774 429	10	9.869 272	16	0.130 728	9.905 156	5	496	
505	9.774 439	10	9.869 288	16	0.130 712	9.905 151	6	495	
506	9.774 449	10	9.869 304	16	0.130 696	9.905 145	6	494	
507	9.774 459	11	9.869 320	16	0.130 680	9.905 139	5	493	
508	9.774 470	10	9.869 336	16	0.130 664	9.905 134	6	492	
509	9.774 480	10	9.869 352	15	0.130 648	9.905 128	5	491	
.510	9.774 490	10	9.869 367	16	0.130 633	9.905 123	6	.490	
511	9.774 500	10	9.869 383	16	0.130 617	9.905 117	6	489	
512	9.774 510	11	9.869 399	16	0.130 601	9.905 111	5	488	
513	9.774 521	10	9.869 415	16	0.130 585	9.905 106	6	487	
514	9.774 531	10	9.869 431	16	0.130 569	9.905 100	5	486	
515	9.774 541	10	9.869 447	15	0.130 553	9.905 095	6	485	
516	9.774 551	11	9.869 462	16	0.130 538	9.905 089	6	484	
517	9.774 562	10	9.869 478	16	0.130 522	9.905 083	5	483	
518	9.774 572	10	9.869 494	16	0.130 506	9.905 078	6	482	
519	9.774 582	10	9.869 510	16	0.130 490	9.905 072	5	481	
.520	9.774 592	11	9.869 526	16	0.130 474	9.905 067	6	.480	
521	9.774 603	10	9.869 542	16	0.130 458	9.905 061	6	479	
522	9.774 613	10	9.869 558	15	0.130 442	9.905 055	5	478	
523	9.774 623	10	9.869 573	16	0.130 427	9.905 050	6	477	
524	9.774 633	11	9.869 589	16	0.130 411	9.905 044	6	476	
525	9.774 644	10	9.869 605	16	0.130 395	9.905 038	5	475	
526	9.774 654	10	9.869 621	16	0.130 379	9.905 033	6	474	
527	9.774 664	10	9.869 637	16	0.130 363	9.905 027	5	473	
528	9.774 674	11	9.869 653	16	0.130 347	9.905 022	6	472	
529	9.774 685	10	9.869 669	15	0.130 331	9.905 016	6	471	
.530	9.774 695	10	9.869 684	16	0.130 316	9.905 010	5	.470	
531	9.774 705	10	9.869 700	16	0.130 300	9.905 005	6	469	
532	9.774 715	10	9.869 716	16	0.130 284	9.904 999	5	468	
533	9.774 725	11	9.869 732	16	0.130 268	9.904 994	6	467	
534	9.774 736	10	9.869 748	16	0.130 252	9.904 988	6	466	
535	9.774 746	10	9.869 764	15	0.130 236	9.904 982	5	465	
536	9.774 756	10	9.869 779	16	0.130 221	9.904 977	6	464	
537	9.774 766	11	9.869 795	16	0.130 205	9.904 971	6	463	
538	9.774 777	10	9.869 811	16	0.130 189	9.904 965	5	462	
539	9.774 787	10	9.869 827	16	0.130 173	9.904 960	6	461	
.540	9.774 797	10	9.869 843	16	0.130 157	9.904 954	5	.460	
541	9.774 807	10	9.869 859	16	0.130 141	9.904 949	6	459	
542	9.774 817	11	9.869 875	15	0.130 125	9.904 943	6	458	
543	9.774 828	10	9.869 890	16	0.130 110	9.904 937	5	457	
544	9.774 838	10	9.869 906	16	0.130 094	9.904 932	6	456	
545	9.774 848	10	9.869 922	16	0.130 078	9.904 926	5	455	
546	9.774 858	11	9.869 938	16	0.130 062	9.904 921	6	454	
547	9.774 869	10	9.869 954	16	0.130 046	9.904 915	6	453	
548	9.774 879	10	9.869 970	15	0.130 030	9.904 909	5	452	
549	9.774 889	10	9.869 985	16	0.130 015	9.904 904	6	451	
.550	9.774 899		9.870 001		0.129 999	9.904 898		.450	
	cos	d	cotg	d	tang	sin	d	53°	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	11	10
1	1.1	1.0
2	2.2	2.0
3	3.3	3.0
4	4.4	4.0
5	5.5	5.0
6	6.6	6.0
7	7.7	7.0
8	8.8	8.0
9	9.9	9.0

	6	5
1	0.6	0.5
2	1.2	1.0
3	1.8	1.5
4	2.4	2.0
5	3.0	2.5
6	3.6	3.0
7	4.2	3.5
8	4.8	4.0
9	5.4	4.5

53°.500 — 53°.450

36°.550 — 36°.600

36°	sin	d	tang	d	cotg	cos	d		P.P.
.550	9.774 899	11	9.870 001	16	0.129 999	9.904 898	6	.450	
551	9.774 910	10	9.870 017	16	0.129 983	9.904 892	5	449	
552	9.774 920	10	9.870 033	16	0.129 967	9.904 887	6	448	
553	9.774 930	10	9.870 049	16	0.129 951	9.904 881	5	447	
554	9.774 940	10	9.870 065	16	0.129 935	9.904 876	6	446	
555	9.774 950	11	9.870 081	15	0.129 919	9.904 870	6	445	
556	9.774 961	10	9.870 096	16	0.129 904	9.904 864	5	444	
557	9.774 971	10	9.870 112	16	0.129 888	9.904 859	6	443	
558	9.774 981	10	9.870 128	16	0.129 872	9.904 853	6	442	
559	9.774 991	11	9.870 144	16	0.129 856	9.904 847	5	441	
.560	9.775 002	10	9.870 160	16	0.129 840	9.904 842	6	.440	
561	9.775 012	10	9.870 176	15	0.129 824	9.904 836	5	439	
562	9.775 022	10	9.870 191	16	0.129 809	9.904 831	6	438	
563	9.775 032	10	9.870 207	16	0.129 793	9.904 825	6	437	
564	9.775 042	11	9.870 223	16	0.129 777	9.904 819	5	436	
565	9.775 053	10	9.870 239	16	0.129 761	9.904 814	6	435	
566	9.775 063	10	9.870 255	16	0.129 745	9.904 808	6	434	
567	9.775 073	10	9.870 271	15	0.129 729	9.904 802	5	433	
568	9.775 083	11	9.870 286	16	0.129 714	9.904 797	6	432	
569	9.775 094	10	9.870 302	16	0.129 698	9.904 791	5	431	
.570	9.775 104	10	9.870 318	16	0.129 682	9.904 786	6	.430	
571	9.775 114	10	9.870 334	16	0.129 666	9.904 780	6	429	
572	9.775 124	10	9.870 350	16	0.129 650	9.904 774	5	428	
573	9.775 134	11	9.870 366	15	0.129 634	9.904 769	6	427	
574	9.775 145	10	9.870 381	16	0.129 619	9.904 763	6	426	
575	9.775 155	10	9.870 397	16	0.129 603	9.904 757	5	425	
576	9.775 165	10	9.870 413	16	0.129 587	9.904 752	6	424	
577	9.775 175	10	9.870 429	16	0.129 571	9.904 746	5	423	
578	9.775 185	11	9.870 445	16	0.129 555	9.904 741	6	422	
579	9.775 196	10	9.870 461	16	0.129 539	9.904 735	6	421	
.580	9.775 206	10	9.870 477	15	0.129 523	9.904 729	5	.420	
581	9.775 216	10	9.870 492	16	0.129 508	9.904 724	6	419	
582	9.775 226	11	9.870 508	16	0.129 492	9.904 718	6	418	
583	9.775 237	10	9.870 524	16	0.129 476	9.904 712	5	417	
584	9.775 247	10	9.870 540	16	0.129 460	9.904 707	6	416	
585	9.775 257	10	9.870 556	16	0.129 444	9.904 701	5	415	
586	9.775 267	10	9.870 572	15	0.129 428	9.904 696	6	414	
587	9.775 277	11	9.870 587	16	0.129 413	9.904 690	6	413	
588	9.775 288	10	9.870 603	16	0.129 397	9.904 684	5	412	
589	9.775 298	10	9.870 619	16	0.129 381	9.904 679	6	411	
.590	9.775 308	10	9.870 635	16	0.129 365	9.904 673	6	.410	
591	9.775 318	10	9.870 651	16	0.129 349	9.904 667	5	409	
592	9.775 328	11	9.870 667	15	0.129 333	9.904 662	6	408	
593	9.775 339	10	9.870 682	16	0.129 318	9.904 656	5	407	
594	9.775 349	10	9.870 698	16	0.129 302	9.904 651	6	406	
595	9.775 359	10	9.870 714	16	0.129 286	9.904 645	6	405	
596	9.775 369	10	9.870 730	16	0.129 270	9.904 639	5	404	
597	9.775 379	11	9.870 746	16	0.129 254	9.904 634	6	403	
598	9.775 390	10	9.870 762	15	0.129 238	9.904 628	6	402	
599	9.775 400	10	9.870 777	16	0.129 223	9.904 622	5	401	
.600	9.775 410		9.870 793		0.129 207	9.904 617		.400	
	cos	d	cotg	d	tang	sin	d	53°	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	11	10
1	1.1	1.0
2	2.2	2.0
3	3.3	3.0
4	4.4	4.0
5	5.5	5.0
6	6.6	6.0
7	7.7	7.0
8	8.8	8.0
9	9.9	9.0

	6	5
1	0.6	0.5
2	1.2	1.0
3	1.8	1.5
4	2.4	2.0
5	3.0	2.5
6	3.6	3.0
7	4.2	3.5
8	4.8	4.0
9	5.4	4.5

53°.450 — 53°.400

36°.600 — 36°.650

36°	sin	d	tang	d	cotg	cos	d		P.P.
.600	9.775 410	10	9.870 793	16	0.129 207	9.904 617	6	.400	
601	9.775 420	11	9.870 809	16	0.129 191	9.904 611	5	399	
602	9.775 431	10	9.870 825	16	0.129 175	9.904 606	6	398	
603	9.775 441	10	9.870 841	16	0.129 159	9.904 600	6	397	
604	9.775 451	10	9.870 857	15	0.129 143	9.904 594	5	396	
605	9.775 461	10	9.870 872	16	0.129 128	9.904 589	6	395	
606	9.775 471	11	9.870 888	16	0.129 112	9.904 583	6	394	
607	9.775 482	10	9.870 904	16	0.129 096	9.904 577	5	393	
608	9.775 492	10	9.870 920	16	0.129 080	9.904 572	6	392	
609	9.775 502	10	9.870 936	16	0.129 064	9.904 566	5	391	
.610	9.775 512	10	9.870 952	15	0.129 048	9.904 561	6	.390	
611	9.775 522	11	9.870 967	16	0.129 033	9.904 555	6	389	
612	9.775 533	10	9.870 983	16	0.129 017	9.904 549	5	388	
613	9.775 543	10	9.870 999	16	0.129 001	9.904 544	6	387	
614	9.775 553	10	9.871 015	16	0.128 985	9.904 538	6	386	
615	9.775 563	10	9.871 031	16	0.128 969	9.904 532	5	385	
616	9.775 573	11	9.871 047	15	0.128 953	9.904 527	6	384	
617	9.775 584	10	9.871 062	16	0.128 938	9.904 521	6	383	
618	9.775 594	10	9.871 078	16	0.128 922	9.904 515	5	382	
619	9.775 604	10	9.871 094	16	0.128 906	9.904 510	6	381	
.620	9.775 614	10	9.871 110	16	0.128 890	9.904 504	5	.380	
621	9.775 624	11	9.871 126	16	0.128 874	9.904 499	6	379	
622	9.775 635	10	9.871 142	15	0.128 858	9.904 493	6	378	
623	9.775 645	10	9.871 157	16	0.128 843	9.904 487	5	377	
624	9.775 655	10	9.871 173	16	0.128 827	9.904 482	6	376	
625	9.775 665	10	9.871 189	16	0.128 811	9.904 476	6	375	
626	9.775 675	11	9.871 205	16	0.128 795	9.904 470	5	374	
627	9.775 686	10	9.871 221	16	0.128 779	9.904 465	6	373	
628	9.775 696	10	9.871 237	15	0.128 763	9.904 459	6	372	
629	9.775 706	10	9.871 252	16	0.128 748	9.904 453	5	371	
.630	9.775 716	10	9.871 268	16	0.128 732	9.904 448	6	.370	
631	9.775 726	11	9.871 284	16	0.128 716	9.904 442	5	369	
632	9.775 737	10	9.871 300	16	0.128 700	9.904 437	6	368	
633	9.775 747	10	9.871 316	16	0.128 684	9.904 431	6	367	
634	9.775 757	10	9.871 332	15	0.128 668	9.904 425	5	366	
635	9.775 767	10	9.871 347	16	0.128 653	9.904 420	6	365	
636	9.775 777	10	9.871 363	16	0.128 637	9.904 414	6	364	
637	9.775 787	11	9.871 379	16	0.128 621	9.904 408	5	363	
638	9.775 798	10	9.871 395	16	0.128 605	9.904 403	6	362	
639	9.775 808	10	9.871 411	16	0.128 589	9.904 397	6	361	
.640	9.775 818	10	9.871 427	15	0.128 573	9.904 391	5	.360	
641	9.775 828	10	9.871 442	16	0.128 558	9.904 386	6	359	
642	9.775 838	11	9.871 458	16	0.128 542	9.904 380	5	358	
643	9.775 849	10	9.871 474	16	0.128 526	9.904 375	6	357	
644	9.775 859	10	9.871 490	16	0.128 510	9.904 369	6	356	
645	9.775 869	10	9.871 506	16	0.128 494	9.904 363	5	355	
646	9.775 879	10	9.871 522	15	0.128 478	9.904 358	6	354	
647	9.775 889	11	9.871 537	16	0.128 463	9.904 352	6	353	
648	9.775 900	10	9.871 553	16	0.128 447	9.904 346	5	352	
649	9.775 910	10	9.871 569	16	0.128 431	9.904 341	6	351	
.650	9.775 920		9.871 585		0.128 415	9.904 335		.350	
	cos	d	cotg	d	tang	sin	d	53°	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	11	10
1	1.1	1.0
2	2.2	2.0
3	3.3	3.0
4	4.4	4.0
5	5.5	5.0
6	6.6	6.0
7	7.7	7.0
8	8.8	8.0
9	9.9	9.0

	6	5
1	0.6	0.5
2	1.2	1.0
3	1.8	1.5
4	2.4	2.0
5	3.0	2.5
6	3.6	3.0
7	4.2	3.5
8	4.8	4.0
9	5.4	4.5

53°.400 — 53°.350

36°.650 — 36°.700

36°	sin	d	tang	d	cotg	cos	d		P.P.
.650	9.775 920	10	9.871 585	16	0.128 415	9.904 335	6	**.350**	
651	9.775 930	10	9.871 601	16	0.128 399	9.904 329	5	349	
652	9.775 940	11	9.871 617	15	0.128 383	9.904 324	6	348	
653	9.775 951	10	9.871 632	16	0.128 368	9.904 318	5	347	
654	9.775 961	10	9.871 648	16	0.128 352	9.904 313	6	346	
655	9.775 971	10	9.871 664	16	0.128 336	9.904 307	6	345	
656	9.775 981	10	9.871 680	16	0.128 320	9.904 301	5	344	
657	9.775 991	10	9.871 696	15	0.128 304	9.904 296	6	343	
658	9.776 001	11	9.871 711	16	0.128 289	9.904 290	6	342	
659	9.776 012	10	9.871 727	16	0.128 273	9.904 284	5	341	
.660	9.776 022	10	9.871 743	16	0.128 257	9.904 279	6	**.340**	
661	9.776 032	10	9.871 759	16	0.128 241	9.904 273	6	339	
662	9.776 042	10	9.871 775	16	0.128 225	9.904 267	5	338	
663	9.776 052	11	9.871 791	15	0.128 209	9.904 262	6	337	
664	9.776 063	10	9.871 806	16	0.128 194	9.904 256	6	336	
665	9.776 073	10	9.871 822	16	0.128 178	9.904 250	5	335	
666	9.776 083	10	9.871 838	16	0.128 162	9.904 245	6	334	
667	9.776 093	10	9.871 854	16	0.128 146	9.904 239	5	333	
668	9.776 103	10	9.871 870	16	0.128 130	9.904 234	6	332	
669	9.776 113	11	9.871 886	15	0.128 114	9.904 228	6	331	
.670	9.776 124	10	9.871 901	16	0.128 099	9.904 222	5	**.330**	
671	9.776 134	10	9.871 917	16	0.128 083	9.904 217	6	329	
672	9.776 144	10	9.871 933	16	0.128 067	9.904 211	6	328	
673	9.776 154	10	9.871 949	16	0.128 051	9.904 205	5	327	
674	9.776 164	11	9.871 965	15	0.128 035	9.904 200	6	326	
675	9.776 175	10	9.871 980	16	0.128 020	9.904 194	6	325	
676	9.776 185	10	9.871 996	16	0.128 004	9.904 188	5	324	
677	9.776 195	10	9.872 012	16	0.127 988	9.904 183	6	323	
678	9.776 205	10	9.872 028	16	0.127 972	9.904 177	6	322	
679	9.776 215	10	9.872 044	16	0.127 956	9.904 171	5	321	
.680	9.776 225	11	9.872 060	15	0.127 940	9.904 166	6	**.320**	
681	9.776 236	10	9.872 075	16	0.127 925	9.904 160	5	319	
682	9.776 246	10	9.872 091	16	0.127 909	9.904 155	6	318	
683	9.776 256	10	9.872 107	16	0.127 893	9.904 149	6	317	
684	9.776 266	10	9.872 123	16	0.127 877	9.904 143	5	316	
685	9.776 276	10	9.872 139	16	0.127 861	9.904 138	6	315	
686	9.776 286	11	9.872 155	15	0.127 845	9.904 132	6	314	
687	9.776 297	10	9.872 170	16	0.127 830	9.904 126	5	313	
688	9.776 307	10	9.872 186	16	0.127 814	9.904 121	6	312	
689	9.776 317	10	9.872 202	16	0.127 798	9.904 115	6	311	
.690	9.776 327	10	9.872 218	16	0.127 782	9.904 109	5	**.310**	
691	9.776 337	10	9.872 234	15	0.127 766	9.904 104	6	309	
692	9.776 347	11	9.872 249	16	0.127 751	9.904 098	6	308	
693	9.776 358	10	9.872 265	16	0.127 735	9.904 092	5	307	
694	9.776 368	10	9.872 281	16	0.127 719	9.904 087	6	306	
695	9.776 378	10	9.872 297	16	0.127 703	9.904 081	6	305	
696	9.776 388	10	9.872 313	16	0.127 687	9.904 075	5	304	
697	9.776 398	11	9.872 329	15	0.127 671	9.904 070	6	303	
698	9.776 409	10	9.872 344	16	0.127 656	9.904 064	5	302	
699	9.776 419	10	9.872 360	16	0.127 640	9.904 059	6	301	
.700	9.776 429		9.872 376		0.127 624	9.904 053		**.300**	
	cos	d	cotg	d	tang	sin	d	**53°**	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
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7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	11	10
1	1.1	1.0
2	2.2	2.0
3	3.3	3.0
4	4.4	4.0
5	5.5	5.0
6	6.6	6.0
7	7.7	7.0
8	8.8	8.0
9	9.9	9.0

	6	5
1	0.6	0.5
2	1.2	1.0
3	1.8	1.5
4	2.4	2.0
5	3.0	2.5
6	3.6	3.0
7	4.2	3.5
8	4.8	4.0
9	5.4	4.5

53°.350 — 53°.300

36°.700 — 36°.750

36°	sin	d	tang	d	cotg	cos	d		P.P.
.700	9.776 429	10	9.872 376	16	0.127 624	9.904 053	6	.300	
701	9.776 439	10	9.872 392	16	0.127 608	9.904 047	5	299	
702	9.776 449	10	9.872 408	15	0.127 592	9.904 042	6	298	
703	9.776 459	11	9.872 423	16	0.127 577	9.904 036	6	297	
704	9.776 470	10	9.872 439	16	0.127 561	9.904 030	5	296	
705	9.776 480	10	9.872 455	16	0.127 545	9.904 025	6	295	
706	9.776 490	10	9.872 471	16	0.127 529	9.904 019	6	294	
707	9.776 500	10	9.872 487	16	0.127 513	9.904 013	5	293	
708	9.776 510	10	9.872 503	15	0.127 497	9.904 008	6	292	
709	9.776 520	11	9.872 518	16	0.127 482	9.904 002	6	291	
.710	9.776 531	10	9.872 534	16	0.127 466	9.903 996	5	.290	
711	9.776 541	10	9.872 550	16	0.127 450	9.903 991	6	289	
712	9.776 551	10	9.872 566	16	0.127 434	9.903 985	6	288	
713	9.776 561	10	9.872 582	15	0.127 418	9.903 979	5	287	
714	9.776 571	10	9.872 597	16	0.127 403	9.903 974	6	286	
715	9.776 581	11	9.872 613	16	0.127 387	9.903 968	6	285	
716	9.776 592	10	9.872 629	16	0.127 371	9.903 962	5	284	
717	9.776 602	10	9.872 645	16	0.127 355	9.903 957	6	283	
718	9.776 612	10	9.872 661	16	0.127 339	9.903 951	6	282	
719	9.776 622	10	9.872 677	15	0.127 323	9.903 945	5	281	
.720	9.776 632	10	9.872 692	16	0.127 308	9.903 940	6	.280	
721	9.776 642	10	9.872 708	16	0.127 292	9.903 934	5	279	
722	9.776 652	11	9.872 724	16	0.127 276	9.903 929	6	278	
723	9.776 663	10	9.872 740	16	0.127 260	9.903 923	6	277	
724	9.776 673	10	9.872 756	15	0.127 244	9.903 917	5	276	
725	9.776 683	10	9.872 771	16	0.127 229	9.903 912	6	275	
726	9.776 693	10	9.872 787	16	0.127 213	9.903 906	6	274	
727	9.776 703	10	9.872 803	16	0.127 197	9.903 900	5	273	
728	9.776 713	11	9.872 819	16	0.127 181	9.903 895	6	272	
729	9.776 724	10	9.872 835	16	0.127 165	9.903 889	6	271	
.730	9.776 734	10	9.872 851	15	0.127 149	9.903 883	5	.270	
731	9.776 744	10	9.872 866	16	0.127 134	9.903 878	6	269	
732	9.776 754	10	9.872 882	16	0.127 118	9.903 872	6	268	
733	9.776 764	10	9.872 898	16	0.127 102	9.903 866	5	267	
734	9.776 774	11	9.872 914	16	0.127 086	9.903 861	6	266	
735	9.776 785	10	9.872 930	15	0.127 070	9.903 855	6	265	
736	9.776 795	10	9.872 945	16	0.127 055	9.903 849	5	264	
737	9.776 805	10	9.872 961	16	0.127 039	9.903 844	6	263	
738	9.776 815	10	9.872 977	16	0.127 023	9.903 838	6	262	
739	9.776 825	10	9.872 993	16	0.127 007	9.903 832	5	261	
.740	9.776 835	10	9.873 009	15	0.126 991	9.903 827	6	.260	
741	9.776 845	11	9.873 024	16	0.126 976	9.903 821	6	259	
742	9.776 856	10	9.873 040	16	0.126 960	9.903 815	5	258	
743	9.776 866	10	9.873 056	16	0.126 944	9.903 810	6	257	
744	9.776 876	10	9.873 072	16	0.126 928	9.903 804	6	256	
745	9.776 886	10	9.873 088	16	0.126 912	9.903 798	5	255	
746	9.776 896	10	9.873 104	15	0.126 896	9.903 793	6	254	
747	9.776 906	11	9.873 119	16	0.126 881	9.903 787	6	253	
748	9.776 917	10	9.873 135	16	0.126 865	9.903 781	5	252	
749	9.776 927	10	9.873 151	16	0.126 849	9.903 776	6	251	
.750	9.776 937		9.873 167		0.126 833	9.903 770		.250	
	cos	d	cotg	d	tang	sin	d	53°	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
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8	12.8	12.0
9	14.4	13.5

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8	8.8	8.0
9	9.9	9.0

	6	5
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3	1.8	1.5
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8	4.8	4.0
9	5.4	4.5

53°.300 — 53°.250

36°.750 — 36°.800

36°	sin	d	tang	d	cotg	cos	d		P.P.
.750	9.776 937	10	9.873 167	16	0.126 833	9.903 770	6	**.250**	
751	9.776 947	10	9.873 183	15	0.126 817	9.903 764	5	249	
752	9.776 957	10	9.873 198	16	0.126 802	9.903 759	6	248	
753	9.776 967	10	9.873 214	16	0.126 786	9.903 753	6	247	
754	9.776 977	11	9.873 230	16	0.126 770	9.903 747	5	246	
755	9.776 988	10	9.873 246	16	0.126 754	9.903 742	6	245	
756	9.776 998	10	9.873 262	15	0.126 738	9.903 736	6	244	
757	9.777 008	10	9.873 277	16	0.126 723	9.903 730	5	243	
758	9.777 018	10	9.873 293	16	0.126 707	9.903 725	6	242	
759	9.777 028	10	9.873 309	16	0.126 691	9.903 719	6	241	
.760	9.777 038	10	9.873 325	16	0.126 675	9.903 713	5	**.240**	
761	9.777 048	11	9.873 341	15	0.126 659	9.903 708	6	239	
762	9.777 059	10	9.873 356	16	0.126 644	9.903 702	5	238	
763	9.777 069	10	9.873 372	16	0.126 628	9.903 697	6	237	
764	9.777 079	10	9.873 388	16	0.126 612	9.903 691	6	236	
765	9.777 089	10	9.873 404	16	0.126 596	9.903 685	5	235	
766	9.777 099	10	9.873 420	16	0.126 580	9.903 680	6	234	
767	9.777 109	11	9.873 436	15	0.126 564	9.903 674	6	233	
768	9.777 120	10	9.873 451	16	0.126 549	9.903 668	5	232	
769	9.777 130	10	9.873 467	16	0.126 533	9.903 663	6	231	
.770	9.777 140	10	9.873 483	16	0.126 517	9.903 657	6	**.230**	
771	9.777 150	10	9.873 499	16	0.126 501	9.903 651	5	229	
772	9.777 160	10	9.873 515	15	0.126 485	9.903 646	6	228	
773	9.777 170	10	9.873 530	16	0.126 470	9.903 640	6	227	
774	9.777 180	11	9.873 546	16	0.126 454	9.903 634	5	226	
775	9.777 191	10	9.873 562	16	0.126 438	9.903 629	6	225	
776	9.777 201	10	9.873 578	16	0.126 422	9.903 623	6	224	
777	9.777 211	10	9.873 594	15	0.126 406	9.903 617	5	223	
778	9.777 221	10	9.873 609	16	0.126 391	9.903 612	6	222	
779	9.777 231	10	9.873 625	16	0.126 375	9.903 606	6	221	
.780	9.777 241	10	9.873 641	16	0.126 359	9.903 600	5	**.220**	
781	9.777 251	10	9.873 657	16	0.126 343	9.903 595	6	219	
782	9.777 261	11	9.873 673	15	0.126 327	9.903 589	6	218	
783	9.777 272	10	9.873 688	16	0.126 312	9.903 583	5	217	
784	9.777 282	10	9.873 704	16	0.126 296	9.903 578	6	216	
785	9.777 292	10	9.873 720	16	0.126 280	9.903 572	6	215	
786	9.777 302	10	9.873 736	16	0.126 264	9.903 566	5	214	
787	9.777 312	10	9.873 752	15	0.126 248	9.903 561	6	213	
788	9.777 322	10	9.873 767	16	0.126 233	9.903 555	6	212	
789	9.777 332	11	9.873 783	16	0.126 217	9.903 549	5	211	
.790	9.777 343	10	9.873 799	16	0.126 201	9.903 544	6	**.210**	
791	9.777 353	10	9.873 815	16	0.126 185	9.903 538	6	209	
792	9.777 363	10	9.873 831	15	0.126 169	9.903 532	5	208	
793	9.777 373	10	9.873 846	16	0.126 154	9.903 527	6	207	
794	9.777 383	10	9.873 862	16	0.126 138	9.903 521	6	206	
795	9.777 393	10	9.873 878	16	0.126 122	9.903 515	5	205	
796	9.777 403	11	9.873 894	16	0.126 106	9.903 510	6	204	
797	9.777 414	10	9.873 910	15	0.126 090	9.903 504	6	203	
798	9.777 424	10	9.873 925	16	0.126 075	9.903 498	5	202	
799	9.777 434	10	9.873 941	16	0.126 059	9.903 493	6	201	
.800	9.777 444		9.873 957		0.126 043	9.903 487		**.200**	
	cos	d	cotg	d	tang	sin	d	**53°**	P.P.

	16	15
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2	3.2	3.0
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9	14.4	13.5

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9	9.9	9.0

	6	5
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2	1.2	1.0
3	1.8	1.5
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6	3.6	3.0
7	4.2	3.5
8	4.8	4.0
9	5.4	4.5

53°.250 — 53°.200

36°.800 — 36°.850

36°	sin	d	tang	d	cotg	cos	d		P.P.
.800	9.777 444	10	9.873 957	16	0.126 043	9.903 487	6	.200	
801	9.777 454	10	9.873 973	16	0.126 027	9.903 481	5	199	
802	9.777 464	10	9.873 989	15	0.126 011	9.903 476	6	198	
803	9.777 474	10	9.874 004	16	0.125 996	9.903 470	6	197	
804	9.777 484	11	9.874 020	16	0.125 980	9.903 464	6	196	
805	9.777 495	10	9.874 036	16	0.125 964	9.903 458	5	195	
806	9.777 505	10	9.874 052	16	0.125 948	9.903 453	6	194	
807	9.777 515	10	9.874 068	16	0.125 932	9.903 447	6	193	
808	9.777 525	10	9.874 084	15	0.125 916	9.903 441	5	192	
809	9.777 535	10	9.874 099	16	0.125 901	9.903 436	6	191	
.810	9.777 545	10	9.874 115	16	0.125 885	9.903 430	6	.190	
811	9.777 555	10	9.874 131	16	0.125 869	9.903 424	5	189	
812	9.777 565	11	9.874 147	16	0.125 853	9.903 419	6	188	
813	9.777 576	10	9.874 163	15	0.125 837	9.903 413	6	187	
814	9.777 586	10	9.874 178	16	0.125 822	9.903 407	5	186	
815	9.777 596	10	9.874 194	16	0.125 806	9.903 402	6	185	
816	9.777 606	10	9.874 210	16	0.125 790	9.903 396	6	184	
817	9.777 616	10	9.874 226	16	0.125 774	9.903 390	5	183	
818	9.777 626	10	9.874 242	15	0.125 758	9.903 385	6	182	
819	9.777 636	11	9.874 257	16	0.125 743	9.903 379	6	181	
.820	9.777 647	10	9.874 273	16	0.125 727	9.903 373	5	.180	
821	9.777 657	10	9.874 289	16	0.125 711	9.903 368	6	179	
822	9.777 667	10	9.874 305	16	0.125 695	9.903 362	6	178	
823	9.777 677	10	9.874 321	15	0.125 679	9.903 356	5	177	
824	9.777 687	10	9.874 336	16	0.125 664	9.903 351	6	176	
825	9.777 697	10	9.874 352	16	0.125 648	9.903 345	6	175	
826	9.777 707	10	9.874 368	16	0.125 632	9.903 339	5	174	
827	9.777 717	10	9.874 384	15	0.125 616	9.903 334	6	173	
828	9.777 727	11	9.874 399	16	0.125 601	9.903 328	6	172	
829	9.777 738	10	9.874 415	16	0.125 585	9.903 322	5	171	
.830	9.777 748	10	9.874 431	16	0.125 569	9.903 317	6	.170	
831	9.777 758	10	9.874 447	16	0.125 553	9.903 311	6	169	
832	9.777 768	10	9.874 463	15	0.125 537	9.903 305	5	168	
833	9.777 778	10	9.874 478	16	0.125 522	9.903 300	6	167	
834	9.777 788	10	9.874 494	16	0.125 506	9.903 294	6	166	
835	9.777 798	10	9.874 510	16	0.125 490	9.903 288	5	165	
836	9.777 808	11	9.874 526	16	0.125 474	9.903 283	6	164	
837	9.777 819	10	9.874 542	15	0.125 458	9.903 277	6	163	
838	9.777 829	10	9.874 557	16	0.125 443	9.903 271	5	162	
839	9.777 839	10	9.874 573	16	0.125 427	9.903 266	6	161	
.840	9.777 849	10	9.874 589	16	0.125 411	9.903 260	6	.160	
841	9.777 859	10	9.874 605	16	0.125 395	9.903 254	5	159	
842	9.777 869	10	9.874 621	15	0.125 379	9.903 249	6	158	
843	9.777 879	10	9.874 636	16	0.125 364	9.903 243	6	157	
844	9.777 889	11	9.874 652	16	0.125 348	9.903 237	6	156	
845	9.777 900	10	9.874 668	16	0.125 332	9.903 231	5	155	
846	9.777 910	10	9.874 684	16	0.125 316	9.903 226	6	154	
847	9.777 920	10	9.874 700	15	0.125 300	9.903 220	6	153	
848	9.777 930	10	9.874 715	16	0.125 285	9.903 214	5	152	
849	9.777 940	10	9.874 731	16	0.125 269	9.903 209	6	151	
.850	9.777 950		9.874 747		0.125 253	9.903 203		.150	
	cos	d	cotg	d	tang	sin	d	53°	P.P.

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2	3.2	3.0
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9	9.9	9.0

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3	1.8	1.5
4	2.4	2.0
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7	4.2	3.5
8	4.8	4.0
9	5.4	4.5

53°.200 — 53°.150

36°.850 — 36°.900

36°	sin	d	tang	d	cotg	cos	d		P.P.
.850	9.777 950	10	9.874 747	16	0.125 253	9.903 203	6	**.150**	
851	9.777 960	10	9.874 763	16	0.125 237	9.903 197	5	149	
852	9.777 970	10	9.874 779	15	0.125 221	9.903 192	6	148	
853	9.777 980	11	9.874 794	16	0.125 206	9.903 186	6	147	
854	9.777 991	10	9.874 810	16	0.125 190	9.903 180	5	146	
855	9.778 001	10	9.874 826	16	0.125 174	9.903 175	6	145	
856	9.778 011	10	9.874 842	16	0.125 158	9.903 169	6	144	
857	9.778 021	10	9.874 858	15	0.125 142	9.903 163	5	143	
858	9.778 031	10	9.874 873	16	0.125 127	9.903 158	6	142	
859	9.778 041	10	9.874 889	16	0.125 111	9.903 152	6	141	
.860	9.778 051	10	9.874 905	16	0.125 095	9.903 146	5	**.140**	
861	9.778 061	10	9.874 921	16	0.125 079	9.903 141	6	139	
862	9.778 071	10	9.874 937	15	0.125 063	9.903 135	6	138	
863	9.778 082	10	9.874 952	16	0.125 048	9.903 129	5	137	
864	9.778 092	10	9.874 968	16	0.125 032	9.903 124	6	136	
865	9.778 102	10	9.874 984	16	0.125 016	9.903 118	6	135	
866	9.778 112	10	9.875 000	16	0.125 000	9.903 112	6	134	
867	9.778 122	10	9.875 016	15	0.124 984	9.903 106	5	133	
868	9.778 132	10	9.875 031	16	0.124 969	9.903 101	6	132	
869	9.778 142	10	9.875 047	16	0.124 953	9.903 095	6	131	
.870	9.778 152	10	9.875 063	16	0.124 937	9.903 089	5	**.130**	
871	9.778 162	10	9.875 079	15	0.124 921	9.903 084	6	129	
872	9.778 172	11	9.875 094	16	0.124 906	9.903 078	6	128	
873	9.778 183	10	9.875 110	16	0.124 890	9.903 072	5	127	
874	9.778 193	10	9.875 126	16	0.124 874	9.903 067	6	126	
875	9.778 203	10	9.875 142	16	0.124 858	9.903 061	6	125	
876	9.778 213	10	9.875 158	15	0.124 842	9.903 055	5	124	
877	9.778 223	10	9.875 173	16	0.124 827	9.903 050	6	123	
878	9.778 233	10	9.875 189	16	0.124 811	9.903 044	6	122	
879	9.778 243	10	9.875 205	16	0.124 795	9.903 038	5	121	
.880	9.778 253	10	9.875 221	16	0.124 779	9.903 033	6	**.120**	
881	9.778 263	11	9.875 237	15	0.124 763	9.903 027	6	119	
882	9.778 274	10	9.875 252	16	0.124 748	9.903 021	6	118	
883	9.778 284	10	9.875 268	16	0.124 732	9.903 015	5	117	
884	9.778 294	10	9.875 284	16	0.124 716	9.903 010	6	116	
885	9.778 304	10	9.875 300	16	0.124 700	9.903 004	6	115	
886	9.778 314	10	9.875 316	15	0.124 684	9.902 998	5	114	
887	9.778 324	10	9.875 331	16	0.124 669	9.902 993	6	113	
888	9.778 334	10	9.875 347	16	0.124 653	9.902 987	6	112	
889	9.778 344	10	9.875 363	16	0.124 637	9.902 981	5	111	
.890	9.778 354	10	9.875 379	15	0.124 621	9.902 976	6	**.110**	
891	9.778 364	11	9.875 394	16	0.124 606	9.902 970	6	109	
892	9.778 375	10	9.875 410	16	0.124 590	9.902 964	5	108	
893	9.778 385	10	9.875 426	16	0.124 574	9.902 959	6	107	
894	9.778 395	10	9.875 442	16	0.124 558	9.902 953	6	106	
895	9.778 405	10	9.875 458	15	0.124 542	9.902 947	5	105	
896	9.778 415	10	9.875 473	16	0.124 527	9.902 942	6	104	
897	9.778 425	10	9.875 489	16	0.124 511	9.902 936	6	103	
898	9.778 435	10	9.875 505	16	0.124 495	9.902 930	6	102	
899	9.778 445	10	9.875 521	16	0.124 479	9.902 924	5	101	
.900	9.778 455		9.875 537		0.124 463	9.902 919		**.100**	
	cos	d	cotg	d	tang	sin	d	**53°**	P.P.

	16	15
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	11	10
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9	9.9	9.0

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1	0.6	0.5
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3	1.8	1.5
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6	3.6	3.0
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8	4.8	4.0
9	5.4	4.5

53°.150 — 53°.100

36°.900 — 36°.950

36°	sin	d	tang	d	cotg	cos	d		P.P.
.900	9.778 455	10	9.875 537	15	0.124 463	9.902 919	6	**.100**	
901	9.778 465	11	9.875 552	16	0.124 448	9.902 913	6	099	
902	9.778 476	10	9.875 568	16	0.124 432	9.902 907	5	098	
903	9.778 486	10	9.875 584	16	0.124 416	9.902 902	6	097	
904	9.778 496	10	9.875 600	15	0.124 400	9.902 896	6	096	
905	9.778 506	10	9.875 615	16	0.124 385	9.902 890	5	095	
906	9.778 516	10	9.875 631	16	0.124 369	9.902 885	6	094	
907	9.778 526	10	9.875 647	16	0.124 353	9.902 879	6	093	
908	9.778 536	10	9.875 663	16	0.124 337	9.902 873	5	092	
909	9.778 546	10	9.875 679	15	0.124 321	9.902 868	6	091	
.910	9.778 556	10	9.875 694	16	0.124 306	9.902 862	6	**.090**	
911	9.778 566	10	9.875 710	16	0.124 290	9.902 856	6	089	
912	9.778 576	11	9.875 726	16	0.124 274	9.902 850	5	088	
913	9.778 587	10	9.875 742	16	0.124 258	9.902 845	6	087	
914	9.778 597	10	9.875 758	15	0.124 242	9.902 839	6	086	
915	9.778 607	10	9.875 773	16	0.124 227	9.902 833	5	085	
916	9.778 617	10	9.875 789	16	0.124 211	9.902 828	6	084	
917	9.778 627	10	9.875 805	16	0.124 195	9.902 822	6	083	
918	9.778 637	10	9.875 821	15	0.124 179	9.902 816	5	082	
919	9.778 647	10	9.875 836	16	0.124 164	9.902 811	6	081	
.920	9.778 657	10	9.875 852	16	0.124 148	9.902 805	6	**.080**	
921	9.778 667	10	9.875 868	16	0.124 132	9.902 799	5	079	
922	9.778 677	10	9.875 884	16	0.124 116	9.902 794	6	078	
923	9.778 687	10	9.875 900	15	0.124 100	9.902 788	6	077	
924	9.778 697	11	9.875 915	16	0.124 085	9.902 782	6	076	
925	9.778 708	10	9.875 931	16	0.124 069	9.902 776	5	075	
926	9.778 718	10	9.875 947	16	0.124 053	9.902 771	6	074	
927	9.778 728	10	9.875 963	16	0.124 037	9.902 765	6	073	
928	9.778 738	10	9.875 979	15	0.124 021	9.902 759	5	072	
929	9.778 748	10	9.875 994	16	0.124 006	9.902 754	6	071	
.930	9.778 758	10	9.876 010	16	0.123 990	9.902 748	6	**.070**	
931	9.778 768	10	9.876 026	16	0.123 974	9.902 742	5	069	
932	9.778 778	10	9.876 042	15	0.123 958	9.902 737	6	068	
933	9.778 788	10	9.876 057	16	0.123 943	9.902 731	6	067	
934	9.778 798	10	9.876 073	16	0.123 927	9.902 725	6	066	
935	9.778 808	11	9.876 089	16	0.123 911	9.902 719	5	065	
936	9.778 819	10	9.876 105	16	0.123 895	9.902 714	6	064	
937	9.778 829	10	9.876 121	15	0.123 879	9.902 708	6	063	
938	9.778 839	10	9.876 136	16	0.123 864	9.902 702	5	062	
939	9.778 849	10	9.876 152	16	0.123 848	9.902 697	6	061	
.940	9.778 859	10	9.876 168	16	0.123 832	9.902 691	6	**.060**	
941	9.778 869	10	9.876 184	15	0.123 816	9.902 685	5	059	
942	9.778 879	10	9.876 199	16	0.123 801	9.902 680	6	058	
943	9.778 889	10	9.876 215	16	0.123 785	9.902 674	6	057	
944	9.778 899	10	9.876 231	16	0.123 769	9.902 668	6	056	
945	9.778 909	10	9.876 247	16	0.123 753	9.902 662	5	055	
946	9.778 919	10	9.876 263	15	0.123 737	9.902 657	6	054	
947	9.778 929	10	9.876 278	16	0.123 722	9.902 651	6	053	
948	9.778 939	11	9.876 294	16	0.123 706	9.902 645	5	052	
949	9.778 950	10	9.876 310	16	0.123 690	9.902 640	6	051	
.950	9.778 960		9.876 326		0.123 674	9.902 634		**.050**	
	cos	d	cotg	d	tang	sin	d	**53°**	P.P.

	16	15
1	1.6	1.5
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9	5.4	4.5

53°.100 — 53°.050

36°.950 — 37°.000

36°	sin	d	tang	d	cotg	cos	d		P.P.
.950	9.778 960	10	9.876 326	15	0.123 674	9.902 634	6	**.050**	
951	9.778 970	10	9.876 341	16	0.123 659	9.902 628	5	049	
952	9.778 980	10	9.876 357	16	0.123 643	9.902 623	6	048	
953	9.778 990	10	9.876 373	16	0.123 627	9.902 617	6	047	
954	9.779 000	10	9.876 389	16	0.123 611	9.902 611	6	046	
955	9.779 010	10	9.876 405	15	0.123 595	9.902 605	5	045	
956	9.779 020	10	9.876 420	16	0.123 580	9.902 600	6	044	
957	9.779 030	10	9.876 436	16	0.123 564	9.902 594	6	043	
958	9.779 040	10	9.876 452	16	0.123 548	9.902 588	5	042	
959	9.779 050	10	9.876 468	15	0.123 532	9.902 583	6	041	
.960	9.779 060	10	9.876 483	16	0.123 517	9.902 577	6	**.040**	
961	9.779 070	11	9.876 499	16	0.123 501	9.902 571	5	039	
962	9.779 081	10	9.876 515	16	0.123 485	9.902 566	6	038	
963	9.779 091	10	9.876 531	16	0.123 469	9.902 560	6	037	
964	9.779 101	10	9.876 547	15	0.123 453	9.902 554	6	036	
965	9.779 111	10	9.876 562	16	0.123 438	9.902 548	5	035	
966	9.779 121	10	9.876 578	16	0.123 422	9.902 543	6	034	
967	9.779 131	10	9.876 594	16	0.123 406	9.902 537	6	033	
968	9.779 141	10	9.876 610	15	0.123 390	9.902 531	5	032	
969	9.779 151	10	9.876 625	16	0.123 375	9.902 526	6	031	
.970	9.779 161	10	9.876 641	16	0.123 359	9.902 520	6	**.030**	
971	9.779 171	10	9.876 657	16	0.123 343	9.902 514	6	029	
972	9.779 181	10	9.876 673	16	0.123 327	9.902 508	5	028	
973	9.779 191	10	9.876 689	15	0.123 311	9.902 503	6	027	
974	9.779 201	10	9.876 704	16	0.123 296	9.902 497	6	026	
975	9.779 211	11	9.876 720	16	0.123 280	9.902 491	5	025	
976	9.779 222	10	9.876 736	16	0.123 264	9.902 486	6	024	
977	9.779 232	10	9.876 752	15	0.123 248	9.902 480	6	023	
978	9.779 242	10	9.876 767	16	0.123 233	9.902 474	5	022	
979	9.779 252	10	9.876 783	16	0.123 217	9.902 469	6	021	
.980	9.779 262	10	9.876 799	16	0.123 201	9.902 463	6	**.020**	
981	9.779 272	10	9.876 815	16	0.123 185	9.902 457	6	019	
982	9.779 282	10	9.876 831	15	0.123 169	9.902 451	5	018	
983	9.779 292	10	9.876 846	16	0.123 154	9.902 446	6	017	
984	9.779 302	10	9.876 862	16	0.123 138	9.902 440	6	016	
985	9.779 312	10	9.876 878	16	0.123 122	9.902 434	5	015	
986	9.779 322	10	9.876 894	15	0.123 106	9.902 429	6	014	
987	9.779 332	10	9.876 909	16	0.123 091	9.902 423	6	013	
988	9.779 342	10	9.876 925	16	0.123 075	9.902 417	6	012	
989	9.779 352	10	9.876 941	16	0.123 059	9.902 411	5	011	
.990	9.779 362	10	9.876 957	15	0.123 043	9.902 406	6	**.010**	
991	9.779 372	11	9.876 972	16	0.123 028	9.902 400	6	009	
992	9.779 383	10	9.876 988	16	0.123 012	9.902 394	5	008	
993	9.779 393	10	9.877 004	16	0.122 996	9.902 389	6	007	
994	9.779 403	10	9.877 020	16	0.122 980	9.902 383	6	006	
995	9.779 413	10	9.877 036	15	0.122 964	9.902 377	6	005	
996	9.779 423	10	9.877 051	16	0.122 949	9.902 371	5	004	
997	9.779 433	10	9.877 067	16	0.122 933	9.902 366	6	003	
998	9.779 443	10	9.877 083	16	0.122 917	9.902 360	6	002	
999	9.779 453	10	9.877 099	15	0.122 901	9.902 354	5	001	
*000	9.779 463		9.877 114		0.122 886	9.902 349		**.000**	
	cos	d	cotg	d	tang	sin	d	**53°**	P.P.

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7	4.2	3.5
8	4.8	4.0
9	5.4	4.5

53°.050 — 53°.000

37°.000 — 37°.050

37°	sin	d	tang	d	cotg	cos	d		P.P.
.000	9.779 463	10	9.877 114	16	0.122 886	9.902 349	6	*000	
001	9.779 473	10	9.877 130	16	0.122 870	9.902 343	6	999	
002	9.779 483	10	9.877 146	16	0.122 854	9.902 337	6	998	
003	9.779 493	10	9.877 162	15	0.122 838	9.902 331	5	997	
004	9.779 503	10	9.877 177	16	0.122 823	9.902 326	6	996	
005	9.779 513	10	9.877 193	16	0.122 807	9.902 320	6	995	
006	9.779 523	10	9.877 209	16	0.122 791	9.902 314	5	994	
007	9.779 533	10	9.877 225	16	0.122 775	9.902 309	6	993	
008	9.779 543	11	9.877 241	15	0.122 759	9.902 303	6	992	
009	9.779 554	10	9.877 256	16	0.122 744	9.902 297	6	991	
.010	9.779 564	10	9.877 272	16	0.122 728	9.902 291	5	.990	
011	9.779 574	10	9.877 288	16	0.122 712	9.902 286	6	989	
012	9.779 584	10	9.877 304	15	0.122 696	9.902 280	6	988	
013	9.779 594	10	9.877 319	16	0.122 681	9.902 274	5	987	
014	9.779 604	10	9.877 335	16	0.122 665	9.902 269	6	986	
015	9.779 614	10	9.877 351	16	0.122 649	9.902 263	6	985	
016	9.779 624	10	9.877 367	15	0.122 633	9.902 257	6	984	
017	9.779 634	10	9.877 382	16	0.122 618	9.902 251	5	983	
018	9.779 644	10	9.877 398	16	0.122 602	9.902 246	6	982	
019	9.779 654	10	9.877 414	16	0.122 586	9.902 240	6	981	
.020	9.779 664	10	9.877 430	16	0.122 570	9.902 234	5	.980	
021	9.779 674	10	9.877 446	15	0.122 554	9.902 229	6	979	
022	9.779 684	10	9.877 461	16	0.122 539	9.902 223	6	978	
023	9.779 694	10	9.877 477	16	0.122 523	9.902 217	6	977	
024	9.779 704	10	9.877 493	16	0.122 507	9.902 211	5	976	
025	9.779 714	10	9.877 509	15	0.122 491	9.902 206	6	975	
026	9.779 724	10	9.877 524	16	0.122 476	9.902 200	6	974	
027	9.779 734	11	9.877 540	16	0.122 460	9.902 194	5	973	
028	9.779 745	10	9.877 556	16	0.122 444	9.902 189	6	972	
029	9.779 755	10	9.877 572	15	0.122 428	9.902 183	6	971	
.030	9.779 765	10	9.877 587	16	0.122 413	9.902 177	6	.970	
031	9.779 775	10	9.877 603	16	0.122 397	9.902 171	5	969	
032	9.779 785	10	9.877 619	16	0.122 381	9.902 166	6	968	
033	9.779 795	10	9.877 635	16	0.122 365	9.902 160	6	967	
034	9.779 805	10	9.877 651	15	0.122 349	9.902 154	5	966	
035	9.779 815	10	9.877 666	16	0.122 334	9.902 149	6	965	
036	9.779 825	10	9.877 682	16	0.122 318	9.902 143	6	964	
037	9.779 835	10	9.877 698	16	0.122 302	9.902 137	6	963	
038	9.779 845	10	9.877 714	15	0.122 286	9.902 131	5	962	
039	9.779 855	10	9.877 729	16	0.122 271	9.902 126	6	961	
.040	9.779 865	10	9.877 745	16	0.122 255	9.902 120	6	.960	
041	9.779 875	10	9.877 761	16	0.122 239	9.902 114	5	959	
042	9.779 885	10	9.877 777	15	0.122 223	9.902 109	6	958	
043	9.779 895	10	9.877 792	16	0.122 208	9.902 103	6	957	
044	9.779 905	10	9.877 808	16	0.122 192	9.902 097	6	956	
045	9.779 915	10	9.877 824	16	0.122 176	9.902 091	5	955	
046	9.779 925	10	9.877 840	15	0.122 160	9.902 086	6	954	
047	9.779 935	10	9.877 855	16	0.122 145	9.902 080	6	953	
048	9.779 945	10	9.877 871	16	0.122 129	9.902 074	6	952	
049	9.779 955	11	9.877 887	16	0.122 113	9.902 068	5	951	
.050	9.779 966		9.877 903		0.122 097	9.902 063		.950	
	cos	d	cotg	d	tang	sin	d	52°	P.P.

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3	1.8	1.5
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8	4.8	4.0
9	5.4	4.5

53°.000 — 52°.950

37°.050 — 37°.100

37°	sin	d	tang	d	cotg	cos	d		P.P.
.050	9.779 966	10	9.877 903	16	0.122 097	9.902 063	6	**.950**	
051	9.779 976	10	9.877 919	15	0.122 081	9.902 057	6	949	
052	9.779 986	10	9.877 934	16	0.122 066	9.902 051	5	948	
053	9.779 996	10	9.877 950	16	0.122 050	9.902 046	6	947	
054	9.780 006	10	9.877 966	16	0.122 034	9.902 040	6	946	
055	9.780 016	10	9.877 982	15	0.122 018	9.902 034	6	945	
056	9.780 026	10	9.877 997	16	0.122 003	9.902 028	5	944	
057	9.780 036	10	9.878 013	16	0.121 987	9.902 023	6	943	
058	9.780 046	10	9.878 029	16	0.121 971	9.902 017	6	942	
059	9.780 056	10	9.878 045	15	0.121 955	9.902 011	5	941	
.060	9.780 066	10	9.878 060	16	0.121 940	9.902 006	6	**.940**	
061	9.780 076	10	9.878 076	16	0.121 924	9.902 000	6	939	
062	9.780 086	10	9.878 092	16	0.121 908	9.901 994	6	938	
063	9.780 096	10	9.878 108	15	0.121 892	9.901 988	5	937	
064	9.780 106	10	9.878 123	16	0.121 877	9.901 983	6	936	
065	9.780 116	10	9.878 139	16	0.121 861	9.901 977	6	935	
066	9.780 126	10	9.878 155	16	0.121 845	9.901 971	6	934	
067	9.780 136	10	9.878 171	15	0.121 829	9.901 965	5	933	
068	9.780 146	10	9.878 186	16	0.121 814	9.901 960	6	932	
069	9.780 156	10	9.878 202	16	0.121 798	9.901 954	6	931	
.070	9.780 166	10	9.878 218	16	0.121 782	9.901 948	5	**.930**	
071	9.780 176	10	9.878 234	15	0.121 766	9.901 943	6	929	
072	9.780 186	10	9.878 249	16	0.121 751	9.901 937	6	928	
073	9.780 196	10	9.878 265	16	0.121 735	9.901 931	6	927	
074	9.780 206	10	9.878 281	16	0.121 719	9.901 925	5	926	
075	9.780 216	10	9.878 297	16	0.121 703	9.901 920	6	925	
076	9.780 226	10	9.878 313	15	0.121 687	9.901 914	6	924	
077	9.780 236	11	9.878 328	16	0.121 672	9.901 908	6	923	
078	9.780 247	10	9.878 344	16	0.121 656	9.901 902	5	922	
079	9.780 257	10	9.878 360	16	0.121 640	9.901 897	6	921	
.080	9.780 267	10	9.878 376	15	0.121 624	9.901 891	6	**.920**	
081	9.780 277	10	9.878 391	16	0.121 609	9.901 885	5	919	
082	9.780 287	10	9.878 407	16	0.121 593	9.901 880	6	918	
083	9.780 297	10	9.878 423	16	0.121 577	9.901 874	6	917	
084	9.780 307	10	9.878 439	15	0.121 561	9.901 868	6	916	
085	9.780 317	10	9.878 454	16	0.121 546	9.901 862	5	915	
086	9.780 327	10	9.878 470	16	0.121 530	9.901 857	6	914	
087	9.780 337	10	9.878 486	16	0.121 514	9.901 851	6	913	
088	9.780 347	10	9.878 502	15	0.121 498	9.901 845	6	912	
089	9.780 357	10	9.878 517	16	0.121 483	9.901 839	5	911	
.090	9.780 367	10	9.878 533	16	0.121 467	9.901 834	6	**.910**	
091	9.780 377	10	9.878 549	16	0.121 451	9.901 828	6	909	
092	9.780 387	10	9.878 565	15	0.121 435	9.901 822	5	908	
093	9.780 397	10	9.878 580	16	0.121 420	9.901 817	6	907	
094	9.780 407	10	9.878 596	16	0.121 404	9.901 811	6	906	
095	9.780 417	10	9.878 612	16	0.121 388	9.901 805	6	905	
096	9.780 427	10	9.878 628	15	0.121 372	9.901 799	5	904	
097	9.780 437	10	9.878 643	16	0.121 357	9.901 794	6	903	
098	9.780 447	10	9.878 659	16	0.121 341	9.901 788	6	902	
099	9.780 457	10	9.878 675	16	0.121 325	9.901 782	6	901	
.100	9.780 467		9.878 691		0.121 309	9.901 776		**.900**	
	cos	d	cotg	d	tang	sin	d	**52°**	P.P.

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9	5.4	4.5

52°.950 — 52°.900

37°.100 — 37°.150

37°	sin	d	tang	d	cotg	cos	d	
.100	9.780 467	10	9.878 691	15	0.121 309	9.901 776	5	**.900**
101	9.780 477	10	9.878 706	16	0.121 294	9.901 771	6	899
102	9.780 487	10	9.878 722	16	0.121 278	9.901 765	6	898
103	9.780 497	10	9.878 738	16	0.121 262	9.901 759	6	897
104	9.780 507	10	9.878 754	15	0.121 246	9.901 753	5	896
105	9.780 517	10	9.878 769	16	0.121 231	9.901 748	6	895
106	9.780 527	10	9.878 785	16	0.121 215	9.901 742	6	894
107	9.780 537	10	9.878 801	16	0.121 199	9.901 736	5	893
108	9.780 547	10	9.878 817	15	0.121 183	9.901 731	6	892
109	9.780 557	10	9.878 832	16	0.121 168	9.901 725	6	891
.110	9.780 567	10	9.878 848	16	0.121 152	9.901 719	6	**.890**
111	9.780 577	10	9.878 864	16	0.121 136	9.901 713	5	889
112	9.780 587	10	9.878 880	15	0.121 120	9.901 708	6	888
113	9.780 597	10	9.878 895	16	0.121 105	9.901 702	6	887
114	9.780 607	10	9.878 911	16	0.121 089	9.901 696	6	886
115	9.780 617	10	9.878 927	16	0.121 073	9.901 690	5	885
116	9.780 627	10	9.878 943	16	0.121 057	9.901 685	6	884
117	9.780 637	10	9.878 959	15	0.121 041	9.901 679	6	883
118	9.780 647	10	9.878 974	16	0.121 026	9.901 673	6	882
119	9.780 657	10	9.878 990	16	0.121 010	9.901 667	5	881
.120	9.780 667	10	9.879 006	16	0.120 994	9.901 662	6	**.880**
121	9.780 677	10	9.879 022	15	0.120 978	9.901 656	6	879
122	9.780 687	11	9.879 037	16	0.120 963	9.901 650	6	878
123	9.780 698	10	9.879 053	16	0.120 947	9.901 644	5	877
124	9.780 708	10	9.879 069	16	0.120 931	9.901 639	6	876
125	9.780 718	10	9.879 085	15	0.120 915	9.901 633	6	875
126	9.780 728	10	9.879 100	16	0.120 900	9.901 627	5	874
127	9.780 738	10	9.879 116	16	0.120 884	9.901 622	6	873
128	9.780 748	10	9.879 132	16	0.120 868	9.901 616	6	872
129	9.780 758	10	9.879 148	15	0.120 852	9.901 610	6	871
.130	9.780 768	10	9.879 163	16	0.120 837	9.901 604	5	**.870**
131	9.780 778	10	9.879 179	16	0.120 821	9.901 599	6	869
132	9.780 788	10	9.879 195	16	0.120 805	9.901 593	6	868
133	9.780 798	10	9.879 211	15	0.120 789	9.901 587	6	867
134	9.780 808	10	9.879 226	16	0.120 774	9.901 581	5	866
135	9.780 818	10	9.879 242	16	0.120 758	9.901 576	6	865
136	9.780 828	10	9.879 258	16	0.120 742	9.901 570	6	864
137	9.780 838	10	9.879 274	15	0.120 726	9.901 564	6	863
138	9.780 848	10	9.879 289	16	0.120 711	9.901 558	5	862
139	9.780 858	10	9.879 305	16	0.120 695	9.901 553	6	861
.140	9.780 868	10	9.879 321	16	0.120 679	9.901 547	6	**.860**
141	9.780 878	10	9.879 337	15	0.120 663	9.901 541	6	859
142	9.780 888	10	9.879 352	16	0.120 648	9.901 535	5	858
143	9.780 898	10	9.879 368	16	0.120 632	9.901 530	6	857
144	9.780 908	10	9.879 384	16	0.120 616	9.901 524	6	856
145	9.780 918	10	9.879 400	15	0.120 600	9.901 518	6	855
146	9.780 928	10	9.879 415	16	0.120 585	9.901 512	5	854
147	9.780 938	10	9.879 431	16	0.120 569	9.901 507	6	853
148	9.780 948	10	9.879 447	15	0.120 553	9.901 501	6	852
149	9.780 958	10	9.879 462	16	0.120 538	9.901 495	5	851
.150	9.780 968		9.879 478		0.120 522	9.901 490		**.850**
	cos	d	cotg	d	tang	sin	d	**52°**

P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
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7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	11	10
1	1.1	1.0
2	2.2	2.0
3	3.3	3.0
4	4.4	4.0
5	5.5	5.0
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7	7.7	7.0
8	8.8	8.0
9	9.9	9.0

	6	5
1	0.6	0.5
2	1.2	1.0
3	1.8	1.5
4	2.4	2.0
5	3.0	2.5
6	3.6	3.0
7	4.2	3.5
8	4.8	4.0
9	5.4	4.5

52°.900 — 52°.850

37°.150 — 37°.200

37°	sin	d	tang	d	cotg	cos	d		P.P.
.150	9.780 968	10	9.879 478	16	0.120 522	9.901 490	6	**.850**	
151	9.780 978	10	9.879 494	16	0.120 506	9.901 484	6	849	
152	9.780 988	10	9.879 510	15	0.120 490	9.901 478	6	848	
153	9.780 998	10	9.879 525	16	0.120 475	9.901 472	5	847	
154	9.781 008	10	9.879 541	16	0.120 459	9.901 467	6	846	
155	9.781 018	10	9.879 557	16	0.120 443	9.901 461	6	845	
156	9.781 028	10	9.879 573	15	0.120 427	9.901 455	6	844	
157	9.781 038	10	9.879 588	16	0.120 412	9.901 449	5	843	
158	9.781 048	10	9.879 604	16	0.120 396	9.901 444	6	842	
159	9.781 058	10	9.879 620	16	0.120 380	9.901 438	6	841	
.160	9.781 068	10	9.879 636	15	0.120 364	9.901 432	6	**.840**	
161	9.781 078	10	9.879 651	16	0.120 349	9.901 426	5	839	
162	9.781 088	10	9.879 667	16	0.120 333	9.901 421	6	838	
163	9.781 098	10	9.879 683	16	0.120 317	9.901 415	6	837	
164	9.781 108	10	9.879 699	15	0.120 301	9.901 409	6	836	
165	9.781 118	10	9.879 714	16	0.120 286	9.901 403	5	835	
166	9.781 128	10	9.879 730	16	0.120 270	9.901 398	6	834	
167	9.781 138	10	9.879 746	16	0.120 254	9.901 392	6	833	
168	9.781 148	10	9.879 762	15	0.120 238	9.901 386	6	832	
169	9.781 158	10	9.879 777	16	0.120 223	9.901 380	5	831	
.170	9.781 168	10	9.879 793	16	0.120 207	9.901 375	6	**.830**	
171	9.781 178	10	9.879 809	16	0.120 191	9.901 369	6	829	
172	9.781 188	10	9.879 825	15	0.120 175	9.901 363	6	828	
173	9.781 198	10	9.879 840	16	0.120 160	9.901 357	5	827	
174	9.781 208	10	9.879 856	16	0.120 144	9.901 352	6	826	
175	9.781 218	10	9.879 872	16	0.120 128	9.901 346	6	825	
176	9.781 228	10	9.879 888	15	0.120 112	9.901 340	6	824	
177	9.781 238	10	9.879 903	16	0.120 097	9.901 334	5	823	
178	9.781 248	10	9.879 919	16	0.120 081	9.901 329	6	822	
179	9.781 258	10	9.879 935	16	0.120 065	9.901 323	6	821	
.180	9.781 268	10	9.879 951	15	0.120 049	9.901 317	6	**.820**	
181	9.781 278	10	9.879 966	16	0.120 034	9.901 311	5	819	
182	9.781 288	10	9.879 982	16	0.120 018	9.901 306	6	818	
183	9.781 298	10	9.879 998	16	0.120 002	9.901 300	6	817	
184	9.781 308	10	9.880 014	15	0.119 986	9.901 294	6	816	
185	9.781 318	10	9.880 029	16	0.119 971	9.901 288	5	815	
186	9.781 328	10	9.880 045	16	0.119 955	9.901 283	6	814	
187	9.781 338	10	9.880 061	16	0.119 939	9.901 277	6	813	
188	9.781 348	10	9.880 077	15	0.119 923	9.901 271	6	812	
189	9.781 358	10	9.880 092	16	0.119 908	9.901 265	5	811	
.190	9.781 368	10	9.880 108	16	0.119 892	9.901 260	6	**.810**	
191	9.781 378	10	9.880 124	15	0.119 876	9.901 254	6	809	
192	9.781 388	10	9.880 139	16	0.119 861	9.901 248	6	808	
193	9.781 398	10	9.880 155	16	0.119 845	9.901 242	5	807	
194	9.781 408	10	9.880 171	16	0.119 829	9.901 237	6	806	
195	9.781 418	10	9.880 187	15	0.119 813	9.901 231	6	805	
196	9.781 428	10	9.880 202	16	0.119 798	9.901 225	6	804	
197	9.781 438	10	9.880 218	16	0.119 782	9.901 219	5	803	
198	9.781 448	10	9.880 234	16	0.119 766	9.901 214	6	802	
199	9.781 458	10	9.880 250	15	0.119 750	9.901 208	6	801	
.200	9.781 468		9.880 265		0.119 735	9.901 202		**.800**	
	cos	d	cotg	d	tang	sin	d	**52°**	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
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7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

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1	1.0
2	2.0
3	3.0
4	4.0
5	5.0
6	6.0
7	7.0
8	8.0
9	9.0

	6	5
1	0.6	0.5
2	1.2	1.0
3	1.8	1.5
4	2.4	2.0
5	3.0	2.5
6	3.6	3.0
7	4.2	3.5
8	4.8	4.0
9	5.4	4.5

52°.850 — 52°.800

37°.200 — 37°.250

37°	sin	d	tang	d	cotg	cos	d		P.P.
.200	9.781 468	9	9.880 265	16	0.119 735	9.901 202	6	.800	
201	9.781 477	10	9.880 281	16	0.119 719	9.901 196	5	799	
202	9.781 487	10	9.880 297	16	0.119 703	9.901 191	6	798	
203	9.781 497	10	9.880 313	15	0.119 687	9.901 185	6	797	
204	9.781 507	10	9.880 328	16	0.119 672	9.901 179	6	796	
205	9.781 517	10	9.880 344	16	0.119 656	9.901 173	5	795	
206	9.781 527	10	9.880 360	16	0.119 640	9.901 168	6	794	
207	9.781 537	10	9.880 376	15	0.119 624	9.901 162	6	793	
208	9.781 547	10	9.880 391	16	0.119 609	9.901 156	6	792	
209	9.781 557	10	9.880 407	16	0.119 593	9.901 150	5	791	
.210	9.781 567	10	9.880 423	16	0.119 577	9.901 145	6	.790	
211	9.781 577	10	9.880 439	15	0.119 561	9.901 139	6	789	
212	9.781 587	10	9.880 454	16	0.119 546	9.901 133	6	788	
213	9.781 597	10	9.880 470	16	0.119 530	9.901 127	5	787	
214	9.781 607	10	9.880 486	15	0.119 514	9.901 122	6	786	
215	9.781 617	10	9.880 501	16	0.119 499	9.901 116	6	785	
216	9.781 627	10	9.880 517	16	0.119 483	9.901 110	6	784	
217	9.781 637	10	9.880 533	16	0.119 467	9.901 104	6	783	
218	9.781 647	10	9.880 549	15	0.119 451	9.901 098	5	782	
219	9.781 657	10	9.880 564	16	0.119 436	9.901 093	6	781	
.220	9.781 667	10	9.880 580	16	0.119 420	9.901 087	6	.780	
221	9.781 677	10	9.880 596	16	0.119 404	9.901 081	6	779	
222	9.781 687	10	9.880 612	15	0.119 388	9.901 075	5	778	
223	9.781 697	10	9.880 627	16	0.119 373	9.901 070	6	777	
224	9.781 707	10	9.880 643	16	0.119 357	9.901 064	6	776	
225	9.781 717	10	9.880 659	16	0.119 341	9.901 058	6	775	
226	9.781 727	10	9.880 675	15	0.119 325	9.901 052	5	774	
227	9.781 737	10	9.880 690	16	0.119 310	9.901 047	6	773	
228	9.781 747	10	9.880 706	16	0.119 294	9.901 041	6	772	
229	9.781 757	10	9.880 722	16	0.119 278	9.901 035	6	771	
.230	9.781 767	10	9.880 738	15	0.119 262	9.901 029	5	.770	
231	9.781 777	10	9.880 753	16	0.119 247	9.901 024	6	769	
232	9.781 787	10	9.880 769	16	0.119 231	9.901 018	6	768	
233	9.781 797	10	9.880 785	15	0.119 215	9.901 012	6	767	
234	9.781 807	10	9.880 800	16	0.119 200	9.901 006	5	766	
235	9.781 817	10	9.880 816	16	0.119 184	9.901 001	6	765	
236	9.781 827	10	9.880 832	16	0.119 168	9.900 995	6	764	
237	9.781 837	10	9.880 848	15	0.119 152	9.900 989	6	763	
238	9.781 847	10	9.880 863	16	0.119 137	9.900 983	5	762	
239	9.781 857	10	9.880 879	16	0.119 121	9.900 978	6	761	
.240	9.781 867	10	9.880 895	16	0.119 105	9.900 972	6	.760	
241	9.781 877	10	9.880 911	15	0.119 089	9.900 966	6	759	
242	9.781 887	10	9.880 926	16	0.119 074	9.900 960	5	758	
243	9.781 897	10	9.880 942	16	0.119 058	9.900 955	6	757	
244	9.781 907	10	9.880 958	16	0.119 042	9.900 949	6	756	
245	9.781 917	9	9.880 974	15	0.119 026	9.900 943	6	755	
246	9.781 926	10	9.880 989	16	0.119 011	9.900 937	6	754	
247	9.781 936	10	9.881 005	16	0.118 995	9.900 931	5	753	
248	9.781 946	10	9.881 021	15	0.118 979	9.900 926	6	752	
249	9.781 956	10	9.881 036	16	0.118 964	9.900 920	6	751	
.250	9.781 966		9.881 052		0.118 948	9.900 914		.750	
	cos	d	cotg	d	tang	sin	d	52°	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	10	9
1	1.0	0.9
2	2.0	1.8
3	3.0	2.7
4	4.0	3.6
5	5.0	4.5
6	6.0	5.4
7	7.0	6.3
8	8.0	7.2
9	9.0	8.1

	6	5
1	0.6	0.5
2	1.2	1.0
3	1.8	1.5
4	2.4	2.0
5	3.0	2.5
6	3.6	3.0
7	4.2	3.5
8	4.8	4.0
9	5.4	4.5

52°.800 — 52°.750

37°.250 — 37°.300

37°	sin	d	tang	d	cotg	cos	d		P.P.
.250	9.781 966	10	9.881 052	16	0.118 948	9.900 914	6	**.750**	
251	9.781 976	10	9.881 068	16	0.118 932	9.900 908	5	749	
252	9.781 986	10	9.881 084	15	0.118 916	9.900 903	6	748	
253	9.781 996	10	9.881 099	16	0.118 901	9.900 897	6	747	
254	9.782 006	10	9.881 115	16	0.118 885	9.900 891	6	746	
255	9.782 016	10	9.881 131	16	0.118 869	9.900 885	5	745	
256	9.782 026	10	9.881 147	15	0.118 853	9.900 880	6	744	
257	9.782 036	10	9.881 162	16	0.118 838	9.900 874	6	743	
258	9.782 046	10	9.881 178	16	0.118 822	9.900 868	6	742	
259	9.782 056	10	9.881 194	16	0.118 806	9.900 862	5	741	
.260	9.782 066	10	9.881 210	15	0.118 790	9.900 857	6	**.740**	
261	9.782 076	10	9.881 225	16	0.118 775	9.900 851	6	739	
262	9.782 086	10	9.881 241	16	0.118 759	9.900 845	6	738	
263	9.782 096	10	9.881 257	15	0.118 743	9.900 839	6	737	
264	9.782 106	10	9.881 272	16	0.118 728	9.900 833	5	736	
265	9.782 116	10	9.881 288	16	0.118 712	9.900 828	6	735	
266	9.782 126	10	9.881 304	16	0.118 696	9.900 822	6	734	
267	9.782 136	10	9.881 320	15	0.118 680	9.900 816	6	733	
268	9.782 146	10	9.881 335	16	0.118 665	9.900 810	5	732	
269	9.782 156	10	9.881 351	16	0.118 649	9.900 805	6	731	
.270	9.782 166	10	9.881 367	16	0.118 633	9.900 799	6	**.730**	
271	9.782 176	10	9.881 383	15	0.118 617	9.900 793	6	729	
272	9.782 186	10	9.881 398	16	0.118 602	9.900 787	5	728	
273	9.782 196	9	9.881 414	16	0.118 586	9.900 782	6	727	
274	9.782 205	10	9.881 430	15	0.118 570	9.900 776	6	726	
275	9.782 215	10	9.881 445	16	0.118 555	9.900 770	6	725	
276	9.782 225	10	9.881 461	16	0.118 539	9.900 764	6	724	
277	9.782 235	10	9.881 477	16	0.118 523	9.900 758	5	723	
278	9.782 245	10	9.881 493	15	0.118 507	9.900 753	6	722	
279	9.782 255	10	9.881 508	16	0.118 492	9.900 747	6	721	
.280	9.782 265	10	9.881 524	16	0.118 476	9.900 741	6	**.720**	
281	9.782 275	10	9.881 540	16	0.118 460	9.900 735	5	719	
282	9.782 285	10	9.881 556	15	0.118 444	9.900 730	6	718	
283	9.782 295	10	9.881 571	16	0.118 429	9.900 724	6	717	
284	9.782 305	10	9.881 587	16	0.118 413	9.900 718	6	716	
285	9.782 315	10	9.881 603	15	0.118 397	9.900 712	5	715	
286	9.782 325	10	9.881 618	16	0.118 382	9.900 707	6	714	
287	9.782 335	10	9.881 634	16	0.118 366	9.900 701	6	713	
288	9.782 345	10	9.881 650	16	0.118 350	9.900 695	6	712	
289	9.782 355	10	9.881 666	15	0.118 334	9.900 689	6	711	
.290	9.782 365	10	9.881 681	16	0.118 319	9.900 683	5	**.710**	
291	9.782 375	10	9.881 697	16	0.118 303	9.900 678	6	709	
292	9.782 385	10	9.881 713	16	0.118 287	9.900 672	6	708	
293	9.782 395	10	9.881 729	15	0.118 271	9.900 666	6	707	
294	9.782 405	10	9.881 744	16	0.118 256	9.900 660	5	706	
295	9.782 415	10	9.881 760	16	0.118 240	9.900 655	6	705	
296	9.782 425	9	9.881 776	15	0.118 224	9.900 649	6	704	
297	9.782 434	10	9.881 791	16	0.118 209	9.900 643	6	703	
298	9.782 444	10	9.881 807	16	0.118 193	9.900 637	6	702	
299	9.782 454	10	9.881 823	16	0.118 177	9.900 631	5	701	
.300	9.782 464		9.881 839		0.118 161	9.900 626		**.700**	
	cos	d	cotg	d	tang	sin	d	**52°**	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	10	9
1	1.0	0.9
2	2.0	1.8
3	3.0	2.7
4	4.0	3.6
5	5.0	4.5
6	6.0	5.4
7	7.0	6.3
8	8.0	7.2
9	9.0	8.1

	6	5
1	0.6	0.5
2	1.2	1.0
3	1.8	1.5
4	2.4	2.0
5	3.0	2.5
6	3.6	3.0
7	4.2	3.5
8	4.8	4.0
9	5.4	4.5

52°.750 — 52°.700

37°.300 — 37°.350

37°	sin	d	tang	d	cotg	cos	d		P.P.
.300	9.782 464	10	9.881 839	15	0.118 161	9.900 626	6	.700	
301	9.782 474	10	9.881 854	16	0.118 146	9.900 620	6	699	
302	9.782 484	10	9.881 870	16	0.118 130	9.900 614	6	698	
303	9.782 494	10	9.881 886	16	0.118 114	9.900 608	5	697	
304	9.782 504	10	9.881 902	15	0.118 098	9.900 603	6	696	
305	9.782 514	10	9.881 917	16	0.118 083	9.900 597	6	695	
306	9.782 524	10	9.881 933	16	0.118 067	9.900 591	6	694	
307	9.782 534	10	9.881 949	15	0.118 051	9.900 585	5	693	
308	9.782 544	10	9.881 964	16	0.118 036	9.900 580	6	692	
309	9.782 554	10	9.881 980	16	0.118 020	9.900 574	6	691	
.310	9.782 564	10	9.881 996	16	0.118 004	9.900 568	6	.690	
311	9.782 574	10	9.882 012	15	0.117 988	9.900 562	6	689	
312	9.782 584	10	9.882 027	16	0.117 973	9.900 556	5	688	
313	9.782 594	10	9.882 043	16	0.117 957	9.900 551	6	687	
314	9.782 604	10	9.882 059	15	0.117 941	9.900 545	6	686	
315	9.782 614	9	9.882 074	16	0.117 926	9.900 539	6	685	
316	9.782 623	10	9.882 090	16	0.117 910	9.900 533	5	684	
317	9.782 633	10	9.882 106	16	0.117 894	9.900 528	6	683	
318	9.782 643	10	9.882 122	15	0.117 878	9.900 522	6	682	
319	9.782 653	10	9.882 137	16	0.117 863	9.900 516	6	681	
.320	9.782 663	10	9.882 153	16	0.117 847	9.900 510	6	.680	
321	9.782 673	10	9.882 169	16	0.117 831	9.900 504	5	679	
322	9.782 683	10	9.882 185	15	0.117 815	9.900 499	6	678	
323	9.782 693	10	9.882 200	16	0.117 800	9.900 493	6	677	
324	9.782 703	10	9.882 216	16	0.117 784	9.900 487	6	676	
325	9.782 713	10	9.882 232	15	0.117 768	9.900 481	5	675	
326	9.782 723	10	9.882 247	16	0.117 753	9.900 476	6	674	
327	9.782 733	10	9.882 263	16	0.117 737	9.900 470	6	673	
328	9.782 743	10	9.882 279	16	0.117 721	9.900 464	6	672	
329	9.782 753	10	9.882 295	15	0.117 705	9.900 458	6	671	
.330	9.782 763	10	9.882 310	16	0.117 690	9.900 452	5	.670	
331	9.782 773	10	9.882 326	16	0.117 674	9.900 447	6	669	
332	9.782 783	9	9.882 342	15	0.117 658	9.900 441	6	668	
333	9.782 792	10	9.882 357	16	0.117 643	9.900 435	6	667	
334	9.782 802	10	9.882 373	16	0.117 627	9.900 429	6	666	
335	9.782 812	10	9.882 389	16	0.117 611	9.900 423	5	665	
336	9.782 822	10	9.882 405	15	0.117 595	9.900 418	6	664	
337	9.782 832	10	9.882 420	16	0.117 580	9.900 412	6	663	
338	9.782 842	10	9.882 436	16	0.117 564	9.900 406	6	662	
339	9.782 852	10	9.882 452	15	0.117 548	9.900 400	5	661	
.340	9.782 862	10	9.882 467	16	0.117 533	9.900 395	6	.660	
341	9.782 872	10	9.882 483	16	0.117 517	9.900 389	6	659	
342	9.782 882	10	9.882 499	16	0.117 501	9.900 383	6	658	
343	9.782 892	10	9.882 515	15	0.117 485	9.900 377	6	657	
344	9.782 902	10	9.882 530	16	0.117 470	9.900 371	5	656	
345	9.782 912	10	9.882 546	16	0.117 454	9.900 366	6	655	
346	9.782 922	10	9.882 562	15	0.117 438	9.900 360	6	654	
347	9.782 932	9	9.882 577	16	0.117 423	9.900 354	6	653	
348	9.782 941	10	9.882 593	16	0.117 407	9.900 348	5	652	
349	9.782 951	10	9.882 609	16	0.117 391	9.900 343	6	651	
.350	9.782 961		9.882 625		0.117 375	9.900 337		.650	
	cos	d	cotg	d	tang	sin	d	52°	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	10	9
1	1.0	0.9
2	2.0	1.8
3	3.0	2.7
4	4.0	3.6
5	5.0	4.5
6	6.0	5.4
7	7.0	6.3
8	8.0	7.2
9	9.0	8.1

	6	5
1	0.6	0.5
2	1.2	1.0
3	1.8	1.5
4	2.4	2.0
5	3.0	2.5
6	3.6	3.0
7	4.2	3.5
8	4.8	4.0
9	5.4	4.5

52°.700 — 52°.650

37°.350 — 37°.400

37°	sin	d	tang	d	cotg	cos	d		P.P.
.350	9.782 961	10	9.882 625	15	0.117 375	9.900 337	6	**.650**	
351	9.782 971	10	9.882 640	16	0.117 360	9.900 331	6	649	
352	9.782 981	10	9.882 656	16	0.117 344	9.900 325	6	648	
353	9.782 991	10	9.882 672	15	0.117 328	9.900 319	5	647	
354	9.783 001	10	9.882 687	16	0.117 313	9.900 314	6	646	
355	9.783 011	10	9.882 703	16	0.117 297	9.900 308	6	645	
356	9.783 021	10	9.882 719	16	0.117 281	9.900 302	6	644	
357	9.783 031	10	9.882 735	15	0.117 265	9.900 296	6	643	
358	9.783 041	10	9.882 750	16	0.117 250	9.900 290	5	642	
359	9.783 051	10	9.882 766	16	0.117 234	9.900 285	6	641	
.360	9.783 061	10	9.882 782	16	0.117 218	9.900 279	6	**.640**	
361	9.783 071	10	9.882 798	15	0.117 202	9.900 273	6	639	
362	9.783 081	10	9.882 813	16	0.117 187	9.900 267	5	638	
363	9.783 090	9	9.882 829	16	0.117 171	9.900 262	6	637	
364	9.783 100	10	9.882 845	15	0.117 155	9.900 256	6	636	
365	9.783 110	10	9.882 860	16	0.117 140	9.900 250	6	635	
366	9.783 120	10	9.882 876	16	0.117 124	9.900 244	6	634	
367	9.783 130	10	9.882 892	16	0.117 108	9.900 238	5	633	
368	9.783 140	10	9.882 908	15	0.117 092	9.900 233	6	632	
369	9.783 150	10	9.882 923	16	0.117 077	9.900 227	6	631	
.370	9.783 160	10	9.882 939	16	0.117 061	9.900 221	6	**.630**	
371	9.783 170	10	9.882 955	15	0.117 045	9.900 215	6	629	
372	9.783 180	10	9.882 970	16	0.117 030	9.900 209	5	628	
373	9.783 190	10	9.882 986	16	0.117 014	9.900 204	6	627	
374	9.783 200	10	9.883 002	16	0.116 998	9.900 198	6	626	
375	9.783 210	10	9.883 018	15	0.116 982	9.900 192	6	625	
376	9.783 219	9	9.883 033	16	0.116 967	9.900 186	6	624	
377	9.783 229	10	9.883 049	16	0.116 951	9.900 180	5	623	
378	9.783 239	10	9.883 065	15	0.116 935	9.900 175	6	622	
379	9.783 249	10	9.883 080	16	0.116 920	9.900 169	6	621	
.380	9.783 259	10	9.883 096	16	0.116 904	9.900 163	6	**.620**	
381	9.783 269	10	9.883 112	15	0.116 888	9.900 157	5	619	
382	9.783 279	10	9.883 127	16	0.116 873	9.900 152	6	618	
383	9.783 289	10	9.883 143	16	0.116 857	9.900 146	6	617	
384	9.783 299	10	9.883 159	16	0.116 841	9.900 140	6	616	
385	9.783 309	10	9.883 175	15	0.116 825	9.900 134	6	615	
386	9.783 319	10	9.883 190	16	0.116 810	9.900 128	5	614	
387	9.783 329	10	9.883 206	16	0.116 794	9.900 123	6	613	
388	9.783 339	9	9.883 222	15	0.116 778	9.900 117	6	612	
389	9.783 348	10	9.883 237	16	0.116 763	9.900 111	6	611	
.390	9.783 358	10	9.883 253	16	0.116 747	9.900 105	6	**.610**	
391	9.783 368	10	9.883 269	16	0.116 731	9.900 099	5	609	
392	9.783 378	10	9.883 285	15	0.116 715	9.900 094	6	608	
393	9.783 388	10	9.883 300	16	0.116 700	9.900 088	6	607	
394	9.783 398	10	9.883 316	16	0.116 684	9.900 082	6	606	
395	9.783 408	10	9.883 332	15	0.116 668	9.900 076	6	605	
396	9.783 418	10	9.883 347	16	0.116 653	9.900 070	5	604	
397	9.783 428	10	9.883 363	16	0.116 637	9.900 065	6	603	
398	9.783 438	10	9.883 379	16	0.116 621	9.900 059	6	602	
399	9.783 448	10	9.883 395	15	0.116 605	9.900 053	6	601	
.400	9.783 458		9.883 410		0.116 590	9.900 047		**.600**	
	cos	d	cotg	d	tang	sin	d	52°	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	10	9
1	1.0	0.9
2	2.0	1.8
3	3.0	2.7
4	4.0	3.6
5	5.0	4.5
6	6.0	5.4
7	7.0	6.3
8	8.0	7.2
9	9.0	8.1

	6	5
1	0.6	0.5
2	1.2	1.0
3	1.8	1.5
4	2.4	2.0
5	3.0	2.5
6	3.6	3.0
7	4.2	3.5
8	4.8	4.0
9	5.4	4.5

52°.650 — 52°.600

37°.400 — 37°.450

37°	sin	d	tang	d	cotg	cos	d		P.P.
.400	9.783 458	9	9.883 410	16	0.116 590	9.900 047	6	.600	
401	9.783 467	10	9.883 426	16	0.116 574	9.900 041	5	599	
402	9.783 477	10	9.883 442	15	0.116 558	9.900 036	6	598	
403	9.783 487	10	9.883 457	16	0.116 543	9.900 030	6	597	
404	9.783 497	10	9.883 473	16	0.116 527	9.900 024	6	596	
405	9.783 507	10	9.883 489	16	0.116 511	9.900 018	6	595	
406	9.783 517	10	9.883 505	15	0.116 495	9.900 012	5	594	
407	9.783 527	10	9.883 520	16	0.116 480	9.900 007	6	593	
408	9.783 537	10	9.883 536	16	0.116 464	9.900 001	6	592	
409	9.783 547	10	9.883 552	15	0.116 448	9.899 995	6	591	
.410	9.783 557	10	9.883 567	16	0.116 433	9.899 989	6	.590	
411	9.783 567	9	9.883 583	16	0.116 417	9.899 983	5	589	
412	9.783 576	10	9.883 599	15	0.116 401	9.899 978	6	588	
413	9.783 586	10	9.883 614	16	0.116 386	9.899 972	6	587	
414	9.783 596	10	9.883 630	16	0.116 370	9.899 966	6	586	
415	9.783 606	10	9.883 646	16	0.116 354	9.899 960	6	585	
416	9.783 616	10	9.883 662	15	0.116 338	9.899 954	5	584	
417	9.783 626	10	9.883 677	16	0.116 323	9.899 949	6	583	
418	9.783 636	10	9.883 693	16	0.116 307	9.899 943	6	582	
419	9.783 646	10	9.883 709	15	0.116 291	9.899 937	6	581	
.420	9.783 656	10	9.883 724	16	0.116 276	9.899 931	6	.580	
421	9.783 666	10	9.883 740	16	0.116 260	9.899 925	5	579	
422	9.783 676	9	9.883 756	16	0.116 244	9.899 920	6	578	
423	9.783 685	10	9.883 772	15	0.116 228	9.899 914	6	577	
424	9.783 695	10	9.883 787	16	0.116 213	9.899 908	6	576	
425	9.783 705	10	9.883 803	16	0.116 197	9.899 902	6	575	
426	9.783 715	10	9.883 819	15	0.116 181	9.899 896	5	574	
427	9.783 725	10	9.883 834	16	0.116 166	9.899 891	6	573	
428	9.783 735	10	9.883 850	16	0.116 150	9.899 885	6	572	
429	9.783 745	10	9.883 866	15	0.116 134	9.899 879	6	571	
.430	9.783 755	10	9.883 881	16	0.116 119	9.899 873	6	.570	
431	9.783 765	10	9.883 897	16	0.116 103	9.899 867	5	569	
432	9.783 775	9	9.883 913	16	0.116 087	9.899 862	6	568	
433	9.783 784	10	9.883 929	15	0.116 071	9.899 856	6	567	
434	9.783 794	10	9.883 944	16	0.116 056	9.899 850	6	566	
435	9.783 804	10	9.883 960	16	0.116 040	9.899 844	6	565	
436	9.783 814	10	9.883 976	15	0.116 024	9.899 838	5	564	
437	9.783 824	10	9.883 991	16	0.116 009	9.899 833	6	563	
438	9.783 834	10	9.884 007	16	0.115 993	9.899 827	6	562	
439	9.783 844	10	9.884 023	16	0.115 977	9.899 821	6	561	
.440	9.783 854	10	9.884 039	15	0.115 961	9.899 815	6	.560	
441	9.783 864	10	9.884 054	16	0.115 946	9.899 809	5	559	
442	9.783 874	9	9.884 070	16	0.115 930	9.899 804	6	558	
443	9.783 883	10	9.884 086	15	0.115 914	9.899 798	6	557	
444	9.783 893	10	9.884 101	16	0.115 899	9.899 792	6	556	
445	9.783 903	10	9.884 117	16	0.115 883	9.899 786	6	555	
446	9.783 913	10	9.884 133	15	0.115 867	9.899 780	5	554	
447	9.783 923	10	9.884 148	16	0.115 852	9.899 775	6	553	
448	9.783 933	10	9.884 164	16	0.115 836	9.899 769	6	552	
449	9.783 943	10	9.884 180	16	0.115 820	9.899 763	6	551	
.450	9.783 953		9.884 196		0.115 804	9.899 757		.550	
	cos	d	cotg	d	tang	sin	d	52°	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	10	9
1	1.0	0.9
2	2.0	1.8
3	3.0	2.7
4	4.0	3.6
5	5.0	4.5
6	6.0	5.4
7	7.0	6.3
8	8.0	7.2
9	9.0	8.1

	6	5
1	0.6	0.5
2	1.2	1.0
3	1.8	1.5
4	2.4	2.0
5	3.0	2.5
6	3.6	3.0
7	4.2	3.5
8	4.8	4.0
9	5.4	4.5

52°.600 — 52°.550

37°.450 — 37°.500

37°	sin	d	tang	d	cotg	cos	d		P.P.
.450	9.783 953	10	9.884 196	15	0.115 804	9.899 757	6	**.550**	
451	9.783 963	10	9.884 211	16	0.115 789	9.899 751	5	549	
452	9.783 973	9	9.884 227	16	0.115 773	9.899 746	6	548	
453	9.783 982	10	9.884 243	15	0.115 757	9.899 740	6	547	
454	9.783 992	10	9.884 258	16	0.115 742	9.899 734	6	546	
455	9.784 002	10	9.884 274	16	0.115 726	9.899 728	6	545	
456	9.784 012	10	9.884 290	15	0.115 710	9.899 722	5	544	
457	9.784 022	10	9.884 305	16	0.115 695	9.899 717	6	543	
458	9.784 032	10	9.884 321	16	0.115 679	9.899 711	6	542	
459	9.784 042	10	9.884 337	16	0.115 663	9.899 705	6	541	
.460	9.784 052	10	9.884 353	15	0.115 647	9.899 699	6	**.540**	
461	9.784 062	9	9.884 368	16	0.115 632	9.899 693	5	539	
462	9.784 071	10	9.884 384	16	0.115 616	9.899 688	6	538	
463	9.784 081	10	9.884 400	15	0.115 600	9.899 682	6	537	
464	9.784 091	10	9.884 415	16	0.115 585	9.899 676	6	536	
465	9.784 101	10	9.884 431	16	0.115 569	9.899 670	6	535	
466	9.784 111	10	9.884 447	15	0.115 553	9.899 664	6	534	
467	9.784 121	10	9.884 462	16	0.115 538	9.899 658	5	533	
468	9.784 131	10	9.884 478	16	0.115 522	9.899 653	6	532	
469	9.784 141	10	9.884 494	16	0.115 506	9.899 647	6	531	
.470	9.784 151	10	9.884 510	15	0.115 490	9.899 641	6	**.530**	
471	9.784 161	9	9.884 525	16	0.115 475	9.899 635	6	529	
472	9.784 170	10	9.884 541	16	0.115 459	9.899 629	5	528	
473	9.784 180	10	9.884 557	15	0.115 443	9.899 624	6	527	
474	9.784 190	10	9.884 572	16	0.115 428	9.899 618	6	526	
475	9.784 200	10	9.884 588	16	0.115 412	9.899 612	6	525	
476	9.784 210	10	9.884 604	15	0.115 396	9.899 606	6	524	
477	9.784 220	10	9.884 619	16	0.115 381	9.899 600	5	523	
478	9.784 230	10	9.884 635	16	0.115 365	9.899 595	6	522	
479	9.784 240	10	9.884 651	16	0.115 349	9.899 589	6	521	
.480	9.784 249	9	9.884 667	15	0.115 333	9.899 583	6	**.520**	
481	9.784 259	10	9.884 682	16	0.115 318	9.899 577	6	519	
482	9.784 269	10	9.884 698	16	0.115 302	9.899 571	5	518	
483	9.784 279	10	9.884 714	15	0.115 286	9.899 566	6	517	
484	9.784 289	10	9.884 729	16	0.115 271	9.899 560	6	516	
485	9.784 299	10	9.884 745	16	0.115 255	9.899 554	6	515	
486	9.784 309	10	9.884 761	15	0.115 239	9.899 548	6	514	
487	9.784 319	10	9.884 776	16	0.115 224	9.899 542	6	513	
488	9.784 329	9	9.884 792	16	0.115 208	9.899 536	5	512	
489	9.784 338	10	9.884 808	16	0.115 192	9.899 531	6	511	
.490	9.784 348	10	9.884 824	15	0.115 176	9.899 525	6	**.510**	
491	9.784 358	10	9.884 839	16	0.115 161	9.899 519	6	509	
492	9.784 368	10	9.884 855	16	0.115 145	9.899 513	6	508	
493	9.784 378	10	9.884 871	15	0.115 129	9.899 507	5	507	
494	9.784 388	10	9.884 886	16	0.115 114	9.899 502	6	506	
495	9.784 398	10	9.884 902	16	0.115 098	9.899 496	6	505	
496	9.784 408	9	9.884 918	15	0.115 082	9.899 490	6	504	
497	9.784 417	10	9.884 933	16	0.115 067	9.899 484	6	503	
498	9.784 427	10	9.884 949	16	0.115 051	9.899 478	6	502	
499	9.784 437	10	9.884 965	15	0.115 035	9.899 472	5	501	
.500	9.784 447		9.884 980		0.115 020	9.899 467		**.500**	
	cos	d	cotg	d	tang	sin	d	52°	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	10	9
1	1.0	0.9
2	2.0	1.8
3	3.0	2.7
4	4.0	3.6
5	5.0	4.5
6	6.0	5.4
7	7.0	6.3
8	8.0	7.2
9	9.0	8.1

	6	5
1	0.6	0.5
2	1.2	1.0
3	1.8	1.5
4	2.4	2.0
5	3.0	2.5
6	3.6	3.0
7	4.2	3.5
8	4.8	4.0
9	5.4	4.5

52°.550 — 52°.500

37°.500 — 37°.550

37°	sin	d	tang	d	cotg	cos	d		P.P.
.500	9.784 447	10	9.884 980	16	0.115 020	9.899 467	6	.500	
501	9.784 457	10	9.884 996	16	0.115 004	9.899 461	6	499	
502	9.784 467	10	9.885 012	16	0.114 988	9.899 455	6	498	
503	9.784 477	10	9.885 028	15	0.114 972	9.899 449	6	497	
504	9.784 487	10	9.885 043	16	0.114 957	9.899 443	5	496	
505	9.784 497	9	9.885 059	16	0.114 941	9.899 438	6	495	
506	9.784 506	10	9.885 075	15	0.114 925	9.899 432	6	494	
507	9.784 516	10	9.885 090	16	0.114 910	9.899 426	6	493	
508	9.784 526	10	9.885 106	16	0.114 894	9.899 420	6	492	
509	9.784 536	10	9.885 122	15	0.114 878	9.899 414	6	491	
.510	9.784 546	10	9.885 137	16	0.114 863	9.899 408	5	.490	
511	9.784 556	10	9.885 153	16	0.114 847	9.899 403	6	489	
512	9.784 566	10	9.885 169	15	0.114 831	9.899 397	6	488	
513	9.784 576	9	9.885 184	16	0.114 816	9.899 391	6	487	
514	9.784 585	10	9.885 200	16	0.114 800	9.899 385	6	486	
515	9.784 595	10	9.885 216	16	0.114 784	9.899 379	5	485	
516	9.784 605	10	9.885 232	15	0.114 768	9.899 374	6	484	
517	9.784 615	10	9.885 247	16	0.114 753	9.899 368	6	483	
518	9.784 625	10	9.885 263	16	0.114 737	9.899 362	6	482	
519	9.784 635	10	9.885 279	15	0.114 721	9.899 356	6	481	
.520	9.784 645	9	9.885 294	16	0.114 706	9.899 350	6	.480	
521	9.784 654	10	9.885 310	16	0.114 690	9.899 344	5	479	
522	9.784 664	10	9.885 326	15	0.114 674	9.899 339	6	478	
523	9.784 674	10	9.885 341	16	0.114 659	9.899 333	6	477	
524	9.784 684	10	9.885 357	16	0.114 643	9.899 327	6	476	
525	9.784 694	10	9.885 373	15	0.114 627	9.899 321	6	475	
526	9.784 704	10	9.885 388	16	0.114 612	9.899 315	5	474	
527	9.784 714	10	9.885 404	16	0.114 596	9.899 310	6	473	
528	9.784 724	9	9.885 420	16	0.114 580	9.899 304	6	472	
529	9.784 733	10	9.885 436	15	0.114 564	9.899 298	6	471	
.530	9.784 743	10	9.885 451	16	0.114 549	9.899 292	6	.470	
531	9.784 753	10	9.885 467	16	0.114 533	9.899 286	6	469	
532	9.784 763	10	9.885 483	15	0.114 517	9.899 280	5	468	
533	9.784 773	10	9.885 498	16	0.114 502	9.899 275	6	467	
534	9.784 783	10	9.885 514	16	0.114 486	9.899 269	6	466	
535	9.784 793	10	9.885 530	15	0.114 470	9.899 263	6	465	
536	9.784 803	9	9.885 545	16	0.114 455	9.899 257	6	464	
537	9.784 812	10	9.885 561	16	0.114 439	9.899 251	6	463	
538	9.784 822	10	9.885 577	15	0.114 423	9.899 245	5	462	
539	9.784 832	10	9.885 592	16	0.114 408	9.899 240	6	461	
.540	9.784 842	10	9.885 608	16	0.114 392	9.899 234	6	.460	
541	9.784 852	10	9.885 624	16	0.114 376	9.899 228	6	459	
542	9.784 862	10	9.885 640	15	0.114 360	9.899 222	6	458	
543	9.784 872	9	9.885 655	16	0.114 345	9.899 216	5	457	
544	9.784 881	10	9.885 671	16	0.114 329	9.899 211	6	456	
545	9.784 891	10	9.885 687	15	0.114 313	9.899 205	6	455	
546	9.784 901	10	9.885 702	16	0.114 298	9.899 199	6	454	
547	9.784 911	10	9.885 718	16	0.114 282	9.899 193	6	453	
548	9.784 921	10	9.885 734	15	0.114 266	9.899 187	6	452	
549	9.784 931	10	9.885 749	16	0.114 251	9.899 181	5	451	
.550	9.784 941		9.885 765		0.114 235	9.899 176		.450	
	cos	d	cotg	d	tang	sin	d	52°	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	10	9
1	1.0	0.9
2	2.0	1.8
3	3.0	2.7
4	4.0	3.6
5	5.0	4.5
6	6.0	5.4
7	7.0	6.3
8	8.0	7.2
9	9.0	8.1

	6	5
1	0.6	0.5
2	1.2	1.0
3	1.8	1.5
4	2.4	2.0
5	3.0	2.5
6	3.6	3.0
7	4.2	3.5
8	4.8	4.0
9	5.4	4.5

52°.500 — 52°.450

37°.550 — 37°.600

37°	sin	d	tang	d	cotg	cos	d		P.P.
.550	9.784 941	9	9.885 765	16	0.114 235	9.899 176	6	.450	
551	9.784 950	10	9.885 781	15	0.114 219	9.899 170	6	449	
552	9.784 960	10	9.885 796	16	0.114 204	9.899 164	6	448	
553	9.784 970	10	9.885 812	16	0.114 188	9.899 158	6	447	
554	9.784 980	10	9.885 828	15	0.114 172	9.899 152	6	446	
555	9.784 990	10	9.885 843	16	0.114 157	9.899 146	5	445	
556	9.785 000	10	9.885 859	16	0.114 141	9.899 141	6	444	
557	9.785 010	9	9.885 875	16	0.114 125	9.899 135	6	443	
558	9.785 019	10	9.885 891	15	0.114 109	9.899 129	6	442	
559	9.785 029	10	9.885 906	16	0.114 094	9.899 123	6	441	
.560	9.785 039	10	9.885 922	16	0.114 078	9.899 117	6	.440	
561	9.785 049	10	9.885 938	15	0.114 062	9.899 111	5	439	
562	9.785 059	10	9.885 953	16	0.114 047	9.899 106	6	438	
563	9.785 069	10	9.885 969	16	0.114 031	9.899 100	6	437	
564	9.785 079	9	9.885 985	15	0.114 015	9.899 094	6	436	
565	9.785 088	10	9.886 000	16	0.114 000	9.899 088	6	435	
566	9.785 098	10	9.886 016	16	0.113 984	9.899 082	6	434	
567	9.785 108	10	9.886 032	15	0.113 968	9.899 076	5	433	
568	9.785 118	10	9.886 047	16	0.113 953	9.899 071	6	432	
569	9.785 128	10	9.886 063	16	0.113 937	9.899 065	6	431	
.570	9.785 138	10	9.886 079	15	0.113 921	9.899 059	6	.430	
571	9.785 148	9	9.886 094	16	0.113 906	9.899 053	6	429	
572	9.785 157	10	9.886 110	16	0.113 890	9.899 047	5	428	
573	9.785 167	10	9.886 126	15	0.113 874	9.899 042	6	427	
574	9.785 177	10	9.886 141	16	0.113 859	9.899 036	6	426	
575	9.785 187	10	9.886 157	16	0.113 843	9.899 030	6	425	
576	9.785 197	10	9.886 173	16	0.113 827	9.899 024	6	424	
577	9.785 207	10	9.886 189	15	0.113 811	9.899 018	6	423	
578	9.785 217	9	9.886 204	16	0.113 796	9.899 012	5	422	
579	9.785 226	10	9.886 220	16	0.113 780	9.899 007	6	421	
.580	9.785 236	10	9.886 236	15	0.113 764	9.899 001	6	.420	
581	9.785 246	10	9.886 251	16	0.113 749	9.898 995	6	419	
582	9.785 256	10	9.886 267	16	0.113 733	9.898 989	6	418	
583	9.785 266	10	9.886 283	15	0.113 717	9.898 983	6	417	
584	9.785 276	9	9.886 298	16	0.113 702	9.898 977	5	416	
585	9.785 285	10	9.886 314	16	0.113 686	9.898 972	6	415	
586	9.785 295	10	9.886 330	15	0.113 670	9.898 966	6	414	
587	9.785 305	10	9.886 345	16	0.113 655	9.898 960	6	413	
588	9.785 315	10	9.886 361	16	0.113 639	9.898 954	6	412	
589	9.785 325	10	9.886 377	15	0.113 623	9.898 948	6	411	
.590	9.785 335	10	9.886 392	16	0.113 608	9.898 942	5	.410	
591	9.785 345	9	9.886 408	16	0.113 592	9.898 937	6	409	
592	9.785 354	10	9.886 424	15	0.113 576	9.898 931	6	408	
593	9.785 364	10	9.886 439	16	0.113 561	9.898 925	6	407	
594	9.785 374	10	9.886 455	16	0.113 545	9.898 919	6	406	
595	9.785 384	10	9.886 471	15	0.113 529	9.898 913	6	405	
596	9.785 394	10	9.886 486	16	0.113 514	9.898 907	6	404	
597	9.785 404	9	9.886 502	16	0.113 498	9.898 901	5	403	
598	9.785 413	10	9.886 518	16	0.113 482	9.898 896	6	402	
599	9.785 423	10	9.886 534	15	0.113 466	9.898 890	6	401	
.600	9.785 433		9.886 549		0.113 451	9.898 884		.400	
	cos	d	cotg	d	tang	sin	d	52°	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	10	9
1	1.0	0.9
2	2.0	1.8
3	3.0	2.7
4	4.0	3.6
5	5.0	4.5
6	6.0	5.4
7	7.0	6.3
8	8.0	7.2
9	9.0	8.1

	6	5
1	0.6	0.5
2	1.2	1.0
3	1.8	1.5
4	2.4	2.0
5	3.0	2.5
6	3.6	3.0
7	4.2	3.5
8	4.8	4.0
9	5.4	4.5

52°.450 — 52°.400

37°.600 — 37°.650

37°	sin	d	tang	d	cotg	cos	d		P.P.
.600	9.785 433	10	9.886 549	16	0.113 451	9.898 884	6	.400	
601	9.785 443	10	9.886 565	16	0.113 435	9.898 878	6	399	
602	9.785 453	10	9.886 581	15	0.113 419	9.898 872	6	398	
603	9.785 463	10	9.886 596	16	0.113 404	9.898 866	5	397	
604	9.785 473	9	9.886 612	16	0.113 388	9.898 861	6	396	
605	9.785 482	10	9.886 628	15	0.113 372	9.898 855	6	395	
606	9.785 492	10	9.886 643	16	0.113 357	9.898 849	6	394	
607	9.785 502	10	9.886 659	16	0.113 341	9.898 843	6	393	
608	9.785 512	10	9.886 675	15	0.113 325	9.898 837	6	392	
609	9.785 522	10	9.886 690	16	0.113 310	9.898 831	6	391	
.610	9.785 532	9	9.886 706	16	0.113 294	9.898 826	5	.390	
611	9.785 541	10	9.886 722	15	0.113 278	9.898 820	6	389	
612	9.785 551	10	9.886 737	16	0.113 263	9.898 814	6	388	
613	9.785 561	10	9.886 753	16	0.113 247	9.898 808	6	387	
614	9.785 571	10	9.886 769	15	0.113 231	9.898 802	6	386	
615	9.785 581	10	9.886 784	16	0.113 216	9.898 796	5	385	
616	9.785 591	9	9.886 800	16	0.113 200	9.898 791	6	384	
617	9.785 600	10	9.886 816	15	0.113 184	9.898 785	6	383	
618	9.785 610	10	9.886 831	16	0.113 169	9.898 779	6	382	
619	9.785 620	10	9.886 847	16	0.113 153	9.898 773	6	381	
.620	9.785 630	10	9.886 863	15	0.113 137	9.898 767	6	.380	
621	9.785 640	10	9.886 878	16	0.113 122	9.898 761	5	379	
622	9.785 650	9	9.886 894	16	0.113 106	9.898 756	6	378	
623	9.785 659	10	9.886 910	15	0.113 090	9.898 750	6	377	
624	9.785 669	10	9.886 925	16	0.113 075	9.898 744	6	376	
625	9.785 679	10	9.886 941	16	0.113 059	9.898 738	6	375	
626	9.785 689	10	9.886 957	16	0.113 043	9.898 732	6	374	
627	9.785 699	10	9.886 973	15	0.113 027	9.898 726	6	373	
628	9.785 709	9	9.886 988	16	0.113 012	9.898 720	5	372	
629	9.785 718	10	9.887 004	16	0.112 996	9.898 715	6	371	
.630	9.785 728	10	9.887 020	15	0.112 980	9.898 709	6	.370	
631	9.785 738	10	9.887 035	16	0.112 965	9.898 703	6	369	
632	9.785 748	10	9.887 051	16	0.112 949	9.898 697	6	368	
633	9.785 758	10	9.887 067	15	0.112 933	9.898 691	6	367	
634	9.785 768	9	9.887 082	16	0.112 918	9.898 685	5	366	
635	9.785 777	10	9.887 098	16	0.112 902	9.898 680	6	365	
636	9.785 787	10	9.887 114	15	0.112 886	9.898 674	6	364	
637	9.785 797	10	9.887 129	16	0.112 871	9.898 668	6	363	
638	9.785 807	10	9.887 145	16	0.112 855	9.898 662	6	362	
639	9.785 817	10	9.887 161	15	0.112 839	9.898 656	6	361	
.640	9.785 827	9	9.887 176	16	0.112 824	9.898 650	6	.360	
641	9.785 836	10	9.887 192	16	0.112 808	9.898 644	5	359	
642	9.785 846	10	9.887 208	15	0.112 792	9.898 639	6	358	
643	9.785 856	10	9.887 223	16	0.112 777	9.898 633	6	357	
644	9.785 866	10	9.887 239	16	0.112 761	9.898 627	6	356	
645	9.785 876	10	9.887 255	15	0.112 745	9.898 621	6	355	
646	9.785 886	9	9.887 270	16	0.112 730	9.898 615	6	354	
647	9.785 895	10	9.887 286	16	0.112 714	9.898 609	5	353	
648	9.785 905	10	9.887 302	15	0.112 698	9.898 604	6	352	
649	9.785 915	10	9.887 317	16	0.112 683	9.898 598	6	351	
.650	9.785 925		9.887 333		0.112 667	9.898 592		.350	
	cos	d	cotg	d	tang	sin	d	52°	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	10	9
1	1.0	0.9
2	2.0	1.8
3	3.0	2.7
4	4.0	3.6
5	5.0	4.5
6	6.0	5.4
7	7.0	6.3
8	8.0	7.2
9	9.0	8.1

	6	5
1	0.6	0.5
2	1.2	1.0
3	1.8	1.5
4	2.4	2.0
5	3.0	2.5
6	3.6	3.0
7	4.2	3.5
8	4.8	4.0
9	5.4	4.5

52°.400 — 52°.350

37°.650 — 37°.700

37°	sin	d	tang	d	cotg	cos	d		P.P.
.650	9.785 925	10	9.887 333	16	0.112 667	9.898 592	6	**.350**	
651	9.785 935	10	9.887 349	15	0.112 651	9.898 586	6	349	
652	9.785 945	9	9.887 364	16	0.112 636	9.898 580	6	348	
653	9.785 954	10	9.887 380	16	0.112 620	9.898 574	6	347	
654	9.785 964	10	9.887 396	15	0.112 604	9.898 568	5	346	
655	9.785 974	10	9.887 411	16	0.112 589	9.898 563	6	345	
656	9.785 984	10	9.887 427	16	0.112 573	9.898 557	6	344	
657	9.785 994	9	9.887 443	15	0.112 557	9.898 551	6	343	
658	9.786 003	10	9.887 458	16	0.112 542	9.898 545	6	342	
659	9.786 013	10	9.887 474	16	0.112 526	9.898 539	6	341	
.660	9.786 023	10	9.887 490	15	0.112 510	9.898 533	5	**.340**	
661	9.786 033	10	9.887 505	16	0.112 495	9.898 528	6	339	
662	9.786 043	10	9.887 521	16	0.112 479	9.898 522	6	338	
663	9.786 053	9	9.887 537	15	0.112 463	9.898 516	6	337	
664	9.786 062	10	9.887 552	16	0.112 448	9.898 510	6	336	
665	9.786 072	10	9.887 568	16	0.112 432	9.898 504	6	335	
666	9.786 082	10	9.887 584	15	0.112 416	9.898 498	6	334	
667	9.786 092	10	9.887 599	16	0.112 401	9.898 492	5	333	
668	9.786 102	9	9.887 615	16	0.112 385	9.898 487	6	332	
669	9.786 111	10	9.887 631	15	0.112 369	9.898 481	6	331	
.670	9.786 121	10	9.887 646	16	0.112 354	9.898 475	6	**.330**	
671	9.786 131	10	9.887 662	16	0.112 338	9.898 469	6	329	
672	9.786 141	10	9.887 678	15	0.112 322	9.898 463	6	328	
673	9.786 151	10	9.887 693	16	0.112 307	9.898 457	6	327	
674	9.786 161	9	9.887 709	16	0.112 291	9.898 451	5	326	
675	9.786 170	10	9.887 725	15	0.112 275	9.898 446	6	325	
676	9.786 180	10	9.887 740	16	0.112 260	9.898 440	6	324	
677	9.786 190	10	9.887 756	16	0.112 244	9.898 434	6	323	
678	9.786 200	10	9.887 772	15	0.112 228	9.898 428	6	322	
679	9.786 210	9	9.887 787	16	0.112 213	9.898 422	6	321	
.680	9.786 219	10	9.887 803	16	0.112 197	9.898 416	6	**.320**	
681	9.786 229	10	9.887 819	15	0.112 181	9.898 410	5	319	
682	9.786 239	10	9.887 834	16	0.112 166	9.898 405	6	318	
683	9.786 249	10	9.887 850	16	0.112 150	9.898 399	6	317	
684	9.786 259	10	9.887 866	15	0.112 134	9.898 393	6	316	
685	9.786 269	9	9.887 881	16	0.112 119	9.898 387	6	315	
686	9.786 278	10	9.887 897	16	0.112 103	9.898 381	6	314	
687	9.786 288	10	9.887 913	15	0.112 087	9.898 375	6	313	
688	9.786 298	10	9.887 928	16	0.112 072	9.898 369	5	312	
689	9.786 308	10	9.887 944	16	0.112 056	9.898 364	6	311	
.690	9.786 318	9	9.887 960	15	0.112 040	9.898 358	6	**.310**	
691	9.786 327	10	9.887 975	16	0.112 025	9.898 352	6	309	
692	9.786 337	10	9.887 991	16	0.112 009	9.898 346	6	308	
693	9.786 347	10	9.888 007	15	0.111 993	9.898 340	6	307	
694	9.786 357	10	9.888 022	16	0.111 978	9.898 334	6	306	
695	9.786 367	9	9.888 038	16	0.111 962	9.898 328	5	305	
696	9.786 376	10	9.888 054	15	0.111 946	9.898 323	6	304	
697	9.786 386	10	9.888 069	16	0.111 931	9.898 317	6	303	
698	9.786 396	10	9.888 085	16	0.111 915	9.898 311	6	302	
699	9.786 406	10	9.888 101	15	0.111 899	9.898 305	6	301	
.700	9.786 416		9.888 116		0.111 884	9.898 299		**.300**	
	cos	d	cotg	d	tang	sin	d	**52°**	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	10	9
1	1.0	0.9
2	2.0	1.8
3	3.0	2.7
4	4.0	3.6
5	5.0	4.5
6	6.0	5.4
7	7.0	6.3
8	8.0	7.2
9	9.0	8.1

	6	5
1	0.6	0.5
2	1.2	1.0
3	1.8	1.5
4	2.4	2.0
5	3.0	2.5
6	3.6	3.0
7	4.2	3.5
8	4.8	4.0
9	5.4	4.5

52°.350 — 52°.300

37°.700 — 37°.750

37°	sin	d	tang	d	cotg	cos	d		P.P.
.700	9.786 416	9	9.888 116	16	0.111 884	9.898 299	6	.300	
701	9.786 425	10	9.888 132	16	0.111 868	9.898 293	6	299	
702	9.786 435	10	9.888 148	15	0.111 852	9.898 287	5	298	
703	9.786 445	10	9.888 163	16	0.111 837	9.898 282	6	297	
704	9.786 455	10	9.888 179	16	0.111 821	9.898 276	6	296	
705	9.786 465	10	9.888 195	15	0.111 805	9.898 270	6	295	
706	9.786 475	9	9.888 210	16	0.111 790	9.898 264	6	294	
707	9.786 484	10	9.888 226	16	0.111 774	9.898 258	6	293	
708	9.786 494	10	9.888 242	15	0.111 758	9.898 252	6	292	
709	9.786 504	10	9.888 257	16	0.111 743	9.898 246	6	291	
.710	9.786 514	10	9.888 273	16	0.111 727	9.898 241	5	.290	
711	9.786 524	9	9.888 289	15	0.111 711	9.898 235	6	289	
712	9.786 533	10	9.888 304	16	0.111 696	9.898 229	6	288	
713	9.786 543	10	9.888 320	16	0.111 680	9.898 223	6	287	
714	9.786 553	10	9.888 336	15	0.111 664	9.898 217	6	286	
715	9.786 563	10	9.888 351	16	0.111 649	9.898 211	6	285	
716	9.786 573	9	9.888 367	16	0.111 633	9.898 205	5	284	
717	9.786 582	10	9.888 383	15	0.111 617	9.898 200	6	283	
718	9.786 592	10	9.888 398	16	0.111 602	9.898 194	6	282	
719	9.786 602	10	9.888 414	16	0.111 586	9.898 188	6	281	
.720	9.786 612	10	9.888 430	15	0.111 570	9.898 182	6	.280	
721	9.786 622	9	9.888 445	16	0.111 555	9.898 176	6	279	
722	9.786 631	10	9.888 461	16	0.111 539	9.898 170	6	278	
723	9.786 641	10	9.888 477	15	0.111 523	9.898 164	5	277	
724	9.786 651	10	9.888 492	16	0.111 508	9.898 159	6	276	
725	9.786 661	10	9.888 508	16	0.111 492	9.898 153	6	275	
726	9.786 671	9	9.888 524	15	0.111 476	9.898 147	6	274	
727	9.786 680	10	9.888 539	16	0.111 461	9.898 141	6	273	
728	9.786 690	10	9.888 555	16	0.111 445	9.898 135	6	272	
729	9.786 700	10	9.888 571	15	0.111 429	9.898 129	6	271	
.730	9.786 710	10	9.888 586	16	0.111 414	9.898 123	6	.270	
731	9.786 720	9	9.888 602	16	0.111 398	9.898 117	5	269	
732	9.786 729	10	9.888 618	15	0.111 382	9.898 112	6	268	
733	9.786 739	10	9.888 633	16	0.111 367	9.898 106	6	267	
734	9.786 749	10	9.888 649	16	0.111 351	9.898 100	6	266	
735	9.786 759	9	9.888 665	15	0.111 335	9.898 094	6	265	
736	9.786 768	10	9.888 680	16	0.111 320	9.898 088	6	264	
737	9.786 778	10	9.888 696	16	0.111 304	9.898 082	6	263	
738	9.786 788	10	9.888 712	15	0.111 288	9.898 076	5	262	
739	9.786 798	10	9.888 727	16	0.111 273	9.898 071	6	261	
.740	9.786 808	9	9.888 743	16	0.111 257	9.898 065	6	.260	
741	9.786 817	10	9.888 759	15	0.111 241	9.898 059	6	259	
742	9.786 827	10	9.888 774	16	0.111 226	9.898 053	6	258	
743	9.786 837	10	9.888 790	16	0.111 210	9.898 047	6	257	
744	9.786 847	10	9.888 806	15	0.111 194	9.898 041	6	256	
745	9.786 857	9	9.888 821	16	0.111 179	9.898 035	6	255	
746	9.786 866	10	9.888 837	16	0.111 163	9.898 029	5	254	
747	9.786 876	10	9.888 853	15	0.111 147	9.898 024	6	253	
748	9.786 886	10	9.888 868	16	0.111 132	9.898 018	6	252	
749	9.786 896	10	9.888 884	16	0.111 116	9.898 012	6	251	
.750	9.786 906		9.888 900		0.111 100	9.898 006		.250	
	cos	d	cotg	d	tang	sin	d	52°	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	10	9
1	1.0	0.9
2	2.0	1.8
3	3.0	2.7
4	4.0	3.6
5	5.0	4.5
6	6.0	5.4
7	7.0	6.3
8	8.0	7.2
9	9.0	8.1

	6	5
1	0.6	0.5
2	1.2	1.0
3	1.8	1.5
4	2.4	2.0
5	3.0	2.5
6	3.6	3.0
7	4.2	3.5
8	4.8	4.0
9	5.4	4.5

52°.300 — 52°.250

37°.750 — 37°.800

37°	sin	d	tang	d	cotg	cos	d		P.P.
.750	9.786 906	9	9.888 900	15	0.111 100	9.898 006	6	.250	
751	9.786 915	10	9.888 915	16	0.111 085	9.898 000	6	249	
752	9.786 925	10	9.888 931	16	0.111 069	9.897 994	6	248	
753	9.786 935	10	9.888 947	15	0.111 053	9.897 988	5	247	
754	9.786 945	10	9.888 962	16	0.111 038	9.897 983	6	246	
755	9.786 955	9	9.888 978	16	0.111 022	9.897 977	6	245	
756	9.786 964	10	9.888 994	15	0.111 006	9.897 971	6	244	
757	9.786 974	10	9.889 009	16	0.110 991	9.897 965	6	243	
758	9.786 984	10	9.889 025	15	0.110 975	9.897 959	6	242	
759	9.786 994	9	9.889 040	16	0.110 960	9.897 953	6	241	
.760	9.787 003	10	9.889 056	16	0.110 944	9.897 947	6	.240	
761	9.787 013	10	9.889 072	15	0.110 928	9.897 941	5	239	
762	9.787 023	10	9.889 087	16	0.110 913	9.897 936	6	238	
763	9.787 033	10	9.889 103	16	0.110 897	9.897 930	6	237	
764	9.787 043	9	9.889 119	15	0.110 881	9.897 924	6	236	
765	9.787 052	10	9.889 134	16	0.110 866	9.897 918	6	235	
766	9.787 062	10	9.889 150	16	0.110 850	9.897 912	6	234	
767	9.787 072	10	9.889 166	15	0.110 834	9.897 906	6	233	
768	9.787 082	10	9.889 181	16	0.110 819	9.897 900	6	232	
769	9.787 092	9	9.889 197	16	0.110 803	9.897 894	5	231	
.770	9.787 101	10	9.889 213	15	0.110 787	9.897 889	6	.230	
771	9.787 111	10	9.889 228	16	0.110 772	9.897 883	6	229	
772	9.787 121	10	9.889 244	16	0.110 756	9.897 877	6	228	
773	9.787 131	9	9.889 260	15	0.110 740	9.897 871	6	227	
774	9.787 140	10	9.889 275	16	0.110 725	9.897 865	6	226	
775	9.787 150	10	9.889 291	16	0.110 709	9.897 859	6	225	
776	9.787 160	10	9.889 307	15	0.110 693	9.897 853	6	224	
777	9.787 170	10	9.889 322	16	0.110 678	9.897 847	5	223	
778	9.787 180	9	9.889 338	16	0.110 662	9.897 842	6	222	
779	9.787 189	10	9.889 354	15	0.110 646	9.897 836	6	221	
.780	9.787 199	10	9.889 369	16	0.110 631	9.897 830	6	.220	
781	9.787 209	10	9.889 385	16	0.110 615	9.897 824	6	219	
782	9.787 219	9	9.889 401	15	0.110 599	9.897 818	6	218	
783	9.787 228	10	9.889 416	16	0.110 584	9.897 812	6	217	
784	9.787 238	10	9.889 432	16	0.110 568	9.897 806	6	216	
785	9.787 248	10	9.889 448	15	0.110 552	9.897 800	5	215	
786	9.787 258	10	9.889 463	16	0.110 537	9.897 795	6	214	
787	9.787 268	9	9.889 479	15	0.110 521	9.897 789	6	213	
788	9.787 277	10	9.889 494	16	0.110 506	9.897 783	6	212	
789	9.787 287	10	9.889 510	16	0.110 490	9.897 777	6	211	
.790	9.787 297	10	9.889 526	15	0.110 474	9.897 771	6	.210	
791	9.787 307	9	9.889 541	16	0.110 459	9.897 765	6	209	
792	9.787 316	10	9.889 557	16	0.110 443	9.897 759	6	208	
793	9.787 326	10	9.889 573	15	0.110 427	9.897 753	5	207	
794	9.787 336	10	9.889 588	16	0.110 412	9.897 748	6	206	
795	9.787 346	10	9.889 604	16	0.110 396	9.897 742	6	205	
796	9.787 356	9	9.889 620	15	0.110 380	9.897 736	6	204	
797	9.787 365	10	9.889 635	16	0.110 365	9.897 730	6	203	
798	9.787 375	10	9.889 651	16	0.110 349	9.897 724	6	202	
799	9.787 385	10	9.889 667	15	0.110 333	9.897 718	6	201	
.800	9.787 395		9.889 682		0.110 318	9.897 712		.200	
	cos	d	cotg	d	tang	sin	d	52°	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	10	9
1	1.0	0.9
2	2.0	1.8
3	3.0	2.7
4	4.0	3.6
5	5.0	4.5
6	6.0	5.4
7	7.0	6.3
8	8.0	7.2
9	9.0	8.1

	6	5
1	0.6	0.5
2	1.2	1.0
3	1.8	1.5
4	2.4	2.0
5	3.0	2.5
6	3.6	3.0
7	4.2	3.5
8	4.8	4.0
9	5.4	4.5

52°.250 — 52°.200

37°.800 — 37°.850

37°	sin	d	tang	d	cotg	cos	d		P.P.
.800	9.787 395	9	9.889 682	16	0.110 318	9.897 712	6	**.200**	
801	9.787 404	10	9.889 698	16	0.110 302	9.897 706	5	199	
802	9.787 414	10	9.889 714	15	0.110 286	9.897 701	6	198	
803	9.787 424	10	9.889 729	16	0.110 271	9.897 695	6	197	
804	9.787 434	9	9.889 745	16	0.110 255	9.897 689	6	196	
805	9.787 443	10	9.889 761	15	0.110 239	9.897 683	6	195	
806	9.787 453	10	9.889 776	16	0.110 224	9.897 677	6	194	
807	9.787 463	10	9.889 792	16	0.110 208	9.897 671	6	193	
808	9.787 473	10	9.889 808	15	0.110 192	9.897 665	6	192	
809	9.787 483	9	9.889 823	16	0.110 177	9.897 659	6	191	
.810	9.787 492	10	9.889 839	15	0.110 161	9.897 653	5	**.190**	
811	9.787 502	10	9.889 854	16	0.110 146	9.897 648	6	189	
812	9.787 512	10	9.889 870	16	0.110 130	9.897 642	6	188	
813	9.787 522	9	9.889 886	15	0.110 114	9.897 636	6	187	
814	9.787 531	10	9.889 901	16	0.110 099	9.897 630	6	186	
815	9.787 541	10	9.889 917	16	0.110 083	9.897 624	6	185	
816	9.787 551	10	9.889 933	15	0.110 067	9.897 618	6	184	
817	9.787 561	9	9.889 948	16	0.110 052	9.897 612	6	183	
818	9.787 570	10	9.889 964	16	0.110 036	9.897 606	5	182	
819	9.787 580	10	9.889 980	15	0.110 020	9.897 601	6	181	
.820	9.787 590	10	9.889 995	16	0.110 005	9.897 595	6	**.180**	
821	9.787 600	10	9.890 011	16	0.109 989	9.897 589	6	179	
822	9.787 610	9	9.890 027	15	0.109 973	9.897 583	6	178	
823	9.787 619	10	9.890 042	16	0.109 958	9.897 577	6	177	
824	9.787 629	10	9.890 058	16	0.109 942	9.897 571	6	176	
825	9.787 639	10	9.890 074	15	0.109 926	9.897 565	6	175	
826	9.787 649	9	9.890 089	16	0.109 911	9.897 559	6	174	
827	9.787 658	10	9.890 105	16	0.109 895	9.897 553	5	173	
828	9.787 668	10	9.890 121	15	0.109 879	9.897 548	6	172	
829	9.787 678	10	9.890 136	16	0.109 864	9.897 542	6	171	
.830	9.787 688	9	9.890 152	15	0.109 848	9.897 536	6	**.170**	
831	9.787 697	10	9.890 167	16	0.109 833	9.897 530	6	169	
832	9.787 707	10	9.890 183	16	0.109 817	9.897 524	6	168	
833	9.787 717	10	9.890 199	15	0.109 801	9.897 518	6	167	
834	9.787 727	9	9.890 214	16	0.109 786	9.897 512	6	166	
835	9.787 736	10	9.890 230	16	0.109 770	9.897 506	6	165	
836	9.787 746	10	9.890 246	15	0.109 754	9.897 500	5	164	
837	9.787 756	10	9.890 261	16	0.109 739	9.897 495	6	163	
838	9.787 766	9	9.890 277	16	0.109 723	9.897 489	6	162	
839	9.787 775	10	9.890 293	15	0.109 707	9.897 483	6	161	
.840	9.787 785	10	9.890 308	16	0.109 692	9.897 477	6	**.160**	
841	9.787 795	10	9.890 324	16	0.109 676	9.897 471	6	159	
842	9.787 805	9	9.890 340	15	0.109 660	9.897 465	6	158	
843	9.787 814	10	9.890 355	16	0.109 645	9.897 459	6	157	
844	9.787 824	10	9.890 371	15	0.109 629	9.897 453	5	156	
845	9.787 834	10	9.890 386	16	0.109 614	9.897 448	6	155	
846	9.787 844	10	9.890 402	16	0.109 598	9.897 442	6	154	
847	9.787 854	9	9.890 418	15	0.109 582	9.897 436	6	153	
848	9.787 863	10	9.890 433	16	0.109 567	9.897 430	6	152	
849	9.787 873	10	9.890 449	16	0.109 551	9.897 424	6	151	
.850	9.787 883		9.890 465		0.109 535	9.897 418		**.150**	
	cos	d	cotg	d	tang	sin	d	**52°**	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	10	9
1	1.0	0.9
2	2.0	1.8
3	3.0	2.7
4	4.0	3.6
5	5.0	4.5
6	6.0	5.4
7	7.0	6.3
8	8.0	7.2
9	9.0	8.1

	6	5
1	0.6	0.5
2	1.2	1.0
3	1.8	1.5
4	2.4	2.0
5	3.0	2.5
6	3.6	3.0
7	4.2	3.5
8	4.8	4.0
9	5.4	4.5

52°.200 — 52°.150

37°.850 — 37°.900

37°	sin	d	tang	d	cotg	cos	d		P.P.
.850	9.787 883	10	9.890 465	15	0.109 535	9.897 418	6	**.150**	
851	9.787 893	9	9.890 480	16	0.109 520	9.897 412	6	149	
852	9.787 902	10	9.890 496	16	0.109 504	9.897 406	6	148	
853	9.787 912	10	9.890 512	15	0.109 488	9.897 400	6	147	
854	9.787 922	10	9.890 527	16	0.109 473	9.897 394	5	146	
855	9.787 932	9	9.890 543	16	0.109 457	9.897 389	6	145	
856	9.787 941	10	9.890 559	15	0.109 441	9.897 383	6	144	
857	9.787 951	10	9.890 574	16	0.109 426	9.897 377	6	143	
858	9.787 961	10	9.890 590	16	0.109 410	9.897 371	6	142	
859	9.787 971	9	9.890 606	15	0.109 394	9.897 365	6	141	
.860	9.787 980	10	9.890 621	16	0.109 379	9.897 359	6	**.140**	
861	9.787 990	10	9.890 637	15	0.109 363	9.897 353	6	139	
862	9.788 000	10	9.890 652	16	0.109 348	9.897 347	6	138	
863	9.788 010	9	9.890 668	16	0.109 332	9.897 341	5	137	
864	9.788 019	10	9.890 684	15	0.109 316	9.897 336	6	136	
865	9.788 029	10	9.890 699	16	0.109 301	9.897 330	6	135	
866	9.788 039	10	9.890 715	16	0.109 285	9.897 324	6	134	
867	9.788 049	9	9.890 731	15	0.109 269	9.897 318	6	133	
868	9.788 058	10	9.890 746	16	0.109 254	9.897 312	6	132	
869	9.788 068	10	9.890 762	16	0.109 238	9.897 306	6	131	
.870	9.788 078	10	9.890 778	15	0.109 222	9.897 300	6	**.130**	
871	9.788 088	9	9.890 793	16	0.109 207	9.897 294	6	129	
872	9.788 097	10	9.890 809	16	0.109 191	9.897 288	5	128	
873	9.788 107	10	9.890 825	15	0.109 175	9.897 283	6	127	
874	9.788 117	10	9.890 840	16	0.109 160	9.897 277	6	126	
875	9.788 127	9	9.890 856	15	0.109 144	9.897 271	6	125	
876	9.788 136	10	9.890 871	16	0.109 129	9.897 265	6	124	
877	9.788 146	10	9.890 887	16	0.109 113	9.897 259	6	123	
878	9.788 156	10	9.890 903	15	0.109 097	9.897 253	6	122	
879	9.788 166	9	9.890 918	16	0.109 082	9.897 247	6	121	
.880	9.788 175	10	9.890 934	16	0.109 066	9.897 241	6	**.120**	
881	9.788 185	10	9.890 950	15	0.109 050	9.897 235	6	119	
882	9.788 195	9	9.890 965	16	0.109 035	9.897 229	5	118	
883	9.788 204	10	9.890 981	16	0.109 019	9.897 224	6	117	
884	9.788 214	10	9.890 997	15	0.109 003	9.897 218	6	116	
885	9.788 224	10	9.891 012	16	0.108 988	9.897 212	6	115	
886	9.788 234	9	9.891 028	15	0.108 972	9.897 206	6	114	
887	9.788 243	10	9.891 043	16	0.108 957	9.897 200	6	113	
888	9.788 253	10	9.891 059	16	0.108 941	9.897 194	6	112	
889	9.788 263	10	9.891 075	15	0.108 925	9.897 188	6	111	
.890	9.788 273	9	9.891 090	16	0.108 910	9.897 182	6	**.110**	
891	9.788 282	10	9.891 106	16	0.108 894	9.897 176	6	109	
892	9.788 292	10	9.891 122	15	0.108 878	9.897 170	5	108	
893	9.788 302	10	9.891 137	16	0.108 863	9.897 165	6	107	
894	9.788 312	9	9.891 153	16	0.108 847	9.897 159	6	106	
895	9.788 321	10	9.891 169	15	0.108 831	9.897 153	6	105	
896	9.788 331	10	9.891 184	16	0.108 816	9.897 147	6	104	
897	9.788 341	10	9.891 200	15	0.108 800	9.897 141	6	103	
898	9.788 351	9	9.891 215	16	0.108 785	9.897 135	6	102	
899	9.788 360	10	9.891 231	16	0.108 769	9.897 129	6	101	
.900	9.788 370		9.891 247		0.108 753	9.897 123		**.100**	
	cos	d	cotg	d	tang	sin	d	**52°**	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	10	9
1	1.0	0.9
2	2.0	1.8
3	3.0	2.7
4	4.0	3.6
5	5.0	4.5
6	6.0	5.4
7	7.0	6.3
8	8.0	7.2
9	9.0	8.1

	6	5
1	0.6	0.5
2	1.2	1.0
3	1.8	1.5
4	2.4	2.0
5	3.0	2.5
6	3.6	3.0
7	4.2	3.5
8	4.8	4.0
9	5.4	4.5

52°.150 — 52°.100

37°.900 — 37°.950

37°	sin	d	tang	d	cotg	cos	d		P.P.
.900	9.788 370	10	9.891 247	15	0.108 753	9.897 123	6	**.100**	
901	9.788 380	10	9.891 262	16	0.108 738	9.897 117	6	099	
902	9.788 390	9	9.891 278	16	0.108 722	9.897 111	5	098	
903	9.788 399	10	9.891 294	15	0.108 706	9.897 106	6	097	
904	9.788 409	10	9.891 309	16	0.108 691	9.897 100	6	096	
905	9.788 419	9	9.891 325	16	0.108 675	9.897 094	6	095	
906	9.788 428	10	9.891 341	15	0.108 659	9.897 088	6	094	
907	9.788 438	10	9.891 356	16	0.108 644	9.897 082	6	093	
908	9.788 448	10	9.891 372	16	0.108 628	9.897 076	6	092	
909	9.788 458	9	9.891 388	15	0.108 612	9.897 070	6	091	
.910	9.788 467	10	9.891 403	16	0.108 597	9.897 064	6	**.090**	
911	9.788 477	10	9.891 419	15	0.108 581	9.897 058	6	089	
912	9.788 487	10	9.891 434	16	0.108 566	9.897 052	5	088	
913	9.788 497	9	9.891 450	16	0.108 550	9.897 047	6	087	
914	9.788 506	10	9.891 466	15	0.108 534	9.897 041	6	086	
915	9.788 516	10	9.891 481	16	0.108 519	9.897 035	6	085	
916	9.788 526	10	9.891 497	16	0.108 503	9.897 029	6	084	
917	9.788 536	9	9.891 513	15	0.108 487	9.897 023	6	083	
918	9.788 545	10	9.891 528	16	0.108 472	9.897 017	6	082	
919	9.788 555	10	9.891 544	15	0.108 456	9.897 011	6	081	
.920	9.788 565	9	9.891 559	16	0.108 441	9.897 005	6	**.080**	
921	9.788 574	10	9.891 575	16	0.108 425	9.896 999	6	079	
922	9.788 584	10	9.891 591	15	0.108 409	9.896 993	5	078	
923	9.788 594	10	9.891 606	16	0.108 394	9.896 988	6	077	
924	9.788 604	9	9.891 622	16	0.108 378	9.896 982	6	076	
925	9.788 613	10	9.891 638	15	0.108 362	9.896 976	6	075	
926	9.788 623	10	9.891 653	16	0.108 347	9.896 970	6	074	
927	9.788 633	10	9.891 669	16	0.108 331	9.896 964	6	073	
928	9.788 643	9	9.891 685	15	0.108 315	9.896 958	6	072	
929	9.788 652	10	9.891 700	16	0.108 300	9.896 952	6	071	
.930	9.788 662	10	9.891 716	15	0.108 284	9.896 946	6	**.070**	
931	9.788 672	9	9.891 731	16	0.108 269	9.896 940	6	069	
932	9.788 681	10	9.891 747	16	0.108 253	9.896 934	6	068	
933	9.788 691	10	9.891 763	15	0.108 237	9.896 928	5	067	
934	9.788 701	10	9.891 778	16	0.108 222	9.896 923	6	066	
935	9.788 711	9	9.891 794	16	0.108 206	9.896 917	6	065	
936	9.788 720	10	9.891 810	15	0.108 190	9.896 911	6	064	
937	9.788 730	10	9.891 825	16	0.108 175	9.896 905	6	063	
938	9.788 740	10	9.891 841	16	0.108 159	9.896 899	6	062	
939	9.788 750	9	9.891 857	15	0.108 143	9.896 893	6	061	
.940	9.788 759	10	9.891 872	16	0.108 128	9.896 887	6	**.060**	
941	9.788 769	10	9.891 888	15	0.108 112	9.896 881	6	059	
942	9.788 779	9	9.891 903	16	0.108 097	9.896 875	6	058	
943	9.788 788	10	9.891 919	16	0.108 081	9.896 869	6	057	
944	9.788 798	10	9.891 935	15	0.108 065	9.896 863	5	056	
945	9.788 808	10	9.891 950	16	0.108 050	9.896 858	6	055	
946	9.788 818	9	9.891 966	16	0.108 034	9.896 852	6	054	
947	9.788 827	10	9.891 982	15	0.108 018	9.896 846	6	053	
948	9.788 837	10	9.891 997	16	0.108 003	9.896 840	6	052	
949	9.788 847	9	9.892 013	15	0.107 987	9.896 834	6	051	
.950	9.788 856		9.892 028		0.107 972	9.896 828		**.050**	
	cos	d	cotg	d	tang	sin	d	**52°**	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	10	9
1	1.0	0.9
2	2.0	1.8
3	3.0	2.7
4	4.0	3.6
5	5.0	4.5
6	6.0	5.4
7	7.0	6.3
8	8.0	7.2
9	9.0	8.1

	6	5
1	0.6	0.5
2	1.2	1.0
3	1.8	1.5
4	2.4	2.0
5	3.0	2.5
6	3.6	3.0
7	4.2	3.5
8	4.8	4.0
9	5.4	4.5

52°.100 — 52°.050

37°.950 — 38°.000

37°	sin	d	tang	d	cotg	cos	d		P.P.
.950	9.788 856	10	9.892 028	16	0.107 972	9.896 828	6	**.050**	
951	9.788 866	10	9.892 044	16	0.107 956	9.896 822	6	049	
952	9.788 876	10	9.892 060	15	0.107 940	9.896 816	6	048	
953	9.788 886	9	9.892 075	16	0.107 925	9.896 810	6	047	
954	9.788 895	10	9.892 091	16	0.107 909	9.896 804	6	046	
955	9.788 905	10	9.892 107	15	0.107 893	9.896 798	5	045	
956	9.788 915	9	9.892 122	16	0.107 878	9.896 793	6	044	
957	9.788 924	10	9.892 138	16	0.107 862	9.896 787	6	043	
958	9.788 934	10	9.892 154	15	0.107 846	9.896 781	6	042	
959	9.788 944	10	9.892 169	16	0.107 831	9.896 775	6	041	
.960	9.788 954	9	9.892 185	15	0.107 815	9.896 769	6	**.040**	
961	9.788 963	10	9.892 200	16	0.107 800	9.896 763	6	039	
962	9.788 973	10	9.892 216	16	0.107 784	9.896 757	6	038	
963	9.788 983	9	9.892 232	15	0.107 768	9.896 751	6	037	
964	9.788 992	10	9.892 247	16	0.107 753	9.896 745	6	036	
965	9.789 002	10	9.892 263	16	0.107 737	9.896 739	6	035	
966	9.789 012	10	9.892 279	15	0.107 721	9.896 733	6	034	
967	9.789 022	9	9.892 294	16	0.107 706	9.896 727	5	033	
968	9.789 031	10	9.892 310	15	0.107 690	9.896 722	6	032	
969	9.789 041	10	9.892 325	16	0.107 675	9.896 716	6	031	
.970	9.789 051	9	9.892 341	16	0.107 659	9.896 710	6	**.030**	
971	9.789 060	10	9.892 357	15	0.107 643	9.896 704	6	029	
972	9.789 070	10	9.892 372	16	0.107 628	9.896 698	6	028	
973	9.789 080	10	9.892 388	16	0.107 612	9.896 692	6	027	
974	9.789 090	9	9.892 404	15	0.107 596	9.896 686	6	026	
975	9.789 099	10	9.892 419	16	0.107 581	9.896 680	6	025	
976	9.789 109	10	9.892 435	15	0.107 565	9.896 674	6	024	
977	9.789 119	9	9.892 450	16	0.107 550	9.896 668	6	023	
978	9.789 128	10	9.892 466	16	0.107 534	9.896 662	6	022	
979	9.789 138	10	9.892 482	15	0.107 518	9.896 656	5	021	
.980	9.789 148	10	9.892 497	16	0.107 503	9.896 651	6	**.020**	
981	9.789 158	9	9.892 513	16	0.107 487	9.896 645	6	019	
982	9.789 167	10	9.892 529	15	0.107 471	9.896 639	6	018	
983	9.789 177	10	9.892 544	16	0.107 456	9.896 633	6	017	
984	9.789 187	9	9.892 560	15	0.107 440	9.896 627	6	016	
985	9.789 196	10	9.892 575	16	0.107 425	9.896 621	6	015	
986	9.789 206	10	9.892 591	16	0.107 409	9.896 615	6	014	
987	9.789 216	10	9.892 607	15	0.107 393	9.896 609	6	013	
988	9.789 226	9	9.892 622	16	0.107 378	9.896 603	6	012	
989	9.789 235	10	9.892 638	16	0.107 362	9.896 597	6	011	
.990	9.789 245	10	9.892 654	15	0.107 346	9.896 591	6	**.010**	
991	9.789 255	9	9.892 669	16	0.107 331	9.896 585	5	009	
992	9.789 264	10	9.892 685	15	0.107 315	9.896 580	6	008	
993	9.789 274	10	9.892 700	16	0.107 300	9.896 574	6	007	
994	9.789 284	9	9.892 716	16	0.107 284	9.896 568	6	006	
995	9.789 293	10	9.892 732	15	0.107 268	9.896 562	6	005	
996	9.789 303	10	9.892 747	16	0.107 253	9.896 556	6	004	
997	9.789 313	10	9.892 763	16	0.107 237	9.896 550	6	003	
998	9.789 323	9	9.892 779	15	0.107 221	9.896 544	6	002	
999	9.789 332	10	9.892 794	16	0.107 206	9.896 538	6	001	
*000	9.789 342		9.892 810		0.107 190	9.896 532		**.000**	
	cos	d	cotg	d	tang	sin	d	52°	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	10	9
1	1.0	0.9
2	2.0	1.8
3	3.0	2.7
4	4.0	3.6
5	5.0	4.5
6	6.0	5.4
7	7.0	6.3
8	8.0	7.2
9	9.0	8.1

	6	5
1	0.6	0.5
2	1.2	1.0
3	1.8	1.5
4	2.4	2.0
5	3.0	2.5
6	3.6	3.0
7	4.2	3.5
8	4.8	4.0
9	5.4	4.5

52°.050 — 52°.000

38°.000 — 38°.050

38°	sin	d	tang	d	cotg	cos	d		P.P.
.000	9.789 342	10	9.892 810	15	0.107 190	9.896 532	6	***000**	
001	9.789 352	9	9.892 825	16	0.107 175	9.896 526	6	999	
002	9.789 361	10	9.892 841	16	0.107 159	9.896 520	6	998	
003	9.789 371	10	9.892 857	15	0.107 143	9.896 514	6	997	
004	9.789 381	9	9.892 872	16	0.107 128	9.896 508	5	996	
005	9.789 390	10	9.892 888	16	0.107 112	9.896 503	6	995	
006	9.789 400	10	9.892 904	15	0.107 096	9.896 497	6	994	
007	9.789 410	10	9.892 919	16	0.107 081	9.896 491	6	993	
008	9.789 420	9	9.892 935	15	0.107 065	9.896 485	6	992	
009	9.789 429	10	9.892 950	16	0.107 050	9.896 479	6	991	
.010	9.789 439	10	9.892 966	16	0.107 034	9.896 473	6	**.990**	
011	9.789 449	9	9.892 982	15	0.107 018	9.896 467	6	989	
012	9.789 458	10	9.892 997	16	0.107 003	9.896 461	6	988	
013	9.789 468	10	9.893 013	16	0.106 987	9.896 455	6	987	
014	9.789 478	9	9.893 029	15	0.106 971	9.896 449	6	986	
015	9.789 487	10	9.893 044	16	0.106 956	9.896 443	6	985	
016	9.789 497	10	9.893 060	15	0.106 940	9.896 437	6	984	
017	9.789 507	10	9.893 075	16	0.106 925	9.896 431	5	983	
018	9.789 517	9	9.893 091	16	0.106 909	9.896 426	6	982	
019	9.789 526	10	9.893 107	15	0.106 893	9.896 420	6	981	
.020	9.789 536	10	9.893 122	16	0.106 878	9.896 414	6	**.980**	
021	9.789 546	9	9.893 138	16	0.106 862	9.896 408	6	979	
022	9.789 555	10	9.893 154	15	0.106 846	9.896 402	6	978	
023	9.789 565	10	9.893 169	16	0.106 831	9.896 396	6	977	
024	9.789 575	9	9.893 185	15	0.106 815	9.896 390	6	976	
025	9.789 584	10	9.893 200	16	0.106 800	9.896 384	6	975	
026	9.789 594	10	9.893 216	16	0.106 784	9.896 378	6	974	
027	9.789 604	9	9.893 232	15	0.106 768	9.896 372	6	973	
028	9.789 613	10	9.893 247	16	0.106 753	9.896 366	6	972	
029	9.789 623	10	9.893 263	15	0.106 737	9.896 360	6	971	
.030	9.789 633	10	9.893 278	16	0.106 722	9.896 354	6	**.970**	
031	9.789 643	9	9.893 294	16	0.106 706	9.896 348	5	969	
032	9.789 652	10	9.893 310	15	0.106 690	9.896 343	6	968	
033	9.789 662	10	9.893 325	16	0.106 675	9.896 337	6	967	
034	9.789 672	9	9.893 341	16	0.106 659	9.896 331	6	966	
035	9.789 681	10	9.893 357	15	0.106 643	9.896 325	6	965	
036	9.789 691	10	9.893 372	16	0.106 628	9.896 319	6	964	
037	9.789 701	9	9.893 388	15	0.106 612	9.896 313	6	963	
038	9.789 710	10	9.893 403	16	0.106 597	9.896 307	6	962	
039	9.789 720	10	9.893 419	16	0.106 581	9.896 301	6	961	
.040	9.789 730	9	9.893 435	15	0.106 565	9.896 295	6	**.960**	
041	9.789 739	10	9.893 450	16	0.106 550	9.896 289	6	959	
042	9.789 749	10	9.893 466	16	0.106 534	9.896 283	6	958	
043	9.789 759	10	9.893 482	15	0.106 518	9.896 277	6	957	
044	9.789 769	9	9.893 497	16	0.106 503	9.896 271	6	956	
045	9.789 778	10	9.893 513	15	0.106 487	9.896 265	5	955	
046	9.789 788	10	9.893 528	16	0.106 472	9.896 260	6	954	
047	9.789 798	9	9.893 544	16	0.106 456	9.896 254	6	953	
048	9.789 807	10	9.893 560	15	0.106 440	9.896 248	6	952	
049	9.789 817	10	9.893 575	16	0.106 425	9.896 242	6	951	
.050	9.789 827		9.893 591		0.106 409	9.896 236		**.950**	
	cos	d	cotg	d	tang	sin	d	**51°**	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	10	9
1	1.0	0.9
2	2.0	1.8
3	3.0	2.7
4	4.0	3.6
5	5.0	4.5
6	6.0	5.4
7	7.0	6.3
8	8.0	7.2
9	9.0	8.1

	6	5
1	0.6	0.5
2	1.2	1.0
3	1.8	1.5
4	2.4	2.0
5	3.0	2.5
6	3.6	3.0
7	4.2	3.5
8	4.8	4.0
9	5.4	4.5

52°.000 — 51°.950

38°.050 — 38°.100

38°	sin	d	tang	d	cotg	cos	d		P.P.
.050	9.789 827		9.893 591		0.106 409	9.896 236		**.950**	
		9		15			6		
051	9.789 836		9.893 606		0.106 394	9.896 230		949	
		10		16			6		
052	9.789 846		9.893 622		0.106 378	9.896 224		948	
		10		16			6		
053	9.789 856		9.893 638		0.106 362	9.896 218		947	
		9		15			6		
054	9.789 865		9.893 653		0.106 347	9.896 212		946	
		10		16			6		
055	9.789 875		9.893 669		0.106 331	9.896 206		945	
		10		16			6		
056	9.789 885		9.893 685		0.106 315	9.896 200		944	
		9		15			6		
057	9.789 894		9.893 700		0.106 300	9.896 194		943	
		10		16			6		
058	9.789 904		9.893 716		0.106 284	9.896 188		942	
		10		15			6		
059	9.789 914		9.893 731		0.106 269	9.896 182		941	
		9		16			6		
.060	9.789 923		9.893 747		0.106 253	9.896 176		**.940**	
		10		16			5		
061	9.789 933		9.893 763		0.106 237	9.896 171		939	
		10		15			6		
062	9.789 943		9.893 778		0.106 222	9.896 165		938	
		9		16			6		
063	9.789 952		9.893 794		0.106 206	9.896 159		937	
		10		15			6		
064	9.789 962		9.893 809		0.106 191	9.896 153		936	
		10		16			6		
065	9.789 972		9.893 825		0.106 175	9.896 147		935	
		10		16			6		
066	9.789 982		9.893 841		0.106 159	9.896 141		934	
		9		15			6		
067	9.789 991		9.893 856		0.106 144	9.896 135		933	
		10		16			6		
068	9.790 001		9.893 872		0.106 128	9.896 129		932	
		10		16			6		
069	9.790 011		9.893 888		0.106 112	9.896 123		931	
		9		15			6		
.070	9.790 020		9.893 903		0.106 097	9.896 117		**.930**	
		10		16			6		
071	9.790 030		9.893 919		0.106 081	9.896 111		929	
		10		15			6		
072	9.790 040		9.893 934		0.106 066	9.896 105		928	
		9		16			6		
073	9.790 049		9.893 950		0.106 050	9.896 099		927	
		10		16			6		
074	9.790 059		9.893 966		0.106 034	9.896 093		926	
		10		15			6		
075	9.790 069		9.893 981		0.106 019	9.896 087		925	
		9		16			6		
076	9.790 078		9.893 997		0.106 003	9.896 081		924	
		10		15			5		
077	9.790 088		9.894 012		0.105 988	9.896 076		923	
		10		16			6		
078	9.790 098		9.894 028		0.105 972	9.896 070		922	
		9		16			6		
079	9.790 107		9.894 044		0.105 956	9.896 064		921	
		10		15			6		
.080	9.790 117		9.894 059		0.105 941	9.896 058		**.920**	
		10		16			6		
081	9.790 127		9.894 075		0.105 925	9.896 052		919	
		9		16			6		
082	9.790 136		9.894 091		0.105 909	9.896 046		918	
		10		15			6		
083	9.790 146		9.894 106		0.105 894	9.896 040		917	
		10		16			6		
084	9.790 156		9.894 122		0.105 878	9.896 034		916	
		9		15			6		
085	9.790 165		9.894 137		0.105 863	9.896 028		915	
		10		16			6		
086	9.790 175		9.894 153		0.105 847	9.896 022		914	
		10		16			6		
087	9.790 185		9.894 169		0.105 831	9.896 016		913	
		9		15			6		
088	9.790 194		9.894 184		0.105 816	9.896 010		912	
		10		16			6		
089	9.790 204		9.894 200		0.105 800	9.896 004		911	
		10		15			6		
.090	9.790 214		9.894 215		0.105 785	9.895 998		**.910**	
		9		16			6		
091	9.790 223		9.894 231		0.105 769	9.895 992		909	
		10		16			6		
092	9.790 233		9.894 247		0.105 753	9.895 986		908	
		10		15			6		
093	9.790 243		9.894 262		0.105 738	9.895 980		907	
		9		16			5		
094	9.790 252		9.894 278		0.105 722	9.895 975		906	
		10		15			6		
095	9.790 262		9.894 293		0.105 707	9.895 969		905	
		10		16			6		
096	9.790 272		9.894 309		0.105 691	9.895 963		904	
		9		16			6		
097	9.790 281		9.894 325		0.105 675	9.895 957		903	
		10		15			6		
098	9.790 291		9.894 340		0.105 660	9.895 951		902	
		10		16			6		
099	9.790 301		9.894 356		0.105 644	9.895 945		901	
		9		16			6		
.100	9.790 310		9.894 372		0.105 628	9.895 939		**.900**	
	cos	d	cotg	d	tang	sin	d	**51°**	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	10	9
1	1.0	0.9
2	2.0	1.8
3	3.0	2.7
4	4.0	3.6
5	5.0	4.5
6	6.0	5.4
7	7.0	6.3
8	8.0	7.2
9	9.0	8.1

	6	5
1	0.6	0.5
2	1.2	1.0
3	1.8	1.5
4	2.4	2.0
5	3.0	2.5
6	3.6	3.0
7	4.2	3.5
8	4.8	4.0
9	5.4	4.5

51°.950 — 51°.900

38°.100 — 38°.150

38°	sin	d	tang	d	cotg	cos	d		P.P.
.100	9.790 310	10	9.894 372	15	0.105 628	9.895 939	6	.900	
101	9.790 320	10	9.894 387	16	0.105 613	9.895 933	6	899	
102	9.790 330	9	9.894 403	15	0.105 597	9.895 927	6	898	
103	9.790 339	10	9.894 418	16	0.105 582	9.895 921	6	897	
104	9.790 349	10	9.894 434	16	0.105 566	9.895 915	6	896	
105	9.790 359	9	9.894 450	15	0.105 550	9.895 909	6	895	
106	9.790 368	10	9.894 465	16	0.105 535	9.895 903	6	894	
107	9.790 378	10	9.894 481	15	0.105 519	9.895 897	6	893	
108	9.790 388	9	9.894 496	16	0.105 504	9.895 891	6	892	
109	9.790 397	10	9.894 512	16	0.105 488	9.895 885	6	891	
.110	9.790 407	10	9.894 528	15	0.105 472	9.895 879	6	.890	
111	9.790 417	9	9.894 543	16	0.105 457	9.895 873	5	889	
112	9.790 426	10	9.894 559	15	0.105 441	9.895 868	6	888	
113	9.790 436	10	9.894 574	16	0.105 426	9.895 862	6	887	
114	9.790 446	9	9.894 590	16	0.105 410	9.895 856	6	886	
115	9.790 455	10	9.894 606	15	0.105 394	9.895 850	6	885	
116	9.790 465	10	9.894 621	16	0.105 379	9.895 844	6	884	
117	9.790 475	9	9.894 637	16	0.105 363	9.895 838	6	883	
118	9.790 484	10	9.894 653	15	0.105 347	9.895 832	6	882	
119	9.790 494	10	9.894 668	16	0.105 332	9.895 826	6	881	
.120	9.790 504	9	9.894 684	15	0.105 316	9.895 820	6	.880	
121	9.790 513	10	9.894 699	16	0.105 301	9.895 814	6	879	
122	9.790 523	10	9.894 715	16	0.105 285	9.895 808	6	878	
123	9.790 533	9	9.894 731	15	0.105 269	9.895 802	6	877	
124	9.790 542	10	9.894 746	16	0.105 254	9.895 796	6	876	
125	9.790 552	10	9.894 762	15	0.105 238	9.895 790	6	875	
126	9.790 562	9	9.894 777	16	0.105 223	9.895 784	6	874	
127	9.790 571	10	9.894 793	16	0.105 207	9.895 778	6	873	
128	9.790 581	10	9.894 809	15	0.105 191	9.895 772	6	872	
129	9.790 591	9	9.894 824	16	0.105 176	9.895 766	6	871	
.130	9.790 600	10	9.894 840	15	0.105 160	9.895 760	5	.870	
131	9.790 610	10	9.894 855	16	0.105 145	9.895 755	6	869	
132	9.790 620	9	9.894 871	16	0.105 129	9.895 749	6	868	
133	9.790 629	10	9.894 887	15	0.105 113	9.895 743	6	867	
134	9.790 639	10	9.894 902	16	0.105 098	9.895 737	6	866	
135	9.790 649	9	9.894 918	15	0.105 082	9.895 731	6	865	
136	9.790 658	10	9.894 933	16	0.105 067	9.895 725	6	864	
137	9.790 668	10	9.894 949	16	0.105 051	9.895 719	6	863	
138	9.790 678	9	9.894 965	15	0.105 035	9.895 713	6	862	
139	9.790 687	10	9.894 980	16	0.105 020	9.895 707	6	861	
.140	9.790 697	9	9.894 996	15	0.105 004	9.895 701	6	.860	
141	9.790 706	10	9.895 011	16	0.104 989	9.895 695	6	859	
142	9.790 716	10	9.895 027	16	0.104 973	9.895 689	6	858	
143	9.790 726	9	9.895 043	15	0.104 957	9.895 683	6	857	
144	9.790 735	10	9.895 058	16	0.104 942	9.895 677	6	856	
145	9.790 745	10	9.895 074	15	0.104 926	9.895 671	6	855	
146	9.790 755	9	9.895 089	16	0.104 911	9.895 665	6	854	
147	9.790 764	10	9.895 105	16	0.104 895	9.895 659	6	853	
148	9.790 774	10	9.895 121	15	0.104 879	9.895 653	6	852	
149	9.790 784	9	9.895 136	16	0.104 864	9.895 647	6	851	
.150	9.790 793		9.895 152		0.104 848	9.895 641		.850	
	cos	d	cotg	d	tang	sin	d	51°	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	10	9
1	1.0	0.9
2	2.0	1.8
3	3.0	2.7
4	4.0	3.6
5	5.0	4.5
6	6.0	5.4
7	7.0	6.3
8	8.0	7.2
9	9.0	8.1

	6	5
1	0.6	0.5
2	1.2	1.0
3	1.8	1.5
4	2.4	2.0
5	3.0	2.5
6	3.6	3.0
7	4.2	3.5
8	4.8	4.0
9	5.4	4.5

51°.900 — 51°.850

38°.150 — 38°.200

38°	sin	d	tang	d	cotg	cos	d		P.P.
.150	9.790 793	10	9.895 152	15	0.104 848	9.895 641	6	.850	
151	9.790 803	10	9.895 167	16	0.104 833	9.895 635	5	849	
152	9.790 813	9	9.895 183	16	0.104 817	9.895 630	6	848	
153	9.790 822	10	9.895 199	15	0.104 801	9.895 624	6	847	
154	9.790 832	10	9.895 214	16	0.104 786	9.895 618	6	846	
155	9.790 842	9	9.895 230	16	0.104 770	9.895 612	6	845	
156	9.790 851	10	9.895 246	15	0.104 754	9.895 606	6	844	
157	9.790 861	10	9.895 261	16	0.104 739	9.895 600	6	843	
158	9.790 871	9	9.895 277	15	0.104 723	9.895 594	6	842	
159	9.790 880	10	9.895 292	16	0.104 708	9.895 588	6	841	
.160	9.790 890	9	9.895 308	16	0.104 692	9.895 582	6	.840	
161	9.790 899	10	9.895 324	15	0.104 676	9.895 576	6	839	
162	9.790 909	10	9.895 339	16	0.104 661	9.895 570	6	838	
163	9.790 919	9	9.895 355	15	0.104 645	9.895 564	6	837	
164	9.790 928	10	9.895 370	16	0.104 630	9.895 558	6	836	
165	9.790 938	10	9.895 386	16	0.104 614	9.895 552	6	835	
166	9.790 948	9	9.895 402	15	0.104 598	9.895 546	6	834	
167	9.790 957	10	9.895 417	16	0.104 583	9.895 540	6	833	
168	9.790 967	10	9.895 433	15	0.104 567	9.895 534	6	832	
169	9.790 977	9	9.895 448	16	0.104 552	9.895 528	6	831	
.170	9.790 986	10	9.895 464	16	0.104 536	9.895 522	6	.830	
171	9.790 996	10	9.895 480	15	0.104 520	9.895 516	6	829	
172	9.791 006	9	9.895 495	16	0.104 505	9.895 510	6	828	
173	9.791 015	10	9.895 511	15	0.104 489	9.895 504	6	827	
174	9.791 025	9	9.895 526	16	0.104 474	9.895 498	5	826	
175	9.791 034	10	9.895 542	16	0.104 458	9.895 493	6	825	
176	9.791 044	10	9.895 558	15	0.104 442	9.895 487	6	824	
177	9.791 054	9	9.895 573	16	0.104 427	9.895 481	6	823	
178	9.791 063	10	9.895 589	15	0.104 411	9.895 475	6	822	
179	9.791 073	10	9.895 604	16	0.104 396	9.895 469	6	821	
.180	9.791 083	9	9.895 620	16	0.104 380	9.895 463	6	.820	
181	9.791 092	10	9.895 636	15	0.104 364	9.895 457	6	819	
182	9.791 102	10	9.895 651	16	0.104 349	9.895 451	6	818	
183	9.791 112	9	9.895 667	15	0.104 333	9.895 445	6	817	
184	9.791 121	10	9.895 682	16	0.104 318	9.895 439	6	816	
185	9.791 131	9	9.895 698	16	0.104 302	9.895 433	6	815	
186	9.791 140	10	9.895 714	15	0.104 286	9.895 427	6	814	
187	9.791 150	10	9.895 729	16	0.104 271	9.895 421	6	813	
188	9.791 160	9	9.895 745	15	0.104 255	9.895 415	6	812	
189	9.791 169	10	9.895 760	16	0.104 240	9.895 409	6	811	
.190	9.791 179	10	9.895 776	16	0.104 224	9.895 403	6	.810	
191	9.791 189	9	9.895 792	15	0.104 208	9.895 397	6	809	
192	9.791 198	10	9.895 807	16	0.104 193	9.895 391	6	808	
193	9.791 208	10	9.895 823	15	0.104 177	9.895 385	6	807	
194	9.791 218	9	9.895 838	16	0.104 162	9.895 379	6	806	
195	9.791 227	10	9.895 854	16	0.104 146	9.895 373	6	805	
196	9.791 237	9	9.895 870	15	0.104 130	9.895 367	6	804	
197	9.791 246	10	9.895 885	16	0.104 115	9.895 361	6	803	
198	9.791 256	10	9.895 901	15	0.104 099	9.895 355	6	802	
199	9.791 266	9	9.895 916	16	0.104 084	9.895 349	6	801	
.200	9.791 275		9.895 932		0.104 068	9.895 343		.800	
	cos	d	cotg	d	tang	sin	d	51°	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	10	9
1	1.0	0.9
2	2.0	1.8
3	3.0	2.7
4	4.0	3.6
5	5.0	4.5
6	6.0	5.4
7	7.0	6.3
8	8.0	7.2
9	9.0	8.1

	6	5
1	0.6	0.5
2	1.2	1.0
3	1.8	1.5
4	2.4	2.0
5	3.0	2.5
6	3.6	3.0
7	4.2	3.5
8	4.8	4.0
9	5.4	4.5

51°.850 — 51°.800

38°.200 — 38°.250

38°	sin	d	tang	d	cotg	cos	d		P.P.
.200	9.791 275	10	9.895 932	16	0.104 068	9.895 343	5	**.800**	
201	9.791 285	10	9.895 948	15	0.104 052	9.895 338	6	799	
202	9.791 295	9	9.895 963	16	0.104 037	9.895 332	6	798	
203	9.791 304	10	9.895 979	15	0.104 021	9.895 326	6	797	
204	9.791 314	10	9.895 994	16	0.104 006	9.895 320	6	796	
205	9.791 324	9	9.896 010	15	0.103 990	9.895 314	6	795	
206	9.791 333	10	9.896 025	16	0.103 975	9.895 308	6	794	
207	9.791 343	9	9.896 041	16	0.103 959	9.895 302	6	793	
208	9.791 352	10	9.896 057	15	0.103 943	9.895 296	6	792	
209	9.791 362	10	9.896 072	16	0.103 928	9.895 290	6	791	
.210	9.791 372	9	9.896 088	15	0.103 912	9.895 284	6	**.790**	
211	9.791 381	10	9.896 103	16	0.103 897	9.895 278	6	789	
212	9.791 391	10	9.896 119	16	0.103 881	9.895 272	6	788	
213	9.791 401	9	9.896 135	15	0.103 865	9.895 266	6	787	
214	9.791 410	10	9.896 150	16	0.103 850	9.895 260	6	786	
215	9.791 420	9	9.896 166	15	0.103 834	9.895 254	6	785	
216	9.791 429	10	9.896 181	16	0.103 819	9.895 248	6	784	
217	9.791 439	10	9.896 197	16	0.103 803	9.895 242	6	783	
218	9.791 449	9	9.896 213	15	0.103 787	9.895 236	6	782	
219	9.791 458	10	9.896 228	16	0.103 772	9.895 230	6	781	
.220	9.791 468	10	9.896 244	15	0.103 756	9.895 224	6	**.780**	
221	9.791 478	9	9.896 259	16	0.103 741	9.895 218	6	779	
222	9.791 487	10	9.896 275	16	0.103 725	9.895 212	6	778	
223	9.791 497	9	9.896 291	15	0.103 709	9.895 206	6	777	
224	9.791 506	10	9.896 306	16	0.103 694	9.895 200	6	776	
225	9.791 516	10	9.896 322	15	0.103 678	9.895 194	6	775	
226	9.791 526	9	9.896 337	16	0.103 663	9.895 188	6	774	
227	9.791 535	10	9.896 353	16	0.103 647	9.895 182	6	773	
228	9.791 545	10	9.896 369	15	0.103 631	9.895 176	6	772	
229	9.791 555	9	9.896 384	16	0.103 616	9.895 170	6	771	
.230	9.791 564	10	9.896 400	15	0.103 600	9.895 164	6	**.770**	
231	9.791 574	9	9.896 415	16	0.103 585	9.895 158	6	769	
232	9.791 583	10	9.896 431	16	0.103 569	9.895 152	5	768	
233	9.791 593	10	9.896 447	15	0.103 553	9.895 147	6	767	
234	9.791 603	9	9.896 462	16	0.103 538	9.895 141	6	766	
235	9.791 612	10	9.896 478	15	0.103 522	9.895 135	6	765	
236	9.791 622	10	9.896 493	16	0.103 507	9.895 129	6	764	
237	9.791 632	9	9.896 509	16	0.103 491	9.895 123	6	763	
238	9.791 641	10	9.896 525	15	0.103 475	9.895 117	6	762	
239	9.791 651	9	9.896 540	16	0.103 460	9.895 111	6	761	
.240	9.791 660	10	9.896 556	15	0.103 444	9.895 105	6	**.760**	
241	9.791 670	10	9.896 571	16	0.103 429	9.895 099	6	759	
242	9.791 680	9	9.896 587	15	0.103 413	9.895 093	6	758	
243	9.791 689	10	9.896 602	16	0.103 398	9.895 087	6	757	
244	9.791 699	9	9.896 618	16	0.103 382	9.895 081	6	756	
245	9.791 708	10	9.896 634	15	0.103 366	9.895 075	6	755	
246	9.791 718	10	9.896 649	16	0.103 351	9.895 069	6	754	
247	9.791 728	9	9.896 665	15	0.103 335	9.895 063	6	753	
248	9.791 737	10	9.896 680	16	0.103 320	9.895 057	6	752	
249	9.791 747	10	9.896 696	16	0.103 304	9.895 051	6	751	
.250	9.791 757		9.896 712		0.103 288	9.895 045		**.750**	
	cos	d	cotg	d	tang	sin	d	**51°**	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	10	9
1	1.0	0.9
2	2.0	1.8
3	3.0	2.7
4	4.0	3.6
5	5.0	4.5
6	6.0	5.4
7	7.0	6.3
8	8.0	7.2
9	9.0	8.1

	6	5
1	0.6	0.5
2	1.2	1.0
3	1.8	1.5
4	2.4	2.0
5	3.0	2.5
6	3.6	3.0
7	4.2	3.5
8	4.8	4.0
9	5.4	4.5

51°.800 — 51°.750

38°.250 — 38°.300

38°	sin	d	tang	d	cotg	cos	d		P.P.
.250	9.791 757	9	9.896 712	15	0.103 288	9.895 045	6	**.750**	
251	9.791 766	10	9.896 727	16	0.103 273	9.895 039	6	749	
252	9.791 776	9	9.896 743	15	0.103 257	9.895 033	6	748	
253	9.791 785	10	9.896 758	16	0.103 242	9.895 027	6	747	
254	9.791 795	10	9.896 774	16	0.103 226	9.895 021	6	746	
255	9.791 805	9	9.896 790	15	0.103 210	9.895 015	6	745	
256	9.791 814	10	9.896 805	16	0.103 195	9.895 009	6	744	
257	9.791 824	9	9.896 821	15	0.103 179	9.895 003	6	743	
258	9.791 833	10	9.896 836	16	0.103 164	9.894 997	6	742	
259	9.791 843	10	9.896 852	15	0.103 148	9.894 991	6	741	
.260	9.791 853	9	9.896 867	16	0.103 133	9.894 985	6	**.740**	
261	9.791 862	10	9.896 883	16	0.103 117	9.894 979	6	739	
262	9.791 872	10	9.896 899	15	0.103 101	9.894 973	6	738	
263	9.791 882	9	9.896 914	16	0.103 086	9.894 967	6	737	
264	9.791 891	10	9.896 930	15	0.103 070	9.894 961	6	736	
265	9.791 901	9	9.896 945	16	0.103 055	9.894 955	6	735	
266	9.791 910	10	9.896 961	16	0.103 039	9.894 949	6	734	
267	9.791 920	10	9.896 977	15	0.103 023	9.894 943	6	733	
268	9.791 930	9	9.896 992	16	0.103 008	9.894 937	6	732	
269	9.791 939	10	9.897 008	15	0.102 992	9.894 931	6	731	
.270	9.791 949	9	9.897 023	16	0.102 977	9.894 925	6	**.730**	
271	9.791 958	10	9.897 039	16	0.102 961	9.894 919	6	729	
272	9.791 968	10	9.897 055	15	0.102 945	9.894 913	6	728	
273	9.791 978	9	9.897 070	16	0.102 930	9.894 907	6	727	
274	9.791 987	10	9.897 086	15	0.102 914	9.894 901	5	726	
275	9.791 997	9	9.897 101	16	0.102 899	9.894 896	6	725	
276	9.792 006	10	9.897 117	15	0.102 883	9.894 890	6	724	
277	9.792 016	10	9.897 132	16	0.102 868	9.894 884	6	723	
278	9.792 026	9	9.897 148	16	0.102 852	9.894 878	6	722	
279	9.792 035	10	9.897 164	15	0.102 836	9.894 872	6	721	
.280	9.792 045	9	9.897 179	16	0.102 821	9.894 866	6	**.720**	
281	9.792 054	10	9.897 195	15	0.102 805	9.894 860	6	719	
282	9.792 064	10	9.897 210	16	0.102 790	9.894 854	6	718	
283	9.792 074	9	9.897 226	16	0.102 774	9.894 848	6	717	
284	9.792 083	10	9.897 242	15	0.102 758	9.894 842	6	716	
285	9.792 093	9	9.897 257	16	0.102 743	9.894 836	6	715	
286	9.792 102	10	9.897 273	15	0.102 727	9.894 830	6	714	
287	9.792 112	10	9.897 288	16	0.102 712	9.894 824	6	713	
288	9.792 122	9	9.897 304	16	0.102 696	9.894 818	6	712	
289	9.792 131	10	9.897 320	15	0.102 680	9.894 812	6	711	
.290	9.792 141	9	9.897 335	16	0.102 665	9.894 806	6	**.710**	
291	9.792 150	10	9.897 351	15	0.102 649	9.894 800	6	709	
292	9.792 160	10	9.897 366	16	0.102 634	9.894 794	6	708	
293	9.792 170	9	9.897 382	15	0.102 618	9.894 788	6	707	
294	9.792 179	10	9.897 397	16	0.102 603	9.894 782	6	706	
295	9.792 189	9	9.897 413	16	0.102 587	9.894 776	6	705	
296	9.792 198	10	9.897 429	15	0.102 571	9.894 770	6	704	
297	9.792 208	10	9.897 444	16	0.102 556	9.894 764	6	703	
298	9.792 218	9	9.897 460	15	0.102 540	9.894 758	6	702	
299	9.792 227	10	9.897 475	16	0.102 525	9.894 752	6	701	
.300	9.792 237		9.897 491		0.102 509	9.894 746		**.700**	
	cos	d	cotg	d	tang	sin	d	**51°**	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	10	9
1	1.0	0.9
2	2.0	1.8
3	3.0	2.7
4	4.0	3.6
5	5.0	4.5
6	6.0	5.4
7	7.0	6.3
8	8.0	7.2
9	9.0	8.1

	6	5
1	0.6	0.5
2	1.2	1.0
3	1.8	1.5
4	2.4	2.0
5	3.0	2.5
6	3.6	3.0
7	4.2	3.5
8	4.8	4.0
9	5.4	4.5

51°.750 — 51°.700

38°.300 — 38°.350

38°	sin	d	tang	d	cotg	cos	d		P.P.
.300	9.792 237	9	9.897 491	16	0.102 509	9.894 746	6	.700	
301	9.792 246	10	9.897 507	15	0.102 493	9.894 740	6	699	
302	9.792 256	10	9.897 522	16	0.102 478	9.894 734	6	698	
303	9.792 266	9	9.897 538	15	0.102 462	9.894 728	6	697	
304	9.792 275	10	9.897 553	16	0.102 447	9.894 722	6	696	
305	9.792 285	9	9.897 569	15	0.102 431	9.894 716	6	695	
306	9.792 294	10	9.897 584	16	0.102 416	9.894 710	6	694	
307	9.792 304	10	9.897 600	16	0.102 400	9.894 704	6	693	
308	9.792 314	9	9.897 616	15	0.102 384	9.894 698	6	692	
309	9.792 323	10	9.897 631	16	0.102 369	9.894 692	6	691	
.310	9.792 333	9	9.897 647	15	0.102 353	9.894 686	6	.690	
311	9.792 342	10	9.897 662	16	0.102 338	9.894 680	6	689	
312	9.792 352	10	9.897 678	16	0.102 322	9.894 674	6	688	
313	9.792 362	9	9.897 694	15	0.102 306	9.894 668	6	687	
314	9.792 371	10	9.897 709	16	0.102 291	9.894 662	6	686	
315	9.792 381	9	9.897 725	15	0.102 275	9.894 656	6	685	
316	9.792 390	10	9.897 740	16	0.102 260	9.894 650	6	684	
317	9.792 400	10	9.897 756	15	0.102 244	9.894 644	6	683	
318	9.792 410	9	9.897 771	16	0.102 229	9.894 638	6	682	
319	9.792 419	10	9.897 787	16	0.102 213	9.894 632	6	681	
.320	9.792 429	9	9.897 803	15	0.102 197	9.894 626	6	.680	
321	9.792 438	10	9.897 818	16	0.102 182	9.894 620	6	679	
322	9.792 448	10	9.897 834	15	0.102 166	9.894 614	6	678	
323	9.792 458	9	9.897 849	16	0.102 151	9.894 608	6	677	
324	9.792 467	10	9.897 865	16	0.102 135	9.894 602	6	676	
325	9.792 477	9	9.897 881	15	0.102 119	9.894 596	6	675	
326	9.792 486	10	9.897 896	16	0.102 104	9.894 590	6	674	
327	9.792 496	9	9.897 912	15	0.102 088	9.894 584	6	673	
328	9.792 505	10	9.897 927	16	0.102 073	9.894 578	6	672	
329	9.792 515	10	9.897 943	15	0.102 057	9.894 572	6	671	
.330	9.792 525	9	9.897 958	16	0.102 042	9.894 566	6	.670	
331	9.792 534	10	9.897 974	16	0.102 026	9.894 560	6	669	
332	9.792 544	9	9.897 990	15	0.102 010	9.894 554	6	668	
333	9.792 553	10	9.898 005	16	0.101 995	9.894 548	6	667	
334	9.792 563	10	9.898 021	15	0.101 979	9.894 542	6	666	
335	9.792 573	9	9.898 036	16	0.101 964	9.894 536	6	665	
336	9.792 582	10	9.898 052	15	0.101 948	9.894 530	6	664	
337	9.792 592	9	9.898 067	16	0.101 933	9.894 524	6	663	
338	9.792 601	10	9.898 083	16	0.101 917	9.894 518	6	662	
339	9.792 611	10	9.898 099	15	0.101 901	9.894 512	6	661	
.340	9.792 621	9	9.898 114	16	0.101 886	9.894 506	6	.660	
341	9.792 630	10	9.898 130	15	0.101 870	9.894 500	6	659	
342	9.792 640	9	9.898 145	16	0.101 855	9.894 494	6	658	
343	9.792 649	10	9.898 161	16	0.101 839	9.894 488	6	657	
344	9.792 659	9	9.898 177	15	0.101 823	9.894 482	6	656	
345	9.792 668	10	9.898 192	16	0.101 808	9.894 476	6	655	
346	9.792 678	10	9.898 208	15	0.101 792	9.894 470	6	654	
347	9.792 688	9	9.898 223	16	0.101 777	9.894 464	6	653	
348	9.792 697	10	9.898 239	15	0.101 761	9.894 458	6	652	
349	9.792 707	9	9.898 254	16	0.101 746	9.894 452	6	651	
.350	9.792 716		9.898 270		0.101 730	9.894 446		.650	
	cos	d	cotg	d	tang	sin	d	51°	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	10	9
1	1.0	0.9
2	2.0	1.8
3	3.0	2.7
4	4.0	3.6
5	5.0	4.5
6	6.0	5.4
7	7.0	6.3
8	8.0	7.2
9	9.0	8.1

	6
1	0.6
2	1.2
3	1.8
4	2.4
5	3.0
6	3.6
7	4.2
8	4.8
9	5.4

51°.700 — 51°.650

38°.350 — 38°.400

38°	sin	d	tang	d	cotg	cos	d		P.P.
.350	9.792 716	10	9.898 270	16	0.101 730	9.894 446	6	.650	
351	9.792 726	9	9.898 286	15	0.101 714	9.894 440	6	649	
352	9.792 735	10	9.898 301	16	0.101 699	9.894 434	6	648	
353	9.792 745	10	9.898 317	15	0.101 683	9.894 428	6	647	
354	9.792 755	9	9.898 332	16	0.101 668	9.894 422	6	646	
355	9.792 764	10	9.898 348	15	0.101 652	9.894 416	6	645	
356	9.792 774	9	9.898 363	16	0.101 637	9.894 410	6	644	
357	9.792 783	10	9.898 379	16	0.101 621	9.894 404	6	643	
358	9.792 793	10	9.898 395	15	0.101 605	9.894 398	6	642	
359	9.792 803	9	9.898 410	16	0.101 590	9.894 392	6	641	
.360	9.792 812	10	9.898 426	15	0.101 574	9.894 386	6	.640	
361	9.792 822	9	9.898 441	16	0.101 559	9.894 380	6	639	
362	9.792 831	10	9.898 457	15	0.101 543	9.894 374	6	638	
363	9.792 841	9	9.898 472	16	0.101 528	9.894 368	6	637	
364	9.792 850	10	9.898 488	16	0.101 512	9.894 362	6	636	
365	9.792 860	10	9.898 504	15	0.101 496	9.894 356	6	635	
366	9.792 870	9	9.898 519	16	0.101 481	9.894 350	6	634	
367	9.792 879	10	9.898 535	15	0.101 465	9.894 344	6	633	
368	9.792 889	9	9.898 550	16	0.101 450	9.894 338	6	632	
369	9.792 898	10	9.898 566	16	0.101 434	9.894 332	6	631	
.370	9.792 908	9	9.898 582	15	0.101 418	9.894 326	6	.630	
371	9.792 917	10	9.898 597	16	0.101 403	9.894 320	6	629	
372	9.792 927	10	9.898 613	15	0.101 387	9.894 314	6	628	
373	9.792 937	9	9.898 628	16	0.101 372	9.894 308	6	627	
374	9.792 946	10	9.898 644	15	0.101 356	9.894 302	6	626	
375	9.792 956	9	9.898 659	16	0.101 341	9.894 296	6	625	
376	9.792 965	10	9.898 675	16	0.101 325	9.894 290	6	624	
377	9.792 975	9	9.898 691	15	0.101 309	9.894 284	6	623	
378	9.792 984	10	9.898 706	16	0.101 294	9.894 278	6	622	
379	9.792 994	10	9.898 722	15	0.101 278	9.894 272	6	621	
.380	9.793 004	9	9.898 737	16	0.101 263	9.894 266	6	.620	
381	9.793 013	10	9.898 753	15	0.101 247	9.894 260	6	619	
382	9.793 023	9	9.898 768	16	0.101 232	9.894 254	6	618	
383	9.793 032	10	9.898 784	16	0.101 216	9.894 248	6	617	
384	9.793 042	9	9.898 800	15	0.101 200	9.894 242	6	616	
385	9.793 051	10	9.898 815	16	0.101 185	9.894 236	6	615	
386	9.793 061	10	9.898 831	15	0.101 169	9.894 230	6	614	
387	9.793 071	9	9.898 846	16	0.101 154	9.894 224	6	613	
388	9.793 080	10	9.898 862	15	0.101 138	9.894 218	6	612	
389	9.793 090	9	9.898 877	16	0.101 123	9.894 212	6	611	
.390	9.793 099	10	9.898 893	16	0.101 107	9.894 206	6	.610	
391	9.793 109	9	9.898 909	15	0.101 091	9.894 200	6	609	
392	9.793 118	10	9.898 924	16	0.101 076	9.894 194	6	608	
393	9.793 128	10	9.898 940	15	0.101 060	9.894 188	6	607	
394	9.793 138	9	9.898 955	16	0.101 045	9.894 182	6	606	
395	9.793 147	10	9.898 971	15	0.101 029	9.894 176	6	605	
396	9.793 157	9	9.898 986	16	0.101 014	9.894 170	6	604	
397	9.793 166	10	9.899 002	16	0.100 998	9.894 164	6	603	
398	9.793 176	9	9.899 018	15	0.100 982	9.894 158	6	602	
399	9.793 185	10	9.899 033	16	0.100 967	9.894 152	6	601	
.400	9.793 195		9.899 049		0.100 951	9.894 146		.600	
	cos	d	cotg	d	tang	sin	d	51°	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	10	9
1	1.0	0.9
2	2.0	1.8
3	3.0	2.7
4	4.0	3.6
5	5.0	4.5
6	6.0	5.4
7	7.0	6.3
8	8.0	7.2
9	9.0	8.1

	6
1	0.6
2	1.2
3	1.8
4	2.4
5	3.0
6	3.6
7	4.2
8	4.8
9	5.4

51°.650 — 51°.600

38°.400 — 38°.450

38°	sin	d	tang	d	cotg	cos	d		P.P.
.400	9.793 195	10	9.899 049	15	0.100 951	9.894 146	6	.600	
401	9.793 205	9	9.899 064	16	0.100 936	9.894 140	6	599	
402	9.793 214	10	9.899 080	15	0.100 920	9.894 134	6	598	
403	9.793 224	9	9.899 095	16	0.100 905	9.894 128	6	597	
404	9.793 233	10	9.899 111	16	0.100 889	9.894 122	6	596	
405	9.793 243	9	9.899 127	15	0.100 873	9.894 116	6	595	
406	9.793 252	10	9.899 142	16	0.100 858	9.894 110	6	594	
407	9.793 262	9	9.899 158	15	0.100 842	9.894 104	6	593	
408	9.793 271	10	9.899 173	16	0.100 827	9.894 098	6	592	
409	9.793 281	10	9.899 189	15	0.100 811	9.894 092	6	591	
.410	9.793 291	9	9.899 204	16	0.100 796	9.894 086	6	.590	
411	9.793 300	10	9.899 220	16	0.100 780	9.894 080	6	589	
412	9.793 310	9	9.899 236	15	0.100 764	9.894 074	6	588	
413	9.793 319	10	9.899 251	16	0.100 749	9.894 068	6	587	
414	9.793 329	9	9.899 267	15	0.100 733	9.894 062	6	586	
415	9.793 338	10	9.899 282	16	0.100 718	9.894 056	6	585	
416	9.793 348	9	9.899 298	15	0.100 702	9.894 050	6	584	
417	9.793 357	10	9.899 313	16	0.100 687	9.894 044	6	583	
418	9.793 367	10	9.899 329	16	0.100 671	9.894 038	6	582	
419	9.793 377	9	9.899 345	15	0.100 655	9.894 032	6	581	
.420	9.793 386	10	9.899 360	16	0.100 640	9.894 026	6	.580	
421	9.793 396	9	9.899 376	15	0.100 624	9.894 020	6	579	
422	9.793 405	10	9.899 391	16	0.100 609	9.894 014	6	578	
423	9.793 415	9	9.899 407	15	0.100 593	9.894 008	6	577	
424	9.793 424	10	9.899 422	16	0.100 578	9.894 002	6	576	
425	9.793 434	9	9.899 438	16	0.100 562	9.893 996	6	575	
426	9.793 443	10	9.899 454	15	0.100 546	9.893 990	6	574	
427	9.793 453	10	9.899 469	16	0.100 531	9.893 984	6	573	
428	9.793 463	9	9.899 485	15	0.100 515	9.893 978	6	572	
429	9.793 472	10	9.899 500	16	0.100 500	9.893 972	6	571	
.430	9.793 482	9	9.899 516	15	0.100 484	9.893 966	6	.570	
431	9.793 491	10	9.899 531	16	0.100 469	9.893 960	6	569	
432	9.793 501	9	9.899 547	15	0.100 453	9.893 954	6	568	
433	9.793 510	10	9.899 562	16	0.100 438	9.893 948	6	567	
434	9.793 520	9	9.899 578	16	0.100 422	9.893 942	6	566	
435	9.793 529	10	9.899 594	15	0.100 406	9.893 936	6	565	
436	9.793 539	10	9.899 609	16	0.100 391	9.893 930	6	564	
437	9.793 549	9	9.899 625	15	0.100 375	9.893 924	6	563	
438	9.793 558	10	9.899 640	16	0.100 360	9.893 918	6	562	
439	9.793 568	9	9.899 656	15	0.100 344	9.893 912	6	561	
.440	9.793 577	10	9.899 671	16	0.100 329	9.893 906	6	.560	
441	9.793 587	9	9.899 687	16	0.100 313	9.893 900	6	559	
442	9.793 596	10	9.899 703	15	0.100 297	9.893 894	6	558	
443	9.793 606	9	9.899 718	16	0.100 282	9.893 888	6	557	
444	9.793 615	10	9.899 734	15	0.100 266	9.893 882	6	556	
445	9.793 625	9	9.899 749	16	0.100 251	9.893 876	6	555	
446	9.793 634	10	9.899 765	15	0.100 235	9.893 870	6	554	
447	9.793 644	10	9.899 780	16	0.100 220	9.893 864	6	553	
448	9.793 654	9	9.899 796	16	0.100 204	9.893 858	6	552	
449	9.793 663	10	9.899 812	15	0.100 188	9.893 852	6	551	
.450	9.793 673		9.899 827		0.100 173	9.893 846		.550	
	cos	d	cotg	d	tang	sin	d	51°	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	10	9
1	1.0	0.9
2	2.0	1.8
3	3.0	2.7
4	4.0	3.6
5	5.0	4.5
6	6.0	5.4
7	7.0	6.3
8	8.0	7.2
9	9.0	8.1

	6
1	0.6
2	1.2
3	1.8
4	2.4
5	3.0
6	3.6
7	4.2
8	4.8
9	5.4

51°.600 — 51°.550

38°.450 — 38°.500

38°	sin	d	tang	d	cotg	cos	d		P.P.
.450	9.793 673	9	9.899 827	16	0.100 173	9.893 846	6	**.550**	
451	9.793 682	10	9.899 843	15	0.100 157	9.893 840	6	549	
452	9.793 692	9	9.899 858	16	0.100 142	9.893 834	6	548	
453	9.793 701	10	9.899 874	15	0.100 126	9.893 828	7	547	
454	9.793 711	9	9.899 889	16	0.100 111	9.893 821	6	546	
455	9.793 720	10	9.899 905	16	0.100 095	9.893 815	6	545	
456	9.793 730	9	9.899 921	15	0.100 079	9.893 809	6	544	
457	9.793 739	10	9.899 936	16	0.100 064	9.893 803	6	543	
458	9.793 749	10	9.899 952	15	0.100 048	9.893 797	6	542	
459	9.793 759	9	9.899 967	16	0.100 033	9.893 791	6	541	
.460	9.793 768	10	9.899 983	15	0.100 017	9.893 785	6	**.540**	
461	9.793 778	9	9.899 998	16	0.100 002	9.893 779	6	539	
462	9.793 787	10	9.900 014	15	0.099 986	9.893 773	6	538	
463	9.793 797	9	9.900 029	16	0.099 971	9.893 767	6	537	
464	9.793 806	10	9.900 045	16	0.099 955	9.893 761	6	536	
465	9.793 816	9	9.900 061	15	0.099 939	9.893 755	6	535	
466	9.793 825	10	9.900 076	16	0.099 924	9.893 749	6	534	
467	9.793 835	9	9.900 092	15	0.099 908	9.893 743	6	533	
468	9.793 844	10	9.900 107	16	0.099 893	9.893 737	6	532	
469	9.793 854	10	9.900 123	15	0.099 877	9.893 731	6	531	
.470	9.793 864	9	9.900 138	16	0.099 862	9.893 725	6	**.530**	
471	9.793 873	10	9.900 154	16	0.099 846	9.893 719	6	529	
472	9.793 883	9	9.900 170	15	0.099 830	9.893 713	6	528	
473	9.793 892	10	9.900 185	16	0.099 815	9.893 707	6	527	
474	9.793 902	9	9.900 201	15	0.099 799	9.893 701	6	526	
475	9.793 911	10	9.900 216	16	0.099 784	9.893 695	6	525	
476	9.793 921	9	9.900 232	15	0.099 768	9.893 689	6	524	
477	9.793 930	10	9.900 247	16	0.099 753	9.893 683	6	523	
478	9.793 940	9	9.900 263	15	0.099 737	9.893 677	6	522	
479	9.793 949	10	9.900 278	16	0.099 722	9.893 671	6	521	
.480	9.793 959	9	9.900 294	16	0.099 706	9.893 665	6	**.520**	
481	9.793 968	10	9.900 310	15	0.099 690	9.893 659	6	519	
482	9.793 978	10	9.900 325	16	0.099 675	9.893 653	6	518	
483	9.793 988	9	9.900 341	15	0.099 659	9.893 647	6	517	
484	9.793 997	10	9.900 356	16	0.099 644	9.893 641	6	516	
485	9.794 007	9	9.900 372	15	0.099 628	9.893 635	6	515	
486	9.794 016	10	9.900 387	16	0.099 613	9.893 629	6	514	
487	9.794 026	9	9.900 403	15	0.099 597	9.893 623	6	513	
488	9.794 035	10	9.900 418	16	0.099 582	9.893 617	6	512	
489	9.794 045	9	9.900 434	16	0.099 566	9.893 611	6	511	
.490	9.794 054	10	9.900 450	15	0.099 550	9.893 605	6	**.510**	
491	9.794 064	9	9.900 465	16	0.099 535	9.893 599	6	509	
492	9.794 073	10	9.900 481	15	0.099 519	9.893 593	6	508	
493	9.794 083	9	9.900 496	16	0.099 504	9.893 587	6	507	
494	9.794 092	10	9.900 512	15	0.099 488	9.893 581	6	506	
495	9.794 102	9	9.900 527	16	0.099 473	9.893 575	7	505	
496	9.794 111	10	9.900 543	16	0.099 457	9.893 568	6	504	
497	9.794 121	10	9.900 559	15	0.099 441	9.893 562	6	503	
498	9.794 131	9	9.900 574	16	0.099 426	9.893 556	6	502	
499	9.794 140	10	9.900 590	15	0.099 410	9.893 550	6	501	
.500	9.794 150		9.900 605		0.099 395	9.893 544		**.500**	
	cos	d	cotg	d	tang	sin	d	**51°**	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	10	9
1	1.0	0.9
2	2.0	1.8
3	3.0	2.7
4	4.0	3.6
5	5.0	4.5
6	6.0	5.4
7	7.0	6.3
8	8.0	7.2
9	9.0	8.1

	7	6
1	0.7	0.6
2	1.4	1.2
3	2.1	1.8
4	2.8	2.4
5	3.5	3.0
6	4.2	3.6
7	4.9	4.2
8	5.6	4.8
9	6.3	5.4

51°.550 — 51°.500

38°.500 — 38°.550

38°	sin	d	tang	d	cotg	cos	d		P.P.
.500	9.794 150	9	9.900 605	16	0.099 395	9.893 544	6	.500	
501	9.794 159	10	9.900 621	15	0.099 379	9.893 538	6	499	
502	9.794 169	9	9.900 636	16	0.099 364	9.893 532	6	498	
503	9.794 178	10	9.900 652	15	0.099 348	9.893 526	6	497	
504	9.794 188	9	9.900 667	16	0.099 333	9.893 520	6	496	
505	9.794 197	10	9.900 683	16	0.099 317	9.893 514	6	495	
506	9.794 207	9	9.900 699	15	0.099 301	9.893 508	6	494	
507	9.794 216	10	9.900 714	16	0.099 286	9.893 502	6	493	
508	9.794 226	9	9.900 730	15	0.099 270	9.893 496	6	492	
509	9.794 235	10	9.900 745	16	0.099 255	9.893 490	6	491	
.510	9.794 245	9	9.900 761	15	0.099 239	9.893 484	6	.490	
511	9.794 254	10	9.900 776	16	0.099 224	9.893 478	6	489	
512	9.794 264	9	9.900 792	15	0.099 208	9.893 472	6	488	
513	9.794 273	10	9.900 807	16	0.099 193	9.893 466	6	487	
514	9.794 283	9	9.900 823	16	0.099 177	9.893 460	6	486	
515	9.794 292	10	9.900 839	15	0.099 161	9.893 454	6	485	
516	9.794 302	10	9.900 854	16	0.099 146	9.893 448	6	484	
517	9.794 312	9	9.900 870	15	0.099 130	9.893 442	6	483	
518	9.794 321	10	9.900 885	16	0.099 115	9.893 436	6	482	
519	9.794 331	9	9.900 901	15	0.099 099	9.893 430	6	481	
.520	9.794 340	10	9.900 916	16	0.099 084	9.893 424	6	.480	
521	9.794 350	9	9.900 932	15	0.099 068	9.893 418	6	479	
522	9.794 359	10	9.900 947	16	0.099 053	9.893 412	6	478	
523	9.794 369	9	9.900 963	16	0.099 037	9.893 406	6	477	
524	9.794 378	10	9.900 979	15	0.099 021	9.893 400	6	476	
525	9.794 388	9	9.900 994	16	0.099 006	9.893 394	6	475	
526	9.794 397	10	9.901 010	15	0.098 990	9.893 388	6	474	
527	9.794 407	9	9.901 025	16	0.098 975	9.893 382	7	473	
528	9.794 416	10	9.901 041	15	0.098 959	9.893 375	6	472	
529	9.794 426	9	9.901 056	16	0.098 944	9.893 369	6	471	
.530	9.794 435	10	9.901 072	15	0.098 928	9.893 363	6	.470	
531	9.794 445	9	9.901 087	16	0.098 913	9.893 357	6	469	
532	9.794 454	10	9.901 103	16	0.098 897	9.893 351	6	468	
533	9.794 464	9	9.901 119	15	0.098 881	9.893 345	6	467	
534	9.794 473	10	9.901 134	16	0.098 866	9.893 339	6	466	
535	9.794 483	9	9.901 150	15	0.098 850	9.893 333	6	465	
536	9.794 492	10	9.901 165	16	0.098 835	9.893 327	6	464	
537	9.794 502	9	9.901 181	15	0.098 819	9.893 321	6	463	
538	9.794 511	10	9.901 196	16	0.098 804	9.893 315	6	462	
539	9.794 521	9	9.901 212	15	0.098 788	9.893 309	6	461	
.540	9.794 530	10	9.901 227	16	0.098 773	9.893 303	6	.460	
541	9.794 540	9	9.901 243	16	0.098 757	9.893 297	6	459	
542	9.794 549	10	9.901 259	15	0.098 741	9.893 291	6	458	
543	9.794 559	10	9.901 274	16	0.098 726	9.893 285	6	457	
544	9.794 569	9	9.901 290	15	0.098 710	9.893 279	6	456	
545	9.794 578	10	9.901 305	16	0.098 695	9.893 273	6	455	
546	9.794 588	9	9.901 321	15	0.098 679	9.893 267	6	454	
547	9.794 597	10	9.901 336	16	0.098 664	9.893 261	6	453	
548	9.794 607	9	9.901 352	15	0.098 648	9.893 255	6	452	
549	9.794 616	10	9.901 367	16	0.098 633	9.893 249	6	451	
.550	9.794 626		9.901 383		0.098 617	9.893 243		.450	
	cos	d	cotg	d	tang	sin	d	51°	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	10	9
1	1.0	0.9
2	2.0	1.8
3	3.0	2.7
4	4.0	3.6
5	5.0	4.5
6	6.0	5.4
7	7.0	6.3
8	8.0	7.2
9	9.0	8.1

	7	6
1	0.7	0.6
2	1.4	1.2
3	2.1	1.8
4	2.8	2.4
5	3.5	3.0
6	4.2	3.6
7	4.9	4.2
8	5.6	4.8
9	6.3	5.4

51°.500 — 51°.450

38°.550 — 38°.600

38°	sin	d	tang	d	cotg	cos	d		P.P.
.550	9.794 626	9	9.901 383	16	0.098 617	9.893 243	6	.450	
551	9.794 635	10	9.901 399	15	0.098 601	9.893 237	6	449	
552	9.794 645	9	9.901 414	16	0.098 586	9.893 231	6	448	
553	9.794 654	10	9.901 430	15	0.098 570	9.893 225	7	447	
554	9.794 664	9	9.901 445	16	0.098 555	9.893 218	6	446	
555	9.794 673	10	9.901 461	15	0.098 539	9.893 212	6	445	
556	9.794 683	9	9.901 476	16	0.098 524	9.893 206	6	444	
557	9.794 692	10	9.901 492	15	0.098 508	9.893 200	6	443	
558	9.794 702	9	9.901 507	16	0.098 493	9.893 194	6	442	
559	9.794 711	10	9.901 523	15	0.098 477	9.893 188	6	441	
.560	9.794 721	9	9.901 538	16	0.098 462	9.893 182	6	.440	
561	9.794 730	10	9.901 554	16	0.098 446	9.893 176	6	439	
562	9.794 740	9	9.901 570	15	0.098 430	9.893 170	6	438	
563	9.794 749	10	9.901 585	16	0.098 415	9.893 164	6	437	
564	9.794 759	9	9.901 601	15	0.098 399	9.893 158	6	436	
565	9.794 768	10	9.901 616	16	0.098 384	9.893 152	6	435	
566	9.794 778	9	9.901 632	15	0.098 368	9.893 146	6	434	
567	9.794 787	10	9.901 647	16	0.098 353	9.893 140	6	433	
568	9.794 797	9	9.901 663	15	0.098 337	9.893 134	6	432	
569	9.794 806	10	9.901 678	16	0.098 322	9.893 128	6	431	
.570	9.794 816	9	9.901 694	16	0.098 306	9.893 122	6	.430	
571	9.794 825	10	9.901 710	15	0.098 290	9.893 116	6	429	
572	9.794 835	9	9.901 725	16	0.098 275	9.893 110	6	428	
573	9.794 844	10	9.901 741	15	0.098 259	9.893 104	6	427	
574	9.794 854	9	9.901 756	16	0.098 244	9.893 098	6	426	
575	9.794 863	10	9.901 772	15	0.098 228	9.893 092	6	425	
576	9.794 873	9	9.901 787	16	0.098 213	9.893 086	7	424	
577	9.794 882	10	9.901 803	15	0.098 197	9.893 079	6	423	
578	9.794 892	9	9.901 818	16	0.098 182	9.893 073	6	422	
579	9.794 901	10	9.901 834	15	0.098 166	9.893 067	6	421	
.580	9.794 911	9	9.901 849	16	0.098 151	9.893 061	6	.420	
581	9.794 920	10	9.901 865	16	0.098 135	9.893 055	6	419	
582	9.794 930	9	9.901 881	15	0.098 119	9.893 049	6	418	
583	9.794 939	10	9.901 896	16	0.098 104	9.893 043	6	417	
584	9.794 949	9	9.901 912	15	0.098 088	9.893 037	6	416	
585	9.794 958	10	9.901 927	16	0.098 073	9.893 031	6	415	
586	9.794 968	9	9.901 943	15	0.098 057	9.893 025	6	414	
587	9.794 977	10	9.901 958	16	0.098 042	9.893 019	6	413	
588	9.794 987	9	9.901 974	15	0.098 026	9.893 013	6	412	
589	9.794 996	10	9.901 989	16	0.098 011	9.893 007	6	411	
.590	9.795 006	9	9.902 005	16	0.097 995	9.893 001	6	.410	
591	9.795 015	10	9.902 021	15	0.097 979	9.892 995	6	409	
592	9.795 025	9	9.902 036	16	0.097 964	9.892 989	6	408	
593	9.795 034	10	9.902 052	15	0.097 948	9.892 983	6	407	
594	9.795 044	9	9.902 067	16	0.097 933	9.892 977	6	406	
595	9.795 053	10	9.902 083	15	0.097 917	9.892 971	6	405	
596	9.795 063	9	9.902 098	16	0.097 902	9.892 965	6	404	
597	9.795 072	10	9.902 114	15	0.097 886	9.892 959	7	403	
598	9.795 082	9	9.902 129	16	0.097 871	9.892 952	6	402	
599	9.795 091	10	9.902 145	15	0.097 855	9.892 946	6	401	
.600	9.795 101		9.902 160		0.097 840	9.892 940		.400	
	cos	d	cotg	d	tang	sin	d	51°	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	10	9
1	1.0	0.9
2	2.0	1.8
3	3.0	2.7
4	4.0	3.6
5	5.0	4.5
6	6.0	5.4
7	7.0	6.3
8	8.0	7.2
9	9.0	8.1

	7	6
1	0.7	0.6
2	1.4	1.2
3	2.1	1.8
4	2.8	2.4
5	3.5	3.0
6	4.2	3.6
7	4.9	4.2
8	5.6	4.8
9	6.3	5.4

51°.450 — 51°.400

38°.600 — 38°.650

38°	sin	d	tang	d	cotg	cos	d		P.P.
.600	9.795 101	9	9.902 160	16	0.097 840	9.892 940	6	.400	
601	9.795 110	10	9.902 176	16	0.097 824	9.892 934	6	399	
602	9.795 120	9	9.902 192	15	0.097 808	9.892 928	6	398	
603	9.795 129	10	9.902 207	16	0.097 793	9.892 922	6	397	
604	9.795 139	9	9.902 223	15	0.097 777	9.892 916	6	396	
605	9.795 148	10	9.902 238	16	0.097 762	9.892 910	6	395	
606	9.795 158	9	9.902 254	15	0.097 746	9.892 904	6	394	
607	9.795 167	10	9.902 269	16	0.097 731	9.892 898	6	393	
608	9.795 177	9	9.902 285	15	0.097 715	9.892 892	6	392	
609	9.795 186	10	9.902 300	16	0.097 700	9.892 886	6	391	
.610	9.795 196	9	9.902 316	15	0.097 684	9.892 880	6	.390	
611	9.795 205	10	9.902 331	16	0.097 669	9.892 874	6	389	
612	9.795 215	9	9.902 347	16	0.097 653	9.892 868	6	388	
613	9.795 224	10	9.902 363	15	0.097 637	9.892 862	6	387	
614	9.795 234	9	9.902 378	16	0.097 622	9.892 856	6	386	
615	9.795 243	10	9.902 394	15	0.097 606	9.892 850	6	385	
616	9.795 253	9	9.902 409	16	0.097 591	9.892 844	7	384	
617	9.795 262	10	9.902 425	15	0.097 575	9.892 837	6	383	
618	9.795 272	9	9.902 440	16	0.097 560	9.892 831	6	382	
619	9.795 281	10	9.902 456	15	0.097 544	9.892 825	6	381	
.620	9.795 291	9	9.902 471	16	0.097 529	9.892 819	6	.380	
621	9.795 300	10	9.902 487	15	0.097 513	9.892 813	6	379	
622	9.795 310	9	9.902 502	16	0.097 498	9.892 807	6	378	
623	9.795 319	10	9.902 518	15	0.097 482	9.892 801	6	377	
624	9.795 329	9	9.902 533	16	0.097 467	9.892 795	6	376	
625	9.795 338	10	9.902 549	16	0.097 451	9.892 789	6	375	
626	9.795 348	9	9.902 565	15	0.097 435	9.892 783	6	374	
627	9.795 357	10	9.902 580	16	0.097 420	9.892 777	6	373	
628	9.795 367	9	9.902 596	15	0.097 404	9.892 771	6	372	
629	9.795 376	9	9.902 611	16	0.097 389	9.892 765	6	371	
.630	9.795 385	10	9.902 627	15	0.097 373	9.892 759	6	.370	
631	9.795 395	9	9.902 642	16	0.097 358	9.892 753	6	369	
632	9.795 404	10	9.902 658	15	0.097 342	9.892 747	6	368	
633	9.795 414	9	9.902 673	16	0.097 327	9.892 741	6	367	
634	9.795 423	10	9.902 689	15	0.097 311	9.892 735	7	366	
635	9.795 433	9	9.902 704	16	0.097 296	9.892 728	6	365	
636	9.795 442	10	9.902 720	16	0.097 280	9.892 722	6	364	
637	9.795 452	9	9.902 736	15	0.097 264	9.892 716	6	363	
638	9.795 461	10	9.902 751	16	0.097 249	9.892 710	6	362	
639	9.795 471	9	9.902 767	15	0.097 233	9.892 704	6	361	
.640	9.795 480	10	9.902 782	16	0.097 218	9.892 698	6	.360	
641	9.795 490	9	9.902 798	15	0.097 202	9.892 692	6	359	
642	9.795 499	10	9.902 813	16	0.097 187	9.892 686	6	358	
643	9.795 509	9	9.902 829	15	0.097 171	9.892 680	6	357	
644	9.795 518	10	9.902 844	16	0.097 156	9.892 674	6	356	
645	9.795 528	9	9.902 860	15	0.097 140	9.892 668	6	355	
646	9.795 537	10	9.902 875	16	0.097 125	9.892 662	6	354	
647	9.795 547	9	9.902 891	15	0.097 109	9.892 656	6	353	
648	9.795 556	10	9.902 906	16	0.097 094	9.892 650	6	352	
649	9.795 566	9	9.902 922	16	0.097 078	9.892 644	6	351	
.650	9.795 575		9.902 938		0.097 062	9.892 638		.350	
	cos	d	cotg	d	tang	sin	d	51°	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	10	9
1	1.0	0.9
2	2.0	1.8
3	3.0	2.7
4	4.0	3.6
5	5.0	4.5
6	6.0	5.4
7	7.0	6.3
8	8.0	7.2
9	9.0	8.1

	7	6
1	0.7	0.6
2	1.4	1.2
3	2.1	1.8
4	2.8	2.4
5	3.5	3.0
6	4.2	3.6
7	4.9	4.2
8	5.6	4.8
9	6.3	5.4

51°.400 — 51°.350

38°.650 — 38°.700

38°	sin	d	tang	d	cotg	cos	d		P.P.
.650	9.795 575	10	9.902 938	15	0.097 062	9.892 638	7	**.350**	
651	9.795 585	9	9.902 953	16	0.097 047	9.892 631	6	349	
652	9.795 594	10	9.902 969	15	0.097 031	9.892 625	6	348	
653	9.795 604	9	9.902 984	16	0.097 016	9.892 619	6	347	
654	9.795 613	10	9.903 000	15	0.097 000	9.892 613	6	346	
655	9.795 623	9	9.903 015	16	0.096 985	9.892 607	6	345	
656	9.795 632	9	9.903 031	15	0.096 969	9.892 601	6	344	
657	9.795 641	10	9.903 046	16	0.096 954	9.892 595	6	343	
658	9.795 651	9	9.903 062	15	0.096 938	9.892 589	6	342	
659	9.795 660	10	9.903 077	16	0.096 923	9.892 583	6	341	
.660	9.795 670	9	9.903 093	16	0.096 907	9.892 577	6	**.340**	
661	9.795 679	10	9.903 109	15	0.096 891	9.892 571	6	339	
662	9.795 689	9	9.903 124	16	0.096 876	9.892 565	6	338	
663	9.795 698	10	9.903 140	15	0.096 860	9.892 559	6	337	
664	9.795 708	9	9.903 155	16	0.096 845	9.892 553	6	336	
665	9.795 717	10	9.903 171	15	0.096 829	9.892 547	6	335	
666	9.795 727	9	9.903 186	16	0.096 814	9.892 541	7	334	
667	9.795 736	10	9.903 202	15	0.096 798	9.892 534	6	333	
668	9.795 746	9	9.903 217	16	0.096 783	9.892 528	6	332	
669	9.795 755	10	9.903 233	15	0.096 767	9.892 522	6	331	
.670	9.795 765	9	9.903 248	16	0.096 752	9.892 516	6	**.330**	
671	9.795 774	10	9.903 264	15	0.096 736	9.892 510	6	329	
672	9.795 784	9	9.903 279	16	0.096 721	9.892 504	6	328	
673	9.795 793	9	9.903 295	15	0.096 705	9.892 498	6	327	
674	9.795 802	10	9.903 310	16	0.096 690	9.892 492	6	326	
675	9.795 812	9	9.903 326	16	0.096 674	9.892 486	6	325	
676	9.795 821	10	9.903 342	15	0.096 658	9.892 480	6	324	
677	9.795 831	9	9.903 357	16	0.096 643	9.892 474	6	323	
678	9.795 840	10	9.903 373	15	0.096 627	9.892 468	6	322	
679	9.795 850	9	9.903 388	16	0.096 612	9.892 462	6	321	
.680	9.795 859	10	9.903 404	15	0.096 596	9.892 456	6	**.320**	
681	9.795 869	9	9.903 419	16	0.096 581	9.892 450	7	319	
682	9.795 878	10	9.903 435	15	0.096 565	9.892 443	6	318	
683	9.795 888	9	9.903 450	16	0.096 550	9.892 437	6	317	
684	9.795 897	10	9.903 466	15	0.096 534	9.892 431	6	316	
685	9.795 907	9	9.903 481	16	0.096 519	9.892 425	6	315	
686	9.795 916	10	9.903 497	15	0.096 503	9.892 419	6	314	
687	9.795 926	9	9.903 512	16	0.096 488	9.892 413	6	313	
688	9.795 935	10	9.903 528	16	0.096 472	9.892 407	6	312	
689	9.795 945	9	9.903 544	15	0.096 456	9.892 401	6	311	
.690	9.795 954	9	9.903 559	16	0.096 441	9.892 395	6	**.310**	
691	9.795 963	10	9.903 575	15	0.096 425	9.892 389	6	309	
692	9.795 973	9	9.903 590	16	0.096 410	9.892 383	6	308	
693	9.795 982	10	9.903 606	15	0.096 394	9.892 377	6	307	
694	9.795 992	9	9.903 621	16	0.096 379	9.892 371	6	306	
695	9.796 001	10	9.903 637	15	0.096 363	9.892 365	7	305	
696	9.796 011	9	9.903 652	16	0.096 348	9.892 358	6	304	
697	9.796 020	10	9.903 668	15	0.096 332	9.892 352	6	303	
698	9.796 030	9	9.903 683	16	0.096 317	9.892 346	6	302	
699	9.796 039	10	9.903 699	15	0.096 301	9.892 340	6	301	
.700	9.796 049		9.903 714		0.096 286	9.892 334		**.300**	
	cos	d	cotg	d	tang	sin	d	**51°**	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	10	9
1	1.0	0.9
2	2.0	1.8
3	3.0	2.7
4	4.0	3.6
5	5.0	4.5
6	6.0	5.4
7	7.0	6.3
8	8.0	7.2
9	9.0	8.1

	7	6
1	0.7	0.6
2	1.4	1.2
3	2.1	1.8
4	2.8	2.4
5	3.5	3.0
6	4.2	3.6
7	4.9	4.2
8	5.6	4.8
9	6.3	5.4

51°.350 — 51°.300

38°.700 — 38°.750

38°	sin	d	tang	d	cotg	cos	d		P.P.
.700	9.796 049	9	9.903 714	16	0.096 286	9.892 334	6	.300	
701	9.796 058	10	9.903 730	15	0.096 270	9.892 328	6	299	
702	9.796 068	9	9.903 745	16	0.096 255	9.892 322	6	298	
703	9.796 077	9	9.903 761	16	0.096 239	9.892 316	6	297	
704	9.796 086	10	9.903 777	15	0.096 223	9.892 310	6	296	
705	9.796 096	9	9.903 792	16	0.096 208	9.892 304	6	295	
706	9.796 105	10	9.903 808	15	0.096 192	9.892 298	6	294	
707	9.796 115	9	9.903 823	16	0.096 177	9.892 292	6	293	
708	9.796 124	10	9.903 839	15	0.096 161	9.892 286	6	292	
709	9.796 134	9	9.903 854	16	0.096 146	9.892 280	6	291	
.710	9.796 143	10	9.903 870	15	0.096 130	9.892 273	7	.290	
711	9.796 153	9	9.903 885	16	0.096 115	9.892 267	6	289	
712	9.796 162	10	9.903 901	15	0.096 099	9.892 261	6	288	
713	9.796 172	9	9.903 916	16	0.096 084	9.892 255	6	287	
714	9.796 181	9	9.903 932	15	0.096 068	9.892 249	6	286	
715	9.796 190	10	9.903 947	16	0.096 053	9.892 243	6	285	
716	9.796 200	9	9.903 963	15	0.096 037	9.892 237	6	284	
717	9.796 209	10	9.903 978	16	0.096 022	9.892 231	6	283	
718	9.796 219	9	9.903 994	16	0.096 006	9.892 225	6	282	
719	9.796 228	10	9.904 010	15	0.095 990	9.892 219	6	281	
.720	9.796 238	9	9.904 025	16	0.095 975	9.892 213	6	.280	
721	9.796 247	10	9.904 041	15	0.095 959	9.892 207	6	279	
722	9.796 257	9	9.904 056	16	0.095 944	9.892 201	7	278	
723	9.796 266	10	9.904 072	15	0.095 928	9.892 194	6	277	
724	9.796 276	9	9.904 087	16	0.095 913	9.892 188	6	276	
725	9.796 285	9	9.904 103	15	0.095 897	9.892 182	6	275	
726	9.796 294	10	9.904 118	16	0.095 882	9.892 176	6	274	
727	9.796 304	9	9.904 134	15	0.095 866	9.892 170	6	273	
728	9.796 313	10	9.904 149	16	0.095 851	9.892 164	6	272	
729	9.796 323	9	9.904 165	15	0.095 835	9.892 158	6	271	
.730	9.796 332	10	9.904 180	16	0.095 820	9.892 152	6	.270	
731	9.796 342	9	9.904 196	15	0.095 804	9.892 146	6	269	
732	9.796 351	10	9.904 211	16	0.095 789	9.892 140	6	268	
733	9.796 361	9	9.904 227	15	0.095 773	9.892 134	6	267	
734	9.796 370	10	9.904 242	16	0.095 758	9.892 128	6	266	
735	9.796 380	9	9.904 258	16	0.095 742	9.892 122	7	265	
736	9.796 389	9	9.904 274	15	0.095 726	9.892 115	6	264	
737	9.796 398	10	9.904 289	16	0.095 711	9.892 109	6	263	
738	9.796 408	9	9.904 305	15	0.095 695	9.892 103	6	262	
739	9.796 417	10	9.904 320	16	0.095 680	9.892 097	6	261	
.740	9.796 427	9	9.904 336	15	0.095 664	9.892 091	6	.260	
741	9.796 436	10	9.904 351	16	0.095 649	9.892 085	6	259	
742	9.796 446	9	9.904 367	15	0.095 633	9.892 079	6	258	
743	9.796 455	10	9.904 382	16	0.095 618	9.892 073	6	257	
744	9.796 465	9	9.904 398	15	0.095 602	9.892 067	6	256	
745	9.796 474	9	9.904 413	16	0.095 587	9.892 061	6	255	
746	9.796 483	10	9.904 429	15	0.095 571	9.892 055	6	254	
747	9.796 493	9	9.904 444	16	0.095 556	9.892 049	7	253	
748	9.796 502	10	9.904 460	15	0.095 540	9.892 042	6	252	
749	9.796 512	9	9.904 475	16	0.095 525	9.892 036	6	251	
.750	9.796 521		9.904 491		0.095 509	9.892 030		.250	
	cos	d	cotg	d	tang	sin	d	51°	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	10	9
1	1.0	0.9
2	2.0	1.8
3	3.0	2.7
4	4.0	3.6
5	5.0	4.5
6	6.0	5.4
7	7.0	6.3
8	8.0	7.2
9	9.0	8.1

	7	6
1	0.7	0.6
2	1.4	1.2
3	2.1	1.8
4	2.8	2.4
5	3.5	3.0
6	4.2	3.6
7	4.9	4.2
8	5.6	4.8
9	6.3	5.4

51°.300 — 51°.250

38°.750 — 38°.800

38°	sin	d	tang	d	cotg	cos	d		P.P.
.750	9.796 521	10	9.904 491	15	0.095 509	9.892 030	6	**.250**	
751	9.796 531	9	9.904 506	16	0.095 494	9.892 024	6	249	
752	9.796 540	10	9.904 522	16	0.095 478	9.892 018	6	248	
753	9.796 550	9	9.904 538	15	0.095 462	9.892 012	6	247	
754	9.796 559	9	9.904 553	16	0.095 447	9.892 006	6	246	
755	9.796 568	10	9.904 569	15	0.095 431	9.892 000	6	245	
756	9.796 578	9	9.904 584	16	0.095 416	9.891 994	6	244	
757	9.796 587	10	9.904 600	15	0.095 400	9.891 988	6	243	
758	9.796 597	9	9.904 615	16	0.095 385	9.891 982	6	242	
759	9.796 606	10	9.904 631	15	0.095 369	9.891 976	7	241	
.760	9.796 616	9	9.904 646	16	0.095 354	9.891 969	6	**.240**	
761	9.796 625	10	9.904 662	15	0.095 338	9.891 963	6	239	
762	9.796 635	9	9.904 677	16	0.095 323	9.891 957	6	238	
763	9.796 644	9	9.904 693	15	0.095 307	9.891 951	6	237	
764	9.796 653	10	9.904 708	16	0.095 292	9.891 945	6	236	
765	9.796 663	9	9.904 724	15	0.095 276	9.891 939	6	235	
766	9.796 672	10	9.904 739	16	0.095 261	9.891 933	6	234	
767	9.796 682	9	9.904 755	15	0.095 245	9.891 927	6	233	
768	9.796 691	10	9.904 770	16	0.095 230	9.891 921	6	232	
769	9.796 701	9	9.904 786	15	0.095 214	9.891 915	6	231	
.770	9.796 710	9	9.904 801	16	0.095 199	9.891 909	7	**.230**	
771	9.796 719	10	9.904 817	16	0.095 183	9.891 902	6	229	
772	9.796 729	9	9.904 833	15	0.095 167	9.891 896	6	228	
773	9.796 738	10	9.904 848	16	0.095 152	9.891 890	6	227	
774	9.796 748	9	9.904 864	15	0.095 136	9.891 884	6	226	
775	9.796 757	10	9.904 879	16	0.095 121	9.891 878	6	225	
776	9.796 767	9	9.904 895	15	0.095 105	9.891 872	6	224	
777	9.796 776	10	9.904 910	16	0.095 090	9.891 866	6	223	
778	9.796 786	9	9.904 926	15	0.095 074	9.891 860	6	222	
779	9.796 795	9	9.904 941	16	0.095 059	9.891 854	6	221	
.780	9.796 804	10	9.904 957	15	0.095 043	9.891 848	6	**.220**	
781	9.796 814	9	9.904 972	16	0.095 028	9.891 842	7	219	
782	9.796 823	10	9.904 988	15	0.095 012	9.891 835	6	218	
783	9.796 833	9	9.905 003	16	0.094 997	9.891 829	6	217	
784	9.796 842	10	9.905 019	15	0.094 981	9.891 823	6	216	
785	9.796 852	9	9.905 034	16	0.094 966	9.891 817	6	215	
786	9.796 861	9	9.905 050	15	0.094 950	9.891 811	6	214	
787	9.796 870	10	9.905 065	16	0.094 935	9.891 805	6	213	
788	9.796 880	9	9.905 081	15	0.094 919	9.891 799	6	212	
789	9.796 889	10	9.905 096	16	0.094 904	9.891 793	6	211	
.790	9.796 899	9	9.905 112	15	0.094 888	9.891 787	6	**.210**	
791	9.796 908	10	9.905 127	16	0.094 873	9.891 781	6	209	
792	9.796 918	9	9.905 143	16	0.094 857	9.891 775	7	208	
793	9.796 927	9	9.905 159	15	0.094 841	9.891 768	6	207	
794	9.796 936	10	9.905 174	16	0.094 826	9.891 762	6	206	
795	9.796 946	9	9.905 190	15	0.094 810	9.891 756	6	205	
796	9.796 955	10	9.905 205	16	0.094 795	9.891 750	6	204	
797	9.796 965	9	9.905 221	15	0.094 779	9.891 744	6	203	
798	9.796 974	10	9.905 236	16	0.094 764	9.891 738	6	202	
799	9.796 984	9	9.905 252	15	0.094 748	9.891 732	6	201	
.800	9.796 993		9.905 267		0.094 733	9.891 726		**.200**	
	cos	d	cotg	d	tang	sin	d	**51°**	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	10	9
1	1.0	0.9
2	2.0	1.8
3	3.0	2.7
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5	5.0	4.5
6	6.0	5.4
7	7.0	6.3
8	8.0	7.2
9	9.0	8.1

	7	6
1	0.7	0.6
2	1.4	1.2
3	2.1	1.8
4	2.8	2.4
5	3.5	3.0
6	4.2	3.6
7	4.9	4.2
8	5.6	4.8
9	6.3	5.4

51°.250 — 51°.200

38°.800 — 38°.850

38°	sin	d	tang	d	cotg	cos	d		P.P.
.800	9.796 993	9	9.905 267	16	0.094 733	9.891 726	6	.200	
801	9.797 002	10	9.905 283	15	0.094 717	9.891 720	6	199	
802	9.797 012	9	9.905 298	16	0.094 702	9.891 714	6	198	
803	9.797 021	10	9.905 314	15	0.094 686	9.891 708	7	197	
804	9.797 031	9	9.905 329	16	0.094 671	9.891 701	6	196	
805	9.797 040	10	9.905 345	15	0.094 655	9.891 695	6	195	
806	9.797 050	9	9.905 360	16	0.094 640	9.891 689	6	194	
807	9.797 059	9	9.905 376	15	0.094 624	9.891 683	6	193	
808	9.797 068	10	9.905 391	16	0.094 609	9.891 677	6	192	
809	9.797 078	9	9.905 407	15	0.094 593	9.891 671	6	191	
.810	9.797 087	10	9.905 422	16	0.094 578	9.891 665	6	.190	
811	9.797 097	9	9.905 438	15	0.094 562	9.891 659	6	189	
812	9.797 106	10	9.905 453	16	0.094 547	9.891 653	6	188	
813	9.797 116	9	9.905 469	15	0.094 531	9.891 647	7	187	
814	9.797 125	9	9.905 484	16	0.094 516	9.891 640	6	186	
815	9.797 134	10	9.905 500	16	0.094 500	9.891 634	6	185	
816	9.797 144	9	9.905 516	15	0.094 484	9.891 628	6	184	
817	9.797 153	10	9.905 531	16	0.094 469	9.891 622	6	183	
818	9.797 163	9	9.905 547	15	0.094 453	9.891 616	6	182	
819	9.797 172	10	9.905 562	16	0.094 438	9.891 610	6	181	
.820	9.797 182	9	9.905 578	15	0.094 422	9.891 604	6	.180	
821	9.797 191	9	9.905 593	16	0.094 407	9.891 598	6	179	
822	9.797 200	10	9.905 609	15	0.094 391	9.891 592	6	178	
823	9.797 210	9	9.905 624	16	0.094 376	9.891 586	6	177	
824	9.797 219	10	9.905 640	15	0.094 360	9.891 580	7	176	
825	9.797 229	9	9.905 655	16	0.094 345	9.891 573	6	175	
826	9.797 238	9	9.905 671	15	0.094 329	9.891 567	6	174	
827	9.797 247	10	9.905 686	16	0.094 314	9.891 561	6	173	
828	9.797 257	9	9.905 702	15	0.094 298	9.891 555	6	172	
829	9.797 266	10	9.905 717	16	0.094 283	9.891 549	6	171	
.830	9.797 276	9	9.905 733	15	0.094 267	9.891 543	6	.170	
831	9.797 285	10	9.905 748	16	0.094 252	9.891 537	6	169	
832	9.797 295	9	9.905 764	15	0.094 236	9.891 531	6	168	
833	9.797 304	9	9.905 779	16	0.094 221	9.891 525	7	167	
834	9.797 313	10	9.905 795	15	0.094 205	9.891 518	6	166	
835	9.797 323	9	9.905 810	16	0.094 190	9.891 512	6	165	
836	9.797 332	10	9.905 826	15	0.094 174	9.891 506	6	164	
837	9.797 342	9	9.905 841	16	0.094 159	9.891 500	6	163	
838	9.797 351	9	9.905 857	15	0.094 143	9.891 494	6	162	
839	9.797 360	10	9.905 872	16	0.094 128	9.891 488	6	161	
.840	9.797 370	9	9.905 888	15	0.094 112	9.891 482	6	.160	
841	9.797 379	10	9.905 903	16	0.094 097	9.891 476	6	159	
842	9.797 389	9	9.905 919	16	0.094 081	9.891 470	6	158	
843	9.797 398	10	9.905 935	15	0.094 065	9.891 464	7	157	
844	9.797 408	9	9.905 950	16	0.094 050	9.891 457	6	156	
845	9.797 417	9	9.905 966	15	0.094 034	9.891 451	6	155	
846	9.797 426	10	9.905 981	16	0.094 019	9.891 445	6	154	
847	9.797 436	9	9.905 997	15	0.094 003	9.891 439	6	153	
848	9.797 445	10	9.906 012	16	0.093 988	9.891 433	6	152	
849	9.797 455	9	9.906 028	15	0.093 972	9.891 427	6	151	
.850	9.797 464		9.906 043		0.093 957	9.891 421		.150	
	cos	d	cotg	d	tang	sin	d	51°	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
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7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

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1	1.0	0.9
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3	3.0	2.7
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5	5.0	4.5
6	6.0	5.4
7	7.0	6.3
8	8.0	7.2
9	9.0	8.1

	7	6
1	0.7	0.6
2	1.4	1.2
3	2.1	1.8
4	2.8	2.4
5	3.5	3.0
6	4.2	3.6
7	4.9	4.2
8	5.6	4.8
9	6.3	5.4

51°.200 — 51°.150

38°.850 — 38°.900

38°	sin	d	tang	d	cotg	cos	d		P.P.
.850	9.797 464	9	9.906 043	16	0.093 957	9.891 421	6	**.150**	
851	9.797 473	10	9.906 059	15	0.093 941	9.891 415	6	149	
852	9.797 483	9	9.906 074	16	0.093 926	9.891 409	6	148	
853	9.797 492	10	9.906 090	15	0.093 910	9.891 403	7	147	
854	9.797 502	9	9.906 105	16	0.093 895	9.891 396	6	146	
855	9.797 511	9	9.906 121	15	0.093 879	9.891 390	6	145	
856	9.797 520	10	9.906 136	16	0.093 864	9.891 384	6	144	
857	9.797 530	9	9.906 152	15	0.093 848	9.891 378	6	143	
858	9.797 539	10	9.906 167	16	0.093 833	9.891 372	6	142	
859	9.797 549	9	9.906 183	15	0.093 817	9.891 366	6	141	
.860	9.797 558	9	9.906 198	16	0.093 802	9.891 360	6	**.140**	
861	9.797 567	10	9.906 214	15	0.093 786	9.891 354	6	139	
862	9.797 577	9	9.906 229	16	0.093 771	9.891 348	7	138	
863	9.797 586	10	9.906 245	15	0.093 755	9.891 341	6	137	
864	9.797 596	9	9.906 260	16	0.093 740	9.891 335	6	136	
865	9.797 605	10	9.906 276	15	0.093 724	9.891 329	6	135	
866	9.797 615	9	9.906 291	16	0.093 709	9.891 323	6	134	
867	9.797 624	9	9.906 307	15	0.093 693	9.891 317	6	133	
868	9.797 633	10	9.906 322	16	0.093 678	9.891 311	6	132	
869	9.797 643	9	9.906 338	15	0.093 662	9.891 305	6	131	
.870	9.797 652	10	9.906 353	16	0.093 647	9.891 299	6	**.130**	
871	9.797 662	9	9.906 369	15	0.093 631	9.891 293	7	129	
872	9.797 671	9	9.906 384	16	0.093 616	9.891 286	6	128	
873	9.797 680	10	9.906 400	15	0.093 600	9.891 280	6	127	
874	9.797 690	9	9.906 415	16	0.093 585	9.891 274	6	126	
875	9.797 699	10	9.906 431	16	0.093 569	9.891 268	6	125	
876	9.797 709	9	9.906 447	15	0.093 553	9.891 262	6	124	
877	9.797 718	9	9.906 462	16	0.093 538	9.891 256	6	123	
878	9.797 727	10	9.906 478	15	0.093 522	9.891 250	6	122	
879	9.797 737	9	9.906 493	16	0.093 507	9.891 244	6	121	
.880	9.797 746	10	9.906 509	15	0.093 491	9.891 238	7	**.120**	
881	9.797 756	9	9.906 524	16	0.093 476	9.891 231	6	119	
882	9.797 765	9	9.906 540	15	0.093 460	9.891 225	6	118	
883	9.797 774	10	9.906 555	16	0.093 445	9.891 219	6	117	
884	9.797 784	9	9.906 571	15	0.093 429	9.891 213	6	116	
885	9.797 793	10	9.906 586	16	0.093 414	9.891 207	6	115	
886	9.797 803	9	9.906 602	15	0.093 398	9.891 201	6	114	
887	9.797 812	9	9.906 617	16	0.093 383	9.891 195	6	113	
888	9.797 821	10	9.906 633	15	0.093 367	9.891 189	6	112	
889	9.797 831	9	9.906 648	16	0.093 352	9.891 183	7	111	
.890	9.797 840	10	9.906 664	15	0.093 336	9.891 176	6	**.110**	
891	9.797 850	9	9.906 679	16	0.093 321	9.891 170	6	109	
892	9.797 859	9	9.906 695	15	0.093 305	9.891 164	6	108	
893	9.797 868	10	9.906 710	16	0.093 290	9.891 158	6	107	
894	9.797 878	9	9.906 726	15	0.093 274	9.891 152	6	106	
895	9.797 887	10	9.906 741	16	0.093 259	9.891 146	6	105	
896	9.797 897	9	9.906 757	15	0.093 243	9.891 140	6	104	
897	9.797 906	9	9.906 772	16	0.093 228	9.891 134	6	103	
898	9.797 915	10	9.906 788	15	0.093 212	9.891 128	7	102	
899	9.797 925	9	9.906 803	16	0.093 197	9.891 121	6	101	
.900	9.797 934		9.906 819		0.093 181	9.891 115		**.100**	
	cos	d	cotg	d	tang	sin	d	**51°**	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
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7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	10	9
1	1.0	0.9
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5	5.0	4.5
6	6.0	5.4
7	7.0	6.3
8	8.0	7.2
9	9.0	8.1

	7	6
1	0.7	0.6
2	1.4	1.2
3	2.1	1.8
4	2.8	2.4
5	3.5	3.0
6	4.2	3.6
7	4.9	4.2
8	5.6	4.8
9	6.3	5.4

51°.150 — 51°.100

38°.900 — 38°.950

38°	sin	d	tang	d	cotg	cos	d		P.P.
.900	9.797 934	9	9.906 819	15	0.093 181	9.891 115	6	**.100**	
901	9.797 943	10	9.906 834	16	0.093 166	9.891 109	6	099	
902	9.797 953	9	9.906 850	15	0.093 150	9.891 103	6	098	
903	9.797 962	10	9.906 865	16	0.093 135	9.891 097	6	097	
904	9.797 972	9	9.906 881	15	0.093 119	9.891 091	6	096	
905	9.797 981	9	9.906 896	16	0.093 104	9.891 085	6	095	
906	9.797 990	10	9.906 912	15	0.093 088	9.891 079	7	094	
907	9.798 000	9	9.906 927	16	0.093 073	9.891 072	6	093	
908	9.798 009	10	9.906 943	15	0.093 057	9.891 066	6	092	
909	9.798 019	9	9.906 958	16	0.093 042	9.891 060	6	091	
.910	9.798 028	9	9.906 974	15	0.093 026	9.891 054	6	**.090**	
911	9.798 037	10	9.906 989	16	0.093 011	9.891 048	6	089	
912	9.798 047	9	9.907 005	15	0.092 995	9.891 042	6	088	
913	9.798 056	10	9.907 020	16	0.092 980	9.891 036	6	087	
914	9.798 066	9	9.907 036	15	0.092 964	9.891 030	6	086	
915	9.798 075	9	9.907 051	16	0.092 949	9.891 024	7	085	
916	9.798 084	10	9.907 067	15	0.092 933	9.891 017	6	084	
917	9.798 094	9	9.907 082	16	0.092 918	9.891 011	6	083	
918	9.798 103	10	9.907 098	15	0.092 902	9.891 005	6	082	
919	9.798 113	9	9.907 113	16	0.092 887	9.890 999	6	081	
.920	9.798 122	9	9.907 129	15	0.092 871	9.890 993	6	**.080**	
921	9.798 131	10	9.907 144	16	0.092 856	9.890 987	6	079	
922	9.798 141	9	9.907 160	15	0.092 840	9.890 981	6	078	
923	9.798 150	9	9.907 175	16	0.092 825	9.890 975	7	077	
924	9.798 159	10	9.907 191	16	0.092 809	9.890 968	6	076	
925	9.798 169	9	9.907 207	15	0.092 793	9.890 962	6	075	
926	9.798 178	10	9.907 222	16	0.092 778	9.890 956	6	074	
927	9.798 188	9	9.907 238	15	0.092 762	9.890 950	6	073	
928	9.798 197	9	9.907 253	16	0.092 747	9.890 944	6	072	
929	9.798 206	10	9.907 269	15	0.092 731	9.890 938	6	071	
.930	9.798 216	9	9.907 284	16	0.092 716	9.890 932	6	**.070**	
931	9.798 225	10	9.907 300	15	0.092 700	9.890 926	7	069	
932	9.798 235	9	9.907 315	16	0.092 685	9.890 919	6	068	
933	9.798 244	9	9.907 331	15	0.092 669	9.890 913	6	067	
934	9.798 253	10	9.907 346	16	0.092 654	9.890 907	6	066	
935	9.798 263	9	9.907 362	15	0.092 638	9.890 901	6	065	
936	9.798 272	9	9.907 377	16	0.092 623	9.890 895	6	064	
937	9.798 281	10	9.907 393	15	0.092 607	9.890 889	6	063	
938	9.798 291	9	9.907 408	16	0.092 592	9.890 883	6	062	
939	9.798 300	10	9.907 424	15	0.092 576	9.890 877	7	061	
.940	9.798 310	9	9.907 439	16	0.092 561	9.890 870	6	**.060**	
941	9.798 319	9	9.907 455	15	0.092 545	9.890 864	6	059	
942	9.798 328	10	9.907 470	16	0.092 530	9.890 858	6	058	
943	9.798 338	9	9.907 486	15	0.092 514	9.890 852	6	057	
944	9.798 347	9	9.907 501	16	0.092 499	9.890 846	6	056	
945	9.798 356	10	9.907 517	15	0.092 483	9.890 840	6	055	
946	9.798 366	9	9.907 532	16	0.092 468	9.890 834	6	054	
947	9.798 375	10	9.907 548	15	0.092 452	9.890 828	7	053	
948	9.798 385	9	9.907 563	16	0.092 437	9.890 821	6	052	
949	9.798 394	9	9.907 579	15	0.092 421	9.890 815	6	051	
.950	9.798 403		9.907 594		0.092 406	9.890 809		**.050**	
	cos	d	cotg	d	tang	sin	d	**51°**	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
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7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	10	9
1	1.0	0.9
2	2.0	1.8
3	3.0	2.7
4	4.0	3.6
5	5.0	4.5
6	6.0	5.4
7	7.0	6.3
8	8.0	7.2
9	9.0	8.1

	7	6
1	0.7	0.6
2	1.4	1.2
3	2.1	1.8
4	2.8	2.4
5	3.5	3.0
6	4.2	3.6
7	4.9	4.2
8	5.6	4.8
9	6.3	5.4

51°.100 — 51°.050

38°.950 — 39°.000

38°	sin	d	tang	d	cotg	cos	d		P.P.
.950	9.798 403	10	9.907 594	16	0.092 406	9.890 809	6	**.050**	
951	9.798 413	9	9.907 610	15	0.092 390	9.890 803	6	049	
952	9.798 422	9	9.907 625	16	0.092 375	9.890 797	6	048	
953	9.798 431	10	9.907 641	15	0.092 359	9.890 791	6	047	
954	9.798 441	9	9.907 656	16	0.092 344	9.890 785	6	046	
955	9.798 450	10	9.907 672	15	0.092 328	9.890 779	7	045	
956	9.798 460	9	9.907 687	16	0.092 313	9.890 772	6	044	
957	9.798 469	9	9.907 703	15	0.092 297	9.890 766	6	043	
958	9.798 478	10	9.907 718	16	0.092 282	9.890 760	6	042	
959	9.798 488	9	9.907 734	15	0.092 266	9.890 754	6	041	
.960	9.798 497	9	9.907 749	16	0.092 251	9.890 748	6	**.040**	
961	9.798 506	10	9.907 765	15	0.092 235	9.890 742	6	039	
962	9.798 516	9	9.907 780	16	0.092 220	9.890 736	6	038	
963	9.798 525	10	9.907 796	15	0.092 204	9.890 730	7	037	
964	9.798 535	9	9.907 811	16	0.092 189	9.890 723	6	036	
965	9.798 544	9	9.907 827	15	0.092 173	9.890 717	6	035	
966	9.798 553	10	9.907 842	16	0.092 158	9.890 711	6	034	
967	9.798 563	9	9.907 858	15	0.092 142	9.890 705	6	033	
968	9.798 572	9	9.907 873	16	0.092 127	9.890 699	6	032	
969	9.798 581	10	9.907 889	15	0.092 111	9.890 693	6	031	
.970	9.798 591	9	9.907 904	16	0.092 096	9.890 687	6	**.030**	
971	9.798 600	10	9.907 920	15	0.092 080	9.890 681	7	029	
972	9.798 610	9	9.907 935	16	0.092 065	9.890 674	6	028	
973	9.798 619	9	9.907 951	15	0.092 049	9.890 668	6	027	
974	9.798 628	10	9.907 966	16	0.092 034	9.890 662	6	026	
975	9.798 638	9	9.907 982	15	0.092 018	9.890 656	6	025	
976	9.798 647	9	9.907 997	16	0.092 003	9.890 650	6	024	
977	9.798 656	10	9.908 013	15	0.091 987	9.890 644	6	023	
978	9.798 666	9	9.908 028	16	0.091 972	9.890 638	7	022	
979	9.798 675	10	9.908 044	15	0.091 956	9.890 631	6	021	
.980	9.798 685	9	9.908 059	16	0.091 941	9.890 625	6	**.020**	
981	9.798 694	9	9.908 075	15	0.091 925	9.890 619	6	019	
982	9.798 703	10	9.908 090	16	0.091 910	9.890 613	6	018	
983	9.798 713	9	9.908 106	15	0.091 894	9.890 607	6	017	
984	9.798 722	9	9.908 121	16	0.091 879	9.890 601	6	016	
985	9.798 731	10	9.908 137	15	0.091 863	9.890 595	6	015	
986	9.798 741	9	9.908 152	16	0.091 848	9.890 589	7	014	
987	9.798 750	9	9.908 168	15	0.091 832	9.890 582	6	013	
988	9.798 759	10	9.908 183	16	0.091 817	9.890 576	6	012	
989	9.798 769	9	9.908 199	15	0.091 801	9.890 570	6	011	
.990	9.798 778	10	9.908 214	16	0.091 786	9.890 564	6	**.010**	
991	9.798 788	9	9.908 230	15	0.091 770	9.890 558	6	009	
992	9.798 797	9	9.908 245	16	0.091 755	9.890 552	6	008	
993	9.798 806	10	9.908 261	15	0.091 739	9.890 546	7	007	
994	9.798 816	9	9.908 276	16	0.091 724	9.890 539	6	006	
995	9.798 825	9	9.908 292	15	0.091 708	9.890 533	6	005	
996	9.798 834	10	9.908 307	16	0.091 693	9.890 527	6	004	
997	9.798 844	9	9.908 323	15	0.091 677	9.890 521	6	003	
998	9.798 853	9	9.908 338	16	0.091 662	9.890 515	6	002	
999	9.798 862	10	9.908 354	15	0.091 646	9.890 509	6	001	
*000	9.798 872		9.908 369		0.091 631	9.890 503		**.000**	
	cos	d	cotg	d	tang	sin	d	**51°**	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	10	9
1	1.0	0.9
2	2.0	1.8
3	3.0	2.7
4	4.0	3.6
5	5.0	4.5
6	6.0	5.4
7	7.0	6.3
8	8.0	7.2
9	9.0	8.1

	7	6
1	0.7	0.6
2	1.4	1.2
3	2.1	1.8
4	2.8	2.4
5	3.5	3.0
6	4.2	3.6
7	4.9	4.2
8	5.6	4.8
9	6.3	5.4

51°.050 — 51°.000

39°.000 — 39°.050

39°	sin	d	tang	d	cotg	cos	d		P.P.
.000	9.798 872		9.908 369		0.091 631	9.890 503		***000**	
		9		16			7		
001	9.798 881		9.908 385		0.091 615	9.890 496		999	
		10		15			6		
002	9.798 891		9.908 400		0.091 600	9.890 490		998	
		9		16			6		
003	9.798 900		9.908 416		0.091 584	9.890 484		997	
		9		15			6		
004	9.798 909		9.908 431		0.091 569	9.890 478		996	
		10		16			6		
005	9.798 919		9.908 447		0.091 553	9.890 472		995	
		9		15			6		
006	9.798 928		9.908 462		0.091 538	9.890 466		994	
		9		16			6		
007	9.798 937		9.908 478		0.091 522	9.890 460		993	
		10		15			7		
008	9.798 947		9.908 493		0.091 507	9.890 453		992	
		9		16			6		
009	9.798 956		9.908 509		0.091 491	9.890 447		991	
		9		15			6		
.010	9.798 965		9.908 524		0.091 476	9.890 441		**.990**	
		10		16			6		
011	9.798 975		9.908 540		0.091 460	9.890 435		989	
		9		15			6		
012	9.798 984		9.908 555		0.091 445	9.890 429		988	
		9		16			6		
013	9.798 993		9.908 571		0.091 429	9.890 423		987	
		10		15			6		
014	9.799 003		9.908 586		0.091 414	9.890 417		986	
		9		16			7		
015	9.799 012		9.908 602		0.091 398	9.890 410		985	
		10		15			6		
016	9.799 022		9.908 617		0.091 383	9.890 404		984	
		9		16			6		
017	9.799 031		9.908 633		0.091 367	9.890 398		983	
		9		15			6		
018	9.799 040		9.908 648		0.091 352	9.890 392		982	
		10		16			6		
019	9.799 050		9.908 664		0.091 336	9.890 386		981	
		9		15			6		
.020	9.799 059		9.908 679		0.091 321	9.890 380		**.980**	
		9		16			6		
021	9.799 068		9.908 695		0.091 305	9.890 374		979	
		10		15			6		
022	9.799 078		9.908 710		0.091 290	9.890 368		978	
		9		16			7		
023	9.799 087		9.908 726		0.091 274	9.890 361		977	
		9		15			6		
024	9.799 096		9.908 741		0.091 259	9.890 355		976	
		10		16			6		
025	9.799 106		9.908 757		0.091 243	9.890 349		975	
		9		15			6		
026	9.799 115		9.908 772		0.091 228	9.890 343		974	
		9		16			6		
027	9.799 124		9.908 788		0.091 212	9.890 337		973	
		10		15			6		
028	9.799 134		9.908 803		0.091 197	9.890 331		972	
		9		16			7		
029	9.799 143		9.908 819		0.091 181	9.890 324		971	
		9		15			6		
.030	9.799 152		9.908 834		0.091 166	9.890 318		**.970**	
		10		16			6		
031	9.799 162		9.908 850		0.091 150	9.890 312		969	
		9		15			6		
032	9.799 171		9.908 865		0.091 135	9.890 306		968	
		10		16			6		
033	9.799 181		9.908 881		0.091 119	9.890 300		967	
		9		15			6		
034	9.799 190		9.908 896		0.091 104	9.890 294		966	
		9		16			6		
035	9.799 199		9.908 912		0.091 088	9.890 288		965	
		10		15			7		
036	9.799 209		9.908 927		0.091 073	9.890 281		964	
		9		16			6		
037	9.799 218		9.908 943		0.091 057	9.890 275		963	
		9		15			6		
038	9.799 227		9.908 958		0.091 042	9.890 269		962	
		10		16			6		
039	9.799 237		9.908 974		0.091 026	9.890 263		961	
		9		15			6		
.040	9.799 246		9.908 989		0.091 011	9.890 257		**.960**	
		9		16			6		
041	9.799 255		9.909 005		0.090 995	9.890 251		959	
		10		15			6		
042	9.799 265		9.909 020		0.090 980	9.890 245		958	
		9		16			7		
043	9.799 274		9.909 036		0.090 964	9.890 238		957	
		9		15			6		
044	9.799 283		9.909 051		0.090 949	9.890 232		956	
		10		16			6		
045	9.799 293		9.909 067		0.090 933	9.890 226		955	
		9		15			6		
046	9.799 302		9.909 082		0.090 918	9.890 220		954	
		9		16			6		
047	9.799 311		9.909 098		0.090 902	9.890 214		953	
		10		15			6		
048	9.799 321		9.909 113		0.090 887	9.890 208		952	
		9		15			6		
049	9.799 330		9.909 128		0.090 872	9.890 202		951	
		9		16			7		
.050	9.799 339		9.909 144		0.090 856	9.890 195		**.950**	
	cos	d	cotg	d	tang	sin	d	**50°**	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	10	9
1	1.0	0.9
2	2.0	1.8
3	3.0	2.7
4	4.0	3.6
5	5.0	4.5
6	6.0	5.4
7	7.0	6.3
8	8.0	7.2
9	9.0	8.1

	7	6
1	0.7	0.6
2	1.4	1.2
3	2.1	1.8
4	2.8	2.4
5	3.5	3.0
6	4.2	3.6
7	4.9	4.2
8	5.6	4.8
9	6.3	5.4

51°.000 — 50°.950

39°.050 — 39°.100

39°	sin	d	tang	d	cotg	cos	d		P.P.
.050	9.799 339	10	9.909 144	15	0.090 856	9.890 195	6	**.950**	
051	9.799 349	9	9.909 159	16	0.090 841	9.890 189	6	949	
052	9.799 358	9	9.909 175	15	0.090 825	9.890 183	6	948	
053	9.799 367	10	9.909 190	16	0.090 810	9.890 177	6	947	
054	9.799 377	9	9.909 206	15	0.090 794	9.890 171	6	946	
055	9.799 386	9	9.909 221	16	0.090 779	9.890 165	6	945	
056	9.799 395	10	9.909 237	15	0.090 763	9.890 159	7	944	
057	9.799 405	9	9.909 252	16	0.090 748	9.890 152	6	943	
058	9.799 414	9	9.909 268	15	0.090 732	9.890 146	6	942	
059	9.799 423	10	9.909 283	16	0.090 717	9.890 140	6	941	
.060	9.799 433	9	9.909 299	15	0.090 701	9.890 134	6	**.940**	
061	9.799 442	10	9.909 314	16	0.090 686	9.890 128	6	939	
062	9.799 452	9	9.909 330	15	0.090 670	9.890 122	7	938	
063	9.799 461	9	9.909 345	16	0.090 655	9.890 115	6	937	
064	9.799 470	10	9.909 361	15	0.090 639	9.890 109	6	936	
065	9.799 480	9	9.909 376	16	0.090 624	9.890 103	6	935	
066	9.799 489	9	9.909 392	15	0.090 608	9.890 097	6	934	
067	9.799 498	10	9.909 407	16	0.090 593	9.890 091	6	933	
068	9.799 508	9	9.909 423	15	0.090 577	9.890 085	6	932	
069	9.799 517	9	9.909 438	16	0.090 562	9.890 079	7	931	
.070	9.799 526	10	9.909 454	15	0.090 546	9.890 072	6	**.930**	
071	9.799 536	9	9.909 469	16	0.090 531	9.890 066	6	929	
072	9.799 545	9	9.909 485	15	0.090 515	9.890 060	6	928	
073	9.799 554	10	9.909 500	16	0.090 500	9.890 054	6	927	
074	9.799 564	9	9.909 516	15	0.090 484	9.890 048	6	926	
075	9.799 573	9	9.909 531	16	0.090 469	9.890 042	7	925	
076	9.799 582	10	9.909 547	15	0.090 453	9.890 035	6	924	
077	9.799 592	9	9.909 562	16	0.090 438	9.890 029	6	923	
078	9.799 601	9	9.909 578	15	0.090 422	9.890 023	6	922	
079	9.799 610	10	9.909 593	16	0.090 407	9.890 017	6	921	
.080	9.799 620	9	9.909 609	15	0.090 391	9.890 011	6	**.920**	
081	9.799 629	9	9.909 624	16	0.090 376	9.890 005	6	919	
082	9.799 638	10	9.909 640	15	0.090 360	9.889 999	7	918	
083	9.799 648	9	9.909 655	16	0.090 345	9.889 992	6	917	
084	9.799 657	9	9.909 671	15	0.090 329	9.889 986	6	916	
085	9.799 666	10	9.909 686	16	0.090 314	9.889 980	6	915	
086	9.799 676	9	9.909 702	15	0.090 298	9.889 974	6	914	
087	9.799 685	9	9.909 717	16	0.090 283	9.889 968	6	913	
088	9.799 694	10	9.909 733	15	0.090 267	9.889 962	7	912	
089	9.799 704	9	9.909 748	16	0.090 252	9.889 955	6	911	
.090	9.799 713	9	9.909 764	15	0.090 236	9.889 949	6	**.910**	
091	9.799 722	10	9.909 779	16	0.090 221	9.889 943	6	909	
092	9.799 732	9	9.909 795	15	0.090 205	9.889 937	6	908	
093	9.799 741	9	9.909 810	16	0.090 190	9.889 931	6	907	
094	9.799 750	10	9.909 826	15	0.090 174	9.889 925	7	906	
095	9.799 760	9	9.909 841	16	0.090 159	9.889 918	6	905	
096	9.799 769	9	9.909 857	15	0.090 143	9.889 912	6	904	
097	9.799 778	10	9.909 872	16	0.090 128	9.889 906	6	903	
098	9.799 788	9	9.909 888	15	0.090 112	9.889 900	6	902	
099	9.799 797	9	9.909 903	15	0.090 097	9.889 894	6	901	
.100	9.799 806		9.909 918		0.090 082	9.889 888		**.900**	
	cos	d	cotg	d	tang	sin	d	**50°**	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	10	9
1	1.0	0.9
2	2.0	1.8
3	3.0	2.7
4	4.0	3.6
5	5.0	4.5
6	6.0	5.4
7	7.0	6.3
8	8.0	7.2
9	9.0	8.1

	7	6
1	0.7	0.6
2	1.4	1.2
3	2.1	1.8
4	2.8	2.4
5	3.5	3.0
6	4.2	3.6
7	4.9	4.2
8	5.6	4.8
9	6.3	5.4

50°.950 — 50°.900

39°.100 — 39°.150

39°	sin	d	tang	d	cotg	cos	d		P.P.
.100	9.799 806	9	9.909 918	16	0.090 082	9.889 888	6	.900	
101	9.799 815	10	9.909 934	15	0.090 066	9.889 882	7	899	
102	9.799 825	9	9.909 949	16	0.090 051	9.889 875	6	898	
103	9.799 834	9	9.909 965	15	0.090 035	9.889 869	6	897	
104	9.799 843	10	9.909 980	16	0.090 020	9.889 863	6	896	
105	9.799 853	9	9.909 996	15	0.090 004	9.889 857	6	895	
106	9.799 862	9	9.910 011	16	0.089 989	9.889 851	6	894	
107	9.799 871	10	9.910 027	15	0.089 973	9.889 845	7	893	
108	9.799 881	9	9.910 042	16	0.089 958	9.889 838	6	892	
109	9.799 890	9	9.910 058	15	0.089 942	9.889 832	6	891	
.110	9.799 899	10	9.910 073	16	0.089 927	9.889 826	6	.890	
111	9.799 909	9	9.910 089	15	0.089 911	9.889 820	6	889	
112	9.799 918	9	9.910 104	16	0.089 896	9.889 814	6	888	
113	9.799 927	10	9.910 120	15	0.089 880	9.889 808	7	887	
114	9.799 937	9	9.910 135	16	0.089 865	9.889 801	6	886	
115	9.799 946	9	9.910 151	15	0.089 849	9.889 795	6	885	
116	9.799 955	10	9.910 166	16	0.089 834	9.889 789	6	884	
117	9.799 965	9	9.910 182	15	0.089 818	9.889 783	6	883	
118	9.799 974	9	9.910 197	16	0.089 803	9.889 777	6	882	
119	9.799 983	10	9.910 213	15	0.089 787	9.889 771	7	881	
.120	9.799 993	9	9.910 228	16	0.089 772	9.889 764	6	.880	
121	9.800 002	9	9.910 244	15	0.089 756	9.889 758	6	879	
122	9.800 011	10	9.910 259	16	0.089 741	9.889 752	6	878	
123	9.800 021	9	9.910 275	15	0.089 725	9.889 746	6	877	
124	9.800 030	9	9.910 290	16	0.089 710	9.889 740	6	876	
125	9.800 039	10	9.910 306	15	0.089 694	9.889 734	6	875	
126	9.800 049	9	9.910 321	16	0.089 679	9.889 727	7	874	
127	9.800 058	9	9.910 337	15	0.089 663	9.889 721	6	873	
128	9.800 067	10	9.910 352	16	0.089 648	9.889 715	6	872	
129	9.800 077	9	9.910 368	15	0.089 632	9.889 709	6	871	
.130	9.800 086	9	9.910 383	16	0.089 617	9.889 703	6	.870	
131	9.800 095	9	9.910 399	15	0.089 601	9.889 697	6	869	
132	9.800 104	9	9.910 414	15	0.089 586	9.889 690	7	868	
133	9.800 114	10	9.910 429	16	0.089 571	9.889 684	6	867	
134	9.800 123	9	9.910 445	15	0.089 555	9.889 678	6	866	
135	9.800 132	9	9.910 460	16	0.089 540	9.889 672	6	865	
136	9.800 142	10	9.910 476	15	0.089 524	9.889 666	6	864	
137	9.800 151	9	9.910 491	16	0.089 509	9.889 660	6	863	
138	9.800 160	9	9.910 507	15	0.089 493	9.889 653	7	862	
139	9.800 170	10	9.910 522	16	0.089 478	9.889 647	6	861	
.140	9.800 179	9	9.910 538	15	0.089 462	9.889 641	6	.860	
141	9.800 188	9	9.910 553	16	0.089 447	9.889 635	6	859	
142	9.800 198	10	9.910 569	15	0.089 431	9.889 629	6	858	
143	9.800 207	9	9.910 584	16	0.089 416	9.889 623	6	857	
144	9.800 216	9	9.910 600	15	0.089 400	9.889 616	7	856	
145	9.800 226	10	9.910 615	16	0.089 385	9.889 610	6	855	
146	9.800 235	9	9.910 631	15	0.089 369	9.889 604	6	854	
147	9.800 244	9	9.910 646	16	0.089 354	9.889 598	6	853	
148	9.800 253	9	9.910 662	15	0.089 338	9.889 592	6	852	
149	9.800 263	10	9.910 677	16	0.089 323	9.889 586	6	851	
.150	9.800 272	9	9.910 693		0.089 307	9.889 579	7	.850	
	cos	d	cotg	d	tang	sin	d	50°	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	10	9
1	1.0	0.9
2	2.0	1.8
3	3.0	2.7
4	4.0	3.6
5	5.0	4.5
6	6.0	5.4
7	7.0	6.3
8	8.0	7.2
9	9.0	8.1

	7	6
1	0.7	0.6
2	1.4	1.2
3	2.1	1.8
4	2.8	2.4
5	3.5	3.0
6	4.2	3.6
7	4.9	4.2
8	5.6	4.8
9	6.3	5.4

50°.900 — 50°.850

39°.150 — 39°.200

39°	sin	d	tang	d	cotg	cos	d		P.P.
.150	9.800 272		9.910 693		0.089 307	9.889 579		.850	
		9		15			6		
151	9.800 281		9.910 708		0.089 292	9.889 573		849	
		10		16			6		
152	9.800 291		9.910 724		0.089 276	9.889 567		848	
		9		15			6		
153	9.800 300		9.910 739		0.089 261	9.889 561		847	
		9		16			6		
154	9.800 309		9.910 755		0.089 245	9.889 555		846	
		10		15			6		
155	9.800 319		9.910 770		0.089 230	9.889 549		845	
		9		16			7		
156	9.800 328		9.910 786		0.089 214	9.889 542		844	
		9		15			6		
157	9.800 337		9.910 801		0.089 199	9.889 536		843	
		10		16			6		
158	9.800 347		9.910 817		0.089 183	9.889 530		842	
		9		15			6		
159	9.800 356		9.910 832		0.089 168	9.889 524		841	
		9		15			6		
.160	9.800 365		9.910 847		0.089 153	9.889 518		.840	
		10		16			6		
161	9.800 375		9.910 863		0.089 137	9.889 512		839	
		9		15			7		
162	9.800 384		9.910 878		0.089 122	9.889 505		838	
		9		16			6		
163	9.800 393		9.910 894		0.089 106	9.889 499		837	
		9		15			6		
164	9.800 402		9.910 909		0.089 091	9.889 493		836	
		10		16			6		
165	9.800 412		9.910 925		0.089 075	9.889 487		835	
		9		15			6		
166	9.800 421		9.910 940		0.089 060	9.889 481		834	
		9		16			7		
167	9.800 430		9.910 956		0.089 044	9.889 474		833	
		10		15			6		
168	9.800 440		9.910 971		0.089 029	9.889 468		832	
		9		16			6		
169	9.800 449		9.910 987		0.089 013	9.889 462		831	
		9		15			6		
.170	9.800 458		9.911 002		0.088 998	9.889 456		.830	
		10		16			6		
171	9.800 468		9.911 018		0.088 982	9.889 450		829	
		9		15			6		
172	9.800 477		9.911 033		0.088 967	9.889 444		828	
		9		16			7		
173	9.800 486		9.911 049		0.088 951	9.889 437		827	
		9		15			6		
174	9.800 495		9.911 064		0.088 936	9.889 431		826	
		10		16			6		
175	9.800 505		9.911 080		0.088 920	9.889 425		825	
		9		15			6		
176	9.800 514		9.911 095		0.088 905	9.889 419		824	
		9		16			6		
177	9.800 523		9.911 111		0.088 889	9.889 413		823	
		10		15			6		
178	9.800 533		9.911 126		0.088 874	9.889 407		822	
		9		16			7		
179	9.800 542		9.911 142		0.088 858	9.889 400		821	
		9		15			6		
.180	9.800 551		9.911 157		0.088 843	9.889 394		.820	
		10		16			6		
181	9.800 561		9.911 173		0.088 827	9.889 388		819	
		9		15			6		
182	9.800 570		9.911 188		0.088 812	9.889 382		818	
		9		16			6		
183	9.800 579		9.911 204		0.088 796	9.889 376		817	
		9		15			7		
184	9.800 588		9.911 219		0.088 781	9.889 369		816	
		10		15			6		
185	9.800 598		9.911 234		0.088 766	9.889 363		815	
		9		16			6		
186	9.800 607		9.911 250		0.088 750	9.889 357		814	
		9		15			6		
187	9.800 616		9.911 265		0.088 735	9.889 351		813	
		10		16			6		
188	9.800 626		9.911 281		0.088 719	9.889 345		812	
		9		15			6		
189	9.800 635		9.911 296		0.088 704	9.889 339		811	
		9		16			7		
.190	9.800 644		9.911 312		0.088 688	9.889 332		.810	
		10		15			6		
191	9.800 654		9.911 327		0.088 673	9.889 326		809	
		9		16			6		
192	9.800 663		9.911 343		0.088 657	9.889 320		808	
		9		15			6		
193	9.800 672		9.911 358		0.088 642	9.889 314		807	
		9		16			6		
194	9.800 681		9.911 374		0.088 626	9.889 308		806	
		10		15			6		
195	9.800 691		9.911 389		0.088 611	9.889 302		805	
		9		16			7		
196	9.800 700		9.911 405		0.088 595	9.889 295		804	
		9		15			6		
197	9.800 709		9.911 420		0.088 580	9.889 289		803	
		10		16			6		
198	9.800 719		9.911 436		0.088 564	9.889 283		802	
		9		15			6		
199	9.800 728		9.911 451		0.088 549	9.889 277		801	
		9		16			6		
.200	9.800 737		9.911 467		0.088 533	9.889 271		.800	
	cos	d	cotg	d	tang	sin	d	50°	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	10	9
1	1.0	0.9
2	2.0	1.8
3	3.0	2.7
4	4.0	3.6
5	5.0	4.5
6	6.0	5.4
7	7.0	6.3
8	8.0	7.2
9	9.0	8.1

	7	6
1	0.7	0.6
2	1.4	1.2
3	2.1	1.8
4	2.8	2.4
5	3.5	3.0
6	4.2	3.6
7	4.9	4.2
8	5.6	4.8
9	6.3	5.4

50°.850 — 50°.800

39°.200 — 39°.250

39°	sin	d	tang	d	cotg	cos	d		P.P.
.200	9.800 737	10	9.911 467	15	0.088 533	9.889 271	7	**.800**	
201	9.800 747	9	9.911 482	16	0.088 518	9.889 264	6	799	
202	9.800 756	9	9.911 498	15	0.088 502	9.889 258	6	798	
203	9.800 765	9	9.911 513	16	0.088 487	9.889 252	6	797	
204	9.800 774	10	9.911 529	15	0.088 471	9.889 246	6	796	
205	9.800 784	9	9.911 544	15	0.088 456	9.889 240	7	795	
206	9.800 793	9	9.911 559	16	0.088 441	9.889 233	6	794	
207	9.800 802	10	9.911 575	15	0.088 425	9.889 227	6	793	
208	9.800 812	9	9.911 590	16	0.088 410	9.889 221	6	792	
209	9.800 821	9	9.911 606	15	0.088 394	9.889 215	6	791	
.210	9.800 830	9	9.911 621	16	0.088 379	9.889 209	6	**.790**	
211	9.800 839	10	9.911 637	15	0.088 363	9.889 203	7	789	
212	9.800 849	9	9.911 652	16	0.088 348	9.889 196	6	788	
213	9.800 858	9	9.911 668	15	0.088 332	9.889 190	6	787	
214	9.800 867	10	9.911 683	16	0.088 317	9.889 184	6	786	
215	9.800 877	9	9.911 699	15	0.088 301	9.889 178	6	785	
216	9.800 886	9	9.911 714	16	0.088 286	9.889 172	7	784	
217	9.800 895	9	9.911 730	15	0.088 270	9.889 165	6	783	
218	9.800 904	10	9.911 745	16	0.088 255	9.889 159	6	782	
219	9.800 914	9	9.911 761	15	0.088 239	9.889 153	6	781	
.220	9.800 923	9	9.911 776	16	0.088 224	9.889 147	6	**.780**	
221	9.800 932	10	9.911 792	15	0.088 208	9.889 141	6	779	
222	9.800 942	9	9.911 807	16	0.088 193	9.889 135	7	778	
223	9.800 951	9	9.911 823	15	0.088 177	9.889 128	6	777	
224	9.800 960	9	9.911 838	15	0.088 162	9.889 122	6	776	
225	9.800 969	10	9.911 853	16	0.088 147	9.889 116	6	775	
226	9.800 979	9	9.911 869	15	0.088 131	9.889 110	6	774	
227	9.800 988	9	9.911 884	16	0.088 116	9.889 104	7	773	
228	9.800 997	10	9.911 900	15	0.088 100	9.889 097	6	772	
229	9.801 007	9	9.911 915	16	0.088 085	9.889 091	6	771	
.230	9.801 016	9	9.911 931	15	0.088 069	9.889 085	6	**.770**	
231	9.801 025	9	9.911 946	16	0.088 054	9.889 079	6	769	
232	9.801 034	10	9.911 962	15	0.088 038	9.889 073	7	768	
233	9.801 044	9	9.911 977	16	0.088 023	9.889 066	6	767	
234	9.801 053	9	9.911 993	15	0.088 007	9.889 060	6	766	
235	9.801 062	10	9.912 008	16	0.087 992	9.889 054	6	765	
236	9.801 072	9	9.912 024	15	0.087 976	9.889 048	6	764	
237	9.801 081	9	9.912 039	16	0.087 961	9.889 042	6	763	
238	9.801 090	9	9.912 055	15	0.087 945	9.889 036	7	762	
239	9.801 099	10	9.912 070	16	0.087 930	9.889 029	6	761	
.240	9.801 109	9	9.912 086	15	0.087 914	9.889 023	6	**.760**	
241	9.801 118	9	9.912 101	16	0.087 899	9.889 017	6	759	
242	9.801 127	10	9.912 117	15	0.087 883	9.889 011	6	758	
243	9.801 137	9	9.912 132	15	0.087 868	9.889 005	7	757	
244	9.801 146	9	9.912 147	16	0.087 853	9.888 998	6	756	
245	9.801 155	9	9.912 163	15	0.087 837	9.888 992	6	755	
246	9.801 164	10	9.912 178	16	0.087 822	9.888 986	6	754	
247	9.801 174	9	9.912 194	15	0.087 806	9.888 980	6	753	
248	9.801 183	9	9.912 209	16	0.087 791	9.888 974	7	752	
249	9.801 192	9	9.912 225	15	0.087 775	9.888 967	6	751	
.250	9.801 201		9.912 240		0.087 760	9.888 961		**.750**	
	cos	d	cotg	d	tang	sin	d	**50°**	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	10	9
1	1.0	0.9
2	2.0	1.8
3	3.0	2.7
4	4.0	3.6
5	5.0	4.5
6	6.0	5.4
7	7.0	6.3
8	8.0	7.2
9	9.0	8.1

	7	6
1	0.7	0.6
2	1.4	1.2
3	2.1	1.8
4	2.8	2.4
5	3.5	3.0
6	4.2	3.6
7	4.9	4.2
8	5.6	4.8
9	6.3	5.4

50°.800 — 50°.750

39°.250 — 39°.300

39°	sin	d	tang	d	cotg	cos	d		P.P.
.250	9.801 201	10	9.912 240	16	0.087 760	9.888 961	6	**.750**	
251	9.801 211	9	9.912 256	15	0.087 744	9.888 955	6	749	
252	9.801 220	9	9.912 271	16	0.087 729	9.888 949	6	748	
253	9.801 229	10	9.912 287	15	0.087 713	9.888 943	7	747	
254	9.801 239	9	9.912 302	16	0.087 698	9.888 936	6	746	
255	9.801 248	9	9.912 318	15	0.087 682	9.888 930	6	745	
256	9.801 257	9	9.912 333	16	0.087 667	9.888 924	6	744	
257	9.801 266	10	9.912 349	15	0.087 651	9.888 918	6	743	
258	9.801 276	9	9.912 364	16	0.087 636	9.888 912	7	742	
259	9.801 285	9	9.912 380	15	0.087 620	9.888 905	6	741	
.260	9.801 294	10	9.912 395	15	0.087 605	9.888 899	6	**.740**	
261	9.801 304	9	9.912 410	16	0.087 590	9.888 893	6	739	
262	9.801 313	9	9.912 426	15	0.087 574	9.888 887	6	738	
263	9.801 322	9	9.912 441	16	0.087 559	9.888 881	7	737	
264	9.801 331	10	9.912 457	15	0.087 543	9.888 874	6	736	
265	9.801 341	9	9.912 472	16	0.087 528	9.888 868	6	735	
266	9.801 350	9	9.912 488	15	0.087 512	9.888 862	6	734	
267	9.801 359	9	9.912 503	16	0.087 497	9.888 856	6	733	
268	9.801 368	10	9.912 519	15	0.087 481	9.888 850	6	732	
269	9.801 378	9	9.912 534	16	0.087 466	9.888 844	7	731	
.270	9.801 387	9	9.912 550	15	0.087 450	9.888 837	6	**.730**	
271	9.801 396	10	9.912 565	16	0.087 435	9.888 831	6	729	
272	9.801 406	9	9.912 581	15	0.087 419	9.888 825	6	728	
273	9.801 415	9	9.912 596	16	0.087 404	9.888 819	6	727	
274	9.801 424	9	9.912 612	15	0.087 388	9.888 813	7	726	
275	9.801 433	10	9.912 627	15	0.087 373	9.888 806	6	725	
276	9.801 443	9	9.912 642	16	0.087 358	9.888 800	6	724	
277	9.801 452	9	9.912 658	15	0.087 342	9.888 794	6	723	
278	9.801 461	9	9.912 673	16	0.087 327	9.888 788	6	722	
279	9.801 470	10	9.912 689	15	0.087 311	9.888 782	7	721	
.280	9.801 480	9	9.912 704	16	0.087 296	9.888 775	6	**.720**	
281	9.801 489	9	9.912 720	15	0.087 280	9.888 769	6	719	
282	9.801 498	9	9.912 735	16	0.087 265	9.888 763	6	718	
283	9.801 507	10	9.912 751	15	0.087 249	9.888 757	6	717	
284	9.801 517	9	9.912 766	16	0.087 234	9.888 751	7	716	
285	9.801 526	9	9.912 782	15	0.087 218	9.888 744	6	715	
286	9.801 535	10	9.912 797	16	0.087 203	9.888 738	6	714	
287	9.801 545	9	9.912 813	15	0.087 187	9.888 732	6	713	
288	9.801 554	9	9.912 828	16	0.087 172	9.888 726	6	712	
289	9.801 563	9	9.912 844	15	0.087 156	9.888 720	7	711	
.290	9.801 572	10	9.912 859	15	0.087 141	9.888 713	6	**.710**	
291	9.801 582	9	9.912 874	16	0.087 126	9.888 707	6	709	
292	9.801 591	9	9.912 890	15	0.087 110	9.888 701	6	708	
293	9.801 600	9	9.912 905	16	0.087 095	9.888 695	6	707	
294	9.801 609	10	9.912 921	15	0.087 079	9.888 689	7	706	
295	9.801 619	9	9.912 936	16	0.087 064	9.888 682	6	705	
296	9.801 628	9	9.912 952	15	0.087 048	9.888 676	6	704	
297	9.801 637	9	9.912 967	16	0.087 033	9.888 670	6	703	
298	9.801 646	10	9.912 983	15	0.087 017	9.888 664	7	702	
299	9.801 656	9	9.912 998	16	0.087 002	9.888 657	6	701	
.300	9.801 665		9.913 014		0.086 986	9.888 651		**.700**	
	cos	d	cotg	d	tang	sin	d	50°	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	10	9
1	1.0	0.9
2	2.0	1.8
3	3.0	2.7
4	4.0	3.6
5	5.0	4.5
6	6.0	5.4
7	7.0	6.3
8	8.0	7.2
9	9.0	8.1

	7	6
1	0.7	0.6
2	1.4	1.2
3	2.1	1.8
4	2.8	2.4
5	3.5	3.0
6	4.2	3.6
7	4.9	4.2
8	5.6	4.8
9	6.3	5.4

50°.750 — 50°.700

39°.300 — 39°.350

39°	sin	d	tang	d	cotg	cos	d		P.P.
.300	9.801 665	9	9.913 014	15	0.086 986	9.888 651	6	.700	
301	9.801 674	9	9.913 029	16	0.086 971	9.888 645	6	699	
302	9.801 683	10	9.913 045	15	0.086 955	9.888 639	6	698	
303	9.801 693	9	9.913 060	16	0.086 940	9.888 633	7	697	
304	9.801 702	9	9.913 076	15	0.086 924	9.888 626	6	696	
305	9.801 711	10	9.913 091	15	0.086 909	9.888 620	6	695	
306	9.801 721	9	9.913 106	16	0.086 894	9.888 614	6	694	
307	9.801 730	9	9.913 122	15	0.086 878	9.888 608	6	693	
308	9.801 739	9	9.913 137	16	0.086 863	9.888 602	7	692	
309	9.801 748	10	9.913 153	15	0.086 847	9.888 595	6	691	
.310	9.801 758	9	9.913 168	16	0.086 832	9.888 589	6	.690	
311	9.801 767	9	9.913 184	15	0.086 816	9.888 583	6	689	
312	9.801 776	9	9.913 199	16	0.086 801	9.888 577	6	688	
313	9.801 785	10	9.913 215	15	0.086 785	9.888 571	7	687	
314	9.801 795	9	9.913 230	16	0.086 770	9.888 564	6	686	
315	9.801 804	9	9.913 246	15	0.086 754	9.888 558	6	685	
316	9.801 813	9	9.913 261	16	0.086 739	9.888 552	6	684	
317	9.801 822	10	9.913 277	15	0.086 723	9.888 546	6	683	
318	9.801 832	9	9.913 292	15	0.086 708	9.888 540	7	682	
319	9.801 841	9	9.913 307	16	0.086 693	9.888 533	6	681	
.320	9.801 850	9	9.913 323	15	0.086 677	9.888 527	6	.680	
321	9.801 859	10	9.913 338	16	0.086 662	9.888 521	6	679	
322	9.801 869	9	9.913 354	15	0.086 646	9.888 515	6	678	
323	9.801 878	9	9.913 369	16	0.086 631	9.888 509	7	677	
324	9.801 887	9	9.913 385	15	0.086 615	9.888 502	6	676	
325	9.801 896	10	9.913 400	16	0.086 600	9.888 496	6	675	
326	9.801 906	9	9.913 416	15	0.086 584	9.888 490	6	674	
327	9.801 915	9	9.913 431	16	0.086 569	9.888 484	7	673	
328	9.801 924	9	9.913 447	15	0.086 553	9.888 477	6	672	
329	9.801 933	10	9.913 462	16	0.086 538	9.888 471	6	671	
.330	9.801 943	9	9.913 478	15	0.086 522	9.888 465	6	.670	
331	9.801 952	9	9.913 493	15	0.086 507	9.888 459	6	669	
332	9.801 961	9	9.913 508	16	0.086 492	9.888 453	7	668	
333	9.801 970	10	9.913 524	15	0.086 476	9.888 446	6	667	
334	9.801 980	9	9.913 539	16	0.086 461	9.888 440	6	666	
335	9.801 989	9	9.913 555	15	0.086 445	9.888 434	6	665	
336	9.801 998	9	9.913 570	16	0.086 430	9.888 428	6	664	
337	9.802 007	10	9.913 586	15	0.086 414	9.888 422	7	663	
338	9.802 017	9	9.913 601	16	0.086 399	9.888 415	6	662	
339	9.802 026	9	9.913 617	15	0.086 383	9.888 409	6	661	
.340	9.802 035	9	9.913 632	16	0.086 368	9.888 403	6	.660	
341	9.802 044	10	9.913 648	15	0.086 352	9.888 397	6	659	
342	9.802 054	9	9.913 663	16	0.086 337	9.888 391	7	658	
343	9.802 063	9	9.913 679	15	0.086 321	9.888 384	6	657	
344	9.802 072	9	9.913 694	15	0.086 306	9.888 378	6	656	
345	9.802 081	10	9.913 709	16	0.086 291	9.888 372	6	655	
346	9.802 091	9	9.913 725	15	0.086 275	9.888 366	7	654	
347	9.802 100	9	9.913 740	16	0.086 260	9.888 359	6	653	
348	9.802 109	9	9.913 756	15	0.086 244	9.888 353	6	652	
349	9.802 118	10	9.913 771	16	0.086 229	9.888 347	6	651	
.350	9.802 128		9.913 787		0.086 213	9.888 341		.650	
	cos	d	cotg	d	tang	sin	d	50°	P.P.

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7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

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6	6.0	5.4
7	7.0	6.3
8	8.0	7.2
9	9.0	8.1

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1	0.7	0.6
2	1.4	1.2
3	2.1	1.8
4	2.8	2.4
5	3.5	3.0
6	4.2	3.6
7	4.9	4.2
8	5.6	4.8
9	6.3	5.4

50°.700 — 50°.650

39°.350 — 39°.400

39°	sin	d	tang	d	cotg	cos	d		P.P.
.350	9.802 128		9.913 787		0.086 213	9.888 341		**.650**	
		9		15			6		
351	9.802 137		9.913 802		0.086 198	9.888 335		649	
352	9.802 146	9	9.913 818	16	0.086 182	9.888 328	7	648	
353	9.802 155	9	9.913 833	15	0.086 167	9.888 322	6	647	
		10		16			6		
354	9.802 165		9.913 849		0.086 151	9.888 316		646	
355	9.802 174	9	9.913 864	15	0.086 136	9.888 310	6	645	
356	9.802 183	9	9.913 880	16	0.086 120	9.888 304	6	644	
		9		15			7		
357	9.802 192		9.913 895		0.086 105	9.888 297		643	
358	9.802 202	10	9.913 910	15	0.086 090	9.888 291	6	642	
359	9.802 211	9	9.913 926	16	0.086 074	9.888 285	6	641	
		9		15			6		
.360	9.802 220		9.913 941		0.086 059	9.888 279		**.640**	
		9		16			7		
361	9.802 229		9.913 957		0.086 043	9.888 272		639	
362	9.802 238	9	9.913 972	15	0.086 028	9.888 266	6	638	
363	9.802 248	10	9.913 988	16	0.086 012	9.888 260	6	637	
		9		15			6		
364	9.802 257		9.914 003		0.085 997	9.888 254		636	
365	9.802 266	9	9.914 019	16	0.085 981	9.888 248	6	635	
366	9.802 275	9	9.914 034	15	0.085 966	9.888 241	7	634	
		10		16			6		
367	9.802 285		9.914 050		0.085 950	9.888 235		633	
368	9.802 294	9	9.914 065	15	0.085 935	9.888 229	6	632	
369	9.802 303	9	9.914 080	15	0.085 920	9.888 223	6	631	
		9		16			7		
.370	9.802 312		9.914 096		0.085 904	9.888 216		**.630**	
		10		15			6		
371	9.802 322		9.914 111		0.085 889	9.888 210		629	
372	9.802 331	9	9.914 127	16	0.085 873	9.888 204	6	628	
373	9.802 340	9	9.914 142	15	0.085 858	9.888 198	6	627	
		9		16			6		
374	9.802 349		9.914 158		0.085 842	9.888 192		626	
375	9.802 359	10	9.914 173	15	0.085 827	9.888 185	7	625	
376	9.802 368	9	9.914 189	16	0.085 811	9.888 179	6	624	
		9		15			6		
377	9.802 377		9.914 204		0.085 796	9.888 173		623	
378	9.802 386	9	9.914 220	16	0.085 780	9.888 167	6	622	
379	9.802 396	10	9.914 235	15	0.085 765	9.888 160	7	621	
		9		15			6		
.380	9.802 405		9.914 250		0.085 750	9.888 154		**.620**	
		9		16			6		
381	9.802 414		9.914 266		0.085 734	9.888 148		619	
382	9.802 423	9	9.914 281	15	0.085 719	9.888 142	6	618	
383	9.802 432	9	9.914 297	16	0.085 703	9.888 136	6	617	
		10		15			7		
384	9.802 442		9.914 312		0.085 688	9.888 129		616	
385	9.802 451	9	9.914 328	16	0.085 672	9.888 123	6	615	
386	9.802 460	9	9.914 343	15	0.085 657	9.888 117	6	614	
		9		16			6		
387	9.802 469		9.914 359		0.085 641	9.888 111		613	
388	9.802 479	10	9.914 374	15	0.085 626	9.888 104	7	612	
389	9.802 488	9	9.914 390	16	0.085 610	9.888 098	6	611	
		9		15			6		
.390	9.802 497		9.914 405		0.085 595	9.888 092		**.610**	
		9		16			6		
391	9.802 506		9.914 421		0.085 579	9.888 086		609	
392	9.802 516	10	9.914 436	15	0.085 564	9.888 080	6	608	
393	9.802 525	9	9.914 451	15	0.085 549	9.888 073	7	607	
		9		16			6		
394	9.802 534		9.914 467		0.085 533	9.888 067		606	
395	9.802 543	9	9.914 482	15	0.085 518	9.888 061	6	605	
396	9.802 552	9	9.914 498	16	0.085 502	9.888 055	6	604	
		10		15			7		
397	9.802 562		9.914 513		0.085 487	9.888 048		603	
398	9.802 571	9	9.914 529	16	0.085 471	9.888 042	6	602	
399	9.802 580	9	9.914 544	15	0.085 456	9.888 036	6	601	
		9		16			6		
.400	9.802 589		9.914 560		0.085 440	9.888 030		**.600**	
	cos	d	cotg	d	tang	sin	d	50°	P.P.

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8	12.8	12.0
9	14.4	13.5

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9	9.0	8.1

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1	0.7	0.6
2	1.4	1.2
3	2.1	1.8
4	2.8	2.4
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7	4.9	4.2
8	5.6	4.8
9	6.3	5.4

50°.650 — 50°.600

39°.400 — 39°.450

39°	sin	d	tang	d	cotg	cos	d		P.P.
.400	9.802 589	10	9.914 560	15	0.085 440	9.888 030	6	.600	
401	9.802 599	9	9.914 575	16	0.085 425	9.888 024	7	599	
402	9.802 608	9	9.914 591	15	0.085 409	9.888 017	6	598	
403	9.802 617	9	9.914 606	15	0.085 394	9.888 011	6	597	
404	9.802 626	10	9.914 621	16	0.085 379	9.888 005	6	596	
405	9.802 636	9	9.914 637	15	0.085 363	9.887 999	7	595	
406	9.802 645	9	9.914 652	16	0.085 348	9.887 992	6	594	
407	9.802 654	9	9.914 668	15	0.085 332	9.887 986	6	593	
408	9.802 663	9	9.914 683	16	0.085 317	9.887 980	6	592	
409	9.802 672	10	9.914 699	15	0.085 301	9.887 974	6	591	
.410	9.802 682	9	9.914 714	16	0.085 286	9.887 968	7	.590	
411	9.802 691	9	9.914 730	15	0.085 270	9.887 961	6	589	
412	9.802 700	9	9.914 745	15	0.085 255	9.887 955	6	588	
413	9.802 709	10	9.914 760	16	0.085 240	9.887 949	6	587	
414	9.802 719	9	9.914 776	15	0.085 224	9.887 943	7	586	
415	9.802 728	9	9.914 791	16	0.085 209	9.887 936	6	585	
416	9.802 737	9	9.914 807	15	0.085 193	9.887 930	6	584	
417	9.802 746	9	9.914 822	16	0.085 178	9.887 924	6	583	
418	9.802 755	10	9.914 838	15	0.085 162	9.887 918	7	582	
419	9.802 765	9	9.914 853	16	0.085 147	9.887 911	6	581	
.420	9.802 774	9	9.914 869	15	0.085 131	9.887 905	6	.580	
421	9.802 783	9	9.914 884	16	0.085 116	9.887 899	6	579	
422	9.802 792	10	9.914 900	15	0.085 100	9.887 893	6	578	
423	9.802 802	9	9.914 915	15	0.085 085	9.887 887	7	577	
424	9.802 811	9	9.914 930	16	0.085 070	9.887 880	6	576	
425	9.802 820	9	9.914 946	15	0.085 054	9.887 874	6	575	
426	9.802 829	9	9.914 961	16	0.085 039	9.887 868	6	574	
427	9.802 838	10	9.914 977	15	0.085 023	9.887 862	7	573	
428	9.802 848	9	9.914 992	16	0.085 008	9.887 855	6	572	
429	9.802 857	9	9.915 008	15	0.084 992	9.887 849	6	571	
.430	9.802 866	9	9.915 023	16	0.084 977	9.887 843	6	.570	
431	9.802 875	10	9.915 039	15	0.084 961	9.887 837	7	569	
432	9.802 885	9	9.915 054	16	0.084 946	9.887 830	6	568	
433	9.802 894	9	9.915 070	15	0.084 930	9.887 824	6	567	
434	9.802 903	9	9.915 085	15	0.084 915	9.887 818	6	566	
435	9.802 912	9	9.915 100	16	0.084 900	9.887 812	7	565	
436	9.802 921	10	9.915 116	15	0.084 884	9.887 805	6	564	
437	9.802 931	9	9.915 131	16	0.084 869	9.887 799	6	563	
438	9.802 940	9	9.915 147	15	0.084 853	9.887 793	6	562	
439	9.802 949	9	9.915 162	16	0.084 838	9.887 787	6	561	
.440	9.802 958	9	9.915 178	15	0.084 822	9.887 781	7	.560	
441	9.802 967	10	9.915 193	16	0.084 807	9.887 774	6	559	
442	9.802 977	9	9.915 209	15	0.084 791	9.887 768	6	558	
443	9.802 986	9	9.915 224	15	0.084 776	9.887 762	6	557	
444	9.802 995	9	9.915 239	16	0.084 761	9.887 756	7	556	
445	9.803 004	10	9.915 255	15	0.084 745	9.887 749	6	555	
446	9.803 014	9	9.915 270	16	0.084 730	9.887 743	6	554	
447	9.803 023	9	9.915 286	15	0.084 714	9.887 737	6	553	
448	9.803 032	9	9.915 301	16	0.084 699	9.887 731	7	552	
449	9.803 041	9	9.915 317	15	0.084 683	9.887 724	6	551	
.450	9.803 050		9.915 332		0.084 668	9.887 718		.550	
	cos	d	cotg	d	tang	sin	d	50°	P.P.

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8	12.8	12.0
9	14.4	13.5

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5	5.0	4.5
6	6.0	5.4
7	7.0	6.3
8	8.0	7.2
9	9.0	8.1

	7	6
1	0.7	0.6
2	1.4	1.2
3	2.1	1.8
4	2.8	2.4
5	3.5	3.0
6	4.2	3.6
7	4.9	4.2
8	5.6	4.8
9	6.3	5.4

50°.600 — 50°.550

39°.450 — 39°.500

39°	sin	d	tang	d	cotg	cos	d		P.P.
.450	9.803 050	10	9.915 332	16	0.084 668	9.887 718	6	.550	
451	9.803 060	9	9.915 348	15	0.084 652	9.887 712	6	549	
452	9.803 069	9	9.915 363	16	0.084 637	9.887 706	7	548	
453	9.803 078	9	9.915 379	15	0.084 621	9.887 699	6	547	
454	9.803 087	9	9.915 394	15	0.084 606	9.887 693	6	546	
455	9.803 096	10	9.915 409	16	0.084 591	9.887 687	6	545	
456	9.803 106	9	9.915 425	15	0.084 575	9.887 681	6	544	
457	9.803 115	9	9.915 440	16	0.084 560	9.887 675	7	543	
458	9.803 124	9	9.915 456	15	0.084 544	9.887 668	6	542	
459	9.803 133	9	9.915 471	16	0.084 529	9.887 662	6	541	
.460	9.803 142	10	9.915 487	15	0.084 513	9.887 656	6	.540	
461	9.803 152	9	9.915 502	16	0.084 498	9.887 650	7	539	
462	9.803 161	9	9.915 518	15	0.084 482	9.887 643	6	538	
463	9.803 170	9	9.915 533	15	0.084 467	9.887 637	6	537	
464	9.803 179	9	9.915 548	16	0.084 452	9.887 631	6	536	
465	9.803 188	10	9.915 564	15	0.084 436	9.887 625	7	535	
466	9.803 198	9	9.915 579	16	0.084 421	9.887 618	6	534	
467	9.803 207	9	9.915 595	15	0.084 405	9.887 612	6	533	
468	9.803 216	9	9.915 610	16	0.084 390	9.887 606	6	532	
469	9.803 225	10	9.915 626	15	0.084 374	9.887 600	7	531	
.470	9.803 235	9	9.915 641	16	0.084 359	9.887 593	6	.530	
471	9.803 244	9	9.915 657	15	0.084 343	9.887 587	6	529	
472	9.803 253	9	9.915 672	15	0.084 328	9.887 581	6	528	
473	9.803 262	9	9.915 687	16	0.084 313	9.887 575	7	527	
474	9.803 271	10	9.915 703	15	0.084 297	9.887 568	6	526	
475	9.803 281	9	9.915 718	16	0.084 282	9.887 562	6	525	
476	9.803 290	9	9.915 734	15	0.084 266	9.887 556	6	524	
477	9.803 299	9	9.915 749	16	0.084 251	9.887 550	7	523	
478	9.803 308	9	9.915 765	15	0.084 235	9.887 543	6	522	
479	9.803 317	10	9.915 780	16	0.084 220	9.887 537	6	521	
.480	9.803 327	9	9.915 796	15	0.084 204	9.887 531	6	.520	
481	9.803 336	9	9.915 811	15	0.084 189	9.887 525	7	519	
482	9.803 345	9	9.915 826	16	0.084 174	9.887 518	6	518	
483	9.803 354	9	9.915 842	15	0.084 158	9.887 512	6	517	
484	9.803 363	10	9.915 857	16	0.084 143	9.887 506	6	516	
485	9.803 373	9	9.915 873	15	0.084 127	9.887 500	6	515	
486	9.803 382	9	9.915 888	16	0.084 112	9.887 494	7	514	
487	9.803 391	9	9.915 904	15	0.084 096	9.887 487	6	513	
488	9.803 400	9	9.915 919	16	0.084 081	9.887 481	6	512	
489	9.803 409	10	9.915 935	15	0.084 065	9.887 475	6	511	
.490	9.803 419	9	9.915 950	15	0.084 050	9.887 469	7	.510	
491	9.803 428	9	9.915 965	16	0.084 035	9.887 462	6	509	
492	9.803 437	9	9.915 981	15	0.084 019	9.887 456	6	508	
493	9.803 446	9	9.915 996	16	0.084 004	9.887 450	6	507	
494	9.803 455	10	9.916 012	15	0.083 988	9.887 444	7	506	
495	9.803 465	9	9.916 027	16	0.083 973	9.887 437	6	505	
496	9.803 474	9	9.916 043	15	0.083 957	9.887 431	6	504	
497	9.803 483	9	9.916 058	16	0.083 942	9.887 425	6	503	
498	9.803 492	9	9.916 074	15	0.083 926	9.887 419	7	502	
499	9.803 501	10	9.916 089	15	0.083 911	9.887 412	6	501	
.500	9.803 511		9.916 104		0.083 896	9.887 406		.500	
	cos	d	cotg	d	tang	sin	d	50°	P.P.

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9	14.4	13.5

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8	8.0	7.2
9	9.0	8.1

	7	6
1	0.7	0.6
2	1.4	1.2
3	2.1	1.8
4	2.8	2.4
5	3.5	3.0
6	4.2	3.6
7	4.9	4.2
8	5.6	4.8
9	6.3	5.4

50°.550 — 50°.500

39°.500 — 39°.550

39°	sin	d	tang	d	cotg	cos	d		P.P.
.500	9.803 511	9	9.916 104	16	0.083 896	9.887 406	6	.500	
501	9.803 520	9	9.916 120	15	0.083 880	9.887 400	6	499	
502	9.803 529	9	9.916 135	16	0.083 865	9.887 394	7	498	
503	9.803 538	9	9.916 151	15	0.083 849	9.887 387	6	497	
504	9.803 547	9	9.916 166	16	0.083 834	9.887 381	6	496	
505	9.803 556	10	9.916 182	15	0.083 818	9.887 375	6	495	
506	9.803 566	9	9.916 197	16	0.083 803	9.887 369	7	494	
507	9.803 575	9	9.916 213	15	0.083 787	9.887 362	6	493	
508	9.803 584	9	9.916 228	15	0.083 772	9.887 356	6	492	
509	9.803 593	9	9.916 243	16	0.083 757	9.887 350	6	491	
.510	9.803 602	10	9.916 259	15	0.083 741	9.887 344	7	.490	
511	9.803 612	9	9.916 274	16	0.083 726	9.887 337	6	489	
512	9.803 621	9	9.916 290	15	0.083 710	9.887 331	6	488	
513	9.803 630	9	9.916 305	16	0.083 695	9.887 325	6	487	
514	9.803 639	9	9.916 321	15	0.083 679	9.887 319	7	486	
515	9.803 648	10	9.916 336	16	0.083 664	9.887 312	6	485	
516	9.803 658	9	9.916 352	15	0.083 648	9.887 306	6	484	
517	9.803 667	9	9.916 367	15	0.083 633	9.887 300	6	483	
518	9.803 676	9	9.916 382	16	0.083 618	9.887 294	7	482	
519	9.803 685	9	9.916 398	15	0.083 602	9.887 287	6	481	
.520	9.803 694	10	9.916 413	16	0.083 587	9.887 281	6	.480	
521	9.803 704	9	9.916 429	15	0.083 571	9.887 275	6	479	
522	9.803 713	9	9.916 444	16	0.083 556	9.887 269	7	478	
523	9.803 722	9	9.916 460	15	0.083 540	9.887 262	6	477	
524	9.803 731	9	9.916 475	16	0.083 525	9.887 256	6	476	
525	9.803 740	9	9.916 491	15	0.083 509	9.887 250	6	475	
526	9.803 749	10	9.916 506	15	0.083 494	9.887 244	7	474	
527	9.803 759	9	9.916 521	16	0.083 479	9.887 237	6	473	
528	9.803 768	9	9.916 537	15	0.083 463	9.887 231	6	472	
529	9.803 777	9	9.916 552	16	0.083 448	9.887 225	6	471	
.530	9.803 786	9	9.916 568	15	0.083 432	9.887 219	7	.470	
531	9.803 795	10	9.916 583	16	0.083 417	9.887 212	6	469	
532	9.803 805	9	9.916 599	15	0.083 401	9.887 206	6	468	
533	9.803 814	9	9.916 614	15	0.083 386	9.887 200	7	467	
534	9.803 823	9	9.916 629	16	0.083 371	9.887 193	6	466	
535	9.803 832	9	9.916 645	15	0.083 355	9.887 187	6	465	
536	9.803 841	10	9.916 660	16	0.083 340	9.887 181	6	464	
537	9.803 851	9	9.916 676	15	0.083 324	9.887 175	7	463	
538	9.803 860	9	9.916 691	16	0.083 309	9.887 168	6	462	
539	9.803 869	9	9.916 707	15	0.083 293	9.887 162	6	461	
.540	9.803 878	9	9.916 722	16	0.083 278	9.887 156	6	.460	
541	9.803 887	9	9.916 738	15	0.083 262	9.887 150	7	459	
542	9.803 896	10	9.916 753	15	0.083 247	9.887 143	6	458	
543	9.803 906	9	9.916 768	16	0.083 232	9.887 137	6	457	
544	9.803 915	9	9.916 784	15	0.083 216	9.887 131	6	456	
545	9.803 924	9	9.916 799	16	0.083 201	9.887 125	7	455	
546	9.803 933	9	9.916 815	15	0.083 185	9.887 118	6	454	
547	9.803 942	10	9.916 830	16	0.083 170	9.887 112	6	453	
548	9.803 952	9	9.916 846	15	0.083 154	9.887 106	6	452	
549	9.803 961	9	9.916 861	16	0.083 139	9.887 100	7	451	
.550	9.803 970		9.916 877		0.083 123	9.887 093		.450	
	cos	d	cotg	d	tang	sin	d	50°	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	10	9
1	1.0	0.9
2	2.0	1.8
3	3.0	2.7
4	4.0	3.6
5	5.0	4.5
6	6.0	5.4
7	7.0	6.3
8	8.0	7.2
9	9.0	8.1

	7	6
1	0.7	0.6
2	1.4	1.2
3	2.1	1.8
4	2.8	2.4
5	3.5	3.0
6	4.2	3.6
7	4.9	4.2
8	5.6	4.8
9	6.3	5.4

50°.500 — 50°.450

39°.550 — 39°.600

39°	sin	d	tang	d	cotg	cos	d		P.P.
.550	9.803 970	9	9.916 877	15	0.083 123	9.887 093	6	.450	
551	9.803 979	9	9.916 892	15	0.083 108	9.887 087	6	449	
552	9.803 988	9	9.916 907	16	0.083 093	9.887 081	6	448	
553	9.803 997	10	9.916 923	15	0.083 077	9.887 075	7	447	
554	9.804 007	9	9.916 938	16	0.083 062	9.887 068	6	446	
555	9.804 016	9	9.916 954	15	0.083 046	9.887 062	6	445	
556	9.804 025	9	9.916 969	16	0.083 031	9.887 056	6	444	
557	9.804 034	9	9.916 985	15	0.083 015	9.887 050	7	443	
558	9.804 043	9	9.917 000	15	0.083 000	9.887 043	6	442	
559	9.804 052	10	9.917 015	16	0.082 985	9.887 037	6	441	
.560	9.804 062	9	9.917 031	15	0.082 969	9.887 031	7	.440	
561	9.804 071	9	9.917 046	16	0.082 954	9.887 024	6	439	
562	9.804 080	9	9.917 062	15	0.082 938	9.887 018	6	438	
563	9.804 089	9	9.917 077	16	0.082 923	9.887 012	6	437	
564	9.804 098	10	9.917 093	15	0.082 907	9.887 006	7	436	
565	9.804 108	9	9.917 108	16	0.082 892	9.886 999	6	435	
566	9.804 117	9	9.917 124	15	0.082 876	9.886 993	6	434	
567	9.804 126	9	9.917 139	15	0.082 861	9.886 987	6	433	
568	9.804 135	9	9.917 154	16	0.082 846	9.886 981	7	432	
569	9.804 144	9	9.917 170	15	0.082 830	9.886 974	6	431	
.570	9.804 153	10	9.917 185	16	0.082 815	9.886 968	6	.430	
571	9.804 163	9	9.917 201	15	0.082 799	9.886 962	6	429	
572	9.804 172	9	9.917 216	16	0.082 784	9.886 956	7	428	
573	9.804 181	9	9.917 232	15	0.082 768	9.886 949	6	427	
574	9.804 190	9	9.917 247	15	0.082 753	9.886 943	6	426	
575	9.804 199	9	9.917 262	16	0.082 738	9.886 937	6	425	
576	9.804 208	10	9.917 278	15	0.082 722	9.886 931	7	424	
577	9.804 218	9	9.917 293	16	0.082 707	9.886 924	6	423	
578	9.804 227	9	9.917 309	15	0.082 691	9.886 918	6	422	
579	9.804 236	9	9.917 324	16	0.082 676	9.886 912	7	421	
.580	9.804 245	9	9.917 340	15	0.082 660	9.886 905	6	.420	
581	9.804 254	9	9.917 355	15	0.082 645	9.886 899	6	419	
582	9.804 263	9	9.917 370	16	0.082 630	9.886 893	6	418	
583	9.804 273	10	9.917 386	15	0.082 614	9.886 887	7	417	
584	9.804 282	9	9.917 401	16	0.082 599	9.886 880	6	416	
585	9.804 291	9	9.917 417	15	0.082 583	9.886 874	6	415	
586	9.804 300	9	9.917 432	16	0.082 568	9.886 868	6	414	
587	9.804 309	9	9.917 448	15	0.082 552	9.886 862	7	413	
588	9.804 318	9	9.917 463	16	0.082 537	9.886 855	6	412	
589	9.804 328	10	9.917 479	15	0.082 521	9.886 849	6	411	
.590	9.804 337	9	9.917 494	15	0.082 506	9.886 843	6	.410	
591	9.804 346	9	9.917 509	16	0.082 491	9.886 837	7	409	
592	9.804 355	9	9.917 525	15	0.082 475	9.886 830	6	408	
593	9.804 364	9	9.917 540	16	0.082 460	9.886 824	6	407	
594	9.804 373	10	9.917 556	15	0.082 444	9.886 818	7	406	
595	9.804 383	9	9.917 571	16	0.082 429	9.886 811	6	405	
596	9.804 392	9	9.917 587	15	0.082 413	9.886 805	6	404	
597	9.804 401	9	9.917 602	15	0.082 398	9.886 799	6	403	
598	9.804 410	9	9.917 617	16	0.082 383	9.886 793	7	402	
599	9.804 419	9	9.917 633	15	0.082 367	9.886 786	6	401	
.600	9.804 428		9.917 648		0.082 352	9.886 780		.400	
	cos	d	cotg	d	tang	sin	d	50°	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	10	9
1	1.0	0.9
2	2.0	1.8
3	3.0	2.7
4	4.0	3.6
5	5.0	4.5
6	6.0	5.4
7	7.0	6.3
8	8.0	7.2
9	9.0	8.1

	7	6
1	0.7	0.6
2	1.4	1.2
3	2.1	1.8
4	2.8	2.4
5	3.5	3.0
6	4.2	3.6
7	4.9	4.2
8	5.6	4.8
9	6.3	5.4

50°.450 — 50°.400

39°.600 — 39°.650

39°	sin	d	tang	d	cotg	cos	d		P.P.
.600	9.804 428	10	9.917 648	16	0.082 352	9.886 780	6	.400	
601	9.804 438	9	9.917 664	15	0.082 336	9.886 774	6	399	
602	9.804 447	9	9.917 679	16	0.082 321	9.886 768	7	398	
603	9.804 456	9	9.917 695	15	0.082 305	9.886 761	6	397	
604	9.804 465	9	9.917 710	15	0.082 290	9.886 755	6	396	
605	9.804 474	9	9.917 725	16	0.082 275	9.886 749	7	395	
606	9.804 483	10	9.917 741	15	0.082 259	9.886 742	6	394	
607	9.804 493	9	9.917 756	16	0.082 244	9.886 736	6	393	
608	9.804 502	9	9.917 772	15	0.082 228	9.886 730	6	392	
609	9.804 511	9	9.917 787	16	0.082 213	9.886 724	7	391	
.610	9.804 520	9	9.917 803	15	0.082 197	9.886 717	6	.390	
611	9.804 529	9	9.917 818	15	0.082 182	9.886 711	6	389	
612	9.804 538	9	9.917 833	16	0.082 167	9.886 705	6	388	
613	9.804 547	10	9.917 849	15	0.082 151	9.886 699	7	387	
614	9.804 557	9	9.917 864	16	0.082 136	9.886 692	6	386	
615	9.804 566	9	9.917 880	15	0.082 120	9.886 686	6	385	
616	9.804 575	9	9.917 895	16	0.082 105	9.886 680	7	384	
617	9.804 584	9	9.917 911	15	0.082 089	9.886 673	6	383	
618	9.804 593	9	9.917 926	16	0.082 074	9.886 667	6	382	
619	9.804 602	10	9.917 942	15	0.082 058	9.886 661	6	381	
.620	9.804 612	9	9.917 957	15	0.082 043	9.886 655	7	.380	
621	9.804 621	9	9.917 972	16	0.082 028	9.886 648	6	379	
622	9.804 630	9	9.917 988	15	0.082 012	9.886 642	6	378	
623	9.804 639	9	9.918 003	16	0.081 997	9.886 636	6	377	
624	9.804 648	9	9.918 019	15	0.081 981	9.886 630	7	376	
625	9.804 657	10	9.918 034	16	0.081 966	9.886 623	6	375	
626	9.804 667	9	9.918 050	15	0.081 950	9.886 617	6	374	
627	9.804 676	9	9.918 065	15	0.081 935	9.886 611	7	373	
628	9.804 685	9	9.918 080	16	0.081 920	9.886 604	6	372	
629	9.804 694	9	9.918 096	15	0.081 904	9.886 598	6	371	
.630	9.804 703	9	9.918 111	16	0.081 889	9.886 592	6	.370	
631	9.804 712	9	9.918 127	15	0.081 873	9.886 586	7	369	
632	9.804 721	10	9.918 142	16	0.081 858	9.886 579	6	368	
633	9.804 731	9	9.918 158	15	0.081 842	9.886 573	6	367	
634	9.804 740	9	9.918 173	15	0.081 827	9.886 567	7	366	
635	9.804 749	9	9.918 188	16	0.081 812	9.886 560	6	365	
636	9.804 758	9	9.918 204	15	0.081 796	9.886 554	6	364	
637	9.804 767	9	9.918 219	16	0.081 781	9.886 548	6	363	
638	9.804 776	9	9.918 235	15	0.081 765	9.886 542	7	362	
639	9.804 785	10	9.918 250	16	0.081 750	9.886 535	6	361	
.640	9.804 795	9	9.918 266	15	0.081 734	9.886 529	6	.360	
641	9.804 804	9	9.918 281	15	0.081 719	9.886 523	6	359	
642	9.804 813	9	9.918 296	16	0.081 704	9.886 517	7	358	
643	9.804 822	9	9.918 312	15	0.081 688	9.886 510	6	357	
644	9.804 831	9	9.918 327	16	0.081 673	9.886 504	6	356	
645	9.804 840	10	9.918 343	15	0.081 657	9.886 498	7	355	
646	9.804 850	9	9.918 358	16	0.081 642	9.886 491	6	354	
647	9.804 859	9	9.918 374	15	0.081 626	9.886 485	6	353	
648	9.804 868	9	9.918 389	15	0.081 611	9.886 479	6	352	
649	9.804 877	9	9.918 404	16	0.081 596	9.886 473	7	351	
.650	9.804 886		9.918 420		0.081 580	9.886 466		.350	
	cos	d	cotg	d	tang	sin	d	50°	P.P.

	16	15
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2	3.2	3.0
3	4.8	4.5
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5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	10	9
1	1.0	0.9
2	2.0	1.8
3	3.0	2.7
4	4.0	3.6
5	5.0	4.5
6	6.0	5.4
7	7.0	6.3
8	8.0	7.2
9	9.0	8.1

	7	6
1	0.7	0.6
2	1.4	1.2
3	2.1	1.8
4	2.8	2.4
5	3.5	3.0
6	4.2	3.6
7	4.9	4.2
8	5.6	4.8
9	6.3	5.4

50°.400 — 50°.350

39°.650 — 39°.700

39°	sin	d	tang	d	cotg	cos	d		P.P.
.650	9.804 886		9.918 420		0.081 580	9.886 466		**.350**	
		9		15			6		
651	9.804 895		9.918 435		0.081 565	9.886 460		349	
652	9.804 904	9	9.918 451	16	0.081 549	9.886 454	6	348	
653	9.804 914	10	9.918 466	15	0.081 534	9.886 447	7	347	
		9		16			6		
654	9.804 923		9.918 482		0.081 518	9.886 441		346	
655	9.804 932	9	9.918 497	15	0.081 503	9.886 435	6	345	
656	9.804 941	9	9.918 512	15	0.081 488	9.886 429	6	344	
		9		16			7		
657	9.804 950		9.918 528		0.081 472	9.886 422		343	
658	9.804 959	9	9.918 543	15	0.081 457	9.886 416	6	342	
659	9.804 968	9	9.918 559	16	0.081 441	9.886 410	6	341	
		10		15			7		
.660	9.804 978		9.918 574		0.081 426	9.886 403		**.340**	
		9		16			6		
661	9.804 987		9.918 590		0.081 410	9.886 397		339	
662	9.804 996	9	9.918 605	15	0.081 395	9.886 391	6	338	
663	9.805 005	9	9.918 620	15	0.081 380	9.886 385	6	337	
		9		16			7		
664	9.805 014		9.918 636		0.081 364	9.886 378		336	
665	9.805 023	9	9.918 651	15	0.081 349	9.886 372	6	335	
666	9.805 032	9	9.918 667	16	0.081 333	9.886 366	6	334	
		10		15			7		
667	9.805 042		9.918 682		0.081 318	9.886 359		333	
668	9.805 051	9	9.918 698	16	0.081 302	9.886 353	6	332	
669	9.805 060	9	9.918 713	15	0.081 287	9.886 347	6	331	
		9		15			6		
.670	9.805 069		9.918 728		0.081 272	9.886 341		**.330**	
		9		16			7		
671	9.805 078		9.918 744		0.081 256	9.886 334		329	
672	9.805 087	9	9.918 759	15	0.081 241	9.886 328	6	328	
673	9.805 096	9	9.918 775	16	0.081 225	9.886 322	6	327	
		10		15			7		
674	9.805 106		9.918 790		0.081 210	9.886 315		326	
675	9.805 115	9	9.918 805	15	0.081 195	9.886 309	6	325	
676	9.805 124	9	9.918 821	16	0.081 179	9.886 303	6	324	
		9		15			6		
677	9.805 133		9.918 836		0.081 164	9.886 297		323	
678	9.805 142	9	9.918 852	16	0.081 148	9.886 290	7	322	
679	9.805 151	9	9.918 867	15	0.081 133	9.886 284	6	321	
		9		16			6		
.680	9.805 160		9.918 883		0.081 117	9.886 278		**.320**	
		9		15			7		
681	9.805 169		9.918 898		0.081 102	9.886 271		319	
682	9.805 179	10	9.918 913	15	0.081 087	9.886 265	6	318	
683	9.805 188	9	9.918 929	16	0.081 071	9.886 259	6	317	
		9		15			6		
684	9.805 197		9.918 944		0.081 056	9.886 253		316	
685	9.805 206	9	9.918 960	16	0.081 040	9.886 246	7	315	
686	9.805 215	9	9.918 975	15	0.081 025	9.886 240	6	314	
		9		16			6		
687	9.805 224		9.918 991		0.081 009	9.886 234		313	
688	9.805 233	9	9.919 006	15	0.080 994	9.886 227	7	312	
689	9.805 243	10	9.919 021	15	0.080 979	9.886 221	6	311	
		9		16			6		
.690	9.805 252		9.919 037		0.080 963	9.886 215		**.310**	
		9		15			6		
691	9.805 261		9.919 052		0.080 948	9.886 209		309	
692	9.805 270	9	9.919 068	16	0.080 932	9.886 202	7	308	
693	9.805 279	9	9.919 083	15	0.080 917	9.886 196	6	307	
		9		16			6		
694	9.805 288		9.919 099		0.080 901	9.886 190		306	
695	9.805 297	9	9.919 114	15	0.080 886	9.886 183	7	305	
696	9.805 307	10	9.919 129	15	0.080 871	9.886 177	6	304	
		9		16			6		
697	9.805 316		9.919 145		0.080 855	9.886 171		303	
698	9.805 325	9	9.919 160	15	0.080 840	9.886 165	6	302	
699	9.805 334	9	9.919 176	16	0.080 824	9.886 158	7	301	
		9		15			6		
.700	9.805 343		9.919 191		0.080 809	9.886 152		**.300**	
	cos	d	cotg	d	tang	sin	d	**50°**	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	10	9
1	1.0	0.9
2	2.0	1.8
3	3.0	2.7
4	4.0	3.6
5	5.0	4.5
6	6.0	5.4
7	7.0	6.3
8	8.0	7.2
9	9.0	8.1

	7	6
1	0.7	0.6
2	1.4	1.2
3	2.1	1.8
4	2.8	2.4
5	3.5	3.0
6	4.2	3.6
7	4.9	4.2
8	5.6	4.8
9	6.3	5.4

50°.350 — 50°.300

39°.700 — 39°.750

39°	sin	d	tang	d	cotg	cos	d		P.P.
.700	9.805 343	9	9.919 191	16	0.080 809	9.886 152	6	.300	
701	9.805 352	9	9.919 207	15	0.080 793	9.886 146	7	299	
702	9.805 361	9	9.919 222	15	0.080 778	9.886 139	6	298	
703	9.805 370	10	9.919 237	16	0.080 763	9.886 133	6	297	
704	9.805 380	9	9.919 253	15	0.080 747	9.886 127	7	296	
705	9.805 389	9	9.919 268	16	0.080 732	9.886 120	6	295	
706	9.805 398	9	9.919 284	15	0.080 716	9.886 114	6	294	
707	9.805 407	9	9.919 299	15	0.080 701	9.886 108	6	293	
708	9.805 416	9	9.919 314	16	0.080 686	9.886 102	7	292	
709	9.805 425	9	9.919 330	15	0.080 670	9.886 095	6	291	
.710	9.805 434	9	9.919 345	16	0.080 655	9.886 089	6	.290	
711	9.805 443	10	9.919 361	15	0.080 639	9.886 083	7	289	
712	9.805 453	9	9.919 376	16	0.080 624	9.886 076	6	288	
713	9.805 462	9	9.919 392	15	0.080 608	9.886 070	6	287	
714	9.805 471	9	9.919 407	15	0.080 593	9.886 064	6	286	
715	9.805 480	9	9.919 422	16	0.080 578	9.886 058	7	285	
716	9.805 489	9	9.919 438	15	0.080 562	9.886 051	6	284	
717	9.805 498	9	9.919 453	16	0.080 547	9.886 045	6	283	
718	9.805 507	9	9.919 469	15	0.080 531	9.886 039	7	282	
719	9.805 516	10	9.919 484	16	0.080 516	9.886 032	6	281	
.720	9.805 526	9	9.919 500	15	0.080 500	9.886 026	6	.280	
721	9.805 535	9	9.919 515	15	0.080 485	9.886 020	7	279	
722	9.805 544	9	9.919 530	16	0.080 470	9.886 013	6	278	
723	9.805 553	9	9.919 546	15	0.080 454	9.886 007	6	277	
724	9.805 562	9	9.919 561	16	0.080 439	9.886 001	6	276	
725	9.805 571	9	9.919 577	15	0.080 423	9.885 995	7	275	
726	9.805 580	9	9.919 592	15	0.080 408	9.885 988	6	274	
727	9.805 589	10	9.919 607	16	0.080 393	9.885 982	6	273	
728	9.805 599	9	9.919 623	15	0.080 377	9.885 976	7	272	
729	9.805 608	9	9.919 638	16	0.080 362	9.885 969	6	271	
.730	9.805 617	9	9.919 654	15	0.080 346	9.885 963	6	.270	
731	9.805 626	9	9.919 669	16	0.080 331	9.885 957	7	269	
732	9.805 635	9	9.919 685	15	0.080 315	9.885 950	6	268	
733	9.805 644	9	9.919 700	15	0.080 300	9.885 944	6	267	
734	9.805 653	9	9.919 715	16	0.080 285	9.885 938	6	266	
735	9.805 662	9	9.919 731	15	0.080 269	9.885 932	7	265	
736	9.805 671	10	9.919 746	16	0.080 254	9.885 925	6	264	
737	9.805 681	9	9.919 762	15	0.080 238	9.885 919	6	263	
738	9.805 690	9	9.919 777	16	0.080 223	9.885 913	7	262	
739	9.805 699	9	9.919 793	15	0.080 207	9.885 906	6	261	
.740	9.805 708	9	9.919 808	15	0.080 192	9.885 900	6	.260	
741	9.805 717	9	9.919 823	16	0.080 177	9.885 894	7	259	
742	9.805 726	9	9.919 839	15	0.080 161	9.885 887	6	258	
743	9.805 735	9	9.919 854	16	0.080 146	9.885 881	6	257	
744	9.805 744	10	9.919 870	15	0.080 130	9.885 875	6	256	
745	9.805 754	9	9.919 885	15	0.080 115	9.885 869	7	255	
746	9.805 763	9	9.919 900	16	0.080 100	9.885 862	6	254	
747	9.805 772	9	9.919 916	15	0.080 084	9.885 856	6	253	
748	9.805 781	9	9.919 931	16	0.080 069	9.885 850	7	252	
749	9.805 790	9	9.919 947	15	0.080 053	9.885 843	6	251	
.750	9.805 799		9.919 962		0.080 038	9.885 837		.250	
	cos	d	cotg	d	tang	sin	d	50°	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	10	9
1	1.0	0.9
2	2.0	1.8
3	3.0	2.7
4	4.0	3.6
5	5.0	4.5
6	6.0	5.4
7	7.0	6.3
8	8.0	7.2
9	9.0	8.1

	7	6
1	0.7	0.6
2	1.4	1.2
3	2.1	1.8
4	2.8	2.4
5	3.5	3.0
6	4.2	3.6
7	4.9	4.2
8	5.6	4.8
9	6.3	5.4

50°.300 — 50°.250

39°.750 — 39°.800

39°	sin	d	tang	d	cotg	cos	d		P.P.
.750	9.805 799	9	9.919 962	16	0.080 038	9.885 837	6	.250	
751	9.805 808	9	9.919 978	15	0.080 022	9.885 831	7	249	
752	9.805 817	9	9.919 993	15	0.080 007	9.885 824	6	248	
753	9.805 826	10	9.920 008	16	0.079 992	9.885 818	6	247	
754	9.805 836	9	9.920 024	15	0.079 976	9.885 812	7	246	
755	9.805 845	9	9.920 039	16	0.079 961	9.885 805	6	245	
756	9.805 854	9	9.920 055	15	0.079 945	9.885 799	6	244	
757	9.805 863	9	9.920 070	15	0.079 930	9.885 793	6	243	
758	9.805 872	9	9.920 085	16	0.079 915	9.885 787	7	242	
759	9.805 881	9	9.920 101	15	0.079 899	9.885 780	6	241	
.760	9.805 890	9	9.920 116	16	0.079 884	9.885 774	6	.240	
761	9.805 899	9	9.920 132	15	0.079 868	9.885 768	7	239	
762	9.805 908	9	9.920 147	16	0.079 853	9.885 761	6	238	
763	9.805 918	10	9.920 163	15	0.079 837	9.885 755	6	237	
764	9.805 927	9	9.920 178	15	0.079 822	9.885 749	7	236	
765	9.805 936	9	9.920 193	16	0.079 807	9.885 742	6	235	
766	9.805 945	9	9.920 209	15	0.079 791	9.885 736	6	234	
767	9.805 954	9	9.920 224	16	0.079 776	9.885 730	7	233	
768	9.805 963	9	9.920 240	15	0.079 760	9.885 723	6	232	
769	9.805 972	9	9.920 255	15	0.079 745	9.885 717	6	231	
.770	9.805 981	9	9.920 270	16	0.079 730	9.885 711	6	.230	
771	9.805 990	9	9.920 286	15	0.079 714	9.885 705	7	229	
772	9.806 000	10	9.920 301	16	0.079 699	9.885 698	6	228	
773	9.806 009	9	9.920 317	15	0.079 683	9.885 692	6	227	
774	9.806 018	9	9.920 332	16	0.079 668	9.885 686	7	226	
775	9.806 027	9	9.920 348	15	0.079 652	9.885 679	6	225	
776	9.806 036	9	9.920 363	15	0.079 637	9.885 673	6	224	
777	9.806 045	9	9.920 378	16	0.079 622	9.885 667	7	223	
778	9.806 054	9	9.920 394	15	0.079 606	9.885 660	6	222	
779	9.806 063	9	9.920 409	16	0.079 591	9.885 654	6	221	
.780	9.806 072	9	9.920 425	15	0.079 575	9.885 648	7	.220	
781	9.806 081	9	9.920 440	15	0.079 560	9.885 641	6	219	
782	9.806 091	10	9.920 455	16	0.079 545	9.885 635	6	218	
783	9.806 100	9	9.920 471	15	0.079 529	9.885 629	6	217	
784	9.806 109	9	9.920 486	16	0.079 514	9.885 623	7	216	
785	9.806 118	9	9.920 502	15	0.079 498	9.885 616	6	215	
786	9.806 127	9	9.920 517	16	0.079 483	9.885 610	6	214	
787	9.806 136	9	9.920 533	15	0.079 467	9.885 604	7	213	
788	9.806 145	9	9.920 548	15	0.079 452	9.885 597	6	212	
789	9.806 154	9	9.920 563	16	0.079 437	9.885 591	6	211	
.790	9.806 163	10	9.920 579	15	0.079 421	9.885 585	7	.210	
791	9.806 173	9	9.920 594	16	0.079 406	9.885 578	6	209	
792	9.806 182	9	9.920 610	15	0.079 390	9.885 572	6	208	
793	9.806 191	9	9.920 625	15	0.079 375	9.885 566	7	207	
794	9.806 200	9	9.920 640	16	0.079 360	9.885 559	6	206	
795	9.806 209	9	9.920 656	15	0.079 344	9.885 553	6	205	
796	9.806 218	9	9.920 671	16	0.079 329	9.885 547	7	204	
797	9.806 227	9	9.920 687	15	0.079 313	9.885 540	6	203	
798	9.806 236	9	9.920 702	15	0.079 298	9.885 534	6	202	
799	9.806 245	9	9.920 717	16	0.079 283	9.885 528	6	201	
.800	9.806 254		9.920 733		0.079 267	9.885 522		.200	
	cos	d	cotg	d	tang	sin	d	50°	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	10	9
1	1.0	0.9
2	2.0	1.8
3	3.0	2.7
4	4.0	3.6
5	5.0	4.5
6	6.0	5.4
7	7.0	6.3
8	8.0	7.2
9	9.0	8.1

	7	6
1	0.7	0.6
2	1.4	1.2
3	2.1	1.8
4	2.8	2.4
5	3.5	3.0
6	4.2	3.6
7	4.9	4.2
8	5.6	4.8
9	6.3	5.4

50°.250 — 50°.200

39°.800 — 39°.850

39°	sin	d	tang	d	cotg	cos	d		P.P.
.800	9.806 254	10	9.920 733	15	0.079 267	9.885 522	7	**.200**	
801	9.806 264	9	9.920 748	16	0.079 252	9.885 515	6	199	
802	9.806 273	9	9.920 764	15	0.079 236	9.885 509	6	198	
803	9.806 282	9	9.920 779	16	0.079 221	9.885 503	7	197	
804	9.806 291	9	9.920 795	15	0.079 205	9.885 496	6	196	
805	9.806 300	9	9.920 810	15	0.079 190	9.885 490	6	195	
806	9.806 309	9	9.920 825	16	0.079 175	9.885 484	7	194	
807	9.806 318	9	9.920 841	15	0.079 159	9.885 477	6	193	
808	9.806 327	9	9.920 856	16	0.079 144	9.885 471	6	192	
809	9.806 336	9	9.920 872	15	0.079 128	9.885 465	7	191	
.810	9.806 345	9	9.920 887	15	0.079 113	9.885 458	6	**.190**	
811	9.806 354	10	9.920 902	16	0.079 098	9.885 452	6	189	
812	9.806 364	9	9.920 918	15	0.079 082	9.885 446	7	188	
813	9.806 373	9	9.920 933	16	0.079 067	9.885 439	6	187	
814	9.806 382	9	9.920 949	15	0.079 051	9.885 433	6	186	
815	9.806 391	9	9.920 964	15	0.079 036	9.885 427	7	185	
816	9.806 400	9	9.920 979	16	0.079 021	9.885 420	6	184	
817	9.806 409	9	9.920 995	15	0.079 005	9.885 414	6	183	
818	9.806 418	9	9.921 010	16	0.078 990	9.885 408	7	182	
819	9.806 427	9	9.921 026	15	0.078 974	9.885 401	6	181	
.820	9.806 436	9	9.921 041	16	0.078 959	9.885 395	6	**.180**	
821	9.806 445	9	9.921 057	15	0.078 943	9.885 389	6	179	
822	9.806 454	10	9.921 072	15	0.078 928	9.885 383	7	178	
823	9.806 464	9	9.921 087	16	0.078 913	9.885 376	6	177	
824	9.806 473	9	9.921 103	15	0.078 897	9.885 370	6	176	
825	9.806 482	9	9.921 118	16	0.078 882	9.885 364	7	175	
826	9.806 491	9	9.921 134	15	0.078 866	9.885 357	6	174	
827	9.806 500	9	9.921 149	15	0.078 851	9.885 351	6	173	
828	9.806 509	9	9.921 164	16	0.078 836	9.885 345	7	172	
829	9.806 518	9	9.921 180	15	0.078 820	9.885 338	6	171	
.830	9.806 527	9	9.921 195	16	0.078 805	9.885 332	6	**.170**	
831	9.806 536	9	9.921 211	15	0.078 789	9.885 326	7	169	
832	9.806 545	9	9.921 226	15	0.078 774	9.885 319	6	168	
833	9.806 554	10	9.921 241	16	0.078 759	9.885 313	6	167	
834	9.806 564	9	9.921 257	15	0.078 743	9.885 307	7	166	
835	9.806 573	9	9.921 272	16	0.078 728	9.885 300	6	165	
836	9.806 582	9	9.921 288	15	0.078 712	9.885 294	6	164	
837	9.806 591	9	9.921 303	16	0.078 697	9.885 288	7	163	
838	9.806 600	9	9.921 319	15	0.078 681	9.885 281	6	162	
839	9.806 609	9	9.921 334	15	0.078 666	9.885 275	6	161	
.840	9.806 618	9	9.921 349	16	0.078 651	9.885 269	7	**.160**	
841	9.806 627	9	9.921 365	15	0.078 635	9.885 262	6	159	
842	9.806 636	9	9.921 380	16	0.078 620	9.885 256	6	158	
843	9.806 645	9	9.921 396	15	0.078 604	9.885 250	7	157	
844	9.806 654	9	9.921 411	15	0.078 589	9.885 243	6	156	
845	9.806 663	10	9.921 426	16	0.078 574	9.885 237	6	155	
846	9.806 673	9	9.921 442	15	0.078 558	9.885 231	7	154	
847	9.806 682	9	9.921 457	16	0.078 543	9.885 224	6	153	
848	9.806 691	9	9.921 473	15	0.078 527	9.885 218	6	152	
849	9.806 700	9	9.921 488	15	0.078 512	9.885 212	7	151	
.850	9.806 709		9.921 503		0.078 497	9.885 205		**.150**	
	cos	d	cotg	d	tang	sin	d	**50°**	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	10	9
1	1.0	0.9
2	2.0	1.8
3	3.0	2.7
4	4.0	3.6
5	5.0	4.5
6	6.0	5.4
7	7.0	6.3
8	8.0	7.2
9	9.0	8.1

	7	6
1	0.7	0.6
2	1.4	1.2
3	2.1	1.8
4	2.8	2.4
5	3.5	3.0
6	4.2	3.6
7	4.9	4.2
8	5.6	4.8
9	6.3	5.4

50°.200 — 50°.150

39°.850 — 39°.900

39°	sin	d	tang	d	cotg	cos	d		P.P.
.850	9.806 709	9	9.921 503	16	0.078 497	9.885 205	6	**.150**	
851	9.806 718	9	9.921 519	15	0.078 481	9.885 199	6	149	
852	9.806 727	9	9.921 534	16	0.078 466	9.885 193	7	148	
853	9.806 736	9	9.921 550	15	0.078 450	9.885 186	6	147	
854	9.806 745	9	9.921 565	15	0.078 435	9.885 180	6	146	
855	9.806 754	9	9.921 580	16	0.078 420	9.885 174	6	145	
856	9.806 763	9	9.921 596	15	0.078 404	9.885 168	7	144	
857	9.806 772	10	9.921 611	16	0.078 389	9.885 161	6	143	
858	9.806 782	9	9.921 627	15	0.078 373	9.885 155	6	142	
859	9.806 791	9	9.921 642	15	0.078 358	9.885 149	7	141	
.860	9.806 800	9	9.921 657	16	0.078 343	9.885 142	6	**.140**	
861	9.806 809	9	9.921 673	15	0.078 327	9.885 136	6	139	
862	9.806 818	9	9.921 688	16	0.078 312	9.885 130	7	138	
863	9.806 827	9	9.921 704	15	0.078 296	9.885 123	6	137	
864	9.806 836	9	9.921 719	16	0.078 281	9.885 117	6	136	
865	9.806 845	9	9.921 735	15	0.078 265	9.885 111	7	135	
866	9.806 854	9	9.921 750	15	0.078 250	9.885 104	6	134	
867	9.806 863	9	9.921 765	16	0.078 235	9.885 098	6	133	
868	9.806 872	9	9.921 781	15	0.078 219	9.885 092	7	132	
869	9.806 881	9	9.921 796	16	0.078 204	9.885 085	6	131	
.870	9.806 890	10	9.921 812	15	0.078 188	9.885 079	6	**.130**	
871	9.806 900	9	9.921 827	15	0.078 173	9.885 073	7	129	
872	9.806 909	9	9.921 842	16	0.078 158	9.885 066	6	128	
873	9.806 918	9	9.921 858	15	0.078 142	9.885 060	6	127	
874	9.806 927	9	9.921 873	16	0.078 127	9.885 054	7	126	
875	9.806 936	9	9.921 889	15	0.078 111	9.885 047	6	125	
876	9.806 945	9	9.921 904	15	0.078 096	9.885 041	6	124	
877	9.806 954	9	9.921 919	16	0.078 081	9.885 035	7	123	
878	9.806 963	9	9.921 935	15	0.078 065	9.885 028	6	122	
879	9.806 972	9	9.921 950	16	0.078 050	9.885 022	6	121	
.880	9.806 981	9	9.921 966	15	0.078 034	9.885 016	7	**.120**	
881	9.806 990	9	9.921 981	15	0.078 019	9.885 009	6	119	
882	9.806 999	9	9.921 996	16	0.078 004	9.885 003	6	118	
883	9.807 008	9	9.922 012	15	0.077 988	9.884 997	7	117	
884	9.807 017	10	9.922 027	16	0.077 973	9.884 990	6	116	
885	9.807 027	9	9.922 043	15	0.077 957	9.884 984	6	115	
886	9.807 036	9	9.922 058	15	0.077 942	9.884 978	7	114	
887	9.807 045	9	9.922 073	16	0.077 927	9.884 971	6	113	
888	9.807 054	9	9.922 089	15	0.077 911	9.884 965	6	112	
889	9.807 063	9	9.922 104	16	0.077 896	9.884 959	7	111	
.890	9.807 072	9	9.922 120	15	0.077 880	9.884 952	6	**.110**	
891	9.807 081	9	9.922 135	15	0.077 865	9.884 946	6	109	
892	9.807 090	9	9.922 150	16	0.077 850	9.884 940	7	108	
893	9.807 099	9	9.922 166	15	0.077 834	9.884 933	6	107	
894	9.807 108	9	9.922 181	16	0.077 819	9.884 927	6	106	
895	9.807 117	9	9.922 197	15	0.077 803	9.884 921	7	105	
896	9.807 126	9	9.922 212	15	0.077 788	9.884 914	6	104	
897	9.807 135	9	9.922 227	16	0.077 773	9.884 908	6	103	
898	9.807 144	9	9.922 243	15	0.077 757	9.884 902	7	102	
899	9.807 153	10	9.922 258	16	0.077 742	9.884 895	6	101	
.900	9.807 163		9.922 274		0.077 726	9.884 889		**.100**	
	cos	d	cotg	d	tang	sin	d	**50°**	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	10	9
1	1.0	0.9
2	2.0	1.8
3	3.0	2.7
4	4.0	3.6
5	5.0	4.5
6	6.0	5.4
7	7.0	6.3
8	8.0	7.2
9	9.0	8.1

	7	6
1	0.7	0.6
2	1.4	1.2
3	2.1	1.8
4	2.8	2.4
5	3.5	3.0
6	4.2	3.6
7	4.9	4.2
8	5.6	4.8
9	6.3	5.4

50°.150 — 50°.100

39°.900 — 39°.950

39°	sin	d	tang	d	cotg	cos	d		P.P.
.900	9.807 163	9	9.922 274	15	0.077 726	9.884 889	6	**.100**	
901	9.807 172	9	9.922 289	15	0.077 711	9.884 883	7	099	
902	9.807 181	9	9.922 304	16	0.077 696	9.884 876	6	098	
903	9.807 190	9	9.922 320	15	0.077 680	9.884 870	6	097	
904	9.807 199	9	9.922 335	16	0.077 665	9.884 864	7	096	
905	9.807 208	9	9.922 351	15	0.077 649	9.884 857	6	095	
906	9.807 217	9	9.922 366	16	0.077 634	9.884 851	7	094	
907	9.807 226	9	9.922 382	15	0.077 618	9.884 844	6	093	
908	9.807 235	9	9.922 397	15	0.077 603	9.884 838	6	092	
909	9.807 244	9	9.922 412	16	0.077 588	9.884 832	7	091	
.910	9.807 253	9	9.922 428	15	0.077 572	9.884 825	6	**.090**	
911	9.807 262	9	9.922 443	16	0.077 557	9.884 819	6	089	
912	9.807 271	9	9.922 459	15	0.077 541	9.884 813	7	088	
913	9.807 280	9	9.922 474	15	0.077 526	9.884 806	6	087	
914	9.807 289	10	9.922 489	16	0.077 511	9.884 800	6	086	
915	9.807 299	9	9.922 505	15	0.077 495	9.884 794	7	085	
916	9.807 308	9	9.922 520	16	0.077 480	9.884 787	6	084	
917	9.807 317	9	9.922 536	15	0.077 464	9.884 781	6	083	
918	9.807 326	9	9.922 551	15	0.077 449	9.884 775	7	082	
919	9.807 335	9	9.922 566	16	0.077 434	9.884 768	6	081	
.920	9.807 344	9	9.922 582	15	0.077 418	9.884 762	6	**.080**	
921	9.807 353	9	9.922 597	16	0.077 403	9.884 756	7	079	
922	9.807 362	9	9.922 613	15	0.077 387	9.884 749	6	078	
923	9.807 371	9	9.922 628	15	0.077 372	9.884 743	6	077	
924	9.807 380	9	9.922 643	16	0.077 357	9.884 737	7	076	
925	9.807 389	9	9.922 659	15	0.077 341	9.884 730	6	075	
926	9.807 398	9	9.922 674	16	0.077 326	9.884 724	6	074	
927	9.807 407	9	9.922 690	15	0.077 310	9.884 718	7	073	
928	9.807 416	9	9.922 705	15	0.077 295	9.884 711	6	072	
929	9.807 425	9	9.922 720	16	0.077 280	9.884 705	6	071	
.930	9.807 434	9	9.922 736	15	0.077 264	9.884 699	7	**.070**	
931	9.807 443	9	9.922 751	16	0.077 249	9.884 692	6	069	
932	9.807 452	9	9.922 767	15	0.077 233	9.884 686	6	068	
933	9.807 462	10	9.922 782	15	0.077 218	9.884 680	7	067	
934	9.807 471	9	9.922 797	16	0.077 203	9.884 673	6	066	
935	9.807 480	9	9.922 813	15	0.077 187	9.884 667	6	065	
936	9.807 489	9	9.922 828	16	0.077 172	9.884 661	7	064	
937	9.807 498	9	9.922 844	15	0.077 156	9.884 654	6	063	
938	9.807 507	9	9.922 859	15	0.077 141	9.884 648	6	062	
939	9.807 516	9	9.922 874	16	0.077 126	9.884 642	7	061	
.940	9.807 525	9	9.922 890	15	0.077 110	9.884 635	6	**.060**	
941	9.807 534	9	9.922 905	16	0.077 095	9.884 629	7	059	
942	9.807 543	9	9.922 921	15	0.077 079	9.884 622	6	058	
943	9.807 552	9	9.922 936	15	0.077 064	9.884 616	6	057	
944	9.807 561	9	9.922 951	16	0.077 049	9.884 610	7	056	
945	9.807 570	9	9.922 967	15	0.077 033	9.884 603	6	055	
946	9.807 579	9	9.922 982	16	0.077 018	9.884 597	6	054	
947	9.807 588	9	9.922 998	15	0.077 002	9.884 591	7	053	
948	9.807 597	9	9.923 013	15	0.076 987	9.884 584	6	052	
949	9.807 606	9	9.923 028	16	0.076 972	9.884 578	6	051	
.950	9.807 615		9.923 044		0.076 956	9.884 572		**.050**	
	cos	d	cotg	d	tang	sin	d	50°	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	10	9
1	1.0	0.9
2	2.0	1.8
3	3.0	2.7
4	4.0	3.6
5	5.0	4.5
6	6.0	5.4
7	7.0	6.3
8	8.0	7.2
9	9.0	8.1

	7	6
1	0.7	0.6
2	1.4	1.2
3	2.1	1.8
4	2.8	2.4
5	3.5	3.0
6	4.2	3.6
7	4.9	4.2
8	5.6	4.8
9	6.3	5.4

50°.100 — 50°.050

39°.950 — 40°.000

39°	sin	d	tang	d	cotg	cos	d		P.P.
.950	9.807 615		9.923 044		0.076 956	9.884 572		**.050**	
		9		15			7		
951	9.807 624		9.923 059		0.076 941	9.884 565		049	
		10		16			6		
952	9.807 634		9.923 075		0.076 925	9.884 559		048	
		9		15			6		
953	9.807 643		9.923 090		0.076 910	9.884 553		047	
		9		15			7		
954	9.807 652		9.923 105		0.076 895	9.884 546		046	
		9		16			6		
955	9.807 661		9.923 121		0.076 879	9.884 540		045	
		9		15			6		
956	9.807 670		9.923 136		0.076 864	9.884 534		044	
		9		16			7		
957	9.807 679		9.923 152		0.076 848	9.884 527		043	
		9		15			6		
958	9.807 688		9.923 167		0.076 833	9.884 521		042	
		9		15			6		
959	9.807 697		9.923 182		0.076 818	9.884 515		041	
		9		16			7		
.960	9.807 706		9.923 198		0.076 802	9.884 508		**.040**	
		9		15			6		
961	9.807 715		9.923 213		0.076 787	9.884 502		039	
		9		16			7		
962	9.807 724		9.923 229		0.076 771	9.884 495		038	
		9		15			6		
963	9.807 733		9.923 244		0.076 756	9.884 489		037	
		9		15			6		
964	9.807 742		9.923 259		0.076 741	9.884 483		036	
		9		16			7		
965	9.807 751		9.923 275		0.076 725	9.884 476		035	
		9		15			6		
966	9.807 760		9.923 290		0.076 710	9.884 470		034	
		9		15			6		
967	9.807 769		9.923 305		0.076 695	9.884 464		033	
		9		16			7		
968	9.807 778		9.923 321		0.076 679	9.884 457		032	
		9		15			6		
969	9.807 787		9.923 336		0.076 664	9.884 451		031	
		9		16			6		
.970	9.807 796		9.923 352		0.076 648	9.884 445		**.030**	
		9		15			7		
971	9.807 805		9.923 367		0.076 633	9.884 438		029	
		9		15			6		
972	9.807 814		9.923 382		0.076 618	9.884 432		028	
		9		16			6		
973	9.807 823		9.923 398		0.076 602	9.884 426		027	
		10		15			7		
974	9.807 833		9.923 413		0.076 587	9.884 419		026	
		9		16			6		
975	9.807 842		9.923 429		0.076 571	9.884 413		025	
		9		15			6		
976	9.807 851		9.923 444		0.076 556	9.884 407		024	
		9		15			7		
977	9.807 860		9.923 459		0.076 541	9.884 400		023	
		9		16			6		
978	9.807 869		9.923 475		0.076 525	9.884 394		022	
		9		15			7		
979	9.807 878		9.923 490		0.076 510	9.884 387		021	
		9		16			6		
.980	9.807 887		9.923 506		0.076 494	9.884 381		**.020**	
		9		15			6		
981	9.807 896		9.923 521		0.076 479	9.884 375		019	
		9		15			7		
982	9.807 905		9.923 536		0.076 464	9.884 368		018	
		9		16			6		
983	9.807 914		9.923 552		0.076 448	9.884 362		017	
		9		15			6		
984	9.807 923		9.923 567		0.076 433	9.884 356		016	
		9		16			7		
985	9.807 932		9.923 583		0.076 417	9.884 349		015	
		9		15			6		
986	9.807 941		9.923 598		0.076 402	9.884 343		014	
		9		15			6		
987	9.807 950		9.923 613		0.076 387	9.884 337		013	
		9		16			7		
988	9.807 959		9.923 629		0.076 371	9.884 330		012	
		9		15			6		
989	9.807 968		9.923 644		0.076 356	9.884 324		011	
		9		16			6		
.990	9.807 977		9.923 660		0.076 340	9.884 318		**.010**	
		9		15			7		
991	9.807 986		9.923 675		0.076 325	9.884 311		009	
		9		15			6		
992	9.807 995		9.923 690		0.076 310	9.884 305		008	
		9		16			7		
993	9.808 004		9.923 706		0.076 294	9.884 298		007	
		9		15			6		
994	9.808 013		9.923 721		0.076 279	9.884 292		006	
		9		16			6		
995	9.808 022		9.923 737		0.076 263	9.884 286		005	
		9		15			7		
996	9.808 031		9.923 752		0.076 248	9.884 279		004	
		9		15			6		
997	9.808 040		9.923 767		0.076 233	9.884 273		003	
		9		16			6		
998	9.808 049		9.923 783		0.076 217	9.884 267		002	
		9		15			7		
999	9.808 058		9.923 798		0.076 202	9.884 260		001	
		9		16			6		
***000**	9.808 067		9.923 814		0.076 186	9.884 254		**.000**	
	cos	d	cotg	d	tang	sin	d	**50°**	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
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5	8.0	7.5
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7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	10	9
1	1.0	0.9
2	2.0	1.8
3	3.0	2.7
4	4.0	3.6
5	5.0	4.5
6	6.0	5.4
7	7.0	6.3
8	8.0	7.2
9	9.0	8.1

	7	6
1	0.7	0.6
2	1.4	1.2
3	2.1	1.8
4	2.8	2.4
5	3.5	3.0
6	4.2	3.6
7	4.9	4.2
8	5.6	4.8
9	6.3	5.4

50°.050 — 50°.000

40°.000 — 40°.050

40°	sin	d	tang	d	cotg	cos	d		P.P.
.000	9.808 067	10	9.923 814	15	0.076 186	9.884 254	6	*000	
001	9.808 077	9	9.923 829	15	0.076 171	9.884 248	7	999	
002	9.808 086	9	9.923 844	16	0.076 156	9.884 241	6	998	
003	9.808 095	9	9.923 860	15	0.076 140	9.884 235	6	997	
004	9.808 104	9	9.923 875	15	0.076 125	9.884 229	7	996	
005	9.808 113	9	9.923 890	16	0.076 110	9.884 222	6	995	
006	9.808 122	9	9.923 906	15	0.076 094	9.884 216	7	994	
007	9.808 131	9	9.923 921	16	0.076 079	9.884 209	6	993	
008	9.808 140	9	9.923 937	15	0.076 063	9.884 203	6	992	
009	9.808 149	9	9.923 952	15	0.076 048	9.884 197	7	991	
.010	9.808 158	9	9.923 967	16	0.076 033	9.884 190	6	**.990**	
011	9.808 167	9	9.923 983	15	0.076 017	9.884 184	6	989	
012	9.808 176	9	9.923 998	16	0.076 002	9.884 178	7	988	
013	9.808 185	9	9.924 014	15	0.075 986	9.884 171	6	987	
014	9.808 194	9	9.924 029	15	0.075 971	9.884 165	6	986	
015	9.808 203	9	9.924 044	16	0.075 956	9.884 159	7	985	
016	9.808 212	9	9.924 060	15	0.075 940	9.884 152	6	984	
017	9.808 221	9	9.924 075	16	0.075 925	9.884 146	7	983	
018	9.808 230	9	9.924 091	15	0.075 909	9.884 139	6	982	
019	9.808 239	9	9.924 106	15	0.075 894	9.884 133	6	981	
.020	9.808 248	9	9.924 121	16	0.075 879	9.884 127	7	**.980**	
021	9.808 257	9	9.924 137	15	0.075 863	9.884 120	6	979	
022	9.808 266	9	9.924 152	16	0.075 848	9.884 114	6	978	
023	9.808 275	9	9.924 168	15	0.075 832	9.884 108	7	977	
024	9.808 284	9	9.924 183	15	0.075 817	9.884 101	6	976	
025	9.808 293	9	9.924 198	16	0.075 802	9.884 095	6	975	
026	9.808 302	9	9.924 214	15	0.075 786	9.884 089	7	974	
027	9.808 311	9	9.924 229	16	0.075 771	9.884 082	6	973	
028	9.808 320	9	9.924 245	15	0.075 755	9.884 076	7	972	
029	9.808 329	9	9.924 260	15	0.075 740	9.884 069	6	971	
.030	9.808 338	9	9.924 275	16	0.075 725	9.884 063	6	**.970**	
031	9.808 347	9	9.924 291	15	0.075 709	9.884 057	7	969	
032	9.808 356	9	9.924 306	15	0.075 694	9.884 050	6	968	
033	9.808 365	9	9.924 321	16	0.075 679	9.884 044	6	967	
034	9.808 374	9	9.924 337	15	0.075 663	9.884 038	7	966	
035	9.808 383	9	9.924 352	16	0.075 648	9.884 031	6	965	
036	9.808 392	10	9.924 368	15	0.075 632	9.884 025	7	964	
037	9.808 402	9	9.924 383	15	0.075 617	9.884 018	6	963	
038	9.808 411	9	9.924 398	16	0.075 602	9.884 012	6	962	
039	9.808 420	9	9.924 414	15	0.075 586	9.884 006	7	961	
.040	9.808 429	9	9.924 429	16	0.075 571	9.883 999	6	**.960**	
041	9.808 438	9	9.924 445	15	0.075 555	9.883 993	6	959	
042	9.808 447	9	9.924 460	15	0.075 540	9.883 987	7	958	
043	9.808 456	9	9.924 475	16	0.075 525	9.883 980	6	957	
044	9.808 465	9	9.924 491	15	0.075 509	9.883 974	6	956	
045	9.808 474	9	9.924 506	16	0.075 494	9.883 968	7	955	
046	9.808 483	9	9.924 522	15	0.075 478	9.883 961	6	954	
047	9.808 492	9	9.924 537	15	0.075 463	9.883 955	7	953	
048	9.808 501	9	9.924 552	16	0.075 448	9.883 948	6	952	
049	9.808 510	9	9.924 568	15	0.075 432	9.883 942	6	951	
.050	9.808 519		9.924 583		0.075 417	9.883 936		**.950**	
	cos	d	cotg	d	tang	sin	d	49°	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	10	9
1	1.0	0.9
2	2.0	1.8
3	3.0	2.7
4	4.0	3.6
5	5.0	4.5
6	6.0	5.4
7	7.0	6.3
8	8.0	7.2
9	9.0	8.1

	7	6
1	0.7	0.6
2	1.4	1.2
3	2.1	1.8
4	2.8	2.4
5	3.5	3.0
6	4.2	3.6
7	4.9	4.2
8	5.6	4.8
9	6.3	5.4

50°.000 — 49°.950

40°.050 — 40°.100

40°	sin	d	tang	d	cotg	cos	d		P.P.
.050	9.808 519	9	9.924 583	15	0.075 417	9.883 936	7	**.950**	
051	9.808 528	9	9.924 598	16	0.075 402	9.883 929	6	949	
052	9.808 537	9	9.924 614	15	0.075 386	9.883 923	6	948	
053	9.808 546	9	9.924 629	16	0.075 371	9.883 917	7	947	
054	9.808 555	9	9.924 645	15	0.075 355	9.883 910	6	946	
055	9.808 564	9	9.924 660	15	0.075 340	9.883 904	7	945	
056	9.808 573	9	9.924 675	16	0.075 325	9.883 897	6	944	
057	9.808 582	9	9.924 691	15	0.075 309	9.883 891	6	943	
058	9.808 591	9	9.924 706	16	0.075 294	9.883 885	7	942	
059	9.808 600	9	9.924 722	15	0.075 278	9.883 878	6	941	
.060	9.808 609	9	9.924 737	15	0.075 263	9.883 872	6	**.940**	
061	9.808 618	9	9.924 752	16	0.075 248	9.883 866	7	939	
062	9.808 627	9	9.924 768	15	0.075 232	9.883 859	6	938	
063	9.808 636	9	9.924 783	16	0.075 217	9.883 853	7	937	
064	9.808 645	9	9.924 799	15	0.075 201	9.883 846	6	936	
065	9.808 654	9	9.924 814	15	0.075 186	9.883 840	6	935	
066	9.808 663	9	9.924 829	16	0.075 171	9.883 834	7	934	
067	9.808 672	9	9.924 845	15	0.075 155	9.883 827	6	933	
068	9.808 681	9	9.924 860	15	0.075 140	9.883 821	6	932	
069	9.808 690	9	9.924 875	16	0.075 125	9.883 815	7	931	
.070	9.808 699	9	9.924 891	15	0.075 109	9.883 808	6	**.930**	
071	9.808 708	9	9.924 906	16	0.075 094	9.883 802	7	929	
072	9.808 717	9	9.924 922	15	0.075 078	9.883 795	6	928	
073	9.808 726	9	9.924 937	15	0.075 063	9.883 789	6	927	
074	9.808 735	9	9.924 952	16	0.075 048	9.883 783	7	926	
075	9.808 744	9	9.924 968	15	0.075 032	9.883 776	6	925	
076	9.808 753	9	9.924 983	16	0.075 017	9.883 770	6	924	
077	9.808 762	9	9.924 999	15	0.075 001	9.883 764	7	923	
078	9.808 771	9	9.925 014	15	0.074 986	9.883 757	6	922	
079	9.808 780	9	9.925 029	16	0.074 971	9.883 751	7	921	
.080	9.808 789	9	9.925 045	15	0.074 955	9.883 744	6	**.920**	
081	9.808 798	9	9.925 060	15	0.074 940	9.883 738	6	919	
082	9.808 807	9	9.925 075	16	0.074 925	9.883 732	7	918	
083	9.808 816	9	9.925 091	15	0.074 909	9.883 725	6	917	
084	9.808 825	9	9.925 106	16	0.074 894	9.883 719	6	916	
085	9.808 834	9	9.925 122	15	0.074 878	9.883 713	7	915	
086	9.808 843	9	9.925 137	15	0.074 863	9.883 706	6	914	
087	9.808 852	9	9.925 152	16	0.074 848	9.883 700	7	913	
088	9.808 861	9	9.925 168	15	0.074 832	9.883 693	6	912	
089	9.808 870	9	9.925 183	16	0.074 817	9.883 687	6	911	
.090	9.808 879	9	9.925 199	15	0.074 801	9.883 681	7	**.910**	
091	9.808 888	9	9.925 214	15	0.074 786	9.883 674	6	909	
092	9.808 897	9	9.925 229	16	0.074 771	9.883 668	7	908	
093	9.808 906	9	9.925 245	15	0.074 755	9.883 661	6	907	
094	9.808 915	9	9.925 260	15	0.074 740	9.883 655	6	906	
095	9.808 924	9	9.925 275	16	0.074 725	9.883 649	7	905	
096	9.808 933	9	9.925 291	15	0.074 709	9.883 642	6	904	
097	9.808 942	9	9.925 306	16	0.074 694	9.883 636	6	903	
098	9.808 951	9	9.925 322	15	0.074 678	9.883 630	7	902	
099	9.808 960	9	9.925 337	15	0.074 663	9.883 623	6	901	
.100	9.808 969		9.925 352		0.074 648	9.883 617		**.900**	
	cos	d	cotg	d	tang	sin	d	**49°**	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	9
1	0.9
2	1.8
3	2.7
4	3.6
5	4.5
6	5.4
7	6.3
8	7.2
9	8.1

	7	6
1	0.7	0.6
2	1.4	1.2
3	2.1	1.8
4	2.8	2.4
5	3.5	3.0
6	4.2	3.6
7	4.9	4.2
8	5.6	4.8
9	6.3	5.4

49°.950 — 49°.900

40°.100 — 40°.150

40°	sin	d	tang	d	cotg	cos	d		P.P.
.100	9.808 969		9.925 352		0.074 648	9.883 617		**.900**	
		9		16			7		
101	9.808 978		9.925 368		0.074 632	9.883 610		899	
		9		15			6		
102	9.808 987		9.925 383		0.074 617	9.883 604		898	
		9		16			6		
103	9.808 996		9.925 399		0.074 601	9.883 598		897	
		9		15			7		
104	9.809 005		9.925 414		0.074 586	9.883 591		896	
		9		15			6		
105	9.809 014		9.925 429		0.074 571	9.883 585		895	
		9		16			6		
106	9.809 023		9.925 445		0.074 555	9.883 579		894	
		9		15			7		
107	9.809 032		9.925 460		0.074 540	9.883 572		893	
		9		15			6		
108	9.809 041		9.925 475		0.074 525	9.883 566		892	
		9		16			7		
109	9.809 050		9.925 491		0.074 509	9.883 559		891	
		9		15			6		
.110	9.809 059		9.925 506		0.074 494	9.883 553		**.890**	
		9		16			6		
111	9.809 068		9.925 522		0.074 478	9.883 547		889	
		9		15			7		
112	9.809 077		9.925 537		0.074 463	9.883 540		888	
		9		15			6		
113	9.809 086		9.925 552		0.074 448	9.883 534		887	
		9		16			7		
114	9.809 095		9.925 568		0.074 432	9.883 527		886	
		9		15			6		
115	9.809 104		9.925 583		0.074 417	9.883 521		885	
		9		16			6		
116	9.809 113		9.925 599		0.074 401	9.883 515		884	
		9		15			7		
117	9.809 122		9.925 614		0.074 386	9.883 508		883	
		9		15			6		
118	9.809 131		9.925 629		0.074 371	9.883 502		882	
		9		16			7		
119	9.809 140		9.925 645		0.074 355	9.883 495		881	
		9		15			6		
.120	9.809 149		9.925 660		0.074 340	9.883 489		**.880**	
		9		15			6		
121	9.809 158		9.925 675		0.074 325	9.883 483		879	
		9		16			7		
122	9.809 167		9.925 691		0.074 309	9.883 476		878	
		9		15			6		
123	9.809 176		9.925 706		0.074 294	9.883 470		877	
		9		16			6		
124	9.809 185		9.925 722		0.074 278	9.883 464		876	
		9		15			7		
125	9.809 194		9.925 737		0.074 263	9.883 457		875	
		9		15			6		
126	9.809 203		9.925 752		0.074 248	9.883 451		874	
		9		16			7		
127	9.809 212		9.925 768		0.074 232	9.883 444		873	
		9		15			6		
128	9.809 221		9.925 783		0.074 217	9.883 438		872	
		9		16			6		
129	9.809 230		9.925 799		0.074 201	9.883 432		871	
		9		15			7		
.130	9.809 239		9.925 814		0.074 186	9.883 425		**.870**	
		9		15			6		
131	9.809 248		9.925 829		0.074 171	9.883 419		869	
		9		16			7		
132	9.809 257		9.925 845		0.074 155	9.883 412		868	
		9		15			6		
133	9.809 266		9.925 860		0.074 140	9.883 406		867	
		9		15			6		
134	9.809 275		9.925 875		0.074 125	9.883 400		866	
		9		16			7		
135	9.809 284		9.925 891		0.074 109	9.883 393		865	
		9		15			6		
136	9.809 293		9.925 906		0.074 094	9.883 387		864	
		9		16			7		
137	9.809 302		9.925 922		0.074 078	9.883 380		863	
		9		15			6		
138	9.809 311		9.925 937		0.074 063	9.883 374		862	
		9		15			6		
139	9.809 320		9.925 952		0.074 048	9.883 368		861	
		9		16			7		
.140	9.809 329		9.925 968		0.074 032	9.883 361		**.860**	
		9		15			6		
141	9.809 338		9.925 983		0.074 017	9.883 355		859	
		9		15			6		
142	9.809 347		9.925 998		0.074 002	9.883 349		858	
		9		16			7		
143	9.809 356		9.926 014		0.073 986	9.883 342		857	
		9		15			6		
144	9.809 365		9.926 029		0.073 971	9.883 336		856	
		9		16			7		
145	9.809 374		9.926 045		0.073 955	9.883 329		855	
		9		15			6		
146	9.809 383		9.926 060		0.073 940	9.883 323		854	
		9		15			6		
147	9.809 392		9.926 075		0.073 925	9.883 317		853	
		9		16			7		
148	9.809 401		9.926 091		0.073 909	9.883 310		852	
		9		15			6		
149	9.809 410		9.926 106		0.073 894	9.883 304		851	
		9		16			7		
.150	9.809 419		9.926 122		0.073 878	9.883 297		**.850**	
	cos	d	cotg	d	tang	sin	d	**49°**	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	9
1	0.9
2	1.8
3	2.7
4	3.6
5	4.5
6	5.4
7	6.3
8	7.2
9	8.1

	7	6
1	0.7	0.6
2	1.4	1.2
3	2.1	1.8
4	2.8	2.4
5	3.5	3.0
6	4.2	3.6
7	4.9	4.2
8	5.6	4.8
9	6.3	5.4

49°.900 — 49°.850

40°.150 — 40°.200

40°	sin	d	tang	d	cotg	cos	d		P.P.
.150	9.809 419	9	9.926 122	15	0.073 878	9.883 297	6	**.850**	
151	9.809 428	9	9.926 137	15	0.073 863	9.883 291	6	849	
152	9.809 437	9	9.926 152	16	0.073 848	9.883 285	7	848	
153	9.809 446	9	9.926 168	15	0.073 832	9.883 278	6	847	
154	9.809 455	9	9.926 183	15	0.073 817	9.883 272	7	846	
155	9.809 464	9	9.926 198	16	0.073 802	9.883 265	6	845	
156	9.809 473	9	9.926 214	15	0.073 786	9.883 259	6	844	
157	9.809 482	9	9.926 229	16	0.073 771	9.883 253	7	843	
158	9.809 491	9	9.926 245	15	0.073 755	9.883 246	6	842	
159	9.809 500	9	9.926 260	15	0.073 740	9.883 240	7	841	
.160	9.809 509	9	9.926 275	16	0.073 725	9.883 233	6	**.840**	
161	9.809 518	9	9.926 291	15	0.073 709	9.883 227	6	839	
162	9.809 527	9	9.926 306	15	0.073 694	9.883 221	7	838	
163	9.809 536	9	9.926 321	16	0.073 679	9.883 214	6	837	
164	9.809 545	9	9.926 337	15	0.073 663	9.883 208	7	836	
165	9.809 554	9	9.926 352	16	0.073 648	9.883 201	6	835	
166	9.809 563	9	9.926 368	15	0.073 632	9.883 195	6	834	
167	9.809 572	9	9.926 383	15	0.073 617	9.883 189	7	833	
168	9.809 581	9	9.926 398	16	0.073 602	9.883 182	6	832	
169	9.809 590	9	9.926 414	15	0.073 586	9.883 176	7	831	
.170	9.809 599	9	9.926 429	15	0.073 571	9.883 169	6	**.830**	
171	9.809 608	9	9.926 444	16	0.073 556	9.883 163	6	829	
172	9.809 617	9	9.926 460	15	0.073 540	9.883 157	7	828	
173	9.809 625	8	9.926 475	16	0.073 525	9.883 150	6	827	
174	9.809 634	9	9.926 491	15	0.073 509	9.883 144	7	826	
175	9.809 643	9	9.926 506	15	0.073 494	9.883 137	6	825	
176	9.809 652	9	9.926 521	16	0.073 479	9.883 131	6	824	
177	9.809 661	9	9.926 537	15	0.073 463	9.883 125	7	823	
178	9.809 670	9	9.926 552	15	0.073 448	9.883 118	6	822	
179	9.809 679	9	9.926 567	16	0.073 433	9.883 112	7	821	
.180	9.809 688	9	9.926 583	15	0.073 417	9.883 105	6	**.820**	
181	9.809 697	9	9.926 598	16	0.073 402	9.883 099	6	819	
182	9.809 706	9	9.926 614	15	0.073 386	9.883 093	7	818	
183	9.809 715	9	9.926 629	15	0.073 371	9.883 086	6	817	
184	9.809 724	9	9.926 644	16	0.073 356	9.883 080	7	816	
185	9.809 733	9	9.926 660	15	0.073 340	9.883 073	6	815	
186	9.809 742	9	9.926 675	15	0.073 325	9.883 067	6	814	
187	9.809 751	9	9.926 690	16	0.073 310	9.883 061	7	813	
188	9.809 760	9	9.926 706	15	0.073 294	9.883 054	6	812	
189	9.809 769	9	9.926 721	16	0.073 279	9.883 048	7	811	
.190	9.809 778	9	9.926 737	15	0.073 263	9.883 041	6	**.810**	
191	9.809 787	9	9.926 752	15	0.073 248	9.883 035	6	809	
192	9.809 796	9	9.926 767	16	0.073 233	9.883 029	7	808	
193	9.809 805	9	9.926 783	15	0.073 217	9.883 022	6	807	
194	9.809 814	9	9.926 798	16	0.073 202	9.883 016	7	806	
195	9.809 823	9	9.926 814	15	0.073 186	9.883 009	6	805	
196	9.809 832	9	9.926 829	15	0.073 171	9.883 003	6	804	
197	9.809 841	9	9.926 844	16	0.073 156	9.882 997	7	803	
198	9.809 850	9	9.926 860	15	0.073 140	9.882 990	6	802	
199	9.809 859	9	9.926 875	15	0.073 125	9.882 984	7	801	
.200	9.809 868		9.926 890		0.073 110	9.882 977		**.800**	
	cos	d	cotg	d	tang	sin	d	**49°**	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	9	8
1	0.9	0.8
2	1.8	1.6
3	2.7	2.4
4	3.6	3.2
5	4.5	4.0
6	5.4	4.8
7	6.3	5.6
8	7.2	6.4
9	8.1	7.2

	7	6
1	0.7	0.6
2	1.4	1.2
3	2.1	1.8
4	2.8	2.4
5	3.5	3.0
6	4.2	3.6
7	4.9	4.2
8	5.6	4.8
9	6.3	5.4

49°.850 — 49°.800

40°.200 — 40°.250

40°	sin	d	tang	d	cotg	cos	d		P.P.
.200	9.809 868	9	9.926 890	16	0.073 110	9.882 977	6	**.800**	
201	9.809 877	9	9.926 906	15	0.073 094	9.882 971	6	799	
202	9.809 886	9	9.926 921	16	0.073 079	9.882 965	7	798	
203	9.809 895	9	9.926 937	15	0.073 063	9.882 958	6	797	
204	9.809 904	9	9.926 952	15	0.073 048	9.882 952	7	796	
205	9.809 913	9	9.926 967	16	0.073 033	9.882 945	6	795	
206	9.809 922	9	9.926 983	15	0.073 017	9.882 939	6	794	
207	9.809 931	9	9.926 998	15	0.073 002	9.882 933	7	793	
208	9.809 940	8	9.927 013	16	0.072 987	9.882 926	6	792	
209	9.809 948	9	9.927 029	15	0.072 971	9.882 920	7	791	
.210	9.809 957	9	9.927 044	16	0.072 956	9.882 913	6	**.790**	
211	9.809 966	9	9.927 060	15	0.072 940	9.882 907	6	789	
212	9.809 975	9	9.927 075	15	0.072 925	9.882 901	7	788	
213	9.809 984	9	9.927 090	16	0.072 910	9.882 894	6	787	
214	9.809 993	9	9.927 106	15	0.072 894	9.882 888	7	786	
215	9.810 002	9	9.927 121	15	0.072 879	9.882 881	6	785	
216	9.810 011	9	9.927 136	16	0.072 864	9.882 875	7	784	
217	9.810 020	9	9.927 152	15	0.072 848	9.882 868	6	783	
218	9.810 029	9	9.927 167	15	0.072 833	9.882 862	6	782	
219	9.810 038	9	9.927 182	16	0.072 818	9.882 856	7	781	
.220	9.810 047	9	9.927 198	15	0.072 802	9.882 849	6	**.780**	
221	9.810 056	9	9.927 213	16	0.072 787	9.882 843	7	779	
222	9.810 065	9	9.927 229	15	0.072 771	9.882 836	6	778	
223	9.810 074	9	9.927 244	15	0.072 756	9.882 830	6	777	
224	9.810 083	9	9.927 259	16	0.072 741	9.882 824	7	776	
225	9.810 092	9	9.927 275	15	0.072 725	9.882 817	6	775	
226	9.810 101	9	9.927 290	15	0.072 710	9.882 811	7	774	
227	9.810 110	9	9.927 305	16	0.072 695	9.882 804	6	773	
228	9.810 119	9	9.927 321	15	0.072 679	9.882 798	6	772	
229	9.810 128	9	9.927 336	16	0.072 664	9.882 792	7	771	
.230	9.810 137	9	9.927 352	15	0.072 648	9.882 785	6	**.770**	
231	9.810 146	9	9.927 367	15	0.072 633	9.882 779	7	769	
232	9.810 155	9	9.927 382	16	0.072 618	9.882 772	6	768	
233	9.810 164	9	9.927 398	15	0.072 602	9.882 766	7	767	
234	9.810 173	9	9.927 413	15	0.072 587	9.882 759	6	766	
235	9.810 182	8	9.927 428	16	0.072 572	9.882 753	6	765	
236	9.810 190	9	9.927 444	15	0.072 556	9.882 747	7	764	
237	9.810 199	9	9.927 459	16	0.072 541	9.882 740	6	763	
238	9.810 208	9	9.927 475	15	0.072 525	9.882 734	7	762	
239	9.810 217	9	9.927 490	15	0.072 510	9.882 727	6	761	
.240	9.810 226	9	9.927 505	16	0.072 495	9.882 721	6	**.760**	
241	9.810 235	9	9.927 521	15	0.072 479	9.882 715	7	759	
242	9.810 244	9	9.927 536	15	0.072 464	9.882 708	6	758	
243	9.810 253	9	9.927 551	16	0.072 449	9.882 702	7	757	
244	9.810 262	9	9.927 567	15	0.072 433	9.882 695	6	756	
245	9.810 271	9	9.927 582	16	0.072 418	9.882 689	6	755	
246	9.810 280	9	9.927 598	15	0.072 402	9.882 683	7	754	
247	9.810 289	9	9.927 613	15	0.072 387	9.882 676	6	753	
248	9.810 298	9	9.927 628	16	0.072 372	9.882 670	7	752	
249	9.810 307	9	9.927 644	15	0.072 356	9.882 663	6	751	
.250	9.810 316		9.927 659		0.072 341	9.882 657		**.750**	
	cos	d	cotg	d	tang	sin	d	**49°**	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	9	8
1	0.9	0.8
2	1.8	1.6
3	2.7	2.4
4	3.6	3.2
5	4.5	4.0
6	5.4	4.8
7	6.3	5.6
8	7.2	6.4
9	8.1	7.2

	7	6
1	0.7	0.6
2	1.4	1.2
3	2.1	1.8
4	2.8	2.4
5	3.5	3.0
6	4.2	3.6
7	4.9	4.2
8	5.6	4.8
9	6.3	5.4

49°.800 — 49°.750

40°.250 — 40°.300

40°	sin	d	tang	d	cotg	cos	d		P.P.
.250	9.810 316	9	9.927 659	15	0.072 341	9.882 657	7	**.750**	
251	9.810 325	9	9.927 674	16	0.072 326	9.882 650	6	749	
252	9.810 334	9	9.927 690	15	0.072 310	9.882 644	6	748	
253	9.810 343	9	9.927 705	16	0.072 295	9.882 638	7	747	
254	9.810 352	9	9.927 721	15	0.072 279	9.882 631	6	746	
255	9.810 361	9	9.927 736	15	0.072 264	9.882 625	7	745	
256	9.810 370	9	9.927 751	16	0.072 249	9.882 618	6	744	
257	9.810 379	8	9.927 767	15	0.072 233	9.882 612	7	743	
258	9.810 387	9	9.927 782	15	0.072 218	9.882 605	6	742	
259	9.810 396	9	9.927 797	16	0.072 203	9.882 599	6	741	
.260	9.810 405	9	9.927 813	15	0.072 187	9.882 593	7	**.740**	
261	9.810 414	9	9.927 828	15	0.072 172	9.882 586	6	739	
262	9.810 423	9	9.927 843	16	0.072 157	9.882 580	7	738	
263	9.810 432	9	9.927 859	15	0.072 141	9.882 573	6	737	
264	9.810 441	9	9.927 874	16	0.072 126	9.882 567	6	736	
265	9.810 450	9	9.927 890	15	0.072 110	9.882 561	7	735	
266	9.810 459	9	9.927 905	15	0.072 095	9.882 554	6	734	
267	9.810 468	9	9.927 920	16	0.072 080	9.882 548	7	733	
268	9.810 477	9	9.927 936	15	0.072 064	9.882 541	6	732	
269	9.810 486	9	9.927 951	15	0.072 049	9.882 535	7	731	
.270	9.810 495	9	9.927 966	16	0.072 034	9.882 528	6	**.730**	
271	9.810 504	9	9.927 982	15	0.072 018	9.882 522	6	729	
272	9.810 513	9	9.927 997	16	0.072 003	9.882 516	7	728	
273	9.810 522	9	9.928 013	15	0.071 987	9.882 509	6	727	
274	9.810 531	9	9.928 028	15	0.071 972	9.882 503	7	726	
275	9.810 540	9	9.928 043	16	0.071 957	9.882 496	6	725	
276	9.810 549	8	9.928 059	15	0.071 941	9.882 490	6	724	
277	9.810 557	9	9.928 074	15	0.071 926	9.882 484	7	723	
278	9.810 566	9	9.928 089	16	0.071 911	9.882 477	6	722	
279	9.810 575	9	9.928 105	15	0.071 895	9.882 471	7	721	
.280	9.810 584	9	9.928 120	15	0.071 880	9.882 464	6	**.720**	
281	9.810 593	9	9.928 135	16	0.071 865	9.882 458	7	719	
282	9.810 602	9	9.928 151	15	0.071 849	9.882 451	6	718	
283	9.810 611	9	9.928 166	16	0.071 834	9.882 445	6	717	
284	9.810 620	9	9.928 182	15	0.071 818	9.882 439	7	716	
285	9.810 629	9	9.928 197	15	0.071 803	9.882 432	6	715	
286	9.810 638	9	9.928 212	16	0.071 788	9.882 426	7	714	
287	9.810 647	9	9.928 228	15	0.071 772	9.882 419	6	713	
288	9.810 656	9	9.928 243	15	0.071 757	9.882 413	7	712	
289	9.810 665	9	9.928 258	16	0.071 742	9.882 406	6	711	
.290	9.810 674	9	9.928 274	15	0.071 726	9.882 400	6	**.710**	
291	9.810 683	9	9.928 289	16	0.071 711	9.882 394	7	709	
292	9.810 692	9	9.928 305	15	0.071 695	9.882 387	6	708	
293	9.810 701	9	9.928 320	15	0.071 680	9.882 381	7	707	
294	9.810 710	8	9.928 335	16	0.071 665	9.882 374	6	706	
295	9.810 718	9	9.928 351	15	0.071 649	9.882 368	7	705	
296	9.810 727	9	9.928 366	15	0.071 634	9.882 361	6	704	
297	9.810 736	9	9.928 381	16	0.071 619	9.882 355	6	703	
298	9.810 745	9	9.928 397	15	0.071 603	9.882 349	7	702	
299	9.810 754	9	9.928 412	15	0.071 588	9.882 342	6	701	
.300	9.810 763		9.928 427		0.071 573	9.882 336		**.700**	
	cos	d	cotg	d	tang	sin	d	49°	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	9	8
1	0.9	0.8
2	1.8	1.6
3	2.7	2.4
4	3.6	3.2
5	4.5	4.0
6	5.4	4.8
7	6.3	5.6
8	7.2	6.4
9	8.1	7.2

	7	6
1	0.7	0.6
2	1.4	1.2
3	2.1	1.8
4	2.8	2.4
5	3.5	3.0
6	4.2	3.6
7	4.9	4.2
8	5.6	4.8
9	6.3	5.4

49°.750 — 49°.700

40°.300 — 40°.350

40°	sin	d	tang	d	cotg	cos	d		P.P.
.300	9.810 763	9	9.928 427	16	0.071 573	9.882 336	7	**.700**	
301	9.810 772	9	9.928 443	15	0.071 557	9.882 329	6	699	
302	9.810 781	9	9.928 458	16	0.071 542	9.882 323	7	698	
303	9.810 790	9	9.928 474	15	0.071 526	9.882 316	6	697	
304	9.810 799	9	9.928 489	15	0.071 511	9.882 310	6	696	
305	9.810 808	9	9.928 504	16	0.071 496	9.882 304	7	695	
306	9.810 817	9	9.928 520	15	0.071 480	9.882 297	6	694	
307	9.810 826	9	9.928 535	15	0.071 465	9.882 291	7	693	
308	9.810 835	9	9.928 550	16	0.071 450	9.882 284	6	692	
309	9.810 844	9	9.928 566	15	0.071 434	9.882 278	7	691	
.310	9.810 853	8	9.928 581	15	0.071 419	9.882 271	6	**.690**	
311	9.810 861	9	9.928 596	16	0.071 404	9.882 265	6	689	
312	9.810 870	9	9.928 612	15	0.071 388	9.882 259	7	688	
313	9.810 879	9	9.928 627	16	0.071 373	9.882 252	6	687	
314	9.810 888	9	9.928 643	15	0.071 357	9.882 246	7	686	
315	9.810 897	9	9.928 658	15	0.071 342	9.882 239	6	685	
316	9.810 906	9	9.928 673	16	0.071 327	9.882 233	7	684	
317	9.810 915	9	9.928 689	15	0.071 311	9.882 226	6	683	
318	9.810 924	9	9.928 704	15	0.071 296	9.882 220	6	682	
319	9.810 933	9	9.928 719	16	0.071 281	9.882 214	7	681	
.320	9.810 942	9	9.928 735	15	0.071 265	9.882 207	6	**.680**	
321	9.810 951	9	9.928 750	15	0.071 250	9.882 201	7	679	
322	9.810 960	9	9.928 765	16	0.071 235	9.882 194	6	678	
323	9.810 969	9	9.928 781	15	0.071 219	9.882 188	7	677	
324	9.810 978	8	9.928 796	16	0.071 204	9.882 181	6	676	
325	9.810 986	9	9.928 812	15	0.071 188	9.882 175	6	675	
326	9.810 995	9	9.928 827	15	0.071 173	9.882 169	7	674	
327	9.811 004	9	9.928 842	16	0.071 158	9.882 162	6	673	
328	9.811 013	9	9.928 858	15	0.071 142	9.882 156	7	672	
329	9.811 022	9	9.928 873	15	0.071 127	9.882 149	6	671	
.330	9.811 031	9	9.928 888	16	0.071 112	9.882 143	7	**.670**	
331	9.811 040	9	9.928 904	15	0.071 096	9.882 136	6	669	
332	9.811 049	9	9.928 919	15	0.071 081	9.882 130	7	668	
333	9.811 058	9	9.928 934	16	0.071 066	9.882 123	6	667	
334	9.811 067	9	9.928 950	15	0.071 050	9.882 117	6	666	
335	9.811 076	9	9.928 965	16	0.071 035	9.882 111	7	665	
336	9.811 085	9	9.928 981	15	0.071 019	9.882 104	6	664	
337	9.811 094	9	9.928 996	15	0.071 004	9.882 098	7	663	
338	9.811 103	8	9.929 011	16	0.070 989	9.882 091	6	662	
339	9.811 111	9	9.929 027	15	0.070 973	9.882 085	7	661	
.340	9.811 120	9	9.929 042	15	0.070 958	9.882 078	6	**.660**	
341	9.811 129	9	9.929 057	16	0.070 943	9.882 072	6	659	
342	9.811 138	9	9.929 073	15	0.070 927	9.882 066	7	658	
343	9.811 147	9	9.929 088	15	0.070 912	9.882 059	6	657	
344	9.811 156	9	9.929 103	16	0.070 897	9.882 053	7	656	
345	9.811 165	9	9.929 119	15	0.070 881	9.882 046	6	655	
346	9.811 174	9	9.929 134	16	0.070 866	9.882 040	7	654	
347	9.811 183	9	9.929 150	15	0.070 850	9.882 033	6	653	
348	9.811 192	9	9.929 165	15	0.070 835	9.882 027	7	652	
349	9.811 201	9	9.929 180	16	0.070 820	9.882 020	6	651	
.350	9.811 210		9.929 196		0.070 804	9.882 014		**.650**	
	cos	d	cotg	d	tang	sin	d	49°	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	9	8
1	0.9	0.8
2	1.8	1.6
3	2.7	2.4
4	3.6	3.2
5	4.5	4.0
6	5.4	4.8
7	6.3	5.6
8	7.2	6.4
9	8.1	7.2

	7	6
1	0.7	0.6
2	1.4	1.2
3	2.1	1.8
4	2.8	2.4
5	3.5	3.0
6	4.2	3.6
7	4.9	4.2
8	5.6	4.8
9	6.3	5.4

49°.700 — 49°.650

40°.350 — 40°.400

40°	sin	d	tang	d	cotg	cos	d		P.P.
.350	9.811 210		9.929 196		0.070 804	9.882 014		**.650**	
		9		15			6		
351	9.811 219		9.929 211		0.070 789	9.882 008		649	
		8		15			7		
352	9.811 227		9.929 226		0.070 774	9.882 001		648	
		9		16			6		
353	9.811 236		9.929 242		0.070 758	9.881 995		647	
		9		15			7		
354	9.811 245		9.929 257		0.070 743	9.881 988		646	
		9		15			6		
355	9.811 254		9.929 272		0.070 728	9.881 982		645	
		9		16			7		
356	9.811 263		9.929 288		0.070 712	9.881 975		644	
		9		15			6		
357	9.811 272		9.929 303		0.070 697	9.881 969		643	
		9		16			7		
358	9.811 281		9.929 319		0.070 681	9.881 962		642	
		9		15			6		
359	9.811 290		9.929 334		0.070 666	9.881 956		641	
		9		15			6		
.360	9.811 299		9.929 349		0.070 651	9.881 950		**.640**	
		9		16			7		
361	9.811 308		9.929 365		0.070 635	9.881 943		639	
		9		15			6		
362	9.811 317		9.929 380		0.070 620	9.881 937		638	
		9		15			7		
363	9.811 326		9.929 395		0.070 605	9.881 930		637	
		9		16			6		
364	9.811 335		9.929 411		0.070 589	9.881 924		636	
		8		15			7		
365	9.811 343		9.929 426		0.070 574	9.881 917		635	
		9		15			6		
366	9.811 352		9.929 441		0.070 559	9.881 911		634	
		9		16			6		
367	9.811 361		9.929 457		0.070 543	9.881 905		633	
		9		15			7		
368	9.811 370		9.929 472		0.070 528	9.881 898		632	
		9		15			6		
369	9.811 379		9.929 487		0.070 513	9.881 892		631	
		9		16			7		
.370	9.811 388		9.929 503		0.070 497	9.881 885		**.630**	
		9		15			6		
371	9.811 397		9.929 518		0.070 482	9.881 879		629	
		9		16			7		
372	9.811 406		9.929 534		0.070 466	9.881 872		628	
		9		15			6		
373	9.811 415		9.929 549		0.070 451	9.881 866		627	
		9		15			7		
374	9.811 424		9.929 564		0.070 436	9.881 859		626	
		9		16			6		
375	9.811 433		9.929 580		0.070 420	9.881 853		625	
		9		15			6		
376	9.811 442		9.929 595		0.070 405	9.881 847		624	
		8		15			7		
377	9.811 450		9.929 610		0.070 390	9.881 840		623	
		9		16			6		
378	9.811 459		9.929 626		0.070 374	9.881 834		622	
		9		15			7		
379	9.811 468		9.929 641		0.070 359	9.881 827		621	
		9		15			6		
.380	9.811 477		9.929 656		0.070 344	9.881 821		**.620**	
		9		16			7		
381	9.811 486		9.929 672		0.070 328	9.881 814		619	
		9		15			6		
382	9.811 495		9.929 687		0.070 313	9.881 808		618	
		9		16			7		
383	9.811 504		9.929 703		0.070 297	9.881 801		617	
		9		15			6		
384	9.811 513		9.929 718		0.070 282	9.881 795		616	
		9		15			7		
385	9.811 522		9.929 733		0.070 267	9.881 788		615	
		9		16			6		
386	9.811 531		9.929 749		0.070 251	9.881 782		614	
		9		15			6		
387	9.811 540		9.929 764		0.070 236	9.881 776		613	
		8		15			7		
388	9.811 548		9.929 779		0.070 221	9.881 769		612	
		9		16			6		
389	9.811 557		9.929 795		0.070 205	9.881 763		611	
		9		15			7		
.390	9.811 566		9.929 810		0.070 190	9.881 756		**.610**	
		9		15			6		
391	9.811 575		9.929 825		0.070 175	9.881 750		609	
		9		16			7		
392	9.811 584		9.929 841		0.070 159	9.881 743		608	
		9		15			6		
393	9.811 593		9.929 856		0.070 144	9.881 737		607	
		9		15			7		
394	9.811 602		9.929 871		0.070 129	9.881 730		606	
		9		16			6		
395	9.811 611		9.929 887		0.070 113	9.881 724		605	
		9		15			6		
396	9.811 620		9.929 902		0.070 098	9.881 718		604	
		9		16			7		
397	9.811 629		9.929 918		0.070 082	9.881 711		603	
		9		15			6		
398	9.811 638		9.929 933		0.070 067	9.881 705		602	
		8		15			7		
399	9.811 646		9.929 948		0.070 052	9.881 698		601	
		9		16			6		
.400	9.811 655		9.929 964		0.070 036	9.881 692		**.600**	
	cos	d	cotg	d	tang	sin	d	**49°**	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	9	8
1	0.9	0.8
2	1.8	1.6
3	2.7	2.4
4	3.6	3.2
5	4.5	4.0
6	5.4	4.8
7	6.3	5.6
8	7.2	6.4
9	8.1	7.2

	7	6
1	0.7	0.6
2	1.4	1.2
3	2.1	1.8
4	2.8	2.4
5	3.5	3.0
6	4.2	3.6
7	4.9	4.2
8	5.6	4.8
9	6.3	5.4

49°.650 — 49°.600

40°.400 — 40°.450

40°	sin	d	tang	d	cotg	cos	d		P.P.
.400	9.811 655		9.929 964		0.070 036	9.881 692		**.600**	
		9		15			7		
401	9.811 664		9.929 979		0.070 021	9.881 685		599	
		9		15			6		
402	9.811 673		9.929 994		0.070 006	9.881 679		598	
		9		16			7		
403	9.811 682		9.930 010		0.069 990	9.881 672		597	
		9		15			6		
404	9.811 691		9.930 025		0.069 975	9.881 666		596	
		9		15			7		
405	9.811 700		9.930 040		0.069 960	9.881 659		595	
		9		16			6		
406	9.811 709		9.930 056		0.069 944	9.881 653		594	
		9		15			6		
407	9.811 718		9.930 071		0.069 929	9.881 647		593	
		9		15			7		
408	9.811 727		9.930 086		0.069 914	9.881 640		592	
		9		16			6		
409	9.811 736		9.930 102		0.069 898	9.881 634		591	
		8		15			7		
.410	9.811 744		9.930 117		0.069 883	9.881 627		**.590**	
		9		16			6		
411	9.811 753		9.930 133		0.069 867	9.881 621		589	
		9		15			7		
412	9.811 762		9.930 148		0.069 852	9.881 614		588	
		9		15			6		
413	9.811 771		9.930 163		0.069 837	9.881 608		587	
		9		16			7		
414	9.811 780		9.930 179		0.069 821	9.881 601		586	
		9		15			6		
415	9.811 789		9.930 194		0.069 806	9.881 595		585	
		9		15			6		
416	9.811 798		9.930 209		0.069 791	9.881 589		584	
		9		16			7		
417	9.811 807		9.930 225		0.069 775	9.881 582		583	
		9		15			6		
418	9.811 816		9.930 240		0.069 760	9.881 576		582	
		9		15			7		
419	9.811 825		9.930 255		0.069 745	9.881 569		581	
		8		16			6		
.420	9.811 833		9.930 271		0.069 729	9.881 563		**.580**	
		9		15			7		
421	9.811 842		9.930 286		0.069 714	9.881 556		579	
		9		15			6		
422	9.811 851		9.930 301		0.069 699	9.881 550		578	
		9		16			7		
423	9.811 860		9.930 317		0.069 683	9.881 543		577	
		9		15			6		
424	9.811 869		9.930 332		0.069 668	9.881 537		576	
		9		16			7		
425	9.811 878		9.930 348		0.069 652	9.881 530		575	
		9		15			6		
426	9.811 887		9.930 363		0.069 637	9.881 524		574	
		9		15			7		
427	9.811 896		9.930 378		0.069 622	9.881 517		573	
		9		16			6		
428	9.811 905		9.930 394		0.069 606	9.881 511		572	
		9		15			6		
429	9.811 914		9.930 409		0.069 591	9.881 505		571	
		8		15			7		
.430	9.811 922		9.930 424		0.069 576	9.881 498		**.570**	
		9		16			6		
431	9.811 931		9.930 440		0.069 560	9.881 492		569	
		9		15			7		
432	9.811 940		9.930 455		0.069 545	9.881 485		568	
		9		15			6		
433	9.811 949		9.930 470		0.069 530	9.881 479		567	
		9		16			7		
434	9.811 958		9.930 486		0.069 514	9.881 472		566	
		9		15			6		
435	9.811 967		9.930 501		0.069 499	9.881 466		565	
		9		15			7		
436	9.811 976		9.930 516		0.069 484	9.881 459		564	
		9		16			6		
437	9.811 985		9.930 532		0.069 468	9.881 453		563	
		9		15			7		
438	9.811 994		9.930 547		0.069 453	9.881 446		562	
		8		15			6		
439	9.812 002		9.930 562		0.069 438	9.881 440		561	
		9		16			6		
.440	9.812 011		9.930 578		0.069 422	9.881 434		**.560**	
		9		15			7		
441	9.812 020		9.930 593		0.069 407	9.881 427		559	
		9		16			6		
442	9.812 029		9.930 609		0.069 391	9.881 421		558	
		9		15			7		
443	9.812 038		9.930 624		0.069 376	9.881 414		557	
		9		15			6		
444	9.812 047		9.930 639		0.069 361	9.881 408		556	
		9		16			7		
445	9.812 056		9.930 655		0.069 345	9.881 401		555	
		9		15			6		
446	9.812 065		9.930 670		0.069 330	9.881 395		554	
		9		15			7		
447	9.812 074		9.930 685		0.069 315	9.881 388		553	
		8		16			6		
448	9.812 082		9.930 701		0.069 299	9.881 382		552	
		9		15			7		
449	9.812 091		9.930 716		0.069 284	9.881 375		551	
		9		15			6		
.450	9.812 100		9.930 731		0.069 269	9.881 369		**.550**	
	cos	d	cotg	d	tang	sin	d	**49°**	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	9	8
1	0.9	0.8
2	1.8	1.6
3	2.7	2.4
4	3.6	3.2
5	4.5	4.0
6	5.4	4.8
7	6.3	5.6
8	7.2	6.4
9	8.1	7.2

	7	6
1	0.7	0.6
2	1.4	1.2
3	2.1	1.8
4	2.8	2.4
5	3.5	3.0
6	4.2	3.6
7	4.9	4.2
8	5.6	4.8
9	6.3	5.4

49°.600 — 49°.550

40°.450 — 40°.500

40°	sin	d	tang	d	cotg	cos	d		P.P.
.450	9.812 100	9	9.930 731	16	0.069 269	9.881 369	7	**.550**	
451	9.812 109	9	9.930 747	15	0.069 253	9.881 362	6	549	
452	9.812 118	9	9.930 762	15	0.069 238	9.881 356	6	548	
453	9.812 127	9	9.930 777	16	0.069 223	9.881 350	7	547	
454	9.812 136	9	9.930 793	15	0.069 207	9.881 343	6	546	
455	9.812 145	9	9.930 808	15	0.069 192	9.881 337	7	545	
456	9.812 154	9	9.930 823	16	0.069 177	9.881 330	6	544	
457	9.812 163	8	9.930 839	15	0.069 161	9.881 324	7	543	
458	9.812 171	9	9.930 854	16	0.069 146	9.881 317	6	542	
459	9.812 180	9	9.930 870	15	0.069 130	9.881 311	7	541	
.460	9.812 189	9	9.930 885	15	0.069 115	9.881 304	6	**.540**	
461	9.812 198	9	9.930 900	16	0.069 100	9.881 298	7	539	
462	9.812 207	9	9.930 916	15	0.069 084	9.881 291	6	538	
463	9.812 216	9	9.930 931	15	0.069 069	9.881 285	7	537	
464	9.812 225	9	9.930 946	16	0.069 054	9.881 278	6	536	
465	9.812 234	8	9.930 962	15	0.069 038	9.881 272	7	535	
466	9.812 242	9	9.930 977	15	0.069 023	9.881 265	6	534	
467	9.812 251	9	9.930 992	16	0.069 008	9.881 259	6	533	
468	9.812 260	9	9.931 008	15	0.068 992	9.881 253	7	532	
469	9.812 269	9	9.931 023	15	0.068 977	9.881 246	6	531	
.470	9.812 278	9	9.931 038	16	0.068 962	9.881 240	7	**.530**	
471	9.812 287	9	9.931 054	15	0.068 946	9.881 233	6	529	
472	9.812 296	9	9.931 069	15	0.068 931	9.881 227	7	528	
473	9.812 305	9	9.931 084	16	0.068 916	9.881 220	6	527	
474	9.812 314	8	9.931 100	15	0.068 900	9.881 214	7	526	
475	9.812 322	9	9.931 115	16	0.068 885	9.881 207	6	525	
476	9.812 331	9	9.931 131	15	0.068 869	9.881 201	7	524	
477	9.812 340	9	9.931 146	15	0.068 854	9.881 194	6	523	
478	9.812 349	9	9.931 161	16	0.068 839	9.881 188	7	522	
479	9.812 358	9	9.931 177	15	0.068 823	9.881 181	6	521	
.480	9.812 367	9	9.931 192	15	0.068 808	9.881 175	7	**.520**	
481	9.812 376	9	9.931 207	16	0.068 793	9.881 168	6	519	
482	9.812 385	8	9.931 223	15	0.068 777	9.881 162	6	518	
483	9.812 393	9	9.931 238	15	0.068 762	9.881 156	7	517	
484	9.812 402	9	9.931 253	16	0.068 747	9.881 149	6	516	
485	9.812 411	9	9.931 269	15	0.068 731	9.881 143	7	515	
486	9.812 420	9	9.931 284	15	0.068 716	9.881 136	6	514	
487	9.812 429	9	9.931 299	16	0.068 701	9.881 130	7	513	
488	9.812 438	9	9.931 315	15	0.068 685	9.881 123	6	512	
489	9.812 447	9	9.931 330	15	0.068 670	9.881 117	7	511	
.490	9.812 456	9	9.931 345	16	0.068 655	9.881 110	6	**.510**	
491	9.812 465	8	9.931 361	15	0.068 639	9.881 104	7	509	
492	9.812 473	9	9.931 376	15	0.068 624	9.881 097	6	508	
493	9.812 482	9	9.931 391	16	0.068 609	9.881 091	7	507	
494	9.812 491	9	9.931 407	15	0.068 593	9.881 084	6	506	
495	9.812 500	9	9.931 422	16	0.068 578	9.881 078	7	505	
496	9.812 509	9	9.931 438	15	0.068 562	9.881 071	6	504	
497	9.812 518	9	9.931 453	15	0.068 547	9.881 065	7	503	
498	9.812 527	9	9.931 468	16	0.068 532	9.881 058	6	502	
499	9.812 536	8	9.931 484	15	0.068 516	9.881 052	6	501	
.500	9.812 544		9.931 499		0.068 501	9.881 046		**.500**	
	cos	d	cotg	d	tang	sin	d	**49°**	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	9	8
1	0.9	0.8
2	1.8	1.6
3	2.7	2.4
4	3.6	3.2
5	4.5	4.0
6	5.4	4.8
7	6.3	5.6
8	7.2	6.4
9	8.1	7.2

	7	6
1	0.7	0.6
2	1.4	1.2
3	2.1	1.8
4	2.8	2.4
5	3.5	3.0
6	4.2	3.6
7	4.9	4.2
8	5.6	4.8
9	6.3	5.4

49°.550 — 49°.500

40°.500 — 40°.550

40°	sin	d	tang	d	cotg	cos	d		P.P.
.500	9.812 544	9	9.931 499	15	0.068 501	9.881 046	7	.500	
501	9.812 553	9	9.931 514	16	0.068 486	9.881 039	6	499	
502	9.812 562	9	9.931 530	15	0.068 470	9.881 033	7	498	
503	9.812 571	9	9.931 545	15	0.068 455	9.881 026	6	497	
504	9.812 580	9	9.931 560	16	0.068 440	9.881 020	7	496	
505	9.812 589	9	9.931 576	15	0.068 424	9.881 013	6	495	
506	9.812 598	9	9.931 591	15	0.068 409	9.881 007	7	494	
507	9.812 607	8	9.931 606	16	0.068 394	9.881 000	6	493	
508	9.812 615	9	9.931 622	15	0.068 378	9.880 994	7	492	
509	9.812 624	9	9.931 637	15	0.068 363	9.880 987	6	491	
.510	9.812 633	9	9.931 652	16	0.068 348	9.880 981	7	.490	
511	9.812 642	9	9.931 668	15	0.068 332	9.880 974	6	489	
512	9.812 651	9	9.931 683	15	0.068 317	9.880 968	7	488	
513	9.812 660	9	9.931 698	16	0.068 302	9.880 961	6	487	
514	9.812 669	9	9.931 714	15	0.068 286	9.880 955	7	486	
515	9.812 678	8	9.931 729	15	0.068 271	9.880 948	6	485	
516	9.812 686	9	9.931 744	16	0.068 256	9.880 942	7	484	
517	9.812 695	9	9.931 760	15	0.068 240	9.880 935	6	483	
518	9.812 704	9	9.931 775	16	0.068 225	9.880 929	7	482	
519	9.812 713	9	9.931 791	15	0.068 209	9.880 922	6	481	
.520	9.812 722	9	9.931 806	15	0.068 194	9.880 916	6	.480	
521	9.812 731	9	9.931 821	16	0.068 179	9.880 910	7	479	
522	9.812 740	8	9.931 837	15	0.068 163	9.880 903	6	478	
523	9.812 748	9	9.931 852	15	0.068 148	9.880 897	7	477	
524	9.812 757	9	9.931 867	16	0.068 133	9.880 890	6	476	
525	9.812 766	9	9.931 883	15	0.068 117	9.880 884	7	475	
526	9.812 775	9	9.931 898	15	0.068 102	9.880 877	6	474	
527	9.812 784	9	9.931 913	16	0.068 087	9.880 871	7	473	
528	9.812 793	9	9.931 929	15	0.068 071	9.880 864	6	472	
529	9.812 802	9	9.931 944	15	0.068 056	9.880 858	7	471	
.530	9.812 811	8	9.931 959	16	0.068 041	9.880 851	6	.470	
531	9.812 819	9	9.931 975	15	0.068 025	9.880 845	7	469	
532	9.812 828	9	9.931 990	15	0.068 010	9.880 838	6	468	
533	9.812 837	9	9.932 005	16	0.067 995	9.880 832	7	467	
534	9.812 846	9	9.932 021	15	0.067 979	9.880 825	6	466	
535	9.812 855	9	9.932 036	15	0.067 964	9.880 819	7	465	
536	9.812 864	9	9.932 051	16	0.067 949	9.880 812	6	464	
537	9.812 873	8	9.932 067	15	0.067 933	9.880 806	7	463	
538	9.812 881	9	9.932 082	15	0.067 918	9.880 799	6	462	
539	9.812 890	9	9.932 097	16	0.067 903	9.880 793	7	461	
.540	9.812 899	9	9.932 113	15	0.067 887	9.880 786	6	.460	
541	9.812 908	9	9.932 128	15	0.067 872	9.880 780	7	459	
542	9.812 917	9	9.932 143	16	0.067 857	9.880 773	6	458	
543	9.812 926	9	9.932 159	15	0.067 841	9.880 767	7	457	
544	9.812 935	8	9.932 174	16	0.067 826	9.880 760	6	456	
545	9.812 943	9	9.932 190	15	0.067 810	9.880 754	7	455	
546	9.812 952	9	9.932 205	15	0.067 795	9.880 747	6	454	
547	9.812 961	9	9.932 220	16	0.067 780	9.880 741	6	453	
548	9.812 970	9	9.932 236	15	0.067 764	9.880 735	7	452	
549	9.812 979	9	9.932 251	15	0.067 749	9.880 728	6	451	
.550	9.812 988		9.932 266		0.067 734	9.880 722		.450	
	cos	d	cotg	d	tang	sin	d	49°	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	9	8
1	0.9	0.8
2	1.8	1.6
3	2.7	2.4
4	3.6	3.2
5	4.5	4.0
6	5.4	4.8
7	6.3	5.6
8	7.2	6.4
9	8.1	7.2

	7	6
1	0.7	0.6
2	1.4	1.2
3	2.1	1.8
4	2.8	2.4
5	3.5	3.0
6	4.2	3.6
7	4.9	4.2
8	5.6	4.8
9	6.3	5.4

49°.500 — 49°.450

40°.550 — 40°.600

40°	sin	d	tang	d	cotg	cos	d		P.P.
.550	9.812 988		9.932 266		0.067 734	9.880 722		**.450**	
		9		16			7		
551	9.812 997		9.932 282		0.067 718	9.880 715		449	
		8		15			6		
552	9.813 005		9.932 297		0.067 703	9.880 709		448	
		9		15			7		
553	9.813 014		9.932 312		0.067 688	9.880 702		447	
		9		16			6		
554	9.813 023		9.932 328		0.067 672	9.880 696		446	
		9		15			7		
555	9.813 032		9.932 343		0.067 657	9.880 689		445	
		9		15			6		
556	9.813 041		9.932 358		0.067 642	9.880 683		444	
		9		16			7		
557	9.813 050		9.932 374		0.067 626	9.880 676		443	
		9		15			6		
558	9.813 059		9.932 389		0.067 611	9.880 670		442	
		8		15			7		
559	9.813 067		9.932 404		0.067 596	9.880 663		441	
		9		16			6		
.560	9.813 076		9.932 420		0.067 580	9.880 657		**.440**	
		9		15			7		
561	9.813 085		9.932 435		0.067 565	9.880 650		439	
		9		15			6		
562	9.813 094		9.932 450		0.067 550	9.880 644		438	
		9		16			7		
563	9.813 103		9.932 466		0.067 534	9.880 637		437	
		9		15			6		
564	9.813 112		9.932 481		0.067 519	9.880 631		436	
		9		15			7		
565	9.813 121		9.932 496		0.067 504	9.880 624		435	
		8		16			6		
566	9.813 129		9.932 512		0.067 488	9.880 618		434	
		9		15			7		
567	9.813 138		9.932 527		0.067 473	9.880 611		433	
		9		15			6		
568	9.813 147		9.932 542		0.067 458	9.880 605		432	
		9		16			7		
569	9.813 156		9.932 558		0.067 442	9.880 598		431	
		9		15			6		
.570	9.813 165		9.932 573		0.067 427	9.880 592		**.430**	
		9		15			7		
571	9.813 174		9.932 588		0.067 412	9.880 585		429	
		9		16			6		
572	9.813 183		9.932 604		0.067 396	9.880 579		428	
		8		15			7		
573	9.813 191		9.932 619		0.067 381	9.880 572		427	
		9		15			6		
574	9.813 200		9.932 634		0.067 366	9.880 566		426	
		9		16			7		
575	9.813 209		9.932 650		0.067 350	9.880 559		425	
		9		15			6		
576	9.813 218		9.932 665		0.067 335	9.880 553		424	
		9		16			7		
577	9.813 227		9.932 681		0.067 319	9.880 546		423	
		9		15			6		
578	9.813 236		9.932 696		0.067 304	9.880 540		422	
		9		15			7		
579	9.813 245		9.932 711		0.067 289	9.880 533		421	
		8		16			6		
.580	9.813 253		9.932 727		0.067 273	9.880 527		**.420**	
		9		15			7		
581	9.813 262		9.932 742		0.067 258	9.880 520		419	
		9		15			6		
582	9.813 271		9.932 757		0.067 243	9.880 514		418	
		9		16			7		
583	9.813 280		9.932 773		0.067 227	9.880 507		417	
		9		15			6		
584	9.813 289		9.932 788		0.067 212	9.880 501		416	
		9		15			7		
585	9.813 298		9.932 803		0.067 197	9.880 494		415	
		8		16			6		
586	9.813 306		9.932 819		0.067 181	9.880 488		414	
		9		15			7		
587	9.813 315		9.932 834		0.067 166	9.880 481		413	
		9		15			6		
588	9.813 324		9.932 849		0.067 151	9.880 475		412	
		9		16			7		
589	9.813 333		9.932 865		0.067 135	9.880 468		411	
		9		15			6		
.590	9.813 342		9.932 880		0.067 120	9.880 462		**.410**	
		9		15			7		
591	9.813 351		9.932 895		0.067 105	9.880 455		409	
		9		16			6		
592	9.813 360		9.932 911		0.067 089	9.880 449		408	
		8		15			7		
593	9.813 368		9.932 926		0.067 074	9.880 442		407	
		9		15			6		
594	9.813 377		9.932 941		0.067 059	9.880 436		406	
		9		16			7		
595	9.813 386		9.932 957		0.067 043	9.880 429		405	
		9		15			6		
596	9.813 395		9.932 972		0.067 028	9.880 423		404	
		9		15			7		
597	9.813 404		9.932 987		0.067 013	9.880 416		403	
		9		16			6		
598	9.813 413		9.933 003		0.066 997	9.880 410		402	
		8		15			7		
599	9.813 421		9.933 018		0.066 982	9.880 403		401	
		9		15			6		
.600	9.813 430		9.933 033		0.066 967	9.880 397		**.400**	
	cos	d	cotg	d	tang	sin	d	**49°**	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	9	8
1	0.9	0.8
2	1.8	1.6
3	2.7	2.4
4	3.6	3.2
5	4.5	4.0
6	5.4	4.8
7	6.3	5.6
8	7.2	6.4
9	8.1	7.2

	7	6
1	0.7	0.6
2	1.4	1.2
3	2.1	1.8
4	2.8	2.4
5	3.5	3.0
6	4.2	3.6
7	4.9	4.2
8	5.6	4.8
9	6.3	5.4

49°.450 — 49°.400

40°.600 — 40°.650

40°	sin	d	tang	d	cotg	cos	d		P.P.
.600	9.813 430	9	9.933 033	16	0.066 967	9.880 397	7	**.400**	
601	9.813 439	9	9.933 049	15	0.066 951	9.880 390	6	399	
602	9.813 448	9	9.933 064	15	0.066 936	9.880 384	7	398	
603	9.813 457	9	9.933 079	16	0.066 921	9.880 377	6	397	
604	9.813 466	9	9.933 095	15	0.066 905	9.880 371	6	396	
605	9.813 475	8	9.933 110	15	0.066 890	9.880 365	7	395	
606	9.813 483	9	9.933 125	16	0.066 875	9.880 358	6	394	
607	9.813 492	9	9.933 141	15	0.066 859	9.880 352	7	393	
608	9.813 501	9	9.933 156	15	0.066 844	9.880 345	6	392	
609	9.813 510	9	9.933 171	16	0.066 829	9.880 339	7	391	
.610	9.813 519	9	9.933 187	15	0.066 813	9.880 332	6	**.390**	
611	9.813 528	8	9.933 202	15	0.066 798	9.880 326	7	389	
612	9.813 536	9	9.933 217	16	0.066 783	9.880 319	6	388	
613	9.813 545	9	9.933 233	15	0.066 767	9.880 313	7	387	
614	9.813 554	9	9.933 248	15	0.066 752	9.880 306	6	386	
615	9.813 563	9	9.933 263	16	0.066 737	9.880 300	7	385	
616	9.813 572	9	9.933 279	15	0.066 721	9.880 293	6	384	
617	9.813 581	8	9.933 294	15	0.066 706	9.880 287	7	383	
618	9.813 589	9	9.933 309	16	0.066 691	9.880 280	6	382	
619	9.813 598	9	9.933 325	15	0.066 675	9.880 274	7	381	
.620	9.813 607	9	9.933 340	15	0.066 660	9.880 267	6	**.380**	
621	9.813 616	9	9.933 355	16	0.066 645	9.880 261	7	379	
622	9.813 625	9	9.933 371	15	0.066 629	9.880 254	6	378	
623	9.813 634	8	9.933 386	15	0.066 614	9.880 248	7	377	
624	9.813 642	9	9.933 401	16	0.066 599	9.880 241	7	376	
625	9.813 651	9	9.933 417	15	0.066 583	9.880 234	6	375	
626	9.813 660	9	9.933 432	16	0.066 568	9.880 228	7	374	
627	9.813 669	9	9.933 448	15	0.066 552	9.880 221	6	373	
628	9.813 678	9	9.933 463	15	0.066 537	9.880 215	7	372	
629	9.813 687	9	9.933 478	16	0.066 522	9.880 208	6	371	
.630	9.813 696	8	9.933 494	15	0.066 506	9.880 202	7	**.370**	
631	9.813 704	9	9.933 509	15	0.066 491	9.880 195	6	369	
632	9.813 713	9	9.933 524	16	0.066 476	9.880 189	7	368	
633	9.813 722	9	9.933 540	15	0.066 460	9.880 182	6	367	
634	9.813 731	9	9.933 555	15	0.066 445	9.880 176	7	366	
635	9.813 740	9	9.933 570	16	0.066 430	9.880 169	6	365	
636	9.813 749	8	9.933 586	15	0.066 414	9.880 163	7	364	
637	9.813 757	9	9.933 601	15	0.066 399	9.880 156	6	363	
638	9.813 766	9	9.933 616	16	0.066 384	9.880 150	7	362	
639	9.813 775	9	9.933 632	15	0.066 368	9.880 143	6	361	
.640	9.813 784	9	9.933 647	15	0.066 353	9.880 137	7	**.360**	
641	9.813 793	8	9.933 662	16	0.066 338	9.880 130	6	359	
642	9.813 801	9	9.933 678	15	0.066 322	9.880 124	7	358	
643	9.813 810	9	9.933 693	15	0.066 307	9.880 117	6	357	
644	9.813 819	9	9.933 708	16	0.066 292	9.880 111	7	356	
645	9.813 828	9	9.933 724	15	0.066 276	9.880 104	6	355	
646	9.813 837	9	9.933 739	15	0.066 261	9.880 098	7	354	
647	9.813 846	8	9.933 754	16	0.066 246	9.880 091	6	353	
648	9.813 854	9	9.933 770	15	0.066 230	9.880 085	7	352	
649	9.813 863	9	9.933 785	15	0.066 215	9.880 078	6	351	
.650	9.813 872		9.933 800		0.066 200	9.880 072		**.350**	
	cos	d	cotg	d	tang	sin	d	**49°**	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	9	8
1	0.9	0.8
2	1.8	1.6
3	2.7	2.4
4	3.6	3.2
5	4.5	4.0
6	5.4	4.8
7	6.3	5.6
8	7.2	6.4
9	8.1	7.2

	7	6
1	0.7	0.6
2	1.4	1.2
3	2.1	1.8
4	2.8	2.4
5	3.5	3.0
6	4.2	3.6
7	4.9	4.2
8	5.6	4.8
9	6.3	5.4

49°.400 — 49°.350

40°.650 — 40°.700

40°	sin	d	tang	d	cotg	cos	d		P.P.
.650	9.813 872	9	9.933 800	16	0.066 200	9.880 072	7	**.350**	
651	9.813 881	9	9.933 816	15	0.066 184	9.880 065	6	349	
652	9.813 890	9	9.933 831	15	0.066 169	9.880 059	7	348	
653	9.813 899	8	9.933 846	16	0.066 154	9.880 052	6	347	
654	9.813 907	9	9.933 862	15	0.066 138	9.880 046	7	346	
655	9.813 916	9	9.933 877	15	0.066 123	9.880 039	6	345	
656	9.813 925	9	9.933 892	16	0.066 108	9.880 033	7	344	
657	9.813 934	9	9.933 908	15	0.066 092	9.880 026	6	343	
658	9.813 943	9	9.933 923	15	0.066 077	9.880 020	7	342	
659	9.813 952	8	9.933 938	16	0.066 062	9.880 013	6	341	
.660	9.813 960	9	9.933 954	15	0.066 046	9.880 007	7	**.340**	
661	9.813 969	9	9.933 969	15	0.066 031	9.880 000	6	339	
662	9.813 978	9	9.933 984	16	0.066 016	9.879 994	7	338	
663	9.813 987	9	9.934 000	15	0.066 000	9.879 987	6	337	
664	9.813 996	9	9.934 015	15	0.065 985	9.879 981	7	336	
665	9.814 005	8	9.934 030	16	0.065 970	9.879 974	6	335	
666	9.814 013	9	9.934 046	15	0.065 954	9.879 968	7	334	
667	9.814 022	9	9.934 061	15	0.065 939	9.879 961	6	333	
668	9.814 031	9	9.934 076	16	0.065 924	9.879 955	7	332	
669	9.814 040	9	9.934 092	15	0.065 908	9.879 948	6	331	
.670	9.814 049	8	9.934 107	15	0.065 893	9.879 942	7	**.330**	
671	9.814 057	9	9.934 122	16	0.065 878	9.879 935	6	329	
672	9.814 066	9	9.934 138	15	0.065 862	9.879 929	7	328	
673	9.814 075	9	9.934 153	15	0.065 847	9.879 922	6	327	
674	9.814 084	9	9.934 168	16	0.065 832	9.879 916	7	326	
675	9.814 093	9	9.934 184	15	0.065 816	9.879 909	6	325	
676	9.814 102	8	9.934 199	15	0.065 801	9.879 903	7	324	
677	9.814 110	9	9.934 214	16	0.065 786	9.879 896	6	323	
678	9.814 119	9	9.934 230	15	0.065 770	9.879 890	7	322	
679	9.814 128	9	9.934 245	15	0.065 755	9.879 883	6	321	
.680	9.814 137	9	9.934 260	16	0.065 740	9.879 877	7	**.320**	
681	9.814 146	8	9.934 276	15	0.065 724	9.879 870	7	319	
682	9.814 154	9	9.934 291	15	0.065 709	9.879 863	6	318	
683	9.814 163	9	9.934 306	16	0.065 694	9.879 857	7	317	
684	9.814 172	9	9.934 322	15	0.065 678	9.879 850	6	316	
685	9.814 181	9	9.934 337	15	0.065 663	9.879 844	7	315	
686	9.814 190	9	9.934 352	16	0.065 648	9.879 837	6	314	
687	9.814 199	8	9.934 368	15	0.065 632	9.879 831	7	313	
688	9.814 207	9	9.934 383	15	0.065 617	9.879 824	6	312	
689	9.814 216	9	9.934 398	16	0.065 602	9.879 818	7	311	
.690	9.814 225	9	9.934 414	15	0.065 586	9.879 811	6	**.310**	
691	9.814 234	9	9.934 429	15	0.065 571	9.879 805	7	309	
692	9.814 243	8	9.934 444	16	0.065 556	9.879 798	6	308	
693	9.814 251	9	9.934 460	15	0.065 540	9.879 792	7	307	
694	9.814 260	9	9.934 475	15	0.065 525	9.879 785	6	306	
695	9.814 269	9	9.934 490	16	0.065 510	9.879 779	7	305	
696	9.814 278	9	9.934 506	15	0.065 494	9.879 772	6	304	
697	9.814 287	9	9.934 521	15	0.065 479	9.879 766	7	303	
698	9.814 296	8	9.934 536	16	0.065 464	9.879 759	6	302	
699	9.814 304	9	9.934 552	15	0.065 448	9.879 753	7	301	
.700	9.814 313		9.934 567		0.065 433	9.879 746		**.300**	
	cos	d	cotg	d	tang	sin	d	**49°**	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	9	8
1	0.9	0.8
2	1.8	1.6
3	2.7	2.4
4	3.6	3.2
5	4.5	4.0
6	5.4	4.8
7	6.3	5.6
8	7.2	6.4
9	8.1	7.2

	7	6
1	0.7	0.6
2	1.4	1.2
3	2.1	1.8
4	2.8	2.4
5	3.5	3.0
6	4.2	3.6
7	4.9	4.2
8	5.6	4.8
9	6.3	5.4

49°.350 — 49°.300

40°.700 — 40°.750

40°	sin	d	tang	d	cotg	cos	d		P.P.
.700	9.814 313	9	9.934 567	15	0.065 433	9.879 746	6	**.300**	
701	9.814 322	9	9.934 582	16	0.065 418	9.879 740	7	299	
702	9.814 331	9	9.934 598	15	0.065 402	9.879 733	6	298	
703	9.814 340	8	9.934 613	15	0.065 387	9.879 727	7	297	
704	9.814 348	9	9.934 628	16	0.065 372	9.879 720	6	296	
705	9.814 357	9	9.934 644	15	0.065 356	9.879 714	7	295	
706	9.814 366	9	9.934 659	15	0.065 341	9.879 707	6	294	
707	9.814 375	9	9.934 674	16	0.065 326	9.879 701	7	293	
708	9.814 384	8	9.934 690	15	0.065 310	9.879 694	7	292	
709	9.814 392	9	9.934 705	15	0.065 295	9.879 687	6	291	
.710	9.814 401	9	9.934 720	16	0.065 280	9.879 681	7	**.290**	
711	9.814 410	9	9.934 736	15	0.065 264	9.879 674	6	289	
712	9.814 419	9	9.934 751	15	0.065 249	9.879 668	7	288	
713	9.814 428	8	9.934 766	16	0.065 234	9.879 661	6	287	
714	9.814 436	9	9.934 782	15	0.065 218	9.879 655	7	286	
715	9.814 445	9	9.934 797	15	0.065 203	9.879 648	6	285	
716	9.814 454	9	9.934 812	16	0.065 188	9.879 642	7	284	
717	9.814 463	9	9.934 828	15	0.065 172	9.879 635	6	283	
718	9.814 472	9	9.934 843	15	0.065 157	9.879 629	7	282	
719	9.814 481	8	9.934 858	16	0.065 142	9.879 622	6	281	
.720	9.814 489	9	9.934 874	15	0.065 126	9.879 616	7	**.280**	
721	9.814 498	9	9.934 889	15	0.065 111	9.879 609	6	279	
722	9.814 507	9	9.934 904	16	0.065 096	9.879 603	7	278	
723	9.814 516	9	9.934 920	15	0.065 080	9.879 596	6	277	
724	9.814 525	8	9.934 935	15	0.065 065	9.879 590	7	276	
725	9.814 533	9	9.934 950	16	0.065 050	9.879 583	6	275	
726	9.814 542	9	9.934 966	15	0.065 034	9.879 577	7	274	
727	9.814 551	9	9.934 981	15	0.065 019	9.879 570	6	273	
728	9.814 560	9	9.934 996	16	0.065 004	9.879 564	7	272	
729	9.814 569	8	9.935 012	15	0.064 988	9.879 557	7	271	
.730	9.814 577	9	9.935 027	15	0.064 973	9.879 550	6	**.270**	
731	9.814 586	9	9.935 042	16	0.064 958	9.879 544	7	269	
732	9.814 595	9	9.935 058	15	0.064 942	9.879 537	6	268	
733	9.814 604	9	9.935 073	15	0.064 927	9.879 531	7	267	
734	9.814 613	8	9.935 088	16	0.064 912	9.879 524	6	266	
735	9.814 621	9	9.935 104	15	0.064 896	9.879 518	7	265	
736	9.814 630	9	9.935 119	15	0.064 881	9.879 511	6	264	
737	9.814 639	9	9.935 134	16	0.064 866	9.879 505	7	263	
738	9.814 648	9	9.935 150	15	0.064 850	9.879 498	6	262	
739	9.814 657	8	9.935 165	15	0.064 835	9.879 492	7	261	
.740	9.814 665	9	9.935 180	16	0.064 820	9.879 485	6	**.260**	
741	9.814 674	9	9.935 196	15	0.064 804	9.879 479	7	259	
742	9.814 683	9	9.935 211	15	0.064 789	9.879 472	6	258	
743	9.814 692	9	9.935 226	16	0.064 774	9.879 466	7	257	
744	9.814 701	8	9.935 242	15	0.064 758	9.879 459	6	256	
745	9.814 709	9	9.935 257	15	0.064 743	9.879 453	7	255	
746	9.814 718	9	9.935 272	15	0.064 728	9.879 446	7	254	
747	9.814 727	9	9.935 287	16	0.064 713	9.879 439	6	253	
748	9.814 736	9	9.935 303	15	0.064 697	9.879 433	7	252	
749	9.814 745	8	9.935 318	15	0.064 682	9.879 426	6	251	
.750	9.814 753		9.935 333		0.064 667	9.879 420		**.250**	
	cos	d	cotg	d	tang	sin	d	49°	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	9	8
1	0.9	0.8
2	1.8	1.6
3	2.7	2.4
4	3.6	3.2
5	4.5	4.0
6	5.4	4.8
7	6.3	5.6
8	7.2	6.4
9	8.1	7.2

	7	6
1	0.7	0.6
2	1.4	1.2
3	2.1	1.8
4	2.8	2.4
5	3.5	3.0
6	4.2	3.6
7	4.9	4.2
8	5.6	4.8
9	6.3	5.4

49°.300 — 49°.250

40°.750 — 40°.800

40°	sin	d	tang	d	cotg	cos	d		P.P.
.750	9.814 753	9	9.935 333	16	0.064 667	9.879 420	7	**.250**	
751	9.814 762	9	9.935 349	15	0.064 651	9.879 413	6	249	
752	9.814 771	9	9.935 364	15	0.064 636	9.879 407	7	248	
753	9.814 780	9	9.935 379	16	0.064 621	9.879 400	6	247	
754	9.814 789	8	9.935 395	15	0.064 605	9.879 394	7	246	
755	9.814 797	9	9.935 410	15	0.064 590	9.879 387	6	245	
756	9.814 806	9	9.935 425	16	0.064 575	9.879 381	7	244	
757	9.814 815	9	9.935 441	15	0.064 559	9.879 374	6	243	
758	9.814 824	9	9.935 456	15	0.064 544	9.879 368	7	242	
759	9.814 833	8	9.935 471	16	0.064 529	9.879 361	6	241	
.760	9.814 841	9	9.935 487	15	0.064 513	9.879 355	7	**.240**	
761	9.814 850	9	9.935 502	15	0.064 498	9.879 348	6	239	
762	9.814 859	9	9.935 517	16	0.064 483	9.879 342	7	238	
763	9.814 868	8	9.935 533	15	0.064 467	9.879 335	7	237	
764	9.814 876	9	9.935 548	15	0.064 452	9.879 328	6	236	
765	9.814 885	9	9.935 563	16	0.064 437	9.879 322	7	235	
766	9.814 894	9	9.935 579	15	0.064 421	9.879 315	6	234	
767	9.814 903	9	9.935 594	15	0.064 406	9.879 309	7	233	
768	9.814 912	8	9.935 609	16	0.064 391	9.879 302	6	232	
769	9.814 920	9	9.935 625	15	0.064 375	9.879 296	7	231	
.770	9.814 929	9	9.935 640	15	0.064 360	9.879 289	6	**.230**	
771	9.814 938	9	9.935 655	16	0.064 345	9.879 283	7	229	
772	9.814 947	9	9.935 671	15	0.064 329	9.879 276	6	228	
773	9.814 956	8	9.935 686	15	0.064 314	9.879 270	7	227	
774	9.814 964	9	9.935 701	16	0.064 299	9.879 263	6	226	
775	9.814 973	9	9.935 717	15	0.064 283	9.879 257	7	225	
776	9.814 982	9	9.935 732	15	0.064 268	9.879 250	7	224	
777	9.814 991	9	9.935 747	16	0.064 253	9.879 243	6	223	
778	9.815 000	8	9.935 763	15	0.064 237	9.879 237	7	222	
779	9.815 008	9	9.935 778	15	0.064 222	9.879 230	6	221	
.780	9.815 017	9	9.935 793	16	0.064 207	9.879 224	7	**.220**	
781	9.815 026	9	9.935 809	15	0.064 191	9.879 217	6	219	
782	9.815 035	8	9.935 824	15	0.064 176	9.879 211	7	218	
783	9.815 043	9	9.935 839	16	0.064 161	9.879 204	6	217	
784	9.815 052	9	9.935 855	15	0.064 145	9.879 198	7	216	
785	9.815 061	9	9.935 870	15	0.064 130	9.879 191	6	215	
786	9.815 070	9	9.935 885	16	0.064 115	9.879 185	7	214	
787	9.815 079	8	9.935 901	15	0.064 099	9.879 178	6	213	
788	9.815 087	9	9.935 916	15	0.064 084	9.879 172	7	212	
789	9.815 096	9	9.935 931	16	0.064 069	9.879 165	7	211	
.790	9.815 105	9	9.935 947	15	0.064 053	9.879 158	6	**.210**	
791	9.815 114	9	9.935 962	15	0.064 038	9.879 152	7	209	
792	9.815 123	8	9.935 977	16	0.064 023	9.879 145	6	208	
793	9.815 131	9	9.935 993	15	0.064 007	9.879 139	7	207	
794	9.815 140	9	9.936 008	15	0.063 992	9.879 132	6	206	
795	9.815 149	9	9.936 023	15	0.063 977	9.879 126	7	205	
796	9.815 158	8	9.936 038	16	0.063 962	9.879 119	6	204	
797	9.815 166	9	9.936 054	15	0.063 946	9.879 113	7	203	
798	9.815 175	9	9.936 069	15	0.063 931	9.879 106	6	202	
799	9.815 184	9	9.936 084	16	0.063 916	9.879 100	7	201	
.800	9.815 193		9.936 100		0.063 900	9.879 093		**.200**	
	cos	d	cotg	d	tang	sin	d	49°	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	9	8
1	0.9	0.8
2	1.8	1.6
3	2.7	2.4
4	3.6	3.2
5	4.5	4.0
6	5.4	4.8
7	6.3	5.6
8	7.2	6.4
9	8.1	7.2

	7	6
1	0.7	0.6
2	1.4	1.2
3	2.1	1.8
4	2.8	2.4
5	3.5	3.0
6	4.2	3.6
7	4.9	4.2
8	5.6	4.8
9	6.3	5.4

49°.250 — 49°.200

40°.800 — 40°.850

40°	sin	d	tang	d	cotg	cos	d		P.P.
.800	9.815 193	9	9.936 100	15	0.063 900	9.879 093	6	**.200**	
801	9.815 202	8	9.936 115	15	0.063 885	9.879 087	7	199	
802	9.815 210	9	9.936 130	16	0.063 870	9.879 080	7	198	
803	9.815 219	9	9.936 146	15	0.063 854	9.879 073	6	197	
804	9.815 228	9	9.936 161	15	0.063 839	9.879 067	7	196	
805	9.815 237	9	9.936 176	16	0.063 824	9.879 060	6	195	
806	9.815 246	8	9.936 192	15	0.063 808	9.879 054	7	194	
807	9.815 254	9	9.936 207	15	0.063 793	9.879 047	6	193	
808	9.815 263	9	9.936 222	16	0.063 778	9.879 041	7	192	
809	9.815 272	9	9.936 238	15	0.063 762	9.879 034	6	191	
.810	9.815 281	8	9.936 253	15	0.063 747	9.879 028	7	**.190**	
811	9.815 289	9	9.936 268	16	0.063 732	9.879 021	6	189	
812	9.815 298	9	9.936 284	15	0.063 716	9.879 015	7	188	
813	9.815 307	9	9.936 299	15	0.063 701	9.879 008	7	187	
814	9.815 316	9	9.936 314	16	0.063 686	9.879 001	6	186	
815	9.815 325	8	9.936 330	15	0.063 670	9.878 995	7	185	
816	9.815 333	9	9.936 345	15	0.063 655	9.878 988	6	184	
817	9.815 342	9	9.936 360	16	0.063 640	9.878 982	7	183	
818	9.815 351	9	9.936 376	15	0.063 624	9.878 975	6	182	
819	9.815 360	8	9.936 391	15	0.063 609	9.878 969	7	181	
.820	9.815 368	9	9.936 406	16	0.063 594	9.878 962	6	**.180**	
821	9.815 377	9	9.936 422	15	0.063 578	9.878 956	7	179	
822	9.815 386	9	9.936 437	15	0.063 563	9.878 949	7	178	
823	9.815 395	8	9.936 452	16	0.063 548	9.878 942	6	177	
824	9.815 403	9	9.936 468	15	0.063 532	9.878 936	7	176	
825	9.815 412	9	9.936 483	15	0.063 517	9.878 929	6	175	
826	9.815 421	9	9.936 498	16	0.063 502	9.878 923	7	174	
827	9.815 430	9	9.936 514	15	0.063 486	9.878 916	6	173	
828	9.815 439	8	9.936 529	15	0.063 471	9.878 910	7	172	
829	9.815 447	9	9.936 544	15	0.063 456	9.878 903	6	171	
.830	9.815 456	9	9.936 559	16	0.063 441	9.878 897	7	**.170**	
831	9.815 465	9	9.936 575	15	0.063 425	9.878 890	6	169	
832	9.815 474	8	9.936 590	15	0.063 410	9.878 884	7	168	
833	9.815 482	9	9.936 605	16	0.063 395	9.878 877	7	167	
834	9.815 491	9	9.936 621	15	0.063 379	9.878 870	6	166	
835	9.815 500	9	9.936 636	15	0.063 364	9.878 864	7	165	
836	9.815 509	9	9.936 651	16	0.063 349	9.878 857	6	164	
837	9.815 518	8	9.936 667	15	0.063 333	9.878 851	7	163	
838	9.815 526	9	9.936 682	15	0.063 318	9.878 844	6	162	
839	9.815 535	9	9.936 697	16	0.063 303	9.878 838	7	161	
.840	9.815 544	9	9.936 713	15	0.063 287	9.878 831	6	**.160**	
841	9.815 553	8	9.936 728	15	0.063 272	9.878 825	7	159	
842	9.815 561	9	9.936 743	16	0.063 257	9.878 818	7	158	
843	9.815 570	9	9.936 759	15	0.063 241	9.878 811	6	157	
844	9.815 579	9	9.936 774	15	0.063 226	9.878 805	7	156	
845	9.815 588	8	9.936 789	16	0.063 211	9.878 798	6	155	
846	9.815 596	9	9.936 805	15	0.063 195	9.878 792	7	154	
847	9.815 605	9	9.936 820	15	0.063 180	9.878 785	6	153	
848	9.815 614	9	9.936 835	16	0.063 165	9.878 779	7	152	
849	9.815 623	9	9.936 851	15	0.063 149	9.878 772	6	151	
.850	9.815 632		9.936 866		0.063 134	9.878 766		**.150**	
	cos	d	cotg	d	tang	sin	d	49°	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	9	8
1	0.9	0.8
2	1.8	1.6
3	2.7	2.4
4	3.6	3.2
5	4.5	4.0
6	5.4	4.8
7	6.3	5.6
8	7.2	6.4
9	8.1	7.2

	7	6
1	0.7	0.6
2	1.4	1.2
3	2.1	1.8
4	2.8	2.4
5	3.5	3.0
6	4.2	3.6
7	4.9	4.2
8	5.6	4.8
9	6.3	5.4

49°.200 — 49°.150

40°.850 — 40°.900

40°	sin	d	tang	d	cotg	cos	d		P.P.
.850	9.815 632	8	9.936 866	15	0.063 134	9.878 766	7	**.150**	
851	9.815 640	9	9.936 881	16	0.063 119	9.878 759	6	149	
852	9.815 649	9	9.936 897	15	0.063 103	9.878 753	7	148	
853	9.815 658	9	9.936 912	15	0.063 088	9.878 746	7	147	
854	9.815 667	8	9.936 927	15	0.063 073	9.878 739	6	146	
855	9.815 675	9	9.936 942	16	0.063 058	9.878 733	7	145	
856	9.815 684	9	9.936 958	15	0.063 042	9.878 726	6	144	
857	9.815 693	9	9.936 973	15	0.063 027	9.878 720	7	143	
858	9.815 702	8	9.936 988	16	0.063 012	9.878 713	6	142	
859	9.815 710	9	9.937 004	15	0.062 996	9.878 707	7	141	
.860	9.815 719	9	9.937 019	15	0.062 981	9.878 700	6	**.140**	
861	9.815 728	9	9.937 034	16	0.062 966	9.878 694	7	139	
862	9.815 737	8	9.937 050	15	0.062 950	9.878 687	7	138	
863	9.815 745	9	9.937 065	15	0.062 935	9.878 680	6	137	
864	9.815 754	9	9.937 080	16	0.062 920	9.878 674	7	136	
865	9.815 763	9	9.937 096	15	0.062 904	9.878 667	6	135	
866	9.815 772	8	9.937 111	15	0.062 889	9.878 661	7	134	
867	9.815 780	9	9.937 126	16	0.062 874	9.878 654	6	133	
868	9.815 789	9	9.937 142	15	0.062 858	9.878 648	7	132	
869	9.815 798	9	9.937 157	15	0.062 843	9.878 641	7	131	
.870	9.815 807	9	9.937 172	16	0.062 828	9.878 634	6	**.130**	
871	9.815 816	8	9.937 188	15	0.062 812	9.878 628	7	129	
872	9.815 824	9	9.937 203	15	0.062 797	9.878 621	6	128	
873	9.815 833	9	9.937 218	16	0.062 782	9.878 615	7	127	
874	9.815 842	9	9.937 234	15	0.062 766	9.878 608	6	126	
875	9.815 851	8	9.937 249	15	0.062 751	9.878 602	7	125	
876	9.815 859	9	9.937 264	16	0.062 736	9.878 595	6	124	
877	9.815 868	9	9.937 280	15	0.062 720	9.878 589	7	123	
878	9.815 877	9	9.937 295	15	0.062 705	9.878 582	7	122	
879	9.815 886	8	9.937 310	15	0.062 690	9.878 575	6	121	
.880	9.815 894	9	9.937 325	16	0.062 675	9.878 569	7	**.120**	
881	9.815 903	9	9.937 341	15	0.062 659	9.878 562	6	119	
882	9.815 912	9	9.937 356	15	0.062 644	9.878 556	7	118	
883	9.815 921	8	9.937 371	16	0.062 629	9.878 549	6	117	
884	9.815 929	9	9.937 387	15	0.062 613	9.878 543	7	116	
885	9.815 938	9	9.937 402	15	0.062 598	9.878 536	6	115	
886	9.815 947	9	9.937 417	16	0.062 583	9.878 530	7	114	
887	9.815 956	8	9.937 433	15	0.062 567	9.878 523	7	113	
888	9.815 964	9	9.937 448	15	0.062 552	9.878 516	6	112	
889	9.815 973	9	9.937 463	16	0.062 537	9.878 510	7	111	
.890	9.815 982	9	9.937 479	15	0.062 521	9.878 503	6	**.110**	
891	9.815 991	8	9.937 494	15	0.062 506	9.878 497	7	109	
892	9.815 999	9	9.937 509	16	0.062 491	9.878 490	6	108	
893	9.816 008	9	9.937 525	15	0.062 475	9.878 484	7	107	
894	9.816 017	9	9.937 540	15	0.062 460	9.878 477	7	106	
895	9.816 026	8	9.937 555	16	0.062 445	9.878 470	6	105	
896	9.816 034	9	9.937 571	15	0.062 429	9.878 464	7	104	
897	9.816 043	9	9.937 586	15	0.062 414	9.878 457	6	103	
898	9.816 052	9	9.937 601	15	0.062 399	9.878 451	7	102	
899	9.816 061	8	9.937 616	16	0.062 384	9.878 444	6	101	
.900	9.816 069		9.937 632		0.062 368	9.878 438		**.100**	
	cos	d	cotg	d	tang	sin	d	49°	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	9	8
1	0.9	0.8
2	1.8	1.6
3	2.7	2.4
4	3.6	3.2
5	4.5	4.0
6	5.4	4.8
7	6.3	5.6
8	7.2	6.4
9	8.1	7.2

	7	6
1	0.7	0.6
2	1.4	1.2
3	2.1	1.8
4	2.8	2.4
5	3.5	3.0
6	4.2	3.6
7	4.9	4.2
8	5.6	4.8
9	6.3	5.4

49°.150 — 49°.100

40°.900 — 40°.950

40°	sin	d	tang	d	cotg	cos	d		P.P.
.900	9.816 069		9.937 632		0.062 368	9.878 438		**.100**	
		9		15			7		
901	9.816 078		9.937 647		0.062 353	9.878 431		099	
902	9.816 087	9	9.937 662	15	0.062 338	9.878 424	7	098	
903	9.816 096	9	9.937 678	16	0.062 322	9.878 418	6	097	
		8		15			7		
904	9.816 104		9.937 693		0.062 307	9.878 411		096	
905	9.816 113	9	9.937 708	15	0.062 292	9.878 405	6	095	
906	9.816 122	9	9.937 724	16	0.062 276	9.878 398	7	094	
		9		15			6		
907	9.816 131		9.937 739		0.062 261	9.878 392		093	
908	9.816 139	8	9.937 754	15	0.062 246	9.878 385	7	092	
909	9.816 148	9	9.937 770	16	0.062 230	9.878 379	6	091	
		9		15			7		
.910	9.816 157		9.937 785		0.062 215	9.878 372		**.090**	
		9		15			7		
911	9.816 166		9.937 800		0.062 200	9.878 365		089	
912	9.816 174	8	9.937 816	16	0.062 184	9.878 359	6	088	
913	9.816 183	9	9.937 831	15	0.062 169	9.878 352	7	087	
		9		15			6		
914	9.816 192		9.937 846		0.062 154	9.878 346		086	
915	9.816 201	9	9.937 862	16	0.062 138	9.878 339	7	085	
916	9.816 209	8	9.937 877	15	0.062 123	9.878 333	6	084	
		9		15			7		
917	9.816 218		9.937 892		0.062 108	9.878 326		083	
918	9.816 227	9	9.937 907	15	0.062 093	9.878 319	7	082	
919	9.816 236	9	9.937 923	16	0.062 077	9.878 313	6	081	
		8		15			7		
.920	9.816 244		9.937 938		0.062 062	9.878 306		**.080**	
		9		15			6		
921	9.816 253		9.937 953		0.062 047	9.878 300		079	
922	9.816 262	9	9.937 969	16	0.062 031	9.878 293	7	078	
923	9.816 271	9	9.937 984	15	0.062 016	9.878 287	6	077	
		8		15			7		
924	9.816 279		9.937 999		0.062 001	9.878 280		076	
925	9.816 288	9	9.938 015	16	0.061 985	9.878 273	7	075	
926	9.816 297	9	9.938 030	15	0.061 970	9.878 267	6	074	
		9		15			7		
927	9.816 306		9.938 045		0.061 955	9.878 260		073	
928	9.816 314	8	9.938 061	16	0.061 939	9.878 254	6	072	
929	9.816 323	9	9.938 076	15	0.061 924	9.878 247	7	071	
		9		15			6		
.930	9.816 332		9.938 091		0.061 909	9.878 241		**.070**	
		9		16			7		
931	9.816 341		9.938 107		0.061 893	9.878 234		069	
932	9.816 349	8	9.938 122	15	0.061 878	9.878 227	7	068	
933	9.816 358	9	9.938 137	15	0.061 863	9.878 221	6	067	
		9		16			7		
934	9.816 367		9.938 153		0.061 847	9.878 214		066	
935	9.816 375	8	9.938 168	15	0.061 832	9.878 208	6	065	
936	9.816 384	9	9.938 183	15	0.061 817	9.878 201	7	064	
		9		15			6		
937	9.816 393		9.938 198		0.061 802	9.878 195		063	
938	9.816 402	9	9.938 214	16	0.061 786	9.878 188	7	062	
939	9.816 410	8	9.938 229	15	0.061 771	9.878 181	7	061	
		9		15			6		
.940	9.816 419		9.938 244		0.061 756	9.878 175		**.060**	
		9		16			7		
941	9.816 428		9.938 260		0.061 740	9.878 168		059	
942	9.816 437	9	9.938 275	15	0.061 725	9.878 162	6	058	
943	9.816 445	8	9.938 290	15	0.061 710	9.878 155	7	057	
		9		16			7		
944	9.816 454		9.938 306		0.061 694	9.878 148		056	
945	9.816 463	9	9.938 321	15	0.061 679	9.878 142	6	055	
946	9.816 472	9	9.938 336	15	0.061 664	9.878 135	7	054	
		8		16			6		
947	9.816 480		9.938 352		0.061 648	9.878 129		053	
948	9.816 489	9	9.938 367	15	0.061 633	9.878 122	7	052	
949	9.816 498	9	9.938 382	15	0.061 618	9.878 116	6	051	
		9		16			7		
.950	9.816 507		9.938 398		0.061 602	9.878 109		**.050**	
	cos	d	cotg	d	tang	sin	d	**49°**	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	9	8
1	0.9	0.8
2	1.8	1.6
3	2.7	2.4
4	3.6	3.2
5	4.5	4.0
6	5.4	4.8
7	6.3	5.6
8	7.2	6.4
9	8.1	7.2

	7	6
1	0.7	0.6
2	1.4	1.2
3	2.1	1.8
4	2.8	2.4
5	3.5	3.0
6	4.2	3.6
7	4.9	4.2
8	5.6	4.8
9	6.3	5.4

49°.100 — 49°.050

40°.950 — 41°.000

40°	sin	d	tang	d	cotg	cos	d		P.P.
.950	9.816 507	8	9.938 398	15	0.061 602	9.878 109	7	**.050**	
951	9.816 515	9	9.938 413	15	0.061 587	9.878 102	6	049	
952	9.816 524	9	9.938 428	15	0.061 572	9.878 096	7	048	
953	9.816 533	8	9.938 443	16	0.061 557	9.878 089	6	047	
954	9.816 541	9	9.938 459	15	0.061 541	9.878 083	7	046	
955	9.816 550	9	9.938 474	15	0.061 526	9.878 076	6	045	
956	9.816 559	9	9.938 489	16	0.061 511	9.878 070	7	044	
957	9.816 568	8	9.938 505	15	0.061 495	9.878 063	7	043	
958	9.816 576	9	9.938 520	15	0.061 480	9.878 056	6	042	
959	9.816 585	9	9.938 535	16	0.061 465	9.878 050	7	041	
.960	9.816 594	9	9.938 551	15	0.061 449	9.878 043	6	**.040**	
961	9.816 603	8	9.938 566	15	0.061 434	9.878 037	7	039	
962	9.816 611	9	9.938 581	16	0.061 419	9.878 030	7	038	
963	9.816 620	9	9.938 597	15	0.061 403	9.878 023	6	037	
964	9.816 629	9	9.938 612	15	0.061 388	9.878 017	7	036	
965	9.816 638	8	9.938 627	16	0.061 373	9.878 010	6	035	
966	9.816 646	9	9.938 643	15	0.061 357	9.878 004	7	034	
967	9.816 655	9	9.938 658	15	0.061 342	9.877 997	6	033	
968	9.816 664	8	9.938 673	15	0.061 327	9.877 991	7	032	
969	9.816 672	9	9.938 688	16	0.061 312	9.877 984	7	031	
.970	9.816 681	9	9.938 704	15	0.061 296	9.877 977	6	**.030**	
971	9.816 690	9	9.938 719	15	0.061 281	9.877 971	7	029	
972	9.816 699	8	9.938 734	16	0.061 266	9.877 964	6	028	
973	9.816 707	9	9.938 750	15	0.061 250	9.877 958	7	027	
974	9.816 716	9	9.938 765	15	0.061 235	9.877 951	6	026	
975	9.816 725	9	9.938 780	16	0.061 220	9.877 945	7	025	
976	9.816 734	8	9.938 796	15	0.061 204	9.877 938	7	024	
977	9.816 742	9	9.938 811	15	0.061 189	9.877 931	6	023	
978	9.816 751	9	9.938 826	16	0.061 174	9.877 925	7	022	
979	9.816 760	8	9.938 842	15	0.061 158	9.877 918	6	021	
.980	9.816 768	9	9.938 857	15	0.061 143	9.877 912	7	**.020**	
981	9.816 777	9	9.938 872	15	0.061 128	9.877 905	7	019	
982	9.816 786	9	9.938 887	16	0.061 113	9.877 898	6	018	
983	9.816 795	8	9.938 903	15	0.061 097	9.877 892	7	017	
984	9.816 803	9	9.938 918	15	0.061 082	9.877 885	6	016	
985	9.816 812	9	9.938 933	16	0.061 067	9.877 879	7	015	
986	9.816 821	9	9.938 949	15	0.061 051	9.877 872	6	014	
987	9.816 830	8	9.938 964	15	0.061 036	9.877 866	7	013	
988	9.816 838	9	9.938 979	16	0.061 021	9.877 859	7	012	
989	9.816 847	9	9.938 995	15	0.061 005	9.877 852	6	011	
.990	9.816 856	8	9.939 010	15	0.060 990	9.877 846	7	**.010**	
991	9.816 864	9	9.939 025	16	0.060 975	9.877 839	6	009	
992	9.816 873	9	9.939 041	15	0.060 959	9.877 833	7	008	
993	9.816 882	9	9.939 056	15	0.060 944	9.877 826	7	007	
994	9.816 891	8	9.939 071	16	0.060 929	9.877 819	6	006	
995	9.816 899	9	9.939 087	15	0.060 913	9.877 813	7	005	
996	9.816 908	9	9.939 102	15	0.060 898	9.877 806	6	004	
997	9.816 917	8	9.939 117	15	0.060 883	9.877 800	7	003	
998	9.816 925	9	9.939 132	16	0.060 868	9.877 793	7	002	
999	9.816 934	9	9.939 148	15	0.060 852	9.877 786	6	001	
***.000**	9.816 943		9.939 163		0.060 837	9.877 780		**.000**	
	cos	d	cotg	d	tang	sin	d	**49°**	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	9	8
1	0.9	0.8
2	1.8	1.6
3	2.7	2.4
4	3.6	3.2
5	4.5	4.0
6	5.4	4.8
7	6.3	5.6
8	7.2	6.4
9	8.1	7.2

	7	6
1	0.7	0.6
2	1.4	1.2
3	2.1	1.8
4	2.8	2.4
5	3.5	3.0
6	4.2	3.6
7	4.9	4.2
8	5.6	4.8
9	6.3	5.4

49°.050 — 49°.000

41°.000 — 41°.050

41°	sin	d	tang	d	cotg	cos	d		P.P.
.000	9.816 943		9.939 163		0.060 837	9.877 780		***000**	
001	9.816 952	9	9.939 178	15	0.060 822	9.877 773	7	999	
002	9.816 960	8	9.939 194	16	0.060 806	9.877 767	6	998	
003	9.816 969	9	9.939 209	15	0.060 791	9.877 760	7	997	
004	9.816 978	9	9.939 224	15	0.060 776	9.877 754	6	996	
005	9.816 987	9	9.939 240	16	0.060 760	9.877 747	7	995	
006	9.816 995	8	9.939 255	15	0.060 745	9.877 740	7	994	
007	9.817 004	9	9.939 270	15	0.060 730	9.877 734	6	993	
008	9.817 013	9	9.939 286	16	0.060 714	9.877 727	7	992	
009	9.817 021	8	9.939 301	15	0.060 699	9.877 721	6	991	
.010	9.817 030	9	9.939 316	15	0.060 684	9.877 714	7	**.990**	
011	9.817 039	9	9.939 331	15	0.060 669	9.877 707	7	989	
012	9.817 048	9	9.939 347	16	0.060 653	9.877 701	6	988	
013	9.817 056	8	9.939 362	15	0.060 638	9.877 694	7	987	
014	9.817 065	9	9.939 377	15	0.060 623	9.877 688	6	986	
015	9.817 074	9	9.939 393	16	0.060 607	9.877 681	7	985	
016	9.817 082	8	9.939 408	15	0.060 592	9.877 674	7	984	
017	9.817 091	9	9.939 423	15	0.060 577	9.877 668	6	983	
018	9.817 100	9	9.939 439	16	0.060 561	9.877 661	7	982	
019	9.817 109	9	9.939 454	15	0.060 546	9.877 655	6	981	
.020	9.817 117	8	9.939 469	15	0.060 531	9.877 648	7	**.980**	
021	9.817 126	9	9.939 485	16	0.060 515	9.877 641	7	979	
022	9.817 135	9	9.939 500	15	0.060 500	9.877 635	6	978	
023	9.817 143	8	9.939 515	15	0.060 485	9.877 628	7	977	
024	9.817 152	9	9.939 530	15	0.060 470	9.877 622	6	976	
025	9.817 161	9	9.939 546	16	0.060 454	9.877 615	7	975	
026	9.817 170	9	9.939 561	15	0.060 439	9.877 608	7	974	
027	9.817 178	8	9.939 576	15	0.060 424	9.877 602	6	973	
028	9.817 187	9	9.939 592	16	0.060 408	9.877 595	7	972	
029	9.817 196	9	9.939 607	15	0.060 393	9.877 589	6	971	
.030	9.817 204	8	9.939 622	15	0.060 378	9.877 582	7	**.970**	
031	9.817 213	9	9.939 638	16	0.060 362	9.877 575	7	969	
032	9.817 222	9	9.939 653	15	0.060 347	9.877 569	6	968	
033	9.817 230	8	9.939 668	15	0.060 332	9.877 562	7	967	
034	9.817 239	9	9.939 684	16	0.060 316	9.877 556	6	966	
035	9.817 248	9	9.939 699	15	0.060 301	9.877 549	7	965	
036	9.817 257	9	9.939 714	15	0.060 286	9.877 543	6	964	
037	9.817 265	8	9.939 729	15	0.060 271	9.877 536	7	963	
038	9.817 274	9	9.939 745	16	0.060 255	9.877 529	7	962	
039	9.817 283	9	9.939 760	15	0.060 240	9.877 523	6	961	
.040	9.817 291	8	9.939 775	15	0.060 225	9.877 516	7	**.960**	
041	9.817 300	9	9.939 791	16	0.060 209	9.877 510	6	959	
042	9.817 309	9	9.939 806	15	0.060 194	9.877 503	7	958	
043	9.817 318	9	9.939 821	15	0.060 179	9.877 496	7	957	
044	9.817 326	8	9.939 837	16	0.060 163	9.877 490	6	956	
045	9.817 335	9	9.939 852	15	0.060 148	9.877 483	7	955	
046	9.817 344	9	9.939 867	15	0.060 133	9.877 477	6	954	
047	9.817 352	8	9.939 882	15	0.060 118	9.877 470	7	953	
048	9.817 361	9	9.939 898	16	0.060 102	9.877 463	7	952	
049	9.817 370	9	9.939 913	15	0.060 087	9.877 457	6	951	
.050	9.817 379	9	9.939 928	15	0.060 072	9.877 450	7	**.950**	
	cos	d	cotg	d	tang	sin	d	**48°**	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	9	8
1	0.9	0.8
2	1.8	1.6
3	2.7	2.4
4	3.6	3.2
5	4.5	4.0
6	5.4	4.8
7	6.3	5.6
8	7.2	6.4
9	8.1	7.2

	7	6
1	0.7	0.6
2	1.4	1.2
3	2.1	1.8
4	2.8	2.4
5	3.5	3.0
6	4.2	3.6
7	4.9	4.2
8	5.6	4.8
9	6.3	5.4

49°.000 — 48°.950

41°.050 — 41°.100

41°	sin	d	tang	d	cotg	cos	d		P.P.
.050	9.817 379	8	9.939 928	16	0.060 072	9.877 450	6	**.950**	
051	9.817 387	9	9.939 944	15	0.060 056	9.877 444	7	949	
052	9.817 396	9	9.939 959	15	0.060 041	9.877 437	7	948	
053	9.817 405	8	9.939 974	16	0.060 026	9.877 430	6	947	
054	9.817 413	9	9.939 990	15	0.060 010	9.877 424	7	946	
055	9.817 422	9	9.940 005	15	0.059 995	9.877 417	6	945	
056	9.817 431	8	9.940 020	16	0.059 980	9.877 411	7	944	
057	9.817 439	9	9.940 036	15	0.059 964	9.877 404	7	943	
058	9.817 448	9	9.940 051	15	0.059 949	9.877 397	6	942	
059	9.817 457	9	9.940 066	15	0.059 934	9.877 391	7	941	
.060	9.817 466	8	9.940 081	16	0.059 919	9.877 384	7	**.940**	
061	9.817 474	9	9.940 097	15	0.059 903	9.877 377	6	939	
062	9.817 483	9	9.940 112	15	0.059 888	9.877 371	7	938	
063	9.817 492	8	9.940 127	16	0.059 873	9.877 364	6	937	
064	9.817 500	9	9.940 143	15	0.059 857	9.877 358	7	936	
065	9.817 509	9	9.940 158	15	0.059 842	9.877 351	7	935	
066	9.817 518	8	9.940 173	16	0.059 827	9.877 344	6	934	
067	9.817 526	9	9.940 189	15	0.059 811	9.877 338	7	933	
068	9.817 535	9	9.940 204	15	0.059 796	9.877 331	6	932	
069	9.817 544	9	9.940 219	15	0.059 781	9.877 325	7	931	
.070	9.817 553	8	9.940 234	16	0.059 766	9.877 318	7	**.930**	
071	9.817 561	9	9.940 250	15	0.059 750	9.877 311	6	929	
072	9.817 570	9	9.940 265	15	0.059 735	9.877 305	7	928	
073	9.817 579	8	9.940 280	16	0.059 720	9.877 298	6	927	
074	9.817 587	9	9.940 296	15	0.059 704	9.877 292	7	926	
075	9.817 596	9	9.940 311	15	0.059 689	9.877 285	7	925	
076	9.817 605	8	9.940 326	16	0.059 674	9.877 278	6	924	
077	9.817 613	9	9.940 342	15	0.059 658	9.877 272	7	923	
078	9.817 622	9	9.940 357	15	0.059 643	9.877 265	6	922	
079	9.817 631	9	9.940 372	16	0.059 628	9.877 259	7	921	
.080	9.817 640	8	9.940 388	15	0.059 612	9.877 252	7	**.920**	
081	9.817 648	9	9.940 403	15	0.059 597	9.877 245	6	919	
082	9.817 657	9	9.940 418	15	0.059 582	9.877 239	7	918	
083	9.817 666	8	9.940 433	16	0.059 567	9.877 232	6	917	
084	9.817 674	9	9.940 449	15	0.059 551	9.877 226	7	916	
085	9.817 683	9	9.940 464	15	0.059 536	9.877 219	7	915	
086	9.817 692	8	9.940 479	16	0.059 521	9.877 212	6	914	
087	9.817 700	9	9.940 495	15	0.059 505	9.877 206	7	913	
088	9.817 709	9	9.940 510	15	0.059 490	9.877 199	6	912	
089	9.817 718	8	9.940 525	16	0.059 475	9.877 193	7	911	
.090	9.817 726	9	9.940 541	15	0.059 459	9.877 186	7	**.910**	
091	9.817 735	9	9.940 556	15	0.059 444	9.877 179	6	909	
092	9.817 744	9	9.940 571	15	0.059 429	9.877 173	7	908	
093	9.817 753	8	9.940 586	16	0.059 414	9.877 166	7	907	
094	9.817 761	9	9.940 602	15	0.059 398	9.877 159	6	906	
095	9.817 770	9	9.940 617	15	0.059 383	9.877 153	7	905	
096	9.817 779	8	9.940 632	16	0.059 368	9.877 146	6	904	
097	9.817 787	9	9.940 648	15	0.059 352	9.877 140	7	903	
098	9.817 796	9	9.940 663	15	0.059 337	9.877 133	7	902	
099	9.817 805	8	9.940 678	16	0.059 322	9.877 126	6	901	
.100	9.817 813		9.940 694		0.059 306	9.877 120		**.900**	
	cos	d	cotg	d	tang	sin	d	48°	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	9	8
1	0.9	0.8
2	1.8	1.6
3	2.7	2.4
4	3.6	3.2
5	4.5	4.0
6	5.4	4.8
7	6.3	5.6
8	7.2	6.4
9	8.1	7.2

	7	6
1	0.7	0.6
2	1.4	1.2
3	2.1	1.8
4	2.8	2.4
5	3.5	3.0
6	4.2	3.6
7	4.9	4.2
8	5.6	4.8
9	6.3	5.4

48°.950 — 48°.900

41°.100 — 41°.150

41°	sin	d	tang	d	cotg	cos	d		P.P.
.100	9.817 813		9.940 694		0.059 306	9.877 120		**.900**	
		9		15			7		
101	9.817 822		9.940 709		0.059 291	9.877 113		899	
		9		15			6		
102	9.817 831		9.940 724		0.059 276	9.877 107		898	
		8		15			7		
103	9.817 839		9.940 739		0.059 261	9.877 100		897	
		9		16			7		
104	9.817 848		9.940 755		0.059 245	9.877 093		896	
		9		15			6		
105	9.817 857		9.940 770		0.059 230	9.877 087		895	
		8		15			7		
106	9.817 865		9.940 785		0.059 215	9.877 080		894	
		9		16			6		
107	9.817 874		9.940 801		0.059 199	9.877 074		893	
		9		15			7		
108	9.817 883		9.940 816		0.059 184	9.877 067		892	
		9		15			7		
109	9.817 892		9.940 831		0.059 169	9.877 060		891	
		8		16			6		
.110	9.817 900		9.940 847		0.059 153	9.877 054		**.890**	
		9		15			7		
111	9.817 909		9.940 862		0.059 138	9.877 047		889	
		9		15			7		
112	9.817 918		9.940 877		0.059 123	9.877 040		888	
		8		15			6		
113	9.817 926		9.940 892		0.059 108	9.877 034		887	
		9		16			7		
114	9.817 935		9.940 908		0.059 092	9.877 027		886	
		9		15			6		
115	9.817 944		9.940 923		0.059 077	9.877 021		885	
		8		15			7		
116	9.817 952		9.940 938		0.059 062	9.877 014		884	
		9		16			7		
117	9.817 961		9.940 954		0.059 046	9.877 007		883	
		9		15			6		
118	9.817 970		9.940 969		0.059 031	9.877 001		882	
		8		15			7		
119	9.817 978		9.940 984		0.059 016	9.876 994		881	
		9		16			7		
.120	9.817 987		9.941 000		0.059 000	9.876 987		**.880**	
		9		15			6		
121	9.817 996		9.941 015		0.058 985	9.876 981		879	
		8		15			7		
122	9.818 004		9.941 030		0.058 970	9.876 974		878	
		9		15			6		
123	9.818 013		9.941 045		0.058 955	9.876 968		877	
		9		16			7		
124	9.818 022		9.941 061		0.058 939	9.876 961		876	
		8		15			7		
125	9.818 030		9.941 076		0.058 924	9.876 954		875	
		9		15			6		
126	9.818 039		9.941 091		0.058 909	9.876 948		874	
		9		16			7		
127	9.818 048		9.941 107		0.058 893	9.876 941		873	
		9		15			6		
128	9.818 057		9.941 122		0.058 878	9.876 935		872	
		8		15			7		
129	9.818 065		9.941 137		0.058 863	9.876 928		871	
		9		16			7		
.130	9.818 074		9.941 153		0.058 847	9.876 921		**.870**	
		9		15			6		
131	9.818 083		9.941 168		0.058 832	9.876 915		869	
		8		15			7		
132	9.818 091		9.941 183		0.058 817	9.876 908		868	
		9		15			7		
133	9.818 100		9.941 198		0.058 802	9.876 901		867	
		9		16			6		
134	9.818 109		9.941 214		0.058 786	9.876 895		866	
		8		15			7		
135	9.818 117		9.941 229		0.058 771	9.876 888		865	
		9		15			6		
136	9.818 126		9.941 244		0.058 756	9.876 882		864	
		9		16			7		
137	9.818 135		9.941 260		0.058 740	9.876 875		863	
		8		15			7		
138	9.818 143		9.941 275		0.058 725	9.876 868		862	
		9		15			6		
139	9.818 152		9.941 290		0.058 710	9.876 862		861	
		9		16			7		
.140	9.818 161		9.941 306		0.058 694	9.876 855		**.860**	
		8		15			7		
141	9.818 169		9.941 321		0.058 679	9.876 848		859	
		9		15			6		
142	9.818 178		9.941 336		0.058 664	9.876 842		858	
		9		15			7		
143	9.818 187		9.941 351		0.058 649	9.876 835		857	
		8		16			6		
144	9.818 195		9.941 367		0.058 633	9.876 829		856	
		9		15			7		
145	9.818 204		9.941 382		0.058 618	9.876 822		855	
		9		15			7		
146	9.818 213		9.941 397		0.058 603	9.876 815		854	
		8		16			6		
147	9.818 221		9.941 413		0.058 587	9.876 809		853	
		9		15			7		
148	9.818 230		9.941 428		0.058 572	9.876 802		852	
		9		15			6		
149	9.818 239		9.941 443		0.058 557	9.876 796		851	
		8		16			7		
.150	9.818 247		9.941 459		0.058 541	9.876 789		**.850**	
	cos	d	cotg	d	tang	sin	d	**48°**	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	9	8
1	0.9	0.8
2	1.8	1.6
3	2.7	2.4
4	3.6	3.2
5	4.5	4.0
6	5.4	4.8
7	6.3	5.6
8	7.2	6.4
9	8.1	7.2

	7	6
1	0.7	0.6
2	1.4	1.2
3	2.1	1.8
4	2.8	2.4
5	3.5	3.0
6	4.2	3.6
7	4.9	4.2
8	5.6	4.8
9	6.3	5.4

48°.900 — 48°.850

41°.150 — 41°.200

41°	sin	d	tang	d	cotg	cos	d		P.P.
.150	9.818 247	9	9.941 459	15	0.058 541	9.876 789	7	**.850**	
151	9.818 256	9	9.941 474	15	0.058 526	9.876 782	6	849	
152	9.818 265	8	9.941 489	15	0.058 511	9.876 776	7	848	
153	9.818 273	9	9.941 504	16	0.058 496	9.876 769	7	847	
154	9.818 282	9	9.941 520	15	0.058 480	9.876 762	6	846	
155	9.818 291	8	9.941 535	15	0.058 465	9.876 756	7	845	
156	9.818 299	9	9.941 550	16	0.058 450	9.876 749	6	844	
157	9.818 308	9	9.941 566	15	0.058 434	9.876 743	7	843	
158	9.818 317	8	9.941 581	15	0.058 419	9.876 736	7	842	
159	9.818 325	9	9.941 596	16	0.058 404	9.876 729	6	841	
.160	9.818 334	9	9.941 612	15	0.058 388	9.876 723	7	**.840**	
161	9.818 343	8	9.941 627	15	0.058 373	9.876 716	7	839	
162	9.818 351	9	9.941 642	15	0.058 358	9.876 709	6	838	
163	9.818 360	9	9.941 657	16	0.058 343	9.876 703	7	837	
164	9.818 369	8	9.941 673	15	0.058 327	9.876 696	7	836	
165	9.818 377	9	9.941 688	15	0.058 312	9.876 689	6	835	
166	9.818 386	9	9.941 703	16	0.058 297	9.876 683	7	834	
167	9.818 395	8	9.941 719	15	0.058 281	9.876 676	6	833	
168	9.818 403	9	9.941 734	15	0.058 266	9.876 670	7	832	
169	9.818 412	9	9.941 749	15	0.058 251	9.876 663	7	831	
.170	9.818 421	8	9.941 764	16	0.058 236	9.876 656	6	**.830**	
171	9.818 429	9	9.941 780	15	0.058 220	9.876 650	7	829	
172	9.818 438	9	9.941 795	15	0.058 205	9.876 643	7	828	
173	9.818 447	8	9.941 810	16	0.058 190	9.876 636	6	827	
174	9.818 455	9	9.941 826	15	0.058 174	9.876 630	7	826	
175	9.818 464	9	9.941 841	15	0.058 159	9.876 623	6	825	
176	9.818 473	8	9.941 856	16	0.058 144	9.876 617	7	824	
177	9.818 481	9	9.941 872	15	0.058 128	9.876 610	7	823	
178	9.818 490	9	9.941 887	15	0.058 113	9.876 603	6	822	
179	9.818 499	8	9.941 902	15	0.058 098	9.876 597	7	821	
.180	9.818 507	9	9.941 917	16	0.058 083	9.876 590	7	**.820**	
181	9.818 516	9	9.941 933	15	0.058 067	9.876 583	6	819	
182	9.818 525	8	9.941 948	15	0.058 052	9.876 577	7	818	
183	9.818 533	9	9.941 963	16	0.058 037	9.876 570	6	817	
184	9.818 542	9	9.941 979	15	0.058 021	9.876 564	7	816	
185	9.818 551	8	9.941 994	15	0.058 006	9.876 557	7	815	
186	9.818 559	9	9.942 009	15	0.057 991	9.876 550	6	814	
187	9.818 568	9	9.942 024	16	0.057 976	9.876 544	7	813	
188	9.818 577	8	9.942 040	15	0.057 960	9.876 537	7	812	
189	9.818 585	9	9.942 055	15	0.057 945	9.876 530	6	811	
.190	9.818 594	9	9.942 070	16	0.057 930	9.876 524	7	**.810**	
191	9.818 603	8	9.942 086	15	0.057 914	9.876 517	7	809	
192	9.818 611	9	9.942 101	15	0.057 899	9.876 510	6	808	
193	9.818 620	9	9.942 116	16	0.057 884	9.876 504	7	807	
194	9.818 629	8	9.942 132	15	0.057 868	9.876 497	6	806	
195	9.818 637	9	9.942 147	15	0.057 853	9.876 491	7	805	
196	9.818 646	9	9.942 162	15	0.057 838	9.876 484	7	804	
197	9.818 655	8	9.942 177	16	0.057 823	9.876 477	6	803	
198	9.818 663	9	9.942 193	15	0.057 807	9.876 471	7	802	
199	9.818 672	9	9.942 208	15	0.057 792	9.876 464	7	801	
.200	9.818 681		9.942 223		0.057 777	9.876 457		**.800**	
	cos	d	cotg	d	tang	sin	d	48°	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	9	8
1	0.9	0.8
2	1.8	1.6
3	2.7	2.4
4	3.6	3.2
5	4.5	4.0
6	5.4	4.8
7	6.3	5.6
8	7.2	6.4
9	8.1	7.2

	7	6
1	0.7	0.6
2	1.4	1.2
3	2.1	1.8
4	2.8	2.4
5	3.5	3.0
6	4.2	3.6
7	4.9	4.2
8	5.6	4.8
9	6.3	5.4

48°.850 — 48°.800

41°.200 — 41°.250

41°	sin	d	tang	d	cotg	cos	d		P.P.
.200	9.818 681	8	9.942 223	16	0.057 777	9.876 457	6	**.800**	
201	9.818 689	9	9.942 239	15	0.057 761	9.876 451	7	799	
202	9.818 698	9	9.942 254	15	0.057 746	9.876 444	7	798	
203	9.818 707	8	9.942 269	15	0.057 731	9.876 437	6	797	
204	9.818 715	9	9.942 284	16	0.057 716	9.876 431	7	796	
205	9.818 724	9	9.942 300	15	0.057 700	9.876 424	6	795	
206	9.818 733	8	9.942 315	15	0.057 685	9.876 418	7	794	
207	9.818 741	9	9.942 330	16	0.057 670	9.876 411	7	793	
208	9.818 750	9	9.942 346	15	0.057 654	9.876 404	6	792	
209	9.818 759	8	9.942 361	15	0.057 639	9.876 398	7	791	
.210	9.818 767	9	9.942 376	16	0.057 624	9.876 391	7	**.790**	
211	9.818 776	9	9.942 392	15	0.057 608	9.876 384	6	789	
212	9.818 785	8	9.942 407	15	0.057 593	9.876 378	7	788	
213	9.818 793	9	9.942 422	15	0.057 578	9.876 371	7	787	
214	9.818 802	9	9.942 437	16	0.057 563	9.876 364	6	786	
215	9.818 811	8	9.942 453	15	0.057 547	9.876 358	7	785	
216	9.818 819	9	9.942 468	15	0.057 532	9.876 351	6	784	
217	9.818 828	9	9.942 483	16	0.057 517	9.876 345	7	783	
218	9.818 837	8	9.942 499	15	0.057 501	9.876 338	7	782	
219	9.818 845	9	9.942 514	15	0.057 486	9.876 331	6	781	
.220	9.818 854	8	9.942 529	15	0.057 471	9.876 325	7	**.780**	
221	9.818 862	9	9.942 544	16	0.057 456	9.876 318	7	779	
222	9.818 871	9	9.942 560	15	0.057 440	9.876 311	6	778	
223	9.818 880	8	9.942 575	15	0.057 425	9.876 305	7	777	
224	9.818 888	9	9.942 590	16	0.057 410	9.876 298	7	776	
225	9.818 897	9	9.942 606	15	0.057 394	9.876 291	6	775	
226	9.818 906	8	9.942 621	15	0.057 379	9.876 285	7	774	
227	9.818 914	9	9.942 636	16	0.057 364	9.876 278	6	773	
228	9.818 923	9	9.942 652	15	0.057 348	9.876 272	7	772	
229	9.818 932	8	9.942 667	15	0.057 333	9.876 265	7	771	
.230	9.818 940	9	9.942 682	15	0.057 318	9.876 258	6	**.770**	
231	9.818 949	9	9.942 697	16	0.057 303	9.876 252	7	769	
232	9.818 958	8	9.942 713	15	0.057 287	9.876 245	7	768	
233	9.818 966	9	9.942 728	15	0.057 272	9.876 238	6	767	
234	9.818 975	9	9.942 743	16	0.057 257	9.876 232	7	766	
235	9.818 984	8	9.942 759	15	0.057 241	9.876 225	7	765	
236	9.818 992	9	9.942 774	15	0.057 226	9.876 218	6	764	
237	9.819 001	9	9.942 789	15	0.057 211	9.876 212	7	763	
238	9.819 010	8	9.942 804	16	0.057 196	9.876 205	7	762	
239	9.819 018	9	9.942 820	15	0.057 180	9.876 198	6	761	
.240	9.819 027	8	9.942 835	15	0.057 165	9.876 192	7	**.760**	
241	9.819 035	9	9.942 850	16	0.057 150	9.876 185	7	759	
242	9.819 044	9	9.942 866	15	0.057 134	9.876 178	6	758	
243	9.819 053	8	9.942 881	15	0.057 119	9.876 172	7	757	
244	9.819 061	9	9.942 896	15	0.057 104	9.876 165	6	756	
245	9.819 070	9	9.942 911	16	0.057 089	9.876 159	7	755	
246	9.819 079	8	9.942 927	15	0.057 073	9.876 152	7	754	
247	9.819 087	9	9.942 942	15	0.057 058	9.876 145	6	753	
248	9.819 096	9	9.942 957	16	0.057 043	9.876 139	7	752	
249	9.819 105	8	9.942 973	15	0.057 027	9.876 132	7	751	
.250	9.819 113		9.942 988		0.057 012	9.876 125		**.750**	
	cos	d	cotg	d	tang	sin	d	48°	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	9	8
1	0.9	0.8
2	1.8	1.6
3	2.7	2.4
4	3.6	3.2
5	4.5	4.0
6	5.4	4.8
7	6.3	5.6
8	7.2	6.4
9	8.1	7.2

	7	6
1	0.7	0.6
2	1.4	1.2
3	2.1	1.8
4	2.8	2.4
5	3.5	3.0
6	4.2	3.6
7	4.9	4.2
8	5.6	4.8
9	6.3	5.4

48°.800 — 48°.750

41°.250 — 41°.300

41°	sin	d	tang	d	cotg	cos	d		P.P.
.250	9.819 113		9.942 988		0.057 012	9.876 125		**.750**	
		9		15			6		
251	9.819 122		9.943 003		0.056 997	9.876 119		749	
252	9.819 131	9	9.943 019	16	0.056 981	9.876 112	7	748	
253	9.819 139	8	9.943 034	15	0.056 966	9.876 105	7	747	
		9		15			6		
254	9.819 148		9.943 049		0.056 951	9.876 099		746	
255	9.819 156	8	9.943 064	15	0.056 936	9.876 092	7	745	
256	9.819 165	9	9.943 080	16	0.056 920	9.876 085	7	744	
		9		15			6		
257	9.819 174		9.943 095		0.056 905	9.876 079		743	
258	9.819 182	8	9.943 110	15	0.056 890	9.876 072	7	742	
259	9.819 191	9	9.943 126	16	0.056 874	9.876 065	7	741	
		9		15			6		
.260	9.819 200		9.943 141		0.056 859	9.876 059		**.740**	
		8		15			7		
261	9.819 208		9.943 156		0.056 844	9.876 052		739	
262	9.819 217	9	9.943 171	15	0.056 829	9.876 046	6	738	
263	9.819 226	9	9.943 187	16	0.056 813	9.876 039	7	737	
		8		15			7		
264	9.819 234		9.943 202		0.056 798	9.876 032		736	
265	9.819 243	9	9.943 217	15	0.056 783	9.876 026	6	735	
266	9.819 252	9	9.943 233	16	0.056 767	9.876 019	7	734	
		8		15			7		
267	9.819 260		9.943 248		0.056 752	9.876 012		733	
268	9.819 269	9	9.943 263	15	0.056 737	9.876 006	6	732	
269	9.819 277	8	9.943 278	15	0.056 722	9.875 999	7	731	
		9		16			7		
.270	9.819 286		9.943 294		0.056 706	9.875 992		**.730**	
		9		15			6		
271	9.819 295		9.943 309		0.056 691	9.875 986		729	
272	9.819 303	8	9.943 324	15	0.056 676	9.875 979	7	728	
273	9.819 312	9	9.943 340	16	0.056 660	9.875 972	7	727	
		9		15			6		
274	9.819 321		9.943 355		0.056 645	9.875 966		726	
275	9.819 329	8	9.943 370	15	0.056 630	9.875 959	7	725	
276	9.819 338	9	9.943 385	15	0.056 615	9.875 952	7	724	
		9		16			6		
277	9.819 347		9.943 401		0.056 599	9.875 946		723	
278	9.819 355	8	9.943 416	15	0.056 584	9.875 939	7	722	
279	9.819 364	9	9.943 431	15	0.056 569	9.875 932	7	721	
		8		16			6		
.280	9.819 372		9.943 447		0.056 553	9.875 926		**.720**	
		9		15			7		
281	9.819 381		9.943 462		0.056 538	9.875 919		719	
282	9.819 390	9	9.943 477	15	0.056 523	9.875 912	7	718	
283	9.819 398	8	9.943 492	15	0.056 508	9.875 906	6	717	
		9		16			7		
284	9.819 407		9.943 508		0.056 492	9.875 899		716	
285	9.819 416	9	9.943 523	15	0.056 477	9.875 893	6	715	
286	9.819 424	8	9.943 538	15	0.056 462	9.875 886	7	714	
		9		16			7		
287	9.819 433		9.943 554		0.056 446	9.875 879		713	
288	9.819 441	8	9.943 569	15	0.056 431	9.875 873	6	712	
289	9.819 450	9	9.943 584	15	0.056 416	9.875 866	7	711	
		9		16			7		
.290	9.819 459		9.943 600		0.056 400	9.875 859		**.710**	
		8		15			6		
291	9.819 467		9.943 615		0.056 385	9.875 853		709	
292	9.819 476	9	9.943 630	15	0.056 370	9.875 846	7	708	
293	9.819 485	9	9.943 645	15	0.056 355	9.875 839	7	707	
		8		16			6		
294	9.819 493		9.943 661		0.056 339	9.875 833		706	
295	9.819 502	9	9.943 676	15	0.056 324	9.875 826	7	705	
296	9.819 511	9	9.943 691	15	0.056 309	9.875 819	7	704	
		8		16			6		
297	9.819 519		9.943 707		0.056 293	9.875 813		703	
298	9.819 528	9	9.943 722	15	0.056 278	9.875 806	7	702	
299	9.819 536	8	9.943 737	15	0.056 263	9.875 799	7	701	
		9		15			6		
.300	9.819 545		9.943 752		0.056 248	9.875 793		**.700**	
	cos	d	cotg	d	tang	sin	d	48°	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	9	8
1	0.9	0.8
2	1.8	1.6
3	2.7	2.4
4	3.6	3.2
5	4.5	4.0
6	5.4	4.8
7	6.3	5.6
8	7.2	6.4
9	8.1	7.2

	7	6
1	0.7	0.6
2	1.4	1.2
3	2.1	1.8
4	2.8	2.4
5	3.5	3.0
6	4.2	3.6
7	4.9	4.2
8	5.6	4.8
9	6.3	5.4

48°.750 — 48°.700

41°.300 — 41°.350

41°	sin	d	tang	d	cotg	cos	d		P.P.
.300	9.819 545	9	9.943 752	16	0.056 248	9.875 793	7	.700	
301	9.819 554	8	9.943 768	15	0.056 232	9.875 786	7	699	
302	9.819 562	9	9.943 783	15	0.056 217	9.875 779	6	698	
303	9.819 571	9	9.943 798	16	0.056 202	9.875 773	7	697	
304	9.819 580	8	9.943 814	15	0.056 186	9.875 766	7	696	
305	9.819 588	9	9.943 829	15	0.056 171	9.875 759	6	695	
306	9.819 597	8	9.943 844	15	0.056 156	9.875 753	7	694	
307	9.819 605	9	9.943 859	16	0.056 141	9.875 746	7	693	
308	9.819 614	9	9.943 875	15	0.056 125	9.875 739	6	692	
309	9.819 623	8	9.943 890	15	0.056 110	9.875 733	7	691	
.310	9.819 631	9	9.943 905	16	0.056 095	9.875 726	7	.690	
311	9.819 640	9	9.943 921	15	0.056 079	9.875 719	6	689	
312	9.819 649	8	9.943 936	15	0.056 064	9.875 713	7	688	
313	9.819 657	9	9.943 951	15	0.056 049	9.875 706	7	687	
314	9.819 666	8	9.943 966	16	0.056 034	9.875 699	6	686	
315	9.819 674	9	9.943 982	15	0.056 018	9.875 693	7	685	
316	9.819 683	9	9.943 997	15	0.056 003	9.875 686	7	684	
317	9.819 692	8	9.944 012	16	0.055 988	9.875 679	6	683	
318	9.819 700	9	9.944 028	15	0.055 972	9.875 673	7	682	
319	9.819 709	9	9.944 043	15	0.055 957	9.875 666	7	681	
.320	9.819 718	8	9.944 058	15	0.055 942	9.875 659	6	.680	
321	9.819 726	9	9.944 073	16	0.055 927	9.875 653	7	679	
322	9.819 735	8	9.944 089	15	0.055 911	9.875 646	7	678	
323	9.819 743	9	9.944 104	15	0.055 896	9.875 639	6	677	
324	9.819 752	9	9.944 119	16	0.055 881	9.875 633	7	676	
325	9.819 761	8	9.944 135	15	0.055 865	9.875 626	7	675	
326	9.819 769	9	9.944 150	15	0.055 850	9.875 619	6	674	
327	9.819 778	8	9.944 165	15	0.055 835	9.875 613	7	673	
328	9.819 786	9	9.944 180	16	0.055 820	9.875 606	7	672	
329	9.819 795	9	9.944 196	15	0.055 804	9.875 599	6	671	
.330	9.819 804	8	9.944 211	15	0.055 789	9.875 593	7	.670	
331	9.819 812	9	9.944 226	16	0.055 774	9.875 586	7	669	
332	9.819 821	9	9.944 242	15	0.055 758	9.875 579	6	668	
333	9.819 830	8	9.944 257	15	0.055 743	9.875 573	7	667	
334	9.819 838	9	9.944 272	15	0.055 728	9.875 566	7	666	
335	9.819 847	8	9.944 287	16	0.055 713	9.875 559	6	665	
336	9.819 855	9	9.944 303	15	0.055 697	9.875 553	7	664	
337	9.819 864	9	9.944 318	15	0.055 682	9.875 546	7	663	
338	9.819 873	8	9.944 333	16	0.055 667	9.875 539	6	662	
339	9.819 881	9	9.944 349	15	0.055 651	9.875 533	7	661	
.340	9.819 890	9	9.944 364	15	0.055 636	9.875 526	7	.660	
341	9.819 899	8	9.944 379	15	0.055 621	9.875 519	6	659	
342	9.819 907	9	9.944 394	16	0.055 606	9.875 513	7	658	
343	9.819 916	8	9.944 410	15	0.055 590	9.875 506	7	657	
344	9.819 924	9	9.944 425	15	0.055 575	9.875 499	6	656	
345	9.819 933	9	9.944 440	16	0.055 560	9.875 493	7	655	
346	9.819 942	8	9.944 456	15	0.055 544	9.875 486	7	654	
347	9.819 950	9	9.944 471	15	0.055 529	9.875 479	6	653	
348	9.819 959	8	9.944 486	15	0.055 514	9.875 473	7	652	
349	9.819 967	9	9.944 501	16	0.055 499	9.875 466	7	651	
.350	9.819 976		9.944 517		0.055 483	9.875 459		.650	
	cos	d	cotg	d	tang	sin	d	48°	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	9	8
1	0.9	0.8
2	1.8	1.6
3	2.7	2.4
4	3.6	3.2
5	4.5	4.0
6	5.4	4.8
7	6.3	5.6
8	7.2	6.4
9	8.1	7.2

	7	6
1	0.7	0.6
2	1.4	1.2
3	2.1	1.8
4	2.8	2.4
5	3.5	3.0
6	4.2	3.6
7	4.9	4.2
8	5.6	4.8
9	6.3	5.4

48°.700 — 48°.650

41°.350 — 41°.400

41°	sin	d	tang	d	cotg	cos	d		P.P.
.350	9.819 976		9.944 517		0.055 483	9.875 459		**.650**	
		9		15			6		
351	9.819 985		9.944 532		0.055 468	9.875 453		649	
		8		15			7		
352	9.819 993		9.944 547		0.055 453	9.875 446		648	
		9		15			7		
353	9.820 002		9.944 562		0.055 438	9.875 439		647	
		9		16			6		
354	9.820 011		9.944 578		0.055 422	9.875 433		646	
		8		15			7		
355	9.820 019		9.944 593		0.055 407	9.875 426		645	
		9		15			7		
356	9.820 028		9.944 608		0.055 392	9.875 419		644	
		8		16			6		
357	9.820 036		9.944 624		0.055 376	9.875 413		643	
		9		15			7		
358	9.820 045		9.944 639		0.055 361	9.875 406		642	
		9		15			7		
359	9.820 054		9.944 654		0.055 346	9.875 399		641	
		8		15			6		
.360	9.820 062		9.944 669		0.055 331	9.875 393		**.640**	
		9		16			7		
361	9.820 071		9.944 685		0.055 315	9.875 386		639	
		8		15			7		
362	9.820 079		9.944 700		0.055 300	9.875 379		638	
		9		15			6		
363	9.820 088		9.944 715		0.055 285	9.875 373		637	
		9		16			7		
364	9.820 097		9.944 731		0.055 269	9.875 366		636	
		8		15			7		
365	9.820 105		9.944 746		0.055 254	9.875 359		635	
		9		15			6		
366	9.820 114		9.944 761		0.055 239	9.875 353		634	
		8		15			7		
367	9.820 122		9.944 776		0.055 224	9.875 346		633	
		9		16			7		
368	9.820 131		9.944 792		0.055 208	9.875 339		632	
		9		15			6		
369	9.820 140		9.944 807		0.055 193	9.875 333		631	
		8		15			7		
.370	9.820 148		9.944 822		0.055 178	9.875 326		**.630**	
		9		16			7		
371	9.820 157		9.944 838		0.055 162	9.875 319		629	
		8		15			6		
372	9.820 165		9.944 853		0.055 147	9.875 313		628	
		9		15			7		
373	9.820 174		9.944 868		0.055 132	9.875 306		627	
		9		15			7		
374	9.820 183		9.944 883		0.055 117	9.875 299		626	
		8		16			6		
375	9.820 191		9.944 899		0.055 101	9.875 293		625	
		9		15			7		
376	9.820 200		9.944 914		0.055 086	9.875 286		624	
		8		15			7		
377	9.820 208		9.944 929		0.055 071	9.875 279		623	
		9		16			6		
378	9.820 217		9.944 945		0.055 055	9.875 273		622	
		9		15			7		
379	9.820 226		9.944 960		0.055 040	9.875 266		621	
		8		15			7		
.380	9.820 234		9.944 975		0.055 025	9.875 259		**.620**	
		9		15			6		
381	9.820 243		9.944 990		0.055 010	9.875 253		619	
		9		16			7		
382	9.820 252		9.945 006		0.054 994	9.875 246		618	
		8		15			7		
383	9.820 260		9.945 021		0.054 979	9.875 239		617	
		9		15			7		
384	9.820 269		9.945 036		0.054 964	9.875 232		616	
		8		16			6		
385	9.820 277		9.945 052		0.054 948	9.875 226		615	
		9		15			7		
386	9.820 286		9.945 067		0.054 933	9.875 219		614	
		9		15			7		
387	9.820 295		9.945 082		0.054 918	9.875 212		613	
		8		15			6		
388	9.820 303		9.945 097		0.054 903	9.875 206		612	
		9		16			7		
389	9.820 312		9.945 113		0.054 887	9.875 199		611	
		8		15			7		
.390	9.820 320		9.945 128		0.054 872	9.875 192		**.610**	
		9		15			6		
391	9.820 329		9.945 143		0.054 857	9.875 186		609	
		9		15			7		
392	9.820 338		9.945 158		0.054 842	9.875 179		608	
		8		16			7		
393	9.820 346		9.945 174		0.054 826	9.875 172		607	
		9		15			6		
394	9.820 355		9.945 189		0.054 811	9.875 166		606	
		8		15			7		
395	9.820 363		9.945 204		0.054 796	9.875 159		605	
		9		16			7		
396	9.820 372		9.945 220		0.054 780	9.875 152		604	
		9		15			6		
397	9.820 381		9.945 235		0.054 765	9.875 146		603	
		8		15			7		
398	9.820 389		9.945 250		0.054 750	9.875 139		602	
		9		15			7		
399	9.820 398		9.945 265		0.054 735	9.875 132		601	
		8		16			6		
.400	9.820 406		9.945 281		0.054 719	9.875 126		**.600**	
	cos	d	cotg	d	tang	sin	d	48°	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	9	8
1	0.9	0.8
2	1.8	1.6
3	2.7	2.4
4	3.6	3.2
5	4.5	4.0
6	5.4	4.8
7	6.3	5.6
8	7.2	6.4
9	8.1	7.2

	7	6
1	0.7	0.6
2	1.4	1.2
3	2.1	1.8
4	2.8	2.4
5	3.5	3.0
6	4.2	3.6
7	4.9	4.2
8	5.6	4.8
9	6.3	5.4

48°.650 — 48°.600

41°.400 — 41°.450

41°	sin	d	tang	d	cotg	cos	d		P.P.
.400	9.820 406	9	9.945 281	15	0.054 719	9.875 126	7	.600	
401	9.820 415	9	9.945 296	15	0.054 704	9.875 119	7	599	
402	9.820 424	8	9.945 311	16	0.054 689	9.875 112	6	598	
403	9.820 432	9	9.945 327	15	0.054 673	9.875 106	7	597	
404	9.820 441	8	9.945 342	15	0.054 658	9.875 099	7	596	
405	9.820 449	9	9.945 357	15	0.054 643	9.875 092	7	595	
406	9.820 458	8	9.945 372	16	0.054 628	9.875 085	6	594	
407	9.820 466	9	9.945 388	15	0.054 612	9.875 079	7	593	
408	9.820 475	9	9.945 403	15	0.054 597	9.875 072	7	592	
409	9.820 484	8	9.945 418	16	0.054 582	9.875 065	6	591	
.410	9.820 492	9	9.945 434	15	0.054 566	9.875 059	7	.590	
411	9.820 501	8	9.945 449	15	0.054 551	9.875 052	7	589	
412	9.820 509	9	9.945 464	15	0.054 536	9.875 045	6	588	
413	9.820 518	9	9.945 479	16	0.054 521	9.875 039	7	587	
414	9.820 527	8	9.945 495	15	0.054 505	9.875 032	7	586	
415	9.820 535	9	9.945 510	15	0.054 490	9.875 025	6	585	
416	9.820 544	8	9.945 525	15	0.054 475	9.875 019	7	584	
417	9.820 552	9	9.945 540	16	0.054 460	9.875 012	7	583	
418	9.820 561	9	9.945 556	15	0.054 444	9.875 005	6	582	
419	9.820 570	8	9.945 571	15	0.054 429	9.874 999	7	581	
.420	9.820 578	9	9.945 586	16	0.054 414	9.874 992	7	.580	
421	9.820 587	8	9.945 602	15	0.054 398	9.874 985	6	579	
422	9.820 595	9	9.945 617	15	0.054 383	9.874 979	7	578	
423	9.820 604	9	9.945 632	15	0.054 368	9.874 972	7	577	
424	9.820 613	8	9.945 647	16	0.054 353	9.874 965	7	576	
425	9.820 621	9	9.945 663	15	0.054 337	9.874 958	6	575	
426	9.820 630	8	9.945 678	15	0.054 322	9.874 952	7	574	
427	9.820 638	9	9.945 693	16	0.054 307	9.874 945	7	573	
428	9.820 647	9	9.945 709	15	0.054 291	9.874 938	6	572	
429	9.820 656	8	9.945 724	15	0.054 276	9.874 932	7	571	
.430	9.820 664	9	9.945 739	15	0.054 261	9.874 925	7	.570	
431	9.820 673	8	9.945 754	16	0.054 246	9.874 918	6	569	
432	9.820 681	9	9.945 770	15	0.054 230	9.874 912	7	568	
433	9.820 690	8	9.945 785	15	0.054 215	9.874 905	7	567	
434	9.820 698	9	9.945 800	16	0.054 200	9.874 898	6	566	
435	9.820 707	9	9.945 816	15	0.054 184	9.874 892	7	565	
436	9.820 716	8	9.945 831	15	0.054 169	9.874 885	7	564	
437	9.820 724	9	9.945 846	15	0.054 154	9.874 878	7	563	
438	9.820 733	8	9.945 861	16	0.054 139	9.874 871	6	562	
439	9.820 741	9	9.945 877	15	0.054 123	9.874 865	7	561	
.440	9.820 750	9	9.945 892	15	0.054 108	9.874 858	7	.560	
441	9.820 759	8	9.945 907	15	0.054 093	9.874 851	6	559	
442	9.820 767	9	9.945 922	16	0.054 078	9.874 845	7	558	
443	9.820 776	8	9.945 938	15	0.054 062	9.874 838	7	557	
444	9.820 784	9	9.945 953	15	0.054 047	9.874 831	6	556	
445	9.820 793	8	9.945 968	16	0.054 032	9.874 825	7	555	
446	9.820 801	9	9.945 984	15	0.054 016	9.874 818	7	554	
447	9.820 810	9	9.945 999	15	0.054 001	9.874 811	6	553	
448	9.820 819	8	9.946 014	15	0.053 986	9.874 805	7	552	
449	9.820 827	9	9.946 029	16	0.053 971	9.874 798	7	551	
.450	9.820 836		9.946 045		0.053 955	9.874 791		.550	
	cos	d	cotg	d	tang	sin	d	48°	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	9	8
1	0.9	0.8
2	1.8	1.6
3	2.7	2.4
4	3.6	3.2
5	4.5	4.0
6	5.4	4.8
7	6.3	5.6
8	7.2	6.4
9	8.1	7.2

	7	6
1	0.7	0.6
2	1.4	1.2
3	2.1	1.8
4	2.8	2.4
5	3.5	3.0
6	4.2	3.6
7	4.9	4.2
8	5.6	4.8
9	6.3	5.4

48°.600 — 48°.550

41°.450 — 41°.500

41°	sin	d	tang	d	cotg	cos	d		P.P.
.450	9.820 836	8	9.946 045	15	0.053 955	9.874 791	7	.550	
451	9.820 844	9	9.946 060	15	0.053 940	9.874 784	6	549	
452	9.820 853	9	9.946 075	15	0.053 925	9.874 778	7	548	
453	9.820 862	8	9.946 090	16	0.053 910	9.874 771	7	547	
454	9.820 870	9	9.946 106	15	0.053 894	9.874 764	6	546	
455	9.820 879	8	9.946 121	15	0.053 879	9.874 758	7	545	
456	9.820 887	9	9.946 136	16	0.053 864	9.874 751	7	544	
457	9.820 896	8	9.946 152	15	0.053 848	9.874 744	6	543	
458	9.820 904	9	9.946 167	15	0.053 833	9.874 738	7	542	
459	9.820 913	9	9.946 182	15	0.053 818	9.874 731	7	541	
.460	9.820 922	8	9.946 197	16	0.053 803	9.874 724	6	.540	
461	9.820 930	9	9.946 213	15	0.053 787	9.874 718	7	539	
462	9.820 939	8	9.946 228	15	0.053 772	9.874 711	7	538	
463	9.820 947	9	9.946 243	16	0.053 757	9.874 704	7	537	
464	9.820 956	9	9.946 259	15	0.053 741	9.874 697	6	536	
465	9.820 965	8	9.946 274	15	0.053 726	9.874 691	7	535	
466	9.820 973	9	9.946 289	15	0.053 711	9.874 684	7	534	
467	9.820 982	8	9.946 304	16	0.053 696	9.874 677	6	533	
468	9.820 990	9	9.946 320	15	0.053 680	9.874 671	7	532	
469	9.820 999	8	9.946 335	15	0.053 665	9.874 664	7	531	
.470	9.821 007	9	9.946 350	15	0.053 650	9.874 657	6	.530	
471	9.821 016	9	9.946 365	16	0.053 635	9.874 651	7	529	
472	9.821 025	8	9.946 381	15	0.053 619	9.874 644	7	528	
473	9.821 033	9	9.946 396	15	0.053 604	9.874 637	7	527	
474	9.821 042	8	9.946 411	16	0.053 589	9.874 630	6	526	
475	9.821 050	9	9.946 427	15	0.053 573	9.874 624	7	525	
476	9.821 059	8	9.946 442	15	0.053 558	9.874 617	7	524	
477	9.821 067	9	9.946 457	15	0.053 543	9.874 610	6	523	
478	9.821 076	9	9.946 472	16	0.053 528	9.874 604	7	522	
479	9.821 085	8	9.946 488	15	0.053 512	9.874 597	7	521	
.480	9.821 093	9	9.946 503	15	0.053 497	9.874 590	6	.520	
481	9.821 102	8	9.946 518	15	0.053 482	9.874 584	7	519	
482	9.821 110	9	9.946 533	16	0.053 467	9.874 577	7	518	
483	9.821 119	8	9.946 549	15	0.053 451	9.874 570	7	517	
484	9.821 127	9	9.946 564	15	0.053 436	9.874 563	6	516	
485	9.821 136	9	9.946 579	16	0.053 421	9.874 557	7	515	
486	9.821 145	8	9.946 595	15	0.053 405	9.874 550	7	514	
487	9.821 153	9	9.946 610	15	0.053 390	9.874 543	6	513	
488	9.821 162	8	9.946 625	15	0.053 375	9.874 537	7	512	
489	9.821 170	9	9.946 640	16	0.053 360	9.874 530	7	511	
.490	9.821 179	8	9.946 656	15	0.053 344	9.874 523	7	.510	
491	9.821 187	9	9.946 671	15	0.053 329	9.874 516	6	509	
492	9.821 196	9	9.946 686	16	0.053 314	9.874 510	7	508	
493	9.821 205	8	9.946 702	15	0.053 298	9.874 503	7	507	
494	9.821 213	9	9.946 717	15	0.053 283	9.874 496	6	506	
495	9.821 222	8	9.946 732	15	0.053 268	9.874 490	7	505	
496	9.821 230	9	9.946 747	16	0.053 253	9.874 483	7	504	
497	9.821 239	8	9.946 763	15	0.053 237	9.874 476	6	503	
498	9.821 247	9	9.946 778	15	0.053 222	9.874 470	7	502	
499	9.821 256	9	9.946 793	15	0.053 207	9.874 463	7	501	
.500	9.821 265		9.946 808		0.053 192	9.874 456		.500	
	cos	d	cotg	d	tang	sin	d	48°	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
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7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	9	8
1	0.9	0.8
2	1.8	1.6
3	2.7	2.4
4	3.6	3.2
5	4.5	4.0
6	5.4	4.8
7	6.3	5.6
8	7.2	6.4
9	8.1	7.2

	7	6
1	0.7	0.6
2	1.4	1.2
3	2.1	1.8
4	2.8	2.4
5	3.5	3.0
6	4.2	3.6
7	4.9	4.2
8	5.6	4.8
9	6.3	5.4

48°.550 — 48°.500

41°.500 — 41°.550

41°	sin	d	tang	d	cotg	cos	d		P.P.
.500	9.821 265	8	9.946 808	16	0.053 192	9.874 456	7	.500	
501	9.821 273	9	9.946 824	15	0.053 176	9.874 449	6	499	
502	9.821 282	8	9.946 839	15	0.053 161	9.874 443	7	498	
503	9.821 290	9	9.946 854	16	0.053 146	9.874 436	7	497	
504	9.821 299	8	9.946 870	15	0.053 130	9.874 429	6	496	
505	9.821 307	9	9.946 885	15	0.053 115	9.874 423	7	495	
506	9.821 316	9	9.946 900	15	0.053 100	9.874 416	7	494	
507	9.821 325	8	9.946 915	16	0.053 085	9.874 409	7	493	
508	9.821 333	9	9.946 931	15	0.053 069	9.874 402	6	492	
509	9.821 342	8	9.946 946	15	0.053 054	9.874 396	7	491	
.510	9.821 350	9	9.946 961	15	0.053 039	9.874 389	7	.490	
511	9.821 359	8	9.946 976	16	0.053 024	9.874 382	6	489	
512	9.821 367	9	9.946 992	15	0.053 008	9.874 376	7	488	
513	9.821 376	8	9.947 007	15	0.052 993	9.874 369	7	487	
514	9.821 384	9	9.947 022	16	0.052 978	9.874 362	6	486	
515	9.821 393	9	9.947 038	15	0.052 962	9.874 356	7	485	
516	9.821 402	8	9.947 053	15	0.052 947	9.874 349	7	484	
517	9.821 410	9	9.947 068	15	0.052 932	9.874 342	7	483	
518	9.821 419	8	9.947 083	16	0.052 917	9.874 335	6	482	
519	9.821 427	9	9.947 099	15	0.052 901	9.874 329	7	481	
.520	9.821 436	8	9.947 114	15	0.052 886	9.874 322	7	.480	
521	9.821 444	9	9.947 129	15	0.052 871	9.874 315	6	479	
522	9.821 453	9	9.947 144	16	0.052 856	9.874 309	7	478	
523	9.821 462	8	9.947 160	15	0.052 840	9.874 302	7	477	
524	9.821 470	9	9.947 175	15	0.052 825	9.874 295	7	476	
525	9.821 479	8	9.947 190	16	0.052 810	9.874 288	6	475	
526	9.821 487	9	9.947 206	15	0.052 794	9.874 282	7	474	
527	9.821 496	8	9.947 221	15	0.052 779	9.874 275	7	473	
528	9.821 504	9	9.947 236	15	0.052 764	9.874 268	6	472	
529	9.821 513	8	9.947 251	16	0.052 749	9.874 262	7	471	
.530	9.821 521	9	9.947 267	15	0.052 733	9.874 255	7	.470	
531	9.821 530	9	9.947 282	15	0.052 718	9.874 248	7	469	
532	9.821 539	8	9.947 297	15	0.052 703	9.874 241	6	468	
533	9.821 547	9	9.947 312	16	0.052 688	9.874 235	7	467	
534	9.821 556	8	9.947 328	15	0.052 672	9.874 228	7	466	
535	9.821 564	9	9.947 343	15	0.052 657	9.874 221	6	465	
536	9.821 573	8	9.947 358	16	0.052 642	9.874 215	7	464	
537	9.821 581	9	9.947 374	15	0.052 626	9.874 208	7	463	
538	9.821 590	8	9.947 389	15	0.052 611	9.874 201	7	462	
539	9.821 598	9	9.947 404	15	0.052 596	9.874 194	6	461	
.540	9.821 607	9	9.947 419	16	0.052 581	9.874 188	7	.460	
541	9.821 616	8	9.947 435	15	0.052 565	9.874 181	7	459	
542	9.821 624	9	9.947 450	15	0.052 550	9.874 174	6	458	
543	9.821 633	8	9.947 465	15	0.052 535	9.874 168	7	457	
544	9.821 641	9	9.947 480	16	0.052 520	9.874 161	7	456	
545	9.821 650	8	9.947 496	15	0.052 504	9.874 154	7	455	
546	9.821 658	9	9.947 511	15	0.052 489	9.874 147	6	454	
547	9.821 667	8	9.947 526	15	0.052 474	9.874 141	7	453	
548	9.821 675	9	9.947 541	16	0.052 459	9.874 134	7	452	
549	9.821 684	9	9.947 557	15	0.052 443	9.874 127	6	451	
.550	9.821 693		9.947 572		0.052 428	9.874 121		.450	
	cos	d	cotg	d	tang	sin	d	48°	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
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7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	9	8
1	0.9	0.8
2	1.8	1.6
3	2.7	2.4
4	3.6	3.2
5	4.5	4.0
6	5.4	4.8
7	6.3	5.6
8	7.2	6.4
9	8.1	7.2

	7	6
1	0.7	0.6
2	1.4	1.2
3	2.1	1.8
4	2.8	2.4
5	3.5	3.0
6	4.2	3.6
7	4.9	4.2
8	5.6	4.8
9	6.3	5.4

48°.500 — 48°.450

41°.550 — 41°.600

41°	sin	d	tang	d	cotg	cos	d		P.P.
.550	9.821 693	8	9.947 572	15	0.052 428	9.874 121	7	.450	
551	9.821 701	9	9.947 587	16	0.052 413	9.874 114	7	449	
552	9.821 710	8	9.947 603	15	0.052 397	9.874 107	7	448	
553	9.821 718	9	9.947 618	15	0.052 382	9.874 100	6	447	
554	9.821 727	8	9.947 633	15	0.052 367	9.874 094	7	446	
555	9.821 735	9	9.947 648	16	0.052 352	9.874 087	7	445	
556	9.821 744	8	9.947 664	15	0.052 336	9.874 080	6	444	
557	9.821 752	9	9.947 679	15	0.052 321	9.874 074	7	443	
558	9.821 761	9	9.947 694	15	0.052 306	9.874 067	7	442	
559	9.821 770	8	9.947 709	16	0.052 291	9.874 060	7	441	
.560	9.821 778	9	9.947 725	15	0.052 275	9.874 053	6	.440	
561	9.821 787	8	9.947 740	15	0.052 260	9.874 047	7	439	
562	9.821 795	9	9.947 755	16	0.052 245	9.874 040	7	438	
563	9.821 804	8	9.947 771	15	0.052 229	9.874 033	7	437	
564	9.821 812	9	9.947 786	15	0.052 214	9.874 026	6	436	
565	9.821 821	8	9.947 801	15	0.052 199	9.874 020	7	435	
566	9.821 829	9	9.947 816	16	0.052 184	9.874 013	7	434	
567	9.821 838	8	9.947 832	15	0.052 168	9.874 006	6	433	
568	9.821 846	9	9.947 847	15	0.052 153	9.874 000	7	432	
569	9.821 855	9	9.947 862	15	0.052 138	9.873 993	7	431	
.570	9.821 864	8	9.947 877	16	0.052 123	9.873 986	7	.430	
571	9.821 872	9	9.947 893	15	0.052 107	9.873 979	6	429	
572	9.821 881	8	9.947 908	15	0.052 092	9.873 973	7	428	
573	9.821 889	9	9.947 923	15	0.052 077	9.873 966	7	427	
574	9.821 898	8	9.947 938	16	0.052 062	9.873 959	6	426	
575	9.821 906	9	9.947 954	15	0.052 046	9.873 953	7	425	
576	9.821 915	8	9.947 969	15	0.052 031	9.873 946	7	424	
577	9.821 923	9	9.947 984	16	0.052 016	9.873 939	7	423	
578	9.821 932	8	9.948 000	15	0.052 000	9.873 932	6	422	
579	9.821 940	9	9.948 015	15	0.051 985	9.873 926	7	421	
.580	9.821 949	9	9.948 030	15	0.051 970	9.873 919	7	.420	
581	9.821 958	8	9.948 045	16	0.051 955	9.873 912	7	419	
582	9.821 966	9	9.948 061	15	0.051 939	9.873 905	6	418	
583	9.821 975	8	9.948 076	15	0.051 924	9.873 899	7	417	
584	9.821 983	9	9.948 091	15	0.051 909	9.873 892	7	416	
585	9.821 992	8	9.948 106	16	0.051 894	9.873 885	6	415	
586	9.822 000	9	9.948 122	15	0.051 878	9.873 879	7	414	
587	9.822 009	8	9.948 137	15	0.051 863	9.873 872	7	413	
588	9.822 017	9	9.948 152	16	0.051 848	9.873 865	7	412	
589	9.822 026	8	9.948 168	15	0.051 832	9.873 858	6	411	
.590	9.822 034	9	9.948 183	15	0.051 817	9.873 852	7	.410	
591	9.822 043	9	9.948 198	15	0.051 802	9.873 845	7	409	
592	9.822 052	8	9.948 213	16	0.051 787	9.873 838	7	408	
593	9.822 060	9	9.948 229	15	0.051 771	9.873 831	6	407	
594	9.822 069	8	9.948 244	15	0.051 756	9.873 825	7	406	
595	9.822 077	9	9.948 259	15	0.051 741	9.873 818	7	405	
596	9.822 086	8	9.948 274	16	0.051 726	9.873 811	6	404	
597	9.822 094	9	9.948 290	15	0.051 710	9.873 805	7	403	
598	9.822 103	8	9.948 305	15	0.051 695	9.873 798	7	402	
599	9.822 111	9	9.948 320	15	0.051 680	9.873 791	7	401	
.600	9.822 120		9.948 335		0.051 665	9.873 784		.400	
	cos	d	cotg	d	tang	sin	d	48°	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
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7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

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2	1.8	1.6
3	2.7	2.4
4	3.6	3.2
5	4.5	4.0
6	5.4	4.8
7	6.3	5.6
8	7.2	6.4
9	8.1	7.2

	7	6
1	0.7	0.6
2	1.4	1.2
3	2.1	1.8
4	2.8	2.4
5	3.5	3.0
6	4.2	3.6
7	4.9	4.2
8	5.6	4.8
9	6.3	5.4

48°.450 — 48°.400

41°.600 — 41°.650

41°	sin	d	tang	d	cotg	cos	d		P.P.
.600	9.822 120	8	9.948 335	16	0.051 665	9.873 784	6	**.400**	
601	9.822 128	9	9.948 351	15	0.051 649	9.873 778	7	399	
602	9.822 137	8	9.948 366	15	0.051 634	9.873 771	7	398	
603	9.822 145	9	9.948 381	16	0.051 619	9.873 764	7	397	
604	9.822 154	8	9.948 397	15	0.051 603	9.873 757	6	396	
605	9.822 162	9	9.948 412	15	0.051 588	9.873 751	7	395	
606	9.822 171	9	9.948 427	15	0.051 573	9.873 744	7	394	
607	9.822 180	8	9.948 442	16	0.051 558	9.873 737	6	393	
608	9.822 188	9	9.948 458	15	0.051 542	9.873 731	7	392	
609	9.822 197	8	9.948 473	15	0.051 527	9.873 724	7	391	
.610	9.822 205	9	9.948 488	15	0.051 512	9.873 717	7	**.390**	
611	9.822 214	8	9.948 503	16	0.051 497	9.873 710	6	389	
612	9.822 222	9	9.948 519	15	0.051 481	9.873 704	7	388	
613	9.822 231	8	9.948 534	15	0.051 466	9.873 697	7	387	
614	9.822 239	9	9.948 549	15	0.051 451	9.873 690	7	386	
615	9.822 248	8	9.948 564	16	0.051 436	9.873 683	6	385	
616	9.822 256	9	9.948 580	15	0.051 420	9.873 677	7	384	
617	9.822 265	8	9.948 595	15	0.051 405	9.873 670	7	383	
618	9.822 273	9	9.948 610	16	0.051 390	9.873 663	7	382	
619	9.822 282	9	9.948 626	15	0.051 374	9.873 656	6	381	
.620	9.822 291	8	9.948 641	15	0.051 359	9.873 650	7	**.380**	
621	9.822 299	9	9.948 656	15	0.051 344	9.873 643	7	379	
622	9.822 308	8	9.948 671	16	0.051 329	9.873 636	6	378	
623	9.822 316	9	9.948 687	15	0.051 313	9.873 630	7	377	
624	9.822 325	8	9.948 702	15	0.051 298	9.873 623	7	376	
625	9.822 333	9	9.948 717	15	0.051 283	9.873 616	7	375	
626	9.822 342	8	9.948 732	16	0.051 268	9.873 609	6	374	
627	9.822 350	9	9.948 748	15	0.051 252	9.873 603	7	373	
628	9.822 359	8	9.948 763	15	0.051 237	9.873 596	7	372	
629	9.822 367	9	9.948 778	15	0.051 222	9.873 589	7	371	
.630	9.822 376	8	9.948 793	16	0.051 207	9.873 582	6	**.370**	
631	9.822 384	9	9.948 809	15	0.051 191	9.873 576	7	369	
632	9.822 393	8	9.948 824	15	0.051 176	9.873 569	7	368	
633	9.822 401	9	9.948 839	16	0.051 161	9.873 562	7	367	
634	9.822 410	8	9.948 855	15	0.051 145	9.873 555	6	366	
635	9.822 418	9	9.948 870	15	0.051 130	9.873 549	7	365	
636	9.822 427	8	9.948 885	15	0.051 115	9.873 542	7	364	
637	9.822 435	9	9.948 900	16	0.051 100	9.873 535	7	363	
638	9.822 444	9	9.948 916	15	0.051 084	9.873 528	6	362	
639	9.822 453	8	9.948 931	15	0.051 069	9.873 522	7	361	
.640	9.822 461	9	9.948 946	15	0.051 054	9.873 515	7	**.360**	
641	9.822 470	8	9.948 961	16	0.051 039	9.873 508	7	359	
642	9.822 478	9	9.948 977	15	0.051 023	9.873 501	6	358	
643	9.822 487	8	9.948 992	15	0.051 008	9.873 495	7	357	
644	9.822 495	9	9.949 007	15	0.050 993	9.873 488	7	356	
645	9.822 504	8	9.949 022	16	0.050 978	9.873 481	6	355	
646	9.822 512	9	9.949 038	15	0.050 962	9.873 475	7	354	
647	9.822 521	8	9.949 053	15	0.050 947	9.873 468	7	353	
648	9.822 529	9	9.949 068	15	0.050 932	9.873 461	7	352	
649	9.822 538	8	9.949 083	16	0.050 917	9.873 454	6	351	
.650	9.822 546		9.949 099		0.050 901	9.873 448		**.350**	
	cos	d	cotg	d	tang	sin	d	48°	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	9	8
1	0.9	0.8
2	1.8	1.6
3	2.7	2.4
4	3.6	3.2
5	4.5	4.0
6	5.4	4.8
7	6.3	5.6
8	7.2	6.4
9	8.1	7.2

	7	6
1	0.7	0.6
2	1.4	1.2
3	2.1	1.8
4	2.8	2.4
5	3.5	3.0
6	4.2	3.6
7	4.9	4.2
8	5.6	4.8
9	6.3	5.4

48°.400 — 48°.350

41°.650 — 41°.700

41°	sin	d	tang	d	cotg	cos	d		P.P.
.650	9.822 546	9	9.949 099	15	0.050 901	9.873 448	7	**.350**	
651	9.822 555	8	9.949 114	15	0.050 886	9.873 441	7	349	
652	9.822 563	9	9.949 129	16	0.050 871	9.873 434	7	348	
653	9.822 572	8	9.949 145	15	0.050 855	9.873 427	6	347	
654	9.822 580	9	9.949 160	15	0.050 840	9.873 421	7	346	
655	9.822 589	8	9.949 175	15	0.050 825	9.873 414	7	345	
656	9.822 597	9	9.949 190	16	0.050 810	9.873 407	7	344	
657	9.822 606	8	9.949 206	15	0.050 794	9.873 400	6	343	
658	9.822 614	9	9.949 221	15	0.050 779	9.873 394	7	342	
659	9.822 623	9	9.949 236	15	0.050 764	9.873 387	7	341	
.660	9.822 632	8	9.949 251	16	0.050 749	9.873 380	7	**.340**	
661	9.822 640	9	9.949 267	15	0.050 733	9.873 373	6	339	
662	9.822 649	8	9.949 282	15	0.050 718	9.873 367	7	338	
663	9.822 657	9	9.949 297	15	0.050 703	9.873 360	7	337	
664	9.822 666	8	9.949 312	16	0.050 688	9.873 353	7	336	
665	9.822 674	9	9.949 328	15	0.050 672	9.873 346	6	335	
666	9.822 683	8	9.949 343	15	0.050 657	9.873 340	7	334	
667	9.822 691	9	9.949 358	15	0.050 642	9.873 333	7	333	
668	9.822 700	8	9.949 373	16	0.050 627	9.873 326	7	332	
669	9.822 708	9	9.949 389	15	0.050 611	9.873 319	6	331	
.670	9.822 717	8	9.949 404	15	0.050 596	9.873 313	7	**.330**	
671	9.822 725	9	9.949 419	16	0.050 581	9.873 306	7	329	
672	9.822 734	8	9.949 435	15	0.050 565	9.873 299	7	328	
673	9.822 742	9	9.949 450	15	0.050 550	9.873 292	6	327	
674	9.822 751	8	9.949 465	15	0.050 535	9.873 286	7	326	
675	9.822 759	9	9.949 480	16	0.050 520	9.873 279	7	325	
676	9.822 768	8	9.949 496	15	0.050 504	9.873 272	7	324	
677	9.822 776	9	9.949 511	15	0.050 489	9.873 265	6	323	
678	9.822 785	8	9.949 526	15	0.050 474	9.873 259	7	322	
679	9.822 793	9	9.949 541	16	0.050 459	9.873 252	7	321	
.680	9.822 802	8	9.949 557	15	0.050 443	9.873 245	7	**.320**	
681	9.822 810	9	9.949 572	15	0.050 428	9.873 238	6	319	
682	9.822 819	8	9.949 587	15	0.050 413	9.873 232	7	318	
683	9.822 827	9	9.949 602	16	0.050 398	9.873 225	7	317	
684	9.822 836	8	9.949 618	15	0.050 382	9.873 218	7	316	
685	9.822 844	9	9.949 633	15	0.050 367	9.873 211	6	315	
686	9.822 853	8	9.949 648	15	0.050 352	9.873 205	7	314	
687	9.822 861	9	9.949 663	16	0.050 337	9.873 198	7	313	
688	9.822 870	8	9.949 679	15	0.050 321	9.873 191	7	312	
689	9.822 878	9	9.949 694	15	0.050 306	9.873 184	6	311	
.690	9.822 887	8	9.949 709	16	0.050 291	9.873 178	7	**.310**	
691	9.822 895	9	9.949 725	15	0.050 275	9.873 171	7	309	
692	9.822 904	8	9.949 740	15	0.050 260	9.873 164	7	308	
693	9.822 912	9	9.949 755	15	0.050 245	9.873 157	6	307	
694	9.822 921	9	9.949 770	16	0.050 230	9.873 151	7	306	
695	9.822 930	8	9.949 786	15	0.050 214	9.873 144	7	305	
696	9.822 938	9	9.949 801	15	0.050 199	9.873 137	7	304	
697	9.822 947	8	9.949 816	15	0.050 184	9.873 130	6	303	
698	9.822 955	9	9.949 831	16	0.050 169	9.873 124	7	302	
699	9.822 964	8	9.949 847	15	0.050 153	9.873 117	7	301	
.700	9.822 972		9.949 862		0.050 138	9.873 110		**.300**	
	cos	d	cotg	d	tang	sin	d	48°	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	9	8
1	0.9	0.8
2	1.8	1.6
3	2.7	2.4
4	3.6	3.2
5	4.5	4.0
6	5.4	4.8
7	6.3	5.6
8	7.2	6.4
9	8.1	7.2

	7	6
1	0.7	0.6
2	1.4	1.2
3	2.1	1.8
4	2.8	2.4
5	3.5	3.0
6	4.2	3.6
7	4.9	4.2
8	5.6	4.8
9	6.3	5.4

48°.350 — 48°.300

41°.700 — 41°.750

41°	sin	d	tang	d	cotg	cos	d		P.P.
.700	9.822 972		9.949 862		0.050 138	9.873 110		.300	
701	9.822 981	9	9.949 877	15	0.050 123	9.873 103	7	299	
702	9.822 989	8	9.949 892	15	0.050 108	9.873 097	6	298	
703	9.822 998	9	9.949 908	16	0.050 092	9.873 090	7	297	
704	9.823 006	8	9.949 923	15	0.050 077	9.873 083	7	296	
705	9.823 015	9	9.949 938	15	0.050 062	9.873 076	7	295	
706	9.823 023	8	9.949 953	15	0.050 047	9.873 070	6	294	
707	9.823 032	9	9.949 969	16	0.050 031	9.873 063	7	293	
708	9.823 040	8	9.949 984	15	0.050 016	9.873 056	7	292	
709	9.823 049	9	9.949 999	15	0.050 001	9.873 049	7	291	
.710	9.823 057	8	9.950 014	15	0.049 986	9.873 043	6	.290	
711	9.823 066	9	9.950 030	16	0.049 970	9.873 036	7	289	
712	9.823 074	8	9.950 045	15	0.049 955	9.873 029	7	288	
713	9.823 083	9	9.950 060	15	0.049 940	9.873 022	7	287	
714	9.823 091	8	9.950 076	16	0.049 924	9.873 016	6	286	
715	9.823 100	9	9.950 091	15	0.049 909	9.873 009	7	285	
716	9.823 108	8	9.950 106	15	0.049 894	9.873 002	7	284	
717	9.823 117	9	9.950 121	15	0.049 879	9.872 995	7	283	
718	9.823 125	8	9.950 137	16	0.049 863	9.872 989	6	282	
719	9.823 134	9	9.950 152	15	0.049 848	9.872 982	7	281	
.720	9.823 142	8	9.950 167	15	0.049 833	9.872 975	7	.280	
721	9.823 151	9	9.950 182	15	0.049 818	9.872 968	7	279	
722	9.823 159	8	9.950 198	16	0.049 802	9.872 962	6	278	
723	9.823 168	9	9.950 213	15	0.049 787	9.872 955	7	277	
724	9.823 176	8	9.950 228	15	0.049 772	9.872 948	7	276	
725	9.823 185	9	9.950 243	15	0.049 757	9.872 941	7	275	
726	9.823 193	8	9.950 259	16	0.049 741	9.872 935	6	274	
727	9.823 202	9	9.950 274	15	0.049 726	9.872 928	7	273	
728	9.823 210	8	9.950 289	15	0.049 711	9.872 921	7	272	
729	9.823 219	9	9.950 304	15	0.049 696	9.872 914	7	271	
.730	9.823 227	8	9.950 320	16	0.049 680	9.872 907	7	.270	
731	9.823 236	9	9.950 335	15	0.049 665	9.872 901	6	269	
732	9.823 244	8	9.950 350	15	0.049 650	9.872 894	7	268	
733	9.823 253	9	9.950 365	15	0.049 635	9.872 887	7	267	
734	9.823 261	8	9.950 381	16	0.049 619	9.872 880	7	266	
735	9.823 270	9	9.950 396	15	0.049 604	9.872 874	6	265	
736	9.823 278	8	9.950 411	15	0.049 589	9.872 867	7	264	
737	9.823 287	9	9.950 426	15	0.049 574	9.872 860	7	263	
738	9.823 295	8	9.950 442	16	0.049 558	9.872 853	7	262	
739	9.823 304	9	9.950 457	15	0.049 543	9.872 847	6	261	
.740	9.823 312	8	9.950 472	15	0.049 528	9.872 840	7	.260	
741	9.823 321	9	9.950 488	16	0.049 512	9.872 833	7	259	
742	9.823 329	8	9.950 503	15	0.049 497	9.872 826	7	258	
743	9.823 338	9	9.950 518	15	0.049 482	9.872 820	6	257	
744	9.823 346	8	9.950 533	15	0.049 467	9.872 813	7	256	
745	9.823 355	9	9.950 549	16	0.049 451	9.872 806	7	255	
746	9.823 363	8	9.950 564	15	0.049 436	9.872 799	7	254	
747	9.823 372	9	9.950 579	15	0.049 421	9.872 793	6	253	
748	9.823 380	8	9.950 594	15	0.049 406	9.872 786	7	252	
749	9.823 389	9	9.950 610	16	0.049 390	9.872 779	7	251	
.750	9.823 397	8	9.950 625	15	0.049 375	9.872 772	7	.250	
	cos	d	cotg	d	tang	sin	d	48°	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	9	8
1	0.9	0.8
2	1.8	1.6
3	2.7	2.4
4	3.6	3.2
5	4.5	4.0
6	5.4	4.8
7	6.3	5.6
8	7.2	6.4
9	8.1	7.2

	7	6
1	0.7	0.6
2	1.4	1.2
3	2.1	1.8
4	2.8	2.4
5	3.5	3.0
6	4.2	3.6
7	4.9	4.2
8	5.6	4.8
9	6.3	5.4

48°.300 — 48°.250

41°.750 — 41°.800

41°	sin	d	tang	d	cotg	cos	d		P.P.
.750	9.823 397		9.950 625		0.049 375	9.872 772		**.250**	
751	9.823 406	9	9.950 640	15	0.049 360	9.872 765	7	249	
752	9.823 414	8	9.950 655	15	0.049 345	9.872 759	6	248	
753	9.823 423	9	9.950 671	16	0.049 329	9.872 752	7	247	
754	9.823 431	8	9.950 686	15	0.049 314	9.872 745	7	246	
755	9.823 440	9	9.950 701	15	0.049 299	9.872 738	7	245	
756	9.823 448	8	9.950 716	15	0.049 284	9.872 732	6	244	
757	9.823 456	8	9.950 732	16	0.049 268	9.872 725	7	243	
758	9.823 465	9	9.950 747	15	0.049 253	9.872 718	7	242	
759	9.823 473	8	9.950 762	15	0.049 238	9.872 711	7	241	
.760	9.823 482	9	9.950 777	15	0.049 223	9.872 705	6	**.240**	
761	9.823 490	8	9.950 793	16	0.049 207	9.872 698	7	239	
762	9.823 499	9	9.950 808	15	0.049 192	9.872 691	7	238	
763	9.823 507	8	9.950 823	15	0.049 177	9.872 684	7	237	
764	9.823 516	9	9.950 838	15	0.049 162	9.872 677	7	236	
765	9.823 524	8	9.950 854	16	0.049 146	9.872 671	6	235	
766	9.823 533	9	9.950 869	15	0.049 131	9.872 664	7	234	
767	9.823 541	8	9.950 884	15	0.049 116	9.872 657	7	233	
768	9.823 550	9	9.950 899	15	0.049 101	9.872 650	7	232	
769	9.823 558	8	9.950 915	16	0.049 085	9.872 644	6	231	
.770	9.823 567	9	9.950 930	15	0.049 070	9.872 637	7	**.230**	
771	9.823 575	8	9.950 945	15	0.049 055	9.872 630	7	229	
772	9.823 584	9	9.950 960	15	0.049 040	9.872 623	7	228	
773	9.823 592	8	9.950 976	16	0.049 024	9.872 617	6	227	
774	9.823 601	9	9.950 991	15	0.049 009	9.872 610	7	226	
775	9.823 609	8	9.951 006	15	0.048 994	9.872 603	7	225	
776	9.823 618	9	9.951 022	16	0.048 978	9.872 596	7	224	
777	9.823 626	8	9.951 037	15	0.048 963	9.872 589	7	223	
778	9.823 635	9	9.951 052	15	0.048 948	9.872 583	6	222	
779	9.823 643	8	9.951 067	15	0.048 933	9.872 576	7	221	
.780	9.823 652	9	9.951 083	16	0.048 917	9.872 569	7	**.220**	
781	9.823 660	8	9.951 098	15	0.048 902	9.872 562	7	219	
782	9.823 669	9	9.951 113	15	0.048 887	9.872 556	6	218	
783	9.823 677	8	9.951 128	15	0.048 872	9.872 549	7	217	
784	9.823 686	9	9.951 144	16	0.048 856	9.872 542	7	216	
785	9.823 694	8	9.951 159	15	0.048 841	9.872 535	7	215	
786	9.823 703	9	9.951 174	15	0.048 826	9.872 529	6	214	
787	9.823 711	8	9.951 189	15	0.048 811	9.872 522	7	213	
788	9.823 720	9	9.951 205	16	0.048 795	9.872 515	7	212	
789	9.823 728	8	9.951 220	15	0.048 780	9.872 508	7	211	
.790	9.823 737	9	9.951 235	15	0.048 765	9.872 501	7	**.210**	
791	9.823 745	8	9.951 250	15	0.048 750	9.872 495	6	209	
792	9.823 753	8	9.951 266	16	0.048 734	9.872 488	7	208	
793	9.823 762	9	9.951 281	15	0.048 719	9.872 481	7	207	
794	9.823 770	8	9.951 296	15	0.048 704	9.872 474	7	206	
795	9.823 779	9	9.951 311	15	0.048 689	9.872 468	6	205	
796	9.823 787	8	9.951 327	16	0.048 673	9.872 461	7	204	
797	9.823 796	9	9.951 342	15	0.048 658	9.872 454	7	203	
798	9.823 804	8	9.951 357	15	0.048 643	9.872 447	7	202	
799	9.823 813	9	9.951 372	15	0.048 628	9.872 440	7	201	
.800	9.823 821	8	9.951 388	16	0.048 612	9.872 434	6	**.200**	
	cos	d	cotg	d	tang	sin	d	48°	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	9	8
1	0.9	0.8
2	1.8	1.6
3	2.7	2.4
4	3.6	3.2
5	4.5	4.0
6	5.4	4.8
7	6.3	5.6
8	7.2	6.4
9	8.1	7.2

	7	6
1	0.7	0.6
2	1.4	1.2
3	2.1	1.8
4	2.8	2.4
5	3.5	3.0
6	4.2	3.6
7	4.9	4.2
8	5.6	4.8
9	6.3	5.4

48°.250 — 48°.200

41°.800 — 41°.850

41°	sin	d	tang	d	cotg	cos	d		P.P.
.800	9.823 821	9	9.951 388	15	0.048 612	9.872 434	7	**.200**	
801	9.823 830	8	9.951 403	15	0.048 597	9.872 427	7	199	
802	9.823 838	9	9.951 418	15	0.048 582	9.872 420	7	198	
803	9.823 847	8	9.951 433	16	0.048 567	9.872 413	6	197	
804	9.823 855	9	9.951 449	15	0.048 551	9.872 407	7	196	
805	9.823 864	8	9.951 464	15	0.048 536	9.872 400	7	195	
806	9.823 872	9	9.951 479	15	0.048 521	9.872 393	7	194	
807	9.823 881	8	9.951 494	16	0.048 506	9.872 386	7	193	
808	9.823 889	9	9.951 510	15	0.048 490	9.872 379	6	192	
809	9.823 898	8	9.951 525	15	0.048 475	9.872 373	7	191	
.810	9.823 906	9	9.951 540	15	0.048 460	9.872 366	7	**.190**	
811	9.823 915	8	9.951 555	16	0.048 445	9.872 359	7	189	
812	9.823 923	8	9.951 571	15	0.048 429	9.872 352	6	188	
813	9.823 931	9	9.951 586	15	0.048 414	9.872 346	7	187	
814	9.823 940	8	9.951 601	15	0.048 399	9.872 339	7	186	
815	9.823 948	9	9.951 616	16	0.048 384	9.872 332	7	185	
816	9.823 957	8	9.951 632	15	0.048 368	9.872 325	7	184	
817	9.823 965	9	9.951 647	15	0.048 353	9.872 318	6	183	
818	9.823 974	8	9.951 662	15	0.048 338	9.872 312	7	182	
819	9.823 982	9	9.951 677	16	0.048 323	9.872 305	7	181	
.820	9.823 991	8	9.951 693	15	0.048 307	9.872 298	7	**.180**	
821	9.823 999	9	9.951 708	15	0.048 292	9.872 291	6	179	
822	9.824 008	8	9.951 723	15	0.048 277	9.872 285	7	178	
823	9.824 016	9	9.951 738	16	0.048 262	9.872 278	7	177	
824	9.824 025	8	9.951 754	15	0.048 246	9.872 271	7	176	
825	9.824 033	9	9.951 769	15	0.048 231	9.872 264	7	175	
826	9.824 042	8	9.951 784	16	0.048 216	9.872 257	6	174	
827	9.824 050	9	9.951 800	15	0.048 200	9.872 251	7	173	
828	9.824 059	8	9.951 815	15	0.048 185	9.872 244	7	172	
829	9.824 067	9	9.951 830	15	0.048 170	9.872 237	7	171	
.830	9.824 076	8	9.951 845	16	0.048 155	9.872 230	7	**.170**	
831	9.824 084	8	9.951 861	15	0.048 139	9.872 223	6	169	
832	9.824 092	9	9.951 876	15	0.048 124	9.872 217	7	168	
833	9.824 101	8	9.951 891	15	0.048 109	9.872 210	7	167	
834	9.824 109	9	9.951 906	16	0.048 094	9.872 203	7	166	
835	9.824 118	8	9.951 922	15	0.048 078	9.872 196	6	165	
836	9.824 126	9	9.951 937	15	0.048 063	9.872 190	7	164	
837	9.824 135	8	9.951 952	15	0.048 048	9.872 183	7	163	
838	9.824 143	9	9.951 967	16	0.048 033	9.872 176	7	162	
839	9.824 152	8	9.951 983	15	0.048 017	9.872 169	7	161	
.840	9.824 160	9	9.951 998	15	0.048 002	9.872 162	6	**.160**	
841	9.824 169	8	9.952 013	15	0.047 987	9.872 156	7	159	
842	9.824 177	9	9.952 028	16	0.047 972	9.872 149	7	158	
843	9.824 186	8	9.952 044	15	0.047 956	9.872 142	7	157	
844	9.824 194	9	9.952 059	15	0.047 941	9.872 135	7	156	
845	9.824 203	8	9.952 074	15	0.047 926	9.872 128	6	155	
846	9.824 211	8	9.952 089	16	0.047 911	9.872 122	7	154	
847	9.824 219	9	9.952 105	15	0.047 895	9.872 115	7	153	
848	9.824 228	8	9.952 120	15	0.047 880	9.872 108	7	152	
849	9.824 236	9	9.952 135	15	0.047 865	9.872 101	6	151	
.850	9.824 245		9.952 150		0.047 850	9.872 095		**.150**	
	cos	d	cotg	d	tang	sin	d	48°	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	9	8
1	0.9	0.8
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6	5.4	4.8
7	6.3	5.6
8	7.2	6.4
9	8.1	7.2

	7	6
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2	1.4	1.2
3	2.1	1.8
4	2.8	2.4
5	3.5	3.0
6	4.2	3.6
7	4.9	4.2
8	5.6	4.8
9	6.3	5.4

48°.200 — 48°.150

41°.850 — 41°.900

41°	sin	d	tang	d	cotg	cos	d		P.P.
.850	9.824 245	8	9.952 150	16	0.047 850	9.872 095	7	**.150**	
851	9.824 253	9	9.952 166	15	0.047 834	9.872 088	7	149	
852	9.824 262	8	9.952 181	15	0.047 819	9.872 081	7	148	
853	9.824 270	9	9.952 196	15	0.047 804	9.872 074	7	147	
854	9.824 279	8	9.952 211	16	0.047 789	9.872 067	6	146	
855	9.824 287	9	9.952 227	15	0.047 773	9.872 061	7	145	
856	9.824 296	8	9.952 242	15	0.047 758	9.872 054	7	144	
857	9.824 304	9	9.952 257	15	0.047 743	9.872 047	7	143	
858	9.824 313	8	9.952 272	16	0.047 728	9.872 040	7	142	
859	9.824 321	8	9.952 288	15	0.047 712	9.872 033	6	141	
.860	9.824 329	9	9.952 303	15	0.047 697	9.872 027	7	**.140**	
861	9.824 338	8	9.952 318	15	0.047 682	9.872 020	7	139	
862	9.824 346	9	9.952 333	16	0.047 667	9.872 013	7	138	
863	9.824 355	8	9.952 349	15	0.047 651	9.872 006	7	137	
864	9.824 363	9	9.952 364	15	0.047 636	9.871 999	6	136	
865	9.824 372	8	9.952 379	15	0.047 621	9.871 993	7	135	
866	9.824 380	9	9.952 394	16	0.047 606	9.871 986	7	134	
867	9.824 389	8	9.952 410	15	0.047 590	9.871 979	7	133	
868	9.824 397	9	9.952 425	15	0.047 575	9.871 972	7	132	
869	9.824 406	8	9.952 440	15	0.047 560	9.871 965	6	131	
.870	9.824 414	8	9.952 455	16	0.047 545	9.871 959	7	**.130**	
871	9.824 422	9	9.952 471	15	0.047 529	9.871 952	7	129	
872	9.824 431	8	9.952 486	15	0.047 514	9.871 945	7	128	
873	9.824 439	9	9.952 501	15	0.047 499	9.871 938	6	127	
874	9.824 448	8	9.952 516	16	0.047 484	9.871 932	7	126	
875	9.824 456	9	9.952 532	15	0.047 468	9.871 925	7	125	
876	9.824 465	8	9.952 547	15	0.047 453	9.871 918	7	124	
877	9.824 473	9	9.952 562	15	0.047 438	9.871 911	7	123	
878	9.824 482	8	9.952 577	16	0.047 423	9.871 904	6	122	
879	9.824 490	9	9.952 593	15	0.047 407	9.871 898	7	121	
.880	9.824 499	8	9.952 608	15	0.047 392	9.871 891	7	**.120**	
881	9.824 507	8	9.952 623	15	0.047 377	9.871 884	7	119	
882	9.824 515	9	9.952 638	16	0.047 362	9.871 877	7	118	
883	9.824 524	8	9.952 654	15	0.047 346	9.871 870	6	117	
884	9.824 532	9	9.952 669	15	0.047 331	9.871 864	7	116	
885	9.824 541	8	9.952 684	15	0.047 316	9.871 857	7	115	
886	9.824 549	9	9.952 699	16	0.047 301	9.871 850	7	114	
887	9.824 558	8	9.952 715	15	0.047 285	9.871 843	7	113	
888	9.824 566	9	9.952 730	15	0.047 270	9.871 836	6	112	
889	9.824 575	8	9.952 745	15	0.047 255	9.871 830	7	111	
.890	9.824 583	9	9.952 760	16	0.047 240	9.871 823	7	**.110**	
891	9.824 592	8	9.952 776	15	0.047 224	9.871 816	7	109	
892	9.824 600	8	9.952 791	15	0.047 209	9.871 809	7	108	
893	9.824 608	9	9.952 806	15	0.047 194	9.871 802	6	107	
894	9.824 617	8	9.952 821	16	0.047 179	9.871 796	7	106	
895	9.824 625	9	9.952 837	15	0.047 163	9.871 789	7	105	
896	9.824 634	8	9.952 852	15	0.047 148	9.871 782	7	104	
897	9.824 642	9	9.952 867	15	0.047 133	9.871 775	7	103	
898	9.824 651	8	9.952 882	16	0.047 118	9.871 768	6	102	
899	9.824 659	9	9.952 898	15	0.047 102	9.871 762	7	101	
.900	9.824 668		9.952 913		0.047 087	9.871 755		**.100**	
	cos	d	cotg	d	tang	sin	d	48°	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	9	8
1	0.9	0.8
2	1.8	1.6
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6	5.4	4.8
7	6.3	5.6
8	7.2	6.4
9	8.1	7.2

	7	6
1	0.7	0.6
2	1.4	1.2
3	2.1	1.8
4	2.8	2.4
5	3.5	3.0
6	4.2	3.6
7	4.9	4.2
8	5.6	4.8
9	6.3	5.4

48°.150 — 48°.100

41°.900 — 41°.950

41°	sin	d	tang	d	cotg	cos	d		P.P.
.900	9.824 668	8	9.952 913	15	0.047 087	9.871 755	7	**.100**	
901	9.824 676	8	9.952 928	15	0.047 072	9.871 748	7	099	
902	9.824 684	9	9.952 943	16	0.047 057	9.871 741	7	098	
903	9.824 693	8	9.952 959	15	0.047 041	9.871 734	6	097	
904	9.824 701	9	9.952 974	15	0.047 026	9.871 728	7	096	
905	9.824 710	8	9.952 989	15	0.047 011	9.871 721	7	095	
906	9.824 718	9	9.953 004	16	0.046 996	9.871 714	7	094	
907	9.824 727	8	9.953 020	15	0.046 980	9.871 707	7	093	
908	9.824 735	9	9.953 035	15	0.046 965	9.871 700	6	092	
909	9.824 744	8	9.953 050	15	0.046 950	9.871 694	7	091	
.910	9.824 752	8	9.953 065	16	0.046 935	9.871 687	7	**.090**	
911	9.824 760	9	9.953 081	15	0.046 919	9.871 680	7	089	
912	9.824 769	8	9.953 096	15	0.046 904	9.871 673	7	088	
913	9.824 777	9	9.953 111	15	0.046 889	9.871 666	6	087	
914	9.824 786	8	9.953 126	16	0.046 874	9.871 660	7	086	
915	9.824 794	9	9.953 142	15	0.046 858	9.871 653	7	085	
916	9.824 803	8	9.953 157	15	0.046 843	9.871 646	7	084	
917	9.824 811	9	9.953 172	15	0.046 828	9.871 639	7	083	
918	9.824 820	8	9.953 187	16	0.046 813	9.871 632	7	082	
919	9.824 828	8	9.953 203	15	0.046 797	9.871 625	6	081	
.920	9.824 836	9	9.953 218	15	0.046 782	9.871 619	7	**.080**	
921	9.824 845	8	9.953 233	15	0.046 767	9.871 612	7	079	
922	9.824 853	9	9.953 248	16	0.046 752	9.871 605	7	078	
923	9.824 862	8	9.953 264	15	0.046 736	9.871 598	7	077	
924	9.824 870	9	9.953 279	15	0.046 721	9.871 591	6	076	
925	9.824 879	8	9.953 294	15	0.046 706	9.871 585	7	075	
926	9.824 887	9	9.953 309	16	0.046 691	9.871 578	7	074	
927	9.824 896	8	9.953 325	15	0.046 675	9.871 571	7	073	
928	9.824 904	8	9.953 340	15	0.046 660	9.871 564	7	072	
929	9.824 912	9	9.953 355	15	0.046 645	9.871 557	6	071	
.930	9.824 921	8	9.953 370	16	0.046 630	9.871 551	7	**.070**	
931	9.824 929	9	9.953 386	15	0.046 614	9.871 544	7	069	
932	9.824 938	8	9.953 401	15	0.046 599	9.871 537	7	068	
933	9.824 946	9	9.953 416	15	0.046 584	9.871 530	7	067	
934	9.824 955	8	9.953 431	16	0.046 569	9.871 523	6	066	
935	9.824 963	9	9.953 447	15	0.046 553	9.871 517	7	065	
936	9.824 972	8	9.953 462	15	0.046 538	9.871 510	7	064	
937	9.824 980	8	9.953 477	15	0.046 523	9.871 503	7	063	
938	9.824 988	9	9.953 492	15	0.046 508	9.871 496	7	062	
939	9.824 997	8	9.953 507	16	0.046 493	9.871 489	6	061	
.940	9.825 005	9	9.953 523	15	0.046 477	9.871 483	7	**.060**	
941	9.825 014	8	9.953 538	15	0.046 462	9.871 476	7	059	
942	9.825 022	9	9.953 553	15	0.046 447	9.871 469	7	058	
943	9.825 031	8	9.953 568	16	0.046 432	9.871 462	7	057	
944	9.825 039	8	9.953 584	15	0.046 416	9.871 455	7	056	
945	9.825 047	9	9.953 599	15	0.046 401	9.871 448	6	055	
946	9.825 056	8	9.953 614	15	0.046 386	9.871 442	7	054	
947	9.825 064	9	9.953 629	16	0.046 371	9.871 435	7	053	
948	9.825 073	8	9.953 645	15	0.046 355	9.871 428	7	052	
949	9.825 081	9	9.953 660	15	0.046 340	9.871 421	7	051	
.950	9.825 090		9.953 675		0.046 325	9.871 414		**.050**	
	cos	d	cotg	d	tang	sin	d	48°	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	9	8
1	0.9	0.8
2	1.8	1.6
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4	3.6	3.2
5	4.5	4.0
6	5.4	4.8
7	6.3	5.6
8	7.2	6.4
9	8.1	7.2

	7	6
1	0.7	0.6
2	1.4	1.2
3	2.1	1.8
4	2.8	2.4
5	3.5	3.0
6	4.2	3.6
7	4.9	4.2
8	5.6	4.8
9	6.3	5.4

48°.100 — 48°.050

41°.950 — 42°.000

41°	sin	d	tang	d	cotg	cos	d		P.P.
.950	9.825 090	8	9.953 675	15	0.046 325	9.871 414	6	**.050**	
951	9.825 098	8	9.953 690	16	0.046 310	9.871 408	7	049	
952	9.825 106	9	9.953 706	15	0.046 294	9.871 401	7	048	
953	9.825 115	8	9.953 721	15	0.046 279	9.871 394	7	047	
954	9.825 123	9	9.953 736	15	0.046 264	9.871 387	7	046	
955	9.825 132	8	9.953 751	16	0.046 249	9.871 380	6	045	
956	9.825 140	9	9.953 767	15	0.046 233	9.871 374	7	044	
957	9.825 149	8	9.953 782	15	0.046 218	9.871 367	7	043	
958	9.825 157	8	9.953 797	15	0.046 203	9.871 360	7	042	
959	9.825 165	9	9.953 812	16	0.046 188	9.871 353	7	041	
.960	9.825 174	8	9.953 828	15	0.046 172	9.871 346	7	**.040**	
961	9.825 182	9	9.953 843	15	0.046 157	9.871 339	6	039	
962	9.825 191	8	9.953 858	15	0.046 142	9.871 333	7	038	
963	9.825 199	9	9.953 873	16	0.046 127	9.871 326	7	037	
964	9.825 208	8	9.953 889	15	0.046 111	9.871 319	7	036	
965	9.825 216	9	9.953 904	15	0.046 096	9.871 312	7	035	
966	9.825 225	8	9.953 919	15	0.046 081	9.871 305	6	034	
967	9.825 233	8	9.953 934	16	0.046 066	9.871 299	7	033	
968	9.825 241	9	9.953 950	15	0.046 050	9.871 292	7	032	
969	9.825 250	8	9.953 965	15	0.046 035	9.871 285	7	031	
.970	9.825 258	9	9.953 980	15	0.046 020	9.871 278	7	**.030**	
971	9.825 267	8	9.953 995	16	0.046 005	9.871 271	7	029	
972	9.825 275	8	9.954 011	15	0.045 989	9.871 264	7	028	
973	9.825 283	9	9.954 026	15	0.045 974	9.871 258	6	027	
974	9.825 292	8	9.954 041	15	0.045 959	9.871 251	7	026	
975	9.825 300	9	9.954 056	16	0.045 944	9.871 244	7	025	
976	9.825 309	8	9.954 072	15	0.045 928	9.871 237	7	024	
977	9.825 317	9	9.954 087	15	0.045 913	9.871 230	7	023	
978	9.825 326	8	9.954 102	15	0.045 898	9.871 224	6	022	
979	9.825 334	8	9.954 117	16	0.045 883	9.871 217	7	021	
.980	9.825 342	9	9.954 133	15	0.045 867	9.871 210	7	**.020**	
981	9.825 351	8	9.954 148	15	0.045 852	9.871 203	7	019	
982	9.825 359	9	9.954 163	15	0.045 837	9.871 196	7	018	
983	9.825 368	8	9.954 178	16	0.045 822	9.871 189	7	017	
984	9.825 376	9	9.954 194	15	0.045 806	9.871 183	6	016	
985	9.825 385	8	9.954 209	15	0.045 791	9.871 176	7	015	
986	9.825 393	8	9.954 224	15	0.045 776	9.871 169	7	014	
987	9.825 401	9	9.954 239	16	0.045 761	9.871 162	7	013	
988	9.825 410	8	9.954 255	15	0.045 745	9.871 155	6	012	
989	9.825 418	9	9.954 270	15	0.045 730	9.871 149	7	011	
.990	9.825 427	8	9.954 285	15	0.045 715	9.871 142	7	**.010**	
991	9.825 435	9	9.954 300	15	0.045 700	9.871 135	7	009	
992	9.825 444	8	9.954 315	16	0.045 685	9.871 128	7	008	
993	9.825 452	8	9.954 331	15	0.045 669	9.871 121	7	007	
994	9.825 460	9	9.954 346	15	0.045 654	9.871 114	6	006	
995	9.825 469	8	9.954 361	15	0.045 639	9.871 108	7	005	
996	9.825 477	9	9.954 376	16	0.045 624	9.871 101	7	004	
997	9.825 486	8	9.954 392	15	0.045 608	9.871 094	7	003	
998	9.825 494	8	9.954 407	15	0.045 593	9.871 087	7	002	
999	9.825 502	9	9.954 422	15	0.045 578	9.871 080	7	001	
*.000	9.825 511		9.954 437		0.045 563	9.871 073		**.000**	
	cos	d	cotg	d	tang	sin	d	48°	P.P.

	16	15
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2	3.2	3.0
3	4.8	4.5
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5	8.0	7.5
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7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	9	8
1	0.9	0.8
2	1.8	1.6
3	2.7	2.4
4	3.6	3.2
5	4.5	4.0
6	5.4	4.8
7	6.3	5.6
8	7.2	6.4
9	8.1	7.2

	7	6
1	0.7	0.6
2	1.4	1.2
3	2.1	1.8
4	2.8	2.4
5	3.5	3.0
6	4.2	3.6
7	4.9	4.2
8	5.6	4.8
9	6.3	5.4

48°.050 — 48°.000

42°.000 — 42°.050

42°	sin	d	tang	d	cotg	cos	d		P.P.
.000	9.825 511	8	9.954 437	16	0.045 563	9.871 073	6	***000**	
001	9.825 519	9	9.954 453	15	0.045 547	9.871 067	7	999	
002	9.825 528	8	9.954 468	15	0.045 532	9.871 060	7	998	
003	9.825 536	9	9.954 483	15	0.045 517	9.871 053	7	997	
004	9.825 545	8	9.954 498	16	0.045 502	9.871 046	7	996	
005	9.825 553	8	9.954 514	15	0.045 486	9.871 039	6	995	
006	9.825 561	9	9.954 529	15	0.045 471	9.871 033	7	994	
007	9.825 570	8	9.954 544	15	0.045 456	9.871 026	7	993	
008	9.825 578	9	9.954 559	16	0.045 441	9.871 019	7	992	
009	9.825 587	8	9.954 575	15	0.045 425	9.871 012	7	991	
.010	9.825 595	8	9.954 590	15	0.045 410	9.871 005	7	**.990**	
011	9.825 603	9	9.954 605	15	0.045 395	9.870 998	6	989	
012	9.825 612	8	9.954 620	16	0.045 380	9.870 992	7	988	
013	9.825 620	9	9.954 636	15	0.045 364	9.870 985	7	987	
014	9.825 629	8	9.954 651	15	0.045 349	9.870 978	7	986	
015	9.825 637	9	9.954 666	15	0.045 334	9.870 971	7	985	
016	9.825 646	8	9.954 681	16	0.045 319	9.870 964	7	984	
017	9.825 654	8	9.954 697	15	0.045 303	9.870 957	6	983	
018	9.825 662	9	9.954 712	15	0.045 288	9.870 951	7	982	
019	9.825 671	8	9.954 727	15	0.045 273	9.870 944	7	981	
.020	9.825 679	9	9.954 742	16	0.045 258	9.870 937	7	**.980**	
021	9.825 688	8	9.954 758	15	0.045 242	9.870 930	7	979	
022	9.825 696	8	9.954 773	15	0.045 227	9.870 923	7	978	
023	9.825 704	9	9.954 788	15	0.045 212	9.870 916	6	977	
024	9.825 713	8	9.954 803	16	0.045 197	9.870 910	7	976	
025	9.825 721	9	9.954 819	15	0.045 181	9.870 903	7	975	
026	9.825 730	8	9.954 834	15	0.045 166	9.870 896	7	974	
027	9.825 738	8	9.954 849	15	0.045 151	9.870 889	7	973	
028	9.825 746	9	9.954 864	15	0.045 136	9.870 882	7	972	
029	9.825 755	8	9.954 879	16	0.045 121	9.870 875	6	971	
.030	9.825 763	9	9.954 895	15	0.045 105	9.870 869	7	**.970**	
031	9.825 772	8	9.954 910	15	0.045 090	9.870 862	7	969	
032	9.825 780	9	9.954 925	15	0.045 075	9.870 855	7	968	
033	9.825 789	8	9.954 940	16	0.045 060	9.870 848	7	967	
034	9.825 797	8	9.954 956	15	0.045 044	9.870 841	7	966	
035	9.825 805	9	9.954 971	15	0.045 029	9.870 834	6	965	
036	9.825 814	8	9.954 986	15	0.045 014	9.870 828	7	964	
037	9.825 822	9	9.955 001	16	0.044 999	9.870 821	7	963	
038	9.825 831	8	9.955 017	15	0.044 983	9.870 814	7	962	
039	9.825 839	8	9.955 032	15	0.044 968	9.870 807	7	961	
.040	9.825 847	9	9.955 047	15	0.044 953	9.870 800	7	**.960**	
041	9.825 856	8	9.955 062	16	0.044 938	9.870 793	6	959	
042	9.825 864	9	9.955 078	15	0.044 922	9.870 787	7	958	
043	9.825 873	8	9.955 093	15	0.044 907	9.870 780	7	957	
044	9.825 881	8	9.955 108	15	0.044 892	9.870 773	7	956	
045	9.825 889	9	9.955 123	16	0.044 877	9.870 766	7	955	
046	9.825 898	8	9.955 139	15	0.044 861	9.870 759	7	954	
047	9.825 906	9	9.955 154	15	0.044 846	9.870 752	6	953	
048	9.825 915	8	9.955 169	15	0.044 831	9.870 746	7	952	
049	9.825 923	8	9.955 184	16	0.044 816	9.870 739	7	951	
.050	9.825 931		9.955 200		0.044 800	9.870 732		**.950**	
	cos	d	cotg	d	tang	sin	d	**47°**	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	9	8
1	0.9	0.8
2	1.8	1.6
3	2.7	2.4
4	3.6	3.2
5	4.5	4.0
6	5.4	4.8
7	6.3	5.6
8	7.2	6.4
9	8.1	7.2

	7	6
1	0.7	0.6
2	1.4	1.2
3	2.1	1.8
4	2.8	2.4
5	3.5	3.0
6	4.2	3.6
7	4.9	4.2
8	5.6	4.8
9	6.3	5.4

48°.000 — 47°.950

42°.050 — 42°.100

42°	sin	d	tang	d	cotg	cos	d		P.P.
.050	9.825 931		9.955 200		0.044 800	9.870 732		**.950**	
		9		15			7		
051	9.825 940		9.955 215		0.044 785	9.870 725		949	
		8		15			7		
052	9.825 948		9.955 230		0.044 770	9.870 718		948	
		9		15			7		
053	9.825 957		9.955 245		0.044 755	9.870 711		947	
		8		15			6		
054	9.825 965		9.955 260		0.044 740	9.870 705		946	
		8		16			7		
055	9.825 973		9.955 276		0.044 724	9.870 698		945	
		9		15			7		
056	9.825 982		9.955 291		0.044 709	9.870 691		944	
		8		15			7		
057	9.825 990		9.955 306		0.044 694	9.870 684		943	
		9		15			7		
058	9.825 999		9.955 321		0.044 679	9.870 677		942	
		8		16			7		
059	9.826 007		9.955 337		0.044 663	9.870 670		941	
		8		15			6		
.060	9.826 015		9.955 352		0.044 648	9.870 664		**.940**	
		9		15			7		
061	9.826 024		9.955 367		0.044 633	9.870 657		939	
		8		15			7		
062	9.826 032		9.955 382		0.044 618	9.870 650		938	
		9		16			7		
063	9.826 041		9.955 398		0.044 602	9.870 643		937	
		8		15			7		
064	9.826 049		9.955 413		0.044 587	9.870 636		936	
		8		15			7		
065	9.826 057		9.955 428		0.044 572	9.870 629		935	
		9		15			7		
066	9.826 066		9.955 443		0.044 557	9.870 622		934	
		8		16			6		
067	9.826 074		9.955 459		0.044 541	9.870 616		933	
		9		15			7		
068	9.826 083		9.955 474		0.044 526	9.870 609		932	
		8		15			7		
069	9.826 091		9.955 489		0.044 511	9.870 602		931	
		8		15			7		
.070	9.826 099		9.955 504		0.044 496	9.870 595		**.930**	
		9		16			7		
071	9.826 108		9.955 520		0.044 480	9.870 588		929	
		8		15			7		
072	9.826 116		9.955 535		0.044 465	9.870 581		928	
		9		15			6		
073	9.826 125		9.955 550		0.044 450	9.870 575		927	
		8		15			7		
074	9.826 133		9.955 565		0.044 435	9.870 568		926	
		8		16			7		
075	9.826 141		9.955 581		0.044 419	9.870 561		925	
		9		15			7		
076	9.826 150		9.955 596		0.044 404	9.870 554		924	
		8		15			7		
077	9.826 158		9.955 611		0.044 389	9.870 547		923	
		9		15			7		
078	9.826 167		9.955 626		0.044 374	9.870 540		922	
		8		15			6		
079	9.826 175		9.955 641		0.044 359	9.870 534		921	
		8		16			7		
.080	9.826 183		9.955 657		0.044 343	9.870 527		**.920**	
		9		15			7		
081	9.826 192		9.955 672		0.044 328	9.870 520		919	
		8		15			7		
082	9.826 200		9.955 687		0.044 313	9.870 513		918	
		9		15			7		
083	9.826 209		9.955 702		0.044 298	9.870 506		917	
		8		16			7		
084	9.826 217		9.955 718		0.044 282	9.870 499		916	
		8		15			7		
085	9.826 225		9.955 733		0.044 267	9.870 492		915	
		9		15			6		
086	9.826 234		9.955 748		0.044 252	9.870 486		914	
		8		15			7		
087	9.826 242		9.955 763		0.044 237	9.870 479		913	
		9		16			7		
088	9.826 251		9.955 779		0.044 221	9.870 472		912	
		8		15			7		
089	9.826 259		9.955 794		0.044 206	9.870 465		911	
		8		15			7		
.090	9.826 267		9.955 809		0.044 191	9.870 458		**.910**	
		9		15			7		
091	9.826 276		9.955 824		0.044 176	9.870 451		909	
		8		16			6		
092	9.826 284		9.955 840		0.044 160	9.870 445		908	
		9		15			7		
093	9.826 293		9.955 855		0.044 145	9.870 438		907	
		8		15			7		
094	9.826 301		9.955 870		0.044 130	9.870 431		906	
		8		15			7		
095	9.826 309		9.955 885		0.044 115	9.870 424		905	
		9		16			7		
096	9.826 318		9.955 901		0.044 099	9.870 417		904	
		8		15			7		
097	9.826 326		9.955 916		0.044 084	9.870 410		903	
		8		15			7		
098	9.826 334		9.955 931		0.044 069	9.870 403		902	
		9		15			6		
099	9.826 343		9.955 946		0.044 054	9.870 397		901	
		8		15			7		
.100	9.826 351		9.955 961		0.044 039	9.870 390		**.900**	
	cos	d	cotg	d	tang	sin	d	**47°**	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	9	8
1	0.9	0.8
2	1.8	1.6
3	2.7	2.4
4	3.6	3.2
5	4.5	4.0
6	5.4	4.8
7	6.3	5.6
8	7.2	6.4
9	8.1	7.2

	7	6
1	0.7	0.6
2	1.4	1.2
3	2.1	1.8
4	2.8	2.4
5	3.5	3.0
6	4.2	3.6
7	4.9	4.2
8	5.6	4.8
9	6.3	5.4

47°.950 — 47°.900

42°.100 — 42°.150

42°	sin	d	tang	d	cotg	cos	d		P.P.
.100	9.826 351		9.955 961		0.044 039	9.870 390		**.900**	
		9		16			7		
101	9.826 360		9.955 977		0.044 023	9.870 383		899	
		8		15			7		
102	9.826 368		9.955 992		0.044 008	9.870 376		898	
		8		15			7		
103	9.826 376		9.956 007		0.043 993	9.870 369		897	
		9		15			7		
104	9.826 385		9.956 022		0.043 978	9.870 362		896	
		8		16			6		
105	9.826 393		9.956 038		0.043 962	9.870 356		895	
		9		15			7		
106	9.826 402		9.956 053		0.043 947	9.870 349		894	
		8		15			7		
107	9.826 410		9.956 068		0.043 932	9.870 342		893	
		8		15			7		
108	9.826 418		9.956 083		0.043 917	9.870 335		892	
		9		16			7		
109	9.826 427		9.956 099		0.043 901	9.870 328		891	
		8		15			7		
.110	9.826 435		9.956 114		0.043 886	9.870 321		**.890**	
		9		15			7		
111	9.826 444		9.956 129		0.043 871	9.870 314		889	
		8		15			6		
112	9.826 452		9.956 144		0.043 856	9.870 308		888	
		8		16			7		
113	9.826 460		9.956 160		0.043 840	9.870 301		887	
		9		15			7		
114	9.826 469		9.956 175		0.043 825	9.870 294		886	
		8		15			7		
115	9.826 477		9.956 190		0.043 810	9.870 287		885	
		8		15			7		
116	9.826 485		9.956 205		0.043 795	9.870 280		884	
		9		16			7		
117	9.826 494		9.956 221		0.043 779	9.870 273		883	
		8		15			7		
118	9.826 502		9.956 236		0.043 764	9.870 266		882	
		9		15			6		
119	9.826 511		9.956 251		0.043 749	9.870 260		881	
		8		15			7		
.120	9.826 519		9.956 266		0.043 734	9.870 253		**.880**	
		8		15			7		
121	9.826 527		9.956 281		0.043 719	9.870 246		879	
		9		16			7		
122	9.826 536		9.956 297		0.043 703	9.870 239		878	
		8		15			7		
123	9.826 544		9.956 312		0.043 688	9.870 232		877	
		8		15			7		
124	9.826 552		9.956 327		0.043 673	9.870 225		876	
		9		15			7		
125	9.826 561		9.956 342		0.043 658	9.870 218		875	
		8		16			6		
126	9.826 569		9.956 358		0.043 642	9.870 212		874	
		9		15			7		
127	9.826 578		9.956 373		0.043 627	9.870 205		873	
		8		15			7		
128	9.826 586		9.956 388		0.043 612	9.870 198		872	
		8		15			7		
129	9.826 594		9.956 403		0.043 597	9.870 191		871	
		9		16			7		
.130	9.826 603		9.956 419		0.043 581	9.870 184		**.870**	
		8		15			7		
131	9.826 611		9.956 434		0.043 566	9.870 177		869	
		9		15			7		
132	9.826 620		9.956 449		0.043 551	9.870 170		868	
		8		15			6		
133	9.826 628		9.956 464		0.043 536	9.870 164		867	
		8		16			7		
134	9.826 636		9.956 480		0.043 520	9.870 157		866	
		9		15			7		
135	9.826 645		9.956 495		0.043 505	9.870 150		865	
		8		15			7		
136	9.826 653		9.956 510		0.043 490	9.870 143		864	
		8		15			7		
137	9.826 661		9.956 525		0.043 475	9.870 136		863	
		9		15			7		
138	9.826 670		9.956 540		0.043 460	9.870 129		862	
		8		16			7		
139	9.826 678		9.956 556		0.043 444	9.870 122		861	
		9		15			6		
.140	9.826 687		9.956 571		0.043 429	9.870 116		**.860**	
		8		15			7		
141	9.826 695		9.956 586		0.043 414	9.870 109		859	
		8		15			7		
142	9.826 703		9.956 601		0.043 399	9.870 102		858	
		9		16			7		
143	9.826 712		9.956 617		0.043 383	9.870 095		857	
		8		15			7		
144	9.826 720		9.956 632		0.043 368	9.870 088		856	
		8		15			7		
145	9.826 728		9.956 647		0.043 353	9.870 081		855	
		9		15			7		
146	9.826 737		9.956 662		0.043 338	9.870 074		854	
		8		16			6		
147	9.826 745		9.956 678		0.043 322	9.870 068		853	
		9		15			7		
148	9.826 754		9.956 693		0.043 307	9.870 061		852	
		8		15			7		
149	9.826 762		9.956 708		0.043 292	9.870 054		851	
		8		15			7		
.150	9.826 770		9.956 723		0.043 277	9.870 047		**.850**	
	cos	d	cotg	d	tang	sin	d	**47°**	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	9	8
1	0.9	0.8
2	1.8	1.6
3	2.7	2.4
4	3.6	3.2
5	4.5	4.0
6	5.4	4.8
7	6.3	5.6
8	7.2	6.4
9	8.1	7.2

	7	6
1	0.7	0.6
2	1.4	1.2
3	2.1	1.8
4	2.8	2.4
5	3.5	3.0
6	4.2	3.6
7	4.9	4.2
8	5.6	4.8
9	6.3	5.4

47°.900 — 47°.850

42°.150 — 42°.200

42°	sin	d	tang	d	cotg	cos	d		P.P.
.150	9.826 770	9	9.956 723	16	0.043 277	9.870 047	7	**.850**	
151	9.826 779	8	9.956 739	15	0.043 261	9.870 040	7	849	
152	9.826 787	8	9.956 754	15	0.043 246	9.870 033	7	848	
153	9.826 795	9	9.956 769	15	0.043 231	9.870 026	6	847	
154	9.826 804	8	9.956 784	15	0.043 216	9.870 020	7	846	
155	9.826 812	9	9.956 799	16	0.043 201	9.870 013	7	845	
156	9.826 821	8	9.956 815	15	0.043 185	9.870 006	7	844	
157	9.826 829	8	9.956 830	15	0.043 170	9.869 999	7	843	
158	9.826 837	9	9.956 845	15	0.043 155	9.869 992	7	842	
159	9.826 846	8	9.956 860	16	0.043 140	9.869 985	7	841	
.160	9.826 854	8	9.956 876	15	0.043 124	9.869 978	6	**.840**	
161	9.826 862	9	9.956 891	15	0.043 109	9.869 972	7	839	
162	9.826 871	8	9.956 906	15	0.043 094	9.869 965	7	838	
163	9.826 879	9	9.956 921	16	0.043 079	9.869 958	7	837	
164	9.826 888	8	9.956 937	15	0.043 063	9.869 951	7	836	
165	9.826 896	8	9.956 952	15	0.043 048	9.869 944	7	835	
166	9.826 904	9	9.956 967	15	0.043 033	9.869 937	7	834	
167	9.826 913	8	9.956 982	16	0.043 018	9.869 930	7	833	
168	9.826 921	8	9.956 998	15	0.043 002	9.869 923	6	832	
169	9.826 929	9	9.957 013	15	0.042 987	9.869 917	7	831	
.170	9.826 938	8	9.957 028	15	0.042 972	9.869 910	7	**.830**	
171	9.826 946	8	9.957 043	15	0.042 957	9.869 903	7	829	
172	9.826 954	9	9.957 058	16	0.042 942	9.869 896	7	828	
173	9.826 963	8	9.957 074	15	0.042 926	9.869 889	7	827	
174	9.826 971	9	9.957 089	15	0.042 911	9.869 882	7	826	
175	9.826 980	8	9.957 104	15	0.042 896	9.869 875	6	825	
176	9.826 988	8	9.957 119	16	0.042 881	9.869 869	7	824	
177	9.826 996	9	9.957 135	15	0.042 865	9.869 862	7	823	
178	9.827 005	8	9.957 150	15	0.042 850	9.869 855	7	822	
179	9.827 013	8	9.957 165	15	0.042 835	9.869 848	7	821	
.180	9.827 021	9	9.957 180	16	0.042 820	9.869 841	7	**.820**	
181	9.827 030	8	9.957 196	15	0.042 804	9.869 834	7	819	
182	9.827 038	9	9.957 211	15	0.042 789	9.869 827	7	818	
183	9.827 047	8	9.957 226	15	0.042 774	9.869 820	6	817	
184	9.827 055	8	9.957 241	15	0.042 759	9.869 814	7	816	
185	9.827 063	9	9.957 256	16	0.042 744	9.869 807	7	815	
186	9.827 072	8	9.957 272	15	0.042 728	9.869 800	7	814	
187	9.827 080	8	9.957 287	15	0.042 713	9.869 793	7	813	
188	9.827 088	9	9.957 302	15	0.042 698	9.869 786	7	812	
189	9.827 097	8	9.957 317	16	0.042 683	9.869 779	7	811	
.190	9.827 105	8	9.957 333	15	0.042 667	9.869 772	6	**.810**	
191	9.827 113	9	9.957 348	15	0.042 652	9.869 766	7	809	
192	9.827 122	8	9.957 363	15	0.042 637	9.869 759	7	808	
193	9.827 130	8	9.957 378	16	0.042 622	9.869 752	7	807	
194	9.827 138	9	9.957 394	15	0.042 606	9.869 745	7	806	
195	9.827 147	8	9.957 409	15	0.042 591	9.869 738	7	805	
196	9.827 155	9	9.957 424	15	0.042 576	9.869 731	7	804	
197	9.827 164	8	9.957 439	16	0.042 561	9.869 724	7	803	
198	9.827 172	8	9.957 455	15	0.042 545	9.869 717	6	802	
199	9.827 180	9	9.957 470	15	0.042 530	9.869 711	7	801	
.200	9.827 189		9.957 485		0.042 515	9.869 704		**.800**	
	cos	d	cotg	d	tang	sin	d	**47°**	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	9	8
1	0.9	0.8
2	1.8	1.6
3	2.7	2.4
4	3.6	3.2
5	4.5	4.0
6	5.4	4.8
7	6.3	5.6
8	7.2	6.4
9	8.1	7.2

	7	6
1	0.7	0.6
2	1.4	1.2
3	2.1	1.8
4	2.8	2.4
5	3.5	3.0
6	4.2	3.6
7	4.9	4.2
8	5.6	4.8
9	6.3	5.4

47°.850 — 47°.800

42°.200 — 42°.250

42°	sin	d	tang	d	cotg	cos	d		P.P.
.200	9.827 189	8	9.957 485	15	0.042 515	9.869 704	7	**.800**	
201	9.827 197	8	9.957 500	15	0.042 500	9.869 697	7	799	
202	9.827 205	9	9.957 515	16	0.042 485	9.869 690	7	798	
203	9.827 214	8	9.957 531	15	0.042 469	9.869 683	7	797	
204	9.827 222	8	9.957 546	15	0.042 454	9.869 676	7	796	
205	9.827 230	9	9.957 561	15	0.042 439	9.869 669	7	795	
206	9.827 239	8	9.957 576	16	0.042 424	9.869 662	6	794	
207	9.827 247	9	9.957 592	15	0.042 408	9.869 656	7	793	
208	9.827 256	8	9.957 607	15	0.042 393	9.869 649	7	792	
209	9.827 264	8	9.957 622	15	0.042 378	9.869 642	7	791	
.210	9.827 272	9	9.957 637	16	0.042 363	9.869 635	7	**.790**	
211	9.827 281	8	9.957 653	15	0.042 347	9.869 628	7	789	
212	9.827 289	8	9.957 668	15	0.042 332	9.869 621	7	788	
213	9.827 297	9	9.957 683	15	0.042 317	9.869 614	7	787	
214	9.827 306	8	9.957 698	15	0.042 302	9.869 607	6	786	
215	9.827 314	8	9.957 713	16	0.042 287	9.869 601	7	785	
216	9.827 322	9	9.957 729	15	0.042 271	9.869 594	7	784	
217	9.827 331	8	9.957 744	15	0.042 256	9.869 587	7	783	
218	9.827 339	8	9.957 759	15	0.042 241	9.869 580	7	782	
219	9.827 347	9	9.957 774	16	0.042 226	9.869 573	7	781	
.220	9.827 356	8	9.957 790	15	0.042 210	9.869 566	7	**.780**	
221	9.827 364	8	9.957 805	15	0.042 195	9.869 559	7	779	
222	9.827 372	9	9.957 820	15	0.042 180	9.869 552	6	778	
223	9.827 381	8	9.957 835	16	0.042 165	9.869 546	7	777	
224	9.827 389	9	9.957 851	15	0.042 149	9.869 539	7	776	
225	9.827 398	8	9.957 866	15	0.042 134	9.869 532	7	775	
226	9.827 406	8	9.957 881	15	0.042 119	9.869 525	7	774	
227	9.827 414	9	9.957 896	15	0.042 104	9.869 518	7	773	
228	9.827 423	8	9.957 911	16	0.042 089	9.869 511	7	772	
229	9.827 431	8	9.957 927	15	0.042 073	9.869 504	7	771	
.230	9.827 439	9	9.957 942	15	0.042 058	9.869 497	7	**.770**	
231	9.827 448	8	9.957 957	15	0.042 043	9.869 490	6	769	
232	9.827 456	8	9.957 972	16	0.042 028	9.869 484	7	768	
233	9.827 464	9	9.957 988	15	0.042 012	9.869 477	7	767	
234	9.827 473	8	9.958 003	15	0.041 997	9.869 470	7	766	
235	9.827 481	8	9.958 018	15	0.041 982	9.869 463	7	765	
236	9.827 489	9	9.958 033	16	0.041 967	9.869 456	7	764	
237	9.827 498	8	9.958 049	15	0.041 951	9.869 449	7	763	
238	9.827 506	8	9.958 064	15	0.041 936	9.869 442	7	762	
239	9.827 514	9	9.958 079	15	0.041 921	9.869 435	6	761	
.240	9.827 523	8	9.958 094	15	0.041 906	9.869 429	7	**.760**	
241	9.827 531	8	9.958 109	16	0.041 891	9.869 422	7	759	
242	9.827 539	9	9.958 125	15	0.041 875	9.869 415	7	758	
243	9.827 548	8	9.958 140	15	0.041 860	9.869 408	7	757	
244	9.827 556	9	9.958 155	15	0.041 845	9.869 401	7	756	
245	9.827 565	8	9.958 170	16	0.041 830	9.869 394	7	755	
246	9.827 573	8	9.958 186	15	0.041 814	9.869 387	7	754	
247	9.827 581	9	9.958 201	15	0.041 799	9.869 380	7	753	
248	9.827 590	8	9.958 216	15	0.041 784	9.869 373	6	752	
249	9.827 598	8	9.958 231	16	0.041 769	9.869 367	7	751	
.250	9.827 606		9.958 247		0.041 753	9.869 360		**.750**	
	cos	d	cotg	d	tang	sin	d	**47°**	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	9	8
1	0.9	0.8
2	1.8	1.6
3	2.7	2.4
4	3.6	3.2
5	4.5	4.0
6	5.4	4.8
7	6.3	5.6
8	7.2	6.4
9	8.1	7.2

	7	6
1	0.7	0.6
2	1.4	1.2
3	2.1	1.8
4	2.8	2.4
5	3.5	3.0
6	4.2	3.6
7	4.9	4.2
8	5.6	4.8
9	6.3	5.4

47°.800 — 47°.750

42°.250 — 42°.300

42°	sin	d	tang	d	cotg	cos	d		P.P.
.250	9.827 606	9	9.958 247	15	0.041 753	9.869 360	7	**.750**	
251	9.827 615	8	9.958 262	15	0.041 738	9.869 353	7	749	
252	9.827 623	8	9.958 277	15	0.041 723	9.869 346	7	748	
253	9.827 631	9	9.958 292	15	0.041 708	9.869 339	7	747	
254	9.827 640	8	9.958 307	16	0.041 693	9.869 332	7	746	
255	9.827 648	8	9.958 323	15	0.041 677	9.869 325	7	745	
256	9.827 656	9	9.958 338	15	0.041 662	9.869 318	6	744	
257	9.827 665	8	9.958 353	15	0.041 647	9.869 312	7	743	
258	9.827 673	8	9.958 368	16	0.041 632	9.869 305	7	742	
259	9.827 681	9	9.958 384	15	0.041 616	9.869 298	7	741	
.260	9.827 690	8	9.958 399	15	0.041 601	9.869 291	7	**.740**	
261	9.827 698	8	9.958 414	15	0.041 586	9.869 284	7	739	
262	9.827 706	9	9.958 429	16	0.041 571	9.869 277	7	738	
263	9.827 715	8	9.958 445	15	0.041 555	9.869 270	7	737	
264	9.827 723	8	9.958 460	15	0.041 540	9.869 263	7	736	
265	9.827 731	9	9.958 475	15	0.041 525	9.869 256	6	735	
266	9.827 740	8	9.958 490	15	0.041 510	9.869 250	7	734	
267	9.827 748	8	9.958 505	16	0.041 495	9.869 243	7	733	
268	9.827 756	9	9.958 521	15	0.041 479	9.869 236	7	732	
269	9.827 765	8	9.958 536	15	0.041 464	9.869 229	7	731	
.270	9.827 773	8	9.958 551	15	0.041 449	9.869 222	7	**.730**	
271	9.827 781	9	9.958 566	16	0.041 434	9.869 215	7	729	
272	9.827 790	8	9.958 582	15	0.041 418	9.869 208	7	728	
273	9.827 798	8	9.958 597	15	0.041 403	9.869 201	7	727	
274	9.827 806	9	9.958 612	15	0.041 388	9.869 194	6	726	
275	9.827 815	8	9.958 627	16	0.041 373	9.869 188	7	725	
276	9.827 823	8	9.958 643	15	0.041 357	9.869 181	7	724	
277	9.827 831	9	9.958 658	15	0.041 342	9.869 174	7	723	
278	9.827 840	8	9.958 673	15	0.041 327	9.869 167	7	722	
279	9.827 848	8	9.958 688	15	0.041 312	9.869 160	7	721	
.280	9.827 856	9	9.958 703	16	0.041 297	9.869 153	7	**.720**	
281	9.827 865	8	9.958 719	15	0.041 281	9.869 146	7	719	
282	9.827 873	8	9.958 734	15	0.041 266	9.869 139	7	718	
283	9.827 881	9	9.958 749	15	0.041 251	9.869 132	7	717	
284	9.827 890	8	9.958 764	16	0.041 236	9.869 125	6	716	
285	9.827 898	8	9.958 780	15	0.041 220	9.869 119	7	715	
286	9.827 906	9	9.958 795	15	0.041 205	9.869 112	7	714	
287	9.827 915	8	9.958 810	15	0.041 190	9.869 105	7	713	
288	9.827 923	8	9.958 825	15	0.041 175	9.869 098	7	712	
289	9.827 931	9	9.958 840	16	0.041 160	9.869 091	7	711	
.290	9.827 940	8	9.958 856	15	0.041 144	9.869 084	7	**.710**	
291	9.827 948	8	9.958 871	15	0.041 129	9.869 077	7	709	
292	9.827 956	9	9.958 886	15	0.041 114	9.869 070	7	708	
293	9.827 965	8	9.958 901	16	0.041 099	9.869 063	6	707	
294	9.827 973	8	9.958 917	15	0.041 083	9.869 057	7	706	
295	9.827 981	9	9.958 932	15	0.041 068	9.869 050	7	705	
296	9.827 990	8	9.958 947	15	0.041 053	9.869 043	7	704	
297	9.827 998	8	9.958 962	16	0.041 038	9.869 036	7	703	
298	9.828 006	9	9.958 978	15	0.041 022	9.869 029	7	702	
299	9.828 015	8	9.958 993	15	0.041 007	9.869 022	7	701	
.300	9.828 023		9.959 008		0.040 992	9.869 015		**.700**	
	cos	d	cotg	d	tang	sin	d	**47°**	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	9	8
1	0.9	0.8
2	1.8	1.6
3	2.7	2.4
4	3.6	3.2
5	4.5	4.0
6	5.4	4.8
7	6.3	5.6
8	7.2	6.4
9	8.1	7.2

	7	6
1	0.7	0.6
2	1.4	1.2
3	2.1	1.8
4	2.8	2.4
5	3.5	3.0
6	4.2	3.6
7	4.9	4.2
8	5.6	4.8
9	6.3	5.4

47°.750 — 47°.700

42°.300 — 42°.350

42°	sin	d	tang	d	cotg	cos	d		P.P.
.300	9.828 023	8	9.959 008	15	0.040 992	9.869 015	7	**.700**	
301	9.828 031	9	9.959 023	15	0.040 977	9.869 008	7	699	
302	9.828 040	8	9.959 038	16	0.040 962	9.869 001	7	698	
303	9.828 048	8	9.959 054	15	0.040 946	9.868 994	6	697	
304	9.828 056	9	9.959 069	15	0.040 931	9.868 988	7	696	
305	9.828 065	8	9.959 084	15	0.040 916	9.868 981	7	695	
306	9.828 073	8	9.959 099	16	0.040 901	9.868 974	7	694	
307	9.828 081	9	9.959 115	15	0.040 885	9.868 967	7	693	
308	9.828 090	8	9.959 130	15	0.040 870	9.868 960	7	692	
309	9.828 098	8	9.959 145	15	0.040 855	9.868 953	7	691	
.310	9.828 106	9	9.959 160	15	0.040 840	9.868 946	7	**.690**	
311	9.828 115	8	9.959 175	16	0.040 825	9.868 939	7	689	
312	9.828 123	8	9.959 191	15	0.040 809	9.868 932	7	688	
313	9.828 131	9	9.959 206	15	0.040 794	9.868 925	7	687	
314	9.828 140	8	9.959 221	15	0.040 779	9.868 919	6	686	
315	9.828 148	8	9.959 236	16	0.040 764	9.868 912	7	685	
316	9.828 156	9	9.959 252	15	0.040 748	9.868 905	7	684	
317	9.828 165	8	9.959 267	15	0.040 733	9.868 898	7	683	
318	9.828 173	8	9.959 282	15	0.040 718	9.868 891	7	682	
319	9.828 181	9	9.959 297	16	0.040 703	9.868 884	7	681	
.320	9.828 190	8	9.959 313	15	0.040 687	9.868 877	7	**.680**	
321	9.828 198	8	9.959 328	15	0.040 672	9.868 870	7	679	
322	9.828 206	9	9.959 343	15	0.040 657	9.868 863	7	678	
323	9.828 215	8	9.959 358	15	0.040 642	9.868 856	7	677	
324	9.828 223	8	9.959 373	16	0.040 627	9.868 850	6	676	
325	9.828 231	9	9.959 389	15	0.040 611	9.868 843	7	675	
326	9.828 240	8	9.959 404	15	0.040 596	9.868 836	7	674	
327	9.828 248	8	9.959 419	15	0.040 581	9.868 829	7	673	
328	9.828 256	9	9.959 434	16	0.040 566	9.868 822	7	672	
329	9.828 265	8	9.959 450	15	0.040 550	9.868 815	7	671	
.330	9.828 273	8	9.959 465	15	0.040 535	9.868 808	7	**.670**	
331	9.828 281	9	9.959 480	15	0.040 520	9.868 801	7	669	
332	9.828 290	8	9.959 495	15	0.040 505	9.868 794	7	668	
333	9.828 298	8	9.959 510	16	0.040 490	9.868 787	6	667	
334	9.828 306	9	9.959 526	15	0.040 474	9.868 781	7	666	
335	9.828 315	8	9.959 541	15	0.040 459	9.868 774	7	665	
336	9.828 323	8	9.959 556	15	0.040 444	9.868 767	7	664	
337	9.828 331	8	9.959 571	16	0.040 429	9.868 760	7	663	
338	9.828 339	9	9.959 587	15	0.040 413	9.868 753	7	662	
339	9.828 348	8	9.959 602	15	0.040 398	9.868 746	7	661	
.340	9.828 356	8	9.959 617	15	0.040 383	9.868 739	7	**.660**	
341	9.828 364	9	9.959 632	15	0.040 368	9.868 732	7	659	
342	9.828 373	8	9.959 647	16	0.040 353	9.868 725	7	658	
343	9.828 381	8	9.959 663	15	0.040 337	9.868 718	7	657	
344	9.828 389	9	9.959 678	15	0.040 322	9.868 711	6	656	
345	9.828 398	8	9.959 693	15	0.040 307	9.868 705	7	655	
346	9.828 406	8	9.959 708	16	0.040 292	9.868 698	7	654	
347	9.828 414	9	9.959 724	15	0.040 276	9.868 691	7	653	
348	9.828 423	8	9.959 739	15	0.040 261	9.868 684	7	652	
349	9.828 431	8	9.959 754	15	0.040 246	9.868 677	7	651	
.350	9.828 439		9.959 769		0.040 231	9.868 670		**.650**	
	cos	d	cotg	d	tang	sin	d	**47°**	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	9	8
1	0.9	0.8
2	1.8	1.6
3	2.7	2.4
4	3.6	3.2
5	4.5	4.0
6	5.4	4.8
7	6.3	5.6
8	7.2	6.4
9	8.1	7.2

	7	6
1	0.7	0.6
2	1.4	1.2
3	2.1	1.8
4	2.8	2.4
5	3.5	3.0
6	4.2	3.6
7	4.9	4.2
8	5.6	4.8
9	6.3	5.4

47°.700 — 47°.650

42°.350 — 42°.400

42°	sin	d	tang	d	cotg	cos	d		P.P.
.350	9.828 439		9.959 769		0.040 231	9.868 670		**.650**	
		9		16			7		
351	9.828 448		9.959 785		0.040 215	9.868 663		649	
		8		15			7		
352	9.828 456		9.959 800		0.040 200	9.868 656		648	
		8		15			7		
353	9.828 464		9.959 815		0.040 185	9.868 649		647	
		9		15			7		
354	9.828 473		9.959 830		0.040 170	9.868 642		646	
		8		15			7		
355	9.828 481		9.959 845		0.040 155	9.868 635		645	
		8		16			6		
356	9.828 489		9.959 861		0.040 139	9.868 629		644	
		8		15			7		
357	9.828 497		9.959 876		0.040 124	9.868 622		643	
		9		15			7		
358	9.828 506		9.959 891		0.040 109	9.868 615		642	
		8		15			7		
359	9.828 514		9.959 906		0.040 094	9.868 608		641	
		8		16			7		
.360	9.828 522		9.959 922		0.040 078	9.868 601		**.640**	
		9		15			7		
361	9.828 531		9.959 937		0.040 063	9.868 594		639	
		8		15			7		
362	9.828 539		9.959 952		0.040 048	9.868 587		638	
		8		15			7		
363	9.828 547		9.959 967		0.040 033	9.868 580		637	
		9		15			7		
364	9.828 556		9.959 982		0.040 018	9.868 573		636	
		8		16			7		
365	9.828 564		9.959 998		0.040 002	9.868 566		635	
		8		15			7		
366	9.828 572		9.960 013		0.039 987	9.868 559		634	
		9		15			6		
367	9.828 581		9.960 028		0.039 972	9.868 553		633	
		8		15			7		
368	9.828 589		9.960 043		0.039 957	9.868 546		632	
		8		16			7		
369	9.828 597		9.960 059		0.039 941	9.868 539		631	
		9		15			7		
.370	9.828 606		9.960 074		0.039 926	9.868 532		**.630**	
		8		15			7		
371	9.828 614		9.960 089		0.039 911	9.868 525		629	
		8		15			7		
372	9.828 622		9.960 104		0.039 896	9.868 518		628	
		8		15			7		
373	9.828 630		9.960 119		0.039 881	9.868 511		627	
		9		16			7		
374	9.828 639		9.960 135		0.039 865	9.868 504		626	
		8		15			7		
375	9.828 647		9.960 150		0.039 850	9.868 497		625	
		8		15			7		
376	9.828 655		9.960 165		0.039 835	9.868 490		624	
		9		15			7		
377	9.828 664		9.960 180		0.039 820	9.868 483		623	
		8		16			7		
378	9.828 672		9.960 196		0.039 804	9.868 476		622	
		8		15			6		
379	9.828 680		9.960 211		0.039 789	9.868 470		621	
		9		15			7		
.380	9.828 689		9.960 226		0.039 774	9.868 463		**.620**	
		8		15			7		
381	9.828 697		9.960 241		0.039 759	9.868 456		619	
		8		15			7		
382	9.828 705		9.960 256		0.039 744	9.868 449		618	
		9		16			7		
383	9.828 714		9.960 272		0.039 728	9.868 442		617	
		8		15			7		
384	9.828 722		9.960 287		0.039 713	9.868 435		616	
		8		15			7		
385	9.828 730		9.960 302		0.039 698	9.868 428		615	
		8		15			7		
386	9.828 738		9.960 317		0.039 683	9.868 421		614	
		9		16			7		
387	9.828 747		9.960 333		0.039 667	9.868 414		613	
		8		15			7		
388	9.828 755		9.960 348		0.039 652	9.868 407		612	
		8		15			7		
389	9.828 763		9.960 363		0.039 637	9.868 400		611	
		9		15			7		
.390	9.828 772		9.960 378		0.039 622	9.868 393		**.610**	
		8		15			6		
391	9.828 780		9.960 393		0.039 607	9.868 387		609	
		8		16			7		
392	9.828 788		9.960 409		0.039 591	9.868 380		608	
		9		15			7		
393	9.828 797		9.960 424		0.039 576	9.868 373		607	
		8		15			7		
394	9.828 805		9.960 439		0.039 561	9.868 366		606	
		8		15			7		
395	9.828 813		9.960 454		0.039 546	9.868 359		605	
		8		16			7		
396	9.828 821		9.960 470		0.039 530	9.868 352		604	
		9		15			7		
397	9.828 830		9.960 485		0.039 515	9.868 345		603	
		8		15			7		
398	9.828 838		9.960 500		0.039 500	9.868 338		602	
		8		15			7		
399	9.828 846		9.960 515		0.039 485	9.868 331		601	
		9		15			7		
.400	9.828 855		9.960 530		0.039 470	9.868 324		**.600**	
	cos	d	cotg	d	tang	sin	d	**47°**	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	9	8
1	0.9	0.8
2	1.8	1.6
3	2.7	2.4
4	3.6	3.2
5	4.5	4.0
6	5.4	4.8
7	6.3	5.6
8	7.2	6.4
9	8.1	7.2

	7	6
1	0.7	0.6
2	1.4	1.2
3	2.1	1.8
4	2.8	2.4
5	3.5	3.0
6	4.2	3.6
7	4.9	4.2
8	5.6	4.8
9	6.3	5.4

47°.650 — 47°.600

42°.400 — 42°.450

42°	sin	d	tang	d	cotg	cos	d		P.P.
.400	9.828 855	8	9.960 530	16	0.039 470	9.868 324	7	.600	
401	9.828 863	8	9.960 546	15	0.039 454	9.868 317	7	599	
402	9.828 871	9	9.960 561	15	0.039 439	9.868 310	7	598	
403	9.828 880	8	9.960 576	15	0.039 424	9.868 303	6	597	
404	9.828 888	8	9.960 591	16	0.039 409	9.868 297	7	596	
405	9.828 896	8	9.960 607	15	0.039 393	9.868 290	7	595	
406	9.828 904	9	9.960 622	15	0.039 378	9.868 283	7	594	
407	9.828 913	8	9.960 637	15	0.039 363	9.868 276	7	593	
408	9.828 921	8	9.960 652	15	0.039 348	9.868 269	7	592	
409	9.828 929	9	9.960 667	16	0.039 333	9.868 262	7	591	
.410	9.828 938	8	9.960 683	15	0.039 317	9.868 255	7	.590	
411	9.828 946	8	9.960 698	15	0.039 302	9.868 248	7	589	
412	9.828 954	9	9.960 713	15	0.039 287	9.868 241	7	588	
413	9.828 963	8	9.960 728	16	0.039 272	9.868 234	7	587	
414	9.828 971	8	9.960 744	15	0.039 256	9.868 227	7	586	
415	9.828 979	8	9.960 759	15	0.039 241	9.868 220	7	585	
416	9.828 987	9	9.960 774	15	0.039 226	9.868 213	6	584	
417	9.828 996	8	9.960 789	15	0.039 211	9.868 207	7	583	
418	9.829 004	8	9.960 804	16	0.039 196	9.868 200	7	582	
419	9.829 012	9	9.960 820	15	0.039 180	9.868 193	7	581	
.420	9.829 021	8	9.960 835	15	0.039 165	9.868 186	7	.580	
421	9.829 029	8	9.960 850	15	0.039 150	9.868 179	7	579	
422	9.829 037	9	9.960 865	16	0.039 135	9.868 172	7	578	
423	9.829 046	8	9.960 881	15	0.039 119	9.868 165	7	577	
424	9.829 054	8	9.960 896	15	0.039 104	9.868 158	7	576	
425	9.829 062	8	9.960 911	15	0.039 089	9.868 151	7	575	
426	9.829 070	9	9.960 926	15	0.039 074	9.868 144	7	574	
427	9.829 079	8	9.960 941	16	0.039 059	9.868 137	7	573	
428	9.829 087	8	9.960 957	15	0.039 043	9.868 130	7	572	
429	9.829 095	9	9.960 972	15	0.039 028	9.868 123	7	571	
.430	9.829 104	8	9.960 987	15	0.039 013	9.868 116	6	.570	
431	9.829 112	8	9.961 002	16	0.038 998	9.868 110	7	569	
432	9.829 120	8	9.961 018	15	0.038 982	9.868 103	7	568	
433	9.829 128	9	9.961 033	15	0.038 967	9.868 096	7	567	
434	9.829 137	8	9.961 048	15	0.038 952	9.868 089	7	566	
435	9.829 145	8	9.961 063	15	0.038 937	9.868 082	7	565	
436	9.829 153	9	9.961 078	16	0.038 922	9.868 075	7	564	
437	9.829 162	8	9.961 094	15	0.038 906	9.868 068	7	563	
438	9.829 170	8	9.961 109	15	0.038 891	9.868 061	7	562	
439	9.829 178	9	9.961 124	15	0.038 876	9.868 054	7	561	
.440	9.829 187	8	9.961 139	16	0.038 861	9.868 047	7	.560	
441	9.829 195	8	9.961 155	15	0.038 845	9.868 040	7	559	
442	9.829 203	8	9.961 170	15	0.038 830	9.868 033	7	558	
443	9.829 211	9	9.961 185	15	0.038 815	9.868 026	7	557	
444	9.829 220	8	9.961 200	15	0.038 800	9.868 019	6	556	
445	9.829 228	8	9.961 215	16	0.038 785	9.868 013	7	555	
446	9.829 236	9	9.961 231	15	0.038 769	9.868 006	7	554	
447	9.829 245	8	9.961 246	15	0.038 754	9.867 999	7	553	
448	9.829 253	8	9.961 261	15	0.038 739	9.867 992	7	552	
449	9.829 261	8	9.961 276	16	0.038 724	9.867 985	7	551	
.450	9.829 269		9.961 292		0.038 708	9.867 978		.550	
	cos	d	cotg	d	tang	sin	d	47°	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	9	8
1	0.9	0.8
2	1.8	1.6
3	2.7	2.4
4	3.6	3.2
5	4.5	4.0
6	5.4	4.8
7	6.3	5.6
8	7.2	6.4
9	8.1	7.2

	7	6
1	0.7	0.6
2	1.4	1.2
3	2.1	1.8
4	2.8	2.4
5	3.5	3.0
6	4.2	3.6
7	4.9	4.2
8	5.6	4.8
9	6.3	5.4

47°.600 — 47°.550

42°.450 — 42°.500

42°	sin	d	tang	d	cotg	cos	d		P.P.
.450	9.829 269		9.961 292		0.038 708	9.867 978		**.550**	
		9		15			7		
451	9.829 278		9.961 307		0.038 693	9.867 971		549	
		8		15			7		
452	9.829 286		9.961 322		0.038 678	9.867 964		548	
		8		15			7		
453	9.829 294		9.961 337		0.038 663	9.867 957		547	
		9		15			7		
454	9.829 303		9.961 352		0.038 648	9.867 950		546	
		8		16			7		
455	9.829 311		9.961 368		0.038 632	9.867 943		545	
		8		15			7		
456	9.829 319		9.961 383		0.038 617	9.867 936		544	
		8		15			7		
457	9.829 327		9.961 398		0.038 602	9.867 929		543	
		9		15			7		
458	9.829 336		9.961 413		0.038 587	9.867 922		542	
		8		15			7		
459	9.829 344		9.961 428		0.038 572	9.867 915		541	
		8		16			6		
.460	9.829 352		9.961 444		0.038 556	9.867 909		**.540**	
		9		15			7		
461	9.829 361		9.961 459		0.038 541	9.867 902		539	
		8		15			7		
462	9.829 369		9.961 474		0.038 526	9.867 895		538	
		8		15			7		
463	9.829 377		9.961 489		0.038 511	9.867 888		537	
		8		16			7		
464	9.829 385		9.961 505		0.038 495	9.867 881		536	
		9		15			7		
465	9.829 394		9.961 520		0.038 480	9.867 874		535	
		8		15			7		
466	9.829 402		9.961 535		0.038 465	9.867 867		534	
		8		15			7		
467	9.829 410		9.961 550		0.038 450	9.867 860		533	
		8		15			7		
468	9.829 418		9.961 565		0.038 435	9.867 853		532	
		9		16			7		
469	9.829 427		9.961 581		0.038 419	9.867 846		531	
		8		15			7		
.470	9.829 435		9.961 596		0.038 404	9.867 839		**.530**	
		8		15			7		
471	9.829 443		9.961 611		0.038 389	9.867 832		529	
		9		15			7		
472	9.829 452		9.961 626		0.038 374	9.867 825		528	
		8		16			7		
473	9.829 460		9.961 642		0.038 358	9.867 818		527	
		8		15			7		
474	9.829 468		9.961 657		0.038 343	9.867 811		526	
		8		15			7		
475	9.829 476		9.961 672		0.038 328	9.867 804		525	
		9		15			6		
476	9.829 485		9.961 687		0.038 313	9.867 798		524	
		8		15			7		
477	9.829 493		9.961 702		0.038 298	9.867 791		523	
		8		16			7		
478	9.829 501		9.961 718		0.038 282	9.867 784		522	
		9		15			7		
479	9.829 510		9.961 733		0.038 267	9.867 777		521	
		8		15			7		
.480	9.829 518		9.961 748		0.038 252	9.867 770		**.520**	
		8		15			7		
481	9.829 526		9.961 763		0.038 237	9.867 763		519	
		8		16			7		
482	9.829 534		9.961 779		0.038 221	9.867 756		518	
		9		15			7		
483	9.829 543		9.961 794		0.038 206	9.867 749		517	
		8		15			7		
484	9.829 551		9.961 809		0.038 191	9.867 742		516	
		8		15			7		
485	9.829 559		9.961 824		0.038 176	9.867 735		515	
		9		15			7		
486	9.829 568		9.961 839		0.038 161	9.867 728		514	
		8		16			7		
487	9.829 576		9.961 855		0.038 145	9.867 721		513	
		8		15			7		
488	9.829 584		9.961 870		0.038 130	9.867 714		512	
		8		15			7		
489	9.829 592		9.961 885		0.038 115	9.867 707		511	
		9		15			7		
.490	9.829 601		9.961 900		0.038 100	9.867 700		**.510**	
		8		16			7		
491	9.829 609		9.961 916		0.038 084	9.867 693		509	
		8		15			7		
492	9.829 617		9.961 931		0.038 069	9.867 686		508	
		8		15			7		
493	9.829 625		9.961 946		0.038 054	9.867 679		507	
		9		15			6		
494	9.829 634		9.961 961		0.038 039	9.867 673		506	
		8		15			7		
495	9.829 642		9.961 976		0.038 024	9.867 666		505	
		8		16			7		
496	9.829 650		9.961 992		0.038 008	9.867 659		504	
		9		15			7		
497	9.829 659		9.962 007		0.037 993	9.867 652		503	
		8		15			7		
498	9.829 667		9.962 022		0.037 978	9.867 645		502	
		8		15			7		
499	9.829 675		9.962 037		0.037 963	9.867 638		501	
		8		15			7		
.500	9.829 683		9.962 052		0.037 948	9.867 631		**.500**	
	cos	d	cotg	d	tang	sin	d	**47°**	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	9	8
1	0.9	0.8
2	1.8	1.6
3	2.7	2.4
4	3.6	3.2
5	4.5	4.0
6	5.4	4.8
7	6.3	5.6
8	7.2	6.4
9	8.1	7.2

	7	6
1	0.7	0.6
2	1.4	1.2
3	2.1	1.8
4	2.8	2.4
5	3.5	3.0
6	4.2	3.6
7	4.9	4.2
8	5.6	4.8
9	6.3	5.4

47°.550 — 47°.500

42°.500 — 42°.550

42°	sin	d	tang	d	cotg	cos	d		P.P.
.500	9.829 683		9.962 052		0.037 948	9.867 631		.500	
		9		16			7		
501	9.829 692		9.962 068		0.037 932	9.867 624		499	
		8		15			7		
502	9.829 700		9.962 083		0.037 917	9.867 617		498	
		8		15			7		
503	9.829 708		9.962 098		0.037 902	9.867 610		497	
		8		15			7		
504	9.829 716		9.962 113		0.037 887	9.867 603		496	
		9		16			7		
505	9.829 725		9.962 129		0.037 871	9.867 596		495	
		8		15			7		
506	9.829 733		9.962 144		0.037 856	9.867 589		494	
		8		15			7		
507	9.829 741		9.962 159		0.037 841	9.867 582		493	
		9		15			7		
508	9.829 750		9.962 174		0.037 826	9.867 575		492	
		8		15			7		
509	9.829 758		9.962 189		0.037 811	9.867 568		491	
		8		16			7		
.510	9.829 766		9.962 205		0.037 795	9.867 561		.490	
		8		15			7		
511	9.829 774		9.962 220		0.037 780	9.867 554		489	
		9		15			6		
512	9.829 783		9.962 235		0.037 765	9.867 548		488	
		8		15			7		
513	9.829 791		9.962 250		0.037 750	9.867 541		487	
		8		16			7		
514	9.829 799		9.962 266		0.037 734	9.867 534		486	
		8		15			7		
515	9.829 807		9.962 281		0.037 719	9.867 527		485	
		9		15			7		
516	9.829 816		9.962 296		0.037 704	9.867 520		484	
		8		15			7		
517	9.829 824		9.962 311		0.037 689	9.867 513		483	
		8		15			7		
518	9.829 832		9.962 326		0.037 674	9.867 506		482	
		8		16			7		
519	9.829 840		9.962 342		0.037 658	9.867 499		481	
		9		15			7		
.520	9.829 849		9.962 357		0.037 643	9.867 492		.480	
		8		15			7		
521	9.829 857		9.962 372		0.037 628	9.867 485		479	
		8		15			7		
522	9.829 865		9.962 387		0.037 613	9.867 478		478	
		9		15			7		
523	9.829 874		9.962 402		0.037 598	9.867 471		477	
		8		16			7		
524	9.829 882		9.962 418		0.037 582	9.867 464		476	
		8		15			7		
525	9.829 890		9.962 433		0.037 567	9.867 457		475	
		8		15			7		
526	9.829 898		9.962 448		0.037 552	9.867 450		474	
		9		15			7		
527	9.829 907		9.962 463		0.037 537	9.867 443		473	
		8		16			7		
528	9.829 915		9.962 479		0.037 521	9.867 436		472	
		8		15			7		
529	9.829 923		9.962 494		0.037 506	9.867 429		471	
		8		15			7		
.530	9.829 931		9.962 509		0.037 491	9.867 422		.470	
		9		15			7		
531	9.829 940		9.962 524		0.037 476	9.867 415		469	
		8		15			7		
532	9.829 948		9.962 539		0.037 461	9.867 408		468	
		8		16			6		
533	9.829 956		9.962 555		0.037 445	9.867 402		467	
		8		15			7		
534	9.829 964		9.962 570		0.037 430	9.867 395		466	
		9		15			7		
535	9.829 973		9.962 585		0.037 415	9.867 388		465	
		8		15			7		
536	9.829 981		9.962 600		0.037 400	9.867 381		464	
		8		15			7		
537	9.829 989		9.962 615		0.037 385	9.867 374		463	
		8		16			7		
538	9.829 997		9.962 631		0.037 369	9.867 367		462	
		9		15			7		
539	9.830 006		9.962 646		0.037 354	9.867 360		461	
		8		15			7		
.540	9.830 014		9.962 661		0.037 339	9.867 353		.460	
		8		15			7		
541	9.830 022		9.962 676		0.037 324	9.867 346		459	
		9		16			7		
542	9.830 031		9.962 692		0.037 308	9.867 339		458	
		8		15			7		
543	9.830 039		9.962 707		0.037 293	9.867 332		457	
		8		15			7		
544	9.830 047		9.962 722		0.037 278	9.867 325		456	
		8		15			7		
545	9.830 055		9.962 737		0.037 263	9.867 318		455	
		9		15			7		
546	9.830 064		9.962 752		0.037 248	9.867 311		454	
		8		16			7		
547	9.830 072		9.962 768		0.037 232	9.867 304		453	
		8		15			7		
548	9.830 080		9.962 783		0.037 217	9.867 297		452	
		8		15			7		
549	9.830 088		9.962 798		0.037 202	9.867 290		451	
		9		15			7		
.550	9.830 097		9.962 813		0.037 187	9.867 283		.450	
	cos	d	cotg	d	tang	sin	d	47°	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	9	8
1	0.9	0.8
2	1.8	1.6
3	2.7	2.4
4	3.6	3.2
5	4.5	4.0
6	5.4	4.8
7	6.3	5.6
8	7.2	6.4
9	8.1	7.2

	7	6
1	0.7	0.6
2	1.4	1.2
3	2.1	1.8
4	2.8	2.4
5	3.5	3.0
6	4.2	3.6
7	4.9	4.2
8	5.6	4.8
9	6.3	5.4

47°.500 — 47°.450

42°.550 — 42°.600

42°	sin	d	tang	d	cotg	cos	d		P.P.
.550	9.830 097	8	9.962 813	16	0.037 187	9.867 283	7	.450	
551	9.830 105	8	9.962 829	15	0.037 171	9.867 276	7	449	
552	9.830 113	8	9.962 844	15	0.037 156	9.867 269	7	448	
553	9.830 121	9	9.962 859	15	0.037 141	9.867 262	7	447	
554	9.830 130	8	9.962 874	15	0.037 126	9.867 255	6	446	
555	9.830 138	8	9.962 889	16	0.037 111	9.867 249	7	445	
556	9.830 146	8	9.962 905	15	0.037 095	9.867 242	7	444	
557	9.830 154	9	9.962 920	15	0.037 080	9.867 235	7	443	
558	9.830 163	8	9.962 935	15	0.037 065	9.867 228	7	442	
559	9.830 171	8	9.962 950	15	0.037 050	9.867 221	7	441	
.560	9.830 179	8	9.962 965	16	0.037 035	9.867 214	7	.440	
561	9.830 187	9	9.962 981	15	0.037 019	9.867 207	7	439	
562	9.830 196	8	9.962 996	15	0.037 004	9.867 200	7	438	
563	9.830 204	8	9.963 011	15	0.036 989	9.867 193	7	437	
564	9.830 212	8	9.963 026	16	0.036 974	9.867 186	7	436	
565	9.830 220	9	9.963 042	15	0.036 958	9.867 179	7	435	
566	9.830 229	8	9.963 057	15	0.036 943	9.867 172	7	434	
567	9.830 237	8	9.963 072	15	0.036 928	9.867 165	7	433	
568	9.830 245	8	9.963 087	15	0.036 913	9.867 158	7	432	
569	9.830 253	9	9.963 102	16	0.036 898	9.867 151	7	431	
.570	9.830 262	8	9.963 118	15	0.036 882	9.867 144	7	.430	
571	9.830 270	8	9.963 133	15	0.036 867	9.867 137	7	429	
572	9.830 278	8	9.963 148	15	0.036 852	9.867 130	7	428	
573	9.830 286	9	9.963 163	15	0.036 837	9.867 123	7	427	
574	9.830 295	8	9.963 178	16	0.036 822	9.867 116	7	426	
575	9.830 303	8	9.963 194	15	0.036 806	9.867 109	7	425	
576	9.830 311	8	9.963 209	15	0.036 791	9.867 102	7	424	
577	9.830 319	9	9.963 224	15	0.036 776	9.867 095	7	423	
578	9.830 328	8	9.963 239	16	0.036 761	9.867 088	7	422	
579	9.830 336	8	9.963 255	15	0.036 745	9.867 081	7	421	
.580	9.830 344	8	9.963 270	15	0.036 730	9.867 074	7	.420	
581	9.830 352	9	9.963 285	15	0.036 715	9.867 067	6	419	
582	9.830 361	8	9.963 300	15	0.036 700	9.867 061	7	418	
583	9.830 369	8	9.963 315	16	0.036 685	9.867 054	7	417	
584	9.830 377	8	9.963 331	15	0.036 669	9.867 047	7	416	
585	9.830 385	9	9.963 346	15	0.036 654	9.867 040	7	415	
586	9.830 394	8	9.963 361	15	0.036 639	9.867 033	7	414	
587	9.830 402	8	9.963 376	15	0.036 624	9.867 026	7	413	
588	9.830 410	8	9.963 391	16	0.036 609	9.867 019	7	412	
589	9.830 418	9	9.963 407	15	0.036 593	9.867 012	7	411	
.590	9.830 427	8	9.963 422	15	0.036 578	9.867 005	7	.410	
591	9.830 435	8	9.963 437	15	0.036 563	9.866 998	7	409	
592	9.830 443	8	9.963 452	16	0.036 548	9.866 991	7	408	
593	9.830 451	9	9.963 468	15	0.036 532	9.866 984	7	407	
594	9.830 460	8	9.963 483	15	0.036 517	9.866 977	7	406	
595	9.830 468	8	9.963 498	15	0.036 502	9.866 970	7	405	
596	9.830 476	8	9.963 513	15	0.036 487	9.866 963	7	404	
597	9.830 484	9	9.963 528	16	0.036 472	9.866 956	7	403	
598	9.830 493	8	9.963 544	15	0.036 456	9.866 949	7	402	
599	9.830 501	8	9.963 559	15	0.036 441	9.866 942	7	401	
.600	9.830 509		9.963 574		0.036 426	9.866 935		.400	
	cos	d	cotg	d	tang	sin	d	47°	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
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7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	9	8
1	0.9	0.8
2	1.8	1.6
3	2.7	2.4
4	3.6	3.2
5	4.5	4.0
6	5.4	4.8
7	6.3	5.6
8	7.2	6.4
9	8.1	7.2

	7	6
1	0.7	0.6
2	1.4	1.2
3	2.1	1.8
4	2.8	2.4
5	3.5	3.0
6	4.2	3.6
7	4.9	4.2
8	5.6	4.8
9	6.3	5.4

47°.450 — 47°.400

42°.600 — 42°.650

42°	sin	d	tang	d	cotg	cos	d		P.P.
.600	9.830 509	8	9.963 574	15	0.036 426	9.866 935	7	**.400**	
601	9.830 517	9	9.963 589	15	0.036 411	9.866 928	7	399	
602	9.830 526	8	9.963 604	16	0.036 396	9.866 921	7	398	
603	9.830 534	8	9.963 620	15	0.036 380	9.866 914	7	397	
604	9.830 542	8	9.963 635	15	0.036 365	9.866 907	7	396	
605	9.830 550	9	9.963 650	15	0.036 350	9.866 900	7	395	
606	9.830 559	8	9.963 665	15	0.036 335	9.866 893	7	394	
607	9.830 567	8	9.963 680	16	0.036 320	9.866 886	7	393	
608	9.830 575	8	9.963 696	15	0.036 304	9.866 879	7	392	
609	9.830 583	9	9.963 711	15	0.036 289	9.866 872	7	391	
.610	9.830 592	8	9.963 726	15	0.036 274	9.866 865	7	**.390**	
611	9.830 600	8	9.963 741	16	0.036 259	9.866 858	7	389	
612	9.830 608	8	9.963 757	15	0.036 243	9.866 851	7	388	
613	9.830 616	8	9.963 772	15	0.036 228	9.866 844	7	387	
614	9.830 624	9	9.963 787	15	0.036 213	9.866 837	6	386	
615	9.830 633	8	9.963 802	15	0.036 198	9.866 831	7	385	
616	9.830 641	8	9.963 817	16	0.036 183	9.866 824	7	384	
617	9.830 649	8	9.963 833	15	0.036 167	9.866 817	7	383	
618	9.830 657	9	9.963 848	15	0.036 152	9.866 810	7	382	
619	9.830 666	8	9.963 863	15	0.036 137	9.866 803	7	381	
.620	9.830 674	8	9.963 878	15	0.036 122	9.866 796	7	**.380**	
621	9.830 682	8	9.963 893	16	0.036 107	9.866 789	7	379	
622	9.830 690	9	9.963 909	15	0.036 091	9.866 782	7	378	
623	9.830 699	8	9.963 924	15	0.036 076	9.866 775	7	377	
624	9.830 707	8	9.963 939	15	0.036 061	9.866 768	7	376	
625	9.830 715	8	9.963 954	16	0.036 046	9.866 761	7	375	
626	9.830 723	9	9.963 970	15	0.036 030	9.866 754	7	374	
627	9.830 732	8	9.963 985	15	0.036 015	9.866 747	7	373	
628	9.830 740	8	9.964 000	15	0.036 000	9.866 740	7	372	
629	9.830 748	8	9.964 015	15	0.035 985	9.866 733	7	371	
.630	9.830 756	8	9.964 030	16	0.035 970	9.866 726	7	**.370**	
631	9.830 764	9	9.964 046	15	0.035 954	9.866 719	7	369	
632	9.830 773	8	9.964 061	15	0.035 939	9.866 712	7	368	
633	9.830 781	8	9.964 076	15	0.035 924	9.866 705	7	367	
634	9.830 789	8	9.964 091	15	0.035 909	9.866 698	7	366	
635	9.830 797	9	9.964 106	16	0.035 894	9.866 691	7	365	
636	9.830 806	8	9.964 122	15	0.035 878	9.866 684	7	364	
637	9.830 814	8	9.964 137	15	0.035 863	9.866 677	7	363	
638	9.830 822	8	9.964 152	15	0.035 848	9.866 670	7	362	
639	9.830 830	9	9.964 167	15	0.035 833	9.866 663	7	361	
.640	9.830 839	8	9.964 182	16	0.035 818	9.866 656	7	**.360**	
641	9.830 847	8	9.964 198	15	0.035 802	9.866 649	7	359	
642	9.830 855	8	9.964 213	15	0.035 787	9.866 642	7	358	
643	9.830 863	9	9.964 228	15	0.035 772	9.866 635	7	357	
644	9.830 872	8	9.964 243	16	0.035 757	9.866 628	7	356	
645	9.830 880	8	9.964 259	15	0.035 741	9.866 621	7	355	
646	9.830 888	8	9.964 274	15	0.035 726	9.866 614	7	354	
647	9.830 896	8	9.964 289	15	0.035 711	9.866 607	7	353	
648	9.830 904	9	9.964 304	15	0.035 696	9.866 600	7	352	
649	9.830 913	8	9.964 319	16	0.035 681	9.866 593	7	351	
.650	9.830 921		9.964 335		0.035 665	9.866 586		**.350**	
	cos	d	cotg	d	tang	sin	d	**47°**	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	9	8
1	0.9	0.8
2	1.8	1.6
3	2.7	2.4
4	3.6	3.2
5	4.5	4.0
6	5.4	4.8
7	6.3	5.6
8	7.2	6.4
9	8.1	7.2

	7	6
1	0.7	0.6
2	1.4	1.2
3	2.1	1.8
4	2.8	2.4
5	3.5	3.0
6	4.2	3.6
7	4.9	4.2
8	5.6	4.8
9	6.3	5.4

47°.400 — 47°.350

42°.650 — 42°.700

42°	sin	d	tang	d	cotg	cos	d		P.P.
.650	9.830 921	8	9.964 335	15	0.035 665	9.866 586	7	**.350**	
651	9.830 929	8	9.964 350	15	0.035 650	9.866 579	7	349	
652	9.830 937	9	9.964 365	15	0.035 635	9.866 572	7	348	
653	9.830 946	8	9.964 380	15	0.035 620	9.866 565	7	347	
654	9.830 954	8	9.964 395	16	0.035 605	9.866 558	7	346	
655	9.830 962	8	9.964 411	15	0.035 589	9.866 551	7	345	
656	9.830 970	8	9.964 426	15	0.035 574	9.866 544	7	344	
657	9.830 978	9	9.964 441	15	0.035 559	9.866 537	7	343	
658	9.830 987	8	9.964 456	15	0.035 544	9.866 530	7	342	
659	9.830 995	8	9.964 471	16	0.035 529	9.866 523	7	341	
.660	9.831 003	8	9.964 487	15	0.035 513	9.866 516	7	**.340**	
661	9.831 011	9	9.964 502	15	0.035 498	9.866 509	7	339	
662	9.831 020	8	9.964 517	15	0.035 483	9.866 502	6	338	
663	9.831 028	8	9.964 532	16	0.035 468	9.866 496	7	337	
664	9.831 036	8	9.964 548	15	0.035 452	9.866 489	7	336	
665	9.831 044	9	9.964 563	15	0.035 437	9.866 482	7	335	
666	9.831 053	8	9.964 578	15	0.035 422	9.866 475	7	334	
667	9.831 061	8	9.964 593	15	0.035 407	9.866 468	7	333	
668	9.831 069	8	9.964 608	16	0.035 392	9.866 461	7	332	
669	9.831 077	8	9.964 624	15	0.035 376	9.866 454	7	331	
.670	9.831 085	9	9.964 639	15	0.035 361	9.866 447	7	**.330**	
671	9.831 094	8	9.964 654	15	0.035 346	9.866 440	7	329	
672	9.831 102	8	9.964 669	15	0.035 331	9.866 433	7	328	
673	9.831 110	8	9.964 684	16	0.035 316	9.866 426	7	327	
674	9.831 118	9	9.964 700	15	0.035 300	9.866 419	7	326	
675	9.831 127	8	9.964 715	15	0.035 285	9.866 412	7	325	
676	9.831 135	8	9.964 730	15	0.035 270	9.866 405	7	324	
677	9.831 143	8	9.964 745	15	0.035 255	9.866 398	7	323	
678	9.831 151	8	9.964 760	16	0.035 240	9.866 391	7	322	
679	9.831 159	9	9.964 776	15	0.035 224	9.866 384	7	321	
.680	9.831 168	8	9.964 791	15	0.035 209	9.866 377	7	**.320**	
681	9.831 176	8	9.964 806	15	0.035 194	9.866 370	7	319	
682	9.831 184	8	9.964 821	16	0.035 179	9.866 363	7	318	
683	9.831 192	8	9.964 837	15	0.035 163	9.866 356	7	317	
684	9.831 200	9	9.964 852	15	0.035 148	9.866 349	7	316	
685	9.831 209	8	9.964 867	15	0.035 133	9.866 342	7	315	
686	9.831 217	8	9.964 882	15	0.035 118	9.866 335	7	314	
687	9.831 225	8	9.964 897	16	0.035 103	9.866 328	7	313	
688	9.831 233	9	9.964 913	15	0.035 087	9.866 321	7	312	
689	9.831 242	8	9.964 928	15	0.035 072	9.866 314	7	311	
.690	9.831 250	8	9.964 943	15	0.035 057	9.866 307	7	**.310**	
691	9.831 258	8	9.964 958	15	0.035 042	9.866 300	7	309	
692	9.831 266	8	9.964 973	16	0.035 027	9.866 293	7	308	
693	9.831 274	9	9.964 989	15	0.035 011	9.866 286	7	307	
694	9.831 283	8	9.965 004	15	0.034 996	9.866 279	7	306	
695	9.831 291	8	9.965 019	15	0.034 981	9.866 272	7	305	
696	9.831 299	8	9.965 034	15	0.034 966	9.866 265	7	304	
697	9.831 307	9	9.965 049	16	0.034 951	9.866 258	7	303	
698	9.831 316	8	9.965 065	15	0.034 935	9.866 251	7	302	
699	9.831 324	8	9.965 080	15	0.034 920	9.866 244	7	301	
.700	9.831 332		9.965 095		0.034 905	9.866 237		**.300**	
	cos	d	cotg	d	tang	sin	d	47°	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	9	8
1	0.9	0.8
2	1.8	1.6
3	2.7	2.4
4	3.6	3.2
5	4.5	4.0
6	5.4	4.8
7	6.3	5.6
8	7.2	6.4
9	8.1	7.2

	7	6
1	0.7	0.6
2	1.4	1.2
3	2.1	1.8
4	2.8	2.4
5	3.5	3.0
6	4.2	3.6
7	4.9	4.2
8	5.6	4.8
9	6.3	5.4

47°.350 — 47°.300

42°.700 — 42°.750

42°	sin	d	tang	d	cotg	cos	d		P.P.
.700	9.831 332	8	9.965 095	15	0.034 905	9.866 237	7	.300	
701	9.831 340	8	9.965 110	16	0.034 890	9.866 230	7	299	
702	9.831 348	9	9.965 126	15	0.034 874	9.866 223	7	298	
703	9.831 357	8	9.965 141	15	0.034 859	9.866 216	7	297	
704	9.831 365	8	9.965 156	15	0.034 844	9.866 209	7	296	
705	9.831 373	8	9.965 171	15	0.034 829	9.866 202	7	295	
706	9.831 381	8	9.965 186	16	0.034 814	9.866 195	7	294	
707	9.831 389	9	9.965 202	15	0.034 798	9.866 188	7	293	
708	9.831 398	8	9.965 217	15	0.034 783	9.866 181	7	292	
709	9.831 406	8	9.965 232	15	0.034 768	9.866 174	7	291	
.710	9.831 414	8	9.965 247	15	0.034 753	9.866 167	7	.290	
711	9.831 422	9	9.965 262	16	0.034 738	9.866 160	7	289	
712	9.831 431	8	9.965 278	15	0.034 722	9.866 153	7	288	
713	9.831 439	8	9.965 293	15	0.034 707	9.866 146	7	287	
714	9.831 447	8	9.965 308	15	0.034 692	9.866 139	7	286	
715	9.831 455	8	9.965 323	15	0.034 677	9.866 132	7	285	
716	9.831 463	9	9.965 338	16	0.034 662	9.866 125	7	284	
717	9.831 472	8	9.965 354	15	0.034 646	9.866 118	7	283	
718	9.831 480	8	9.965 369	15	0.034 631	9.866 111	7	282	
719	9.831 488	8	9.965 384	15	0.034 616	9.866 104	7	281	
.720	9.831 496	8	9.965 399	15	0.034 601	9.866 097	7	.280	
721	9.831 504	9	9.965 414	16	0.034 586	9.866 090	7	279	
722	9.831 513	8	9.965 430	15	0.034 570	9.866 083	7	278	
723	9.831 521	8	9.965 445	15	0.034 555	9.866 076	7	277	
724	9.831 529	8	9.965 460	15	0.034 540	9.866 069	7	276	
725	9.831 537	8	9.965 475	15	0.034 525	9.866 062	7	275	
726	9.831 545	9	9.965 490	16	0.034 510	9.866 055	7	274	
727	9.831 554	8	9.965 506	15	0.034 494	9.866 048	7	273	
728	9.831 562	8	9.965 521	15	0.034 479	9.866 041	7	272	
729	9.831 570	8	9.965 536	15	0.034 464	9.866 034	7	271	
.730	9.831 578	8	9.965 551	16	0.034 449	9.866 027	7	.270	
731	9.831 586	9	9.965 567	15	0.034 433	9.866 020	7	269	
732	9.831 595	8	9.965 582	15	0.034 418	9.866 013	7	268	
733	9.831 603	8	9.965 597	15	0.034 403	9.866 006	7	267	
734	9.831 611	8	9.965 612	15	0.034 388	9.865 999	7	266	
735	9.831 619	8	9.965 627	16	0.034 373	9.865 992	7	265	
736	9.831 627	9	9.965 643	15	0.034 357	9.865 985	7	264	
737	9.831 636	8	9.965 658	15	0.034 342	9.865 978	7	263	
738	9.831 644	8	9.965 673	15	0.034 327	9.865 971	7	262	
739	9.831 652	8	9.965 688	15	0.034 312	9.865 964	7	261	
.740	9.831 660	9	9.965 703	16	0.034 297	9.865 957	7	.260	
741	9.831 669	8	9.965 719	15	0.034 281	9.865 950	7	259	
742	9.831 677	8	9.965 734	15	0.034 266	9.865 943	7	258	
743	9.831 685	8	9.965 749	15	0.034 251	9.865 936	7	257	
744	9.831 693	8	9.965 764	15	0.034 236	9.865 929	7	256	
745	9.831 701	9	9.965 779	16	0.034 221	9.865 922	7	255	
746	9.831 710	8	9.965 795	15	0.034 205	9.865 915	7	254	
747	9.831 718	8	9.965 810	15	0.034 190	9.865 908	7	253	
748	9.831 726	8	9.965 825	15	0.034 175	9.865 901	7	252	
749	9.831 734	8	9.965 840	15	0.034 160	9.865 894	7	251	
.750	9.831 742		9.965 855		0.034 145	9.865 887		.250	
	cos	d	cotg	d	tang	sin	d	47°	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	9	8
1	0.9	0.8
2	1.8	1.6
3	2.7	2.4
4	3.6	3.2
5	4.5	4.0
6	5.4	4.8
7	6.3	5.6
8	7.2	6.4
9	8.1	7.2

	7
1	0.7
2	1.4
3	2.1
4	2.8
5	3.5
6	4.2
7	4.9
8	5.6
9	6.3

47°.300 — 47°.250

42°.750 — 42°.800

42°	sin	d	tang	d	cotg	cos	d		P.P.
.750	9.831 742		9.965 855		0.034 145	9.865 887		**.250**	
		9		16			7		
751	9.831 751		9.965 871		0.034 129	9.865 880		249	
		8		15			7		
752	9.831 759		9.965 886		0.034 114	9.865 873		248	
		8		15			7		
753	9.831 767		9.965 901		0.034 099	9.865 866		247	
		8		15			7		
754	9.831 775		9.965 916		0.034 084	9.865 859		246	
		8		16			7		
755	9.831 783		9.965 932		0.034 068	9.865 852		245	
		9		15			7		
756	9.831 792		9.965 947		0.034 053	9.865 845		244	
		8		15			7		
757	9.831 800		9.965 962		0.034 038	9.865 838		243	
		8		15			7		
758	9.831 808		9.965 977		0.034 023	9.865 831		242	
		8		15			7		
759	9.831 816		9.965 992		0.034 008	9.865 824		241	
		8		16			7		
.760	9.831 824		9.966 008		0.033 992	9.865 817		**.240**	
		8		15			7		
761	9.831 832		9.966 023		0.033 977	9.865 810		239	
		9		15			7		
762	9.831 841		9.966 038		0.033 962	9.865 803		238	
		8		15			7		
763	9.831 849		9.966 053		0.033 947	9.865 796		237	
		8		15			7		
764	9.831 857		9.966 068		0.033 932	9.865 789		236	
		8		16			7		
765	9.831 865		9.966 084		0.033 916	9.865 782		235	
		8		15			7		
766	9.831 873		9.966 099		0.033 901	9.865 775		234	
		9		15			7		
767	9.831 882		9.966 114		0.033 886	9.865 768		233	
		8		15			7		
768	9.831 890		9.966 129		0.033 871	9.865 761		232	
		8		15			7		
769	9.831 898		9.966 144		0.033 856	9.865 754		231	
		8		16			7		
.770	9.831 906		9.966 160		0.033 840	9.865 747		**.230**	
		8		15			7		
771	9.831 914		9.966 175		0.033 825	9.865 740		229	
		9		15			7		
772	9.831 923		9.966 190		0.033 810	9.865 733		228	
		8		15			7		
773	9.831 931		9.966 205		0.033 795	9.865 726		227	
		8		15			7		
774	9.831 939		9.966 220		0.033 780	9.865 719		226	
		8		16			7		
775	9.831 947		9.966 236		0.033 764	9.865 712		225	
		8		15			7		
776	9.831 955		9.966 251		0.033 749	9.865 705		224	
		9		15			7		
777	9.831 964		9.966 266		0.033 734	9.865 698		223	
		8		15			7		
778	9.831 972		9.966 281		0.033 719	9.865 691		222	
		8		15			7		
779	9.831 980		9.966 296		0.033 704	9.865 684		221	
		8		16			7		
.780	9.831 988		9.966 312		0.033 688	9.865 677		**.220**	
		8		15			7		
781	9.831 996		9.966 327		0.033 673	9.865 670		219	
		9		15			8		
782	9.832 005		9.966 342		0.033 658	9.865 662		218	
		8		15			7		
783	9.832 013		9.966 357		0.033 643	9.865 655		217	
		8		15			7		
784	9.832 021		9.966 372		0.033 628	9.865 648		216	
		8		16			7		
785	9.832 029		9.966 388		0.033 612	9.865 641		215	
		8		15			7		
786	9.832 037		9.966 403		0.033 597	9.865 634		214	
		9		15			7		
787	9.832 046		9.966 418		0.033 582	9.865 627		213	
		8		15			7		
788	9.832 054		9.966 433		0.033 567	9.865 620		212	
		8		15			7		
789	9.832 062		9.966 448		0.033 552	9.865 613		211	
		8		16			7		
.790	9.832 070		9.966 464		0.033 536	9.865 606		**.210**	
		8		15			7		
791	9.832 078		9.966 479		0.033 521	9.865 599		209	
		8		15			7		
792	9.832 086		9.966 494		0.033 506	9.865 592		208	
		9		15			7		
793	9.832 095		9.966 509		0.033 491	9.865 585		207	
		8		16			7		
794	9.832 103		9.966 525		0.033 475	9.865 578		206	
		8		15			7		
795	9.832 111		9.966 540		0.033 460	9.865 571		205	
		8		15			7		
796	9.832 119		9.966 555		0.033 445	9.865 564		204	
		8		15			7		
797	9.832 127		9.966 570		0.033 430	9.865 557		203	
		9		15			7		
798	9.832 136		9.966 585		0.033 415	9.865 550		202	
		8		16			7		
799	9.832 144		9.966 601		0.033 399	9.865 543		201	
		8		15			7		
.800	9.832 152		9.966 616		0.033 384	9.865 536		**.200**	
	cos	d	cotg	d	tang	sin	d	**47°**	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	9	8
1	0.9	0.8
2	1.8	1.6
3	2.7	2.4
4	3.6	3.2
5	4.5	4.0
6	5.4	4.8
7	6.3	5.6
8	7.2	6.4
9	8.1	7.2

	7
1	0.7
2	1.4
3	2.1
4	2.8
5	3.5
6	4.2
7	4.9
8	5.6
9	6.3

47°.250 — 47°.200

42°.800 — 42°.850

42°	sin	d	tang	d	cotg	cos	d		P.P.
.800	9.832 152	8	9.966 616	15	0.033 384	9.865 536	7	**.200**	
801	9.832 160	8	9.966 631	15	0.033 369	9.865 529	7	199	
802	9.832 168	9	9.966 646	15	0.033 354	9.865 522	7	198	
803	9.832 177	8	9.966 661	16	0.033 339	9.865 515	7	197	
804	9.832 185	8	9.966 677	15	0.033 323	9.865 508	7	196	
805	9.832 193	8	9.966 692	15	0.033 308	9.865 501	7	195	
806	9.832 201	8	9.966 707	15	0.033 293	9.865 494	7	194	
807	9.832 209	8	9.966 722	15	0.033 278	9.865 487	7	193	
808	9.832 217	9	9.966 737	16	0.033 263	9.865 480	7	192	
809	9.832 226	8	9.966 753	15	0.033 247	9.865 473	7	191	
.810	9.832 234	8	9.966 768	15	0.033 232	9.865 466	7	**.190**	
811	9.832 242	8	9.966 783	15	0.033 217	9.865 459	7	189	
812	9.832 250	8	9.966 798	15	0.033 202	9.865 452	7	188	
813	9.832 258	9	9.966 813	16	0.033 187	9.865 445	7	187	
814	9.832 267	8	9.966 829	15	0.033 171	9.865 438	7	186	
815	9.832 275	8	9.966 844	15	0.033 156	9.865 431	7	185	
816	9.832 283	8	9.966 859	15	0.033 141	9.865 424	7	184	
817	9.832 291	8	9.966 874	15	0.033 126	9.865 417	7	183	
818	9.832 299	8	9.966 889	16	0.033 111	9.865 410	7	182	
819	9.832 307	9	9.966 905	15	0.033 095	9.865 403	7	181	
.820	9.832 316	8	9.966 920	15	0.033 080	9.865 396	7	**.180**	
821	9.832 324	8	9.966 935	15	0.033 065	9.865 389	7	179	
822	9.832 332	8	9.966 950	15	0.033 050	9.865 382	7	178	
823	9.832 340	8	9.966 965	16	0.033 035	9.865 375	7	177	
824	9.832 348	8	9.966 981	15	0.033 019	9.865 368	7	176	
825	9.832 356	9	9.966 996	15	0.033 004	9.865 361	7	175	
826	9.832 365	8	9.967 011	15	0.032 989	9.865 354	7	174	
827	9.832 373	8	9.967 026	15	0.032 974	9.865 347	7	173	
828	9.832 381	8	9.967 041	16	0.032 959	9.865 340	7	172	
829	9.832 389	8	9.967 057	15	0.032 943	9.865 333	7	171	
.830	9.832 397	9	9.967 072	15	0.032 928	9.865 326	8	**.170**	
831	9.832 406	8	9.967 087	15	0.032 913	9.865 318	7	169	
832	9.832 414	8	9.967 102	15	0.032 898	9.865 311	7	168	
833	9.832 422	8	9.967 117	16	0.032 883	9.865 304	7	167	
834	9.832 430	8	9.967 133	15	0.032 867	9.865 297	7	166	
835	9.832 438	8	9.967 148	15	0.032 852	9.865 290	7	165	
836	9.832 446	9	9.967 163	15	0.032 837	9.865 283	7	164	
837	9.832 455	8	9.967 178	15	0.032 822	9.865 276	7	163	
838	9.832 463	8	9.967 193	16	0.032 807	9.865 269	7	162	
839	9.832 471	8	9.967 209	15	0.032 791	9.865 262	7	161	
.840	9.832 479	8	9.967 224	15	0.032 776	9.865 255	7	**.160**	
841	9.832 487	8	9.967 239	15	0.032 761	9.865 248	7	159	
842	9.832 495	9	9.967 254	16	0.032 746	9.865 241	7	158	
843	9.832 504	8	9.967 270	15	0.032 730	9.865 234	7	157	
844	9.832 512	8	9.967 285	15	0.032 715	9.865 227	7	156	
845	9.832 520	8	9.967 300	15	0.032 700	9.865 220	7	155	
846	9.832 528	8	9.967 315	15	0.032 685	9.865 213	7	154	
847	9.832 536	9	9.967 330	16	0.032 670	9.865 206	7	153	
848	9.832 545	8	9.967 346	15	0.032 654	9.865 199	7	152	
849	9.832 553	8	9.967 361	15	0.032 639	9.865 192	7	151	
.850	9.832 561		9.967 376		0.032 624	9.865 185		**.150**	
	cos	d	cotg	d	tang	sin	d	47°	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	9	8
1	0.9	0.8
2	1.8	1.6
3	2.7	2.4
4	3.6	3.2
5	4.5	4.0
6	5.4	4.8
7	6.3	5.6
8	7.2	6.4
9	8.1	7.2

	7
1	0.7
2	1.4
3	2.1
4	2.8
5	3.5
6	4.2
7	4.9
8	5.6
9	6.3

47°.200 — 47°.150

42°.850 — 42°.900

42°	sin	d	tang	d	cotg	cos	d		P.P.
.850	9.832 561	8	9.967 376	15	0.032 624	9.865 185	7	**.150**	
851	9.832 569	8	9.967 391	15	0.032 609	9.865 178	7	149	
852	9.832 577	8	9.967 406	16	0.032 594	9.865 171	7	148	
853	9.832 585	9	9.967 422	15	0.032 578	9.865 164	7	147	
854	9.832 594	8	9.967 437	15	0.032 563	9.865 157	7	146	
855	9.832 602	8	9.967 452	15	0.032 548	9.865 150	7	145	
856	9.832 610	8	9.967 467	15	0.032 533	9.865 143	7	144	
857	9.832 618	8	9.967 482	16	0.032 518	9.865 136	7	143	
858	9.832 626	8	9.967 498	15	0.032 502	9.865 129	7	142	
859	9.832 634	9	9.967 513	15	0.032 487	9.865 122	7	141	
.860	9.832 643	8	9.967 528	15	0.032 472	9.865 115	7	**.140**	
861	9.832 651	8	9.967 543	15	0.032 457	9.865 108	7	139	
862	9.832 659	8	9.967 558	16	0.032 442	9.865 101	7	138	
863	9.832 667	8	9.967 574	15	0.032 426	9.865 094	7	137	
864	9.832 675	8	9.967 589	15	0.032 411	9.865 086	8	136	
865	9.832 683	9	9.967 604	15	0.032 396	9.865 079	7	135	
866	9.832 692	8	9.967 619	15	0.032 381	9.865 072	7	134	
867	9.832 700	8	9.967 634	16	0.032 366	9.865 065	7	133	
868	9.832 708	8	9.967 650	15	0.032 350	9.865 058	7	132	
869	9.832 716	8	9.967 665	15	0.032 335	9.865 051	7	131	
.870	9.832 724	8	9.967 680	15	0.032 320	9.865 044	7	**.130**	
871	9.832 732	9	9.967 695	15	0.032 305	9.865 037	7	129	
872	9.832 741	8	9.967 710	16	0.032 290	9.865 030	7	128	
873	9.832 749	8	9.967 726	15	0.032 274	9.865 023	7	127	
874	9.832 757	8	9.967 741	15	0.032 259	9.865 016	7	126	
875	9.832 765	8	9.967 756	15	0.032 244	9.865 009	7	125	
876	9.832 773	8	9.967 771	15	0.032 229	9.865 002	7	124	
877	9.832 781	9	9.967 786	16	0.032 214	9.864 995	7	123	
878	9.832 790	8	9.967 802	15	0.032 198	9.864 988	7	122	
879	9.832 798	8	9.967 817	15	0.032 183	9.864 981	7	121	
.880	9.832 806	8	9.967 832	15	0.032 168	9.864 974	7	**.120**	
881	9.832 814	8	9.967 847	15	0.032 153	9.864 967	7	119	
882	9.832 822	8	9.967 862	16	0.032 138	9.864 960	7	118	
883	9.832 830	9	9.967 878	15	0.032 122	9.864 953	7	117	
884	9.832 839	8	9.967 893	15	0.032 107	9.864 946	7	116	
885	9.832 847	8	9.967 908	15	0.032 092	9.864 939	7	115	
886	9.832 855	8	9.967 923	15	0.032 077	9.864 932	7	114	
887	9.832 863	8	9.967 938	16	0.032 062	9.864 925	7	113	
888	9.832 871	8	9.967 954	15	0.032 046	9.864 918	7	112	
889	9.832 879	8	9.967 969	15	0.032 031	9.864 911	7	111	
.890	9.832 887	9	9.967 984	15	0.032 016	9.864 903	8	**.110**	
891	9.832 896	8	9.967 999	15	0.032 001	9.864 896	7	109	
892	9.832 904	8	9.968 014	16	0.031 986	9.864 889	7	108	
893	9.832 912	8	9.968 030	15	0.031 970	9.864 882	7	107	
894	9.832 920	8	9.968 045	15	0.031 955	9.864 875	7	106	
895	9.832 928	8	9.968 060	15	0.031 940	9.864 868	7	105	
896	9.832 936	9	9.968 075	15	0.031 925	9.864 861	7	104	
897	9.832 945	8	9.968 090	16	0.031 910	9.864 854	7	103	
898	9.832 953	8	9.968 106	15	0.031 894	9.864 847	7	102	
899	9.832 961	8	9.968 121	15	0.031 879	9.864 840	7	101	
.900	9.832 969		9.968 136		0.031 864	9.864 833		**.100**	
	cos	d	cotg	d	tang	sin	d	**47°**	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
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9	14.4	13.5

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2	1.8	1.6
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4	3.6	3.2
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6	5.4	4.8
7	6.3	5.6
8	7.2	6.4
9	8.1	7.2

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1	0.7
2	1.4
3	2.1
4	2.8
5	3.5
6	4.2
7	4.9
8	5.6
9	6.3

47°.150 — 47°.100

42°.900 — 42°.950

42°	sin	d	tang	d	cotg	cos	d		P.P.
.900	9.832 969	8	9.968 136	15	0.031 864	9.864 833	7	**.100**	
901	9.832 977	8	9.968 151	15	0.031 849	9.864 826	7	099	
902	9.832 985	9	9.968 166	16	0.031 834	9.864 819	7	098	
903	9.832 994	8	9.968 182	15	0.031 818	9.864 812	7	097	
904	9.833 002	8	9.968 197	15	0.031 803	9.864 805	7	096	
905	9.833 010	8	9.968 212	15	0.031 788	9.864 798	7	095	
906	9.833 018	8	9.968 227	15	0.031 773	9.864 791	7	094	
907	9.833 026	8	9.968 242	16	0.031 758	9.864 784	7	093	
908	9.833 034	8	9.968 258	15	0.031 742	9.864 777	7	092	
909	9.833 042	9	9.968 273	15	0.031 727	9.864 770	7	091	
.910	9.833 051	8	9.968 288	15	0.031 712	9.864 763	7	**.090**	
911	9.833 059	8	9.968 303	15	0.031 697	9.864 756	7	089	
912	9.833 067	8	9.968 318	16	0.031 682	9.864 749	7	088	
913	9.833 075	8	9.968 334	15	0.031 666	9.864 741	8	087	
914	9.833 083	8	9.968 349	15	0.031 651	9.864 734	7	086	
915	9.833 091	9	9.968 364	15	0.031 636	9.864 727	7	085	
916	9.833 100	8	9.968 379	15	0.031 621	9.864 720	7	084	
917	9.833 108	8	9.968 394	16	0.031 606	9.864 713	7	083	
918	9.833 116	8	9.968 410	15	0.031 590	9.864 706	7	082	
919	9.833 124	8	9.968 425	15	0.031 575	9.864 699	7	081	
.920	9.833 132	8	9.968 440	15	0.031 560	9.864 692	7	**.080**	
921	9.833 140	8	9.968 455	15	0.031 545	9.864 685	7	079	
922	9.833 148	9	9.968 470	16	0.031 530	9.864 678	7	078	
923	9.833 157	8	9.968 486	15	0.031 514	9.864 671	7	077	
924	9.833 165	8	9.968 501	15	0.031 499	9.864 664	7	076	
925	9.833 173	8	9.968 516	15	0.031 484	9.864 657	7	075	
926	9.833 181	8	9.968 531	15	0.031 469	9.864 650	7	074	
927	9.833 189	8	9.968 546	16	0.031 454	9.864 643	7	073	
928	9.833 197	8	9.968 562	15	0.031 438	9.864 636	7	072	
929	9.833 205	9	9.968 577	15	0.031 423	9.864 629	7	071	
.930	9.833 214	8	9.968 592	15	0.031 408	9.864 622	7	**.070**	
931	9.833 222	8	9.968 607	15	0.031 393	9.864 615	7	069	
932	9.833 230	8	9.968 622	16	0.031 378	9.864 608	7	068	
933	9.833 238	8	9.968 638	15	0.031 362	9.864 600	8	067	
934	9.833 246	8	9.968 653	15	0.031 347	9.864 593	7	066	
935	9.833 254	9	9.968 668	15	0.031 332	9.864 586	7	065	
936	9.833 263	8	9.968 683	15	0.031 317	9.864 579	7	064	
937	9.833 271	8	9.968 698	16	0.031 302	9.864 572	7	063	
938	9.833 279	8	9.968 714	15	0.031 286	9.864 565	7	062	
939	9.833 287	8	9.968 729	15	0.031 271	9.864 558	7	061	
.940	9.833 295	8	9.968 744	15	0.031 256	9.864 551	7	**.060**	
941	9.833 303	8	9.968 759	15	0.031 241	9.864 544	7	059	
942	9.833 311	9	9.968 774	16	0.031 226	9.864 537	7	058	
943	9.833 320	8	9.968 790	15	0.031 210	9.864 530	7	057	
944	9.833 328	8	9.968 805	15	0.031 195	9.864 523	7	056	
945	9.833 336	8	9.968 820	15	0.031 180	9.864 516	7	055	
946	9.833 344	8	9.968 835	15	0.031 165	9.864 509	7	054	
947	9.833 352	8	9.968 850	16	0.031 150	9.864 502	7	053	
948	9.833 360	8	9.968 866	15	0.031 134	9.864 495	7	052	
949	9.833 368	9	9.968 881	15	0.031 119	9.864 488	7	051	
.950	9.833 377		9.968 896		0.031 104	9.864 481		**.050**	
	cos	d	cotg	d	tang	sin	d	**47°**	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
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7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

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9	8.1	7.2

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1	0.7
2	1.4
3	2.1
4	2.8
5	3.5
6	4.2
7	4.9
8	5.6
9	6.3

47°.100 — 47°.050

42°.950 — 43°.000

42°	sin	d	tang	d	cotg	cos	d		P.P.
.950	9.833 377	8	9.968 896	15	0.031 104	9.864 481	7	**.050**	
951	9.833 385	8	9.968 911	15	0.031 089	9.864 474	8	049	
952	9.833 393	8	9.968 926	16	0.031 074	9.864 466	7	048	
953	9.833 401	8	9.968 942	15	0.031 058	9.864 459	7	047	
954	9.833 409	8	9.968 957	15	0.031 043	9.864 452	7	046	
955	9.833 417	8	9.968 972	15	0.031 028	9.864 445	7	045	
956	9.833 425	9	9.968 987	15	0.031 013	9.864 438	7	044	
957	9.833 434	8	9.969 002	16	0.030 998	9.864 431	7	043	
958	9.833 442	8	9.969 018	15	0.030 982	9.864 424	7	042	
959	9.833 450	8	9.969 033	15	0.030 967	9.864 417	7	041	
.960	9.833 458	8	9.969 048	15	0.030 952	9.864 410	7	**.040**	
961	9.833 466	8	9.969 063	15	0.030 937	9.864 403	7	039	
962	9.833 474	8	9.969 078	16	0.030 922	9.864 396	7	038	
963	9.833 482	9	9.969 094	15	0.030 906	9.864 389	7	037	
964	9.833 491	8	9.969 109	15	0.030 891	9.864 382	7	036	
965	9.833 499	8	9.969 124	15	0.030 876	9.864 375	7	035	
966	9.833 507	8	9.969 139	15	0.030 861	9.864 368	7	034	
967	9.833 515	8	9.969 154	16	0.030 846	9.864 361	7	033	
968	9.833 523	8	9.969 170	15	0.030 830	9.864 354	7	032	
969	9.833 531	8	9.969 185	15	0.030 815	9.864 346	8	031	
.970	9.833 539	8	9.969 200	15	0.030 800	9.864 339	7	**.030**	
971	9.833 547	8	9.969 215	15	0.030 785	9.864 332	7	029	
972	9.833 556	9	9.969 230	15	0.030 770	9.864 325	7	028	
973	9.833 564	8	9.969 246	16	0.030 754	9.864 318	7	027	
974	9.833 572	8	9.969 261	15	0.030 739	9.864 311	7	026	
975	9.833 580	8	9.969 276	15	0.030 724	9.864 304	7	025	
976	9.833 588	8	9.969 291	15	0.030 709	9.864 297	7	024	
977	9.833 596	8	9.969 306	15	0.030 694	9.864 290	7	023	
978	9.833 604	8	9.969 322	16	0.030 678	9.864 283	7	022	
979	9.833 613	9	9.969 337	15	0.030 663	9.864 276	7	021	
.980	9.833 621	8	9.969 352	15	0.030 648	9.864 269	7	**.020**	
981	9.833 629	8	9.969 367	15	0.030 633	9.864 262	7	019	
982	9.833 637	8	9.969 382	15	0.030 618	9.864 255	7	018	
983	9.833 645	8	9.969 398	16	0.030 602	9.864 248	7	017	
984	9.833 653	8	9.969 413	15	0.030 587	9.864 241	7	016	
985	9.833 661	8	9.969 428	15	0.030 572	9.864 233	8	015	
986	9.833 670	9	9.969 443	15	0.030 557	9.864 226	7	014	
987	9.833 678	8	9.969 458	15	0.030 542	9.864 219	7	013	
988	9.833 686	8	9.969 474	16	0.030 526	9.864 212	7	012	
989	9.833 694	8	9.969 489	15	0.030 511	9.864 205	7	011	
.990	9.833 702	8	9.969 504	15	0.030 496	9.864 198	7	**.010**	
991	9.833 710	8	9.969 519	15	0.030 481	9.864 191	7	009	
992	9.833 718	8	9.969 534	15	0.030 466	9.864 184	7	008	
993	9.833 726	9	9.969 549	16	0.030 451	9.864 177	7	007	
994	9.833 735	8	9.969 565	15	0.030 435	9.864 170	7	006	
995	9.833 743	8	9.969 580	15	0.030 420	9.864 163	7	005	
996	9.833 751	8	9.969 595	15	0.030 405	9.864 156	7	004	
997	9.833 759	8	9.969 610	15	0.030 390	9.864 149	7	003	
998	9.833 767	8	9.969 625	16	0.030 375	9.864 142	7	002	
999	9.833 775	8	9.969 641	15	0.030 359	9.864 135	8	001	
*000	9.833 783		9.969 656		0.030 344	9.864 127		**.000**	
	cos	d	cotg	d	tang	sin	d	47°	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
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7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

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1	0.9	0.8
2	1.8	1.6
3	2.7	2.4
4	3.6	3.2
5	4.5	4.0
6	5.4	4.8
7	6.3	5.6
8	7.2	6.4
9	8.1	7.2

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1	0.7
2	1.4
3	2.1
4	2.8
5	3.5
6	4.2
7	4.9
8	5.6
9	6.3

47°.050 — 47°.000

43°.000 — 43°.050

43°	sin	d	tang	d	cotg	cos	d		P.P.
.000	9.833 783	8	9.969 656	15	0.030 344	9.864 127	7	***000**	
001	9.833 791	9	9.969 671	15	0.030 329	9.864 120	7	999	
002	9.833 800	8	9.969 686	15	0.030 314	9.864 113	7	998	
003	9.833 808	8	9.969 701	16	0.030 299	9.864 106	7	997	
004	9.833 816	8	9.969 717	15	0.030 283	9.864 099	7	996	
005	9.833 824	8	9.969 732	15	0.030 268	9.864 092	7	995	
006	9.833 832	8	9.969 747	15	0.030 253	9.864 085	7	994	
007	9.833 840	8	9.969 762	15	0.030 238	9.864 078	7	993	
008	9.833 848	8	9.969 777	16	0.030 223	9.864 071	7	992	
009	9.833 856	9	9.969 793	15	0.030 207	9.864 064	7	991	
.010	9.833 865	8	9.969 808	15	0.030 192	9.864 057	7	**.990**	
011	9.833 873	8	9.969 823	15	0.030 177	9.864 050	7	989	
012	9.833 881	8	9.969 838	15	0.030 162	9.864 043	7	988	
013	9.833 889	8	9.969 853	16	0.030 147	9.864 036	8	987	
014	9.833 897	8	9.969 869	15	0.030 131	9.864 028	7	986	
015	9.833 905	8	9.969 884	15	0.030 116	9.864 021	7	985	
016	9.833 913	8	9.969 899	15	0.030 101	9.864 014	7	984	
017	9.833 921	9	9.969 914	15	0.030 086	9.864 007	7	983	
018	9.833 930	8	9.969 929	16	0.030 071	9.864 000	7	982	
019	9.833 938	8	9.969 945	15	0.030 055	9.863 993	7	981	
.020	9.833 946	8	9.969 960	15	0.030 040	9.863 986	7	**.980**	
021	9.833 954	8	9.969 975	15	0.030 025	9.863 979	7	979	
022	9.833 962	8	9.969 990	15	0.030 010	9.863 972	7	978	
023	9.833 970	8	9.970 005	16	0.029 995	9.863 965	7	977	
024	9.833 978	8	9.970 021	15	0.029 979	9.863 958	7	976	
025	9.833 986	9	9.970 036	15	0.029 964	9.863 951	7	975	
026	9.833 995	8	9.970 051	15	0.029 949	9.863 944	7	974	
027	9.834 003	8	9.970 066	15	0.029 934	9.863 937	8	973	
028	9.834 011	8	9.970 081	16	0.029 919	9.863 929	7	972	
029	9.834 019	8	9.970 097	15	0.029 903	9.863 922	7	971	
.030	9.834 027	8	9.970 112	15	0.029 888	9.863 915	7	**.970**	
031	9.834 035	8	9.970 127	15	0.029 873	9.863 908	7	969	
032	9.834 043	8	9.970 142	15	0.029 858	9.863 901	7	968	
033	9.834 051	9	9.970 157	16	0.029 843	9.863 894	7	967	
034	9.834 060	8	9.970 173	15	0.029 827	9.863 887	7	966	
035	9.834 068	8	9.970 188	15	0.029 812	9.863 880	7	965	
036	9.834 076	8	9.970 203	15	0.029 797	9.863 873	7	964	
037	9.834 084	8	9.970 218	15	0.029 782	9.863 866	7	963	
038	9.834 092	8	9.970 233	16	0.029 767	9.863 859	7	962	
039	9.834 100	8	9.970 249	15	0.029 751	9.863 852	7	961	
.040	9.834 108	8	9.970 264	15	0.029 736	9.863 845	8	**.960**	
041	9.834 116	8	9.970 279	15	0.029 721	9.863 837	7	959	
042	9.834 124	9	9.970 294	15	0.029 706	9.863 830	7	958	
043	9.834 133	8	9.970 309	15	0.029 691	9.863 823	7	957	
044	9.834 141	8	9.970 324	16	0.029 676	9.863 816	7	956	
045	9.834 149	8	9.970 340	15	0.029 660	9.863 809	7	955	
046	9.834 157	8	9.970 355	15	0.029 645	9.863 802	7	954	
047	9.834 165	8	9.970 370	15	0.029 630	9.863 795	7	953	
048	9.834 173	8	9.970 385	15	0.029 615	9.863 788	7	952	
049	9.834 181	8	9.970 400	16	0.029 600	9.863 781	7	951	
.050	9.834 189		9.970 416		0.029 584	9.863 774		**.950**	
	cos	d	cotg	d	tang	sin	d	**46°**	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
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7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	9	8
1	0.9	0.8
2	1.8	1.6
3	2.7	2.4
4	3.6	3.2
5	4.5	4.0
6	5.4	4.8
7	6.3	5.6
8	7.2	6.4
9	8.1	7.2

	7
1	0.7
2	1.4
3	2.1
4	2.8
5	3.5
6	4.2
7	4.9
8	5.6
9	6.3

47°.000 — 46°.950

43°.050 — 43°.100

43°	sin	d	tang	d	cotg	cos	d		P.P.
.050	9.834 189		9.970 416		0.029 584	9.863 774		.950	
		9		15			7		
051	9.834 198	8	9.970 431	15	0.029 569	9.863 767	7	949	
052	9.834 206	8	9.970 446	15	0.029 554	9.863 760	8	948	
053	9.834 214	8	9.970 461	15	0.029 539	9.863 752	7	947	
054	9.834 222	8	9.970 476	16	0.029 524	9.863 745	7	946	
055	9.834 230	8	9.970 492	15	0.029 508	9.863 738	7	945	
056	9.834 238	8	9.970 507	15	0.029 493	9.863 731	7	944	
057	9.834 246	8	9.970 522	15	0.029 478	9.863 724	7	943	
058	9.834 254	8	9.970 537	15	0.029 463	9.863 717	7	942	
059	9.834 262	9	9.970 552	16	0.029 448	9.863 710	7	941	
.060	9.834 271	8	9.970 568	15	0.029 432	9.863 703	7	.940	
061	9.834 279	8	9.970 583	15	0.029 417	9.863 696	7	939	
062	9.834 287	8	9.970 598	15	0.029 402	9.863 689	7	938	
063	9.834 295	8	9.970 613	15	0.029 387	9.863 682	7	937	
064	9.834 303	8	9.970 628	16	0.029 372	9.863 675	8	936	
065	9.834 311	8	9.970 644	15	0.029 356	9.863 667	7	935	
066	9.834 319	8	9.970 659	15	0.029 341	9.863 660	7	934	
067	9.834 327	8	9.970 674	15	0.029 326	9.863 653	7	933	
068	9.834 335	9	9.970 689	15	0.029 311	9.863 646	7	932	
069	9.834 344	8	9.970 704	16	0.029 296	9.863 639	7	931	
.070	9.834 352	8	9.970 720	15	0.029 280	9.863 632	7	.930	
071	9.834 360	8	9.970 735	15	0.029 265	9.863 625	7	929	
072	9.834 368	8	9.970 750	15	0.029 250	9.863 618	7	928	
073	9.834 376	8	9.970 765	15	0.029 235	9.863 611	7	927	
074	9.834 384	8	9.970 780	16	0.029 220	9.863 604	7	926	
075	9.834 392	8	9.970 796	15	0.029 204	9.863 597	7	925	
076	9.834 400	8	9.970 811	15	0.029 189	9.863 590	7	924	
077	9.834 408	8	9.970 826	15	0.029 174	9.863 582	8	923	
078	9.834 416	9	9.970 841	15	0.029 159	9.863 575	7	922	
079	9.834 425	8	9.970 856	15	0.029 144	9.863 568	7	921	
.080	9.834 433	8	9.970 871	16	0.029 129	9.863 561	7	.920	
081	9.834 441	8	9.970 887	15	0.029 113	9.863 554	7	919	
082	9.834 449	8	9.970 902	15	0.029 098	9.863 547	7	918	
083	9.834 457	8	9.970 917	15	0.029 083	9.863 540	7	917	
084	9.834 465	8	9.970 932	15	0.029 068	9.863 533	7	916	
085	9.834 473	8	9.970 947	16	0.029 053	9.863 526	7	915	
086	9.834 481	8	9.970 963	15	0.029 037	9.863 519	7	914	
087	9.834 489	9	9.970 978	15	0.029 022	9.863 512	8	913	
088	9.834 498	8	9.970 993	15	0.029 007	9.863 504	7	912	
089	9.834 506	8	9.971 008	15	0.028 992	9.863 497	7	911	
.090	9.834 514	8	9.971 023	16	0.028 977	9.863 490	7	.910	
091	9.834 522	8	9.971 039	15	0.028 961	9.863 483	7	909	
092	9.834 530	8	9.971 054	15	0.028 946	9.863 476	7	908	
093	9.834 538	8	9.971 069	15	0.028 931	9.863 469	7	907	
094	9.834 546	8	9.971 084	15	0.028 916	9.863 462	7	906	
095	9.834 554	8	9.971 099	16	0.028 901	9.863 455	7	905	
096	9.834 562	8	9.971 115	15	0.028 885	9.863 448	7	904	
097	9.834 570	9	9.971 130	15	0.028 870	9.863 441	7	903	
098	9.834 579	8	9.971 145	15	0.028 855	9.863 434	8	902	
099	9.834 587	8	9.971 160	15	0.028 840	9.863 426	7	901	
.100	9.834 595		9.971 175		0.028 825	9.863 419		.900	
	cos	d	cotg	d	tang	sin	d	46°	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	9	8
1	0.9	0.8
2	1.8	1.6
3	2.7	2.4
4	3.6	3.2
5	4.5	4.0
6	5.4	4.8
7	6.3	5.6
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9	8.1	7.2

	7
1	0.7
2	1.4
3	2.1
4	2.8
5	3.5
6	4.2
7	4.9
8	5.6
9	6.3

46°.950 — 46°.900

43°.100 — 43°.150

43°	sin	d	tang	d	cotg	cos	d		P.P.
.100	9.834 595	8	9.971 175	16	0.028 825	9.863 419	7	.900	
101	9.834 603	8	9.971 191	15	0.028 809	9.863 412	7	899	
102	9.834 611	8	9.971 206	15	0.028 794	9.863 405	7	898	
103	9.834 619	8	9.971 221	15	0.028 779	9.863 398	7	897	
104	9.834 627	8	9.971 236	15	0.028 764	9.863 391	7	896	
105	9.834 635	8	9.971 251	16	0.028 749	9.863 384	7	895	
106	9.834 643	8	9.971 267	15	0.028 733	9.863 377	7	894	
107	9.834 651	9	9.971 282	15	0.028 718	9.863 370	7	893	
108	9.834 660	8	9.971 297	15	0.028 703	9.863 363	7	892	
109	9.834 668	8	9.971 312	15	0.028 688	9.863 356	7	891	
.110	9.834 676	8	9.971 327	15	0.028 673	9.863 348	8	.890	
111	9.834 684	8	9.971 342	16	0.028 658	9.863 341	7	889	
112	9.834 692	8	9.971 358	15	0.028 642	9.863 334	7	888	
113	9.834 700	8	9.971 373	15	0.028 627	9.863 327	7	887	
114	9.834 708	8	9.971 388	15	0.028 612	9.863 320	7	886	
115	9.834 716	8	9.971 403	15	0.028 597	9.863 313	7	885	
116	9.834 724	8	9.971 418	16	0.028 582	9.863 306	7	884	
117	9.834 732	9	9.971 434	15	0.028 566	9.863 299	7	883	
118	9.834 741	8	9.971 449	15	0.028 551	9.863 292	7	882	
119	9.834 749	8	9.971 464	15	0.028 536	9.863 285	7	881	
.120	9.834 757	8	9.971 479	15	0.028 521	9.863 277	8	.880	
121	9.834 765	8	9.971 494	15	0.028 506	9.863 270	7	879	
122	9.834 773	8	9.971 510	16	0.028 490	9.863 263	7	878	
123	9.834 781	8	9.971 525	15	0.028 475	9.863 256	7	877	
124	9.834 789	8	9.971 540	15	0.028 460	9.863 249	7	876	
125	9.834 797	8	9.971 555	15	0.028 445	9.863 242	7	875	
126	9.834 805	8	9.971 570	15	0.028 430	9.863 235	7	874	
127	9.834 813	8	9.971 586	16	0.028 414	9.863 228	7	873	
128	9.834 821	8	9.971 601	15	0.028 399	9.863 221	7	872	
129	9.834 830	9	9.971 616	15	0.028 384	9.863 214	7	871	
.130	9.834 838	8	9.971 631	15	0.028 369	9.863 206	8	.870	
131	9.834 846	8	9.971 646	15	0.028 354	9.863 199	7	869	
132	9.834 854	8	9.971 662	16	0.028 338	9.863 192	7	868	
133	9.834 862	8	9.971 677	15	0.028 323	9.863 185	7	867	
134	9.834 870	8	9.971 692	15	0.028 308	9.863 178	7	866	
135	9.834 878	8	9.971 707	15	0.028 293	9.863 171	7	865	
136	9.834 886	8	9.971 722	15	0.028 278	9.863 164	7	864	
137	9.834 894	8	9.971 737	15	0.028 263	9.863 157	7	863	
138	9.834 902	8	9.971 753	16	0.028 247	9.863 150	7	862	
139	9.834 910	8	9.971 768	15	0.028 232	9.863 143	7	861	
.140	9.834 919	9	9.971 783	15	0.028 217	9.863 135	8	.860	
141	9.834 927	8	9.971 798	15	0.028 202	9.863 128	7	859	
142	9.834 935	8	9.971 813	15	0.028 187	9.863 121	7	858	
143	9.834 943	8	9.971 829	16	0.028 171	9.863 114	7	857	
144	9.834 951	8	9.971 844	15	0.028 156	9.863 107	7	856	
145	9.834 959	8	9.971 859	15	0.028 141	9.863 100	7	855	
146	9.834 967	8	9.971 874	15	0.028 126	9.863 093	7	854	
147	9.834 975	8	9.971 889	15	0.028 111	9.863 086	7	853	
148	9.834 983	8	9.971 905	16	0.028 095	9.863 079	7	852	
149	9.834 991	8	9.971 920	15	0.028 080	9.863 072	7	851	
.150	9.834 999		9.971 935	15	0.028 065	9.863 064	8	.850	
	cos	d	cotg	d	tang	sin	d	46°	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	9	8
1	0.9	0.8
2	1.8	1.6
3	2.7	2.4
4	3.6	3.2
5	4.5	4.0
6	5.4	4.8
7	6.3	5.6
8	7.2	6.4
9	8.1	7.2

	7
1	0.7
2	1.4
3	2.1
4	2.8
5	3.5
6	4.2
7	4.9
8	5.6
9	6.3

46°.900 — 46°.850

43°.150 — 43°.200

43°	sin	d	tang	d	cotg	cos	d		P.P.
.150	9.834 999	8	9.971 935	15	0.028 065	9.863 064	7	.850	
151	9.835 007	9	9.971 950	15	0.028 050	9.863 057	7	849	
152	9.835 016	8	9.971 965	16	0.028 035	9.863 050	7	848	
153	9.835 024	8	9.971 981	15	0.028 019	9.863 043	7	847	
154	9.835 032	8	9.971 996	15	0.028 004	9.863 036	7	846	
155	9.835 040	8	9.972 011	15	0.027 989	9.863 029	7	845	
156	9.835 048	8	9.972 026	15	0.027 974	9.863 022	7	844	
157	9.835 056	8	9.972 041	16	0.027 959	9.863 015	7	843	
158	9.835 064	8	9.972 057	15	0.027 943	9.863 008	8	842	
159	9.835 072	8	9.972 072	15	0.027 928	9.863 000	7	841	
.160	9.835 080	8	9.972 087	15	0.027 913	9.862 993	7	.840	
161	9.835 088	8	9.972 102	15	0.027 898	9.862 986	7	839	
162	9.835 096	8	9.972 117	15	0.027 883	9.862 979	7	838	
163	9.835 104	9	9.972 132	16	0.027 868	9.862 972	7	837	
164	9.835 113	8	9.972 148	15	0.027 852	9.862 965	7	836	
165	9.835 121	8	9.972 163	15	0.027 837	9.862 958	7	835	
166	9.835 129	8	9.972 178	15	0.027 822	9.862 951	7	834	
167	9.835 137	8	9.972 193	15	0.027 807	9.862 944	8	833	
168	9.835 145	8	9.972 208	16	0.027 792	9.862 936	7	832	
169	9.835 153	8	9.972 224	15	0.027 776	9.862 929	7	831	
.170	9.835 161	8	9.972 239	15	0.027 761	9.862 922	7	.830	
171	9.835 169	8	9.972 254	15	0.027 746	9.862 915	7	829	
172	9.835 177	8	9.972 269	15	0.027 731	9.862 908	7	828	
173	9.835 185	8	9.972 284	16	0.027 716	9.862 901	7	827	
174	9.835 193	8	9.972 300	15	0.027 700	9.862 894	7	826	
175	9.835 201	9	9.972 315	15	0.027 685	9.862 887	7	825	
176	9.835 210	8	9.972 330	15	0.027 670	9.862 880	8	824	
177	9.835 218	8	9.972 345	15	0.027 655	9.862 872	7	823	
178	9.835 226	8	9.972 360	16	0.027 640	9.862 865	7	822	
179	9.835 234	8	9.972 376	15	0.027 624	9.862 858	7	821	
.180	9.835 242	8	9.972 391	15	0.027 609	9.862 851	7	.820	
181	9.835 250	8	9.972 406	15	0.027 594	9.862 844	7	819	
182	9.835 258	8	9.972 421	15	0.027 579	9.862 837	7	818	
183	9.835 266	8	9.972 436	15	0.027 564	9.862 830	7	817	
184	9.835 274	8	9.972 451	16	0.027 549	9.862 823	7	816	
185	9.835 282	8	9.972 467	15	0.027 533	9.862 816	8	815	
186	9.835 290	8	9.972 482	15	0.027 518	9.862 808	7	814	
187	9.835 298	8	9.972 497	15	0.027 503	9.862 801	7	813	
188	9.835 306	9	9.972 512	15	0.027 488	9.862 794	7	812	
189	9.835 315	8	9.972 527	16	0.027 473	9.862 787	7	811	
.190	9.835 323	8	9.972 543	15	0.027 457	9.862 780	7	.810	
191	9.835 331	8	9.972 558	15	0.027 442	9.862 773	7	809	
192	9.835 339	8	9.972 573	15	0.027 427	9.862 766	7	808	
193	9.835 347	8	9.972 588	15	0.027 412	9.862 759	7	807	
194	9.835 355	8	9.972 603	16	0.027 397	9.862 752	8	806	
195	9.835 363	8	9.972 619	15	0.027 381	9.862 744	7	805	
196	9.835 371	8	9.972 634	15	0.027 366	9.862 737	7	804	
197	9.835 379	8	9.972 649	15	0.027 351	9.862 730	7	803	
198	9.835 387	8	9.972 664	15	0.027 336	9.862 723	7	802	
199	9.835 395	8	9.972 679	16	0.027 321	9.862 716	7	801	
.200	9.835 403		9.972 695		0.027 305	9.862 709		.800	
	cos	d	cotg	d	tang	sin	d	46°	P.P.

	16	15
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7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	9	8
1	0.9	0.8
2	1.8	1.6
3	2.7	2.4
4	3.6	3.2
5	4.5	4.0
6	5.4	4.8
7	6.3	5.6
8	7.2	6.4
9	8.1	7.2

	7
1	0.7
2	1.4
3	2.1
4	2.8
5	3.5
6	4.2
7	4.9
8	5.6
9	6.3

46°.850 — 46°.800

43°.200 — 43°.250

43°	sin	d	tang	d	cotg	cos	d		P.P.
.200	9.835 403	8	9.972 695	15	0.027 305	9.862 709	7	.800	
201	9.835 411	8	9.972 710	15	0.027 290	9.862 702	7	799	
202	9.835 419	9	9.972 725	15	0.027 275	9.862 695	8	798	
203	9.835 428	8	9.972 740	15	0.027 260	9.862 687	7	797	
204	9.835 436	8	9.972 755	15	0.027 245	9.862 680	7	796	
205	9.835 444	8	9.972 770	16	0.027 230	9.862 673	7	795	
206	9.835 452	8	9.972 786	15	0.027 214	9.862 666	7	794	
207	9.835 460	8	9.972 801	15	0.027 199	9.862 659	7	793	
208	9.835 468	8	9.972 816	15	0.027 184	9.862 652	7	792	
209	9.835 476	8	9.972 831	15	0.027 169	9.862 645	7	791	
.210	9.835 484	8	9.972 846	16	0.027 154	9.862 638	7	.790	
211	9.835 492	8	9.972 862	15	0.027 138	9.862 631	8	789	
212	9.835 500	8	9.972 877	15	0.027 123	9.862 623	7	788	
213	9.835 508	8	9.972 892	15	0.027 108	9.862 616	7	787	
214	9.835 516	8	9.972 907	15	0.027 093	9.862 609	7	786	
215	9.835 524	8	9.972 922	16	0.027 078	9.862 602	7	785	
216	9.835 532	9	9.972 938	15	0.027 062	9.862 595	7	784	
217	9.835 541	8	9.972 953	15	0.027 047	9.862 588	7	783	
218	9.835 549	8	9.972 968	15	0.027 032	9.862 581	7	782	
219	9.835 557	8	9.972 983	15	0.027 017	9.862 574	7	781	
.220	9.835 565	8	9.972 998	15	0.027 002	9.862 566	8	.780	
221	9.835 573	8	9.973 013	15	0.026 987	9.862 559	7	779	
222	9.835 581	8	9.973 029	16	0.026 971	9.862 552	7	778	
223	9.835 589	8	9.973 044	15	0.026 956	9.862 545	7	777	
224	9.835 597	8	9.973 059	15	0.026 941	9.862 538	7	776	
225	9.835 605	8	9.973 074	15	0.026 926	9.862 531	7	775	
226	9.835 613	8	9.973 089	15	0.026 911	9.862 524	7	774	
227	9.835 621	8	9.973 105	16	0.026 895	9.862 517	7	773	
228	9.835 629	8	9.973 120	15	0.026 880	9.862 509	8	772	
229	9.835 637	8	9.973 135	15	0.026 865	9.862 502	7	771	
.230	9.835 645	8	9.973 150	15	0.026 850	9.862 495	7	.770	
231	9.835 653	8	9.973 165	15	0.026 835	9.862 488	7	769	
232	9.835 661	8	9.973 181	16	0.026 819	9.862 481	7	768	
233	9.835 670	9	9.973 196	15	0.026 804	9.862 474	7	767	
234	9.835 678	8	9.973 211	15	0.026 789	9.862 467	7	766	
235	9.835 686	8	9.973 226	15	0.026 774	9.862 460	7	765	
236	9.835 694	8	9.973 241	15	0.026 759	9.862 452	8	764	
237	9.835 702	8	9.973 256	15	0.026 744	9.862 445	7	763	
238	9.835 710	8	9.973 272	16	0.026 728	9.862 438	7	762	
239	9.835 718	8	9.973 287	15	0.026 713	9.862 431	7	761	
.240	9.835 726	8	9.973 302	15	0.026 698	9.862 424	7	.760	
241	9.835 734	8	9.973 317	15	0.026 683	9.862 417	7	759	
242	9.835 742	8	9.973 332	15	0.026 668	9.862 410	7	758	
243	9.835 750	8	9.973 348	16	0.026 652	9.862 403	7	757	
244	9.835 758	8	9.973 363	15	0.026 637	9.862 395	8	756	
245	9.835 766	8	9.973 378	15	0.026 622	9.862 388	7	755	
246	9.835 774	8	9.973 393	15	0.026 607	9.862 381	7	754	
247	9.835 782	8	9.973 408	15	0.026 592	9.862 374	7	753	
248	9.835 790	8	9.973 424	16	0.026 576	9.862 367	7	752	
249	9.835 799	9	9.973 439	15	0.026 561	9.862 360	7	751	
.250	9.835 807	8	9.973 454	15	0.026 546	9.862 353	7	.750	
	cos	d	cotg	d	tang	sin	d	46°	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	9	8
1	0.9	0.8
2	1.8	1.6
3	2.7	2.4
4	3.6	3.2
5	4.5	4.0
6	5.4	4.8
7	6.3	5.6
8	7.2	6.4
9	8.1	7.2

	7
1	0.7
2	1.4
3	2.1
4	2.8
5	3.5
6	4.2
7	4.9
8	5.6
9	6.3

46°.800 — 46°.750

43°.250 — 43°.300

43°	sin	d	tang	d	cotg	cos	d		P.P.
.250	9.835 807	8	9.973 454	15	0.026 546	9.862 353	8	**.750**	
251	9.835 815	8	9.973 469	15	0.026 531	9.862 345	7	749	
252	9.835 823	8	9.973 484	16	0.026 516	9.862 338	7	748	
253	9.835 831	8	9.973 500	15	0.026 500	9.862 331	7	747	
254	9.835 839	8	9.973 515	15	0.026 485	9.862 324	7	746	
255	9.835 847	8	9.973 530	15	0.026 470	9.862 317	7	745	
256	9.835 855	8	9.973 545	15	0.026 455	9.862 310	7	744	
257	9.835 863	8	9.973 560	15	0.026 440	9.862 303	7	743	
258	9.835 871	8	9.973 575	16	0.026 425	9.862 296	8	742	
259	9.835 879	8	9.973 591	15	0.026 409	9.862 288	7	741	
.260	9.835 887	8	9.973 606	15	0.026 394	9.862 281	7	**.740**	
261	9.835 895	8	9.973 621	15	0.026 379	9.862 274	7	739	
262	9.835 903	8	9.973 636	15	0.026 364	9.862 267	7	738	
263	9.835 911	8	9.973 651	16	0.026 349	9.862 260	7	737	
264	9.835 919	8	9.973 667	15	0.026 333	9.862 253	7	736	
265	9.835 927	8	9.973 682	15	0.026 318	9.862 246	7	735	
266	9.835 935	9	9.973 697	15	0.026 303	9.862 239	8	734	
267	9.835 944	8	9.973 712	15	0.026 288	9.862 231	7	733	
268	9.835 952	8	9.973 727	16	0.026 273	9.862 224	7	732	
269	9.835 960	8	9.973 743	15	0.026 257	9.862 217	7	731	
.270	9.835 968	8	9.973 758	15	0.026 242	9.862 210	7	**.730**	
271	9.835 976	8	9.973 773	15	0.026 227	9.862 203	7	729	
272	9.835 984	8	9.973 788	15	0.026 212	9.862 196	7	728	
273	9.835 992	8	9.973 803	15	0.026 197	9.862 189	8	727	
274	9.836 000	8	9.973 818	16	0.026 182	9.862 181	7	726	
275	9.836 008	8	9.973 834	15	0.026 166	9.862 174	7	725	
276	9.836 016	8	9.973 849	15	0.026 151	9.862 167	7	724	
277	9.836 024	8	9.973 864	15	0.026 136	9.862 160	7	723	
278	9.836 032	8	9.973 879	15	0.026 121	9.862 153	7	722	
279	9.836 040	8	9.973 894	16	0.026 106	9.862 146	7	721	
.280	9.836 048	8	9.973 910	15	0.026 090	9.862 139	8	**.720**	
281	9.836 056	8	9.973 925	15	0.026 075	9.862 131	7	719	
282	9.836 064	8	9.973 940	15	0.026 060	9.862 124	7	718	
283	9.836 072	8	9.973 955	15	0.026 045	9.862 117	7	717	
284	9.836 080	8	9.973 970	16	0.026 030	9.862 110	7	716	
285	9.836 088	8	9.973 986	15	0.026 014	9.862 103	7	715	
286	9.836 096	9	9.974 001	15	0.025 999	9.862 096	7	714	
287	9.836 105	8	9.974 016	15	0.025 984	9.862 089	8	713	
288	9.836 113	8	9.974 031	15	0.025 969	9.862 081	7	712	
289	9.836 121	8	9.974 046	15	0.025 954	9.862 074	7	711	
.290	9.836 129	8	9.974 061	16	0.025 939	9.862 067	7	**.710**	
291	9.836 137	8	9.974 077	15	0.025 923	9.862 060	7	709	
292	9.836 145	8	9.974 092	15	0.025 908	9.862 053	7	708	
293	9.836 153	8	9.974 107	15	0.025 893	9.862 046	7	707	
294	9.836 161	8	9.974 122	15	0.025 878	9.862 039	7	706	
295	9.836 169	8	9.974 137	16	0.025 863	9.862 032	8	705	
296	9.836 177	8	9.974 153	15	0.025 847	9.862 024	7	704	
297	9.836 185	8	9.974 168	15	0.025 832	9.862 017	7	703	
298	9.836 193	8	9.974 183	15	0.025 817	9.862 010	7	702	
299	9.836 201	8	9.974 198	15	0.025 802	9.862 003	7	701	
.300	9.836 209		9.974 213		0.025 787	9.861 996		**.700**	
	cos	d	cotg	d	tang	sin	d	46°	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	9	8
1	0.9	0.8
2	1.8	1.6
3	2.7	2.4
4	3.6	3.2
5	4.5	4.0
6	5.4	4.8
7	6.3	5.6
8	7.2	6.4
9	8.1	7.2

	7
1	0.7
2	1.4
3	2.1
4	2.8
5	3.5
6	4.2
7	4.9
8	5.6
9	6.3

46°.750 — 46°.700

43°.300 — 43°.350

43°	sin	d	tang	d	cotg	cos	d		P.P.
.300	9.836 209	8	9.974 213	15	0.025 787	9.861 996	7	.700	
301	9.836 217	8	9.974 228	16	0.025 772	9.861 989	7	699	
302	9.836 225	8	9.974 244	15	0.025 756	9.861 982	8	698	
303	9.836 233	8	9.974 259	15	0.025 741	9.861 974	7	697	
304	9.836 241	8	9.974 274	15	0.025 726	9.861 967	7	696	
305	9.836 249	8	9.974 289	15	0.025 711	9.861 960	7	695	
306	9.836 257	8	9.974 304	16	0.025 696	9.861 953	7	694	
307	9.836 265	8	9.974 320	15	0.025 680	9.861 946	7	693	
308	9.836 273	8	9.974 335	15	0.025 665	9.861 939	8	692	
309	9.836 281	9	9.974 350	15	0.025 650	9.861 931	7	691	
.310	9.836 290	8	9.974 365	15	0.025 635	9.861 924	7	.690	
311	9.836 298	8	9.974 380	16	0.025 620	9.861 917	7	689	
312	9.836 306	8	9.974 396	15	0.025 604	9.861 910	7	688	
313	9.836 314	8	9.974 411	15	0.025 589	9.861 903	7	687	
314	9.836 322	8	9.974 426	15	0.025 574	9.861 896	7	686	
315	9.836 330	8	9.974 441	15	0.025 559	9.861 889	8	685	
316	9.836 338	8	9.974 456	15	0.025 544	9.861 881	7	684	
317	9.836 346	8	9.974 471	16	0.025 529	9.861 874	7	683	
318	9.836 354	8	9.974 487	15	0.025 513	9.861 867	7	682	
319	9.836 362	8	9.974 502	15	0.025 498	9.861 860	7	681	
.320	9.836 370	8	9.974 517	15	0.025 483	9.861 853	7	.680	
321	9.836 378	8	9.974 532	15	0.025 468	9.861 846	7	679	
322	9.836 386	8	9.974 547	16	0.025 453	9.861 839	8	678	
323	9.836 394	8	9.974 563	15	0.025 437	9.861 831	7	677	
324	9.836 402	8	9.974 578	15	0.025 422	9.861 824	7	676	
325	9.836 410	8	9.974 593	15	0.025 407	9.861 817	7	675	
326	9.836 418	8	9.974 608	15	0.025 392	9.861 810	7	674	
327	9.836 426	8	9.974 623	16	0.025 377	9.861 803	7	673	
328	9.836 434	8	9.974 639	15	0.025 361	9.861 796	7	672	
329	9.836 442	8	9.974 654	15	0.025 346	9.861 789	8	671	
.330	9.836 450	8	9.974 669	15	0.025 331	9.861 781	7	.670	
331	9.836 458	8	9.974 684	15	0.025 316	9.861 774	7	669	
332	9.836 466	8	9.974 699	15	0.025 301	9.861 767	7	668	
333	9.836 474	8	9.974 714	16	0.025 286	9.861 760	7	667	
334	9.836 482	8	9.974 730	15	0.025 270	9.861 753	7	666	
335	9.836 490	8	9.974 745	15	0.025 255	9.861 746	8	665	
336	9.836 498	9	9.974 760	15	0.025 240	9.861 738	7	664	
337	9.836 507	8	9.974 775	15	0.025 225	9.861 731	7	663	
338	9.836 515	8	9.974 790	16	0.025 210	9.861 724	7	662	
339	9.836 523	8	9.974 806	15	0.025 194	9.861 717	7	661	
.340	9.836 531	8	9.974 821	15	0.025 179	9.861 710	7	.660	
341	9.836 539	8	9.974 836	15	0.025 164	9.861 703	7	659	
342	9.836 547	8	9.974 851	15	0.025 149	9.861 696	7	658	
343	9.836 555	8	9.974 866	15	0.025 134	9.861 688	8	657	
344	9.836 563	8	9.974 881	16	0.025 119	9.861 681	7	656	
345	9.836 571	8	9.974 897	15	0.025 103	9.861 674	7	655	
346	9.836 579	8	9.974 912	15	0.025 088	9.861 667	7	654	
347	9.836 587	8	9.974 927	15	0.025 073	9.861 660	7	653	
348	9.836 595	8	9.974 942	15	0.025 058	9.861 653	7	652	
349	9.836 603	8	9.974 957	16	0.025 043	9.861 645	8	651	
.350	9.836 611		9.974 973		0.025 027	9.861 638	7	.650	
	cos	d	cotg	d	tang	sin	d	46°	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	9	8
1	0.9	0.8
2	1.8	1.6
3	2.7	2.4
4	3.6	3.2
5	4.5	4.0
6	5.4	4.8
7	6.3	5.6
8	7.2	6.4
9	8.1	7.2

	7
1	0.7
2	1.4
3	2.1
4	2.8
5	3.5
6	4.2
7	4.9
8	5.6
9	6.3

46°.700 — 46°.650

43°.350 — 43°.400

43°	sin	d	tang	d	cotg	cos	d		P.P.
.350	9.836 611	8	9.974 973	15	0.025 027	9.861 638	7	**.650**	
351	9.836 619	8	9.974 988	15	0.025 012	9.861 631	7	649	
352	9.836 627	8	9.975 003	15	0.024 997	9.861 624	7	648	
353	9.836 635	8	9.975 018	15	0.024 982	9.861 617	7	647	
354	9.836 643	8	9.975 033	16	0.024 967	9.861 610	7	646	
355	9.836 651	8	9.975 049	15	0.024 951	9.861 603	8	645	
356	9.836 659	8	9.975 064	15	0.024 936	9.861 595	7	644	
357	9.836 667	8	9.975 079	15	0.024 921	9.861 588	7	643	
358	9.836 675	8	9.975 094	15	0.024 906	9.861 581	7	642	
359	9.836 683	8	9.975 109	15	0.024 891	9.861 574	7	641	
.360	9.836 691	8	9.975 124	16	0.024 876	9.861 567	7	**.640**	
361	9.836 699	8	9.975 140	15	0.024 860	9.861 560	8	639	
362	9.836 707	8	9.975 155	15	0.024 845	9.861 552	7	638	
363	9.836 715	8	9.975 170	15	0.024 830	9.861 545	7	637	
364	9.836 723	8	9.975 185	15	0.024 815	9.861 538	7	636	
365	9.836 731	8	9.975 200	16	0.024 800	9.861 531	7	635	
366	9.836 739	8	9.975 216	15	0.024 784	9.861 524	7	634	
367	9.836 747	8	9.975 231	15	0.024 769	9.861 517	8	633	
368	9.836 755	8	9.975 246	15	0.024 754	9.861 509	7	632	
369	9.836 763	8	9.975 261	15	0.024 739	9.861 502	7	631	
.370	9.836 771	8	9.975 276	15	0.024 724	9.861 495	7	**.630**	
371	9.836 779	9	9.975 291	16	0.024 709	9.861 488	7	629	
372	9.836 788	8	9.975 307	15	0.024 693	9.861 481	7	628	
373	9.836 796	8	9.975 322	15	0.024 678	9.861 474	7	627	
374	9.836 804	8	9.975 337	15	0.024 663	9.861 467	8	626	
375	9.836 812	8	9.975 352	15	0.024 648	9.861 459	7	625	
376	9.836 820	8	9.975 367	16	0.024 633	9.861 452	7	624	
377	9.836 828	8	9.975 383	15	0.024 617	9.861 445	7	623	
378	9.836 836	8	9.975 398	15	0.024 602	9.861 438	7	622	
379	9.836 844	8	9.975 413	15	0.024 587	9.861 431	7	621	
.380	9.836 852	8	9.975 428	15	0.024 572	9.861 424	8	**.620**	
381	9.836 860	8	9.975 443	15	0.024 557	9.861 416	7	619	
382	9.836 868	8	9.975 458	16	0.024 542	9.861 409	7	618	
383	9.836 876	8	9.975 474	15	0.024 526	9.861 402	7	617	
384	9.836 884	8	9.975 489	15	0.024 511	9.861 395	7	616	
385	9.836 892	8	9.975 504	15	0.024 496	9.861 388	7	615	
386	9.836 900	8	9.975 519	15	0.024 481	9.861 381	8	614	
387	9.836 908	8	9.975 534	16	0.024 466	9.861 373	7	613	
388	9.836 916	8	9.975 550	15	0.024 450	9.861 366	7	612	
389	9.836 924	8	9.975 565	15	0.024 435	9.861 359	7	611	
.390	9.836 932	8	9.975 580	15	0.024 420	9.861 352	7	**.610**	
391	9.836 940	8	9.975 595	15	0.024 405	9.861 345	7	609	
392	9.836 948	8	9.975 610	16	0.024 390	9.861 338	8	608	
393	9.836 956	8	9.975 626	15	0.024 374	9.861 330	7	607	
394	9.836 964	8	9.975 641	15	0.024 359	9.861 323	7	606	
395	9.836 972	8	9.975 656	15	0.024 344	9.861 316	7	605	
396	9.836 980	8	9.975 671	15	0.024 329	9.861 309	7	604	
397	9.836 988	8	9.975 686	15	0.024 314	9.861 302	7	603	
398	9.836 996	8	9.975 701	16	0.024 299	9.861 295	8	602	
399	9.837 004	8	9.975 717	15	0.024 283	9.861 287	7	601	
.400	9.837 012		9.975 732		0.024 268	9.861 280		**.600**	
	cos	d	cotg	d	tang	sin	d	46°	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	9	8
1	0.9	0.8
2	1.8	1.6
3	2.7	2.4
4	3.6	3.2
5	4.5	4.0
6	5.4	4.8
7	6.3	5.6
8	7.2	6.4
9	8.1	7.2

	7
1	0.7
2	1.4
3	2.1
4	2.8
5	3.5
6	4.2
7	4.9
8	5.6
9	6.3

46°.650 — 46°.600

43°.400 — 43°.450

43°	sin	d	tang	d	cotg	cos	d		P.P.
.400	9.837 012	8	9.975 732	15	0.024 268	9.861 280	7	.600	
401	9.837 020	8	9.975 747	15	0.024 253	9.861 273	7	599	
402	9.837 028	8	9.975 762	15	0.024 238	9.861 266	7	598	
403	9.837 036	8	9.975 777	16	0.024 223	9.861 259	7	597	
404	9.837 044	8	9.975 793	15	0.024 207	9.861 252	8	596	
405	9.837 052	8	9.975 808	15	0.024 192	9.861 244	7	595	
406	9.837 060	8	9.975 823	15	0.024 177	9.861 237	7	594	
407	9.837 068	8	9.975 838	15	0.024 162	9.861 230	7	593	
408	9.837 076	8	9.975 853	15	0.024 147	9.861 223	7	592	
409	9.837 084	8	9.975 868	16	0.024 116	9.861 209	7	591	
.410	9.837 092	8	9.975 884	15	0.024 101	9.861 201	8	.590	
411	9.837 100	8	9.975 899	15	0.024 086	9.861 194	7	589	
412	9.837 108	8	9.975 914	15	0.024 071	9.861 187	7	588	
413	9.837 116	8	9.975 929	15	0.024 056	9.861 180	7	587	
414	9.837 124	8	9.975 944	16	0.024 040	9.861 173	7	586	
415	9.837 132	8	9.975 960	15	0.024 025	9.861 166	7	585	
416	9.837 140	8	9.975 975	15	0.024 010	9.861 158	8	584	
417	9.837 148	8	9.975 990	15	0.023 995	9.861 151	7	583	
418	9.837 156	8	9.976 005	15	0.023 980	9.861 144	7	582	
419	9.837 164	8	9.976 020	15	0.023 965	9.861 137	7	581	
.420	9.837 172	8	9.976 035	16	0.023 949	9.861 130	7	.580	
421	9.837 180	8	9.976 051	15	0.023 934	9.861 122	8	579	
422	9.837 188	8	9.976 066	15	0.023 919	9.861 115	7	578	
423	9.837 196	8	9.976 081	15	0.023 904	9.861 108	7	577	
424	9.837 204	8	9.976 096	15	0.023 889	9.861 101	7	576	
425	9.837 212	8	9.976 111	16	0.023 873	9.861 094	7	575	
426	9.837 220	8	9.976 127	15	0.023 858	9.861 087	7	574	
427	9.837 228	8	9.976 142	15	0.023 843	9.861 079	8	573	
428	9.837 236	8	9.976 157	15	0.023 828	9.861 072	7	572	
429	9.837 244	8	9.976 172	15	0.023 813	9.861 065	7	571	
.430	9.837 252	8	9.976 187	15	0.023 798	9.861 058	7	.570	
431	9.837 260	8	9.976 202	16	0.023 782	9.861 051	7	569	
432	9.837 268	8	9.976 218	15	0.023 767	9.861 044	7	568	
433	9.837 276	8	9.976 233	15	0.023 752	9.861 036	8	567	
434	9.837 284	8	9.976 248	15	0.023 737	9.861 029	7	566	
435	9.837 292	8	9.976 263	15	0.023 722	9.861 022	7	565	
436	9.837 300	8	9.976 278	16	0.023 706	9.861 015	7	564	
437	9.837 308	8	9.976 294	15	0.023 691	9.861 008	7	563	
438	9.837 316	8	9.976 309	15	0.023 676	9.861 001	7	562	
439	9.837 324	8	9.976 324	15	0.023 661	9.860 993	8	561	
.440	9.837 332	8	9.976 339	15	0.023 646	9.860 986	7	.560	
441	9.837 340	8	9.976 354	15	0.023 631	9.860 979	7	559	
442	9.837 348	8	9.976 369	16	0.023 615	9.860 972	7	558	
443	9.837 356	8	9.976 385	15	0.023 600	9.860 965	7	557	
444	9.837 364	8	9.976 400	15	0.023 585	9.860 957	8	556	
445	9.837 372	8	9.976 415	15	0.023 570	9.860 950	7	555	
446	9.837 380	8	9.976 430	15	0.023 555	9.860 943	7	554	
447	9.837 388	8	9.976 445	16	0.023 539	9.860 936	7	553	
448	9.837 396	8	9.976 461	15	0.023 524	9.860 929	7	552	
449	9.837 404	8	9.976 476	15	0.023 509	9.860 922	7	551	
.450	9.837 412		9.976 491					.550	
	cos	d	cotg	d	tang	sin	d	46°	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	8	7
1	0.8	0.7
2	1.6	1.4
3	2.4	2.1
4	3.2	2.8
5	4.0	3.5
6	4.8	4.2
7	5.6	4.9
8	6.4	5.6
9	7.2	6.3

46°.600 — 46°.550

43°.450 — 43°.500

43°	sin	d	tang	d	cotg	cos	d		P.P.
.450	9.837 412	8	9.976 491	15	0.023 509	9.860 922	8	**.550**	
451	9.837 420	8	9.976 506	15	0.023 494	9.860 914	7	549	
452	9.837 428	8	9.976 521	15	0.023 479	9.860 907	7	548	
453	9.837 436	8	9.976 536	16	0.023 464	9.860 900	7	547	
454	9.837 444	8	9.976 552	15	0.023 448	9.860 893	7	546	
455	9.837 452	8	9.976 567	15	0.023 433	9.860 886	8	545	
456	9.837 460	8	9.976 582	15	0.023 418	9.860 878	7	544	
457	9.837 468	8	9.976 597	15	0.023 403	9.860 871	7	543	
458	9.837 476	8	9.976 612	16	0.023 388	9.860 864	7	542	
459	9.837 484	8	9.976 628	15	0.023 372	9.860 857	7	541	
.460	9.837 492	8	9.976 643	15	0.023 357	9.860 850	7	**.540**	
461	9.837 500	8	9.976 658	15	0.023 342	9.860 843	8	539	
462	9.837 508	8	9.976 673	15	0.023 327	9.860 835	7	538	
463	9.837 516	8	9.976 688	15	0.023 312	9.860 828	7	537	
464	9.837 524	8	9.976 703	16	0.023 297	9.860 821	7	536	
465	9.837 532	8	9.976 719	15	0.023 281	9.860 814	7	535	
466	9.837 540	8	9.976 734	15	0.023 266	9.860 807	8	534	
467	9.837 548	8	9.976 749	15	0.023 251	9.860 799	7	533	
468	9.837 556	8	9.976 764	15	0.023 236	9.860 792	7	532	
469	9.837 564	8	9.976 779	16	0.023 221	9.860 785	7	531	
.470	9.837 572	8	9.976 795	15	0.023 205	9.860 778	7	**.530**	
471	9.837 580	8	9.976 810	15	0.023 190	9.860 771	7	529	
472	9.837 588	8	9.976 825	15	0.023 175	9.860 764	8	528	
473	9.837 596	8	9.976 840	15	0.023 160	9.860 756	7	527	
474	9.837 604	8	9.976 855	15	0.023 145	9.860 749	7	526	
475	9.837 612	8	9.976 870	16	0.023 130	9.860 742	7	525	
476	9.837 620	8	9.976 886	15	0.023 114	9.860 735	7	524	
477	9.837 628	8	9.976 901	15	0.023 099	9.860 728	8	523	
478	9.837 636	8	9.976 916	15	0.023 084	9.860 720	7	522	
479	9.837 644	8	9.976 931	15	0.023 069	9.860 713	7	521	
.480	9.837 652	8	9.976 946	16	0.023 054	9.860 706	7	**.520**	
481	9.837 660	8	9.976 962	15	0.023 038	9.860 699	7	519	
482	9.837 668	8	9.976 977	15	0.023 023	9.860 692	8	518	
483	9.837 676	8	9.976 992	15	0.023 008	9.860 684	7	517	
484	9.837 684	8	9.977 007	15	0.022 993	9.860 677	7	516	
485	9.837 692	8	9.977 022	15	0.022 978	9.860 670	7	515	
486	9.837 700	8	9.977 037	16	0.022 963	9.860 663	7	514	
487	9.837 708	8	9.977 053	15	0.022 947	9.860 656	7	513	
488	9.837 716	8	9.977 068	15	0.022 932	9.860 649	8	512	
489	9.837 724	8	9.977 083	15	0.022 917	9.860 641	7	511	
.490	9.837 732	8	9.977 098	15	0.022 902	9.860 634	7	**.510**	
491	9.837 740	8	9.977 113	16	0.022 887	9.860 627	7	509	
492	9.837 748	8	9.977 129	15	0.022 871	9.860 620	7	508	
493	9.837 756	8	9.977 144	15	0.022 856	9.860 613	8	507	
494	9.837 764	8	9.977 159	15	0.022 841	9.860 605	7	506	
495	9.837 772	8	9.977 174	15	0.022 826	9.860 598	7	505	
496	9.837 780	8	9.977 189	15	0.022 811	9.860 591	7	504	
497	9.837 788	8	9.977 204	16	0.022 796	9.860 584	7	503	
498	9.837 796	8	9.977 220	15	0.022 780	9.860 577	8	502	
499	9.837 804	8	9.977 235	15	0.022 765	9.860 569	7	501	
.500	9.837 812		9.977 250		0.022 750	9.860 562		**.500**	
	cos	d	cotg	d	tang	sin	d	46°	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	8	7
1	0.8	0.7
2	1.6	1.4
3	2.4	2.1
4	3.2	2.8
5	4.0	3.5
6	4.8	4.2
7	5.6	4.9
8	6.4	5.6
9	7.2	6.3

46°.550 — 46°.500

43°.500 — 43°.550

43°	sin	d	tang	d	cotg	cos	d		P.P.
.500	9.837 812	8	9.977 250	15	0.022 750	9.860 562	7	.500	
501	9.837 820	8	9.977 265	15	0.022 735	9.860 555	7	499	
502	9.837 828	8	9.977 280	16	0.022 720	9.860 548	7	498	
503	9.837 836	8	9.977 296	15	0.022 704	9.860 541	8	497	
504	9.837 844	8	9.977 311	15	0.022 689	9.860 533	7	496	
505	9.837 852	8	9.977 326	15	0.022 674	9.860 526	7	495	
506	9.837 860	8	9.977 341	15	0.022 659	9.860 519	7	494	
507	9.837 868	8	9.977 356	15	0.022 644	9.860 512	7	493	
508	9.837 876	8	9.977 371	16	0.022 629	9.860 505	8	492	
509	9.837 884	8	9.977 387	15	0.022 613	9.860 497	7	491	
.510	9.837 892	8	9.977 402	15	0.022 598	9.860 490	7	.490	
511	9.837 900	8	9.977 417	15	0.022 583	9.860 483	7	489	
512	9.837 908	8	9.977 432	15	0.022 568	9.860 476	7	488	
513	9.837 916	8	9.977 447	16	0.022 553	9.860 469	8	487	
514	9.837 924	8	9.977 463	15	0.022 537	9.860 461	7	486	
515	9.837 932	8	9.977 478	15	0.022 522	9.860 454	7	485	
516	9.837 940	8	9.977 493	15	0.022 507	9.860 447	7	484	
517	9.837 948	8	9.977 508	15	0.022 492	9.860 440	7	483	
518	9.837 956	8	9.977 523	15	0.022 477	9.860 433	8	482	
519	9.837 964	8	9.977 538	16	0.022 462	9.860 425	7	481	
.520	9.837 972	8	9.977 554	15	0.022 446	9.860 418	7	.480	
521	9.837 980	8	9.977 569	15	0.022 431	9.860 411	7	479	
522	9.837 988	8	9.977 584	15	0.022 416	9.860 404	7	478	
523	9.837 996	8	9.977 599	15	0.022 401	9.860 397	7	477	
524	9.838 004	8	9.977 614	16	0.022 386	9.860 390	8	476	
525	9.838 012	8	9.977 630	15	0.022 370	9.860 382	7	475	
526	9.838 020	8	9.977 645	15	0.022 355	9.860 375	7	474	
527	9.838 028	8	9.977 660	15	0.022 340	9.860 368	7	473	
528	9.838 036	8	9.977 675	15	0.022 325	9.860 361	7	472	
529	9.838 044	8	9.977 690	15	0.022 310	9.860 354	8	471	
.530	9.838 052	8	9.977 705	16	0.022 295	9.860 346	7	.470	
531	9.838 060	8	9.977 721	15	0.022 279	9.860 339	7	469	
532	9.838 068	8	9.977 736	15	0.022 264	9.860 332	7	468	
533	9.838 076	8	9.977 751	15	0.022 249	9.860 325	8	467	
534	9.838 084	8	9.977 766	15	0.022 234	9.860 317	7	466	
535	9.838 092	8	9.977 781	15	0.022 219	9.860 310	7	465	
536	9.838 100	8	9.977 796	16	0.022 204	9.860 303	7	464	
537	9.838 108	8	9.977 812	15	0.022 188	9.860 296	7	463	
538	9.838 116	8	9.977 827	15	0.022 173	9.860 289	8	462	
539	9.838 124	7	9.977 842	15	0.022 158	9.860 281	7	461	
.540	9.838 131	8	9.977 857	15	0.022 143	9.860 274	7	.460	
541	9.838 139	8	9.977 872	16	0.022 128	9.860 267	7	459	
542	9.838 147	8	9.977 888	15	0.022 112	9.860 260	7	458	
543	9.838 155	8	9.977 903	15	0.022 097	9.860 253	8	457	
544	9.838 163	8	9.977 918	15	0.022 082	9.860 245	7	456	
545	9.838 171	8	9.977 933	15	0.022 067	9.860 238	7	455	
546	9.838 179	8	9.977 948	15	0.022 052	9.860 231	7	454	
547	9.838 187	8	9.977 963	16	0.022 037	9.860 224	7	453	
548	9.838 195	8	9.977 979	15	0.022 021	9.860 217	8	452	
549	9.838 203	8	9.977 994	15	0.022 006	9.860 209	7	451	
.550	9.838 211		9.978 009		0.021 991	9.860 202		.450	
	cos	d	cotg	d	tang	sin	d	46°	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
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7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	8	7
1	0.8	0.7
2	1.6	1.4
3	2.4	2.1
4	3.2	2.8
5	4.0	3.5
6	4.8	4.2
7	5.6	4.9
8	6.4	5.6
9	7.2	6.3

46°.500 — 46°.450

43°.550 — 43°.600

43°	sin	d	tang	d	cotg	cos	d		P.P.
.550	9.838 211	8	9.978 009	15	0.021 991	9.860 202	7	**.450**	
551	9.838 219	8	9.978 024	15	0.021 976	9.860 195	7	449	
552	9.838 227	8	9.978 039	16	0.021 961	9.860 188	7	448	
553	9.838 235	8	9.978 055	15	0.021 945	9.860 181	8	447	
554	9.838 243	8	9.978 070	15	0.021 930	9.860 173	7	446	
555	9.838 251	8	9.978 085	15	0.021 915	9.860 166	7	445	
556	9.838 259	8	9.978 100	15	0.021 900	9.860 159	7	444	
557	9.838 267	8	9.978 115	15	0.021 885	9.860 152	7	443	
558	9.838 275	8	9.978 130	16	0.021 870	9.860 145	8	442	
559	9.838 283	8	9.978 146	15	0.021 854	9.860 137	7	441	
.560	9.838 291	8	9.978 161	15	0.021 839	9.860 130	7	**.440**	
561	9.838 299	8	9.978 176	15	0.021 824	9.860 123	7	439	
562	9.838 307	8	9.978 191	15	0.021 809	9.860 116	7	438	
563	9.838 315	8	9.978 206	15	0.021 794	9.860 109	8	437	
564	9.838 323	8	9.978 221	16	0.021 779	9.860 101	7	436	
565	9.838 331	8	9.978 237	15	0.021 763	9.860 094	7	435	
566	9.838 339	8	9.978 252	15	0.021 748	9.860 087	7	434	
567	9.838 347	8	9.978 267	15	0.021 733	9.860 080	8	433	
568	9.838 355	8	9.978 282	15	0.021 718	9.860 072	7	432	
569	9.838 363	8	9.978 297	16	0.021 703	9.860 065	7	431	
.570	9.838 371	8	9.978 313	15	0.021 687	9.860 058	7	**.430**	
571	9.838 379	8	9.978 328	15	0.021 672	9.860 051	7	429	
572	9.838 387	8	9.978 343	15	0.021 657	9.860 044	8	428	
573	9.838 395	8	9.978 358	15	0.021 642	9.860 036	7	427	
574	9.838 403	7	9.978 373	15	0.021 627	9.860 029	7	426	
575	9.838 410	8	9.978 388	16	0.021 612	9.860 022	7	425	
576	9.838 418	8	9.978 404	15	0.021 596	9.860 015	7	424	
577	9.838 426	8	9.978 419	15	0.021 581	9.860 008	8	423	
578	9.838 434	8	9.978 434	15	0.021 566	9.860 000	7	422	
579	9.838 442	8	9.978 449	15	0.021 551	9.859 993	7	421	
.580	9.838 450	8	9.978 464	16	0.021 536	9.859 986	7	**.420**	
581	9.838 458	8	9.978 480	15	0.021 520	9.859 979	7	419	
582	9.838 466	8	9.978 495	15	0.021 505	9.859 972	8	418	
583	9.838 474	8	9.978 510	15	0.021 490	9.859 964	7	417	
584	9.838 482	8	9.978 525	15	0.021 475	9.859 957	7	416	
585	9.838 490	8	9.978 540	15	0.021 460	9.859 950	7	415	
586	9.838 498	8	9.978 555	16	0.021 445	9.859 943	8	414	
587	9.838 506	8	9.978 571	15	0.021 429	9.859 935	7	413	
588	9.838 514	8	9.978 586	15	0.021 414	9.859 928	7	412	
589	9.838 522	8	9.978 601	15	0.021 399	9.859 921	7	411	
.590	9.838 530	8	9.978 616	15	0.021 384	9.859 914	7	**.410**	
591	9.838 538	8	9.978 631	15	0.021 369	9.859 907	8	409	
592	9.838 546	8	9.978 646	16	0.021 354	9.859 899	7	408	
593	9.838 554	8	9.978 662	15	0.021 338	9.859 892	7	407	
594	9.838 562	8	9.978 677	15	0.021 323	9.859 885	7	406	
595	9.838 570	8	9.978 692	15	0.021 308	9.859 878	7	405	
596	9.838 578	8	9.978 707	15	0.021 293	9.859 871	8	404	
597	9.838 586	8	9.978 722	16	0.021 278	9.859 863	7	403	
598	9.838 594	8	9.978 738	15	0.021 262	9.859 856	7	402	
599	9.838 602	8	9.978 753	15	0.021 247	9.859 849	7	401	
.600	9.838 610		9.978 768		0.021 232	9.859 842		**.400**	
	cos	d	cotg	d	tang	sin	d	**46°**	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	8	7
1	0.8	0.7
2	1.6	1.4
3	2.4	2.1
4	3.2	2.8
5	4.0	3.5
6	4.8	4.2
7	5.6	4.9
8	6.4	5.6
9	7.2	6.3

46°.450 — 46°.400

43°.600 — 43°.650

43°	sin	d	tang	d	cotg	cos	d		P.P.
.600	9.838 610	8	9.978 768	15	0.021 232	9.859 842	8	**.400**	
601	9.838 618	7	9.978 783	15	0.021 217	9.859 834	7	399	
602	9.838 625	8	9.978 798	15	0.021 202	9.859 827	7	398	
603	9.838 633	8	9.978 813	16	0.021 187	9.859 820	7	397	
604	9.838 641	8	9.978 829	15	0.021 171	9.859 813	7	396	
605	9.838 649	8	9.978 844	15	0.021 156	9.859 806	8	395	
606	9.838 657	8	9.978 859	15	0.021 141	9.859 798	7	394	
607	9.838 665	8	9.978 874	15	0.021 126	9.859 791	7	393	
608	9.838 673	8	9.978 889	16	0.021 111	9.859 784	7	392	
609	9.838 681	8	9.978 905	15	0.021 095	9.859 777	8	391	
.610	9.838 689	8	9.978 920	15	0.021 080	9.859 769	7	**.390**	
611	9.838 697	8	9.978 935	15	0.021 065	9.859 762	7	389	
612	9.838 705	8	9.978 950	15	0.021 050	9.859 755	7	388	
613	9.838 713	8	9.978 965	15	0.021 035	9.859 748	7	387	
614	9.838 721	8	9.978 980	16	0.021 020	9.859 741	8	386	
615	9.838 729	8	9.978 996	15	0.021 004	9.859 733	7	385	
616	9.838 737	8	9.979 011	15	0.020 989	9.859 726	7	384	
617	9.838 745	8	9.979 026	15	0.020 974	9.859 719	7	383	
618	9.838 753	8	9.979 041	15	0.020 959	9.859 712	8	382	
619	9.838 761	8	9.979 056	15	0.020 944	9.859 704	7	381	
.620	9.838 769	8	9.979 071	16	0.020 929	9.859 697	7	**.380**	
621	9.838 777	8	9.979 087	15	0.020 913	9.859 690	7	379	
622	9.838 785	8	9.979 102	15	0.020 898	9.859 683	7	378	
623	9.838 793	8	9.979 117	15	0.020 883	9.859 676	8	377	
624	9.838 801	7	9.979 132	15	0.020 868	9.859 668	7	376	
625	9.838 808	8	9.979 147	16	0.020 853	9.859 661	7	375	
626	9.838 816	8	9.979 163	15	0.020 837	9.859 654	7	374	
627	9.838 824	8	9.979 178	15	0.020 822	9.859 647	8	373	
628	9.838 832	8	9.979 193	15	0.020 807	9.859 639	7	372	
629	9.838 840	8	9.979 208	15	0.020 792	9.859 632	7	371	
.630	9.838 848	8	9.979 223	15	0.020 777	9.859 625	7	**.370**	
631	9.838 856	8	9.979 238	16	0.020 762	9.859 618	7	369	
632	9.838 864	8	9.979 254	15	0.020 746	9.859 611	8	368	
633	9.838 872	8	9.979 269	15	0.020 731	9.859 603	7	367	
634	9.838 880	8	9.979 284	15	0.020 716	9.859 596	7	366	
635	9.838 888	8	9.979 299	15	0.020 701	9.859 589	7	365	
636	9.838 896	8	9.979 314	15	0.020 686	9.859 582	8	364	
637	9.838 904	8	9.979 329	16	0.020 671	9.859 574	7	363	
638	9.838 912	8	9.979 345	15	0.020 655	9.859 567	7	362	
639	9.838 920	8	9.979 360	15	0.020 640	9.859 560	7	361	
.640	9.838 928	8	9.979 375	15	0.020 625	9.859 553	8	**.360**	
641	9.838 936	8	9.979 390	15	0.020 610	9.859 545	7	359	
642	9.838 944	8	9.979 405	16	0.020 595	9.859 538	7	358	
643	9.838 952	8	9.979 421	15	0.020 579	9.859 531	7	357	
644	9.838 960	7	9.979 436	15	0.020 564	9.859 524	7	356	
645	9.838 967	8	9.979 451	15	0.020 549	9.859 517	8	355	
646	9.838 975	8	9.979 466	15	0.020 534	9.859 509	7	354	
647	9.838 983	8	9.979 481	15	0.020 519	9.859 502	7	353	
648	9.838 991	8	9.979 496	16	0.020 504	9.859 495	7	352	
649	9.838 999	8	9.979 512	15	0.020 488	9.859 488	8	351	
.650	9.839 007		9.979 527		0.020 473	9.859 480		**.350**	
	cos	d	cotg	d	tang	sin	d	46°	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	8	7
1	0.8	0.7
2	1.6	1.4
3	2.4	2.1
4	3.2	2.8
5	4.0	3.5
6	4.8	4.2
7	5.6	4.9
8	6.4	5.6
9	7.2	6.3

46°.400 — 46°.350

43°.650 — 43°.700

43°	sin	d	tang	d	cotg	cos	d		P.P.
.650	9.839 007	8	9.979 527	15	0.020 473	9.859 480	7	.350	
651	9.839 015	8	9.979 542	15	0.020 458	9.859 473	7	349	
652	9.839 023	8	9.979 557	15	0.020 443	9.859 466	7	348	
653	9.839 031	8	9.979 572	15	0.020 428	9.859 459	8	347	
654	9.839 039	8	9.979 587	16	0.020 413	9.859 451	7	346	
655	9.839 047	8	9.979 603	15	0.020 397	9.859 444	7	345	
656	9.839 055	8	9.979 618	15	0.020 382	9.859 437	7	344	
657	9.839 063	8	9.979 633	15	0.020 367	9.859 430	7	343	
658	9.839 071	8	9.979 648	15	0.020 352	9.859 423	8	342	
659	9.839 079	8	9.979 663	16	0.020 337	9.859 415	7	341	
.660	9.839 087	8	9.979 679	15	0.020 321	9.859 408	7	.340	
661	9.839 095	8	9.979 694	15	0.020 306	9.859 401	7	339	
662	9.839 103	7	9.979 709	15	0.020 291	9.859 394	8	338	
663	9.839 110	8	9.979 724	15	0.020 276	9.859 386	7	337	
664	9.839 118	8	9.979 739	15	0.020 261	9.859 379	7	336	
665	9.839 126	8	9.979 754	16	0.020 246	9.859 372	7	335	
666	9.839 134	8	9.979 770	15	0.020 230	9.859 365	8	334	
667	9.839 142	8	9.979 785	15	0.020 215	9.859 357	7	333	
668	9.839 150	8	9.979 800	15	0.020 200	9.859 350	7	332	
669	9.839 158	8	9.979 815	15	0.020 185	9.859 343	7	331	
.670	9.839 166	8	9.979 830	15	0.020 170	9.859 336	7	.330	
671	9.839 174	8	9.979 845	16	0.020 155	9.859 329	8	329	
672	9.839 182	8	9.979 861	15	0.020 139	9.859 321	7	328	
673	9.839 190	8	9.979 876	15	0.020 124	9.859 314	7	327	
674	9.839 198	8	9.979 891	15	0.020 109	9.859 307	7	326	
675	9.839 206	8	9.979 906	15	0.020 094	9.859 300	8	325	
676	9.839 214	8	9.979 921	16	0.020 079	9.859 292	7	324	
677	9.839 222	8	9.979 937	15	0.020 063	9.859 285	7	323	
678	9.839 230	8	9.979 952	15	0.020 048	9.859 278	7	322	
679	9.839 238	7	9.979 967	15	0.020 033	9.859 271	8	321	
.680	9.839 245	8	9.979 982	15	0.020 018	9.859 263	7	.320	
681	9.839 253	8	9.979 997	15	0.020 003	9.859 256	7	319	
682	9.839 261	8	9.980 012	16	0.019 988	9.859 249	7	318	
683	9.839 269	8	9.980 028	15	0.019 972	9.859 242	8	317	
684	9.839 277	8	9.980 043	15	0.019 957	9.859 234	7	316	
685	9.839 285	8	9.980 058	15	0.019 942	9.859 227	7	315	
686	9.839 293	8	9.980 073	15	0.019 927	9.859 220	7	314	
687	9.839 301	8	9.980 088	15	0.019 912	9.859 213	8	313	
688	9.839 309	8	9.980 103	16	0.019 897	9.859 205	7	312	
689	9.839 317	8	9.980 119	15	0.019 881	9.859 198	7	311	
.690	9.839 325	8	9.980 134	15	0.019 866	9.859 191	7	.310	
691	9.839 333	8	9.980 149	15	0.019 851	9.859 184	7	309	
692	9.839 341	8	9.980 164	15	0.019 836	9.859 177	8	308	
693	9.839 349	8	9.980 179	16	0.019 821	9.859 169	7	307	
694	9.839 357	7	9.980 195	15	0.019 805	9.859 162	7	306	
695	9.839 364	8	9.980 210	15	0.019 790	9.859 155	7	305	
696	9.839 372	8	9.980 225	15	0.019 775	9.859 148	8	304	
697	9.839 380	8	9.980 240	15	0.019 760	9.859 140	7	303	
698	9.839 388	8	9.980 255	15	0.019 745	9.859 133	7	302	
699	9.839 396	8	9.980 270	16	0.019 730	9.859 126	7	301	
.700	9.839 404		9.980 286		0.019 714	9.859 119		.300	
	cos	d	cotg	d	tang	sin	d	46°	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	8	7
1	0.8	0.7
2	1.6	1.4
3	2.4	2.1
4	3.2	2.8
5	4.0	3.5
6	4.8	4.2
7	5.6	4.9
8	6.4	5.6
9	7.2	6.3

46°.350 — 46°.300

43°.700 — 43°.750

43°	sin	d	tang	d	cotg	cos	d		P.P.
.700	9.839 404	8	9.980 286	15	0.019 714	9.859 119	8	.300	
701	9.839 412	8	9.980 301	15	0.019 699	9.859 111	7	299	
702	9.839 420	8	9.980 316	15	0.019 684	9.859 104	7	298	
703	9.839 428	8	9.980 331	15	0.019 669	9.859 097	7	297	
704	9.839 436	8	9.980 346	15	0.019 654	9.859 090	8	296	
705	9.839 444	8	9.980 361	16	0.019 639	9.859 082	7	295	
706	9.839 452	8	9.980 377	15	0.019 623	9.859 075	7	294	
707	9.839 460	8	9.980 392	15	0.019 608	9.859 068	7	293	
708	9.839 468	8	9.980 407	15	0.019 593	9.859 061	8	292	
709	9.839 476	7	9.980 422	15	0.019 578	9.859 053	7	291	
.710	9.839 483	8	9.980 437	16	0.019 563	9.859 046	7	.290	
711	9.839 491	8	9.980 453	15	0.019 547	9.859 039	7	289	
712	9.839 499	8	9.980 468	15	0.019 532	9.859 032	8	288	
713	9.839 507	8	9.980 483	15	0.019 517	9.859 024	7	287	
714	9.839 515	8	9.980 498	15	0.019 502	9.859 017	7	286	
715	9.839 523	8	9.980 513	15	0.019 487	9.859 010	7	285	
716	9.839 531	8	9.980 528	16	0.019 472	9.859 003	8	284	
717	9.839 539	8	9.980 544	15	0.019 456	9.858 995	7	283	
718	9.839 547	8	9.980 559	15	0.019 441	9.858 988	7	282	
719	9.839 555	8	9.980 574	15	0.019 426	9.858 981	7	281	
.720	9.839 563	8	9.980 589	15	0.019 411	9.858 974	8	.280	
721	9.839 571	8	9.980 604	15	0.019 396	9.858 966	7	279	
722	9.839 579	7	9.980 619	16	0.019 381	9.858 959	7	278	
723	9.839 586	8	9.980 635	15	0.019 365	9.858 952	7	277	
724	9.839 594	8	9.980 650	15	0.019 350	9.858 945	8	276	
725	9.839 602	8	9.980 665	15	0.019 335	9.858 937	7	275	
726	9.839 610	8	9.980 680	15	0.019 320	9.858 930	7	274	
727	9.839 618	8	9.980 695	15	0.019 305	9.858 923	7	273	
728	9.839 626	8	9.980 710	16	0.019 290	9.858 916	8	272	
729	9.839 634	8	9.980 726	15	0.019 274	9.858 908	7	271	
.730	9.839 642	8	9.980 741	15	0.019 259	9.858 901	7	.270	
731	9.839 650	8	9.980 756	15	0.019 244	9.858 894	7	269	
732	9.839 658	8	9.980 771	15	0.019 229	9.858 887	8	268	
733	9.839 666	8	9.980 786	16	0.019 214	9.858 879	7	267	
734	9.839 674	8	9.980 802	15	0.019 198	9.858 872	7	266	
735	9.839 682	8	9.980 817	15	0.019 183	9.858 865	7	265	
736	9.839 690	7	9.980 832	15	0.019 168	9.858 858	8	264	
737	9.839 697	8	9.980 847	15	0.019 153	9.858 850	7	263	
738	9.839 705	8	9.980 862	15	0.019 138	9.858 843	7	262	
739	9.839 713	8	9.980 877	16	0.019 123	9.858 836	7	261	
.740	9.839 721	8	9.980 893	15	0.019 107	9.858 829	8	.260	
741	9.839 729	8	9.980 908	15	0.019 092	9.858 821	7	259	
742	9.839 737	8	9.980 923	15	0.019 077	9.858 814	7	258	
743	9.839 745	8	9.980 938	15	0.019 062	9.858 807	7	257	
744	9.839 753	8	9.980 953	15	0.019 047	9.858 800	8	256	
745	9.839 761	8	9.980 968	16	0.019 032	9.858 792	7	255	
746	9.839 769	8	9.980 984	15	0.019 016	9.858 785	7	254	
747	9.839 777	8	9.980 999	15	0.019 001	9.858 778	7	253	
748	9.839 785	7	9.981 014	15	0.018 986	9.858 771	8	252	
749	9.839 792	8	9.981 029	15	0.018 971	9.858 763	7	251	
.750	9.839 800		9.981 044		0.018 956	9.858 756		.250	
	cos	d	cotg	d	tang	sin	d	46°	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	8	7
1	0.8	0.7
2	1.6	1.4
3	2.4	2.1
4	3.2	2.8
5	4.0	3.5
6	4.8	4.2
7	5.6	4.9
8	6.4	5.6
9	7.2	6.3

46°.300 — 46°.250

43°.750 — 43°.800

43°	sin	d	tang	d	cotg	cos	d		P.P.
.750	9.839 800	8	9.981 044	15	0.018 956	9.858 756	7	.250	
751	9.839 808	8	9.981 059	16	0.018 941	9.858 749	7	249	
752	9.839 816	8	9.981 075	15	0.018 925	9.858 742	8	248	
753	9.839 824	8	9.981 090	15	0.018 910	9.858 734	7	247	
754	9.839 832	8	9.981 105	15	0.018 895	9.858 727	7	246	
755	9.839 840	8	9.981 120	15	0.018 880	9.858 720	7	245	
756	9.839 848	8	9.981 135	16	0.018 865	9.858 713	8	244	
757	9.839 856	8	9.981 151	15	0.018 849	9.858 705	7	243	
758	9.839 864	8	9.981 166	15	0.018 834	9.858 698	7	242	
759	9.839 872	8	9.981 181	15	0.018 819	9.858 691	8	241	
.760	9.839 880	7	9.981 196	15	0.018 804	9.858 683	7	.240	
761	9.839 887	8	9.981 211	15	0.018 789	9.858 676	7	239	
762	9.839 895	8	9.981 226	16	0.018 774	9.858 669	7	238	
763	9.839 903	8	9.981 242	15	0.018 758	9.858 662	8	237	
764	9.839 911	8	9.981 257	15	0.018 743	9.858 654	7	236	
765	9.839 919	8	9.981 272	15	0.018 728	9.858 647	7	235	
766	9.839 927	8	9.981 287	15	0.018 713	9.858 640	7	234	
767	9.839 935	8	9.981 302	15	0.018 698	9.858 633	8	233	
768	9.839 943	8	9.981 317	16	0.018 683	9.858 625	7	232	
769	9.839 951	8	9.981 333	15	0.018 667	9.858 618	7	231	
.770	9.839 959	8	9.981 348	15	0.018 652	9.858 611	7	.230	
771	9.839 967	8	9.981 363	15	0.018 637	9.858 604	8	229	
772	9.839 975	7	9.981 378	15	0.018 622	9.858 596	7	228	
773	9.839 982	8	9.981 393	15	0.018 607	9.858 589	7	227	
774	9.839 990	8	9.981 408	16	0.018 592	9.858 582	7	226	
775	9.839 998	8	9.981 424	15	0.018 576	9.858 575	8	225	
776	9.840 006	8	9.981 439	15	0.018 561	9.858 567	7	224	
777	9.840 014	8	9.981 454	15	0.018 546	9.858 560	7	223	
778	9.840 022	8	9.981 469	15	0.018 531	9.858 553	7	222	
779	9.840 030	8	9.981 484	16	0.018 516	9.858 546	8	221	
.780	9.840 038	8	9.981 500	15	0.018 500	9.858 538	7	.220	
781	9.840 046	8	9.981 515	15	0.018 485	9.858 531	7	219	
782	9.840 054	8	9.981 530	15	0.018 470	9.858 524	8	218	
783	9.840 062	7	9.981 545	15	0.018 455	9.858 516	7	217	
784	9.840 069	8	9.981 560	15	0.018 440	9.858 509	7	216	
785	9.840 077	8	9.981 575	16	0.018 425	9.858 502	7	215	
786	9.840 085	8	9.981 591	15	0.018 409	9.858 495	8	214	
787	9.840 093	8	9.981 606	15	0.018 394	9.858 487	7	213	
788	9.840 101	8	9.981 621	15	0.018 379	9.858 480	7	212	
789	9.840 109	8	9.981 636	15	0.018 364	9.858 473	7	211	
.790	9.840 117	8	9.981 651	15	0.018 349	9.858 466	8	.210	
791	9.840 125	8	9.981 666	16	0.018 334	9.858 458	7	209	
792	9.840 133	8	9.981 682	15	0.018 318	9.858 451	7	208	
793	9.840 141	8	9.981 697	15	0.018 303	9.858 444	7	207	
794	9.840 149	7	9.981 712	15	0.018 288	9.858 437	8	206	
795	9.840 156	8	9.981 727	15	0.018 273	9.858 429	7	205	
796	9.840 164	8	9.981 742	15	0.018 258	9.858 422	7	204	
797	9.840 172	8	9.981 757	16	0.018 243	9.858 415	8	203	
798	9.840 180	8	9.981 773	15	0.018 227	9.858 407	7	202	
799	9.840 188	8	9.981 788	15	0.018 212	9.858 400	7	201	
.800	9.840 196		9.981 803		0.018 197	9.858 393		.200	
	cos	d	cotg	d	tang	sin	d	46°	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	8	7
1	0.8	0.7
2	1.6	1.4
3	2.4	2.1
4	3.2	2.8
5	4.0	3.5
6	4.8	4.2
7	5.6	4.9
8	6.4	5.6
9	7.2	6.3

46°.250 — 46°.200

43°.800 — 43°.850

43°	sin	d	tang	d	cotg	cos	d		P.P.
.800	9.840 196	8	9.981 803	15	0.018 197	9.858 393	7	**.200**	
801	9.840 204	8	9.981 818	15	0.018 182	9.858 386	8	199	
802	9.840 212	8	9.981 833	16	0.018 167	9.858 378	7	198	
803	9.840 220	8	9.981 849	15	0.018 151	9.858 371	7	197	
804	9.840 228	7	9.981 864	15	0.018 136	9.858 364	7	196	
805	9.840 235	8	9.981 879	15	0.018 121	9.858 357	8	195	
806	9.840 243	8	9.981 894	15	0.018 106	9.858 349	7	194	
807	9.840 251	8	9.981 909	15	0.018 091	9.858 342	7	193	
808	9.840 259	8	9.981 924	16	0.018 076	9.858 335	7	192	
809	9.840 267	8	9.981 940	15	0.018 060	9.858 328	8	191	
.810	9.840 275	8	9.981 955	15	0.018 045	9.858 320	7	**.190**	
811	9.840 283	8	9.981 970	15	0.018 030	9.858 313	7	189	
812	9.840 291	8	9.981 985	15	0.018 015	9.858 306	8	188	
813	9.840 299	8	9.982 000	15	0.018 000	9.858 298	7	187	
814	9.840 307	7	9.982 015	16	0.017 985	9.858 291	7	186	
815	9.840 314	8	9.982 031	15	0.017 969	9.858 284	7	185	
816	9.840 322	8	9.982 046	15	0.017 954	9.858 277	8	184	
817	9.840 330	8	9.982 061	15	0.017 939	9.858 269	7	183	
818	9.840 338	8	9.982 076	15	0.017 924	9.858 262	7	182	
819	9.840 346	8	9.982 091	15	0.017 909	9.858 255	7	181	
.820	9.840 354	8	9.982 106	16	0.017 894	9.858 248	8	**.180**	
821	9.840 362	8	9.982 122	15	0.017 878	9.858 240	7	179	
822	9.840 370	8	9.982 137	15	0.017 863	9.858 233	7	178	
823	9.840 378	8	9.982 152	15	0.017 848	9.858 226	8	177	
824	9.840 386	7	9.982 167	15	0.017 833	9.858 218	7	176	
825	9.840 393	8	9.982 182	15	0.017 818	9.858 211	7	175	
826	9.840 401	8	9.982 197	16	0.017 803	9.858 204	7	174	
827	9.840 409	8	9.982 213	15	0.017 787	9.858 197	8	173	
828	9.840 417	8	9.982 228	15	0.017 772	9.858 189	7	172	
829	9.840 425	8	9.982 243	15	0.017 757	9.858 182	7	171	
.830	9.840 433	8	9.982 258	15	0.017 742	9.858 175	8	**.170**	
831	9.840 441	8	9.982 273	16	0.017 727	9.858 167	7	169	
832	9.840 449	8	9.982 289	15	0.017 711	9.858 160	7	168	
833	9.840 457	8	9.982 304	15	0.017 696	9.858 153	7	167	
834	9.840 465	7	9.982 319	15	0.017 681	9.858 146	8	166	
835	9.840 472	8	9.982 334	15	0.017 666	9.858 138	7	165	
836	9.840 480	8	9.982 349	15	0.017 651	9.858 131	7	164	
837	9.840 488	8	9.982 364	16	0.017 636	9.858 124	7	163	
838	9.840 496	8	9.982 380	15	0.017 620	9.858 117	8	162	
839	9.840 504	8	9.982 395	15	0.017 605	9.858 109	7	161	
.840	9.840 512	8	9.982 410	15	0.017 590	9.858 102	7	**.160**	
841	9.840 520	8	9.982 425	15	0.017 575	9.858 095	8	159	
842	9.840 528	8	9.982 440	15	0.017 560	9.858 087	7	158	
843	9.840 536	7	9.982 455	16	0.017 545	9.858 080	7	157	
844	9.840 543	8	9.982 471	15	0.017 529	9.858 073	7	156	
845	9.840 551	8	9.982 486	15	0.017 514	9.858 066	8	155	
846	9.840 559	8	9.982 501	15	0.017 499	9.858 058	7	154	
847	9.840 567	8	9.982 516	15	0.017 484	9.858 051	7	153	
848	9.840 575	8	9.982 531	15	0.017 469	9.858 044	8	152	
849	9.840 583	8	9.982 546	16	0.017 454	9.858 036	7	151	
.850	9.840 591		9.982 562		0.017 438	9.858 029		**.150**	
	cos	d	cotg	d	tang	sin	d	46°	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	8	7
1	0.8	0.7
2	1.6	1.4
3	2.4	2.1
4	3.2	2.8
5	4.0	3.5
6	4.8	4.2
7	5.6	4.9
8	6.4	5.6
9	7.2	6.3

46°.200 — 46°.150

43°.850 — 43°.900

43°	sin	d	tang	d	cotg	cos	d		P.P.
.850	9.840 591	8	9.982 562	15	0.017 438	9.858 029	7	**.150**	
851	9.840 599	8	9.982 577	15	0.017 423	9.858 022	7	149	
852	9.840 607	7	9.982 592	15	0.017 408	9.858 015	8	148	
853	9.840 614	8	9.982 607	15	0.017 393	9.858 007	7	147	
854	9.840 622	8	9.982 622	15	0.017 378	9.858 000	7	146	
855	9.840 630	8	9.982 637	16	0.017 363	9.857 993	8	145	
856	9.840 638	8	9.982 653	15	0.017 347	9.857 985	7	144	
857	9.840 646	8	9.982 668	15	0.017 332	9.857 978	7	143	
858	9.840 654	8	9.982 683	15	0.017 317	9.857 971	7	142	
859	9.840 662	8	9.982 698	15	0.017 302	9.857 964	8	141	
.860	9.840 670	8	9.982 713	16	0.017 287	9.857 956	7	**.140**	
861	9.840 678	7	9.982 729	15	0.017 271	9.857 949	7	139	
862	9.840 685	8	9.982 744	15	0.017 256	9.857 942	7	138	
863	9.840 693	8	9.982 759	15	0.017 241	9.857 935	8	137	
864	9.840 701	8	9.982 774	15	0.017 226	9.857 927	7	136	
865	9.840 709	8	9.982 789	15	0.017 211	9.857 920	7	135	
866	9.840 717	8	9.982 804	16	0.017 196	9.857 913	8	134	
867	9.840 725	8	9.982 820	15	0.017 180	9.857 905	7	133	
868	9.840 733	8	9.982 835	15	0.017 165	9.857 898	7	132	
869	9.840 741	8	9.982 850	15	0.017 150	9.857 891	7	131	
.870	9.840 749	7	9.982 865	15	0.017 135	9.857 884	8	**.130**	
871	9.840 756	8	9.982 880	15	0.017 120	9.857 876	7	129	
872	9.840 764	8	9.982 895	16	0.017 105	9.857 869	7	128	
873	9.840 772	8	9.982 911	15	0.017 089	9.857 862	8	127	
874	9.840 780	8	9.982 926	15	0.017 074	9.857 854	7	126	
875	9.840 788	8	9.982 941	15	0.017 059	9.857 847	7	125	
876	9.840 796	8	9.982 956	15	0.017 044	9.857 840	8	124	
877	9.840 804	8	9.982 971	15	0.017 029	9.857 832	7	123	
878	9.840 812	8	9.982 986	16	0.017 014	9.857 825	7	122	
879	9.840 820	7	9.983 002	15	0.016 998	9.857 818	7	121	
.880	9.840 827	8	9.983 017	15	0.016 983	9.857 811	8	**.120**	
881	9.840 835	8	9.983 032	15	0.016 968	9.857 803	7	119	
882	9.840 843	8	9.983 047	15	0.016 953	9.857 796	7	118	
883	9.840 851	8	9.983 062	15	0.016 938	9.857 789	8	117	
884	9.840 859	8	9.983 077	16	0.016 923	9.857 781	7	116	
885	9.840 867	8	9.983 093	15	0.016 907	9.857 774	7	115	
886	9.840 875	8	9.983 108	15	0.016 892	9.857 767	7	114	
887	9.840 883	7	9.983 123	15	0.016 877	9.857 760	8	113	
888	9.840 890	8	9.983 138	15	0.016 862	9.857 752	7	112	
889	9.840 898	8	9.983 153	15	0.016 847	9.857 745	7	111	
.890	9.840 906	8	9.983 168	16	0.016 832	9.857 738	8	**.110**	
891	9.840 914	8	9.983 184	15	0.016 816	9.857 730	7	109	
892	9.840 922	8	9.983 199	15	0.016 801	9.857 723	7	108	
893	9.840 930	8	9.983 214	15	0.016 786	9.857 716	7	107	
894	9.840 938	8	9.983 229	15	0.016 771	9.857 709	8	106	
895	9.840 946	7	9.983 244	16	0.016 756	9.857 701	7	105	
896	9.840 953	8	9.983 260	15	0.016 740	9.857 694	7	104	
897	9.840 961	8	9.983 275	15	0.016 725	9.857 687	8	103	
898	9.840 969	8	9.983 290	15	0.016 710	9.857 679	7	102	
899	9.840 977	8	9.983 305	15	0.016 695	9.857 672	7	101	
.900	9.840 985		9.983 320		0.016 680	9.857 665		**.100**	
	cos	d	cotg	d	tang	sin	d	46°	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	8	7
1	0.8	0.7
2	1.6	1.4
3	2.4	2.1
4	3.2	2.8
5	4.0	3.5
6	4.8	4.2
7	5.6	4.9
8	6.4	5.6
9	7.2	6.3

46°.150 — 46°.100

43°.900 — 43°.950

43°	sin	d	tang	d	cotg	cos	d		P.P.
.900	9.840 985	8	9.983 320	15	0.016 680	9.857 665	8	**.100**	
901	9.840 993	8	9.983 335	16	0.016 665	9.857 657	7	099	
902	9.841 001	8	9.983 351	15	0.016 649	9.857 650	7	098	
903	9.841 009	7	9.983 366	15	0.016 634	9.857 643	7	097	
904	9.841 016	8	9.983 381	15	0.016 619	9.857 636	8	096	
905	9.841 024	8	9.983 396	15	0.016 604	9.857 628	7	095	
906	9.841 032	8	9.983 411	15	0.016 589	9.857 621	7	094	
907	9.841 040	8	9.983 426	16	0.016 574	9.857 614	8	093	
908	9.841 048	8	9.983 442	15	0.016 558	9.857 606	7	092	
909	9.841 056	8	9.983 457	15	0.016 543	9.857 599	7	091	
.910	9.841 064	8	9.983 472	15	0.016 528	9.857 592	7	**.090**	
911	9.841 072	7	9.983 487	15	0.016 513	9.857 585	8	089	
912	9.841 079	8	9.983 502	15	0.016 498	9.857 577	7	088	
913	9.841 087	8	9.983 517	16	0.016 483	9.857 570	7	087	
914	9.841 095	8	9.983 533	15	0.016 467	9.857 563	8	086	
915	9.841 103	8	9.983 548	15	0.016 452	9.857 555	7	085	
916	9.841 111	8	9.983 563	15	0.016 437	9.857 548	7	084	
917	9.841 119	8	9.983 578	15	0.016 422	9.857 541	8	083	
918	9.841 127	8	9.983 593	15	0.016 407	9.857 533	7	082	
919	9.841 135	7	9.983 608	16	0.016 392	9.857 526	7	081	
.920	9.841 142	8	9.983 624	15	0.016 376	9.857 519	7	**.080**	
921	9.841 150	8	9.983 639	15	0.016 361	9.857 512	8	079	
922	9.841 158	8	9.983 654	15	0.016 346	9.857 504	7	078	
923	9.841 166	8	9.983 669	15	0.016 331	9.857 497	7	077	
924	9.841 174	8	9.983 684	15	0.016 316	9.857 490	8	076	
925	9.841 182	8	9.983 699	16	0.016 301	9.857 482	7	075	
926	9.841 190	8	9.983 715	15	0.016 285	9.857 475	7	074	
927	9.841 198	7	9.983 730	15	0.016 270	9.857 468	8	073	
928	9.841 205	8	9.983 745	15	0.016 255	9.857 460	7	072	
929	9.841 213	8	9.983 760	15	0.016 240	9.857 453	7	071	
.930	9.841 221	8	9.983 775	15	0.016 225	9.857 446	7	**.070**	
931	9.841 229	8	9.983 790	16	0.016 210	9.857 439	8	069	
932	9.841 237	8	9.983 806	15	0.016 194	9.857 431	7	068	
933	9.841 245	8	9.983 821	15	0.016 179	9.857 424	7	067	
934	9.841 253	7	9.983 836	15	0.016 164	9.857 417	8	066	
935	9.841 260	8	9.983 851	15	0.016 149	9.857 409	7	065	
936	9.841 268	8	9.983 866	16	0.016 134	9.857 402	7	064	
937	9.841 276	8	9.983 882	15	0.016 118	9.857 395	8	063	
938	9.841 284	8	9.983 897	15	0.016 103	9.857 387	7	062	
939	9.841 292	8	9.983 912	15	0.016 088	9.857 380	7	061	
.940	9.841 300	8	9.983 927	15	0.016 073	9.857 373	7	**.060**	
941	9.841 308	8	9.983 942	15	0.016 058	9.857 366	8	059	
942	9.841 316	7	9.983 957	16	0.016 043	9.857 358	7	058	
943	9.841 323	8	9.983 973	15	0.016 027	9.857 351	7	057	
944	9.841 331	8	9.983 988	15	0.016 012	9.857 344	8	056	
945	9.841 339	8	9.984 003	15	0.015 997	9.857 336	7	055	
946	9.841 347	8	9.984 018	15	0.015 982	9.857 329	7	054	
947	9.841 355	8	9.984 033	15	0.015 967	9.857 322	8	053	
948	9.841 363	8	9.984 048	16	0.015 952	9.857 314	7	052	
949	9.841 371	7	9.984 064	15	0.015 936	9.857 307	7	051	
.950	9.841 378		9.984 079		0.015 921	9.857 300		**.050**	
	cos	d	cotg	d	tang	sin	d	**46°**	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	8	7
1	0.8	0.7
2	1.6	1.4
3	2.4	2.1
4	3.2	2.8
5	4.0	3.5
6	4.8	4.2
7	5.6	4.9
8	6.4	5.6
9	7.2	6.3

46°.100 — 46°.050

43°.950 — 44°.000

43°	sin	d	tang	d	cotg	cos	d		P.P.
.950	9.841 378	8	9.984 079	15	0.015 921	9.857 300	8	**.050**	
951	9.841 386	8	9.984 094	15	0.015 906	9.857 292	7	049	
952	9.841 394	8	9.984 109	15	0.015 891	9.857 285	7	048	
953	9.841 402	8	9.984 124	15	0.015 876	9.857 278	7	047	
954	9.841 410	8	9.984 139	16	0.015 861	9.857 271	8	046	
955	9.841 418	8	9.984 155	15	0.015 845	9.857 263	7	045	
956	9.841 426	8	9.984 170	15	0.015 830	9.857 256	7	044	
957	9.841 434	7	9.984 185	15	0.015 815	9.857 249	8	043	
958	9.841 441	8	9.984 200	15	0.015 800	9.857 241	7	042	
959	9.841 449	8	9.984 215	15	0.015 785	9.857 234	7	041	
.960	9.841 457	8	9.984 230	16	0.015 770	9.857 227	8	**.040**	
961	9.841 465	8	9.984 246	15	0.015 754	9.857 219	7	039	
962	9.841 473	8	9.984 261	15	0.015 739	9.857 212	7	038	
963	9.841 481	8	9.984 276	15	0.015 724	9.857 205	8	037	
964	9.841 489	7	9.984 291	15	0.015 709	9.857 197	7	036	
965	9.841 496	8	9.984 306	15	0.015 694	9.857 190	7	035	
966	9.841 504	8	9.984 321	16	0.015 679	9.857 183	7	034	
967	9.841 512	8	9.984 337	15	0.015 663	9.857 176	8	033	
968	9.841 520	8	9.984 352	15	0.015 648	9.857 168	7	032	
969	9.841 528	8	9.984 367	15	0.015 633	9.857 161	7	031	
.970	9.841 536	8	9.984 382	15	0.015 618	9.857 154	8	**.030**	
971	9.841 544	7	9.984 397	15	0.015 603	9.857 146	7	029	
972	9.841 551	8	9.984 412	16	0.015 588	9.857 139	7	028	
973	9.841 559	8	9.984 428	15	0.015 572	9.857 132	8	027	
974	9.841 567	8	9.984 443	15	0.015 557	9.857 124	7	026	
975	9.841 575	8	9.984 458	15	0.015 542	9.857 117	7	025	
976	9.841 583	8	9.984 473	15	0.015 527	9.857 110	8	024	
977	9.841 591	8	9.984 488	15	0.015 512	9.857 102	7	023	
978	9.841 599	7	9.984 503	16	0.015 497	9.857 095	7	022	
979	9.841 606	8	9.984 519	15	0.015 481	9.857 088	8	021	
.980	9.841 614	8	9.984 534	15	0.015 466	9.857 080	7	**.020**	
981	9.841 622	8	9.984 549	15	0.015 451	9.857 073	7	019	
982	9.841 630	8	9.984 564	15	0.015 436	9.857 066	8	018	
983	9.841 638	8	9.984 579	15	0.015 421	9.857 058	7	017	
984	9.841 646	8	9.984 594	16	0.015 406	9.857 051	7	016	
985	9.841 654	7	9.984 610	15	0.015 390	9.857 044	7	015	
986	9.841 661	8	9.984 625	15	0.015 375	9.857 037	8	014	
987	9.841 669	8	9.984 640	15	0.015 360	9.857 029	7	013	
988	9.841 677	8	9.984 655	15	0.015 345	9.857 022	7	012	
989	9.841 685	8	9.984 670	15	0.015 330	9.857 015	8	011	
.990	9.841 693	8	9.984 685	16	0.015 315	9.857 007	7	**.010**	
991	9.841 701	7	9.984 701	15	0.015 299	9.857 000	7	009	
992	9.841 708	8	9.984 716	15	0.015 284	9.856 993	8	008	
993	9.841 716	8	9.984 731	15	0.015 269	9.856 985	7	007	
994	9.841 724	8	9.984 746	15	0.015 254	9.856 978	7	006	
995	9.841 732	8	9.984 761	16	0.015 239	9.856 971	8	005	
996	9.841 740	8	9.984 777	15	0.015 223	9.856 963	7	004	
997	9.841 748	8	9.984 792	15	0.015 208	9.856 956	7	003	
998	9.841 756	7	9.984 807	15	0.015 193	9.856 949	8	002	
999	9.841 763	8	9.984 822	15	0.015 178	9.856 941	7	001	
*000	9.841 771		9.984 837		0.015 163	9.856 934		.000	
	cos	d	cotg	d	tang	sin	d	46°	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	8	7
1	0.8	0.7
2	1.6	1.4
3	2.4	2.1
4	3.2	2.8
5	4.0	3.5
6	4.8	4.2
7	5.6	4.9
8	6.4	5.6
9	7.2	6.3

46°.050 — 46°.000

44°.000 — 44°.050

44°	sin	d	tang	d	cotg	cos	d		P.P.
.000	9.841 771	8	9.984 837	15	0.015 163	9.856 934	7	***000**	
001	9.841 779	8	9.984 852	16	0.015 148	9.856 927	8	999	
002	9.841 787	8	9.984 868	15	0.015 132	9.856 919	7	998	
003	9.841 795	8	9.984 883	15	0.015 117	9.856 912	7	997	
004	9.841 803	8	9.984 898	15	0.015 102	9.856 905	8	996	
005	9.841 811	7	9.984 913	15	0.015 087	9.856 897	7	995	
006	9.841 818	8	9.984 928	15	0.015 072	9.856 890	7	994	
007	9.841 826	8	9.984 943	16	0.015 057	9.856 883	7	993	
008	9.841 834	8	9.984 959	15	0.015 041	9.856 876	8	992	
009	9.841 842	8	9.984 974	15	0.015 026	9.856 868	7	991	
.010	9.841 850	8	9.984 989	15	0.015 011	9.856 861	7	**.990**	
011	9.841 858	7	9.985 004	15	0.014 996	9.856 854	8	989	
012	9.841 865	8	9.985 019	15	0.014 981	9.856 846	7	988	
013	9.841 873	8	9.985 034	16	0.014 966	9.856 839	7	987	
014	9.841 881	8	9.985 050	15	0.014 950	9.856 832	8	986	
015	9.841 889	8	9.985 065	15	0.014 935	9.856 824	7	985	
016	9.841 897	8	9.985 080	15	0.014 920	9.856 817	7	984	
017	9.841 905	8	9.985 095	15	0.014 905	9.856 810	8	983	
018	9.841 913	7	9.985 110	15	0.014 890	9.856 802	7	982	
019	9.841 920	8	9.985 125	16	0.014 875	9.856 795	7	981	
.020	9.841 928	8	9.985 141	15	0.014 859	9.856 788	8	**.980**	
021	9.841 936	8	9.985 156	15	0.014 844	9.856 780	7	979	
022	9.841 944	8	9.985 171	15	0.014 829	9.856 773	7	978	
023	9.841 952	8	9.985 186	15	0.014 814	9.856 766	8	977	
024	9.841 960	7	9.985 201	15	0.014 799	9.856 758	7	976	
025	9.841 967	8	9.985 216	16	0.014 784	9.856 751	7	975	
026	9.841 975	8	9.985 232	15	0.014 768	9.856 744	8	974	
027	9.841 983	8	9.985 247	15	0.014 753	9.856 736	7	973	
028	9.841 991	8	9.985 262	15	0.014 738	9.856 729	7	972	
029	9.841 999	8	9.985 277	15	0.014 723	9.856 722	8	971	
.030	9.842 007	7	9.985 292	15	0.014 708	9.856 714	7	**.970**	
031	9.842 014	8	9.985 307	16	0.014 693	9.856 707	7	969	
032	9.842 022	8	9.985 323	15	0.014 677	9.856 700	8	968	
033	9.842 030	8	9.985 338	15	0.014 662	9.856 692	7	967	
034	9.842 038	8	9.985 353	15	0.014 647	9.856 685	7	966	
035	9.842 046	8	9.985 368	15	0.014 632	9.856 678	8	965	
036	9.842 054	8	9.985 383	15	0.014 617	9.856 670	7	964	
037	9.842 062	7	9.985 398	16	0.014 602	9.856 663	7	963	
038	9.842 069	8	9.985 414	15	0.014 586	9.856 656	8	962	
039	9.842 077	8	9.985 429	15	0.014 571	9.856 648	7	961	
.040	9.842 085	8	9.985 444	15	0.014 556	9.856 641	7	**.960**	
041	9.842 093	8	9.985 459	15	0.014 541	9.856 634	8	959	
042	9.842 101	8	9.985 474	15	0.014 526	9.856 626	7	958	
043	9.842 109	7	9.985 489	16	0.014 511	9.856 619	7	957	
044	9.842 116	8	9.985 505	15	0.014 495	9.856 612	8	956	
045	9.842 124	8	9.985 520	15	0.014 480	9.856 604	7	955	
046	9.842 132	8	9.985 535	15	0.014 465	9.856 597	7	954	
047	9.842 140	8	9.985 550	15	0.014 450	9.856 590	8	953	
048	9.842 148	8	9.985 565	15	0.014 435	9.856 582	7	952	
049	9.842 156	7	9.985 580	16	0.014 404	9.856 568	7	951	
.050	9.842 163		9.985 596					**.950**	
	cos	d	cotg	d	tang	sin	d	**45°**	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	8	7
1	0.8	0.7
2	1.6	1.4
3	2.4	2.1
4	3.2	2.8
5	4.0	3.5
6	4.8	4.2
7	5.6	4.9
8	6.4	5.6
9	7.2	6.3

46°.000 — 45°.950

44°.050 — 44°.100

44°	sin	d	tang	d	cotg	cos	d		P.P.
.050	9.842 163	8	9.985 596	15	0.014 404	9.856 568	8	**.950**	
051	9.842 171	8	9.985 611	15	0.014 389	9.856 560	7	949	
052	9.842 179	8	9.985 626	15	0.014 374	9.856 553	7	948	
053	9.842 187	8	9.985 641	15	0.014 359	9.856 546	8	947	
054	9.842 195	8	9.985 656	15	0.014 344	9.856 538	7	946	
055	9.842 203	7	9.985 671	16	0.014 329	9.856 531	7	945	
056	9.842 210	8	9.985 687	15	0.014 313	9.856 524	8	944	
057	9.842 218	8	9.985 702	15	0.014 298	9.856 516	7	943	
058	9.842 226	8	9.985 717	15	0.014 283	9.856 509	7	942	
059	9.842 234	8	9.985 732	15	0.014 268	9.856 502	8	941	
.060	9.842 242	8	9.985 747	15	0.014 253	9.856 494	7	**.940**	
061	9.842 250	7	9.985 762	16	0.014 238	9.856 487	7	939	
062	9.842 257	8	9.985 778	15	0.014 222	9.856 480	8	938	
063	9.842 265	8	9.985 793	15	0.014 207	9.856 472	7	937	
064	9.842 273	8	9.985 808	15	0.014 192	9.856 465	7	936	
065	9.842 281	8	9.985 823	15	0.014 177	9.856 458	8	935	
066	9.842 289	8	9.985 838	15	0.014 162	9.856 450	7	934	
067	9.842 297	7	9.985 853	16	0.014 147	9.856 443	7	933	
068	9.842 304	8	9.985 869	15	0.014 131	9.856 436	8	932	
069	9.842 312	8	9.985 884	15	0.014 116	9.856 428	7	931	
.070	9.842 320	8	9.985 899	15	0.014 101	9.856 421	7	**.930**	
071	9.842 328	8	9.985 914	15	0.014 086	9.856 414	8	929	
072	9.842 336	8	9.985 929	15	0.014 071	9.856 406	7	928	
073	9.842 344	7	9.985 944	16	0.014 056	9.856 399	7	927	
074	9.842 351	8	9.985 960	15	0.014 040	9.856 392	8	926	
075	9.842 359	8	9.985 975	15	0.014 025	9.856 384	7	925	
076	9.842 367	8	9.985 990	15	0.014 010	9.856 377	7	924	
077	9.842 375	8	9.986 005	15	0.013 995	9.856 370	8	923	
078	9.842 383	8	9.986 020	15	0.013 980	9.856 362	7	922	
079	9.842 391	7	9.986 035	16	0.013 965	9.856 355	7	921	
.080	9.842 398	8	9.986 051	15	0.013 949	9.856 348	8	**.920**	
081	9.842 406	8	9.986 066	15	0.013 934	9.856 340	7	919	
082	9.842 414	8	9.986 081	15	0.013 919	9.856 333	7	918	
083	9.842 422	8	9.986 096	15	0.013 904	9.856 326	8	917	
084	9.842 430	7	9.986 111	15	0.013 889	9.856 318	7	916	
085	9.842 437	8	9.986 126	16	0.013 874	9.856 311	7	915	
086	9.842 445	8	9.986 142	15	0.013 858	9.856 304	8	914	
087	9.842 453	8	9.986 157	15	0.013 843	9.856 296	7	913	
088	9.842 461	8	9.986 172	15	0.013 828	9.856 289	7	912	
089	9.842 469	8	9.986 187	15	0.013 813	9.856 282	8	911	
.090	9.842 477	7	9.986 202	15	0.013 798	9.856 274	7	**.910**	
091	9.842 484	8	9.986 217	16	0.013 783	9.856 267	7	909	
092	9.842 492	8	9.986 233	15	0.013 767	9.856 260	8	908	
093	9.842 500	8	9.986 248	15	0.013 752	9.856 252	7	907	
094	9.842 508	8	9.986 263	15	0.013 737	9.856 245	7	906	
095	9.842 516	8	9.986 278	15	0.013 722	9.856 238	8	905	
096	9.842 524	7	9.986 293	15	0.013 707	9.856 230	7	904	
097	9.842 531	8	9.986 308	16	0.013 692	9.856 223	7	903	
098	9.842 539	8	9.986 324	15	0.013 676	9.856 216	8	902	
099	9.842 547	8	9.986 339	15	0.013 661	9.856 208	7	901	
.100	9.842 555		9.986 354		0.013 646	9.856 201		**.900**	
	cos	d	cotg	d	tang	sin	d	**45°**	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	8	7
1	0.8	0.7
2	1.6	1.4
3	2.4	2.1
4	3.2	2.8
5	4.0	3.5
6	4.8	4.2
7	5.6	4.9
8	6.4	5.6
9	7.2	6.3

45°.950 — 45°.900

44°.100 — 44°.150

44°	sin	d	tang	d	cotg	cos	d		P.P.
.100	9.842 555	8	9.986 354	15	0.013 646	9.856 201	8	**.900**	
101	9.842 563	7	9.986 369	15	0.013 631	9.856 193	7	899	
102	9.842 570	8	9.986 384	15	0.013 616	9.856 186	7	898	
103	9.842 578	8	9.986 399	16	0.013 601	9.856 179	8	897	
104	9.842 586	8	9.986 415	15	0.013 585	9.856 171	7	896	
105	9.842 594	8	9.986 430	15	0.013 570	9.856 164	7	895	
106	9.842 602	8	9.986 445	15	0.013 555	9.856 157	8	894	
107	9.842 610	7	9.986 460	15	0.013 540	9.856 149	7	893	
108	9.842 617	8	9.986 475	15	0.013 525	9.856 142	7	892	
109	9.842 625	8	9.986 490	16	0.013 510	9.856 135	8	891	
.110	9.842 633	8	9.986 506	15	0.013 494	9.856 127	7	**.890**	
111	9.842 641	8	9.986 521	15	0.013 479	9.856 120	7	889	
112	9.842 649	7	9.986 536	15	0.013 464	9.856 113	8	888	
113	9.842 656	8	9.986 551	15	0.013 449	9.856 105	7	887	
114	9.842 664	8	9.986 566	15	0.013 434	9.856 098	7	886	
115	9.842 672	8	9.986 581	16	0.013 419	9.856 091	8	885	
116	9.842 680	8	9.986 597	15	0.013 403	9.856 083	7	884	
117	9.842 688	8	9.986 612	15	0.013 388	9.856 076	7	883	
118	9.842 696	7	9.986 627	15	0.013 373	9.856 069	8	882	
119	9.842 703	8	9.986 642	15	0.013 358	9.856 061	7	881	
.120	9.842 711	8	9.986 657	15	0.013 343	9.856 054	7	**.880**	
121	9.842 719	8	9.986 672	16	0.013 328	9.856 047	8	879	
122	9.842 727	8	9.986 688	15	0.013 312	9.856 039	7	878	
123	9.842 735	7	9.986 703	15	0.013 297	9.856 032	8	877	
124	9.842 742	8	9.986 718	15	0.013 282	9.856 024	7	876	
125	9.842 750	8	9.986 733	15	0.013 267	9.856 017	7	875	
126	9.842 758	8	9.986 748	16	0.013 252	9.856 010	8	874	
127	9.842 766	8	9.986 764	15	0.013 236	9.856 002	7	873	
128	9.842 774	8	9.986 779	15	0.013 221	9.855 995	7	872	
129	9.842 782	7	9.986 794	15	0.013 206	9.855 988	8	871	
.130	9.842 789	8	9.986 809	15	0.013 191	9.855 980	7	**.870**	
131	9.842 797	8	9.986 824	15	0.013 176	9.855 973	7	869	
132	9.842 805	8	9.986 839	16	0.013 161	9.855 966	8	868	
133	9.842 813	8	9.986 855	15	0.013 145	9.855 958	7	867	
134	9.842 821	7	9.986 870	15	0.013 130	9.855 951	7	866	
135	9.842 828	8	9.986 885	15	0.013 115	9.855 944	8	865	
136	9.842 836	8	9.986 900	15	0.013 100	9.855 936	7	864	
137	9.842 844	8	9.986 915	15	0.013 085	9.855 929	7	863	
138	9.842 852	8	9.986 930	16	0.013 070	9.855 922	8	862	
139	9.842 860	7	9.986 946	15	0.013 054	9.855 914	7	861	
.140	9.842 867	8	9.986 961	15	0.013 039	9.855 907	8	**.860**	
141	9.842 875	8	9.986 976	15	0.013 024	9.855 899	7	859	
142	9.842 883	8	9.986 991	15	0.013 009	9.855 892	7	858	
143	9.842 891	8	9.987 006	15	0.012 994	9.855 885	8	857	
144	9.842 899	8	9.987 021	15	0.012 979	9.855 877	7	856	
145	9.842 907	7	9.987 036	16	0.012 964	9.855 870	7	855	
146	9.842 914	8	9.987 052	15	0.012 948	9.855 863	8	854	
147	9.842 922	8	9.987 067	15	0.012 933	9.855 855	7	853	
148	9.842 930	8	9.987 082	15	0.012 918	9.855 848	7	852	
149	9.842 938	8	9.987 097	15	0.012 903	9.855 841	8	851	
.150	9.842 946		9.987 112		0.012 888	9.855 833		**.850**	
	cos	d	cotg	d	tang	sin	d	**45°**	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	8	7
1	0.8	0.7
2	1.6	1.4
3	2.4	2.1
4	3.2	2.8
5	4.0	3.5
6	4.8	4.2
7	5.6	4.9
8	6.4	5.6
9	7.2	6.3

45°.900 — 45°.850

44°.150 — 44°.200

44°	sin	d	tang	d	cotg	cos	d		P.P.
.150	9.842 946		9.987 112		0.012 888	9.855 833		**.850**	
		7		15			7		
151	9.842 953		9.987 127		0.012 873	9.855 826		849	
		8		16			7		
152	9.842 961		9.987 143		0.012 857	9.855 819		848	
		8		15			8		
153	9.842 969		9.987 158		0.012 842	9.855 811		847	
		8		15			7		
154	9.842 977		9.987 173		0.012 827	9.855 804		846	
		8		15			8		
155	9.842 985		9.987 188		0.012 812	9.855 796		845	
		7		15			7		
156	9.842 992		9.987 203		0.012 797	9.855 789		844	
		8		15			7		
157	9.843 000		9.987 218		0.012 782	9.855 782		843	
		8		16			8		
158	9.843 008		9.987 234		0.012 766	9.855 774		842	
		8		15			7		
159	9.843 016		9.987 249		0.012 751	9.855 767		841	
		8		15			7		
.160	9.843 024		9.987 264		0.012 736	9.855 760		**.840**	
		7		15			8		
161	9.843 031		9.987 279		0.012 721	9.855 752		839	
		8		15			7		
162	9.843 039		9.987 294		0.012 706	9.855 745		838	
		8		15			7		
163	9.843 047		9.987 309		0.012 691	9.855 738		837	
		8		16			8		
164	9.843 055		9.987 325		0.012 675	9.855 730		836	
		8		15			7		
165	9.843 063		9.987 340		0.012 660	9.855 723		835	
		7		15			8		
166	9.843 070		9.987 355		0.012 645	9.855 715		834	
		8		15			7		
167	9.843 078		9.987 370		0.012 630	9.855 708		833	
		8		15			7		
168	9.843 086		9.987 385		0.012 615	9.855 701		832	
		8		15			8		
169	9.843 094		9.987 400		0.012 600	9.855 693		831	
		8		16			7		
.170	9.843 102		9.987 416		0.012 584	9.855 686		**.830**	
		7		15			7		
171	9.843 109		9.987 431		0.012 569	9.855 679		829	
		8		15			8		
172	9.843 117		9.987 446		0.012 554	9.855 671		828	
		8		15			7		
173	9.843 125		9.987 461		0.012 539	9.855 664		827	
		8		15			7		
174	9.843 133		9.987 476		0.012 524	9.855 657		826	
		8		15			8		
175	9.843 141		9.987 491		0.012 509	9.855 649		825	
		7		16			7		
176	9.843 148		9.987 507		0.012 493	9.855 642		824	
		8		15			8		
177	9.843 156		9.987 522		0.012 478	9.855 634		823	
		8		15			7		
178	9.843 164		9.987 537		0.012 463	9.855 627		822	
		8		15			7		
179	9.843 172		9.987 552		0.012 448	9.855 620		821	
		8		15			8		
.180	9.843 180		9.987 567		0.012 433	9.855 612		**.820**	
		7		15			7		
181	9.843 187		9.987 582		0.012 418	9.855 605		819	
		8		16			7		
182	9.843 195		9.987 598		0.012 402	9.855 598		818	
		8		15			8		
183	9.843 203		9.987 613		0.012 387	9.855 590		817	
		8		15			7		
184	9.843 211		9.987 628		0.012 372	9.855 583		816	
		8		15			7		
185	9.843 219		9.987 643		0.012 357	9.855 576		815	
		7		15			8		
186	9.843 226		9.987 658		0.012 342	9.855 568		814	
		8		15			7		
187	9.843 234		9.987 673		0.012 327	9.855 561		813	
		8		16			8		
188	9.843 242		9.987 689		0.012 311	9.855 553		812	
		8		15			7		
189	9.843 250		9.987 704		0.012 296	9.855 546		811	
		8		15			7		
.190	9.843 258		9.987 719		0.012 281	9.855 539		**.810**	
		7		15			8		
191	9.843 265		9.987 734		0.012 266	9.855 531		809	
		8		15			7		
192	9.843 273		9.987 749		0.012 251	9.855 524		808	
		8		15			7		
193	9.843 281		9.987 764		0.012 236	9.855 517		807	
		8		16			8		
194	9.843 289		9.987 780		0.012 220	9.855 509		806	
		8		15			7		
195	9.843 297		9.987 795		0.012 205	9.855 502		805	
		7		15			8		
196	9.843 304		9.987 810		0.012 190	9.855 494		804	
		8		15			7		
197	9.843 312		9.987 825		0.012 175	9.855 487		803	
		8		15			7		
198	9.843 320		9.987 840		0.012 160	9.855 480		802	
		8		15			8		
199	9.843 328		9.987 855		0.012 145	9.855 472		801	
		8		16			7		
.200	9.843 336		9.987 871		0.012 129	9.855 465		**.800**	
	cos	d	cotg	d	tang	sin	d	**45°**	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	8	7
1	0.8	0.7
2	1.6	1.4
3	2.4	2.1
4	3.2	2.8
5	4.0	3.5
6	4.8	4.2
7	5.6	4.9
8	6.4	5.6
9	7.2	6.3

45°.850 — 45°.800

44°.200 — 44°.250

44°	sin	d	tang	d	cotg	cos	d		P.P.
.200	9.843 336		9.987 871		0.012 129	9.855 465		**.800**	
201	9.843 343	7	9.987 886	15	0.012 114	9.855 458	7	799	
202	9.843 351	8	9.987 901	15	0.012 099	9.855 450	8	798	
203	9.843 359	8	9.987 916	15	0.012 084	9.855 443	7	797	
204	9.843 367	8	9.987 931	15	0.012 069	9.855 436	7	796	
205	9.843 375	8	9.987 946	15	0.012 054	9.855 428	8	795	
206	9.843 382	7	9.987 962	16	0.012 038	9.855 421	7	794	
207	9.843 390	8	9.987 977	15	0.012 023	9.855 413	8	793	
208	9.843 398	8	9.987 992	15	0.012 008	9.855 406	7	792	
209	9.843 406	8	9.988 007	15	0.011 993	9.855 399	7	791	
.210	9.843 414	8	9.988 022	15	0.011 978	9.855 391	8	**.790**	
211	9.843 421	7	9.988 037	15	0.011 963	9.855 384	7	789	
212	9.843 429	8	9.988 053	16	0.011 947	9.855 377	7	788	
213	9.843 437	8	9.988 068	15	0.011 932	9.855 369	8	787	
214	9.843 445	8	9.988 083	15	0.011 917	9.855 362	7	786	
215	9.843 453	8	9.988 098	15	0.011 902	9.855 354	8	785	
216	9.843 460	7	9.988 113	15	0.011 887	9.855 347	7	784	
217	9.843 468	8	9.988 128	15	0.011 872	9.855 340	7	783	
218	9.843 476	8	9.988 144	16	0.011 856	9.855 332	8	782	
219	9.843 484	8	9.988 159	15	0.011 841	9.855 325	7	781	
.220	9.843 491	7	9.988 174	15	0.011 826	9.855 318	7	**.780**	
221	9.843 499	8	9.988 189	15	0.011 811	9.855 310	8	779	
222	9.843 507	8	9.988 204	15	0.011 796	9.855 303	7	778	
223	9.843 515	8	9.988 219	15	0.011 781	9.855 295	8	777	
224	9.843 523	8	9.988 235	16	0.011 765	9.855 288	7	776	
225	9.843 530	7	9.988 250	15	0.011 750	9.855 281	7	775	
226	9.843 538	8	9.988 265	15	0.011 735	9.855 273	8	774	
227	9.843 546	8	9.988 280	15	0.011 720	9.855 266	7	773	
228	9.843 554	8	9.988 295	15	0.011 705	9.855 259	7	772	
229	9.843 562	8	9.988 310	15	0.011 690	9.855 251	8	771	
.230	9.843 569	7	9.988 326	16	0.011 674	9.855 244	7	**.770**	
231	9.843 577	8	9.988 341	15	0.011 659	9.855 236	8	769	
232	9.843 585	8	9.988 356	15	0.011 644	9.855 229	7	768	
233	9.843 593	8	9.988 371	15	0.011 629	9.855 222	7	767	
234	9.843 600	7	9.988 386	15	0.011 614	9.855 214	8	766	
235	9.843 608	8	9.988 401	15	0.011 599	9.855 207	7	765	
236	9.843 616	8	9.988 417	16	0.011 583	9.855 199	8	764	
237	9.843 624	8	9.988 432	15	0.011 568	9.855 192	7	763	
238	9.843 632	8	9.988 447	15	0.011 553	9.855 185	7	762	
239	9.843 639	7	9.988 462	15	0.011 538	9.855 177	8	761	
.240	9.843 647	8	9.988 477	15	0.011 523	9.855 170	7	**.760**	
241	9.843 655	8	9.988 492	15	0.011 508	9.855 163	7	759	
242	9.843 663	8	9.988 508	16	0.011 492	9.855 155	8	758	
243	9.843 671	8	9.988 523	15	0.011 477	9.855 148	7	757	
244	9.843 678	7	9.988 538	15	0.011 462	9.855 140	8	756	
245	9.843 686	8	9.988 553	15	0.011 447	9.855 133	7	755	
246	9.843 694	8	9.988 568	15	0.011 432	9.855 126	7	754	
247	9.843 702	8	9.988 583	15	0.011 417	9.855 118	8	753	
248	9.843 709	7	9.988 599	16	0.011 401	9.855 111	7	752	
249	9.843 717	8	9.988 614	15	0.011 386	9.855 104	7	751	
.250	9.843 725	8	9.988 629	15	0.011 371	9.855 096	8	**.750**	
	cos	d	cotg	d	tang	sin	d	**45°**	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	8	7
1	0.8	0.7
2	1.6	1.4
3	2.4	2.1
4	3.2	2.8
5	4.0	3.5
6	4.8	4.2
7	5.6	4.9
8	6.4	5.6
9	7.2	6.3

45°.800 — 45°.750

44°.250 — 44°.300

44°	sin	d	tang	d	cotg	cos	d		P.P.
.250	9.843 725	8	9.988 629	15	0.011 371	9.855 096	7	**.750**	
251	9.843 733	8	9.988 644	15	0.011 356	9.855 089	8	749	
252	9.843 741	7	9.988 659	15	0.011 341	9.855 081	7	748	
253	9.843 748	8	9.988 674	16	0.011 326	9.855 074	7	747	
254	9.843 756	8	9.988 690	15	0.011 310	9.855 067	8	746	
255	9.843 764	8	9.988 705	15	0.011 295	9.855 059	7	745	
256	9.843 772	7	9.988 720	15	0.011 280	9.855 052	8	744	
257	9.843 779	8	9.988 735	15	0.011 265	9.855 044	7	743	
258	9.843 787	8	9.988 750	15	0.011 250	9.855 037	7	742	
259	9.843 795	8	9.988 765	16	0.011 235	9.855 030	8	741	
.260	9.843 803	8	9.988 781	15	0.011 219	9.855 022	7	**.740**	
261	9.843 811	7	9.988 796	15	0.011 204	9.855 015	7	739	
262	9.843 818	8	9.988 811	15	0.011 189	9.855 008	8	738	
263	9.843 826	8	9.988 826	15	0.011 174	9.855 000	7	737	
264	9.843 834	8	9.988 841	15	0.011 159	9.854 993	8	736	
265	9.843 842	7	9.988 856	16	0.011 144	9.854 985	7	735	
266	9.843 849	8	9.988 872	15	0.011 128	9.854 978	7	734	
267	9.843 857	8	9.988 887	15	0.011 113	9.854 971	8	733	
268	9.843 865	8	9.988 902	15	0.011 098	9.854 963	7	732	
269	9.843 873	8	9.988 917	15	0.011 083	9.854 956	8	731	
.270	9.843 881	7	9.988 932	15	0.011 068	9.854 948	7	**.730**	
271	9.843 888	8	9.988 947	16	0.011 053	9.854 941	7	729	
272	9.843 896	8	9.988 963	15	0.011 037	9.854 934	8	728	
273	9.843 904	8	9.988 978	15	0.011 022	9.854 926	7	727	
274	9.843 912	7	9.988 993	15	0.011 007	9.854 919	8	726	
275	9.843 919	8	9.989 008	15	0.010 992	9.854 911	7	725	
276	9.843 927	8	9.989 023	15	0.010 977	9.854 904	7	724	
277	9.843 935	8	9.989 038	16	0.010 962	9.854 897	8	723	
278	9.843 943	8	9.989 054	15	0.010 946	9.854 889	7	722	
279	9.843 951	7	9.989 069	15	0.010 931	9.854 882	8	721	
.280	9.843 958	8	9.989 084	15	0.010 916	9.854 874	7	**.720**	
281	9.843 966	8	9.989 099	15	0.010 901	9.854 867	7	719	
282	9.843 974	8	9.989 114	15	0.010 886	9.854 860	8	718	
283	9.843 982	7	9.989 129	15	0.010 871	9.854 852	7	717	
284	9.843 989	8	9.989 144	16	0.010 856	9.854 845	7	716	
285	9.843 997	8	9.989 160	15	0.010 840	9.854 838	8	715	
286	9.844 005	8	9.989 175	15	0.010 825	9.854 830	7	714	
287	9.844 013	8	9.989 190	15	0.010 810	9.854 823	8	713	
288	9.844 021	7	9.989 205	15	0.010 795	9.854 815	7	712	
289	9.844 028	8	9.989 220	15	0.010 780	9.854 808	7	711	
.290	9.844 036	8	9.989 235	16	0.010 765	9.854 801	8	**.710**	
291	9.844 044	8	9.989 251	15	0.010 749	9.854 793	7	709	
292	9.844 052	7	9.989 266	15	0.010 734	9.854 786	8	708	
293	9.844 059	8	9.989 281	15	0.010 719	9.854 778	7	707	
294	9.844 067	8	9.989 296	15	0.010 704	9.854 771	7	706	
295	9.844 075	8	9.989 311	15	0.010 689	9.854 764	8	705	
296	9.844 083	7	9.989 326	16	0.010 674	9.854 756	7	704	
297	9.844 090	8	9.989 342	15	0.010 658	9.854 749	8	703	
298	9.844 098	8	9.989 357	15	0.010 643	9.854 741	7	702	
299	9.844 106	8	9.989 372	15	0.010 628	9.854 734	7	701	
.300	9.844 114		9.989 387		0.010 613	9.854 727		**.700**	
	cos	d	cotg	d	tang	sin	d	45°	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	8	7
1	0.8	0.7
2	1.6	1.4
3	2.4	2.1
4	3.2	2.8
5	4.0	3.5
6	4.8	4.2
7	5.6	4.9
8	6.4	5.6
9	7.2	6.3

45°.750 — 45°.700

44°.300 — 44°.350

44°	sin	d	tang	d	cotg	cos	d		P.P.
.300	9.844 114	8	9.989 387	15	0.010 613	9.854 727	8	**.700**	
301	9.844 122	7	9.989 402	15	0.010 598	9.854 719	7	699	
302	9.844 129	8	9.989 417	16	0.010 583	9.854 712	8	698	
303	9.844 137	8	9.989 433	15	0.010 567	9.854 704	7	697	
304	9.844 145	8	9.989 448	15	0.010 552	9.854 697	7	696	
305	9.844 153	7	9.989 463	15	0.010 537	9.854 690	8	695	
306	9.844 160	8	9.989 478	15	0.010 522	9.854 682	7	694	
307	9.844 168	8	9.989 493	15	0.010 507	9.854 675	8	693	
308	9.844 176	8	9.989 508	16	0.010 492	9.854 667	7	692	
309	9.844 184	7	9.989 524	15	0.010 476	9.854 660	7	691	
.310	9.844 191	8	9.989 539	15	0.010 461	9.854 653	8	**.690**	
311	9.844 199	8	9.989 554	15	0.010 446	9.854 645	7	689	
312	9.844 207	8	9.989 569	15	0.010 431	9.854 638	8	688	
313	9.844 215	7	9.989 584	15	0.010 416	9.854 630	7	687	
314	9.844 222	8	9.989 599	16	0.010 401	9.854 623	7	686	
315	9.844 230	8	9.989 615	15	0.010 385	9.854 616	8	685	
316	9.844 238	8	9.989 630	15	0.010 370	9.854 608	7	684	
317	9.844 246	8	9.989 645	15	0.010 355	9.854 601	8	683	
318	9.844 254	7	9.989 660	15	0.010 340	9.854 593	7	682	
319	9.844 261	8	9.989 675	15	0.010 325	9.854 586	7	681	
.320	9.844 269	8	9.989 690	16	0.010 310	9.854 579	8	**.680**	
321	9.844 277	8	9.989 706	15	0.010 294	9.854 571	7	679	
322	9.844 285	7	9.989 721	15	0.010 279	9.854 564	8	678	
323	9.844 292	8	9.989 736	15	0.010 264	9.854 556	7	677	
324	9.844 300	8	9.989 751	15	0.010 249	9.854 549	7	676	
325	9.844 308	8	9.989 766	15	0.010 234	9.854 542	8	675	
326	9.844 316	7	9.989 781	16	0.010 219	9.854 534	7	674	
327	9.844 323	8	9.989 797	15	0.010 203	9.854 527	8	673	
328	9.844 331	8	9.989 812	15	0.010 188	9.854 519	7	672	
329	9.844 339	8	9.989 827	15	0.010 173	9.854 512	7	671	
.330	9.844 347	7	9.989 842	15	0.010 158	9.854 505	8	**.670**	
331	9.844 354	8	9.989 857	15	0.010 143	9.854 497	7	669	
332	9.844 362	8	9.989 872	16	0.010 128	9.854 490	8	668	
333	9.844 370	8	9.989 888	15	0.010 112	9.854 482	7	667	
334	9.844 378	7	9.989 903	15	0.010 097	9.854 475	7	666	
335	9.844 385	8	9.989 918	15	0.010 082	9.854 468	8	665	
336	9.844 393	8	9.989 933	15	0.010 067	9.854 460	7	664	
337	9.844 401	8	9.989 948	15	0.010 052	9.854 453	8	663	
338	9.844 409	7	9.989 963	16	0.010 037	9.854 445	7	662	
339	9.844 416	8	9.989 979	15	0.010 021	9.854 438	7	661	
.340	9.844 424	8	9.989 994	15	0.010 006	9.854 431	8	**.660**	
341	9.844 432	8	9.990 009	15	0.009 991	9.854 423	7	659	
342	9.844 440	7	9.990 024	15	0.009 976	9.854 416	8	658	
343	9.844 447	8	9.990 039	15	0.009 961	9.854 408	7	657	
344	9.844 455	8	9.990 054	16	0.009 946	9.854 401	8	656	
345	9.844 463	8	9.990 070	15	0.009 930	9.854 393	7	655	
346	9.844 471	8	9.990 085	15	0.009 915	9.854 386	7	654	
347	9.844 479	7	9.990 100	15	0.009 900	9.854 379	8	653	
348	9.844 486	8	9.990 115	15	0.009 885	9.854 371	7	652	
349	9.844 494	8	9.990 130	15	0.009 870	9.854 364	8	651	
.350	9.844 502		9.990 145		0.009 855	9.854 356		**.650**	
	cos	d	cotg	d	tang	sin	d	**45°**	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	8	7
1	0.8	0.7
2	1.6	1.4
3	2.4	2.1
4	3.2	2.8
5	4.0	3.5
6	4.8	4.2
7	5.6	4.9
8	6.4	5.6
9	7.2	6.3

45°.700 — 45°.650

44°.350 — 44°.400

44°	sin	d	tang	d	cotg	cos	d		P.P.
.350	9.844 502	8	9.990 145	15	0.009 855	9.854 356	7	**.650**	
351	9.844 510	7	9.990 160	16	0.009 840	9.854 349	7	649	
352	9.844 517	8	9.990 176	15	0.009 824	9.854 342	8	648	
353	9.844 525	8	9.990 191	15	0.009 809	9.854 334	7	647	
354	9.844 533	8	9.990 206	15	0.009 794	9.854 327	8	646	
355	9.844 541	7	9.990 221	15	0.009 779	9.854 319	7	645	
356	9.844 548	8	9.990 236	15	0.009 764	9.854 312	7	644	
357	9.844 556	8	9.990 251	16	0.009 749	9.854 305	8	643	
358	9.844 564	8	9.990 267	15	0.009 733	9.854 297	7	642	
359	9.844 572	7	9.990 282	15	0.009 718	9.854 290	8	641	
.360	9.844 579	8	9.990 297	15	0.009 703	9.854 282	7	**.640**	
361	9.844 587	8	9.990 312	15	0.009 688	9.854 275	7	639	
362	9.844 595	8	9.990 327	15	0.009 673	9.854 268	8	638	
363	9.844 603	7	9.990 342	16	0.009 658	9.854 260	7	637	
364	9.844 610	8	9.990 358	15	0.009 642	9.854 253	8	636	
365	9.844 618	8	9.990 373	15	0.009 627	9.854 245	7	635	
366	9.844 626	8	9.990 388	15	0.009 612	9.854 238	8	634	
367	9.844 634	7	9.990 403	15	0.009 597	9.854 230	7	633	
368	9.844 641	8	9.990 418	15	0.009 582	9.854 223	7	632	
369	9.844 649	8	9.990 433	16	0.009 567	9.854 216	8	631	
.370	9.844 657	8	9.990 449	15	0.009 551	9.854 208	7	**.630**	
371	9.844 665	7	9.990 464	15	0.009 536	9.854 201	8	629	
372	9.844 672	8	9.990 479	15	0.009 521	9.854 193	7	628	
373	9.844 680	8	9.990 494	15	0.009 506	9.854 186	7	627	
374	9.844 688	8	9.990 509	15	0.009 491	9.854 179	8	626	
375	9.844 696	7	9.990 524	16	0.009 476	9.854 171	7	625	
376	9.844 703	8	9.990 540	15	0.009 460	9.854 164	8	624	
377	9.844 711	8	9.990 555	15	0.009 445	9.854 156	7	623	
378	9.844 719	8	9.990 570	15	0.009 430	9.854 149	8	622	
379	9.844 727	7	9.990 585	15	0.009 415	9.854 141	7	621	
.380	9.844 734	8	9.990 600	15	0.009 400	9.854 134	7	**.620**	
381	9.844 742	8	9.990 615	16	0.009 385	9.854 127	8	619	
382	9.844 750	7	9.990 631	15	0.009 369	9.854 119	7	618	
383	9.844 757	8	9.990 646	15	0.009 354	9.854 112	8	617	
384	9.844 765	8	9.990 661	15	0.009 339	9.854 104	7	616	
385	9.844 773	8	9.990 676	15	0.009 324	9.854 097	7	615	
386	9.844 781	7	9.990 691	15	0.009 309	9.854 090	8	614	
387	9.844 788	8	9.990 706	16	0.009 294	9.854 082	7	613	
388	9.844 796	8	9.990 722	15	0.009 278	9.854 075	8	612	
389	9.844 804	8	9.990 737	15	0.009 263	9.854 067	7	611	
.390	9.844 812	7	9.990 752	15	0.009 248	9.854 060	8	**.610**	
391	9.844 819	8	9.990 767	15	0.009 233	9.854 052	7	609	
392	9.844 827	8	9.990 782	15	0.009 218	9.854 045	7	608	
393	9.844 835	8	9.990 797	16	0.009 203	9.854 038	8	607	
394	9.844 843	7	9.990 813	15	0.009 187	9.854 030	7	606	
395	9.844 850	8	9.990 828	15	0.009 172	9.854 023	8	605	
396	9.844 858	8	9.990 843	15	0.009 157	9.854 015	7	604	
397	9.844 866	8	9.990 858	15	0.009 142	9.854 008	8	603	
398	9.844 874	7	9.990 873	15	0.009 127	9.854 000	7	602	
399	9.844 881	8	9.990 888	15	0.009 112	9.853 993	7	601	
.400	9.844 889		9.990 903		0.009 097	9.853 986		**.600**	
	cos	d	cotg	d	tang	sin	d	**45°**	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	8	7
1	0.8	0.7
2	1.6	1.4
3	2.4	2.1
4	3.2	2.8
5	4.0	3.5
6	4.8	4.2
7	5.6	4.9
8	6.4	5.6
9	7.2	6.3

45°.650 — 45°.600

44°.400 — 44°.450

44°	sin	d	tang	d	cotg	cos	d		P.P.
.400	9.844 889	8	9.990 903	16	0.009 097	9.853 986	8	.600	
401	9.844 897	8	9.990 919	15	0.009 081	9.853 978	7	599	
402	9.844 905	7	9.990 934	15	0.009 066	9.853 971	8	598	
403	9.844 912	8	9.990 949	15	0.009 051	9.853 963	7	597	
404	9.844 920	8	9.990 964	15	0.009 036	9.853 956	7	596	
405	9.844 928	8	9.990 979	15	0.009 021	9.853 949	8	595	
406	9.844 936	7	9.990 994	16	0.009 006	9.853 941	7	594	
407	9.844 943	8	9.991 010	15	0.008 990	9.853 934	8	593	
408	9.844 951	8	9.991 025	15	0.008 975	9.853 926	7	592	
409	9.844 959	8	9.991 040	15	0.008 960	9.853 919	8	591	
.410	9.844 967	7	9.991 055	15	0.008 945	9.853 911	7	.590	
411	9.844 974	8	9.991 070	15	0.008 930	9.853 904	7	589	
412	9.844 982	8	9.991 085	16	0.008 915	9.853 897	8	588	
413	9.844 990	7	9.991 101	15	0.008 899	9.853 889	7	587	
414	9.844 997	8	9.991 116	15	0.008 884	9.853 882	8	586	
415	9.845 005	8	9.991 131	15	0.008 869	9.853 874	7	585	
416	9.845 013	8	9.991 146	15	0.008 854	9.853 867	8	584	
417	9.845 021	7	9.991 161	15	0.008 839	9.853 859	7	583	
418	9.845 028	8	9.991 176	16	0.008 824	9.853 852	7	582	
419	9.845 036	8	9.991 192	15	0.008 808	9.853 845	8	581	
.420	9.845 044	8	9.991 207	15	0.008 793	9.853 837	7	.580	
421	9.845 052	7	9.991 222	15	0.008 778	9.853 830	8	579	
422	9.845 059	8	9.991 237	15	0.008 763	9.853 822	7	578	
423	9.845 067	8	9.991 252	15	0.008 748	9.853 815	8	577	
424	9.845 075	8	9.991 267	16	0.008 733	9.853 807	7	576	
425	9.845 083	7	9.991 283	15	0.008 717	9.853 800	7	575	
426	9.845 090	8	9.991 298	15	0.008 702	9.853 793	8	574	
427	9.845 098	8	9.991 313	15	0.008 687	9.853 785	7	573	
428	9.845 106	7	9.991 328	15	0.008 672	9.853 778	8	572	
429	9.845 113	8	9.991 343	15	0.008 657	9.853 770	7	571	
.430	9.845 121	8	9.991 358	16	0.008 642	9.853 763	8	.570	
431	9.845 129	8	9.991 374	15	0.008 626	9.853 755	7	569	
432	9.845 137	7	9.991 389	15	0.008 611	9.853 748	7	568	
433	9.845 144	8	9.991 404	15	0.008 596	9.853 741	8	567	
434	9.845 152	8	9.991 419	15	0.008 581	9.853 733	7	566	
435	9.845 160	8	9.991 434	15	0.008 566	9.853 726	8	565	
436	9.845 168	7	9.991 449	16	0.008 551	9.853 718	7	564	
437	9.845 175	8	9.991 465	15	0.008 535	9.853 711	8	563	
438	9.845 183	8	9.991 480	15	0.008 520	9.853 703	7	562	
439	9.845 191	8	9.991 495	15	0.008 505	9.853 696	7	561	
.440	9.845 199	7	9.991 510	15	0.008 490	9.853 689	8	.560	
441	9.845 206	8	9.991 525	15	0.008 475	9.853 681	7	559	
442	9.845 214	8	9.991 540	15	0.008 460	9.853 674	8	558	
443	9.845 222	7	9.991 555	16	0.008 445	9.853 666	7	557	
444	9.845 229	8	9.991 571	15	0.008 429	9.853 659	8	556	
445	9.845 237	8	9.991 586	15	0.008 414	9.853 651	7	555	
446	9.845 245	8	9.991 601	15	0.008 399	9.853 644	8	554	
447	9.845 253	7	9.991 616	15	0.008 384	9.853 636	7	553	
448	9.845 260	8	9.991 631	15	0.008 369	9.853 629	7	552	
449	9.845 268	8	9.991 646	16	0.008 354	9.853 622	8	551	
.450	9.845 276		9.991 662		0.008 338	9.853 614		.550	
	cos	d	cotg	d	tang	sin	d	45°	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	8	7
1	0.8	0.7
2	1.6	1.4
3	2.4	2.1
4	3.2	2.8
5	4.0	3.5
6	4.8	4.2
7	5.6	4.9
8	6.4	5.6
9	7.2	6.3

45°.600 — 45°.550

44°.450 — 44°.500

44°	sin	d	tang	d	cotg	cos	d		P.P.
.450	9.845 276	8	9.991 662	15	0.008 338	9.853 614	7	**.550**	
451	9.845 284	7	9.991 677	15	0.008 323	9.853 607	8	549	
452	9.845 291	8	9.991 692	15	0.008 308	9.853 599	7	548	
453	9.845 299	8	9.991 707	15	0.008 293	9.853 592	8	547	
454	9.845 307	7	9.991 722	15	0.008 278	9.853 584	7	546	
455	9.845 314	8	9.991 737	16	0.008 263	9.853 577	7	545	
456	9.845 322	8	9.991 753	15	0.008 247	9.853 570	8	544	
457	9.845 330	8	9.991 768	15	0.008 232	9.853 562	7	543	
458	9.845 338	7	9.991 783	15	0.008 217	9.853 555	8	542	
459	9.845 345	8	9.991 798	15	0.008 202	9.853 547	7	541	
.460	9.845 353	8	9.991 813	15	0.008 187	9.853 540	8	**.540**	
461	9.845 361	7	9.991 828	16	0.008 172	9.853 532	7	539	
462	9.845 368	8	9.991 844	15	0.008 156	9.853 525	8	538	
463	9.845 376	8	9.991 859	15	0.008 141	9.853 517	7	537	
464	9.845 384	8	9.991 874	15	0.008 126	9.853 510	7	536	
465	9.845 392	7	9.991 889	15	0.008 111	9.853 503	8	535	
466	9.845 399	8	9.991 904	15	0.008 096	9.853 495	7	534	
467	9.845 407	8	9.991 919	16	0.008 081	9.853 488	8	533	
468	9.845 415	8	9.991 935	15	0.008 065	9.853 480	7	532	
469	9.845 423	7	9.991 950	15	0.008 050	9.853 473	8	531	
.470	9.845 430	8	9.991 965	15	0.008 035	9.853 465	7	**.530**	
471	9.845 438	8	9.991 980	15	0.008 020	9.853 458	7	529	
472	9.845 446	7	9.991 995	15	0.008 005	9.853 451	8	528	
473	9.845 453	8	9.992 010	16	0.007 990	9.853 443	7	527	
474	9.845 461	8	9.992 026	15	0.007 974	9.853 436	8	526	
475	9.845 469	8	9.992 041	15	0.007 959	9.853 428	7	525	
476	9.845 477	7	9.992 056	15	0.007 944	9.853 421	8	524	
477	9.845 484	8	9.992 071	15	0.007 929	9.853 413	7	523	
478	9.845 492	8	9.992 086	15	0.007 914	9.853 406	8	522	
479	9.845 500	7	9.992 101	16	0.007 899	9.853 398	7	521	
.480	9.845 507	8	9.992 117	15	0.007 883	9.853 391	7	**.520**	
481	9.845 515	8	9.992 132	15	0.007 868	9.853 384	8	519	
482	9.845 523	8	9.992 147	15	0.007 853	9.853 376	7	518	
483	9.845 531	7	9.992 162	15	0.007 838	9.853 369	8	517	
484	9.845 538	8	9.992 177	15	0.007 823	9.853 361	7	516	
485	9.845 546	8	9.992 192	15	0.007 808	9.853 354	8	515	
486	9.845 554	8	9.992 207	16	0.007 793	9.853 346	7	514	
487	9.845 562	7	9.992 223	15	0.007 777	9.853 339	8	513	
488	9.845 569	8	9.992 238	15	0.007 762	9.853 331	7	512	
489	9.845 577	8	9.992 253	15	0.007 747	9.853 324	7	511	
.490	9.845 585	7	9.992 268	15	0.007 732	9.853 317	8	**.510**	
491	9.845 592	8	9.992 283	15	0.007 717	9.853 309	7	509	
492	9.845 600	8	9.992 298	16	0.007 702	9.853 302	8	508	
493	9.845 608	8	9.992 314	15	0.007 686	9.853 294	7	507	
494	9.845 616	7	9.992 329	15	0.007 671	9.853 287	8	506	
495	9.845 623	8	9.992 344	15	0.007 656	9.853 279	7	505	
496	9.845 631	8	9.992 359	15	0.007 641	9.853 272	8	504	
497	9.845 639	7	9.992 374	15	0.007 626	9.853 264	7	503	
498	9.845 646	8	9.992 389	16	0.007 611	9.853 257	7	502	
499	9.845 654	8	9.992 405	15	0.007 595	9.853 250	8	501	
.500	9.845 662		9.992 420		0.008 580	9.853 242		**.500**	
	cos	d	cotg	d	tang	sin	d	45°	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	8	7
1	0.8	0.7
2	1.6	1.4
3	2.4	2.1
4	3.2	2.8
5	4.0	3.5
6	4.8	4.2
7	5.6	4.9
8	6.4	5.6
9	7.2	6.3

45°.550 — 45°.500

44°.500 — 44°.550

44°	sin	d	tang	d	cotg	cos	d		P.P.
.500	9.845 662	8	9.992 420	15	0.007 580	9.853 242	7	**.500**	
501	9.845 670	7	9.992 435	15	0.007 565	9.853 235	8	499	
502	9.845 677	8	9.992 450	15	0.007 550	9.853 227	7	498	
503	9.845 685	8	9.992 465	15	0.007 535	9.853 220	8	497	
504	9.845 693	7	9.992 480	16	0.007 520	9.853 212	7	496	
505	9.845 700	8	9.992 496	15	0.007 504	9.853 205	8	495	
506	9.845 708	8	9.992 511	15	0.007 489	9.853 197	7	494	
507	9.845 716	7	9.992 526	15	0.007 474	9.853 190	8	493	
508	9.845 723	8	9.992 541	15	0.007 459	9.853 182	7	492	
509	9.845 731	8	9.992 556	15	0.007 444	9.853 175	7	491	
.510	9.845 739	8	9.992 571	16	0.007 429	9.853 168	8	**.490**	
511	9.845 747	7	9.992 587	15	0.007 413	9.853 160	7	489	
512	9.845 754	8	9.992 602	15	0.007 398	9.853 153	8	488	
513	9.845 762	8	9.992 617	15	0.007 383	9.853 145	7	487	
514	9.845 770	7	9.992 632	15	0.007 368	9.853 138	8	486	
515	9.845 777	8	9.992 647	15	0.007 353	9.853 130	7	485	
516	9.845 785	8	9.992 662	15	0.007 338	9.853 123	8	484	
517	9.845 793	8	9.992 677	16	0.007 323	9.853 115	7	483	
518	9.845 801	7	9.992 693	15	0.007 307	9.853 108	8	482	
519	9.845 808	8	9.992 708	15	0.007 292	9.853 100	7	481	
.520	9.845 816	8	9.992 723	15	0.007 277	9.853 093	7	**.480**	
521	9.845 824	7	9.992 738	15	0.007 262	9.853 086	8	479	
522	9.845 831	8	9.992 753	15	0.007 247	9.853 078	7	478	
523	9.845 839	8	9.992 768	16	0.007 232	9.853 071	8	477	
524	9.845 847	8	9.992 784	15	0.007 216	9.853 063	7	476	
525	9.845 855	7	9.992 799	15	0.007 201	9.853 056	8	475	
526	9.845 862	8	9.992 814	15	0.007 186	9.853 048	7	474	
527	9.845 870	8	9.992 829	15	0.007 171	9.853 041	8	473	
528	9.845 878	7	9.992 844	15	0.007 156	9.853 033	7	472	
529	9.845 885	8	9.992 859	16	0.007 141	9.853 026	8	471	
.530	9.845 893	8	9.992 875	15	0.007 125	9.853 018	7	**.470**	
531	9.845 901	7	9.992 890	15	0.007 110	9.853 011	7	469	
532	9.845 908	8	9.992 905	15	0.007 095	9.853 004	8	468	
533	9.845 916	8	9.992 920	15	0.007 080	9.852 996	7	467	
534	9.845 924	8	9.992 935	15	0.007 065	9.852 989	8	466	
535	9.845 932	7	9.992 950	16	0.007 050	9.852 981	7	465	
536	9.845 939	8	9.992 966	15	0.007 034	9.852 974	8	464	
537	9.845 947	8	9.992 981	15	0.007 019	9.852 966	7	463	
538	9.845 955	7	9.992 996	15	0.007 004	9.852 959	8	462	
539	9.845 962	8	9.993 011	15	0.006 989	9.852 951	7	461	
.540	9.845 970	8	9.993 026	15	0.006 974	9.852 944	8	**.460**	
541	9.845 978	8	9.993 041	16	0.006 959	9.852 936	7	459	
542	9.845 986	7	9.993 057	15	0.006 943	9.852 929	7	458	
543	9.845 993	8	9.993 072	15	0.006 928	9.852 922	8	457	
544	9.846 001	8	9.993 087	15	0.006 913	9.852 914	7	456	
545	9.846 009	7	9.993 102	15	0.006 898	9.852 907	8	455	
546	9.846 016	8	9.993 117	15	0.006 883	9.852 899	7	454	
547	9.846 024	8	9.993 132	16	0.006 868	9.852 892	8	453	
548	9.846 032	7	9.993 148	15	0.006 852	9.852 884	7	452	
549	9.846 039	8	9.993 163	15	0.006 837	9.852 877	8	451	
.550	9.846 047		9.993 178		0.006 822	9.852 869		**.450**	
	cos	d	cotg	d	tang	sin	d	**45°**	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	8	7
1	0.8	0.7
2	1.6	1.4
3	2.4	2.1
4	3.2	2.8
5	4.0	3.5
6	4.8	4.2
7	5.6	4.9
8	6.4	5.6
9	7.2	6.3

45°.500 — 45°.450

44°.550 — 44°.600

44°	sin	d	tang	d	cotg	cos	d		P.P.
.550	9.846 047	8	9.993 178	15	0.006 822	9.852 869	7	**.450**	
551	9.846 055	8	9.993 193	15	0.006 807	9.852 862	8	449	
552	9.846 063	7	9.993 208	15	0.006 792	9.852 854	7	448	
553	9.846 070	8	9.993 223	15	0.006 777	9.852 847	8	447	
554	9.846 078	8	9.993 238	16	0.006 762	9.852 839	7	446	
555	9.846 086	7	9.993 254	15	0.006 746	9.852 832	7	445	
556	9.846 093	8	9.993 269	15	0.006 731	9.852 825	8	444	
557	9.846 101	8	9.993 284	15	0.006 716	9.852 817	7	443	
558	9.846 109	7	9.993 299	15	0.006 701	9.852 810	8	442	
559	9.846 116	8	9.993 314	15	0.006 686	9.852 802	7	441	
.560	9.846 124	8	9.993 329	16	0.006 671	9.852 795	8	**.440**	
561	9.846 132	8	9.993 345	15	0.006 655	9.852 787	7	439	
562	9.846 140	7	9.993 360	15	0.006 640	9.852 780	8	438	
563	9.846 147	8	9.993 375	15	0.006 625	9.852 772	7	437	
564	9.846 155	8	9.993 390	15	0.006 610	9.852 765	8	436	
565	9.846 163	7	9.993 405	15	0.006 595	9.852 757	7	435	
566	9.846 170	8	9.993 420	16	0.006 580	9.852 750	8	434	
567	9.846 178	8	9.993 436	15	0.006 564	9.852 742	7	433	
568	9.846 186	7	9.993 451	15	0.006 549	9.852 735	8	432	
569	9.846 193	8	9.993 466	15	0.006 534	9.852 727	7	431	
.570	9.846 201	8	9.993 481	15	0.006 519	9.852 720	7	**.430**	
571	9.846 209	7	9.993 496	15	0.006 504	9.852 713	8	429	
572	9.846 216	8	9.993 511	16	0.006 489	9.852 705	7	428	
573	9.846 224	8	9.993 527	15	0.006 473	9.852 698	8	427	
574	9.846 232	8	9.993 542	15	0.006 458	9.852 690	7	426	
575	9.846 240	7	9.993 557	15	0.006 443	9.852 683	8	425	
576	9.846 247	8	9.993 572	15	0.006 428	9.852 675	7	424	
577	9.846 255	8	9.993 587	15	0.006 413	9.852 668	8	423	
578	9.846 263	7	9.993 602	16	0.006 398	9.852 660	7	422	
579	9.846 270	8	9.993 618	15	0.006 382	9.852 653	8	421	
.580	9.846 278	8	9.993 633	15	0.006 367	9.852 645	7	**.420**	
581	9.846 286	7	9.993 648	15	0.006 352	9.852 638	8	419	
582	9.846 293	8	9.993 663	15	0.006 337	9.852 630	7	418	
583	9.846 301	8	9.993 678	15	0.006 322	9.852 623	8	417	
584	9.846 309	7	9.993 693	15	0.006 307	9.852 615	7	416	
585	9.846 316	8	9.993 708	16	0.006 292	9.852 608	7	415	
586	9.846 324	8	9.993 724	15	0.006 276	9.852 601	8	414	
587	9.846 332	8	9.993 739	15	0.006 261	9.852 593	7	413	
588	9.846 340	7	9.993 754	15	0.006 246	9.852 586	8	412	
589	9.846 347	8	9.993 769	15	0.006 231	9.852 578	7	411	
.590	9.846 355	8	9.993 784	15	0.006 216	9.852 571	8	**.410**	
591	9.846 363	7	9.993 799	16	0.006 201	9.852 563	7	409	
592	9.846 370	8	9.993 815	15	0.006 185	9.852 556	8	408	
593	9.846 378	8	9.993 830	15	0.006 170	9.852 548	7	407	
594	9.846 386	7	9.993 845	15	0.006 155	9.852 541	8	406	
595	9.846 393	8	9.993 860	15	0.006 140	9.852 533	7	405	
596	9.846 401	8	9.993 875	15	0.006 125	9.852 526	8	404	
597	9.846 409	7	9.993 890	16	0.006 110	9.852 518	7	403	
598	9.846 416	8	9.993 906	15	0.006 094	9.852 511	8	402	
599	9.846 424	8	9.993 921	15	0.006 079	9.852 503	7	401	
.600	9.846 432		9.993 936		0.006 064	9.852 496		**.400**	
	cos	d	cotg	d	tang	sin	d	45°	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	8	7
1	0.8	0.7
2	1.6	1.4
3	2.4	2.1
4	3.2	2.8
5	4.0	3.5
6	4.8	4.2
7	5.6	4.9
8	6.4	5.6
9	7.2	6.3

45°.450 — 45°.400

44°.600 — 44°.650

44°	sin	d	tang	d	cotg	cos	d		P.P.
.600	9.846 432	7	9.993 936	15	0.006 064	9.852 496	8	**.400**	
601	9.846 439	8	9.993 951	15	0.006 049	9.852 488	7	399	
602	9.846 447	8	9.993 966	15	0.006 034	9.852 481	8	398	
603	9.846 455	8	9.993 981	16	0.006 019	9.852 473	7	397	
604	9.846 463	7	9.993 997	15	0.006 003	9.852 466	7	396	
605	9.846 470	8	9.994 012	15	0.005 988	9.852 459	8	395	
606	9.846 478	8	9.994 027	15	0.005 973	9.852 451	7	394	
607	9.846 486	7	9.994 042	15	0.005 958	9.852 444	8	393	
608	9.846 493	8	9.994 057	15	0.005 943	9.852 436	7	392	
609	9.846 501	8	9.994 072	16	0.005 928	9.852 429	8	391	
.610	9.846 509	7	9.994 088	15	0.005 912	9.852 421	7	**.390**	
611	9.846 516	8	9.994 103	15	0.005 897	9.852 414	8	389	
612	9.846 524	8	9.994 118	15	0.005 882	9.852 406	7	388	
613	9.846 532	7	9.994 133	15	0.005 867	9.852 399	8	387	
614	9.846 539	8	9.994 148	15	0.005 852	9.852 391	7	386	
615	9.846 547	8	9.994 163	15	0.005 837	9.852 384	8	385	
616	9.846 555	7	9.994 178	16	0.005 822	9.852 376	7	384	
617	9.846 562	8	9.994 194	15	0.005 806	9.852 369	8	383	
618	9.846 570	8	9.994 209	15	0.005 791	9.852 361	7	382	
619	9.846 578	7	9.994 224	15	0.005 776	9.852 354	8	381	
.620	9.846 585	8	9.994 239	15	0.005 761	9.852 346	7	**.380**	
621	9.846 593	8	9.994 254	15	0.005 746	9.852 339	8	379	
622	9.846 601	8	9.994 269	16	0.005 731	9.852 331	7	378	
623	9.846 609	7	9.994 285	15	0.005 715	9.852 324	8	377	
624	9.846 616	8	9.994 300	15	0.005 700	9.852 316	7	376	
625	9.846 624	8	9.994 315	15	0.005 685	9.852 309	8	375	
626	9.846 632	7	9.994 330	15	0.005 670	9.852 301	7	374	
627	9.846 639	8	9.994 345	15	0.005 655	9.852 294	8	373	
628	9.846 647	8	9.994 360	16	0.005 640	9.852 286	7	372	
629	9.846 655	7	9.994 376	15	0.005 624	9.852 279	7	371	
.630	9.846 662	8	9.994 391	15	0.005 609	9.852 272	8	**.370**	
631	9.846 670	8	9.994 406	15	0.005 594	9.852 264	7	369	
632	9.846 678	7	9.994 421	15	0.005 579	9.852 257	8	368	
633	9.846 685	8	9.994 436	15	0.005 564	9.852 249	7	367	
634	9.846 693	8	9.994 451	16	0.005 549	9.852 242	8	366	
635	9.846 701	7	9.994 467	15	0.005 533	9.852 234	7	365	
636	9.846 708	8	9.994 482	15	0.005 518	9.852 227	8	364	
637	9.846 716	8	9.994 497	15	0.005 503	9.852 219	7	363	
638	9.846 724	7	9.994 512	15	0.005 488	9.852 212	8	362	
639	9.846 731	8	9.994 527	15	0.005 473	9.852 204	7	361	
.640	9.846 739	8	9.994 542	16	0.005 458	9.852 197	8	**.360**	
641	9.846 747	7	9.994 558	15	0.005 442	9.852 189	7	359	
642	9.846 754	8	9.994 573	15	0.005 427	9.852 182	8	358	
643	9.846 762	8	9.994 588	15	0.005 412	9.852 174	7	357	
644	9.846 770	7	9.994 603	15	0.005 397	9.852 167	8	356	
645	9.846 777	8	9.994 618	15	0.005 382	9.852 159	7	355	
646	9.846 785	8	9.994 633	15	0.005 367	9.852 152	8	354	
647	9.846 793	7	9.994 648	16	0.005 352	9.852 144	7	353	
648	9.846 800	8	9.994 664	15	0.005 336	9.852 137	8	352	
649	9.846 808	8	9.994 679	15	0.005 321	9.852 129	7	351	
.650	9.846 816		9.994 694		0.005 306	9.852 122		**.350**	
	cos	d	cotg	d	tang	sin	d	**45°**	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	8	7
1	0.8	0.7
2	1.6	1.4
3	2.4	2.1
4	3.2	2.8
5	4.0	3.5
6	4.8	4.2
7	5.6	4.9
8	6.4	5.6
9	7.2	6.3

45°.400 — 45°.350

44°.650 — 44°.700

44°	sin	d	tang	d	cotg	cos	d		P.P.
.650	9.846 816		9.994 694		0.005 306	9.852 122		**.350**	
		7		15			8		
651	9.846 823		9.994 709		0.005 291	9.852 114		349	
652	9.846 831	8	9.994 724	15	0.005 276	9.852 107	7	348	
653	9.846 839	8	9.994 739	15	0.005 261	9.852 099	8	347	
		7		16			7		
654	9.846 846		9.994 755		0.005 245	9.852 092		346	
655	9.846 854	8	9.994 770	15	0.005 230	9.852 084	8	345	
656	9.846 862	8	9.994 785	15	0.005 215	9.852 077	7	344	
		7		15			8		
657	9.846 869		9.994 800		0.005 200	9.852 069		343	
658	9.846 877	8	9.994 815	15	0.005 185	9.852 062	7	342	
659	9.846 885	8	9.994 830	15	0.005 170	9.852 054	8	341	
		7		16			7		
.660	9.846 892		9.994 846		0.005 154	9.852 047		**.340**	
		8		15			8		
661	9.846 900		9.994 861		0.005 139	9.852 039		339	
662	9.846 908	8	9.994 876	15	0.005 124	9.852 032	7	338	
663	9.846 916	8	9.994 891	15	0.005 109	9.852 024	8	337	
		7		15			7		
664	9.846 923		9.994 906		0.005 094	9.852 017		336	
665	9.846 931	8	9.994 921	15	0.005 079	9.852 009	8	335	
666	9.846 939	8	9.994 937	16	0.005 063	9.852 002	7	334	
		7		15			8		
667	9.846 946		9.994 952		0.005 048	9.851 994		333	
668	9.846 954	8	9.994 967	15	0.005 033	9.851 987	7	332	
669	9.846 962	8	9.994 982	15	0.005 018	9.851 979	8	331	
		7		15			7		
.670	9.846 969		9.994 997		0.005 003	9.851 972		**.330**	
		8		15			7		
671	9.846 977		9.995 012		0.004 988	9.851 965		329	
672	9.846 985	8	9.995 027	15	0.004 973	9.851 957	8	328	
673	9.846 992	7	9.995 043	16	0.004 957	9.851 950	7	327	
		8		15			8		
674	9.847 000		9.995 058		0.004 942	9.851 942		326	
675	9.847 008	8	9.995 073	15	0.004 927	9.851 935	7	325	
676	9.847 015	7	9.995 088	15	0.004 912	9.851 927	8	324	
		8		15			7		
677	9.847 023		9.995 103		0.004 897	9.851 920		323	
678	9.847 031	8	9.995 118	15	0.004 882	9.851 912	8	322	
679	9.847 038	7	9.995 134	16	0.004 866	9.851 905	7	321	
		8		15			8		
.680	9.847 046		9.995 149		0.004 851	9.851 897		**.320**	
		8		15			7		
681	9.847 054		9.995 164		0.004 836	9.851 890		319	
682	9.847 061	7	9.995 179	15	0.004 821	9.851 882	8	318	
683	9.847 069	8	9.995 194	15	0.004 806	9.851 875	7	317	
		8		15			8		
684	9.847 077		9.995 209		0.004 791	9.851 867		316	
685	9.847 084	7	9.995 225	16	0.004 775	9.851 860	7	315	
686	9.847 092	8	9.995 240	15	0.004 760	9.851 852	8	314	
		7		15			7		
687	9.847 099		9.995 255		0.004 745	9.851 845		313	
688	9.847 107	8	9.995 270	15	0.004 730	9.851 837	8	312	
689	9.847 115	8	9.995 285	15	0.004 715	9.851 830	7	311	
		7		15			8		
.690	9.847 122		9.995 300		0.004 700	9.851 822		**.310**	
		8		16			7		
691	9.847 130		9.995 316		0.004 684	9.851 815		309	
692	9.847 138	8	9.995 331	15	0.004 669	9.851 807	8	308	
693	9.847 145	7	9.995 346	15	0.004 654	9.851 800	7	307	
		8		15			8		
694	9.847 153		9.995 361		0.004 639	9.851 792		306	
695	9.847 161	8	9.995 376	15	0.004 624	9.851 785	7	305	
696	9.847 168	7	9.995 391	15	0.004 609	9.851 777	8	304	
		8		16			7		
697	9.847 176		9.995 407		0.004 593	9.851 770		303	
698	9.847 184	8	9.995 422	15	0.004 578	9.851 762	8	302	
699	9.847 191	7	9.995 437	15	0.004 563	9.851 755	7	301	
		8		15			8		
.700	9.847 199		9.995 452		0.004 548	9.851 747		**.300**	
	cos	d	cotg	d	tang	sin	d	**45°**	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	8	7
1	0.8	0.7
2	1.6	1.4
3	2.4	2.1
4	3.2	2.8
5	4.0	3.5
6	4.8	4.2
7	5.6	4.9
8	6.4	5.6
9	7.2	6.3

45°.350 — 45°.300

44°.700 — 44°.750

44°	sin	d	tang	d	cotg	cos	d		P.P.
.700	9.847 199	8	9.995 452	15	0.004 548	9.851 747	7	**.300**	
701	9.847 207	7	9.995 467	15	0.004 533	9.851 740	8	299	
702	9.847 214	8	9.995 482	15	0.004 518	9.851 732	7	298	
703	9.847 222	8	9.995 497	16	0.004 503	9.851 725	8	297	
704	9.847 230	7	9.995 513	15	0.004 487	9.851 717	7	296	
705	9.847 237	8	9.995 528	15	0.004 472	9.851 710	8	295	
706	9.847 245	8	9.995 543	15	0.004 457	9.851 702	7	294	
707	9.847 253	7	9.995 558	15	0.004 442	9.851 695	8	293	
708	9.847 260	8	9.995 573	15	0.004 427	9.851 687	7	292	
709	9.847 268	8	9.995 588	16	0.004 412	9.851 680	8	291	
.710	9.847 276	7	9.995 604	15	0.004 396	9.851 672	7	**.290**	
711	9.847 283	8	9.995 619	15	0.004 381	9.851 665	8	289	
712	9.847 291	8	9.995 634	15	0.004 366	9.851 657	7	288	
713	9.847 299	7	9.995 649	15	0.004 351	9.851 650	8	287	
714	9.847 306	8	9.995 664	15	0.004 336	9.851 642	7	286	
715	9.847 314	8	9.995 679	16	0.004 321	9.851 635	8	285	
716	9.847 322	7	9.995 695	15	0.004 305	9.851 627	7	284	
717	9.847 329	8	9.995 710	15	0.004 290	9.851 620	8	283	
718	9.847 337	8	9.995 725	15	0.004 275	9.851 612	7	282	
719	9.847 345	7	9.995 740	15	0.004 260	9.851 605	8	281	
.720	9.847 352	8	9.995 755	15	0.004 245	9.851 597	7	**.280**	
721	9.847 360	8	9.995 770	16	0.004 230	9.851 590	8	279	
722	9.847 368	7	9.995 786	15	0.004 214	9.851 582	7	278	
723	9.847 375	8	9.995 801	15	0.004 199	9.851 575	8	277	
724	9.847 383	8	9.995 816	15	0.004 184	9.851 567	8	276	
725	9.847 391	7	9.995 831	15	0.004 169	9.851 559	7	275	
726	9.847 398	8	9.995 846	15	0.004 154	9.851 552	8	274	
727	9.847 406	7	9.995 861	15	0.004 139	9.851 544	7	273	
728	9.847 413	8	9.995 876	16	0.004 124	9.851 537	8	272	
729	9.847 421	8	9.995 892	15	0.004 108	9.851 529	7	271	
.730	9.847 429	7	9.995 907	15	0.004 093	9.851 522	8	**.270**	
731	9.847 436	8	9.995 922	15	0.004 078	9.851 514	7	269	
732	9.847 444	8	9.995 937	15	0.004 063	9.851 507	8	268	
733	9.847 452	7	9.995 952	15	0.004 048	9.851 499	7	267	
734	9.847 459	8	9.995 967	16	0.004 033	9.851 492	8	266	
735	9.847 467	8	9.995 983	15	0.004 017	9.851 484	7	265	
736	9.847 475	7	9.995 998	15	0.004 002	9.851 477	8	264	
737	9.847 482	8	9.996 013	15	0.003 987	9.851 469	7	263	
738	9.847 490	8	9.996 028	15	0.003 972	9.851 462	8	262	
739	9.847 498	7	9.996 043	15	0.003 957	9.851 454	7	261	
.740	9.847 505	8	9.996 058	16	0.003 942	9.851 447	8	**.260**	
741	9.847 513	8	9.996 074	15	0.003 926	9.851 439	7	259	
742	9.847 521	7	9.996 089	15	0.003 911	9.851 432	8	258	
743	9.847 528	8	9.996 104	15	0.003 896	9.851 424	7	257	
744	9.847 536	8	9.996 119	15	0.003 881	9.851 417	8	256	
745	9.847 544	7	9.996 134	15	0.003 866	9.851 409	7	255	
746	9.847 551	8	9.996 149	16	0.003 851	9.851 402	8	254	
747	9.847 559	7	9.996 165	15	0.003 835	9.851 394	7	253	
748	9.847 566	8	9.996 180	15	0.003 820	9.851 387	8	252	
749	9.847 574	8	9.996 195	15	0.003 805	9.851 379	7	251	
.750	9.847 582		9.996 210		0.003 790	9.851 372		**.250**	
	cos	d	cotg	d	tang	sin	d	**45°**	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	8	7
1	0.8	0.7
2	1.6	1.4
3	2.4	2.1
4	3.2	2.8
5	4.0	3.5
6	4.8	4.2
7	5.6	4.9
8	6.4	5.6
9	7.2	6.3

45°.300 — 45°.250

44°.750 — 44°.800

44°	sin	d	tang	d	cotg	cos	d		P.P.
.750	9.847 582	7	9.996 210	15	0.003 790	9.851 372	8	**.250**	
751	9.847 589	8	9.996 225	15	0.003 775	9.851 364	7	249	
752	9.847 597	8	9.996 240	15	0.003 760	9.851 357	8	248	
753	9.847 605	7	9.996 255	16	0.003 745	9.851 349	7	247	
754	9.847 612	8	9.996 271	15	0.003 729	9.851 342	8	246	
755	9.847 620	8	9.996 286	15	0.003 714	9.851 334	7	245	
756	9.847 628	7	9.996 301	15	0.003 699	9.851 327	8	244	
757	9.847 635	8	9.996 316	15	0.003 684	9.851 319	7	243	
758	9.847 643	8	9.996 331	15	0.003 669	9.851 312	8	242	
759	9.847 651	7	9.996 346	16	0.003 654	9.851 304	7	241	
.760	9.847 658	8	9.996 362	15	0.003 638	9.851 297	8	**.240**	
761	9.847 666	7	9.996 377	15	0.003 623	9.851 289	7	239	
762	9.847 673	8	9.996 392	15	0.003 608	9.851 282	8	238	
763	9.847 681	8	9.996 407	15	0.003 593	9.851 274	7	237	
764	9.847 689	7	9.996 422	15	0.003 578	9.851 267	8	236	
765	9.847 696	8	9.996 437	16	0.003 563	9.851 259	8	235	
766	9.847 704	8	9.996 453	15	0.003 547	9.851 251	7	234	
767	9.847 712	7	9.996 468	15	0.003 532	9.851 244	8	233	
768	9.847 719	8	9.996 483	15	0.003 517	9.851 236	7	232	
769	9.847 727	8	9.996 498	15	0.003 502	9.851 229	8	231	
.770	9.847 735	7	9.996 513	15	0.003 487	9.851 221	7	**.230**	
771	9.847 742	8	9.996 528	16	0.003 472	9.851 214	8	229	
772	9.847 750	8	9.996 544	15	0.003 456	9.851 206	7	228	
773	9.847 758	7	9.996 559	15	0.003 441	9.851 199	8	227	
774	9.847 765	8	9.996 574	15	0.003 426	9.851 191	7	226	
775	9.847 773	7	9.996 589	15	0.003 411	9.851 184	8	225	
776	9.847 780	8	9.996 604	15	0.003 396	9.851 176	7	224	
777	9.847 788	8	9.996 619	16	0.003 381	9.851 169	8	223	
778	9.847 796	7	9.996 635	15	0.003 365	9.851 161	7	222	
779	9.847 803	8	9.996 650	15	0.003 350	9.851 154	8	221	
.780	9.847 811	8	9.996 665	15	0.003 335	9.851 146	7	**.220**	
781	9.847 819	7	9.996 680	15	0.003 320	9.851 139	8	219	
782	9.847 826	8	9.996 695	15	0.003 305	9.851 131	7	218	
783	9.847 834	8	9.996 710	15	0.003 290	9.851 124	8	217	
784	9.847 842	7	9.996 725	16	0.003 275	9.851 116	7	216	
785	9.847 849	8	9.996 741	15	0.003 259	9.851 109	8	215	
786	9.847 857	7	9.996 756	15	0.003 244	9.851 101	7	214	
787	9.847 864	8	9.996 771	15	0.003 229	9.851 094	8	213	
788	9.847 872	8	9.996 786	15	0.003 214	9.851 086	8	212	
789	9.847 880	7	9.996 801	15	0.003 199	9.851 078	7	211	
.790	9.847 887	8	9.996 816	16	0.003 184	9.851 071	8	**.210**	
791	9.847 895	8	9.996 832	15	0.003 168	9.851 063	7	209	
792	9.847 903	7	9.996 847	15	0.003 153	9.851 056	8	208	
793	9.847 910	8	9.996 862	15	0.003 138	9.851 048	7	207	
794	9.847 918	8	9.996 877	15	0.003 123	9.851 041	8	206	
795	9.847 926	7	9.996 892	15	0.003 108	9.851 033	7	205	
796	9.847 933	8	9.996 907	16	0.003 093	9.851 026	8	204	
797	9.847 941	7	9.996 923	15	0.003 077	9.851 018	7	203	
798	9.847 948	8	9.996 938	15	0.003 062	9.851 011	8	202	
799	9.847 956	8	9.996 953	15	0.003 047	9.851 003	7	201	
.800	9.847 964		9.996 968		0.003 032	9.850 996		**.200**	
	cos	d	cotg	d	tang	sin	d	45°	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	8	7
1	0.8	0.7
2	1.6	1.4
3	2.4	2.1
4	3.2	2.8
5	4.0	3.5
6	4.8	4.2
7	5.6	4.9
8	6.4	5.6
9	7.2	6.3

45°.250 — 45°.200

44°.800 — 44°.850

44°	sin	d	tang	d	cotg	cos	d		P.P.
.800	9.847 964		9.996 968		0.003 032	9.850 996		**.200**	
		7		15			8		
801	9.847 971		9.996 983		0.003 017	9.850 988		199	
		8		15			7		
802	9.847 979		9.996 998		0.003 002	9.850 981		198	
		8		16			8		
803	9.847 987		9.997 014		0.002 986	9.850 973		197	
		7		15			7		
804	9.847 994		9.997 029		0.002 971	9.850 966		196	
		8		15			8		
805	9.848 002		9.997 044		0.002 956	9.850 958		195	
		8		15			7		
806	9.848 010		9.997 059		0.002 941	9.850 951		194	
		7		15			8		
807	9.848 017		9.997 074		0.002 926	9.850 943		193	
		8		15			8		
808	9.848 025		9.997 089		0.002 911	9.850 935		192	
		7		15			7		
809	9.848 032		9.997 104		0.002 896	9.850 928		191	
		8		16			8		
.810	9.848 040		9.997 120		0.002 880	9.850 920		**.190**	
		8		15			7		
811	9.848 048		9.997 135		0.002 865	9.850 913		189	
		7		15			8		
812	9.848 055		9.997 150		0.002 850	9.850 905		188	
		8		15			7		
813	9.848 063		9.997 165		0.002 835	9.850 898		187	
		8		15			8		
814	9.848 071		9.997 180		0.002 820	9.850 890		186	
		7		15			7		
815	9.848 078		9.997 195		0.002 805	9.850 883		185	
		8		16			8		
816	9.848 086		9.997 211		0.002 789	9.850 875		184	
		7		15			7		
817	9.848 093		9.997 226		0.002 774	9.850 868		183	
		8		15			8		
818	9.848 101		9.997 241		0.002 759	9.850 860		182	
		8		15			7		
819	9.848 109		9.997 256		0.002 744	9.850 853		181	
		7		15			8		
.820	9.848 116		9.997 271		0.002 729	9.850 845		**.180**	
		8		15			7		
821	9.848 124		9.997 286		0.002 714	9.850 838		179	
		8		16			8		
822	9.848 132		9.997 302		0.002 698	9.850 830		178	
		7		15			7		
823	9.848 139		9.997 317		0.002 683	9.850 823		177	
		8		15			8		
824	9.848 147		9.997 332		0.002 668	9.850 815		176	
		7		15			8		
825	9.848 154		9.997 347		0.002 653	9.850 807		175	
		8		15			7		
826	9.848 162		9.997 362		0.002 638	9.850 800		174	
		8		15			8		
827	9.848 170		9.997 377		0.002 623	9.850 792		173	
		7		16			7		
828	9.848 177		9.997 393		0.002 607	9.850 785		172	
		8		15			8		
829	9.848 185		9.997 408		0.002 592	9.850 777		171	
		8		15			7		
.830	9.848 193		9.997 423		0.002 577	9.850 770		**.170**	
		7		15			8		
831	9.848 200		9.997 438		0.002 562	9.850 762		169	
		8		15			7		
832	9.848 208		9.997 453		0.002 547	9.850 755		168	
		7		15			8		
833	9.848 215		9.997 468		0.002 532	9.850 747		167	
		8		15			7		
834	9.848 223		9.997 483		0.002 517	9.850 740		166	
		8		16			8		
835	9.848 231		9.997 499		0.002 501	9.850 732		165	
		7		15			7		
836	9.848 238		9.997 514		0.002 486	9.850 725		164	
		8		15			8		
837	9.848 246		9.997 529		0.002 471	9.850 717		163	
		8		15			8		
838	9.848 254		9.997 544		0.002 456	9.850 709		162	
		7		15			7		
839	9.848 261		9.997 559		0.002 441	9.850 702		161	
		8		15			8		
.840	9.848 269		9.997 574		0.002 426	9.850 694		**.160**	
		7		16			7		
841	9.848 276		9.997 590		0.002 410	9.850 687		159	
		8		15			8		
842	9.848 284		9.997 605		0.002 395	9.850 679		158	
		8		15			7		
843	9.848 292		9.997 620		0.002 380	9.850 672		157	
		7		15			8		
844	9.848 299		9.997 635		0.002 365	9.850 664		156	
		8		15			7		
845	9.848 307		9.997 650		0.002 350	9.850 657		155	
		8		15			8		
846	9.848 315		9.997 665		0.002 335	9.850 649		154	
		7		16			7		
847	9.848 322		9.997 681		0.002 319	9.850 642		153	
		8		15			8		
848	9.848 330		9.997 696		0.002 304	9.850 634		152	
		7		15			7		
849	9.848 337		9.997 711		0.002 289	9.850 627		151	
		8		15			8		
.850	9.848 345		9.997 726		0.002 274	9.850 619		**.150**	
	cos	d	cotg	d	tang	sin	d	45°	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	8	7
1	0.8	0.7
2	1.6	1.4
3	2.4	2.1
4	3.2	2.8
5	4.0	3.5
6	4.8	4.2
7	5.6	4.9
8	6.4	5.6
9	7.2	6.3

45°.200 — 45°.150

44°.850 — 44°.900

44°	sin	d	tang	d	cotg	cos	d		P.P.
.850	9.848 345	8	9.997 726	15	0.002 274	9.850 619	8	**.150**	
851	9.848 353	7	9.997 741	15	0.002 259	9.850 611	7	149	
852	9.848 360	8	9.997 756	16	0.002 244	9.850 604	8	148	
853	9.848 368	8	9.997 772	15	0.002 228	9.850 596	7	147	
854	9.848 376	7	9.997 787	15	0.002 213	9.850 589	8	146	
855	9.848 383	8	9.997 802	15	0.002 198	9.850 581	7	145	
856	9.848 391	7	9.997 817	15	0.002 183	9.850 574	8	144	
857	9.848 398	8	9.997 832	15	0.002 168	9.850 566	7	143	
858	9.848 406	8	9.997 847	15	0.002 153	9.850 559	8	142	
859	9.848 414	7	9.997 862	16	0.002 138	9.850 551	7	141	
.860	9.848 421	8	9.997 878	15	0.002 122	9.850 544	8	**.140**	
861	9.848 429	7	9.997 893	15	0.002 107	9.850 536	7	139	
862	9.848 436	8	9.997 908	15	0.002 092	9.850 529	8	138	
863	9.848 444	8	9.997 923	15	0.002 077	9.850 521	8	137	
864	9.848 452	7	9.997 938	15	0.002 062	9.850 513	7	136	
865	9.848 459	8	9.997 953	16	0.002 047	9.850 506	8	135	
866	9.848 467	8	9.997 969	15	0.002 031	9.850 498	7	134	
867	9.848 475	7	9.997 984	15	0.002 016	9.850 491	8	133	
868	9.848 482	8	9.997 999	15	0.002 001	9.850 483	7	132	
869	9.848 490	7	9.998 014	15	0.001 986	9.850 476	8	131	
.870	9.848 497	8	9.998 029	15	0.001 971	9.850 468	7	**.130**	
871	9.848 505	8	9.998 044	16	0.001 956	9.850 461	8	129	
872	9.848 513	7	9.998 060	15	0.001 940	9.850 453	7	128	
873	9.848 520	8	9.998 075	15	0.001 925	9.850 446	8	127	
874	9.848 528	7	9.998 090	15	0.001 910	9.850 438	8	126	
875	9.848 535	8	9.998 105	15	0.001 895	9.850 430	7	125	
876	9.848 543	8	9.998 120	15	0.001 880	9.850 423	8	124	
877	9.848 551	7	9.998 135	16	0.001 865	9.850 415	7	123	
878	9.848 558	8	9.998 151	15	0.001 849	9.850 408	8	122	
879	9.848 566	8	9.998 166	15	0.001 834	9.850 400	7	121	
.880	9.848 574	7	9.998 181	15	0.001 819	9.850 393	8	**.120**	
881	9.848 581	8	9.998 196	15	0.001 804	9.850 385	7	119	
882	9.848 589	7	9.998 211	15	0.001 789	9.850 378	8	118	
883	9.848 596	8	9.998 226	15	0.001 774	9.850 370	8	117	
884	9.848 604	8	9.998 241	16	0.001 759	9.850 362	7	116	
885	9.848 612	7	9.998 257	15	0.001 743	9.850 355	8	115	
886	9.848 619	8	9.998 272	15	0.001 728	9.850 347	7	114	
887	9.848 627	7	9.998 287	15	0.001 713	9.850 340	8	113	
888	9.848 634	8	9.998 302	15	0.001 698	9.850 332	7	112	
889	9.848 642	8	9.998 317	15	0.001 683	9.850 325	8	111	
.890	9.848 650	7	9.998 332	16	0.001 668	9.850 317	7	**.110**	
891	9.848 657	8	9.998 348	15	0.001 652	9.850 310	8	109	
892	9.848 665	7	9.998 363	15	0.001 637	9.850 302	7	108	
893	9.848 672	8	9.998 378	15	0.001 622	9.850 295	8	107	
894	9.848 680	8	9.998 393	15	0.001 607	9.850 287	8	106	
895	9.848 688	7	9.998 408	15	0.001 592	9.850 279	7	105	
896	9.848 695	8	9.998 423	16	0.001 577	9.850 272	8	104	
897	9.848 703	7	9.998 439	15	0.001 561	9.850 264	7	103	
898	9.848 710	8	9.998 454	15	0.001 546	9.850 257	8	102	
899	9.848 718	8	9.998 469	15	0.001 531	9.850 249	7	101	
.900	9.848 726		9.998 484		0.001 516	9.850 242		**.100**	
	cos	d	cotg	d	tang	sin	d	**45°**	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	8	7
1	0.8	0.7
2	1.6	1.4
3	2.4	2.1
4	3.2	2.8
5	4.0	3.5
6	4.8	4.2
7	5.6	4.9
8	6.4	5.6
9	7.2	6.3

45°.150 — 45°.100

44°.900 — 44°.950

44°	sin	d	tang	d	cotg	cos	d		P.P.
.900	9.848 726		9.998 484		0.001 516	9.850 242		**.100**	
		7		15			8		
901	9.848 733		9.998 499		0.001 501	9.850 234		099	
		8		15			7		
902	9.848 741		9.998 514		0.001 486	9.850 227		098	
		8		16			8		
903	9.848 749		9.998 530		0.001 470	9.850 219		097	
		7		15			8		
904	9.848 756		9.998 545		0.001 455	9.850 211		096	
		8		15			7		
905	9.848 764		9.998 560		0.001 440	9.850 204		095	
		7		15			8		
906	9.848 771		9.998 575		0.001 425	9.850 196		094	
		8		15			7		
907	9.848 779		9.998 590		0.001 410	9.850 189		093	
		8		15			8		
908	9.848 787		9.998 605		0.001 395	9.850 181		092	
		7		15			7		
909	9.848 794		9.998 620		0.001 380	9.850 174		091	
		8		16			8		
.910	9.848 802		9.998 636		0.001 364	9.850 166		**.090**	
		7		15			7		
911	9.848 809		9.998 651		0.001 349	9.850 159		089	
		8		15			8		
912	9.848 817		9.998 666		0.001 334	9.850 151		088	
		8		15			8		
913	9.848 825		9.998 681		0.001 319	9.850 143		087	
		7		15			7		
914	9.848 832		9.998 696		0.001 304	9.850 136		086	
		8		15			8		
915	9.848 840		9.998 711		0.001 289	9.850 128		085	
		7		16			7		
916	9.848 847		9.998 727		0.001 273	9.850 121		084	
		8		15			8		
917	9.848 855		9.998 742		0.001 258	9.850 113		083	
		8		15			7		
918	9.848 863		9.998 757		0.001 243	9.850 106		082	
		7		15			8		
919	9.848 870		9.998 772		0.001 228	9.850 098		081	
		8		15			7		
.920	9.848 878		9.998 787		0.001 213	9.850 091		**.080**	
		7		15			8		
921	9.848 885		9.998 802		0.001 198	9.850 083		079	
		8		16			8		
922	9.848 893		9.998 818		0.001 182	9.850 075		078	
		8		15			7		
923	9.848 901		9.998 833		0.001 167	9.850 068		077	
		7		15			8		
924	9.848 908		9.998 848		0.001 152	9.850 060		076	
		8		15			7		
925	9.848 916		9.998 863		0.001 137	9.850 053		075	
		7		15			8		
926	9.848 923		9.998 878		0.001 122	9.850 045		074	
		8		15			7		
927	9.848 931		9.998 893		0.001 107	9.850 038		073	
		8		15			8		
928	9.848 939		9.998 908		0.001 092	9.850 030		072	
		7		16			7		
929	9.848 946		9.998 924		0.001 076	9.850 023		071	
		8		15			8		
.930	9.848 954		9.998 939		0.001 061	9.850 015		**.070**	
		7		15			8		
931	9.848 961		9.998 954		0.001 046	9.850 007		069	
		8		15			7		
932	9.848 969		9.998 969		0.001 031	9.850 000		068	
		8		15			8		
933	9.848 977		9.998 984		0.001 016	9.849 992		067	
		7		15			7		
934	9.848 984		9.998 999		0.001 001	9.849 985		066	
		8		16			8		
935	9.848 992		9.999 015		0.000 985	9.849 977		065	
		7		15			7		
936	9.848 999		9.999 030		0.000 970	9.849 970		064	
		8		15			8		
937	9.849 007		9.999 045		0.000 955	9.849 962		063	
		8		15			8		
938	9.849 015		9.999 060		0.000 940	9.849 954		062	
		7		15			7		
939	9.849 022		9.999 075		0.000 925	9.849 947		061	
		8		15			8		
.940	9.849 030		9.999 090		0.000 910	9.849 939		**.060**	
		7		16			7		
941	9.849 037		9.999 106		0.000 894	9.849 932		059	
		8		15			8		
942	9.849 045		9.999 121		0.000 879	9.849 924		058	
		8		15			7		
943	9.849 053		9.999 136		0.000 864	9.849 917		057	
		7		15			8		
944	9.849 060		9.999 151		0.000 849	9.849 909		056	
		8		15			8		
945	9.849 068		9.999 166		0.000 834	9.849 901		055	
		7		15			7		
946	9.849 075		9.999 181		0.000 819	9.849 894		054	
		8		16			8		
947	9.849 083		9.999 197		0.000 803	9.849 886		053	
		7		15			7		
948	9.849 090		9.999 212		0.000 788	9.849 879		052	
		8		15			8		
949	9.849 098		9.999 227		0.000 773	9.849 871		051	
		8		15			7		
.950	9.849 106		9.999 242		0.000 758	9.849 864		**.050**	
	cos	d	cotg	d	tang	sin	d	**45°**	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	8	7
1	0.8	0.7
2	1.6	1.4
3	2.4	2.1
4	3.2	2.8
5	4.0	3.5
6	4.8	4.2
7	5.6	4.9
8	6.4	5.6
9	7.2	6.3

45°.100 — 45°.050

44°.950 — 45°.000

44°	sin	d	tang	d	cotg	cos	d		P.P.
.950	9.849 106	7	9.999 242	15	0.000 758	9.849 864	8	**.050**	
951	9.849 113	8	9.999 257	15	0.000 743	9.849 856	7	049	
952	9.849 121	7	9.999 272	15	0.000 728	9.849 849	8	048	
953	9.849 128	8	9.999 287	16	0.000 713	9.849 841	8	047	
954	9.849 136	8	9.999 303	15	0.000 697	9.849 833	7	046	
955	9.849 144	7	9.999 318	15	0.000 682	9.849 826	8	045	
956	9.849 151	8	9.999 333	15	0.000 667	9.849 818	7	044	
957	9.849 159	7	9.999 348	15	0.000 652	9.849 811	8	043	
958	9.849 166	8	9.999 363	15	0.000 637	9.849 803	7	042	
959	9.849 174	8	9.999 378	16	0.000 622	9.849 796	8	041	
.960	9.849 182	7	9.999 394	15	0.000 606	9.849 788	8	**.040**	
961	9.849 189	8	9.999 409	15	0.000 591	9.849 780	7	039	
962	9.849 197	7	9.999 424	15	0.000 576	9.849 773	8	038	
963	9.849 204	8	9.999 439	15	0.000 561	9.849 765	7	037	
964	9.849 212	8	9.999 454	15	0.000 546	9.849 758	8	036	
965	9.849 220	7	9.999 469	16	0.000 531	9.849 750	7	035	
966	9.849 227	8	9.999 485	15	0.000 515	9.849 743	8	034	
967	9.849 235	7	9.999 500	15	0.000 500	9.849 735	8	033	
968	9.849 242	8	9.999 515	15	0.000 485	9.849 727	7	032	
969	9.849 250	7	9.999 530	15	0.000 470	9.849 720	8	031	
.970	9.849 257	8	9.999 545	15	0.000 455	9.849 712	7	**.030**	
971	9.849 265	8	9.999 560	16	0.000 440	9.849 705	8	029	
972	9.849 273	7	9.999 576	15	0.000 424	9.849 697	7	028	
973	9.849 280	8	9.999 591	15	0.000 409	9.849 690	8	027	
974	9.849 288	7	9.999 606	15	0.000 394	9.849 682	8	026	
975	9.849 295	8	9.999 621	15	0.000 379	9.849 674	7	025	
976	9.849 303	8	9.999 636	15	0.000 364	9.849 667	8	024	
977	9.849 311	7	9.999 651	15	0.000 349	9.849 659	7	023	
978	9.849 318	8	9.999 666	16	0.000 334	9.849 652	8	022	
979	9.849 326	7	9.999 682	15	0.000 318	9.849 644	7	021	
.980	9.849 333	8	9.999 697	15	0.000 303	9.849 637	8	**.020**	
981	9.849 341	8	9.999 712	15	0.000 288	9.849 629	8	019	
982	9.849 349	7	9.999 727	15	0.000 273	9.849 621	7	018	
983	9.849 356	8	9.999 742	15	0.000 258	9.849 614	8	017	
984	9.849 364	7	9.999 757	16	0.000 243	9.849 606	7	016	
985	9.849 371	8	9.999 773	15	0.000 227	9.849 599	8	015	
986	9.849 379	7	9.999 788	15	0.000 212	9.849 591	7	014	
987	9.849 386	8	9.999 803	15	0.000 197	9.849 584	8	013	
988	9.849 394	8	9.999 818	15	0.000 182	9.849 576	8	012	
989	9.849 402	7	9.999 833	15	0.000 167	9.849 568	7	011	
.990	9.849 409	8	9.999 848	16	0.000 152	9.849 561	8	**.010**	
991	9.849 417	7	9.999 864	15	0.000 136	9.849 553	7	009	
992	9.849 424	8	9.999 879	15	0.000 121	9.849 546	8	008	
993	9.849 432	8	9.999 894	15	0.000 106	9.849 538	8	007	
994	9.849 440	7	9.999 909	15	0.000 091	9.849 530	7	006	
995	9.849 447	8	9.999 924	15	0.000 076	9.849 523	8	005	
996	9.849 455	7	9.999 939	16	0.000 061	9.849 515	7	004	
997	9.849 462	8	9.999 955	15	0.000 045	9.849 508	8	003	
998	9.849 470	7	9.999 970	15	0.000 030	9.849 500	7	002	
999	9.849 477	8	9.999 985	15	0.000 015	9.849 493	8	001	
***.000**	9.849 485		0.000 000		0.000 000	9.849 485		**.000**	
	cos	d	cotg	d	tang	sin	d	**45°**	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	8	7
1	0.8	0.7
2	1.6	1.4
3	2.4	2.1
4	3.2	2.8
5	4.0	3.5
6	4.8	4.2
7	5.6	4.9
8	6.4	5.6
9	7.2	6.3

45°.050 — 45°.000