Tafeln
zu
Brurens System
der
Steuermannskunde.

1800.

Tab. A. Der höchsten Fluthzeit mit Neu- und Vollmond auch Breite und Pic. Länge der dem Seemanne merkwürdigsten Oerter.

Nordsee.	höchst. Fluth	Br. N.	Länge
Schagen	— —	57.38	26. 57
Ringkiöbing	— —	56.12	25. 0
Ripen	1.30	55.40	25. 36
Insel Föhr	1.30	54.40	25. 30
J. Heiligeland	1.30	54.12	25. 20
Hamburg	6.15	53.35	26. 26
Glückstadt	5. 0	— —	— —
Bremen	6. 0	53.30	25. 18
Emden	0.15	53.13	23. 52
An den Jütsch. Küsten, vor dem Hever, Eider, Elbe und Weser	12. 0		
Oster-Ems	10.30		
Wester-Ems	10. 0		
J. Ameland	9.15		
J. Vlie	9. 0		
J. Texel	7.30	53. 0	21. 20
Amsterdam	3. 0	52.23	21. 27
vor der Maas	2.15		
Brill, auf J. Goeren	1.30	51.55	20. 39
Vlissingen J.	1.30	51.23	20. 13
Ostende	0. 0	51.13	19. 38
Dünkirchen	0. 0	51. 5	19. 4
Zwischen die Hoofden und Maas	3.45		
Zwischen die Hoofden und Texel in die Hoofden	4.30		
Zwis. Calais u. Dover	3. 0		
der Fluthstrom fließet ostan			
der Fluthstrom gehet Nord.			
Harwich in England	11.15	52. 0	17. 57
Nord-Voorland	10.30	51.25	18. 11
S. dito	10.30	51.12	18. 7
Leestaf	9. 0	52.36	18. 29
Yarmouth	9.30	52.45	18. 26
Foulnes Feuer-Haus	9. 0	52.59	18. 6
Düdgeans Feuer	5.30	53.20	17. 52
Boston Haven	6. 0	53. 0	17. 12
New-Castle	5.15		
Scarborough	4.30	54.20	16. 27
Whitby	3.45	54.33	16. 11
Sunderland	3. 0	54.56	15. 29
Tinmouths Feuer	3. 0	55. 3	15. 29
Berwick	2.30	55.47	14. 47
Edinburg	4.30	55.58	13. 25
Aberdeen	0.45	57. 6	14. 37
J. Oreades d. südlichst.	11. 0	58.36	14. 0
= = die nördlichste	11. 0	59.22	14. 37
J. Hitland, d. Südspitze	3. 0	59.54	14. 47
= = die Nordspitze	4. 0	60.46	16. 3
J. Fairhill	4. 0	59.30	14. 35
J. Fülö	3. 0	60.12	14. 17
J. Fero	0. 0	62. 0	10. 7

Nordsee.	höchst. Fluth	Br. N.	Länge
Bergen in Norwegen	1.30	60.10	22. 47
Jedder	— —	58.25	22. 40
Der Neus	5.	57.59	23. 52
Ferder	— —	58.25	26. 40
Christiania	— —	59.42	26. 44
Sund und Ostsee.			
Nidingen Feuer in Schwed	— —	57.18	28. 32
Anholt, Feuer	— —	56.44	28. 17
Koll, Feuer	— —	56.18	29. 6
Elsingör	— —	56. 2	29. 14
Copenhagen	— —	55.41	29. 12
Falsterbo, Feuer	— —	55.25	29. 31
J. Bornholm, N. Spitze	— —	55.22	31. 17
Stockholm	— —	59.21	34. 46
J. Gothland, S. Spitze	— —	56.56	35. 11
Wiburg	— —	60.50	45. 49
Petersburg	— —	59.56	47. 2
Narva	— —	59.15	44. 58
Dagerorth	— —	58.56	39. 12
Kokkar, Feuer	— —	59.43	42. 20
Riga	— —	57. 0	41. 47
Damestnes-Feuer	— —	57.39	38. 58
Memel	— —	55.55	37. 52
Königsberg	— —	54.40	38. 36
Danzig	— —	54.22	35. 13
Stralsund	— —	54.24	29. 47
Lübeck	— —	54. 4	28. 17
Canal zwisch. Frankreich und England.			
a. Französische Küste.			
Calais	11.30	50.57	18. 33
Boulogne	10.30	50.43	18. 19
Dieppe	10.30	49.57	17. 46
Havre de Grace	9. 0	49.33	16. 54
Rouan	1.15	49.27	17. 52
Caen	9. 0	49.11	16. 17
C. Barfleur	7.30	49.40	15. 25
Cherbourg	7.10	49.38	15. 3
C. de la Hague	12. 0	49.45	14. 42
Coutance	6. 0	49. 2	15. 7
Granville	6. 0	48.50	15. 1
Avranches	6. 0	48.41	15. 13
St. Malo	6. 0	48.39	14. 34
sieben Inseln	0. 0	48.48	13. 12
Inseln de Bas	3.45	48.45	12. 32
Heysand	5.15	48.30	11. 38
Kiskassen	12. 0	49.48	14. 27
J. Guernsey	1.30	49.30	13. 50
J. Jersey	0.30	49. 7	14. 31
Brest	3.45	48.23	12. 41

b. Englische Küste.	Fluth	Br. N.	Länge
Dover . . .	10.30	51. 7	17. 59
Singels . .	11.15	51. 3	17. 27
Bevesier . .	9.55	50.48	16. 57
Portsmouth . .	11.15	50.48	15. 33
Cowes auf J. Wicht	10.45	50.48	15. 21
St. Helens Reede	9. 0	50.43	14. 55
Portland . .	7.15	50.31	14. 7
Torbay . . .	5.15	50.28	12. 59
Goutstart . .	6.10	50. 6	12. 52
Plymouth . .	6.15	50.25	12. 17
Eddyston . .	5.45	50. 9	12. 18
Falmouth . .	5.20	50.10	11. 25
Lezard . . .	4.30	49.57	11. 23
Monuts Bay .	5. 0	50. 5	10. 52
Landes End . .	4.30	50. 6	10. 37
J. Sorlinges . .	3.45	50. 5	9. 50
Nota In diesem Canal läuft der Fluthstrom 2 Stunden bis nach dem höchsten Wasser ostwärts Irland und nordwärts im Ocean.			
Kinsale . . .	— —	51.31	7. 50
Cork . . .	— —	51.42	8. 2
Waterford . .	5. 0	52. 3	8. 54
Werfford . .	— —	52.21	9. 45
Dublin . . .	10.30	53.20	9. 54
Belfast . . .	10.15	54.49	10. 17
Cap Clear . .	3.15	51.18	6. 51
Bantry Bay .	— —	51.26	6. 35
Simerial . .	3.30	52. 5	6. 9
Galloway . .	6.30	53.10	7. 7
N Cap . . .	— —	55.15	8. 7
Londonderry . .	7.30	55.12	9. 7
Bristol . . .	7. 4	51.29	13. 57
Milford . . .	6. 0	51.45	11. 37
Liverpool . .	11.15	53.22	13. 25
Lancaster . .	11.15	54. 5	13. 37
J. Man S. . .	10.30	54. 1	12. 0
J. Westmann in Island	— —	63.28	354. 11
Vogelsferen . .	— —	64. 0	350. 8
Schneeberg . .	— —	65.11	349. 10
Havnefjord . .	6. 0	64.30	349. 17
Holmen . . .	6. 0	— —	
Stappen . . .	3. 0	— —	
Stikkelsholm .	6.45	— —	
Grun Jns. N. End	— —	66.50	351. 47
Portland Ost. End. J.	— —	64.22	353. 22
J Jan Mayen Beerenb.	— —	71.33	9. 37
J. Spitzbergen S. Cap.	— —	76.24	31. 10
Klokbay . .	— —	77.12	29. 22
Vorland S. Spitze	— —	78. 0	27. 52
dito N. .	— —	79. 0	27. 39
J. Amsterdam, oder die schlimme Spitze	— —	79.50	28. 0
Moffen J. . .	— —	80.19	28. 50
Hoopen J. . .	— —	76.15	40. 12
Beeren J. . .	— —	74.28	34. 37
Admiralität J. .	— —	75. 0	72. 17
Nova Zembla N. .	— —	77.17	91. 58
Archangel . .	7.30	64.34	55. 35

	Fluth	Br. N.	Länge
Kola Riv. Eing. .	— —	69.30	52. 12
Wardehuus . .	3. 0		
Nord Kap . .	1.30	71.10	42. 52
Loffoet SW Pt. .	— —	68.35	27. 49
Drontheim . .	— —	63.26	27. 2
an der Küste v. Drontheim bis an Stadt.	11.15		
Land von Stadt N.	1.30	62.20	23. 10
Küste von America Norden der Linie			
Cap Farwell . .	— —	59.38	333. 58
J. Disco S . .	— —	69. 0	
Cap Elisabeth . .	— —	62.35	311. 38
J. Cumberland .	— —	68. 0	313. 8
Baffinsbay . .	— —	71.40	318. 8
C. Resolution Huds. B.	— —	61.30	310. 22
Neufoundland N. .	— —	51.57	320. 58
Esskimaux J. . .	— —	50.10	313. 37
St. Johns J. .	— —	47. 8	312. 32
Cap Breton S. .	— —	45.54	316. 58
Hallifax . .	— —	44.36	313. 14
Quebec . . .	— —	46.47	305. 30
Boston . . .	10. 0	42.25	306. 6
Neu-Jork . .	3. 0	40.43	302. 32
Philadelphia .	— —	39.57	301. 30
Charlestown, Feuer	7. 0	33.42	295. 57
Savannah, S. .	— —	31.57	295. 18
Cap Florida . .	— —	25.44	296. 5
Mississippi, Eing. .	— —	28.55	287. 22
Vera Cruz . .	— —	19.10	281. 32
St Martha, terra firm.	— —	11.20	302. 36
Honduras Bay. O. Pt.	— —	16.25	289. 37
Porto Bello . .	— —	9.32	296. 53
Carthagena . .	— —	10.27	301. 17
Essequebo . .	— —	6.55	318. 52
Surinamen . .	— —	6.10	321. 52
Cajenne . . .	— —	5.15	324. 38
Cap Nord . .	— —	1.58	326. 49
Inseln im Atlantischen Meere, und Westindien Norden der Linie.			
Flamsche J.			
Corvo . . .	— —	39.41	345. 37
Flores . . .	— —	39.34	345. 42
Tercera . . .	— —	38.39	349. 31
St. Michel . .	— —	37.49	350. 59
St Marie . .	— —	37. 0	350. 29
Canarische J.			
Porto Santo .	3. 0	32.58	0. 9
Madera O Pt. .	3. 0	32.50	359. 57
Teneriffa Pic. .	3. 0	28.13	0. 0
Ferro . . .	— —	27.48	358. 38
Verde J.			
St. Anthony NO Pt.	— —	17. 9	351. 49
Bonavista . .	— —	16. 5	353. 32
St. Jago . .	— —	14.54	313. 53

Westindische Inseln.	Fluth	Br. N.	Länge
Bermudes	——	32.35	313. 9
Barbados N. Pt.	——	13.22	316. 13
Tabago	——	11.21	316. 29
Martinique NW Pt.	——	14.51	315. 11
Granada N. Pt.	——	12.23	314. 50
St. Vincent N. Pt.	——	13.12	315. 21
Domingo N. Pt.	——	15.39	315. 12
Guadaloupe N. Pt.	——	16.40	314. 56
Antigua N. Pt.	——	17. 3	315. 55
St. Eustatio	——	17.29	313. 43
St Christopher N. Pt.	——	17.35	313. 58
St. Bartholomäi	——	17.54	313. 53
St. Croix Ost Pt.	——	17.51	312. 7
St. Jean	——	18. 4	311. 51
St. Thomas	——	18.22	311. 51
Portorico SO Pt.	——	18. 9	310. 53
Curacao N. Pt.	——	12.33	307. 52
Mole St Nic. } Hispa-	——	19.45	303. 13
Cap Francois } niola	——	19.40	306. 41
Jamaica } Ost Pt.	——	17.58	300. 59
Jamaica } West Pt.	——	18.17	298. 6
Cuba } Ost Pt.	——	20.18	302. 32
Cuba } Havana	——	23.12	299. 25
West-Küste von Frankreich, Portugal und Spanien.			
Brest	3.45	48.23	12. 11
Dannmarks Pt.	3. 0	47.50	12. 17
Belle Isle	3.30	47.21	13. 24
Angers	0. 0	47.28	16. 3
Rochelle	3.45	46.10	15. 26
Rochefort	4.30	——	——
Nantes	0. 0	47.13	15. 7
Isle de Nee St. Mart.	3. 0	——	——
Corduan, Süd Eing.	3.45	——	——
= = Nord Eing.	4.30	——	——
Bourdeaux	3. 0	44.50	16. 7
Bajonne	3.30	43.29	15. 12
Ribadeo	3. 0	——	——
C. Ortegal	3. 0	43.47	9. 3
C. Pinas	3. 0	43.51	10. 50
Corunna	3. 0	43.56	7. 27
Cap Finis terrä	3.15	42.52	7. 22
Bajonna	4.45	42. 3	7. 52
Port a port	3.15	41.10	8. 17
Barlinges J.	——	39.30	7. 17
Lissabon	2.45	38.42	7. 34
Cap. Roxent	1. 0	38.46	7. 7
Cap St. Vincent	——	37. 2	7. 52
Cadix J.	2.15	36. 1	10. 24
Cap trafalgar	——	36.10	10. 44
Gibraltar	2. 0	36. 6	11. 44
im Mittländischen Meere.			
Malaga	——	36.42	12. 37
C. de Gate	——	36.40	14. 57
Carthagena	——	37.30	15. 40
Cap St. Paul	——	38.15	16. 0

	Fluth	Br. N.	Länge
Alicanten	——	33.35	16. 15
Cap St. Martin	——	38.46	17. 7
Valencia	——	39.35	16. 48
Barcelona	——	41.26	18. 55
Marseille	——	43.18	22. 6
Toulon	——	43.17	22. 40
Genua	——	44.25	25. 17
Livorno	——	43.28	27. 7
Civitavechia	——	42. 5	28. 28
Momen	——	41.54	29. 11
Neapolis	——	40.51	30. 57
Cap Spartevento	——	37.55	33. 22
Gallipoli	——	40.23	35. 0
C. St. Maria	——	39.45	35. 37
Ancona	——	43.40	30. 7
Venetien	——	45.25	28. 41
Ragusa	——	42.10	35. 27
Lepanto	——	38.20	39. 17
Cap St. Angelo	——	36.32	40. 33
Athene	——	36.58	40. 42
J. Negroponte S. Pt.	——	38. 7	41. 40
Salonica	——	40.41	39. 50
Cap Monte Santo	——	40.26	41. 39
Constantinopel	——	41. 1	45. 34
Cap Baba	——	39.30	43. 7
Smirna	——	38.28	44. 2
Cap Blane	——	38. 9	43. 9
Scanderona, Alexandretta	——	36.34	53. 3
Aleppo	——	36.11	52. 55
Joppe	——	32.45	52. 37
Jerusalem	——	31.51	52. 2
Alexandrien	——	31.10	46. 56
Cap Rusata	——	32.41	38. 2
Cap Mesurata	——	32.21	32. 54
Tripolis	——	32.54	29. 47
Tunis	——	36.50	26. 54
Bona	——	37. 5	24. 56
Algier	——	36.50	18. 56
Oran	——	36. 2	17. 3
Cap tres Forcas	——	35.30	14. 33
Ceuta	——	35.54	11. 52
Tanger	——	35.52	10. 52
Inseln im Mittel. Meer.			
Alboran	——	36. 0	14. 0
Formentera	——	38.33	17. 52
Ivica	——	38.50	18. 16
Majorca	——	39.29	19. 12
Minorca	——	39.51	20. 37
Cap Tolare S. } Sardinien	——	38.50	25. 47
C. Reparado N. } Sardinien	——	41.10	26. 27
Bonifacio S } Corsica	——	41.24	26. 23
C. Corso N } Corsica	——	42.56	26. 27
Caprara	——	43. 3	26. 54
Elba	——	42.45	27. 17
Monte Christi	——	42.17	27. 37
Ischia	——	40.34	30. 12
Stromboli	——	38.58	32. 31

	Fluth	Br. N.	Länge
Trapano W. (Sicilien)	— —	37.57	29. 52
Palermo (Sicilien)	— —	38. 6	30. 27
Messina (Sicilien)	— —	38.38	31. 57
C. Passero O (Sicilien)	— —	36.38	32. 15
Malta	— —	35.53	31. 9
Corfu	— —	39.42	36. 23
Cephalonien	— —	38.15	36. 47
Zante	— —	37.46	37. 51
Lemnos	— —	39.59	42. 14
Patmos	— —	37.25	43. 42
C. St. Jean W. (Candia)	— —	35.10	40. 37
C. Salomon O. (Candia)	— —	35. 0	43. 45
Rhodis N.	— —	36.27	45. 5
Rhodis S.	— —	35.52	45. 5
Rhodis SW	— —	34.57	49. 0
Cypern O	— —	35.31	51. 37
Cypern und S. Pt.	— —	34.30	49. 47
Die West- und Süd-Küste von Africa.			
Cap Spartel	3. 0	35.42	10. 47
Larache	— —	35.11	10. 32
Salee	— —	34. 5	9. 59
C. Blanc	— —	33. 4	8. 17
C. Cantin	3. 0	32.37	7. 47
Magador	— —	31.27	7. 12
C. das Barbas	— —	22.15	359. 43
Senegal	10.30	15.53	0. 0
Eing. d. Riv. Gambia	— —	13.28	0. 22
Cap de Verde	— —	14.46	358. 10
Eing. Sierra Leona	— —	8.22	4. 29
d. Rio Volta	— —	5.48	18. 19
d. zu Benin	— —	6.38	21. 29
Prinzen J.	— —	1.30	26. 9
St. Thomas J.	— —	0.42	25. 7
		S.	
Die Stadt Congo	— —	6. 6	30. 7
C. Negro	— —	16. 2	27. 52
Bay Conception	— 3	24.42	29. 50
Cap der gut. Hoffnung	3. 0	34 29	35. 6
Bay False	3. 0	34.10	35. 37
Riv. St. Christopher	— —	32.47	44. 15
Mosambique	— —	15.18	57. 30
Babelmandel, Eing. zum rothen Meer	— —	12.45	60. 27
Asien und Ostindien.			
Surate	— —	21.10	89. 2
Bombay	— —	18. 5	89. 22
Goa	— —	15.31	90. 27
Calicut	— —	11.21	92. 10
Cochin	— —	10. 0	92. 29
C. Camorin	— —	7.55	94. 47
Negapatnam	— —	10.35	96. 40
Tranquebar	— —	10.54	96. 40
Pondichery	— —	11.46	96. 34
Madras	— —	13. 5	97. 10

	Fluth	Br. N.	Länge
Masulipatnam	— —	17.36	100. 5
Ganges Riv. Eingang	— —	20.50	104. 7
Bengalen	— —	22. 0	109. 12
Chandernagor	— —	22.53	105. 11
Calcutta	— —	22.34	105. 12
Straße von Malacca	— —	2.12	111. 42
Siam	— —	14.18	117. 30
Rivier Tonquin	— —	20.47	123. 37
Canton	— —	23. 7	129. 47
Nanking	— —	33.30	136. 37
Peking	— —	39.55	133. 7
W Eingang der Straße Banca	— —	2. 0	119. 22
S Eingang der Straße Sunda	— S	5.58	119. 42
Straße Manilla	— N	13.45	137. 7
Inseln in Ostindien.			
Madagascar W	— S	21.30	59. 42
Madagascar S	— —	25.34	60. 49
Madagascar N u. O	— —	12.15	65. 52
Bourbon J.	— —	20.52	72. 12
Mauritius J.	— —	20.10	74. 9
Sumatra N	— —	6. 0	111. 12
Sumatra S	— —	3. 2	121. 22
Banca N W	— —	1.50	122. 7
Banca S	— —	3.15	123. 47
Java N W	— S	6. 0	122. 26
Java Batavia	— —	6.12	123. 20
Java S O	— —	8.42	131. 14
Ceylon N	— N	9.47	97. 32
Ceylon Trinconomal.	— —	8.32	98. 17
Ceylon C. de Gallo	— —	6.27	98. 37
Manilla	— —	14.30	136. 57
Celebes N	— N	1.15	141. 37
Celebes S	— S	5. 0	138. 17
Borneo O	— N	1. 2	135. 7
Borneo W	— —	0. 0	125. 34
Borneo N	— N	7. 5	133. 57
Borneo S	— S	4.15	131. 7
Macao	— N	22.14	130. 27
Japan S	— N	32.20	146. 31
Japan N	— —	40.20	157. 2
Kamschadka St. Pet. und P.	— N	53.38	175. 20
Samganudha auf Analaschka	— —	53. 5	210. 7
Süd- und West-Küsten von America.			
		S.	
St. Johns J.	— —	1.20	331. 37
Fernands Lorenzo	— —	3.48	345. 47
Todos los Santos	3.45	13. 5	337. 37
Rio Janeiro	— —	22.54	333. 59
Buenos Aires, oder R. de Plata	— —	34.35	324. 42
Amazonen-Fluß	6. 0		
C. Patagonia	— —	47.20	312. 1

	Fluth	Br. S.	Länge
Falkland J. . .	— —	51.30	325. 10
Magellan-Straße	— —	52.21	308. 57
Staaten J. . .	— —	55. 0	304. 2
C. Horn . .	— —	55.58	309. 17
Feuerland . .	— —	55.49	309. 39
Magellan-Straße W	— —	53.15	298. 17
Juan Fernandez J.	— —	32. 3	302. 54
Lima . . .	— 3	12. 1	299. 57
Paita . . .	— 3	5. 0	296. 57
C. Blanc in Peru	— 3	3.48	287. 57
Quito . . .	— —	13. 0	298. 47
Panama . .	— N	8.48	296. 52
Port Guatamala .	— 3	14. 0	284. 2
Acapulco . .	— 3	17.10	262. 7
St. Thomas J. .	— 3	20.10	263. 37
Nootka Sund .	— —	49.36	250. 54

Australien und die vornehmsten Inseln im Süd- und stillen Meere.		Fluth	Br. S.	Länge
Neu Holland	NW .	— —	20.30	128. 42
	SW .	— —	34.55	128. 27
	S .	— —	37.15	167. 0
Neu Seeland	N .	— —	33. 0	190. 0
	S .	— —	47.10	185. 2
Sandwich Inseln .		N	20.21	220. 0
Freundschafts-Inseln		S	21. 0	205. 0
Gesellschafts-Inseln		S	17. 0	230. 0
Otaheiti . .		— —	17.30	228. 0
St. Helena . .		— —	16. 6	13. 10

Tabelle B.

Des Zeitunterschiedes zwischen Sonne und Mond im Jahr 1797.

Datum	Jan.	Febr.	März	April	May	Juny	July	Aug.	Sept.	Oct.	Nov.	Dec.
	U.M.	U.M.	U.M.	U.M.	U.M.	U.M.	U.M.	U.M.	U.M.	U.M.	U.M.	U.M.
1	2.26	3. 8	1.54	3.18	4.13	5.47	6. 4	7. 7	8.25	8.50	9.39	9.42
2	3. 9	3.51	2.39	4.12	5.10	6.35	6.49	7.55	9.12	9.32	10.22	10.30
3	3.50	4.36	3.26	5.10	6. 5	7.21	7.34	8.42	9.56	10.15	11. 7	11.22
4	4.31	5.23	4.15	6. 7	6.57	8. 6	8.20	9.31	10.40	10.56	11.53	0.17
5	5.14	6.14	5. 9	7. 4	7.47	8.52	9. 8	10.18	11.23	11.35	0.43	1.15
6	5.57	7. 8	6. 5	7.58	8.35	9.37	9.56	11. 6	0. 1	0.19	1.36	2.14
7	6.43	8. 7	7. 3	8.50	9.20	10.24	10.44	11.50	0.47	1. 5	2.32	3.11
8	7.32	9. 6	8. 0	9.41	10. 7	11.13	11.33	0.32	1.27	1.54	3.29	4. 6
9	8.27	10. 6	8.57	10.29	10.53	0. 0	0.19	1.11	2. 9	2.43	4.20	4.58
10	9.25	11. 5	9.54	11.17	11.40	0.49	1. 5	1.56	2.55	3.36	5.20	5.47
11	10.25	0. 0	10.47	0. 4	0.28	1.38	1.49	2.37	3.43	4.29	6.13	6.35
12	11.26	0.54	11.37	0.53	1.16	2.24	2.31	3.18	4.32	5.26	7. 4	7.21
13	0.27	1.43	0.28	1.40	2. 7	3.10	3.12	4. 2	5.27	6.23	7.53	8. 8
14	1.25	2.31	1.15	2.29	2.55	3.53	3.54	4.46	6.22	7.19	8.41	8.54
15	2.19	3.19	2. 3	3.19	3.43	4.35	4.33	5.34	7.19	8.10	9.29	9.42
16	3. 9	4. 5	2.51	4. 6	4.28	5.16	5.14	6.26	8.17	9. 4	10.17	10.32
17	3.56	4.52	3.38	4.55	5.13	5.57	5.59	7.21	9.14	9.54	11. 1	11.20
18	4.42	5.38	4.28	5.44	5.57	6.38	6.46	8.20	10. 9	10.43	11.54	0.10
19	5.26	6.26	5.15	6.29	6.39	7.22	7.37	9.19	11. 3	11.32	0.45	1. 0
20	6.10	7.13	6. 3	7.13	7.21	8. 8	8.31	10.19	11.53	0.22	1.36	1.49
21	6.56	8. 0	6.53	7.56	8. 2	8.57	9.30	11.17	0.44	1.12	2.26	2.34
22	7.42	8.49	7.39	8.40	8.46	9.51	10.29	0.13	1.33	2. 2	3.15	3.17
23	8.28	9.35	8.24	9.23	9.31	10.49	11.31	1. 5	2.23	2.53	4. 2	3.58
24	9.14	10.19	9. 9	10. 4	10.20	11.47	0.31	1.56	3.13	3.44	4.47	4.40
25	10. 2	11. 4	9.52	10.49	11.12	0.49	1.26	2.45	4. 3	4.35	5.31	5.18
26	10.49	11.47	10.35	11.38	0. 8	1.47	2.19	3.32	4.53	5.23	6.12	5.59
27	11.35	0.29	11.18	0.26	1. 6	2.46	3.10	4.22	5.44	6. 9	6.52	6.39
28	0.20	1.12	0. 2	1.20	2. 6	3.42	3.58	5.10	6.32	6.53	7.33	7.23
29	1. 3		0.48	2.16	3. 5	4.30	4.45	6. 0	7.20	7.36	8.13	8. 9
30	1.44		1.35	3.13	4. 3	5.17	5.32	6.48	8. 5	8.18	8.57	8.58
31	2.26		2.24		4.57		6.20	7.37		8.58		9.53

Tabelle B.

Des Zeitunterschiedes zwischen der Sonne und dem Monde 1798.

Datum	Jan.	Febr.	März	April	May	Juny	July	Aug.	Sept.	Oct.	Nov.	Dec.
	U.M.	U.M.	U.M.	U.M.	U.M.	U.M.	U.M.	U.M.	U.M.	U.M.	U.M.	U.M.
1	10. 47	0. 20	11. 2	0. 28	1. 2	2. 24	2. 36	3. 18	4. 11	4. 45	6. 22	6. 48
2	11. 47	1. 16	11. 57	1. 20	1. 54	3. 14	3. 19	3. 58	4. 57	5. 38	7. 13	7. 36
3	0. 47	2. 8	0. 50	2. 13	2. 49	4. 0	4. 0	4. 41	5. 47	6. 31	8. 4	8. 25
4	1. 45	3. 3	1. 41	3. 6	3. 39	4. 44	4. 40	5. 21	6. 40	7. 27	8. 54	9. 14
5	2. 40	3. 48	2. 31	3. 59	4. 31	5. 26	5. 19	6. 6	7. 33	8. 21	9. 44	10. 5
6	3. 33	4. 37	3. 23	4. 51	5. 18	6. 7	6. 0	6. 54	8. 32	9. 16	10. 35	10. 57
7	4. 22	5. 29	4. 14	5. 42	6. 4	6. 46	6. 41	7. 46	9. 26	10. 8	11. 28	11. 54
8	5. 9	6. 15	5. 5	6. 30	6. 48	7. 26	7. 23	8. 42	10. 23	10. 59	0. 22	0. 49
9	5. 56	7. 4	5. 56	7. 17	7. 29	8. 7	8. 11	9. 39	11. 17	11. 52	1. 17	1. 45
10	6. 44	7. 54	6. 47	8. 1	8. 10	8. 50	9. 3	10. 35	0. 12	0. 44	2. 13	2. 37
11	7. 31	8. 43	7. 37	8. 44	8. 49	9. 36	9. 56	11. 32	1. 4	1. 34	3. 9	3. 27
12	8. 19	9. 32	8. 24	9. 26	9. 30	10. 23	10. 52	0. 29	1. 55	2. 33	4. 2	4. 10
13	9. 9	10. 18	9. 10	10. 6	10. 11	11. 15	11. 50	1. 22	2. 49	3. 29	4. 53	4. 54
14	9. 58	11. 3	9. 53	10. 46	10. 56	0. 10	0. 47	2. 13	3. 40	4. 23	5. 39	5. 34
15	10. 47	11. 45	10. 35	11. 28	11. 43	1. 8	1. 43	3. 4	4. 34	5. 16	6. 21	6. 14
16	11. 35	0. 28	11. 16	0. 10	0. 33	2. 4	2. 36	3. 55	5. 27	6. 8	7. 5	6. 52
17	0. 21	1. 8	11. 56	0. 54	1. 25	3. 0	3. 28	4. 46	6. 19	6. 55	7. 46	7. 32
18	1. 6	1. 48	0. 37	1. 41	2. 18	3. 53	4. 16	5. 36	7. 13	7. 40	8. 25	8. 13
19	1. 47	2. 28	1. 18	2. 33	3. 16	4. 42	5. 5	6. 30	8. 0	8. 24	9. 4	8. 56
20	2. 29	3. 9	2. 1	3. 24	4. 10	5. 32	5. 53	7. 22	8. 48	9. 5	9. 44	9. 44
21	3. 8	3. 52	2. 46	4. 19	5. 4	6. 21	6. 43	8. 12	9. 33	9. 46	10. 27	10. 31
22	3. 44	4. 38	3. 33	5. 14	5. 55	7. 9	7. 33	9. 2	13. 15	10. 25	11. 12	11. 23
23	4. 29	5. 25	4. 24	6. 8	6. 46	7. 55	8. 25	9. 51	10. 56	11. 6	11. 57	0. 17
24	5. 10	6. 19	5. 17	7. 1	7. 34	8. 46	9. 17	10. 38	11. 37	11. 47	0. 49	1. 21
25	5. 53	7. 12	6. 11	7. 54	8. 23	9. 38	10. 8	11. 22	0. 16	0. 29	1. 40	2. 5
26	6. 41	8. 10	7. 9	8. 45	9. 12	10. 29	10. 58	0. 5	0. 57	1. 15	2. 34	2. 58
27	7. 31	9. 9	8. 3	9. 36	10. 1	11. 20	11. 46	0. 44	1. 38	2. 2	3. 25	3. 46
28	8. 27	10. 7	8. 58	10. 26	10. 53	0. 14	0. 32	1. 24	2. 22	2. 52	4. 19	4. 37
29	9. 23		9. 53	11. 16	11. 46	1. 3	1. 15	2. 5	3. 7	3. 44	5. 10	5. 25
30	10. 23		10. 45	0. 7	0. 39	1. 51	1. 57	2. 45	3. 55	4. 37	5. 59	6. 13
31	11. 22		11. 36		1. 31		2. 39	3. 27		5. 29		7. 1

Tabelle C.

Sonnen = Declinations = Tabelle 1798, Copenhagener Meridian.

Datum	Süd	Süd	Süd	Nord	Nord	Nord
	Januar	Februar	März	April	May	Juny
	Gr. M. Sec.	Gr. M. Sec.	Gr. M. Sec.	Gr. M. Sec.	Gr. M. Sec.	Gr. M. Sec.
1	22. 58. 25	16. 56. 31	7. 22. 35	4. 44. 19	15. 13. 23	22. 7. 42
2	52. 57	39. 6	6. 59. 43	5. 7. 21	31. 18	15. 31
3	47. 2	21. 25	36. 44	30. 17	48. 56	22. 56
4	40. 41	3. 27	15. 20	52. 8	16. 6. 19	29. 58
5	33. 51	15. 45. 12	5. 50. 30	6. 13. 53	23. 25	36. 37
6	26. 36	26. 42	26. 56	38. 32	40. 26	42. 50
7	18. 53	7. 55	3. 57	7. 1. 4	56. 50	48. 42
8	10. 44	14. 48. 53	4. 40. 34	23. 28	17. 13. 8	54. 8
9	2. 10	29. 36	17. 8	45. 46	29. 9	59. 10
10	21. 53. 8	10. 6	3. 53. 38	8. 7. 55	44. 52	23. 3. 49
11	43. 44	13. 50. 19	30. 5	29. 58	18. 0. 18	8. 4
12	33. 50	30. 19	6. 30	51. 51	15. 25	11. 57
13	23. 34	10. 6	2. 42. 52	9. 13. 36	30. 14	15. 19
14	12. 52	12. 49. 40	19. 13	35. 11	44. 45	18. 19
15	1. 45	29. 2	1. 55. 32	56. 39	58. 57	20. 54
16	20. 50. 15	8. 12	31. 50	10. 17. 54	19. 12. 48	23. 6
17	38. 22	11. 47. 12	8. 8	39. 0	26. 20	24. 53
18	26. 41	25. 59	0. 44. 26	59. 56	39. 34	26. 13
19	13. 24	4. 36	20. 44	11. 20. 39	52. 57	27. 11
			NORD			
20	0. 21	10. 43. 3	2. 58	41. 13	20. 5. 0	27. 50
21	19. 46. 56	21. 20	26. 39	12. 1. 34	17. 12	27. 50
22	33. 8	9. 59. 28	50. 18	21. 45	29. 3	27. 33
23	18. 59	37. 28	1. 13. 55	41. 42	41. 33	26. 50
24	4. 30	15. 17	37. 31	13. 1. 27	51. 42	25. 43
25	18. 49. 39	8. 52. 59	2. 1. 4	20. 58	21. 2. 30	24. 12
26	34. 28	30. 34	24. 33	40. 16	13. 56	22. 16
27	18. 56	8. 1	48. 0	59. 22	22. 58	19. 53
28	3. 5	7. 45. 21	3. 11. 25	14. 18. 13	32. 40	17. 8
29	17. 46. 55		33. 46	36. 52	41. 59	14. 58
30	30. 25		58. 0	55. 16	50. 57	10. 24
31	13. 38		4. 21. 12		59. 31	

Tabelle C.

Declinations-Tabelle im Jahr 1798. Copenhagener Meridian.

Datum	Nord	Nord	Nord	Süd	Süd	Süd
	July	August	September	October	November	December
	Gr. M. Sec.	Gr. M. Sec.	Gr. M. Sec.	Gr. M. Sec.	Gr. M. Sec.	Gr. M. Sec.
1	23. 6. 25	17. 56. 20	8. 8. 13	3. 22. 12	14. 36. 36	21. 54. 42
2	2. 2	40. 58	7. 46. 17	45. 30	55. 39	22. 3. 37
3	22. 57. 14	25. 10	24. 13	4. 8. 47	15. 14. 25	12. 5
4	52. 53	9. 20	2. 3	32. 0	32 58	20. 8
5	46. 27	16. 53. 6	6. 40. 24	55. 10	51. 16	27. 46
6	40. 28	36. 34	17. 20	5. 18. 16	16. 9. 18	34. 56
7	34. 6	19. 47	5. 54. 51	41. 18	27. 4	41. 41
8	27. 21	2. 44	32. 12	6. 4. 15	44. 32	47. 59
9	20. 11	15. 45. 26	9. 30	27. 10	17. 1. 44	53. 49
10	12. 38	27. 52	4. 46. 43	49. 58	18. 37	59. 11
11	4. 42	10. 4	23. 50	7. 12. 39	35. 14	23. 4. 6
12	21. 56. 24	14. 52. 0	0. 53	35. 16	51. 32	8. 34
13	47. 44	33. 40	3. 37. 52	57. 46	18. 7. 30	12. 34
14	38. 40	15. 12	14. 46	8. 20. 8	23. 9	16. 7
15	29. 14	13. 56. 27	2. 51. 37	42. 26	38. 30	19. 11
16	19. 27	37. 28	28. 24	9 4. 34	53. 30	21. 47
17	9. 17	18. 17	5. 9	26. 36	19. 8. 10	23. 57
18	20. 58. 47	12. 58. 53	1. 41. 52	48. 26	22. 29	25. 37
19	47 55	39. 18	8. 33	10. 9. 11	36. 28	26. 49
20	36. 42	19. 30	0. 55. 12	31. 46	50. 5	27. 33
21	25. 9	11. 59. 31	32. 49	53. 11	20. 3. 20	27. 48
22	13. 15	39. 20	8. 25	11. 14. 26	16. 13	27. 36
			Süd			
23	0. 59	18. 57	14. 59	35. 32	28. 43	26. 55
24	19. 48. 26	10. 58. 26	38. 24	56. 27	40. 50	25. 45
25	35. 42	37. 42	1. 1. 49	12. 17. 9	52. 37	24. 8
26	22. 17	16. 48	25. 16	37. 42	21. 3. 58	22. 2
27	8. 45	9. 55. 45	48. 42	58. 2	14. 56	19. 28
28	18. 54. 43	34. 33	2. 12. 7	13. 18. 12	25. 29	16. 26
29	40. 42	13. 11	35. 30	38. 8	35. 38	12. 57
30	26. 13	8. 51. 41	58. 52	57. 51	45. 23	8. 58
31	11. 36	30. 2		14. 17. 21		4. 31

Tabelle C.

Sonnen = Declinations = Tabelle im Jahr 1799. Copenh. Meridian.

Datum	Süd	Süd	Süd	Nord	Nord	Nord
	Januar	Februar	März	April	May	Juny
	Gr. M. Sec.	Gr. M. Sec.	Gr. M. Sec.	Gr. M. Sec.	Gr. M. Sec.	Gr. M. Sec.
1	22. 59. 50	17. 0. 47	7. 28. 10	4. 38. 27	15. 9. 10	22. 5. 57
2	54. 29	16. 43. 28	5. 19	5. 1. 50	21. 8	13. 51
3	48. 40	25. 52	6. 42. 21	24. 48	44. 51	21. 22
4	42. 25	7. 58	19. 18	47. 41	16. 2. 17	28. 29
5	35. 42	15. 49. 46	5. 56. 10	6. 10. 26	19. 29	35. 12
6	28. 33	31. 20	32. 57	33. 6	36. 25	41. 33
7	20. 57	12. 38	9. 39	55. 40	53. 1	47. 29
8	12. 54	14. 53. 39	4. 46. 17	7. 18. 6	17. 9. 22	53. 2
9	4. 26	34. 25	22. 51	40. 27	25. 28	58. 12
10	21. 55. 31	14. 57	3. 59. 23	8. 2. 38	41. 15	23. 2. 54
11	46. 11	13. 55. 15	35. 52	24. 41	56. 43	7. 14
12	36. 26	35. 18	12 18	46. 37	18. 11. 56	11. 9
13	26. 15	15. 9	2. 48. 41	9. 8. 23	26. 48	14. 41
14	15. 41	12. 54. 48	25. 1	30. 2	41. 23	17. 48
15	4. 40	34. 12	1. 20	51. 31	55. 41	20. 29
16	20. 53. 15	13. 25	1. 37. 39	10. 12. 49	19. 9. 38	22. 47
17	41. 27	11. 52. 26	13. 57	33. 57	23. 15	24. 40
18	29. 16	31. 17	0. 50. 14	54. 56	36. 34	26. 8
19	16. 41	9. 56	26. 31	11. 15. 44	49. 32	27. 9
20	3. 44	10. 48. 24	2. 49	36. 20	20. 2. 10	27. 48
			NORD			
21	19. 50. 23	26. 24	0. 20. 52	56. 45	14. 28	28. 0
22	36. 41	4 53	44. 31	12. 16. 58	26. 24	27. 49
23	22. 37	9. 42. 53	1. 8. 10	37. 0	38. 1	27. 13
24	8. 10	20. 45	31. 47	56. 48	49. 14	26. 11
25	18. 53. 25	8. 58. 29	55. 21	13. 16. 23	21. 0. 7	24. 45
26	38. 20	36. 6	2. 18. 53	35. 44	10. 38	22. 55
27	22. 52	13. 34	42. 21	54. 56	20. 47	20. 40
28	7. 5	7. 50. 55	3. 5. 47	14. 13. 50	30. 34	18. 0
29	17. 50. 59		29. 9	32. 32	39. 59	14. 57
30	34. 33		52. 26	50. 59	50. 2	11. 28
31	17. 50		4. 15. 39		57. 42	

Tabelle C

Declinations-Tabelle im Jahr 1799. Copenh. Meridian.

Datum	Nord	Nord	Nord	Süd	Süd	Süd
	July	August	September	October	November	December
	Gr. M. Sec.	Gr. M. Sec.	Gr. M. Sec.	Gr. M. Sec.	Gr. M. Sec.	Gr. M. Sec.
1	23. 7. 37	18. 0. 3	8. 13. 31	3. 16. 36	14. 32. 3	21. 52. 37
2	3. 15	17. 44. 45	7. 51. 38	39. 54	51. 7	22. 1. 38
3	22. 58. 35	29. 9	29. 36	4. 3. 11	15. 9. 58	10. 13
4	53. 20	13. 17	7. 28	26. 24	28. 36	18. 23
5	47. 58	16. 57. 7	6. 45. 12	49. 35	46. 56	26. 6
6	42. 4	40. 40	22. 48	5. 12. 41	16. 5. 2	33. 34
7	35. 47	23. 55	0. 19	35. 44	22. 50	40. 25
8	29. 7	6. 56	5. 37. 44	58. 43	40. 24	46. 37
9	22. 3	15. 49. 41	15. 2	6. 21. 38	57. 40	52. 34
10	14. 33	32. 11	4. 52. 17	44. 28	17. 14. 38	58. 4
11	6. 46	14. 27	29. 27	7. 7. 11	30. 17	23. 3. 6
12	21. 58. 33	14. 56. 28	6. 28	29. 49	47. 42	7. 41
13	49. 58	38. 13	3. 43. 28	52. 21	18. 3. 46	11. 48
14	40. 59	20. 46	20. 22	8. 14. 47	19. 31	15. 26
15	31. 40	1. 4	2. 57. 14	37. 5	34. 55	18. 38
16	21. 57	13. 42. 7	34. 3	59. 16	50. 1	21. 21
17	11. 52	22. 59	10. 48	9. 21. 20	19. 4. 46	23. 37
18	1. 27	3. 38	1. 47. 40	43. 15	19. 12	25. 24
19	20. 50. 40	12. 44. 5	24. 10	10. 5. 1	33. 16	26. 44
20	39. 32	24. 19	0. 49	26. 39	46. 57	27. 34
21	28. 3	4. 22	0. 37. 27	48. 7	20. 0. 18	27. 57
22	16. 13	11. 44. 13	14. 3	11. 9. 24	13. 17	27. 51
			Süd			
23	4. 3	23. 54	0. 9. 22	30. 32	25. 53	27. 17
24	19. 51. 34	3. 23	32. 48	51. 30	38. 7	26. 14
25	38. 43	10. 42. 43	56. 14	12. 12. 16	49. 57	24. 43
26	25. 34	21. 52	1. 19. 39	32. 51	21. 1. 24	22. 45
27	12. 6	0. 51	43. 4	53. 14	12. 27	20. 17
28	18. 58. 20	9. 39. 41	2. 6. 28	13. 13. 25	23. 8	17. 21
29	44. 13	18. 23	29. 51	33. 25	33. 24	13. 59
30	29. 48	8. 56. 53	53. 15	53. 11	43. 16	10. 7
31	15. 4	8. 35. 12		14. 12. 44		5. 29

Tabelle C.

Sonnen = Declinations = Tabelle im Jahr 1800 mit Berichtigung für jedes vierte folgende Jahr. Copenh. Meridian.

Datum	Süd Januar Gr. M. Sec.	4 Jahr	Süd Februar Gr. M. Sec.	4 Jahr	Süd März Gr. M. Sec.	4 Jahr	Nord April Gr. M. Sec.	4 Jahr
	Min.	÷		÷		÷		+
1	23. 1. 1.	10	17. 4. 57.	32	7. 33. 45.	43	4. 33. 6.	43
2	22. 55. 45.	10	16. 47. 42.	32	10. 54.	43	56. 11.	43
3	50. 4.	11	30. 9.	33	6. 47. 58.	43	5. 19. 10.	43
4	43. 53.	12	12. 18.	33	24. 56.	43	42. 5.	42
5	37. 14.	13	15. 54. 10.	34	1. 48.	43	6. 4. 54.	42
6	30. 15.	14	35. 44.	34	5. 38. 34.	43	27. 37.	42
7	22. 45.	14	17. 7.	35	15. 16.	43	50. 13.	42
8	14. 49.	15	14. 58. 11.	35	4. 51. 54.	43	7. 12. 42.	42
9	6. 26.	16	39. 0.	36	28. 29.	43	35. 0.	41
10	21. 57. 38.	17	19. 14.	36	5. 2.	43	57. 17.	41
11	48. 24.	17	13. 59. 55.	37	3. 41. 30.	44	8. 19. 23.	41
12	38. 44.	18	40. 3.	37	17. 55.	44	41. 20.	41
13	28. 38.	19	19. 57.	37	2. 54. 17.	44	9. 3. 9.	40
14	18. 8.	20	12. 59. 37.	38	30. 39.	44	24. 50.	40
15	7. 16.	21	39. 5.	38	7. 0.	44	46. 20.	40
16	20. 55. 59.	21	18. 23.	39	1. 43. 20.	44	10. 7. 40.	39
17	44. 19.	22	11. 57. 28.	39	19. 38.	44	28. 52.	39
18	32. 11.	23	36. 22.	40	0. 55. 56.	44	49. 51.	39
19	19. 43.	24	15. 5.	40	32. 15.	44	11. 10. 40.	39
20	6. 50.	24	10. 53. 38.	40	8. 34	44	31. 19.	38
					Nord	+		
21	19. 53. 45.	25	31. 59.	40	15. 6.	44	51. 47.	38
22	39. 59.	26	10. 13.	41	38. 46.	44	12. 12. 0.	37
23	26. 1.	26	9. 48. 17.	41	1. 2. 24.	44	32. 3.	37
24	11. 41.	27	26. 10.	41	25. 59.	43	51. 53.	37
25	18. 57. 1.	28	3. 57.	41	49. 33.	43	13. 11. 32.	36
26	41. 59.	28	8. 41. 36.	42	2. 13. 5.	43	30. 57.	35
27	26. 37.	29	19. 6.	42	36. 34.	43	50. 9.	35
28	10. 57.	29	7. 56. 30.	42	3. 0. 0.	43	14. 9. 8.	34
29	17. 54. 55.	30			23. 21.	43	27. 54.	34
30	38. 33.	30			46. 41.	43	46. 22.	33
31	21. 53.	31			4. 9. 55.			

Tabelle C.

Sonnen = Declinations = Tabelle im Jahr 1800 mit Berichtigung für jedes vierte folgende Jahr. Copenh. Meridian.

Datum	Nord May Gr. M. Sec.	Sec. +	Nord Juny Gr. M. Sec.	Sec. +	Nord July Gr. M. Sec.	Sec. ÷	Nord August Gr. M. Sec.	Sec. ÷
1	15. 4. 42.	33	22. 3. 54.	14	23. 8. 28.	8	18. 3. 43.	29
2	22. 44.	33	11. 53.	13	4. 26.	9	17. 48. 27.	29
3	40. 30.	32	19. 30.	12	22. 59. 42.	10	32. 54.	30
4	58. 1.	32	26. 43.	12	54. 42.	10	17. 6.	30
5	16. 15. 16.	31	33. 33.	11	49. 17.	11	0. 59.	31
6	32. 16.	31	39. 59.	10	43. 30.	12	16. 44. 35.	31
7	48. 58.	30	46. 1.	10	37. 21.	12	27. 57.	31
8	17. 5. 24.	30	51. 40.	9	30. 44.	13	11. 1.	32
9	21. 34.	29	56. 54.	8	23. 45.	14	15. 53. 49.	32
10	37. 25.	29	23. 1. 44.	7	16. 24.	14	36. 34.	32
11	52. 59.	28	6. 10.	6	8. 39.	15	18. 42.	33
12	18. 8. 15.	27	10 11.	6	0. 32.	15	0. 47.	34
13	23. 13.	26	13. 49.	5	21. 52. 2.	16	14. 42. 38.	35
14	37. 52.	26	17. 2.	4	43. 10.	17	24. 14.	35
15	52. 13.	25	19. 50.	3	33. 56.	18	5. 36.	35
16	19. 6. 14.	25	22. 13.	3	24. 19.	18	13. 46. 46.	36
17	19. 55.	24	24. 10.	2	14. 21.	19	27. 41.	36
18	33. 17.	24	25. 43.	1	4. 2.	20	8. 23.	36
19	46. 19.	23	26. 53.	1	20. 53. 20.	21	12. 48. 54.	37
20	59. 2.	23	27. 36.	0	42. 16.	22	29. 12.	37
21	20. 11. 24.	22	27. 55.	0 ÷	30. 54.	22	9. 19.	37
22	23. 25.	21	27. 50.	1	19. 9.	23	11. 49. 16.	38
23	35. 6.	21	27. 20.	1	7. 5.	24	28. 56.	38
24	46. 24.	20	26. 24.	2	19. 54. 39.	25	8. 28.	39
25	57. 21.	19	25. 9.	3	41. 54.	25	10. 47. 50.	39
26	21. 7. 59.	19	23. 19.	4	28. 50.	26	27. 0.	39
27	18. 14.	18	21. 10.	4	15. 27.	26	6. 1.	40
28	28. 6.	18	18. 37.	5	1. 44.	27	9. 44. 53.	40
29	37. 36.	17	15. 39.	6	18. 47. 40.	27	23. 35.	40
30	46. 45.	16	12. 15.	7	33. 19.	28	2. 7.	40
31	55. 31.	15			18. 40.	28	8. 40. 30.	41

Tabelle C.

Sonnen = Declinations = Tabelle im Jahr 1800 mit Berichtigung für jedes vierte folgende Jahr. Copenh. Meridian.

Datum	Nord September Gr. M. Sec.	Dec. ÷	Süd October Gr. M. Sec.	Dec. +	Süd November Gr. M. Sec.	Dec. +	Süd December Gr. M. Sec.	Dec. +
1	8. 18. 47.	41	3. 10. 58.	43	14. 27. 23.	35	21. 50. 22.	16
2	7. 56. 54.	41	34. 18.	43	46. 34.	35	59. 29.	15
3	34. 52.	41	57. 35.	43	15. 5. 28.	34	22. 8. 11.	14
4	12. 44.	42	4. 20. 50.	43	24. 8.	34	16. 27.	14
5	6. 50. 30.	42	44. 2.	43	42. 31.	33	24. 12.	13
6	28. 9.	42	5. 7. 9.	43	16. 0. 41.	33	31. 39.	12
7	5. 41.	42	30. 74.	43	18. 39.	33	38. 34.	11
8	5. 43. 7.	42	53. 13.	42	36. 10.	32	45. 5.	10
9	20. 29.	43	6. 16. 8.	42	53. 24.	32	51. 7.	9
10	4. 57. 44.	43	38. 57.	42	17. 10. 32.	32	56. 43.	9
11	34. 55.	43	7. 1. 42.	42	27. 16.	31	23. 1. 58.	8
12	12. 0.	43	24. 20.	42	43. 44.	31	6. 34.	7
13	3. 49. 2.	43	46. 53.	41	59. 48.	30	10. 47.	6
14	26. 0.	43	8. 9. 18.	41	18. 15. 43.	29	14. 34.	5
15	2. 54.	43	31. 37.	41	31. 9.	29	17. 52.	4
16	2. 39. 43.	43	53. 48.	41	46. 17.	28	20. 43.	3
17	16. 30.	43	9. 15. 53.	41	19. 1. 8.	27	23. 4.	3
18	1. 53. 14.	43	37. 49.	40	15. 39.	26	24. 57.	2
19	29. 52.	43	59. 38.	40	29. 47.	26	26. 22.	1
20	6. 36.	43	10. 21. 17.	40	43. 34.	25	27. 20.	0
21	0. 43. 14.	43	42. 48.	39	56. 59.	24	27. 49.	0 ÷
22	19. 50.	43	11. 4. 8.	39	20. 10. 4.	23	27. 51.	0
	Süd	+						
23	0. 3. 35.	43	25. 18.	39	22. 48.	23	27. 23.	1
24	26. 59.	43	46. 19.	38	35. 6.	22	26. 27.	2
25	50. 26.	43	12. 7. 11.	38	47. 3.	21	25. 3.	3
26	1. 13. 54.	43	27. 47.	38	58. 37.	20	23. 11.	4
27	37. 21.	43	48. 15.	37	21. 9. 47.	19	20. 50.	5
28	2. 0. 47.	43	13. 8. 29.	37	20. 32.	18	18. 1.	6
29	24. 11.	43	28. 33.	36	30. 54.	17	14. 45.	7
30	47. 36.	43	48. 24.	36	40. 50.	17	11. 0.	8
31			14. 8. 2.	36			6. 47.	9

Tabelle C.

Sonnen = Declinations = Tabelle im Jahr 1801 mit Berichtigung für jedes vierte folgende Jahr. Copenh. Meridian.

Datum	Süd Januar Gr. M. Sec	Corr. ÷	Süd Februar Gr. M. Sec.	Corr. ÷	Süd März Gr. M. Sec.	Corr. ÷	Nord April Gr. M. Sec.	Corr. +
1	23. 2. 7.	10	17. 8. 54.	32	7. 39. 3.	42	4. 27. 37.	43
2	22. 56. 59.	11	16. 51. 42.	33	16. 16.	42	50. 44.	42
3	51. 23.	11	34. 15.	33	6. 53. 20.	42	5. 13. 45.	42
4	45. 19.	12	16. 27.	34	30. 20.	43	36. 40.	42
5	38. 50.	13	15. 58. 42.	34	7. 13.	43	59. 30.	42
6	31. 53.	14	40. 4.	35	5. 44. 1.	43	6. 22. 14.	42
7	24. 29.	15	21. 31.	35	20. 46.	43	44. 50.	42
8	16. 39.	16	2. 39.	36	4. 57. 27.	43	7. 7. 19.	41
9	8. 24.	16	14. 43. 37.	36	34. 11.	43	29. 42.	41
10	21 59. 41.	17	24. 12.	37	10. 36.	43	51. 58.	41
11	50. 34.	18	4. 38.	37	3. 47. 6.	44	8. 14. 4.	41
12	41. 2.	18	13. 44. 49.	37	23. 35.	44	36. 1.	41
13	31. 3.	19	24. 47.	38	3. 0. 0.	44	57. 51.	40
14	20. 40.	20	4. 32.	38	2. 36. 23.	44	9. 19. 33.	40
15	9. 52.	21	12. 44. 5.	38	12. 45.	44	41. 6.	40
16	20. 58. 39.	22	23. 24.	39	1. 49. 4.	44	10. 2. 28.	39
17	47. 4	22	2. 32.	39	25. 23.	44	23. 40.	39
18	35. 5.	23	11. 41. 28.	39	1. 41.	44	44. 42.	39
19	22. 41.	24	20. 11.	40	0. 37. 59.	44	11. 5. 34.	38
20	9. 56.	25	10. 58. 47.	40	14. 18.	44	26. 17.	38
					NORD	+		
21	19. 56. 54.	25	37. 11.	40	0. 9. 23.	44	46. 47.	38
22	43. 15.	26	15. 26.	40	33. 2.	44	12. 7. 5.	37
23	29. 21.	27	9. 53. 30.	41	56. 41.	44	27. 12.	37
24	15. 4.	27	31. 26..	41	1. 20. 19.	44	47. 7.	37
25	0. 30.	28	9. 13.	41	43. 55.	44	13. 6. 49.	36
26	18. 45. 23.	29	8. 46. 52.	42	2. 7. 27.	43	26. 19.	36
27	30. 14.	29	24. 25.	42	30. 58.	43	45. 35.	35
28	14. 37	30	1. 48.	42	54. 27.	43	14. 4. 36.	35
29	17. 58. 39.	31			3. 17. 51.	43	23. 25.	34
30	42. 23.	31			41. 11.	43	42. 1.	34
31	26. 47.	32			4. 4. 26.	43		33

Tabelle C.

Sonnen = Declinations = Tabelle im Jahr 1801 mit Berichtigung für jedes vierte folgende Jahr. Copenh. Meridian.

Datum	Nord May Gr. M. Sec.	Sec. +	Nord Juny Gr. M. Sec.	Sec. +	Nord July Gr. M. Sec.	Sec. ÷	Nord August Gr. M. Sec.	Sec. ÷
1	15. 0. 20.	33	22. 1. 52.	15	23. 9. 21.	7	18. 7. 18.	28
2	17. 26.	33	9. 58.	14	5. 16.	8	17. 52. 8.	29
3	36. 16.	32	17. 38.	13	0. 46.	9	36. 40.	29
4	53. 51.	31	24. 57.	12	22. 55. 52.	10	20. 55.	30
5	16. 11. 6.	31	31. 52.	12	50. 34.	11	4. 55.	30
6	28. 10.	30	38. 25.	11	44. 52.	11	16. 48. 36.	31
7	44. 57.	30	44. 33.	10	38. 46.	12	32. 1.	31
8	17. 1. 27.	29	50. 16.	9	32. 18.	13	15. 10.	32
9	17. 38.	29	55. 36.	9	25. 27.	14	15. 58. 4.	32
10	33. 34.	29	23. 0. 31.	8	18. 12.	15	40. 43.	33
11	49. 11.	28	5. 2.	8	10. 34.	15	23. 5.	33
12	18. 4. 31.	28	9. 9.	7	2. 32.	16	5. 41.	34
13	19. 32.	27	12. 52.	6	21. 54. 6.	16	14. 47. 8.	34
14	34. 15.	26	16. 12.	5	45. 20.	17	28. 58.	34
15	48. 39.	25	19. 5.	4	36. 11.	18	10. 13.	35
16	19. 2. 46.	25	21. 35.	3	26. 39.	19	13. 51. 23.	35
17	16. 32.	24	23. 39.	2	16. 39.	19	32. 22.	36
18	30. 0.	24	25. 19.	1	6. 30.	20	13. 6.	36
19	43. 7.	23	26. 33.	1	20. 55. 55.	20	12. 53. 39.	36
20	55. 56.	23	27. 44.	0	44. 57.	21	33. 59.	37
21	20. 8. 22.	22	27. 49.	÷	33. 37.	22	14. 6.	37
22	20. 29.	22	27. 50.	0	21. 58.	23	11. 54. 4.	38
23	32. 16.	21	27. 25.	1	9. 59.	23	33. 50.	38
24	43. 39.	20	26. 36.	1	19. 57. 38.	24	13. 24.	39
25	54. 43.	19	25. 23.	2	44. 58.	24	10. 52. 48.	39
26	21. 5. 25.	19	23. 45.	3	31. 57.	25	31. 59.	39
27	15. 44.	18	21. 41.	3	18. 38.	25	11. 3.	40
28	25. 43.	18	19. 12.	4	4. 59.	26	9. 49. 56.	40
29	35. 19.	17	16. 20.	4	18. 51. 0.	26	28. 41.	40
30	44. 33.	17	13. 2.	5	36. 45.	27	7. 17.	40
31	53. 24.	16		6	22. 10.	28	8. 45. 44.	41

Tabelle C.

Sonnen = Declinations = Tabelle im Jahre 1801 mit Berichtigung für jedes vierte folgende Jahr. Copenh. Meridian.

Datum	Nord September Gr. M. Sec.	Sec. +	Süd October Gr. M. Sec.	Sec. +	Süd November Gr. M. Sec.	Sec. +	Süd December Gr. M. Sec.	Sec. +
1	8. 24. 0.	41	3. 5. 19.	43	14. 22. 41.	35	21. 48. 3.	16
2	2. 12.	41	28. 39.	43	41. 54.	35	57. 15.	16
3	7. 40. 13.	41	51. 56.	43	15. 0. 52.	34	22. 6. 2.	15
4	18. 9.	41	4. 15. 9.	43	19. 35.	34	14. 23.	14
5	6. 55. 58.	42	38. 20.	43	38. 2.	33	22. 18.	13
6	33. 39.	42	5. 1. 28.	42	56. 14.	33	29. 48.	12
7	11. 14.	42	24. 31.	42	16. 14. 10.	32	36. 50.	11
8	5. 48. 42.	42	47. 32.	42	31. 50.	32	43. 27.	10
9	26. 7.	42	6. 10. 28.	42	49. 14.	31	49. 37.	10
10	3. 23.	42	33. 19.	42	17. 6. 20.	31	55. 20.	9
11	4. 40. 32.	43	56. 5.	42	23. 10.	30	23. 0. 36.	8
12	17. 41.	43	7. 18. 45.	42	39. 39.	30	5. 24.	7
13	3. 54. 44.	43	41. 20.	42	55. 53.	29	9. 43.	6
14	31. 41.	43	8. 3. 47.	42	18. 11. 46.	29	13. 37.	5
15	8. 35.	43	26. 9.	41	27. 21.	28	17. 3.	4
16	2. 45. 24.	43	48. 25.	41	42. 37.	27	19. 59.	3
17	22. 11.	43	9. 10. 32.	41	57. 35.	27	22. 27.	3
18	1. 58. 55.	43	32. 32.	41	19. 12. 9.	26	24. 29.	2
19	35. 36.	43	54. 22.	41	26. 23.	26	26. 2.	2
20	12. 15.	43	10. 16. 5.	40	40. 16.	25	27. 6.	1
21	0. 48. 51.	43	37. 38.	40	53. 48.	25	27. 42.	1
22	25. 26.	43	59. 0.	39	20. 6. 57.	24	27. 52.	0
23	2. 1.	43	11. 20. 14.	39	19. 44.	23	27. 30.	0
	Süd	+						+
24	21. 25.	43	41. 18.	39	32. 10.	22	26. 40.	0
25	44. 51.	43	12. 2. 10.	38	44. 10.	21	25. 23.	0
26	1. 8. 17.	43	22. 51.	38	55. 51.	20	23. 38.	1
27	31. 44.	43	43. 20.	38	21. 7. 5.	20	21. 25.	2
28	55. 10.	43	13. 3. 39.	37	17. 52.	19	18. 43.	3
29	2. 18. 34.	43	23 45.	37	28. 21.	18	15. 32.	4
30	41. 57.	43	43. 37.	36	38. 24.	17	11. 56.	5
31			14. 3. 16.	36			7. 50.	6

Tabelle C.

Sonnen = Declinations = Tabelle im Jahre 1802 mit Berichtigung für jedes vierte folgende Jahr. Copenh. Meridian. 2 Jahren.

Datum	Süd Januar Gr. M. Sec.	Gr. ÷	Süd Februar Gr. M. Sec.	Gr. ÷	Süd März Gr. M. Sec.	Gr. ÷	Nord April Gr. M. Sec.	Gr. +
1	23. 3. 18.	10	17. 13. 6.	32	7. 43. 39.	42	4. 21. 56.	43
2	22. 58. 15.	11	16. 55. 59.	32	21. 52.	43	45. 2.	43
3	52. 47.	11	38. 34.	33	6. 58. 20.	43	5. 8. 3.	43
4	46. 51.	12	20. 52.	33	36. 1.	43	31. 0.	42
5	40. 29.	13	2. 54.	34	12. 56.	43	53. 51.	42
6	33. 38.	14	15. 44. 38.	34	5. 49. 47.	43	6. 16. 35.	42
7	26. 22.	14	26. 8.	35	26. 12.	43	39. 14.	42
8	18. 38.	15	7. 20.	35	3. 13.	43	7. 1. 46.	41
9	10. 29.	16	14. 48. 17.	36	4. 39. 50.	43	24. 10.	41
10	1. 53.	17	29. 0.	36	16. 24.	43	46. 27.	41
11	21 52. 51.	17	9. 29.	37	3. 52. 44.	43	8. 8. 36.	41
12	43. 25.	18	13. 49. 41.	37	29. 22.	44	30. 29.	41
13	33. 22.	19	29. 41.	37	5. 46.	44	52. 32.	40
14	23. 14.	20	9. 28.	38	2. 42. 8.	44	9. 14. 16.	40
15	12. 31.	21	12. 49. 3.	38	18. 29.	44	35. 52.	40
16	1. 24.	21	28. 23.	39	1. 54. 48.	44	57. 19.	40
17	20. 49. 53.	22	7. 33.	39	31. 6.	44	10. 18. 34.	39
18	37. 59.	22	11. 46. 32.	39	7. 24.	44	39. 40.	39
19	25. 40.	23	25. 19.	40	0. 43. 42.	44	11. 0. 34.	39
20	12. 59.	24	3. 55.	40	20. 12.	44	21. 18.	38
					NORD	+		
21	19. 59. 57.	24	10. 42. 22.	40	0. 3. 42.	44	41. 51.	38
22	46. 30.	25	20. 40.	41	27. 23.	44	12. 2. 12.	37
23	32. 42.	26	9. 58. 47.	41	51. 2.	44	22. 22.	37
24	18. 32.	27	36. 57.	41	1. 14. 39.	44	42. 19.	36
25	4. 29.	28	14. 35.	42	38. 14.	44	13. 2. 4.	36
26	18. 49. 11.	28	8. 52. 18.	42	2. 1. 47.	44	21. 34.	36
27	33. 59.	29	29. 52.	42	25. 17.	44	40. 52.	35
28	18. 26	30	7. 19.	42	48. 44.	44	59. 58.	35
29	2. 35.	30			3. 12. 9.	43	14. 18. 48.	34
30	17. 46. 24.	31			35. 29.	43	37. 26.	34
31	29. 53.	31			58. 44.	43		

Tabelle C.

Sonnen = Declinations = Tabelle im Jahr 1802 mit Berichtigung für jedes vierte folgende Jahr. Copenh. Meridian. 2 Jahren.

Datum	Nord May Gr. M. Sec.	Sec. +	Nord Juny Gr. M. Sec.	Sec. +	Nord July Gr. M. Sec.	Sec. ÷	Nord August Gr. M. Sec.	Sec. ÷
1	14. 55. 59.	34	21. 59. 27.	15	23. 10. 16.	7	18. 10. 58.	28
2	15. 13. 57.	33	22. 7. 57.	14	6. 17.	8	17. 55. 51.	29
3	31. 51.	33	15. 45.	13	1. 54.	9	40. 29.	29
4	49. 29.	32	23. 10.	12	22. 57. 4.	10	24. 48.	30
5	16. 6. 51.	31	30. 10.	11	51. 53.	11	8. 50.	30
6	23. 56.	31	36. 48.	11	46. 16.	11	16. 52. 35.	31
7	40. 47.	30	43. 1.	10	40. 17.	12	36. 3.	31
8	57. 20.	30	48. 52.	9	33. 54.	13	19. 15.	32
9	17. 13. 38.	29	54. 19.	8	27. 8.	13	2. 12.	32
10	29. 38.	29	59. 19.	8	19. 58.	14	15. 44. 53.	33
11	45. 21.	28	23. 3. 57.	7	12. 23.	15	27. 19.	33
12	18. 0. 46.	28	8. 11.	7	4. 27.	16	9. 30.	34
13	15. 52.	27	12. 6.	6	21. 56. 8.	16	14. 51. 26.	34
14	30. 42.	27	15. 24.	5	47. 27.	17	33. 9.	35
15	45. 12.	26	18. 24.	4	38. 23.	18	14. 37.	35
16	59. 23.	26	20. 58.	4	28. 56.	18	13. 55. 51.	36
17	19. 13. 13.	25	23. 10.	3	19. 8.	19	36. 52.	36
18	26. 45.	24	24. 55.	2	8. 58.	20	17. 41.	36
19	39. 58.	24	26. 15.	1	20. 58. 27.	20	12. 58. 16.	37
20	52. 51.	23	27. 12.	0	47. 34.	21	38. 41.	37
21	20. 5. 23.	22	27. 50.	0	36. 20.	22	18. 53.	38
				÷				
22	17. 34.	22	27. 50.	0	24. 27.	22	11. 58. 53.	38
23	29. 25.	21	27. 32.	1	12. 52.	23	38. 42.	39
24	40. 54.	20	26. 49.	2	0. 36.	23	18. 19.	39
25	52. 3.	19	25. 41.	3	19. 48. 2.	24	10. 57. 47.	39
26	21. 2. 50.	19	24. 8.	3	35. 7.	25	37. 3.	39
27	13. 14.	18	22. 41.	4	21. 52.	25	16. 9.	40
28	23. 16.	17	19. 48.	5	8. 19.	26	9. 55. 5.	40
29	32. 57.	17	17. 2.	5	18. 54. 27.	26	33. 53.	40
30	42. 16.	16	14. 52.	6	40. 15.	27	12. 29.	40
31	51. 13.	15			25. 45.	28	8. 51. 0.	41

Tabelle C.

Sonnen = Declinations = Tabelle im Jahre 1802 mit Berichtigung für jedes vierte folgende Jahr. Copenh. Meridian. 2 Jahren.

Datum	Nord September Gr. M. Sec.	Sec. ÷	Süd October Gr. M. Sec.	Sec. +	Süd November Gr. M. Sec.	Sec. +	Süd December Gr. M. Sec.	Sec. +
1	8. 29. 21.	41	2. 59. 36.	43	14. 17. 57.	36	21. 45. 41.	17
2	7. 32.	41	3. 22. 56.	43	37. 12.	35	54. 59.	16
3	7. 45. 36.	41	46. 13.	43	56. 14.	35	22. 3. 53.	15
4	23. 32.	41	4. 9. 30.	43	15. 15. 0.	34	12. 21.	14
5	1. 21.	42	32. 44.	43	33. 32.	34	20. 23.	13
6	6. 39. 3.	42	55. 53.	43	51. 50.	33	27. 59.	13
7	16. 38.	42	5. 18. 59.	43	16. 9. 54.	33	35. 9.	12
8	5. 54. 8.	42	42. 1.	43	27. 37.	32	41. 52.	11
9	31. 30.	42	6. 4. 58.	43	45. 4.	32	48. 10.	10
10	8. 47.	42	27. 53.	42	17. 2. 16.	31	53. 59.	9
11	4. 46. 0.	43	50. 40.	42	19. 8.	30	59. 20.	8
12	23. 8.	43	7. 13. 22.	42	35. 44.	30	23. 4. 14.	7
13	0. 10.	43	35. 58.	42	52. 1.	29	8. 42.	6
14	3. 37. 9.	43	58. 28.	42	18. 7. 59.	29	12. 40.	5
15	14. 2.	43	8. 20. 50.	41	23. 38.	28	16. 15.	5
16	2. 50. 53.	43	43. 7.	41	38. 59.	28	19. 16.	4
17	27. 41.	43	9. 5. 16.	41	53. 58.	27	21. 51.	3
18	4. 26.	43	27. 17.	40	19. 8. 37.	27	24. 0.	3
19	1. 41. 8.	43	49. 7.	40	22. 55.	26	25. 40.	2
20	17. 49.	44	10. 10. 51.	40	36. 53.	25	26. 51.	1
21	0. 54. 28.	44	32. 27.	40	50. 29.	24	27. 34.	0
22	31. 5.	44	53. 51.	40	20. 3. 45.	23	27. 48.	0
23	7. 41.	44	11. 15. 6.	39	16. 36.	23	27. 35.	1
	Süd	+						
24	0. 15. 43.	44	36. 11.	39	29. 6.	22	26. 53.	2
25	39. 8.	44	57. 6.	39	41. 12.	21	25. 43.	3
26	1. 2. 33.	43	12. 17. 47.	38	52. 58.	21	24. 4.	4
27	26. 0.	43	38. 20.	38	21. 4. 19.	20	21. 57.	5
28	49. 26.	43	58. 40.	37	15. 15.	20	19. 22.	6
29	12. 51.	43	13. 18. 49.	37	25. 48.	19	16. 20.	7
30	2. 36. 14.	43	38. 45.	37	35. 57.	18	12. 49.	8
31			58. 28.	36			8. 50.	9

Tabelle C.

Sonnen = Declinations = Tabelle im Jahre 1803 mit Berichtigung für jedes vierte folgende Jahr. Copenh. Meridian. 3 Jahren.

Datum	Süd Januar Gr. M. Sec.	Sec. ÷	Süd Februar Gr. M. Sec.	Sec. ÷	Süd März Gr. M. Sec.	Sec. ÷	Nord April Gr. M. Sec.	Sec. +
1	23. 4. 32.	10	17. 17. 19.	32	7. 50. 14.	42	4. 16. 22.	43
2	22. 59. 40.	10	0. 15.	32	27. 28.	42	39. 30.	43
3	54. 19.	11	16. 42. 57.	33	4. 36.	43	5. 2. 33.	43
4	48. 29.	12	25. 18.	33	6. 41. 38.	43	25. 31.	42
5	42. 13.	13	7. 25.	34	18. 35.	43	48. 23.	42
6	35. 29.	14	15. 49. 12.	34	5. 55. 37.	43	6. 11. 8.	42
7	28. 19.	14	30. 45.	35	32. 13.	43	33. 48.	42
8	20. 48.	15	12. 3.	35	8. 56.	43	56. 22.	42
9	12. 38.	16	14. 53. 3.	36	4. 45. 34.	43	7. 18. 48.	41
10	4. 9.	17	33. 49.	36	22. 7.	43	41. 8.	41
11	21. 55. 14.	18	14. 20.	37	3. 58. 39.	43	8. 3. 19.	41
12	45. 53.	18	13. 54. 38.	37	35. 8.	44	25. 21.	41
13	36. 7.	19	34. 41.	38	10. 34.	44	47. 18.	40
14	25. 58.	20	14. 31.	38	2. 47. 57.	44	9. 9. 4.	40
15	15. 20.	21	12. 54. 9.	38	24. 17.	44	25. 20.	39
16	4. 19.	22	23. 33.	39	0. 36.	44	52. 11.	39
17	20. 52. 53.	22	12. 46.	39	1. 36. 55.	44	10. 13. 28.	39
18	41. 5.	23	11. 51. 47.	40	13. 13.	44	34. 36.	38
19	28. 53.	23	30. 37.	40	0. 49. 30.	44	55. 35.	38
20	16. 17.	24	9. 16.	40	25. 47.	44	11. 16. 22.	38
21	3. 19.	25	10. 47. 44.	40	2. 5.	44	36. 58.	37
					Nord	+		
22	19. 49. 58.	26	26. 3.	41	0. 21. 36.	44	57. 23.	37
23	36. 15.	26	4. 12	41	45. 15.	44	12. 17. 36.	37
24	22. 10.	27	9. 42. 12.	41	1. 8. 54.	44	37. 37.	36
25	7. 43.	28	20. 4.	41	32. 31.	44	57. 25.	36
26	18. 52. 57.	28	8. 57. 47.	42	56. 5.	44	13. 16. 59.	36
27	37. 51.	29	35. 24.	42	2. 19. 37.	44	36. 20.	35
28	22. 23.	29	12. 52.	42	43. 4.	44	55. 31.	35
29	6. 35.	30			3. 6. 30.	43	14. 14. 25.	35
30	17. 50. 28.	30			29. 53.	43	33. 7.	3
31	34. 2.	31			53. 9.	43		

Tabelle C.

Sonnen = Declinations = Tabelle im Jahr 1803 mit Berichtigung für jedes vierte folgende Jahr. Copenh. Meridian. 3 Jahren.

Datum	Nord May Gr. M. Sec.	Sec. +	Nord Juny Gr. M. Sec.	Sec. +	Nord July Gr. M. Sec.	Sec. +	Nord August Gr. M. Sec.	Sec. +
1	14. 51. 33	34	21. 57. 57	15	23. 10. 21	8	18. 14. 36	28
2	15. 9. 43	33	22. 6. 12	14	7. 26	8	17. 59. 33	29
3	27. 41	33	14. 5	13	3. 6	9	44. 16	29
4	45. 23	32	21. 36	12	22. 58. 25	10	28. 40	30
5	16. 2. 49	31	28. 41	12	53. 18	11	12. 47	30
6	20. 0	31	35. 24	11	47. 47	11	16. 56. 37	31
7	36. 50	30	41. 44	10	41. 53	12	40. 9	31
8	53. 31	30	47. 40	9	35. 35	13	23. 24	32
9	17. 9. 52	29	53. 12	9	28. 54	13	6. 24	32
10	25. 57	29	58. 22	8	21. 49	14	15. 49. 9	33
11	41. 44	28	23. 3. 2	7	14. 22	15	31. 38	33
12	57. 12	28	7. 21	6	6. 31	16	13. 53	34
13	18. 12. 24	27	11. 16	5	21. 58. 17	16	14. 55. 54	34
14	27. 16	27	14. 46	5	49. 42	17	37. 40	35
15	41. 50	26	17. 53	4	40. 42	18	20. 11	35
16	56. 7	26	20. 34	4	31. 22	18	0. 19	36
17	19. 10. 4	25	22. 51	3	21. 39	19	13. 41. 32	36
18	23. 40	24	24. 43	2	11. 37	19	22. 23	36
19	36. 58	24	26. 10	1	1. 7	20	3. 1	37
20	49. 55	23	27. 11	0	20. 50. 20	21	12. 43. 28	37
21	20. 2. 33	22	27. 48	0	39. 11	22	23. 42	37
22	14. 51	22	28. 0	0	27. 41	22	3. 45	38
23	26. 46	21	27. 48	0	15. 51	23	11. 43. 35	38
24	38. 22	20	27. 11	1	3. 40	23	23. 16	38
25	49. 35	20	26. 9	2	19. 51. 10	24	2. 45	39
26	21. 0. 27	19	25. 42	3	38. 19	24	10. 42. 4	39
27	10. 56	18	22. 51	4	25. 9	25	21. 13	39
28	21. 5	18	20. 35	5	11. 41	26	0. 12	40
29	30. 51	17	17. 55	6	18. 57. 53	26	9. 39. 1	40
30	40. 6	16	14. 50	7	43. 46	27	17. 43	40
31	49. 18	16			29. 20	28	8. 56. 16	41

Tabelle C.

Sonnen = Declinations = Tabelle im Jahre 1803 mit Berichtigung für jedes vierte folgende Jahr. Copenh. Merid. 3 Jahr.

Datum.	Nord September Gr. M. Sec.	Sec. +	Süd October Gr. M. Sec.	Sec. +	Süd November Gr. M. Sec.	Sec. +	Süd December Gr. M. Sec.	Sec. +
1	8. 34. 36	41	2. 53. 8	43	14. 13. 20	36	21. 43. 33	17
2	12. 50	41	3. 17. 19	43	32. 39	35	52. 54	16
3	7. 50. 57	41	40. 38	43	51. 42	35	22. 1. 54	15
4	28. 55	41	3. 54	43	15. 10. 33	34	10. 28	14
5	6. 47	42	4. 27. 7	43	29. 10	34	18. 37	13
6	6. 44. 30	42	50. 18	43	47. 20	33	26. 19	13
7	22. 6	42	5. 13. 24	43	16. 5. 35	33	33. 35	12
8	5. 59. 37	42	36. 27	42	23. 23	32	40. 25	11
9	37. 2	42	59. 16	42	40. 56	32	46. 48	10
10	14. 20	42	6. 22. 10	42	58. 11	31	52. 45	9
11	4. 51. 55	43	45. 10	42	17. 15. 9	31	58. 13	9
12	28. 42	43	7. 7. 53	42	31. 49	30	23. 3. 15	8
13	5. 45	43	30. 31	42	48. 12	30	7. 49	7
14	3. 42. 45	43	58. 3	42	18. 4. 15	29	11. 55	6
15	19. 39	43	8. 15. 29	41	20. 0	28	15. 32	5
16	2. 56. 31	43	37. 46	41	35. 23	28	18. 43	4
17	23. 20	43	59. 57	41	50. 29	27	21. 25	3
18	10. 4	43	9. 22. 1	41	19. 5. 13	27	23. 40	2
19	1. 46. 57	43	43. 56	40	19. 38	26	25. 26	1
20	23. 27	43	10. 5. 41	40	33. 44	25	26. 46	0
21	0. 6	44	27. 19	40	47. 22	24	27. 35	0
22	0. 36. 44	44	48. 47	40	20. 0. 42	24	27. 57	-
23	13. 20	44	11. 10. 3	39	13. 40	23	27. 50	0
	Süd	+						
24	10. 16	44	31. 11	39	26. 16	22	27. 15	1
25	0. 33. 29	44	52. 9	39	38. 29	21	26. 11	2
26	56. 55	44	12. 12. 54	38	50. 18	21	24. 40	3
27	1. 20. 20	43	33. 29	37	21. 1. 45	20	22. 40	4
28	43. 45	43	53. 52	37	12. 47	19	20. 12	5
29	2. 7. 11	43	13. 14. 2	37	23. 27	18	17. 15	6
30	30. 35	43	34. 2	36	33. 43	17	13. 52	7
31			53. 47	36			9. 59	8

Tab. C.

Sonnen-Declinations-Tabelle im Jahre 1804 mit Berichtigung für jedes vierte folgende Jahr. Copenh. Merid. Schaltjahre.

Datum.	Süd Januar Gr. M. Sec.	Sec. ±	Süd Februar Gr. M. Sec.	Sec. ±	Süd März Gr. M. Sec.	Sec. ±
1	23. 5. 19	9	17. 21. 22	30	7. 33. 2	43
2	0. 51	9	4. 25	31	10. 12	43
3	22. 55. 35	10	16. 47. 10	32	6. 47. 15	43
4	49. 53	11	29. 36	32	24. 13	43
5	43. 41	12	11. 44	33	1. 4	43
6	37. 2	13	15. 53. 36	34	5. 37. 51	43
7	30. 0	13	35. 12	35	14. 33	43
8	22. 31	14	16. 32	36	4. 51. 10	43
9	14. 33	14	14. 57. 36	37	27. 54	44
10	6. 10	15	38. 24	37	4. 19	44
11	21. 57. 21	15	19. 0	38	3. 40. 46	44
12	48. 6	16	13. 59. 20	38	17. 11	44
13	38. 26	17	39. 26	39	2. 53. 34	44
14	28. 19	17	19. 19	39	29. 55	44
15	17. 51	18	12. 59. 0	40	6. 16	44
16	6. 55	18	38. 27	41	1. 42. 36	44
17	20. 55. 35	19	17. 44	41	18. 54	44
18	43. 57	19	11. 56. 49	41	0. 55. 12	44
19	31. 48	20	35. 42	42	31. 31	44
20	19. 19	20	14. 25	42	7. 50	44
					Nord	+
21	6. 26	21	10. 53. 0	42	0. 15. 50	44
22	19. 53. 51	22	31. 18	42	39. 30	44
23	39. 34	22	9. 30	42	1. 3. 8	44
24	25. 35	23	9. 47. 35	42	26. 43	44
25	11. 14	24	25. 29	42	50. 16	44
26	18. 56. 33	25	3. 15	42	2. 13. 48	44
27	41. 31	25	8. 40. 54	42	37. 17	44
28	26. 0	26	18. 25	42	3. 0. 43	44
29	10. 26	27	7. 55. 47	42	24. 4	44
30	17. 54. 25	28			47. 22	43
31	38. 3	29			4. 10. 35	43

Tab. C.

Sonnen = Declinations = Tabelle im Jahr 1804 mit Berichtigung für jedes vierte folgende Jahr Copenh. Merid. Schaltjahre.

Datum.	Nord April Gr. M. Sec.	Sec. +	Nord May Gr. M. Sec.	Sec. +	Nord Juny Gr. M. Sec.	Sec. +
1	4. 33. 46	43	15. 5. 15	34	22. 4. 4	15
2	56. 54	43	23. 17	34	12. 7	15
3	5. 19. 53	43	41. 3	33	19. 43	14
4	42. 47	42	58. 35	33	26. 56	13
5	6. 5. 38	42	16. 15. 48	32	33. 45	13
6	28. 18	42	32. 47	32	40. 11	12
7	50. 55	42	49. 29	31	46. 11	12
8	7. 13. 24	42	17. 5. 54	31	51. 50	11
9	35. 46	41	22. 4	30	57. 3	10
10	58. 0	41	37. 54	30	23. 1. 53	9
11	8. 20. 4	41	53. 27	29	6. 18	8
12	42. 1	41	18. 8. 43	29	10. 18	7
13	9. 3. 49	41	23. 40	28	13. 55	7
14	25. 30	41	38. 18	28	17. 8	6
15	47. 0	40	52. 39	28	19. 54	5
16	10. 8. 20	40	19. 6. 39	27	22. 16	4
17	29. 30	40	20. 29	27	24. 13	3
18	50. 30	40	33. 42	26	25. 45	3
19	11. 11. 18	39	46. 43	25	26. 54	2
20	31. 55	39	59. 25	25	27. 37	1
21	52. 22	39	20. 11. 46	24	27. 55	1
22	12. 12. 32	38	23. 49	23	27. 49	1
23	32. 40	38	35. 27	22	27. 18	1
24	52. 29	38	46. 44	21	26. 22	2
25	13. 12. 9	37	57. 41	21	25. 2	3
26	31. 32	37	21. 8. 18	20	23. 15	3
27	50. 44	36	18. 32	19	21. 6	4
28	14. 9. 42	36	28. 24	19	18. 31	5
29	28. 28	35	37. 53	18	15. 33	6
30	46. 58	35	47. 2	17	12. 8	6
31			55. 47	16		

Tab. C.

Sonnen-Declinations-Tabelle im Jahr 1804 mit Berichtigung für jedes vierte folgende Jahr Cop. Merid. Schaltjahre.

Datum.	Nord July Gr. M. Sec.	Sec. ±	Nord August Gr. M. Sec.	Sec. ±	Nord September Gr. M. Sec.	Sec. ±
1	23. 8. 20	6	18. 3. 15	28	8. 18. 6	40
2	4. 27	7	17. 47. 57	28	7. 56. 13	41
3	22. 59. 33	8	32. 24	29	34. 11	41
4	54. 32	9	16. 36	29	12. 3	41
5	49. 7	9	0. 28	30	6. 49. 48	41
6	43. 18	10	16. 44. 4	30	27. 27	41
7	37. 9	11	27. 27	31	5. 0	42
8	30. 31	12	10. 29	31	5. 42. 25	42
9	23. 32	12	15. 53. 11	32	19. 46	42
10	16. 10	13	35. 51	32	4. 57. 2	42
11	8. 29	14	18. 9	33	34. 12	42
12	0. 17	15	0. 13	33	11. 17	42
13	21. 51. 46	15	14. 42. 4	34	3. 48. 19	43
14	42. 53	16	23. 40	34	25. 17	43
15	33. 39	17	5. 1	34	2. 10	43
16	24. 1	17	13. 46. 21	35	2. 39. 0	43
17	14. 2	18	27. 5	35	15. 46	43
18	3. 42	18	7. 46	36	52. 31	44
19	20. 53. 0	19	12. 48. 17	36	29. 13	44
20	41. 55	20	28. 35	37	5. 53	44
21	30. 22	20	8. 41	37	0. 42. 31	44
22	18. 46	21	11. 48. 35	37	19. 7	44
					Süd	+
23	6. 42	22	28. 18	38	4. 18	44
24	19. 54. 6	23	7. 50	38	27. 43	44
25	41. 30	24	10. 47. 11	38	51. 9	44
26	28. 25	24	26. 11	39	1. 14. 37	44
27	15. 1	25	5. 22	39	38. 4	44
28	1. 18	25	9. 44. 13	40	2. 1. 30	44
29	18. 47. 13	26	22. 55	40	24. 55	44
30	32. 52	27	1. 27	40	48. 19	44
31	18. 12	28	8. 39. 50	40		

Tab. C.

Sonnen-Declinations-Tabelle im Jahr 1804 mit Berichtigung für jedes vierte folgende Jahr Copenh. Merid. Schaltjahre.

Datum.	Süd April Gr. M. Sec.	Sec. +	Süd November Gr. M. Sec.	Sec. +	Süd December Gr. M. Sec.	Sec. +
1	3. 11. 41	44	14. 28. 0	36	21. 50. 39	17
2	35. 2	44	47. 9	36	59. 45	16
3	58. 18	43	15. 6. 3	35	22. 8. 26	15
4	4. 21. 33	43	24. 43	35	16. 41	14
5	44. 45	43	43. 5	34	24. 31	14
6	5. 7. 52	43	16. 1. 15	34	31. 52	13
7	30. 57	43	19. 1	33	38. 47	13
8	53. 56	43	36. 43	33	45. 16	12
9	6. 16. 50	43	54. 1	32	51. 17	11
10	39. 40	43	17. 11. 3	32	56. 53	10
11	7. 2. 24	42	27. 46	31	23. 2. 2	9
12	25. 2	42	44. 12	31	6. 42	9
13	47. 35	42	18. 0. 17	30	10. 54	8
14	8. 10. 0	42	16. 12	30	14. 40	7
15	32. 18	41	31. 38	29	17. 58	6
16	54. 24	41	46. 45	29	20. 47	5
17	9. 16. 34	41	19. 1. 35	28	23. 8	4
18	38. 30	41	16. 5	27	25. 0	3
19	10. 0. 18	40	30. 13	27	26. 26	3
20	21. 57	40	43. 59	26	27. 21	2
21	43. 28	40	57. 23	25	27. 49	1
22	11. 4. 48	40	20. 10. 18	24	27. 50	1
23	25. 58	39	23. 11	24	27. 35	1
24	46. 58	39	35. 29	23	26. 25	2
25	12. 7. 47	39	47. 23	22	25. 0	3
26	28. 25	38	58. 58	21	23. 11	4
27	48. 53	38	21. 10. 18	20	20. 45	5
28	13. 9. 7	38	20. 52	20	17. 55	6
29	29. 10	37	31. 12	19	14. 38	7
30	49. 1	37	41. 8	18	10. 52	7
31	14. 8. 38	36			6. 39	8

Tabelle D.

Sonnen gerade Aufsteigungs-Tabelle im Jahre 1798. Copenh. Meridian.

Datum.	Januar	Februar	März	April	May	Juny
	St.M.Sec	St.M.Sec	St.M.Sec	St.M.Sec	St.M.Sec	St.M.Sec
1	18. 49. 38	21. 1. 43	22. 50. 35	0. 44. 1	2. 35. 15	4. 38. 5
2	54. 3	5. 47	54. 19	47. 39	39. 5	42. 10
3	58. 27	9. 49	58. 3	51. 18	42. 56	46. 16
4	19. 2. 51	13. 51	23. 1. 46	54. 56	46. 47	50. 23
5	7. 14	17. 52	5. 28	58. 35	50. 38	54. 30
6	11. 37	21. 52	9. 10	1. 2. 14	54. 29	58. 37
7	15. 40	25. 51	12. 52	5. 53	58. 21	5. 2. 44
8	20. 22	29. 50	16. 33	9. 32	3. 2. 14	6. 52
9	24. 43	33. 48	20. 14	13. 12	6. 7	11. 0
10	29. 4	37. 46	23. 55	16. 52	10. 1	15. 9
11	33. 25	41. 42	27. 35	20. 32	13. 56	19. 18
12	37. 44	45. 38	31. 15	24. 13	17. 51	23. 26
13	42. 3	49. 33	34. 55	27. 54	21. 47	27. 35
14	46. 22	53. 27	38. 35	31. 36	25. 44	31. 45
15	50. 40	57. 20	42. 14	35. 17	29. 40	35. 44
16	54. 57	22. 1. 13	45. 53	38. 59	33. 38	40. 3
17	59. 13	5. 5	49. 32	42. 41	37. 36	44. 13
18	20. 3. 29	8. 55	53. 11	46. 24	41. 34	48. 22
19	7. 44	12. 46	56. 49	50. 5	45. 33	52. 32
20	11. 58	16. 35	0. 0. 17	53. 49	49. 33	56. 42
21	16. 11	20. 26	4. 6	57. 33	53. 33	6. 0. 51
22	20. 24	24. 13	7. 44	2. 1. 18	57. 33	5. 0
23	24. 35	28. 1	11. 21	5. 3	4. 1. 34	9. 10
24	28. 45	31. 48	14. 59	8. 48	5. 36	13. 19
25	32. 55	35. 35	18. 36	12. 34	9. 38	17. 28
26	37. 5	39. 21	22. 14	16. 20	13. 40	21. 37
27	41. 13	43. 6	25. 52	20. 6	17. 44	25. 46
28	45. 21	46. 51	29. 30	23. 41	21. 47	29. 55
29	49. 28		32. 7	27. 39	25. 51	33. 4
30	53. 33		36. 45	31. 27	29. 55	38. 12
31	57. 39		40. 23		34. 0	

Berichtigungen.

Pagina	Zeilen v. oben	Zeilen v. unten	steht	man lese
15	2	—	LA 90° 0	A. 50° 0
23	6	—	CA	GA
37	—	8	11 Stund 12	4 Stund. 48
39	16	—	8 ′ 12	4 ′ 12
51	5	—	nur	nach
63	—	9	B	P
66	2	—	347° 21	354° 0
70	14	—	sind der Breite Vergrößerung	der Breite Vergrößerung, sind
74	6	—	zwey	32 Meilen
76	14	—	21° 17′	20° 17′
79	—	9	59° 48 — 316	70° 10′ — 398¾
80	—	4	sehe man Tab. N	, man sehe Tab. N.
83	—	13	III	IIIO
85	—	15	fehlet	SWZW, bis an 39° 12,
92	14	—	NOZN	NOZO
96	10	—	ein B rechter	B ein rechter
98	—	12	die zu segelnde	die gesegelte
108	17	—	aus diesem	zu diesem
127	8	—	derselbe	dasselbe
130	14	—	denn	den
156	7	—	Gradstücken	Gradstöcken
175	—	11	östlicher	westlicher
181	—	6	G	F
—	—	4	F	G
188	—	8	E = B Radius	F = B Radius
201	—	3	der Azimuth	oder Azimuth
204	—	3	10° 0 vom West	10° Süd vom West
231	7	—	nachstieg	noch stieg
280	4	—	1799	1798
298	—	5	Nordwestring	Nordostring
304	8	—	Nord v. Süd	Nord vom Ost
306	14	—	53° 38	57° 38′
308	1	—	Nachrichten	Aufgaben

Verbesserungen in den Tabellen.

Tabelle C.

Datum.			steht	man lese
1803	Febr.	16	12. 23. 33	12. 33. 33
	April	15	9. 25. 20	9. 30. 42

Tabelle I.

Sinus.	Gr.	M.	steht	man lese
	0	12	449	349
	1	1	1874	1774
		2	1703	1803
	7	50	13129	13629
	56	12	83198	83098
	62	51	88581	88981
	—	53	88008	89008
	66	54	92982	91982
		55	92994	91994
	67	5	92007	92107

Tabelle L.

Num.	steht	man lese
400	3.60206	2,60206
1325	4.12221	312221
1835	226363	326363
1916	428239	328239
1971	229468	329468
1993	429950	329950
1997	830037	330037
2719	443440	348440
2720	443456	343456
2835	2 Index	3 Index
bis		
2879	2.	3.
3136	2.49637	349637
3662	556371	356371
3963	459802	359802
4100	2 Index	3
bis		
4104	2 —	3
4236	2 —	3
5905	4 —	3
9176	7 —	3

Tabelle N.

Dist.	Br. Ab.	steht	man lese
83	1½ Str.	89-4 Br.	79-4
160	6¼ Str.	53-0 Br.	53-9

Tabelle D.

Sonnen gerade Aufsteigungs-Tabelle im Jahr 1798. Copenhagener Meridian.

Datum	July	August	September	October	November	December
	St. M. Sec	St. M. Sec	St. M. Sec	St. M. Sec	St. M. Sec	St. M. Sec
1	6. 42. 20	8. 47. 4	10. 43. 5	12. 31. 10	14. 27. 37	16. 31. 44
2	46. 28	50. 56	46. 41	34. 48	31. 33	36. 2
3	50. 36	54. 49	50. 18	38. 26	35. 32	40. 23
4	54. 43	58. 40	53. 55	42. 5	39. 30	44. 44
5	58. 50	9. 2. 31	57. 32	45. 44	43. 28	49. 6
6	7. 2. 57	6. 22	11. 1. 9	49. 25	47. 28	53. 28
7	7. 3	10. 12	4. 46	53. 5	51. 28	57. 49
8	11. 10	14. 0	8. 22	56. 43	55. 29	17. 2. 14
9	15. 15	17. 49	11. 58	13. 0. 26	59. 31	6. 38
10	19. 21	21. 37	15. 34	4. 5	15. 3. 35	11. 2
11	23. 25	25. 24	19. 20	7. 46	7. 38	15. 27
12	27. 30	29. 11	22. 46	11. 26	11. 43	19. 52
13	31. 28	32. 57	26. 22	16. 11	15. 48	24. 17
14	35. 37	37. 3	29. 58	18. 54	19. 54	28. 43
15	39. 40	40. 29	33. 34	22. 37	24. 1	33. 8
16	43. 44	44. 13	37. 8	26. 21	28. 8	37. 34
17	47. 46	47. 57	40. 44	30. 6	32. 17	42. 0
18	51. 46	52. 1	44. 19	33. 51	36. 26	46. 27
19	55. 48	55. 24	47. 55	37. 37	40. 37	50. 53
20	59. 48	59. 12	51. 30	41. 24	44. 48	55. 20
21	8. 3. 48	10. 2. 49	55. 6	45. 11	49. 0	59. 46
22	7. 47	6. 30	58. 42	48. 59	53. 12	18. 4. 13
23	11. 46	10. 11	12. 2. 17	52. 47	57. 27	8. 39
24	15. 43	13. 43	5. 53	56. 36	16. 1. 41	13. 6
25	19. 41	17. 32	9. 29	14. 0. 26	5. 56	17. 32
26	23. 37	21. 12	13. 5	4. 17	10. 12	21. 59
27	27. 34	24. 52	16. 42	8. 8	14. 28	26. 25
28	31. 28	28. 30	20. 19	12. 0	18. 46	30. 51
29	35. 24	32. 9	23. 56	15. 53	23. 4	35. 17
30	39. 17	35. 47	27. 23	19. 47	27. 22	39. 43
31	43. 12	39. 25		23. 41		44. 8

Tabelle D.

Sonnen Aufsteigungs-Tabelle im Jahre 1799. Copenhagener Meridian.

Datum	Januar St.M.Sec	Februar St.M.Sec	März St.M.Sec	April St.M.Sec	May St.M.Sec	Juny St.M.Sec
1	18. 48. 36	21. 0. 46	22. 49. 41	0. 43. 9	2. 34. 23	4. 37. 7
2	53. 1	4. 49	53. 25	46. 47	38. 18	41. 12
3	57. 25	8. 52	57. 9	50. 25	42. 1	45. 18
4	19. 1. 40	12. 54	23. 0. 52	54. 4	45. 51	49. 25
5	6. 12	16. 55	4. 34	57. 40	49. 42	53. 31
6	10. 35	20. 56	8. 17	1. 1. 21	53. 33	57. 38
7	14. 58	24. 55	11. 58	5. 0	57. 25	5. 1. 16
8	19. 19	28. 53	15. 40	8. 39	3. 1. 19	5. 53
9	23. 40	32. 51	19. 21	12. 19	5. 12	10. 2
10	28. 1	36. 48	23. 2	15. 59	9. 6	14. 10
11	32. 22	40. 45	26. 42	19. 39	13. 0	18. 28
12	36. 41	44. 41	30. 22	23. 19	16. 55	22. 27
13	41. 3	48. 38	34. 1	27. 0	20. 50	26. 36
14	45. 21	52. 30	37. 40	30. 41	24. 46	30. 45
15	49. 39	56. 23	41. 20	34. 22	28. 43	34. 55
16	53. 56	22. 0. 16	44. 59	38. 4	32. 40	39. 4
17	58. 13	4. 8	48. 38	41. 46	36. 38	43. 14
18	20. 2. 25	8. 0	52. 17	45. 30	40. 36	47. 23
19	6. 41	11. 51	55. 55	49. 13	44. 35	51. 33
20	10. 53	15. 41	59. 34	52. 56	48. 35	55. 42
21	15. 9	19. 30	0. 3. 12	56. 40	52. 35	59. 52
22	19. 22	23. 19	6. 50	2. 0. 24	56. 35	6. 4. 2
23	23. 34	27. 6	10. 28	4. 9	4. 0. 37	8. 11
24	27. 45	30. 53	14. 6	7. 54	4. 39	12. 21
25	31. 56	34. 40	17. 44	11. 39	8. 41	16. 30
26	36. 5	38. 26	21. 22	15. 25	12. 43	20. 39
27	40. 14	42. 12	25. 0	19. 12	16. 46	24. 48
28	44. 22	45. 57	28. 37	22. 59	20. 50	28. 57
29	48. 29		32. 15	26. 46	24. 54	33. 5
30	52. 33		35. 53	30. 34	28. 58	37. 16
31	56. 40		39. 33		33. 3	

Tabelle D.

Sonnen Aufsteigungs-Tabelle im Jahre 1799. Copenhagener Meridian.

Datum	July St.M.Sec	August St.M.Sec	September St.M.Sec	October St.M.Sec	November St.M.Sec	December St.M.Sec
1	6. 41. 22	8. 46. 10	10. 42. 12	12. 30. 16	14. 26. 41	16. 30. 39
2	45. 20	50. 3	45. 49	33. 56	30. 37	34. 59
3	49. 38	53. 55	49. 27	37. 24	34. 34	39. 19
4	53. 45	57. 46	53. 4	41. 12	38. 31	43. 40
5	57. 52	9. 1. 37	56. 41	44. 51	42. 30	48. 2
6	7. 1. 59	5. 28	11. 0. 17	48. 30	46. 29	52. 24
7	6. 5	9. 17	3. 54	52. 10	50. 29	56. 47
8	10. 11	13. 6	7. 30	55. 50	54. 30	17. 1. 10
9	14. 27	16. 54	11. 6	59. 30	58. 32	5. 24
10	18. 23	20. 42	14. 42	13. 3. 11	15. 2. 34	9. 58
11	22. 28	24. 30	18. 18	6. 52	6. 37	14. 22
12	26. 32	28. 17	21. 54	10. 34	10. 41	18. 47
13	30. 36	32. 3	25. 30	14. 18	14. 48	23. 14
14	34. 40	35. 49	29. 6	18. 1	18. 54	27. 39
15	38. 43	39. 35	32. 41	21. 44	23. 1	32. 5
16	42. 27	42. 18	36. 17	25. 28	27. 8	36. 31
17	46. 49	47. 4	39. 52	29. 13	31. 16	40. 57
18	50. 49	50. 50	43. 28	32. 58	35. 26	45. 23
19	54. 50	54. 31	47. 3	36. 43	39. 36	49. 50
20	58. 51	58. 18	50. 39	40. 30	43. 47	54. 16
21	8. 2. 51	10. 1. 56	54. 14	44. 17	47. 59	58. 43
22	6. 50	5. 38	57. 50	48. 4	52. 11	18. 3. 9
23	10. 49	9. 18	12. 1. 25	51. 53	56. 26	7. 36
24	14. 47	12. 59	5. 2	55. 42	16. 0. 42	12. 3
25	18. 44	16. 39	8. 38	59. 31	4. 58	16. 29
26	22. 41	20. 19	12. 14	14. 3. 22	9. 10	20. 56
27	26. 38	23. 59	15. 50	7. 13	13. 26	25. 22
28	30. 33	27. 38	19. 27	11. 6	17. 44	29. 48
29	34. 28	31. 15	23. 4	14. 58	22. 3	34. 14
30	38. 23	34. 55	26. 41	18. 52	26. 19	38. 40
31	42. 17	38. 34		22. 46		43. 5

Tabelle E.

Der vornehmsten Sterne Declination und Aufsteigung im Jahre 1800 mit der zehnjährigen Veränderung in Secunden.

	Namen der Sterne.	Declination.		Veränderung in 10 Jahren.	Aufsteigung.	Veränderung in 10 Jahren.
		Gr. M. Sec.		Sec.	H. M. Sec.	Sec.
1	Arietis, am Haupte des Widders .	22. 30. 42	N	+ 174	1. 55. 54	+ 33
2	Aldebaran, das rechte Auge des Stiers	16. 5. 58	N	+ 83	4. 24. 27	38
3	Pollux, der südliche in den Zwillingen	28. 29. 49	N	— 78	7. 33. 3	37
4	Regulus, das Herz des Löwen .	12. 57. 7	N	— 172	9. 57. 42	32
5	Spica Virginis, die Kornähre der Magd	10. 6. 47	S	+ 190	13. 14. 40	31
6	Das Herz der Scorpion, Antares .	25. 58. 24	S	+ 88	16. 17. 8	36
7	Der helle im Adler, Atair . .	8. 20. 47	N	+ 84	19. 41. 0	29
8	Im Steinbock, β Capricorni .	13. 6. 11	S	— 104	20. 6. 16	33
9	Der südliche Fisch, Fomohand .	30. 40. 40	S	— 190	22. 46. 33	33
10	Die Flügel des Pegasi, Markab .	14. 7. 56	N	+ 192	22. 54. 48	30
	Nota. Die Distanz obiger 10 Sterne vom Monde findet man im Nautical-Calender ausgerechnet.					
11	Der helle im Pegaso, Algenib .	14. 2. 14	N	+ 200	0. 2. 57	31
12	Im Munde des Wallfisches, Menkar	3. 18. 1	N	+ 148	2. 51. 49	31
13	Die Ziege, Capella . . .	45. 46. 52	N	+ 52	5. 1. 55	44
14	Der linke Fuß des Riesen, Rigel .	8. 26. 33	S	— 49	5. 4. 57	29
15	Die östliche Schulter d. Orion .	7. 21. 28	N	+ 15	5. 44. 19	30
16	Der große Hund, Sirius . .	16. 27. 31	S	+ 45	6. 36. 19	26
17	Castor, der nördliche in den Zwillingen	32. 18. 52	N	— 68	7. 21. 47	38
18	Der kleine Hund, Procyon . .	5. 44. 21	N	— 74	7. 28. 47	31
19	Der Bauer, Bootes oder Arcturus	20. 14. 33	N	— 171	14. 6. 31	27
20	Cassiopea Brust	55. 26. 18	N	+ 198	0. 29. 13	33
21	Der Polarstern, Altieuba . .	88. 14. 33	N	+ 196	0. 51. 31	100
22	Der südl. im Strom Eridan, Alchenar	58. 25. 14	S	— 186	1. 30. 17	23
23	Der Fuß der Andromeda, Almaac .	41. 21. 51	N	+ 178	1. 51. 40	36
24	Das Haupt der Medusa, Algol .	40. 10. 29	N	+ 146	2. 55. 11	38
25	Das Siebengestirn	23. 25. —	N	+ 120	3. 35. 38	35
26	Der helle in den Rudern d. Schiffs Argo	68. 53. 48	S	+ 150	9. 11. 0	8
27	Das Herz der Wasserschlange . .	7. 47. 52	S	+ 151	9. 17. 45	29
28	Das Norder Hinterrad am Wagen	62. 49. 44	N	— 191	10. 51. 17	39
29	Der Südstern am Fuß des Kreuzes	61. 59. 18	S	+ 198	12. 20. 9	32
30	Centauri linker Fuß . . .	60. 0. 38	S	+ 160	14. 26. 30	44
31	Der Gürtel der Andromeda, Mirach	34. 33. 26	N	+ 195	0. 58. 39	33
32	Lyra, — Wega .	38. 36. 8	N	+ 25	18. 30. 9	20
33	Die Nordkrone	27. 23. 46	N	— 126	15. 26. 12	25
34	Der helle in Perseus . . .	49. 8. 17	N	+ 137	3. 10. 7	42
35	Am Haupte des Schlangenträgers .	12. 45. 10	N	— 31	17. 25. 20	28

Tabelle E.

Der vornehmsten Sterne Declination und Aufsteigung im Jahr 1800 mit zehnjähriger Veränderung in Secunden.

	Namen der Sterne.	Declination.		Veränderung in 10 Jahren.	Aufsteigung	Veränderung in 10 Jahren.
		Gr. M. Sec.		Sec.	H. M. Sec.	Sec.
36	Das Haupt Hercules . . .	14. 37. 41	N	— 48	17. 5. 31	+ 27
37	Der helle am Halse des Phönix .	43. 23. 22	S	— 196	0. 16. 22	30
38	Das Auge der Pfauen . . .	57. 21. 48	S	— 102	20. 9. 46	49
39	Der mittelste oder klare Wächter .	74. 58. 37	N	— 147	14. 51. 23	—
40	Die Südschale in Libra . . .	15. 12. 5	S	+ 155	14. 39. 50	33
41	Die Nordschale in Libra . . .	8. 38. 6	S	+ 139	15. 6. 20	33
42	Der helle im Süd-Dreyeck . .	68. 38. 18	S	+ 84	16. 27. 38	62
43	Im Schwan, Denib . . .	44. 34. 17	N	+ 125	20. 34. 34	20
44	Das Haupt des Drachen . .	51. 31. 6	N	— 8	17. 52. 21	22
45	Der Flügel des Kranichs . .	47. 54. 18	S	— 168	21. 55. 33	39

Tabelle F.

Des Sonnenhalbmessers.

Monathe	M.	S.
Januar	16	18
Februar	16	12
März	16	6
April	16	0
May	15	54
Juny	15	48
July	15	48
August	15	54
September	16	0
October	16	6
November	16	12
December	16	18

Tabelle G.

Der Strahlenbrechung.

Object Höhe Gr. M	M. S.	Höhe Gr.	M. S.
0. 0	33. 0	30	1. 38
0. 30	28. 22	31	1. 35
1. 0	24. 29	32	1. 31
1. 30	21. 15	33	1. 28
2. 0	18. 35	34	1. 24
2. 30	16. 24	35	1. 21
3. 0	14. 36	36	1. 18
3. 30	13. 6	37	1. 16
4. 0	11. 51	38	1. 13
4. 30	10. 48	39	1. 10
5. 0	9. 54	40	1. 8
6. 0	8. 28	41	1. 5
7. 0	7. 20	42	1. 3
8. —	6. 29	43	1. 1
9. —	5. 48	44	0. 59
10. —	5. 15	45	0. 57
11. —	4. 47	46	0. 55
12. —	4. 23	47	0. 53
13. —	4. 3	48	0. 51
14. —	3. 45	49	0. 49
15. —	3. 30	50	0. 48
16. —	3. 17	55	0. 40
17. —	3. 4	60	0. 33
18. —	2. 54	65	0. 26
19. —	2. 44	70	0. 21
20. —	2. 35	75	0. 15
21. —	2. 27	80	0. 10
22. —	2. 20	85	0. 5
23. —	2. 14	90	0. 0
24. —	2. 7		
25. —	2. 2		
26. —	1. 56		
27. —	1. 51		
28. —	1. 47		
29. —	1. 42		

Tabelle H.

Neigungswinkel des erhöheten Auges.

Aug. Höhe Fuß	M. S.	Aug. Höhe Fuß	M. S.
1	1. 0		
2	1. 25	31	5. 34
3	1. 44	32	5. 40
4	2. 0	33	5. 45
5	2. 15	34	5. 50
6	2. 27		
7	2. 39	35	5. 55
8	2. 50	36	6. 0
9	3. 0	37	6. 5
10	3. 10	38	6. 10
11	3. 19	39	6. 15
12	3. 28	40	6. 20
13	3. 36	50	7. 4
14	3. 45	60	7. 45
15	3. 53	70	8. 22
16	4. 0	80	8. 56
17	4. 7	90	9. 29
18	4. 14	100	10. 0
19	4. 21	200	14. 12
20	4. 28	300	17. 24
21	4. 35	400	20. 0
22	4. 42	500	22. 30
23	4. 48	600	24. 30
24	4. 54	700	26. 30
25	5. 0	800	28. 18
26	5. 6	900	30. 0
27	5. 12	1000	31. 35
28	5. 18		
29	5. 23		
30	5. 29		

M	Sinus.		Tangens.		Secans.		M
1	29	100000	29	343774667	100000	343774682	59
2	58	100000	58	171887319	100000	171887348	58
3	87	100000	87	114591530	100000	114501574	57
4	116	100000	116	85943630	100000	85943689	56
5	145	100000	145	68754887	100000	68754960	55
6	175	100000	175	57295721	100000	57295809	54
7	204	100000	204	49110600	100000	49110702	53
8	233	100000	233	42971757	100000	42971873	52
9	262	100000	262	38197099	100000	38197230	51
10	291	100000	291	34377371	100000	34377516	50
11	320	99999	320	31252137	100001	31252297	49
12	449	99999	349	28647773	100001	28647948	48
13	378	99999	378	26444080	100001	26444269	47
14	407	99999	407	24555198	100001	24555402	46
15	436	99999	436	22918166	100001	22918385	45
16	465	99999	465	21485762	100001	21485995	44
17	495	99999	495	20221875	100001	20222122	43
18	524	99999	524	19098419	100001	19098680	42
19	553	99998	553	18093220	100002	18093496	41
20	582	99998	582	17188540	100002	17188831	40
21	611	99998	611	16370019	100002	16370325	39
22	640	99998	640	15625908	100002	15626228	38
23	669	99998	669	14946502	100002	14946837	37
24	698	99998	698	14323712	100002	14324061	36
25	727	99997	727	13750745	100003	13751108	35
26	756	99997	756	13221851	100003	13222229	34
27	785	99997	785	12732134	100003	12732526	33
28	814	99997	815	12277396	100003	12277803	32
29	844	99996	844	11854018	100004	11854440	31
30	873	99996	873	11458865	100004	11459301	30
31	902	99996	902	11089205	100004	11089656	29
32	931	99996	931	10742648	100004	10743114	28
33	960	99995	960	10417094	100005	10417574	27
34	989	99995	989	10110690	100005	10111185	26
35	1018	99995	1018	9821794	100005	9822303	25
36	1047	99995	1047	9548948	100005	9549471	24
37	1076	99994	1076	9290849	100006	9291387	23
38	1105	99994	1105	9046334	100006	9046886	22
39	1134	99994	1135	8814357	100006	8814924	21
40	1164	99993	1164	8593979	100007	8594561	20
41	1193	99993	1193	8384351	100007	8384947	19
42	1222	99993	1222	8184704	100007	8185315	18
43	1251	99992	1251	7994343	100008	7994968	17
44	1280	99992	1280	7812634	100008	7813274	16
45	1309	99991	1309	7639001	100009	7639655	15
46	1338	99991	1338	7472917	100009	7473586	14
47	1367	99991	1367	7313899	100009	7314583	13
48	1396	99990	1396	7161507	100010	7162205	12
49	1425	99990	1425	7015335	100010	7016047	11
50	1454	99989	1455	6875009	100011	6875736	10
51	1483	99989	1484	6740185	100011	6740927	9
52	1513	99989	1513	6610547	100011	6611304	8
53	1542	99988	1542	6485801	100012	6486572	7
54	1571	99988	1571	6365674	100012	6366460	6
55	1600	99987	1600	6249915	100013	6250715	5
56	1629	99987	1629	6138291	100013	6139105	4
57	1658	99986	1658	6030582	100014	6031411	3
58	1687	99986	1687	5926587	100014	5927431	2
59	1716	99985	1716	5826117	100015	5826975	1
60	1745	99985	1764	5728996	100015	5729869	0

0 Grad.

89 Grad.

M	Sinus.		Tangens.		Secans.		M
1	1874	99984	1775	5635059	100016	5685946	59
2	1703	99984	1804	5544152	100016	5545953	58
3	1832	99983	1833	5456130	100017	5457046	57
4	1862	99983	1862	5370859	100017	5371790	56
5	1891	99982	1891	5288211	100018	5289156	55
6	1920	99982	1920	5208067	100018	5209027	54
7	1949	99981	1949	5130316	100019	5131290	53
8	1978	99980	1978	5054851	100020	5055840	52
9	2007	99980	2007	4981573	100020	4982576	51
10	2036	99979	2037	4910388	100021	4911406	50
11	2065	99979	2066	4841208	100021	4842241	49
12	2094	99978	2095	4773950	100022	4774997	48
13	2123	99977	2124	4708534	100023	4709596	47
14	2152	99977	2153	4644886	100023	4645963	46
15	2181	99976	2182	4582935	100024	4584026	45
16	2211	99976	2211	4522614	100024	4523719	44
17	2240	99975	2240	4463860	100025	4464980	43
18	2269	99974	2269	4406611	100026	4407746	42
19	2298	99974	2298	4350812	100026	4351961	41
20	2327	99973	2328	4296408	100027	4297571	40
21	2356	99972	2357	4243346	100028	4244525	39
22	2385	99972	2386	4191579	100028	4192772	38
23	2414	99971	2415	4141059	100029	4142266	37
24	2443	99970	2444	4091741	100030	4092963	36
25	2472	99969	2473	4043584	100031	4044820	35
26	2501	99969	2502	3996546	100031	3997797	34
27	2530	99968	2531	3950589	100032	3951855	33
28	2560	99967	2560	3905677	100033	3906957	32
29	2589	99966	2589	3861774	100034	3863068	31
30	2618	99966	2619	3818846	100034	3820155	30
31	2647	99965	2648	3776861	100035	3778185	29
32	2676	99964	2677	3735789	100036	3737127	28
33	2705	99963	2706	3695600	100037	3696953	27
34	2734	99963	2735	3656266	100037	3657633	26
35	2763	99962	2764	3617760	100038	3619141	25
36	2792	99961	2793	3580055	100039	3581452	24
37	2821	99960	2822	3543128	100040	3544539	23
38	2850	99959	2851	3506955	100041	3508380	22
39	2879	99959	2881	3471512	100041	3472952	21
40	2908	99958	2910	3436777	100042	3438232	20
41	2938	99957	2939	3402730	100043	3404199	19
42	2967	99956	2968	3369351	100044	3370835	18
43	2996	99955	2997	3336619	100045	3338118	17
44	3025	99954	3026	3304517	100046	3306030	16
45	3054	99953	3055	3273026	100047	3274554	15
46	3083	99952	3084	3242129	100048	3243671	14
47	3112	99952	3114	3211810	100048	3213366	13
48	3141	99951	3143	3182052	100049	3183623	12
49	3170	99950	3172	3152839	100050	3154425	11
50	3199	99949	3201	3124158	100051	3125758	10
51	3228	99948	3230	3095993	100052	3097607	9
52	3257	99947	3259	3069331	100053	3069960	8
53	3286	99946	3288	3041158	100054	3042802	7
54	3316	99945	3317	3014462	100055	3016120	6
55	3345	99944	3346	2988230	100056	2989903	5
56	3374	99943	3376	2962450	100057	2964137	4
57	3403	99942	3405	2937111	100058	2938812	3
58	3432	99941	3434	2912200	100059	2913917	2
59	3461	99940	3463	2887709	100060	2889440	1
60	3490	99939	3492	2863625	100061	2865371	0

I Grad.

88 Grad.

2 Grad.

M	Sinus		Tangens.		Secans.		M
1	3519	99938	3521	2839940	100062	2841700	59
2	3548	99937	3550	2816642	100063	2818417	58
3	3577	99936	3579	2793723	100064	2795512	57
4	3606	99935	3609	2771174	100065	2772978	56
5	3635	99934	3638	2,48985	100066	2750804	55
6	3664	99933	3667	2727149	100067	2728981	54
7	3693	99932	3696	2705656	100068	2707503	53
8	3723	99931	3725	2684498	100069	2686360	52
9	3752	99930	3754	2663669	100070	2665545	51
10	3781	99929	3783	2643160	100072	2645051	50
11	3810	99927	3812	2622964	100073	2624869	49
12	3839	99928	3842	2603074	100074	2604994	48
13	3868	99925	3871	2583482	100075	2585417	47
14	3897	99924	3900	2564183	100076	2566132	46
15	3926	99923	3929	2545170	100077	2547134	45
16	3955	99922	3958	2526436	100078	2528414	44
17	3984	99921	3987	2507976	100079	2509969	43
18	4013	99919	4016	2489783	100081	2491790	42
19	4042	99918	4046	2471851	100082	2473873	41
20	4071	99917	4075	2454176	100083	2456212	40
21	4100	99916	4104	2436751	100084	2438802	39
22	4129	99915	4133	2419571	100085	2421637	38
23	4159	99913	4162	2402632	100087	2404712	37
24	4188	99912	4191	2385928	100088	2388022	36
25	4217	99911	4220	2369454	100089	2371563	35
26	4246	99910	4250	2353205	100090	2355329	34
27	4275	99909	4279	2337178	100091	2339316	33
28	4304	99907	4308	2321367	100093	2323520	32
29	4333	99906	4337	2305768	100094	2307935	31
30	4362	99905	4366	2290377	100095	2292559	30
31	4391	99904	4395	2275189	100097	2277386	29
32	4420	99902	4424	2260201	100098	2262413	28
33	4449	99901	4454	2245410	100099	2247635	27
34	4478	99900	4483	2230810	100100	2233050	26
35	4507	99898	4512	2216398	100102	2218653	25
36	4536	99897	4541	2202171	100103	2204440	24
37	4565	99896	4570	2188125	100104	2190409	23
38	4594	99894	4599	2174257	100106	2176555	22
39	4623	99893	4628	2160563	100107	2162876	21
40	4653	99892	4658	2147040	100108	2149368	20
41	4682	99890	4687	2133685	100110	2136027	19
42	4711	99889	4716	2120495	100111	2122852	18
43	4740	99888	4745	2107466	100113	2109838	17
44	4769	99886	4774	2094597	100114	2096982	16
45	4798	99885	4803	2081883	100115	2084283	15
46	4827	99883	4833	2069322	100117	2071737	14
47	4856	99882	4862	2056911	100118	2059341	13
48	4885	99881	4891	2044649	100120	2047093	12
49	4914	99879	4920	2032531	100121	2034989	11
50	4943	99878	4949	2020555	100122	2023028	10
51	4972	99876	4978	2008720	100124	2011208	9
52	5001	99875	5007	1997022	100125	1999524	8
53	5030	99873	5037	2987459	100127	1987976	7
54	5059	99872	5066	1974029	100128	1976560	6
55	5088	99870	5095	1962730	100130	1965275	5
56	5117	99869	5124	1951508	100131	1954119	4
57	5146	99867	5153	1940513	100133	1943088	3
58	5176	99866	5182	1929592	100134	1932182	2
59	5205	99864	5212	1918793	100136	1921397	1
60	5234	69863	5241	1908114	100137	1910732	0

87 Grad.

M	Sinus.		Tangens.		Secans		M
1	5263	99861	5270	1897552	100139	1900185	59
2	5292	99860	5299	1887107	100140	1889755	58
3	5321	99858	5328	1876775	100142	1879438	57
4	5359	99857	5357	1866556	100143	1869233	56
5	5379	99855	5387	1856447	100145	1859139	55
6	5408	99854	5416	1846447	100147	1849153	54
7	5437	99852	5445	1836554	100148	1839274	53
8	5466	99851	5474	1826765	100150	1829500	52
9	5495	99849	5503	1817081	100151	1819830	51
10	5524	99847	5533	1807498	100153	1810262	50
11	5553	99846	5562	1798015	100155	1800794	49
12	5582	99844	5591	1788631	100156	1791424	48
13	5611	99842	5620	1779344	100158	1782152	47
14	5640	99841	5649	1770153	100159	1772975	46
15	5669	99839	5678	1761056	100161	1763893	45
16	5698	99838	5708	1752052	100163	1754903	44
17	5727	99436	5737	1743139	100164	1746005	43
18	5756	99834	5766	1734315	100166	1737196	42
19	5785	99833	5795	1725581	100168	1728476	41
20	5814	99831	5824	1716934	100169	1719843	40
21	5844	99829	5854	1708372	100171	1711297	39
22	5873	99827	5883	1699896	100173	1702835	38
23	5902	99826	5912	1691503	100175	1694456	37
24	5931	99824	5941	1683191	100176	1686159	36
25	5960	99822	5970	1674961	100178	1677944	35
26	5989	99821	5999	1666811	100180	1669808	34
27	6018	99819	6029	1658740	100182	1661751	33
28	6047	99817	6058	1650746	100183	1653772	32
29	6076	99815	6087	1642828	100185	1645869	31
30	6105	99813	6116	1634986	100187	1638041	30
31	6134	99812	6145	1627217	100189	1630287	29
32	6163	99810	6175	1619523	100190	1622607	28
33	6192	99808	6204	1611900	100192	1614999	27
34	6221	99806	6233	1604348	100194	1607462	26
35	6250	99804	6262	1596867	100196	1599995	25
36	6279	99803	6291	1589454	100198	1592597	24
37	6308	99801	6321	1582110	100200	1585268	23
38	6337	99799	6350	1574834	100201	1578005	22
39	6366	99797	6379	1567623	100203	1570810	21
40	6395	99795	6408	1560478	100205	1563679	20
41	6424	99793	6438	1553398	100207	1556613	19
42	6453	99792	6467	1546381	100209	1549611	18
43	6482	99790	6496	1539428	100211	1542672	17
44	6511	99788	6525	1532536	100213	1535795	16
45	6540	99786	6554	1525705	100215	1528979	15
46	6569	99784	6584	1518935	100216	1522223	14
47	6598	99782	6613	1512224	100218	1515527	13
48	6627	99780	6642	1505572	100220	1508890	12
49	6656	99778	6671	1498978	100222	1502310	11
50	6685	99776	6700	1492442	100224	1495788	10
51	6714	99774	6730	1485962	100226	1489323	9
52	6743	99772	6759	1479537	100228	1482913	8
53	6773	99770	6788	1473168	100230	1476558	7
54	6802	99768	6817	1466853	100232	1470258	6
55	6831	99766	6847	1460592	100234	1464011	5
56	6860	99764	6876	1454383	100236	1457817	4
57	6889	99762	6905	1448227	100238	1451677	3
58	6918	99760	6934	1442123	100240	1445586	2
59	6947	99758	6963	1436070	100242	1439547	1
60	6976	99756	6993	1430067	100244	1433559	0

3 Grad.

86 Grad.

4 Grad.

M	Sinus.		Tangens.		Secans.		M
1	7005	99754	7022	1424113	100246	1427620	59
2	7034	99752	7051	1418209	100248	1421730	58
3	7063	99750	7080	1412354	100250	1415889	57
4	7092	99748	7110	1406546	100252	1410096	56
5	7121	99746	7139	1400786	100254	1404350	55
6	7150	99744	7168	1395072	100257	1398651	54
7	7179	99742	7197	1389405	100259	1392999	53
8	7208	99740	7227	1383783	100261	1387391	52
9	7237	99738	7256	1378206	100263	1381829	51
10	7266	99736	7285	1372674	100265	1376311	50
11	7295	99734	7314	1367186	100267	1370838	49
12	7324	99731	7344	1361741	100269	1365408	48
13	7353	99729	7373	1356339	100271	1360021	47
14	7382	99727	7402	1350980	100274	1354676	46
15	7411	99725	7431	1345663	100276	1349373	45
16	7440	99723	7461	1340387	100278	1344112	44
17	7469	99721	7490	1335152	100280	1338891	43
18	7498	99719	7519	1329957	100282	1333712	42
19	7527	99716	7548	1324803	100284	1328572	41
20	7556	99714	7578	1319688	100287	1323472	40
21	7585	99712	7607	1314613	100289	1318411	39
22	7614	99710	7636	1309576	100291	1313388	38
23	7643	99708	7665	1304577	100293	1308404	37
24	7672	99704	7695	1299616	100296	1303458	36
25	7701	99703	7724	1294692	100298	1298549	35
26	7730	99701	7753	1289806	100300	1293677	34
27	7759	99699	7782	1284956	100202	1288841	33
28	7788	99696	7812	1280142	100305	1284042	32
29	7817	99694	7841	1275363	100307	1279278	31
30	7846	99692	7870	1270620	100309	1274549	30
31	7875	99689	7899	1265912	100312	1269856	29
32	7904	99687	7929	1261239	100314	1265197	28
33	7933	99685	7958	1256600	100316	1260572	27
34	7962	99683	7987	1251994	100318	1255981	26
35	7991	99680	8017	1247422	100321	1251424	25
36	8020	99678	8046	1242883	100323	1246900	24
37	8049	99676	8075	1238377	100326	1242408	23
38	8078	99673	8104	1233903	100328	1237948	22
39	8107	99671	8134	1229461	100330	1233521	21
40	8136	99668	8163	1225051	100333	1229125	20
41	8165	99666	8192	1220672	100335	1224761	19
42	8194	99664	8222	1216324	100337	1220427	18
43	8223	99661	8251	1212006	100340	1216125	17
44	8252	99659	8280	1207719	100342	1211852	16
45	8281	99657	8309	1203162	100345	1207610	15
46	8310	99654	8339	1199235	100347	1203397	14
47	8339	99652	8368	1195037	100350	1199214	13
48	8368	99649	8397	1190868	100352	1195059	12
49	8397	99647	8427	1186728	100354	1190934	11
50	8426	99644	8456	1182617	100357	1186837	10
41	8455	99642	8485	1178533	100359	1182768	9
52	8484	99639	8514	1174478	100362	1178727	8
53	8513	99637	8544	1170450	100364	1174714	7
54	8542	99635	8573	1166450	100367	1170728	6
55	8571	99632	8602	1162476	100369	1166769	5
56	8600	99630	8632	1158529	100372	1162837	4
57	8629	99627	8661	1154609	100374	1158932	3
58	8658	99625	8690	1150715	100377	1155052	2
59	8687	99622	8720	1146847	100379	1151199	1
60	8716	99619	8749	1143005	100382	1147371	0

85 Grad.

5 Grad.

M	Sinus.		Tangens.		Secans.		M
1	8745	99617	8778	1139188	100385	1143569	59
2	8774	99614	8807	1135397	100387	1139792	58
3	8803	99612	8837	1131630	100390	1136040	57
4	8831	99609	8866	1127889	100392	1132313	56
5	8860	99607	8895	1124171	100395	1128610	55
6	8889	99609	8925	1120478	100397	1124932	54
7	8918	99602	8954	1116809	100400	1121277	53
8	8947	99599	8983	1113164	100403	1117646	52
9	8976	99596	9013	1109542	100405	1114039	51
10	9005	99594	9042	1105943	100408	1110455	50
11	9034	99591	9071	1102368	100411	1106894	49
12	9063	99588	9101	1098815	100413	1103356	48
13	9092	99586	9130	1095285	100416	1099841	47
14	9121	99583	9159	1091777	100419	1096348	46
15	9150	99580	9189	1088292	100421	1092877	45
16	9179	99578	9218	1084829	100424	1089428	44
17	9208	99575	9247	1081387	100427	1086001	43
18	9237	99572	9277	1077967	100429	1082596	42
19	9266	99570	9306	1074569	100432	1079212	41
20	9295	99567	9335	1071191	100435	1075849	40
21	9324	99564	9365	1067835	100438	1072507	39
22	9353	99562	9394	1064499	100440	1069186	38
23	9382	99559	9423	1061184	100443	1065885	37
24	9411	99556	9453	1057890	100446	1062605	36
25	9440	99553	9482	1054615	100449	1059346	35
26	9469	99551	9511	1051361	100451	1056106	34
27	9498	99548	9541	1048126	100454	1052886	33
28	9527	99545	9570	1044911	100457	1049685	32
29	9556	99542	9600	1041716	100460	1046505	31
30	9585	99540	9629	1038540	100463	1043343	30
31	9614	99537	9658	1035383	100465	1040201	29
32	9642	99534	9688	1032245	100468	1037077	28
33	9671	99531	9717	1029126	100471	1033973	27
34	9700	99528	9746	1026025	100474	1030887	26
35	9729	99526	9776	1022943	100477	1027819	25
36	9758	99523	9805	1019879	100480	1024770	24
32	9787	99520	9834	1016833	100482	1021739	23
38	9816	99517	9864	1013805	100485	1018725	22
39	9845	99514	9893	1010795	100488	1015730	21
40	9874	99511	9923	1007803	100491	1012752	20
41	9903	99508	9952	1004828	100494	1009792	19
42	9932	99506	9981	1001871	100497	1006849	18
43	9961	99503	10011	998931	100500	1003623	17
44	9990	99500	10040	996007	100503	1001015	16
45	10019	99497	10069	993101	100506	998123	15
46	10048	99494	10099	990211	100509	995248	14
47	10077	99491	10128	987338	100512	992389	13
48	10106	99488	10158	984482	100515	989547	12
49	10135	99485	10187	981641	100518	986722	11
50	10164	99432	10216	978817	100521	983912	10
51	10192	99479	10246	976009	100524	981119	9
52	10221	99476	10275	973217	100527	978341	8
53	10250	99473	10305	970441	100530	975579	7
54	10279	99470	10334	967680	100533	972833	6
55	10308	99467	10363	964935	100536	970103	5
56	10337	99464	10393	962205	100539	967387	4
57	10366	99461	10422	959490	100542	964687	3
58	10395	99458	10452	956791	100545	962002	2
59	10424	99455	10481	954106	100548	959332	1
60	10453	99452	10510	951436	100551	956677	0

84 Grad.

6 Grad.

M	Sinus.		Tangens		Secans.		M
1	10482	99449	10540	948781	100554	954537	59
2	10511	99446	10569	946141	100557	951411	58
3	10540	99443	10599	943515	100560	948800	57
4	10569	99440	10628	940904	100563	946203	56
5	10597	99437	10658	938307	100566	943620	55
6	10626	99434	10687	935724	100569	941052	54
7	10655	99431	10716	933155	100573	938497	53
8	10684	99428	10746	930599	100576	935957	52
9	10713	99424	10775	928058	100579	933430	51
10	10742	99421	10805	925530	100582	930917	50
11	10771	99418	10834	923016	100585	928417	49
12	10800	99415	10863	920516	100588	925931	48
13	10829	99412	10893	918028	100592	923459	47
14	10858	99409	10922	915554	100595	920999	46
15	10887	99406	10952	913093	100598	918553	45
16	10916	99402	10981	910646	100601	916120	44
17	10945	99399	11011	908211	100604	913699	43
18	10973	99396	11040	905789	100608	911292	42
19	11002	99393	11070	903379	100611	908897	41
20	11031	99390	11099	900983	100614	906515	40
21	11060	99386	11128	898598	100617	904146	39
22	11089	99383	11158	896227	100621	901788	38
23	11118	99380	11187	893867	100624	899444	37
24	11147	99377	11217	891520	100627	897111	36
25	11176	99374	11246	889185	100630	894791	35
26	11205	99370	11276	886862	100634	892482	34
27	11234	99367	11305	884551	100637	890186	33
28	11263	99364	11335	882252	100640	887901	32
29	11291	99360	11364	879964	100644	885628	31
30	11320	99357	11394	877689	100647	883367	30
31	11349	99354	11423	875425	100650	881118	29
32	11378	99351	11453	873172	100654	878880	28
33	11407	99347	11482	870931	100657	876653	27
34	11436	99344	11511	868701	100660	874 8	26
35	11465	99341	11541	866482	100664	872234	25
36	11494	99337	11570	864275	100667	870041	24
37	11523	99334	11600	862078	100671	867859	23
38	11552	99331	11629	859893	100674	865688	22
39	11580	99327	11659	857718	100677	863528	21
40	11609	99324	11688	855555	100681	861379	20
41	11638	99320	11718	853402	100684	859241	19
42	11667	99317	11747	851259	100688	857113	18
43	11696	99314	11777	849128	100691	854996	17
44	11725	99310	11806	847007	100695	852889	16
45	11754	99307	11836	844896	100698	850793	15
46	11783	99303	11865	842795	100701	848707	14
47	11812	99300	11895	840705	100705	846632	13
48	11840	99297	11924	838625	100708	844566	12
49	11869	99293	11954	836555	100712	842511	11
50	11898	99290	11983	834496	100715	840466	10
51	11927	99286	12013	832446	100719	838431	9
52	11956	99283	12042	830406	100722	836405	8
53	11985	99279	12072	828376	100726	834390	7
54	12014	99276	12101	826355	100730	832384	6
55	12043	99272	12131	824345	100733	830388	5
56	12071	99269	12160	822344	100737	828402	4
57	12100	99265	12190	820352	100740	826425	3
58	12129	99262	12219	818370	100744	824457	2
59	12158	99258	12249	816398	100747	822500	1
60	12187	99255	12278	814435	100751	820551	0

83 Grad.

7 Grad.

M	Sinus.		Tangens.		Secans.		M
1	12216	99251	12308	812481	100755	818612	59
2	12245	99248	12338	810536	100758	816681	58
3	12274	99244	12367	808600	100762	814760	57
4	12302	99240	12397	806674	100765	812849	56
5	12331	99237	12426	804756	100769	810946	55
6	12360	99233	12451	802848	100773	809052	54
7	12389	99230	12485	800948	100776	807167	53
8	12418	99226	12515	799058	100780	805291	52
9	12447	99222	12544	797176	100784	803423	51
10	12476	99219	12574	795302	100787	801565	50
11	12504	99215	12603	793438	100791	799714	49
12	12533	99211	12633	791582	100795	797873	48
13	12562	99208	12662	789734	100799	796040	47
14	12591	99204	12692	787895	100802	794216	46
15	12620	99200	12722	786064	100806	792400	45
16	12649	99197	12751	784242	100810	790592	44
17	12678	99193	12781	782428	100813	788792	43
18	12706	99189	12810	780622	100717	787001	42
19	12735	99186	12840	778825	100821	785218	41
20	12764	99182	12869	777035	100825	783443	40
21	12793	99178	12899	775254	100828	781677	39
22	12822	99175	12929	773480	100832	779918	38
23	12851	99171	12958	771715	100836	778167	37
24	12880	99167	12988	769957	100840	776424	36
25	12908	99163	13017	768208	100844	774689	35
26	12937	99160	13047	766466	100848	772962	34
27	12966	99156	13076	764732	100851	771242	33
28	12995	99152	13106	763005	100855	769530	32
29	13024	99148	13136	761287	100859	767826	31
30	13053	99144	13165	759575	100863	766130	30
31	13081	99141	13195	757872	100867	764441	29
32	13110	99137	13224	756176	100871	762759	28
33	13139	99133	13254	754487	100875	761085	27
34	13168	99129	13284	752806	100878	759418	26
35	13197	99125	13313	751132	100882	757759	25
36	13226	99122	13343	749465	100886	756107	24
37	13254	99118	13372	747806	100890	754462	23
38	13283	99114	13402	746154	100894	752825	22
39	13312	99110	13432	744509	100898	751194	21
40	13341	99106	13461	742871	100902	749571	20
41	13370	99102	13491	741240	100906	747955	19
42	13399	99098	13521	739616	100910	746346	18
43	13427	99094	13550	737999	100914	744743	17
44	13456	99091	13580	736389	100918	743148	16
45	13485	99087	13609	734786	100922	741560	15
46	13514	99083	13639	733190	100926	739978	14
47	13543	99079	13669	731600	100930	738403	13
48	13572	99075	13698	730018	100934	736835	12
49	13600	99071	13728	728442	100938	735274	11
50	13129	99067	13758	726873	100942	733719	10
51	13658	99063	13787	725310	100949	732171	9
52	13687	99059	13817	723754	100950	730630	8
53	13716	99055	13847	722204	100954	729095	7
54	13744	99051	13876	720661	100958	727566	6
55	13773	99047	13906	719125	100962	726044	5
56	13802	99043	13935	717594	100966	724526	4
57	13831	99039	13965	716071	100970	723019	3
58	13866	99035	13995	714553	100975	721517	2
59	13889	99031	14024	713042	100979	720020	1
60	13917	99027	14054	711537	100983	718530	0

82 Grad.

8 Grad.

M	Sinus		Tangens		Secans		M
1	13944	99023	14084	710038	100987	717046	59
2	13975	99019	14113	708546	100991	715568	58
3	14004	99015	14143	707059	100995	714096	57
4	14033	99011	14173	705579	100999	712630	56
5	14061	99006	14202	704105	101004	711171	55
6	14090	99002	14232	702637	101008	709717	54
7	14119	98998	14262	701174	101012	708269	53
8	14148	98994	14291	699718	101016	706828	52
9	14177	98990	14321	698268	101020	705392	51
10	14205	98986	14351	695823	101024	703962	50
11	14234	98982	14381	695385	101029	702538	49
12	14263	98978	14410	693952	101033	701120	48
13	14292	98973	14440	692525	101037	699708	47
14	14320	98969	14470	691104	101041	698301	46
15	14349	98965	14499	689688	101046	696900	45
16	14378	98961	14529	688278	101050	695505	44
17	14407	98957	14559	686874	101054	694115	43
18	14436	98953	14588	685475	101059	692731	42
19	14464	98948	14618	684082	101063	691352	41
20	14493	98944	14648	682694	101067	689979	40
21	14522	98940	14678	681312	101071	688612	39
22	14551	98936	14707	679936	101076	687250	38
23	14580	98931	14737	678564	101080	685893	37
24	14608	98927	14767	677199	101084	684542	36
25	14637	98923	14796	675838	101089	683196	35
26	14666	98919	14826	674483	101093	681856	34
27	14695	98914	14856	673133	101097	680521	33
28	14723	98910	14886	671789	101102	679191	32
29	14752	98906	14915	670450	101106	677866	31
30	14781	98902	14945	669116	101111	676547	30
31	14810	98897	14675	667787	101115	675233	29
32	14838	98893	15005	666463	101119	673924	28
33	14867	98889	15034	665144	101124	672620	27
34	14896	98884	15064	663831	101128	671321	28
35	14925	98880	15094	662523	101133	970027	25
36	14954	98876	15124	661219	101137	668738	24
37	14982	98871	15153	659921	101142	667454	23
38	15011	98867	15183	158627	101146	666176	22
39	15040	98863	15213	657339	101151	664902	21
40	15069	98858	15243	656055	101155	663633	20
41	15097	98854	15272	654777	101160	662369	19
42	15126	98849	15302	653503	101164	661110	18
43	15155	98845	15332	652234	101169	659855	17
44	15184	98841	15362	650970	101173	658606	16
45	15212	98836	15391	649710	101178	657361	15
46	15241	98832	15421	648456	101182	656121	14
47	15270	98827	15451	647206	101187	654886	13
48	15299	98823	15581	645961	101191	653655	12
49	15327	98818	15511	644720	101196	652429	11
50	15356	98814	15540	643484	101200	651208	10
51	15385	98809	15570	642253	101205	649991	9
52	15414	98805	15600	641026	101209	648779	8
53	15442	98800	15630	639804	101214	647572	7
54	15471	98796	15660	638587	101219	646369	6
55	15500	98791	15689	637374	101223	645171	5
56	15529	98787	15719	636165	101228	643977	4
57	1555[illegible]	98782	15749	634961	101233	642787	3
58	15586	98778	15779	633761	101237	641602	2
59	15615	98773	15809	632566	101242	640422	1
60	15643	98769	15838	631375	101247	639245	0

81 Grad.

M	Sinus		Tangens		Secans		M
1	15672	98764	15868	630189	101251	638073	59
2	15701	98760	15898	629007	101256	636906	58
3	15730	98755	15928	627829	101261	635743	57
4	15758	98751	15958	626655	101265	634584	56
5	15787	98746	15988	625486	101270	633429	55
6	15816	98741	16017	624321	101275	632279	54
7	15845	98737	16047	623160	101279	631133	53
8	15873	98732	16077	622003	101284	629991	52
9	15902	98728	16107	620851	101289	628853	51
10	15931	98723	16137	619703	101294	627719	50
11	15959	98718	16167	618559	101298	626590	49
12	15988	98714	16196	617419	101303	625464	48
13	16017	98709	16226	616283	101308	624343	47
14	16046	98704	16256	615151	101313	623226	46
15	16074	98700	16286	614023	101318	622113	45
16	16103	98695	16316	612899	101322	621004	44
17	16132	98690	16346	611779	101327	629898	43
18	16160	98686	16376	610664	101332	628797	42
19	16189	98681	16406	609552	101337	617700	41
20	16218	98676	16435	608444	101342	616607	40
21	16247	98671	16465	607340	101346	615517	39
22	16275	98667	16495	606240	101351	614432	38
23	16304	98662	16525	605143	101356	613350	37
24	16333	98657	16555	604051	101361	612273	36
25	16361	98652	16585	602962	101366	611199	35
26	16390	98648	16615	601878	101371	610129	34
27	16419	98643	16645	600797	101376	609062	33
28	16447	98638	16674	599720	101381	608000	32
29	16476	98633	16704	598646	101386	606941	31
30	16505	98629	16734	597576	101391	605886	30
31	16533	98624	16764	596510	101395	604834	29
32	16562	98619	16794	595448	101400	603787	28
33	16591	98614	16824	594390	101405	602743	27
34	16620	98609	16854	593335	101410	601704	26
35	16648	98604	16884	592283	101415	690666	25
36	16677	98600	16914	591236	101420	599633	24
37	16706	98595	16944	590191	101425	598603	23
38	16734	98590	16974	589151	101430	597577	22
39	16763	98585	17004	588114	101435	596555	21
40	16792	98580	17033	587080	101440	595536	20
41	16820	98575	17063	586051	101445	594521	19
42	16849	98570	17093	585024	101450	593509	18
43	16878	98565	17123	584001	101455	592501	17
44	16906	98561	17153	582982	101461	591496	16
45	16935	98556	17183	581966	101466	590495	15
46	16964	98551	17213	580953	101471	589497	14
47	16992	98546	17243	579944	101476	588502	13
48	17021	98541	17273	578938	101481	587511	12
49	17050	98536	17303	577936	101486	586524	11
50	17078	98531	17333	576937	101491	585539	10
51	17107	98526	17363	575941	101496	584558	9
52	17136	98521	17393	574949	101501	583581	8
53	17164	98516	17423	573960	101506	582606	7
54	17193	98511	17453	572974	101512	581635	6
55	17222	98506	17483	571992	101517	580667	5
56	17250	98501	17513	571013	101522	579703	4
57	17279	98496	17543	570037	101527	578742	3
58	17308	98491	17573	569064	101532	577784	2
59	17336	98486	17603	568094	101537	576829	1
60	17365	98481	17633	567128	101543	575877	0

9 Grad.

80 Grad.

10 Grad.

M	Sinus		Tangens		Secans		M
1	17393	98476	17663	566165	101548	574929	59
2	17422	98471	17693	565205	101553	573983	58
3	17451	98466	17723	564248	101558	573041	57
4	17479	98461	17753	563295	101564	572102	56
5	17508	98455	17783	562344	101569	571166	55
6	17537	98450	17813	561397	101574	570234	54
7	17565	98445	17843	560452	101579	569304	53
8	17594	98440	17873	559511	101585	568377	52
9	17623	98435	17903	558573	101590	567454	51
10	17651	98430	17933	557638	101595	566533	50
11	17680	98425	17963	556706	101601	565616	49
12	17708	98420	17993	555777	101606	564701	48
13	17737	98414	18023	554851	101611	563790	47
14	17766	98409	18053	553927	101616	562881	46
15	17794	98404	18083	553007	101622	561976	45
16	17823	98399	18113	552090	101627	561073	44
17	17852	98394	18143	551176	101633	560174	43
18	17880	98389	18173	550264	101638	559277	42
19	17909	98383	18203	549356	101643	558383	41
20	17937	98378	18233	548451	101649	557493	40
21	17966	98373	18263	547548	101654	556605	39
22	17995	98368	18293	546648	101659	555720	38
23	18023	98362	18323	545751	101665	554837	37
24	18052	98357	18353	544857	101670	553958	36
25	18081	98352	18384	543966	101676	553081	35
26	18109	98347	18414	543078	101681	552208	34
27	18138	98341	18444	542192	101687	551337	33
28	18166	98336	18474	541309	101692	550468	32
29	18195	98331	18504	540429	101698	549603	31
30	18224	98325	18534	539552	101703	548740	30
31	18252	98320	18564	538677	101709	547881	29
32	18281	98315	18594	537805	101714	547023	28
33	18309	98310	18624	536936	101720	546169	27
34	18338	98304	18654	536070	101725	545317	26
35	18367	98299	18684	535206	101731	544468	25
36	18395	98294	18714	534345	101736	543622	24
37	18424	98288	18745	533487	101742	542778	23
38	18452	98283	18775	532631	101747	541937	22
39	18481	98277	18805	531778	101753	541099	21
40	18509	98272	18835	530928	101758	540263	20
41	18538	98267	18865	530080	101764	539430	19
42	18567	98261	18895	529235	101769	538600	18
43	18595	98256	18925	528393	101775	537772	17
44	18624	98250	18955	527553	101781	536947	16
45	18652	98245	18986	526715	101786	536124	15
46	18681	98240	19016	525880	101792	535304	14
47	18710	98234	19046	525048	101798	534486	13
48	18738	98229	19076	524218	101803	533671	12
49	18767	98223	19106	523391	101809	532859	11
50	18795	98218	19136	522566	101815	532049	10
51	18824	98212	19166	521744	101820	531241	9
52	18852	98207	19197	520925	101826	530436	8
53	18881	98201	19227	520107	101832	529634	7
54	18910	98196	19257	519293	101837	528833	6
55	18938	98190	19287	518480	101843	528036	5
56	18967	98185	19317	517671	101849	527241	4
57	18995	98179	19347	516863	101854	526448	3
58	19024	98174	19378	516058	101860	525658	2
59	19052	98168	19408	515256	101866	524870	1
60	19081	98163	19438	514455	101872	524084	0

79 Grad.

11 Grad.

M	Sinus		Tangens		Secans		M
1	19109	98157	19468	513658	101877	523301	59
2	19138	98152	19498	512862	101883	522521	58
3	19167	98146	19529	512069	101889	521742	57
4	19195	98140	19559	511279	101895	520966	56
5	19224	98135	19589	510490	101901	520193	55
6	19252	98129	19619	509704	101906	519421	54
7	19281	98124	19649	508921	101912	518652	53
8	19309	98118	19680	508139	101918	517886	52
9	19338	98112	19710	507360	101924	517121	51
10	19366	98107	19740	506584	101930	516359	50
11	19395	98101	19770	505809	101936	515599	49
12	19423	98096	19801	505037	101941	514842	48
13	19452	98090	19831	504267	101947	514087	47
14	19481	98084	19861	503499	101953	513334	46
15	19509	98079	19891	502734	101959	512583	45
16	19538	98073	19921	501971	101965	511835	44
17	19566	98067	19952	501210	101971	511088	43
18	19595	98061	19982	500451	101977	510344	42
19	19623	98056	20012	499695	101983	509602	41
20	19652	98050	20042	498940	101989	508863	40
21	19680	98044	20073	498188	101995	508125	39
22	19709	98039	20103	497438	102001	507390	38
23	19737	98033	20133	496690	102007	506657	37
24	19766	98027	20164	495945	102013	505926	36
25	19794	98021	20194	495201	102019	505197	35
26	19823	98016	20224	494460	102025	504471	34
27	19851	98010	20254	493721	102031	503746	33
28	19880	98004	20285	492984	102037	503024	32
29	19908	97998	20315	492249	102043	502303	31
30	19937	97992	20345	491516	102049	501585	30
31	19965	97987	20376	490785	102055	500869	29
32	19994	97981	20406	490056	102061	500155	28
33	20022	97975	20436	489330	102067	499443	27
34	20051	97969	20466	488605	102073	498733	26
35	20079	97963	20497	487882	102079	498025	25
36	20108	97958	20527	487162	102085	497320	24
37	20136	97952	20557	486444	102091	496616	23
38	20165	97946	20588	485727	102097	495914	22
39	20193	97940	20618	485013	102103	495215	21
40	20222	97934	20648	484300	102110	494517	20
41	20250	97928	20679	483590	102116	493821	19
42	20279	97922	20709	482882	102122	493128	18
43	20307	97916	20739	482175	102128	492436	17
44	20336	97910	20770	481471	102134	491746	16
45	20364	97905	20800	480769	102140	491058	15
46	20393	97899	20830	480068	102147	490373	14
47	20421	97893	20861	479370	102153	489689	13
48	20450	97887	20891	478673	102159	489007	12
49	20478	97881	20921	477978	102165	488327	11
50	20507	97875	20952	477286	102171	487649	10
51	20535	97869	20982	476595	102178	486973	9
52	20563	97863	21013	475906	102184	486299	8
53	20592	97857	21043	475219	102190	485627	7
54	20620	97851	21073	474534	102196	484956	6
55	20649	97845	21104	473858	102203	484288	5
56	20677	97839	21134	473170	102209	483621	4
57	20706	97833	21164	472490	102215	482956	3
58	20734	97827	21195	471813	102221	482294	2
59	20763	97821	21225	471137	102228	481633	1
60	20791	97815	21256	470463	102234	480973	0

78 Grad.

12 Grad.

M	Sinus		Tangens		Secans		M
1	20820	97809	21286	469791	102240	480316	59
2	20848	97803	21316	469121	102247	479661	58
3	20877	97797	21347	468452	102253	479007	57
4	20905	97791	21377	467786	102259	478355	56
5	20933	97784	21408	467121	102266	477705	55
6	20962	97778	21438	466458	102272	477057	54
7	20990	97772	21469	465797	102279	476411	53
8	21019	97766	21499	465138	102285	475766	52
9	21047	97760	21529	464480	102291	475123	51
10	21076	47754	21560	463825	102298	474482	50
11	21104	97748	21590	463171	102304	473843	49
12	21132	97742	21621	462518	102311	473205	48
13	21161	97735	21651	461868	102317	472569	47
14	21189	97729	21682	461219	102323	471935	46
15	21218	97723	21712	460572	102330	471303	45
16	21246	97717	21743	459927	102336	470673	44
17	21275	97711	21773	459283	102343	470044	43
18	21303	97705	21804	458641	102349	479417	42
19	21331	97698	21834	458001	102356	468791	41
20	21360	97692	21864	457363	102362	468167	40
21	21388	97686	21895	456726	102369	467545	39
22	21417	97680	21925	456091	102375	466925	38
23	21445	97673	21956	455459	102382	466307	37
24	21474	97667	21986	454826	102389	465690	36
25	21502	97661	22017	454196	102395	465074	35
26	21530	97655	22047	453568	102402	464461	34
27	21559	97648	22078	452941	102408	463849	33
28	21587	97642	22108	452316	102415	463238	32
29	21616	97636	22139	451693	102421	462630	31
30	21644	97630	22169	451071	102428	462023	30
31	21672	97623	22200	450451	102435	461417	29
32	21701	97617	22231	449832	102441	460813	28
33	21729	97611	22261	449215	102449	460211	27
34	21758	97604	22292	448600	102454	459611	26
35	21786	97598	22322	447986	102461	459012	25
36	21814	97592	22353	447374	102468	458414	24
37	21843	97585	22383	446764	102474	457819	23
38	21871	97579	22414	446155	102481	457224	22
39	21899	97573	22444	445548	102488	456632	21
40	21928	97566	22475	444942	102494	456041	20
41	21956	97560	22505	444338	102501	455451	19
42	21985	97553	22536	443735	102508	454863	18
43	22013	97547	22567	443134	102515	454277	17
44	22041	97541	22597	442534	102521	453692	16
45	22070	97534	22628	441936	102529	453109	15
46	22098	97528	22658	441340	102535	452527	14
47	22126	97521	22689	440745	102542	451947	13
48	22155	97515	22719	440152	102548	451368	12
49	22183	97508	22750	439560	102555	450791	11
50	22212	97502	22781	438969	102562	450216	10
51	22240	97496	22811	438381	102569	449642	9
52	22268	97489	22842	437793	102576	449069	8
53	22297	97483	22872	437207	102582	448498	7
54	22325	97476	22903	436623	102589	447928	6
55	22353	97470	22934	436040	102596	447360	5
56	22382	97463	22964	435459	102603	446793	4
57	22410	97457	22995	434879	102610	446228	3
58	22438	97450	23026	434300	102617	445664	2
59	22467	97444	23056	433723	102624	445102	1
60	22495	97437	23087	433148	102630	444541	0

77 Grad.

13 Grad.

M	Sinus		Tangens		Secans		M
1	22523	97430	23117	432573	102637	443982	59
2	22552	97424	23148	432001	102644	443424	58
3	22580	97417	23179	431430	102651	442867	57
4	22608	97411	23209	430860	102658	442312	56
5	22637	97404	23240	430291	102665	441759	55
6	22665	97398	23271	429724	102672	441206	54
7	22693	97381	23301	429159	102679	440656	53
8	22722	97384	23332	428595	102686	440106	52
9	22750	97378	23363	428032	102693	439558	51
10	22778	97371	23393	427471	102700	439012	50
11	22807	97365	23424	426911	102707	438466	49
12	22835	97358	23455	426352	102714	437923	48
13	22863	97351	23485	425795	102721	437380	47
14	22892	97345	23516	425239	102728	436839	46
15	22920	97338	23547	424685	102735	436299	45
16	22948	97331	23578	424132	102742	435761	44
17	22977	97325	23608	423580	102749	435224	43
18	23005	97318	23639	423030	102756	434689	42
19	23033	97311	23670	422481	102763	434154	41
20	23062	97304	23700	421933	102770	433622	40
21	23090	97298	23731	421387	102777	433090	39
22	23118	97291	23762	420842	102784	432560	38
23	23146	97284	23793	420298	102791	432031	37
24	23175	97278	23823	419756	102799	431503	36
25	23203	97271	23854	419215	102806	430977	35
26	23231	97264	23885	418675	102813	430452	34
27	23260	97257	23916	418137	102820	429929	33
28	23288	97251	23946	417600	102827	429406	32
29	23316	97244	23977	417064	102834	428885	31
30	23345	97237	24008	416530	102842	428366	30
31	23373	97230	24039	415997	102849	427847	29
32	23401	97223	24069	415465	102856	427330	28
33	23429	97217	24100	414934	102863	426814	27
34	23458	97210	24131	414405	102870	426300	26
35	23486	97203	24162	413877	102878	425787	25
36	23514	97196	24193	413350	102885	425275	24
37	23542	97189	24223	412825	102892	424764	23
38	23571	97182	24254	412301	102899	424255	22
39	23599	97176	24285	411778	102907	423746	21
40	23627	97169	24316	411256	102914	423239	20
41	23656	97162	24347	410736	102921	422734	19
42	23684	97155	24377	410216	102928	422229	18
43	23712	97148	24408	409699	102936	421726	17
44	23740	97141	24439	409182	102943	421224	16
45	23769	97134	24470	408666	102950	420723	15
46	23797	97127	24501	408152	102958	420224	14
47	23825	97120	24532	407639	102965	419725	13
48	23853	97113	24562	407127	102972	419228	12
49	23882	97106	24593	406616	102980	418733	11
50	23910	97100	24624	406107	102987	418238	10
51	23938	97093	24655	405599	102994	417744	9
52	23966	97086	24686	405092	103002	417252	8
53	23995	97079	24717	404586	103009	416761	7
54	24023	97072	24748	404081	103017	416271	6
55	24051	97065	24778	403578	103024	415782	5
56	24079	97058	24809	403076	103032	415295	4
57	24108	97051	24840	402574	103039	414809	3
58	24136	97044	24871	402074	103046	414323	2
59	24164	97037	24902	401576	103054	413839	1
60	24192	97030	24933	401078	103061	413357	0

76 Grad.

14 Grad.

M	Sinus		Tangens		Secans		M
1	24220	97023	24964	400582	103069	412875	59
2	24249	97015	24995	400086	103076	412394	58
3	24277	97008	25026	399592	103084	411915	57
4	24305	97001	25056	399099	103091	411437	56
5	24333	96994	25087	398607	103099	410960	55
6	24362	96987	25118	398117	103106	410484	54
7	24390	96980	25149	397627	103114	410009	53
8	24418	96973	25180	397139	103121	409535	52
9	24446	96966	25211	396651	103129	409063	51
10	24474	96959	25242	396165	103137	408591	50
11	24503	96952	25273	395680	103144	408121	49
12	24531	96945	25304	395196	103152	407652	48
13	24559	96937	25335	394713	103159	407184	47
14	24587	96930	25366	394233	103167	406717	46
15	24615	96923	25397	393751	103175	406251	45
16	24644	96916	25428	393271	103182	405786	44
17	24672	96909	25459	392793	103190	405322	43
18	24700	96902	25490	392316	103198	404860	42
19	24728	96894	25521	391839	103205	404398	41
20	24756	96887	25552	391364	103213	403938	40
21	24784	96880	25583	390890	103221	403479	39
22	24813	96873	25614	390417	103228	403020	38
23	24841	96866	25645	389945	103236	402563	37
24	24869	96858	25676	389474	103244	402107	36
25	24897	96851	25707	389004	103251	401652	35
26	24925	96844	25738	388536	103259	401198	34
27	24954	96837	25769	388068	103267	400745	33
28	24982	96829	25800	387601	103275	400293	32
29	25010	96822	25831	387136	103282	399843	31
30	25038	96815	25862	386671	103290	399393	30
31	25066	96807	25893	386208	103298	398944	29
32	25094	96800	25924	385745	103306	398497	28
33	25122	96793	25955	385284	103313	398050	27
34	25151	96786	25986	384824	103321	397604	26
35	25179	96778	26017	384364	103329	397160	25
36	25207	96771	26048	383906	103337	396716	24
37	25235	96764	26079	383449	103345	396274	23
38	25263	96756	26110	382992	103353	395832	22
39	25291	96749	26141	382537	103360	395392	21
40	25320	96742	26172	382083	103368	394952	20
41	25348	96734	26203	381630	103376	394514	19
42	25376	96727	26235	381177	103384	394076	18
43	25404	96719	26266	380726	103392	393640	17
44	25432	96712	26297	380276	103400	393204	16
45	25460	96705	26328	379827	103408	392770	15
46	25488	96697	26359	379378	103416	392337	14
47	25516	96690	26390	378931	103424	391904	13
48	25545	96682	26421	378485	103432	391473	12
49	25573	96675	26452	378040	103439	391042	11
50	25601	96667	26483	377595	103447	390613	10
51	25629	96660	26515	377152	103455	390184	9
52	25657	96653	26546	376709	103463	389756	8
53	25685	96645	26577	376268	103471	389330	7
54	25713	96638	26608	375828	103479	388904	6
55	25741	96630	26639	375388	103487	388479	5
56	25770	96623	26670	374950	103495	388056	4
57	25798	96615	26701	374512	103503	387633	3
58	25826	96608	26733	374075	103512	387211	2
59	25854	96600	26764	373640	103520	386790	1
60	25882	96593	26795	373205	103528	386370	0

75 Grad.

M	Sinus		Tangens		Secans		M
1	25910	96585	26826	372771	103536	385951	59
2	25938	96578	26857	372338	103544	385533	58
3	25966	96570	26888	371907	103552	385116	57
4	25994	96562	26920	371476	103560	384700	56
5	26022	96555	26951	371046	103568	384285	55
6	26050	96547	26982	370616	103576	383871	54
7	26079	96540	27013	370188	103584	383457	53
8	26107	96532	27044	369761	103592	383045	52
9	26135	96524	27076	369335	103601	382633	51
10	26163	96517	27107	368909	103609	382223	50
11	26191	96509	27138	368485	103617	381813	49
12	26219	96502	27169	368061	103625	381404	48
13	26247	96494	27201	367638	103633	380996	47
14	26275	96486	27232	367217	103642	380589	46
15	26303	96479	27263	366796	103650	380183	45
16	26331	96471	27294	366376	103658	379778	44
17	26359	96463	27326	365957	103666	379374	43
18	26387	96456	27357	365538	103674	378970	42
19	26415	96448	27388	365121	103683	378568	41
20	26443	96440	27419	364705	103691	378166	40
21	26471	96433	27451	364289	103699	377765	39
22	26500	96425	27482	363874	103708	377365	38
23	26528	96417	27513	363461	103716	376966	37
24	26556	96410	27545	363048	103724	376568	36
25	26584	96402	27576	362636	103732	376171	35
26	26612	96394	27607	362224	103741	375775	34
27	26640	96386	27639	361814	103749	375379	33
28	26668	96379	27670	361405	103758	374984	32
29	26696	96371	27701	360996	103766	374591	31
30	26724	96363	27732	360588	103774	374198	30
31	26752	96355	27764	360181	103783	373806	29
32	26780	96347	27795	359775	103791	373414	28
33	26808	96340	27826	359370	103799	373024	27
34	26836	96332	27858	358966	103808	372635	26
35	26864	96324	27889	358562	103816	372246	25
36	26892	96316	27921	358160	103825	371858	24
37	26920	96308	27952	357758	103833	371471	23
38	26948	96301	27983	357357	103842	371085	22
39	26976	96293	28015	356957	103850	370700	21
40	27004	96285	28046	356557	103858	370315	20
41	27032	96277	28077	356159	103867	369931	19
42	27060	96269	28109	355761	103875	369549	18
43	27088	96261	28140	355364	103884	369167	17
44	27116	96253	28172	354968	103892	368785	16
45	27144	96246	28203	354573	103901	368405	15
46	27172	96238	28234	354179	103909	368025	14
47	27200	96230	28266	353785	103918	367647	13
48	27228	96222	28297	353393	103927	367269	12
49	27256	96214	28329	353001	103935	366892	11
50	27284	96206	28360	352609	103944	366515	10
51	27312	96198	28391	352219	103952	366140	9
52	27340	96190	28423	351828	103961	365765	8
53	27368	96182	28454	351441	103969	365391	7
54	27396	96174	28486	351053	103978	365018	6
55	27424	96166	28517	350666	103987	364645	5
56	27452	96158	28549	350279	103995	364274	4
57	27480	96150	28580	349894	104004	363903	3
58	27508	96142	28612	349509	104013	363533	2
59	27536	96134	28643	349125	104021	363164	1
60	27564	96126	28675	348741	104030	362796	0

15 Grad.

74 Grad.

16 Grad.

M	Sinus		Tangens		Secans		M
1	27592	96118	28706	348359	104039	362448	59
2	27620	96110	28738	347977	104047	362061	58
3	27648	96102	28769	347596	104056	361695	57
4	27676	96094	28801	347216	104065	361330	56
5	27704	96086	28832	346837	104073	360965	55
6	27731	96078	28864	346458	104582	360601	54
7	27759	96070	28895	346080	104091	360238	53
8	27787	96062	28927	345703	104100	359876	52
9	27815	96054	28958	345327	104108	359514	51
10	27843	96046	28990	344951	104117	359154	50
11	27871	96037	29021	344576	104126	358794	49
12	27899	96029	29053	344202	104135	358434	48
13	27927	96021	29084	343829	104144	358076	47
14	27955	96013	29116	343456	104152	357718	46
15	27983	96005	29147	343084	104161	357361	45
16	28011	95997	29179	342713	104170	357005	44
17	28039	95989	29210	342343	104179	356649	43
18	28067	95981	29242	341973	104188	356294	42
19	28095	95972	29274	341604	104197	355940	41
20	28123	95964	29305	341236	104206	355587	40
21	28150	95956	29337	340869	104214	355235	39
22	28178	95948	29368	340502	104223	354883	38
23	28206	95940	29400	340136	104232	354531	37
24	28234	95931	29432	339771	104241	354181	36
25	28262	95923	29463	339406	104250	353831	35
26	28290	95915	29495	339042	104259	353482	34
27	28318	95907	29526	338679	104268	353134	33
28	28346	95898	29558	338317	104277	352787	32
29	28374	95890	29590	337955	104286	352440	31
30	28402	95882	29621	337594	104295	352094	30
31	28429	95874	29653	337234	104304	351748	29
32	28457	95865	29685	336875	104313	351404	28
33	28485	95857	29716	336516	104322	351060	27
34	28513	95849	29748	336158	104331	350716	26
35	28541	95841	29780	335800	104340	350374	25
36	28569	95832	29811	335443	104349	350032	24
37	28597	95824	29843	335087	104358	349691	23
38	28625	95816	29875	334732	104367	349350	22
39	28652	95807	29906	334377	104376	349010	21
40	28680	95799	29938	334023	104385	348671	20
41	28708	95791	29970	333670	104394	348333	19
42	28736	95782	30001	333317	104403	347995	18
43	28764	95774	30033	332965	104413	347658	17
44	28792	95766	30065	332614	104422	347321	16
45	28820	95757	30097	332264	104431	346986	15
46	28847	95749	30128	331914	104440	346651	14
47	28875	95740	30160	331565	104449	346316	13
48	28903	95732	30192	331216	104458	345983	12
49	28931	95724	30224	330868	104468	345650	11
50	28959	95715	30255	330521	104477	345317	10
51	28987	95707	30287	330174	104486	344986	9
52	29015	95698	30319	329829	104495	344655	8
53	29042	95690	30351	329483	104504	344324	7
54	29070	95681	30382	329139	104514	343995	6
55	29098	95673	30414	328795	104523	343666	5
56	29126	95664	30446	328452	104532	343337	4
57	29154	95656	30478	328109	104541	343010	3
58	29182	95647	30509	327767	104551	342683	2
59	29209	95639	30541	327426	104560	342356	1
60	29237	95630	30573	327085	104569	342030	0

73 Grad.

M	Sinus		Tangens		Secans		M
1	29265	95622	30605	326745	104578	341705	59
2	29293	95613	30637	326406	104588	341381	58
3	29321	95605	30669	326067	104597	341057	57
4	29348	95596	30700	325729	104606	340734	56
5	29376	95588	30732	325392	104616	340411	55
6	29404	95579	30764	325055	104625	340089	54
7	29432	95571	30796	324719	104635	339768	53
8	29460	95562	30828	324383	104644	339448	52
9	29487	95554	30860	324049	104653	339128	51
10	29515	95545	30891	323714	104663	338808	50
11	29543	95536	30923	323381	104672	338489	49
12	29571	95528	30955	323048	104682	338171	48
13	29599	95519	30987	322715	104691	337854	47
14	29626	95511	31019	322384	104700	337537	46
15	29654	95502	31051	322053	104710	337221	45
16	29682	95493	31083	321722	104719	336905	44
17	29710	95485	31115	321392	104729	336590	43
18	29737	95476	31147	321063	104738	336276	42
19	29765	95467	31178	320734	104748	335962	41
20	29793	95459	31210	320406	104757	335649	40
21	29821	95450	31242	320079	104767	335336	39
22	29849	95441	31274	319752	104776	335025	38
23	29876	95433	31306	319426	104786	334713	37
24	29904	95424	31338	319100	104795	334403	36
25	29932	95415	31370	318775	104805	334092	35
26	29960	95407	31402	318451	104815	333783	34
27	29987	95398	31434	318127	104824	333474	33
28	30015	95389	31466	317804	104834	333166	32
29	30043	95380	31498	317481	104843	332858	31
30	30071	95372	31530	317159	104853	332551	30
31	30098	95363	31592	316838	104863	332244	29
32	30126	95354	31594	316517	104872	331939	28
33	30154	95345	31626	316197	104882	331633	27
34	30182	95337	31658	315877	104891	331328	26
35	30209	95328	31690	315558	104901	331024	25
36	30237	95319	31722	315240	104911	330721	24
37	30265	95310	31754	314922	104920	330418	23
38	30292	95301	31786	314605	104930	330115	22
39	30320	95293	31818	314288	104940	329814	21
40	30348	95284	31850	313972	104950	329512	20
41	30376	95275	31882	313656	104959	329212	19
42	30403	95266	31914	313341	104969	328912	18
43	30431	95257	31946	313027	104979	328612	17
44	30459	95248	31978	312713	104989	328313	16
45	30486	95240	32010	312400	104998	328015	15
46	30514	95231	32042	312087	105008	327717	14
47	30542	95222	32074	311775	105018	327420	13
48	30570	95213	32106	311464	105028	327123	12
49	30597	95204	52139	311153	105038	326827	11
50	30625	95195	32171	310842	105047	326531	10
51	30653	95186	32203	310532	105057	326237	9
52	30680	95177	32235	310223	105067	325942	8
53	30708	95168	32267	309914	105077	325648	7
54	30736	95159	32299	309606	105087	325355	6
55	30763	95150	32331	309298	105097	325062	5
56	30791	95142	32363	308991	105107	324770	4
57	30819	95133	32396	308685	105116	324478	3
58	30846	95124	32428	308379	105126	324187	2
59	30874	95115	32460	308073	105136	323897	1
60	30902	95106	32492	307768	105146	323607	0

17 Grad.

72 Grad.

18 Grad.

M	Sinus.		Tangens		Secans		M
1	30929	95097	32524	307464	105156	323317	59
2	30957	95088	32556	307160	105166	323028	58
3	30985	95079	32588	306857	105176	322740	57
4	31012	95070	32621	306554	105186	322452	56
5	31040	95061	32653	306252	105196	322165	55
6	31068	95052	32685	305950	105206	321878	54
7	31095	95043	32717	305649	105216	321592	53
8	31123	95033	32749	305349	105226	321306	52
9	31151	95024	32782	305049	105236	321021	51
10	31178	95015	32814	304749	105246	320737	50
11	31206	95006	32846	304450	105256	320453	49
12	31233	94997	32878	304152	105266	320169	48
13	31261	94988	32911	303854	105276	319886	47
14	31289	94979	32943	303556	105286	319604	46
15	31316	94970	32975	303260	105297	319322	45
16	31344	94961	33007	302963	105307	319040	44
17	31372	94952	33040	302667	105317	318759	43
18	31399	94943	33072	302372	105327	318479	42
19	31427	94933	33104	302077	105337	318199	41
20	31454	94924	33136	301783	105347	317920	40
21	31482	94915	33169	301489	105357	317641	39
22	31510	94906	33201	301196	105367	317363	38
23	31537	94897	33233	300903	105378	317085	37
24	31565	94888	33266	300611	105388	316808	36
25	31593	94878	33298	300319	105398	316531	35
26	31620	94869	33330	300028	105408	316255	34
27	31648	94860	33363	299738	105418	315979	33
28	31675	94851	33395	299447	105429	315704	32
29	31703	94842	33427	299158	105439	315429	31
30	31730	94832	33460	298869	105449	315155	30
31	31758	94823	33492	298580	105460	314881	29
32	31786	94814	33524	298292	105470	314608	28
33	31813	94805	33557	298004	105480	314335	27
34	31841	94795	33589	297717	105490	314063	26
35	31868	94786	33621	297430	105501	313791	25
36	31896	94777	33654	297144	105511	313520	24
37	31924	94768	33686	296858	105521	313249	23
38	31951	94758	33719	296573	105532	312979	22
39	31979	94749	33751	296288	105542	312709	21
40	32006	94740	33783	296004	105552	312440	20
41	32034	94730	33816	295721	105563	312171	19
42	32061	94721	33848	295437	105573	311903	18
43	32089	94712	33881	295155	105584	311635	17
44	32116	94702	33913	294872	105594	311367	16
45	32144	94693	33945	294591	105604	311101	15
46	32171	94684	33978	294309	105615	310834	14
47	32199	94674	34010	294028	105625	310568	13
48	32227	94665	34043	293748	105636	310303	12
49	32254	94656	34075	293468	105646	310038	11
50	32282	94646	34108	293189	105657	309774	10
51	32309	94637	34140	292910	105667	309510	9
52	32337	94627	34173	292632	105678	309246	8
53	32364	94618	34205	292354	105688	308983	7
54	32392	94609	34238	292076	105699	308721	6
55	34419	92599	34270	291799	105709	308459	5
56	34447	92590	34303	291523	105720	308197	4
57	34474	92580	34335	291246	105730	307936	3
58	34502	92571	34368	290971	105741	307675	2
59	34529	92561	34400	290696	105751	307415	1
60	34557	92552	34433	290421	105762	307155	0

71 Grad.

19 Grad.

M	Sinus		Tangens		Secans		M
1	32584	94542	34465	290147	105773	306896	59
2	32612	94533	34498	289873	105783	306637	58
3	32639	94523	34530	289600	105794	306379	57
4	32667	94514	34563	289327	105805	306121	56
5	32694	94504	34596	289055	105815	305864	55
6	32722	94495	34628	288783	105826	305607	54
7	32749	94485	34661	288511	105836	305350	53
8	32777	94476	34693	288240	105847	305094	52
9	32804	94466	34726	287970	105858	304839	51
10	32832	94457	34758	287700	105869	304584	50
11	32859	94447	34791	287430	105879	304329	49
12	32887	94438	34824	287161	105890	304075	48
13	32914	94428	34856	286892	105901	303821	47
14	32942	94418	34889	286624	105911	303568	46
15	32969	94409	34922	286356	105922	303315	45
16	32997	94399	34954	286089	105933	303062	44
17	33024	94390	34987	285822	105944	302810	43
18	33051	94380	35020	285555	105955	302559	42
19	33079	94370	35052	285289	105965	302308	41
20	33106	94361	35085	285023	105976	302057	40
21	33134	94351	35118	284758	105987	301807	39
22	33161	94342	35150	284494	105998	301557	38
23	33189	94332	35183	284229	106009	301308	37
24	33216	94322	35216	283965	106020	301059	36
25	33244	94313	35248	283702	106030	300810	35
26	33271	94303	35281	283439	106041	300562	34
27	33298	94293	35314	283176	106052	300315	33
28	33326	94284	35346	282914	106063	300067	32
29	33353	94274	35379	282653	106074	299821	31
30	33381	94264	35412	282391	106085	299574	30
31	33408	94254	35445	282130	106096	299329	29
32	33436	94245	35477	281870	106107	299083	28
33	33463	94235	35510	281610	106118	298838	27
34	33490	94225	35543	281350	106129	298594	26
35	33518	94216	35576	281091	106140	298349	25
36	33545	94206	35608	280833	106151	298106	24
37	33573	94196	35641	280574	106162	297862	23
38	33600	94186	35674	280316	106173	297619	22
39	33627	94176	35707	280059	106184	297377	21
40	33655	94167	35740	279802	106195	297135	20
41	33682	94157	35772	279545	106206	296893	19
42	33710	94147	35805	279289	106217	296652	18
43	33737	94137	35838	279033	106228	296411	17
44	33764	94127	35871	278778	106239	296171	16
45	33792	94118	35904	278523	106250	295931	15
46	33819	94108	35937	278269	106261	295691	14
47	33846	94098	35969	278014	106272	295452	13
48	33874	94088	36002	277761	106283	295213	12
49	33901	94078	36035	277507	106295	294975	11
50	33929	94068	36068	277254	106306	294737	10
51	33956	94058	36101	277002	106317	294500	9
52	33983	94049	36134	276750	106328	294263	8
53	34011	94039	36167	276498	106339	294026	7
54	34038	94029	36200	76247	106350	293790	6
55	34065	94019	36232	275996	106362	293554	5
56	34093	94009	36265	275746	106373	293318	4
57	34120	93999	36298	275496	106384	293083	3
58	34147	93989	36331	275246	106395	292849	2
59	34175	93979	36364	274997	106407	292614	1
60	34202	93969	36397	274748	106418	192380	0

70 Grad.

M	Sinus		Tangens		Secans		M
1	34229	93959	36430	274499	106429	292147	59
2	34257	93949	36463	274251	106440	291914	58
3	34284	93939	36496	274004	106452	291681	57
4	34311	93929	36529	273756	106463	291449	56
5	34339	93919	36562	273509	106474	291217	55
6	34366	93909	36595	273263	106486	290986	54
7	34393	93899	36628	273017	106497	290754	53
8	34421	93889	36661	272771	106508	290524	52
9	34448	93879	36694	272526	106520	290293	51
10	34475	93869	36727	272281	106531	290063	50
11	34503	93859	36760	272036	106542	289834	49
12	34530	93849	36793	271792	106554	289605	48
13	34557	93839	36826	271548	106565	289376	47
14	34584	93829	36859	271305	106577	289148	46
15	34612	93819	36892	271062	106588	288920	45
16	34639	93809	36925	270819	106600	288692	44
17	34666	93799	36958	270577	106611	288465	43
18	34694	93789	36991	270335	106622	288238	42
19	34721	93779	37024	270094	106634	288011	41
20	34748	93769	37057	269853	106645	287785	40
21	34775	93759	37090	269612	106657	287560	39
22	34803	93748	37123	269371	106668	287334	38
23	34830	93738	37157	269131	106680	287109	37
24	34857	93728	37190	268892	106691	286885	36
25	34884	93718	37223	268653	106703	286661	35
26	34912	93708	37256	268414	106715	286437	34
27	34939	93698	37289	268175	106726	286213	33
28	34966	93688	37322	267937	106738	285990	32
29	34993	93677	37355	267700	106749	285767	31
30	35021	93667	37388	267462	106761	285545	30
31	35048	93657	37422	267225	106773	285323	29
32	35075	93647	37455	266989	106784	285102	28
33	35102	93637	37488	266752	106796	284880	27
34	35130	93626	37521	266516	106807	284659	26
35	35157	93616	37554	266281	106819	284439	25
36	35184	93606	37588	266046	106831	284219	24
37	35211	93596	37621	265811	106843	283999	23
38	35239	93585	37654	265576	106854	283780	22
39	35266	93575	37687	265342	106866	283561	21
40	35293	93565	37720	265109	106878	283342	20
41	35320	93555	37754	264875	106889	283124	19
42	35347	93544	37787	264642	106901	282906	18
43	35375	93534	37820	264410	106913	282688	17
44	35402	93524	37853	264177	106925	282471	16
45	35429	93514	37887	263945	106936	282254	15
46	35456	93503	37920	263714	106948	282037	14
47	35484	93493	37953	263483	106960	281821	13
48	35511	93483	37986	263252	106972	281605	12
49	35538	93472	38020	263021	106984	281390	11
50	35565	93462	38053	262791	106995	281175	10
51	35592	93452	38086	262561	107007	280960	9
52	35619	93441	38120	262332	107019	280746	8
53	35647	93431	38153	262103	107031	280531	7
54	35674	93420	38186	261874	107043	280318	6
55	35701	93410	38220	261646	107055	280104	5
56	35728	93400	38253	261418	107067	279891	4
57	35755	93389	38286	261190	107079	279679	3
58	35782	93379	38320	260963	107091	279466	2
59	35810	93368	38353	260736	107103	279254	1
60	35837	93358	38386	260509	107114	279043	0

20 Grad.

69 Grad.

21 Grad

M	Sinus		Tangens		Secans		M
1	35864	93348	38420	260283	107126	278832	59
2	35891	93337	38453	260057	107138	278621	58
3	35918	93327	38487	259831	107150	278410	57
4	35945	93316	38520	259606	107162	278200	56
5	35973	93306	38553	259381	107174	277990	55
6	36000	93295	38587	259156	107186	277780	54
7	36027	93285	38620	258932	107199	277571	53
8	36054	93274	38654	258708	107211	277362	52
9	36081	93264	38687	258484	107223	277154	51
10	36108	93253	38721	258261	107235	276945	50
11	36135	93243	38754	258038	107247	276737	49
12	36162	93232	38787	257815	107259	276530	48
13	36190	93222	38821	257593	107271	276323	47
14	36217	93211	38854	257371	107283	276116	46
15	36244	93201	38888	257150	107295	275909	45
16	36271	93190	38921	256928	107307	275703	44
17	36298	93180	38955	256707	107320	275497	43
18	36325	93169	38988	256487	107332	275292	42
19	36352	93159	39022	256266	107344	275086	41
20	36379	93148	39055	256046	107356	274881	40
21	36406	93137	39089	255827	107368	274677	39
22	36434	93127	39122	255608	107380	274473	38
23	36461	93116	39156	255389	107393	274269	37
24	36488	93106	39190	255170	107305	274065	36
25	36515	93095	39223	254952	107417	273862	35
26	36542	93084	39257	254734	107429	273659	34
27	36569	93074	39290	254516	107442	273456	33
28	36596	93063	39324	254299	107454	273254	32
29	36623	93052	39357	254082	107466	273052	31
30	36650	93042	39391	253865	107479	272850	30
31	36677	93031	39425	253648	107491	272649	29
32	36704	93020	39458	253432	107503	272448	28
33	36731	93010	39492	253217	107516	272247	27
34	36758	92999	39526	253001	107528	272047	26
35	36785	92988	39559	252786	107540	271847	25
36	36812	92978	39593	252571	107353	271647	24
37	36840	92967	39626	252357	107565	271448	23
38	36867	92956	39660	252142	107578	271249	22
39	36894	92945	39694	251929	107590	271050	21
40	36921	92935	39727	251715	107602	270851	20
41	36948	92924	39761	251502	107615	270653	19
42	36975	92913	39795	251289	107627	270455	18
43	37002	92803	39529	251076	107640	270258	17
44	37029	92892	39862	250864	107652	270061	16
45	37056	92881	39896	250652	107665	269864	15
46	37083	92870	39930	250440	107677	269667	14
47	37110	92859	39963	250229	107690	269471	13
48	37137	92849	39997	250018	107702	269275	12
49	37164	92838	40031	249807	107715	269079	11
50	37191	92827	40065	249597	107727	268884	10
51	37218	92816	40098	249386	107740	268689	9
52	37245	92805	40132	249177	107752	268494	8
53	37272	92794	40166	248967	107765	268299	7
54	37299	92784	40200	248758	107778	268105	6
55	37326	92773	40234	248549	107790	267911	5
56	37353	92762	40267	248340	107803	267718	4
57	37380	92751	40301	248132	107816	267525	3
58	37407	92740	40335	247924	107828	267332	2
59	37434	92729	40369	247716	107841	267139	1
60	37461	92718	40403	247509	107853	266947	0

68 Grad.

22 Grad.

M	Sinus		Tangens		Secans		M
1	37488	92707	40436	247302	107866	266755	59
2	37515	92697	40470	247095	107879	266563	58
3	37542	92686	40504	246888	107892	266371	57
4	37569	92675	40538	246682	107904	266180	56
5	37595	92664	40572	246476	107917	265989	55
6	37622	92653	40606	246270	107930	265799	54
7	37649	92642	40640	245065	107943	265609	53
8	37676	92631	40674	245860	107955	265419	52
9	37703	92620	40707	245655	107968	265229	51
10	37730	92609	40741	245451	107981	265040	50
11	37757	92598	40775	245246	107994	264851	49
12	37784	92587	40809	245043	108906	264662	48
13	37811	92576	40843	244839	108019	264473	47
14	37838	92565	40877	244636	108032	264285	46
15	37865	92554	40911	244433	108045	264097	45
16	37892	92543	40945	244230	108058	263909	44
17	37919	92532	40979	244027	108071	263722	43
18	37946	92521	41013	243825	108084	263535	42
19	37973	92510	41047	243623	108097	263348	41
20	37999	92499	41081	243422	108109	263162	40
21	38026	92488	41115	243220	108122	262976	39
22	38053	92477	41149	243019	108135	262790	38
23	38080	92466	41183	242819	108148	262604	37
24	38107	92455	41217	242618	108161	262419	36
25	38134	92444	41251	242418	108174	262234	35
26	38161	92432	41285	242218	108187	262049	34
27	38188	92421	41319	242019	108200	261864	33
28	38215	92410	41353	241819	108213	261680	32
29	38241	92399	41387	241620	108226	261496	31
30	38268	92388	41421	241421	108239	261313	30
31	38295	92377	41455	241223	108252	261129	29
32	38322	92366	41490	241025	108265	260946	28
33	38349	92355	41524	240827	108278	260763	27
34	38376	92343	41558	240629	108291	260581	26
35	38403	92332	41592	240432	108305	260399	25
36	38430	92321	41626	240235	108318	260217	24
37	38456	92310	41660	240038	108331	260035	23
38	38483	92299	41694	239841	108344	259853	22
39	38510	92287	41728	239645	108357	259672	21
40	38537	92276	41763	239449	108370	259491	20
41	38564	92265	41797	239253	108383	259311	19
42	38591	92254	41831	239058	108397	259130	18
43	38617	92243	41865	238863	108410	258950	17
44	38644	92231	41899	238668	108423	258771	16
45	38671	92220	41933	238473	108436	258591	15
46	38698	92209	41968	238279	108449	258412	14
47	38725	92198	42002	238084	108463	258233	13
48	38752	92186	42036	237891	108476	258054	12
49	38778	92175	42070	237697	108489	257876	11
50	38805	92164	42105	237504	108503	257698	10
51	38832	92152	42139	237311	108516	257520	9
52	38859	92141	42173	237118	108529	257342	8
53	38886	92130	42207	236925	108542	257165	7
54	38912	92119	42242	236733	108556	256988	6
55	38939	92007	42276	236541	108569	256811	5
56	38966	92096	42310	236349	108582	256634	4
57	38993	92085	42345	236158	108596	256458	3
58	39020	92073	42379	235967	108609	256282	2
59	39046	92062	42413	235776	108623	256106	1
60	39073	92050	42447	235585	108636	255930	0

67 Grad.

23 Grad.

M	Sinus		Tangens		Secans		M
1	39100	92039	42482	235395	108649	255755	59
2	39127	92028	42516	235205	108663	255580	58
3	39153	92016	42551	235015	108676	255405	57
4	39180	92005	42585	234825	108690	255231	56
5	39207	92994	42619	234636	108703	255057	55
6	39234	92982	42654	234447	108717	254883	54
7	39260	91971	42688	234258	108730	254709	53
8	39287	91959	42722	234069	108744	254536	52
9	39314	91948	42757	233881	108757	254363	51
10	39341	91936	42791	233693	108771	254190	50
11	39367	91925	42826	233505	108784	254017	49
12	39394	91914	42860	233317	108798	253845	48
13	39421	91902	42894	233130	108811	253672	47
14	39448	91891	42929	232943	108825	253500	46
15	39474	91879	42963	232756	108839	253329	45
16	39501	91868	42998	232570	108852	253157	44
17	39528	91856	43032	232383	108866	252986	43
18	39555	91845	43067	232197	108880	252815	42
19	39581	91833	43101	232012	108893	252645	41
20	39608	91822	43136	231826	108907	252474	40
21	39635	91810	43170	231641	108920	252304	39
22	39661	91799	43205	231456	108934	252134	38
23	39688	91787	43239	231271	108948	251965	37
24	39715	91775	43274	231086	108962	251795	36
25	39741	91764	43308	230902	108975	251626	35
26	39768	91752	43343	230718	108989	251457	34
27	39795	91741	43378	230534	109003	251289	33
28	39822	91729	43412	230351	109017	251120	32
29	39848	91718	43447	230167	109030	250952	31
30	39875	91706	43481	229984	109044	250784	30
31	39902	91694	43516	229801	109058	250617	29
32	39928	91683	43550	229619	109072	250449	28
33	39955	91671	43585	229437	109086	250282	27
34	39982	91660	43620	229254	109099	250115	26
35	40008	91648	43654	229073	109113	249948	25
36	40035	91636	43689	228891	109127	249782	24
37	40062	91625	43724	228710	109141	249616	23
38	40088	91613	43758	228528	109155	249450	22
39	40115	91601	43793	228348	109169	249284	21
40	40141	91590	43828	228167	109183	249119	20
41	40168	91578	43862	227987	109197	248954	19
42	40195	91566	43897	227806	109211	248789	18
43	40221	91555	43932	227626	109224	248624	17
44	40248	91543	43966	227447	109238	248459	16
45	40275	91531	44001	227267	109252	248295	15
46	40301	91519	44036	227088	109266	248131	14
47	40328	91508	44071	226909	109280	247967	13
48	40355	91496	44005	226730	109294	247804	12
49	40381	91484	44140	226552	109308	247640	11
50	40408	91472	44175	226374	109323	247477	10
51	40434	91461	44210	326196	109337	247314	9
52	40461	91449	44244	226018	109351	247152	8
53	40488	91437	44279	225840	109365	246989	7
54	40514	91425	44314	225663	109379	246827	6
55	40541	91414	44349	225486	109393	246665	5
56	40567	91402	44384	225309	109407	246504	4
57	40594	91390	44418	225132	109421	246342	3
58	40621	91378	44453	224956	109435	246181	2
59	40647	91366	44488	224780	109449	246020	1
60	40674	91355	44523	224604	109464	245859	0

66 Grad.

24 Grad.

M	Sinus.		Tangens.		Secans.		M
1	40700	91343	44558	224428	109478	245699	59
2	40727	91331	44593	224252	109492	245539	58
3	40753	91319	44627	224077	109506	245378	57
4	40780	91307	44662	223902	109520	245219	56
5	40806	91295	44697	223727	109535	245059	55
6	40833	91283	44732	223553	109549	244900	54
7	40860	91272	44767	223378	109563	244741	53
8	40886	91260	44802	223204	109577	244582	52
9	40913	91248	44837	223030	109592	244423	51
10	40939	91236	44872	222857	109606	244264	50
11	40966	91224	44907	222683	109620	244106	49
12	40992	91212	44942	222510	109635	243948	48
13	41019	91200	44977	222337	109649	243790	47
14	41045	91188	45012	222164	109663	243633	46
15	41072	91176	45047	221992	109678	243476	45
16	41098	91164	45082	221819	109692	243318	44
17	41125	91152	45117	221647	109707	243162	43
18	41151	91140	45152	221475	109721	243005	42
19	41178	91128	45187	221304	109735	242848	41
20	41204	91116	45222	221132	109750	242692	40
21	41231	91104	45257	220961	109764	242536	39
22	41257	91092	45292	220790	109779	242380	38
23	41284	91080	45327	220619	109793	242225	37
24	41310	91068	45362	220449	109808	242070	36
25	41337	91056	45397	220278	109822	241914	35
26	41363	91044	45432	220108	109837	241760	34
27	41390	91032	45467	219938	109851	241605	33
28	41416	91020	45502	219769	109866	241450	32
29	41443	91008	45538	219599	109880	241296	31
30	41469	90996	45573	219430	109895	241142	30
31	41496	90984	45608	219261	109908	240988	29
32	41522	90972	45643	219092	109924	240835	28
33	41549	90960	45678	218923	109939	240681	27
34	41575	90948	45713	218755	109953	240528	26
35	41602	90936	45748	218587	109968	240375	25
36	41628	90924	45784	218419	109982	240222	24
37	41655	90912	45819	218251	109997	240070	23
38	41681	90899	45854	218084	110012	239918	22
39	41707	90887	45889	217916	110026	239766	21
40	41734	90875	45924	217749	110041	239614	20
41	41760	90863	45960	217582	110056	239462	19
42	41787	90851	45995	217416	110071	239311	18
43	41813	90839	46030	217249	110085	239159	17
44	41840	90826	46065	217083	110100	239008	16
45	41866	90814	46101	216917	110115	238857	15
46	41892	90801	46136	216751	110130	238707	14
47	41919	90790	46171	216585	110144	238556	13
48	41945	90778	46206	216420	110159	238406	12
49	41972	90766	46242	216255	110174	238256	11
50	41998	90753	46277	216090	110189	238107	10
51	42024	90741	46312	215925	110204	237957	9
52	42051	90729	46348	215760	110218	237808	8
53	42077	90717	46383	215596	110233	237658	7
54	42104	90704	46418	215432	110248	237509	6
55	42130	90692	46454	215268	110263	237361	5
56	42156	90680	46489	215104	110278	237212	4
57	42183	90668	46525	214940	110293	237064	3
58	42209	90655	46560	214777	110308	236916	2
59	42235	90643	46595	214614	110323	236768	1
60	42262	90631	46631	214451	110338	236620	0

65 Grad.

25 Grad.

M	Sinus.		Tangens		Secans.		M
1	42288	90618	46666	214288	110353	236473	59
2	42315	90606	46702	214125	110368	236325	58
3	42341	90594	46737	213963	110383	236178	57
4	42367	90582	46773	213801	110398	236031	56
5	42394	90569	46808	213639	110413	235885	55
6	42420	90557	46843	213477	110428	235738	54
7	42446	90545	46879	213316	110443	235592	53
8	42473	90532	46914	213154	110458	235446	52
9	42499	90520	46950	212993	110473	235300	51
10	42525	90507	46985	212832	110488	235154	50
11	42552	90495	47021	212671	110503	235009	49
12	42578	90483	47056	212511	110518	234863	48
13	42604	90470	47092	212350	110533	234718	47
14	42631	90458	47128	212190	110549	234573	46
15	42657	90446	47163	212030	110564	234429	45
16	42683	90433	47199	211871	110579	234284	44
17	42709	90421	47234	211711	110594	234140	43
18	42736	90408	47270	211552	110609	233996	42
19	42762	90396	47305	211392	110625	233852	41
20	42788	90383	47341	211233	110640	233708	40
21	42815	90371	47377	211075	110655	233565	39
22	42841	90358	47412	210916	110670	233422	38
23	42867	90346	47448	210758	110686	233278	37
24	42894	90334	47483	210600	110701	233135	36
25	42920	90321	47519	210442	110716	232993	35
26	42946	90309	47555	210284	110731	232850	34
27	42972	90296	47590	210126	110747	232708	33
28	42999	90284	47626	209969	110762	232566	32
29	43025	90271	47662	209811	110777	232424	31
30	43051	90259	47698	209654	110793	232282	30
31	43077	90246	47733	209498	110808	232140	29
32	43104	90233	47769	209341	110824	231999	28
33	43130	90221	47805	209184	110839	231858	27
34	43156	90208	47840	209028	110854	231717	26
35	43182	90196	47876	208872	110870	231576	25
36	43209	90183	47912	208716	110885	231436	24
37	43235	90171	47948	208560	110901	231295	23
38	43261	90158	47984	208405	110916	231155	22
39	43287	90146	48019	208250	110932	231015	21
40	43313	90133	48055	208094	110947	230875	20
41	43340	90120	48091	207939	110963	230735	19
42	43366	90108	48127	207785	110978	230596	18
43	43392	90095	48163	207630	110994	230457	17
44	43418	90082	48198	207476	111009	230318	16
45	43445	90070	48234	207321	111025	230179	15
46	43471	90057	48270	207167	111041	230040	14
47	43497	90045	48306	207014	111056	229901	13
48	43523	90032	48342	206860	111072	229763	12
49	43549	90019	48378	206706	111087	229625	11
50	43575	90007	48414	206553	111103	229487	10
51	43602	89994	48450	206400	111119	229349	9
52	43628	89981	48486	206247	111134	229211	8
53	43654	89968	48521	206094	111150	229074	7
54	43680	89956	48557	205942	111166	228937	6
55	43706	89943	48593	205790	111181	228800	5
56	43733	89930	48629	205637	111197	228663	4
57	43759	89918	48665	205485	111213	228526	3
58	43785	89905	48701	205333	111229	228390	2
59	43811	89892	48737	205182	111244	228253	1
60	43837	89879	48773	205030	111260	228117	0

64 Grad.

26 Grad.

M	Sinus.		Tangens.		Secans.		M
1	43863	89867	48809	204879	111276	227981	59
2	43889	89854	48845	204728	111292	227845	58
3	43916	89841	48881	204577	111308	227710	57
4	43942	89828	48917	204426	111323	227574	56
5	43968	89816	48953	204276	111339	227439	55
6	43994	89803	48989	204125	111355	227304	54
7	44020	89790	49026	203975	111371	227169	53
8	44046	89777	49062	203825	111387	227035	52
9	44072	89764	49098	203675	111403	226900	51
10	44098	89752	49134	203526	111419	226766	50
11	44124	89739	49170	203376	111435	226632	49
12	44151	89726	49206	203223	111451	226498	48
13	44177	89713	49242	203078	111467	226364	47
14	44203	89700	49278	202929	111483	226230	46
15	44229	89687	49315	202780	111499	226097	45
16	44255	89674	49351	202631	111515	225963	44
17	44281	89662	49387	202483	111531	225830	43
18	44307	89649	49423	202335	111547	225697	42
19	44333	89636	49459	202187	111563	225565	41
20	44359	89623	49496	202039	111579	225432	40
21	44385	89610	49532	201891	111595	225300	39
22	44411	89597	49568	201743	111611	225167	38
23	44437	89584	49604	201596	111627	225035	37
24	44464	89571	49640	201449	111643	224903	36
25	44490	89558	49677	201302	111659	224772	35
26	44516	89545	49713	201155	111675	224640	34
27	44542	89532	49749	201008	111691	224509	33
28	44568	89519	49786	200862	111708	224378	32
29	44594	89506	49822	200715	111724	224247	31
30	44620	89493	49858	200569	111740	224116	30
31	44646	89480	49894	200423	111756	223985	29
32	44672	89467	49931	200277	111772	223855	28
33	44698	89454	49967	200131	111789	223724	27
34	44724	89441	50004	199986	111805	223594	26
35	44750	89428	50040	199841	111821	223464	25
36	44776	89415	50076	199695	111838	223334	24
37	44802	89402	50113	199550	111854	223205	23
38	44828	89389	50149	199406	111870	223075	22
39	44854	89376	50185	199261	111886	222946	21
40	44880	89363	50222	199116	111903	222817	20
41	44906	89350	50258	198972	111919	222688	19
42	44932	89337	50295	198828	111936	222559	18
43	44958	89324	50331	198684	111952	222430	17
44	44984	89311	50368	198540	111968	222302	16
45	45010	89298	50404	198396	111985	222174	15
46	45036	89285	50941	198253	112001	222045	14
47	45062	89272	50477	198110	112018	221918	13
48	45088	89259	50514	197966	112034	221790	12
49	45114	89245	50550	197823	112051	221662	11
50	45140	89232	50587	197681	112067	221535	10
51	45166	89219	50623	197538	112084	221407	9
52	45192	89206	50660	197395	112100	221280	8
53	45218	89193	50696	197253	112117	221153	7
54	45243	89180	50733	197111	112133	221026	6
55	45269	89167	50769	196969	112150	220900	5
56	45295	89153	50806	196827	112166	220773	4
57	45321	89140	50843	196685	112183	220647	3
58	45347	89127	50879	196544	112199	220521	2
59	45373	89114	50916	196402	112216	220395	1
60	45399	89101	50953	196261	112233	220269	0

63 Grad.

27 Grad.

M	Sinus		Tangens		Secans		M
1	45425	89087	50989	196120	112249	220143	59
2	45451	89074	51026	195979	112266	220018	58
3	45477	89061	51063	195838	112283	219892	57
4	45503	89048	51099	195698	112299	219767	56
5	45529	89035	51136	195557	112316	219642	55
6	45554	89021	51173	195417	112333	219517	54
7	45580	88008	51209	195277	112349	219393	53
8	45606	88995	51246	195137	112366	219268	52
9	45632	88581	51283	194997	112383	219144	51
10	45658	88968	51320	194858	112400	219019	50
11	45684	88955	51356	194718	112416	218895	49
12	35710	88942	51393	194579	112433	218772	48
13	45736	88928	51430	194440	112450	218648	47
14	45762	88915	51467	194301	112467	218524	46
15	45787	88902	51503	194162	112484	218401	45
16	45813	88888	51540	194023	112501	218277	44
17	45839	88875	51577	193885	112518	218154	43
18	45865	88862	51614	193746	112534	218031	42
19	45891	88848	51651	193608	112551	217909	41
20	45917	88835	51688	193470	112568	217786	40
21	45942	88822	51724	193332	112585	217663	39
22	45968	88808	51761	193195	112602	217541	38
23	45994	88795	51798	193057	112619	217419	37
24	46020	88782	51835	192920	112636	217297	36
25	46046	88768	51872	192782	112653	217175	35
26	46072	88755	51909	192645	112670	217053	34
27	46097	88741	51946	192508	112687	216932	33
28	46123	88728	51983	192371	112704	216810	32
29	46149	88715	52020	192235	112721	216689	31
30	46175	88701	52057	192098	112738	216568	30
31	46201	88688	52094	191962	112755	216447	29
32	46226	88674	52131	191826	112772	216326	28
33	46252	88661	52168	191690	112789	216206	27
34	46278	88647	52205	191554	112807	216085	26
35	46304	88634	52242	191418	112824	215965	25
36	46330	88620	52279	191282	112841	215845	24
37	46355	88607	52316	191147	112858	215725	23
38	46381	88593	52353	191012	112875	215605	22
39	46407	88580	52390	190876	112892	215485	21
40	46433	88566	52427	190741	112910	215366	20
41	46458	88553	52464	190607	112927	215246	19
42	46484	88539	52501	190472	112944	215127	18
43	46510	88526	52538	190337	112961	215008	17
44	46536	88512	52575	190203	112979	214889	16
45	46561	88499	52613	190069	112996	214770	15
46	46587	88485	52650	189935	113013	214651	14
47	46613	88472	52687	189801	113031	214533	13
48	46639	88458	52724	189667	113048	214414	12
49	46664	88445	52761	189533	113065	214296	11
50	46690	88431	52798	189400	113083	214178	10
51	46716	88417	52836	189266	113100	214060	9
52	46722	88404	52873	189133	113117	213942	8
53	46767	88390	52910	189000	113135	213825	7
54	46793	88377	52947	188867	113152	213707	6
55	46819	88363	52985	188734	113170	213590	5
56	46844	88349	53022	188602	113187	213473	4
57	46870	88336	53059	188469	113205	213356	3
58	46896	88322	53096	188337	113222	213239	2
59	46921	88308	53134	188205	113240	213122	1
60	46947	88295	53171	188073	113257	213005	0

62 Grad.

28 Grad.

M	Sinus.		Tangens.		Secans.		M
1	46973	88281	53208	187941	113275	212889	59
2	46999	88267	53246	187809	113292	212773	58
3	47024	88254	53283	187677	113310	212657	57
4	47050	88240	53320	187546	113327	212540	56
5	47076	88226	53358	187415	113345	212425	55
6	47101	88213	53395	187283	113362	212309	54
7	47127	88199	53432	187152	113380	212193	53
8	47153	88185	53470	187021	113398	212078	52
9	47178	88172	53507	186891	113415	211963	51
10	47204	88158	53545	186760	113433	211847	50
11	47229	88144	53582	186630	113451	211732	49
12	47255	88130	53620	186499	113468	211617	48
13	47281	88117	53657	186369	113486	211503	47
14	47306	88103	53694	186239	113504	211388	46
15	47332	88089	53732	186109	113521	211274	45
16	47358	88075	53769	185979	113539	211159	44
17	47383	88062	53807	185850	113557	211045	43
18	47409	88048	53844	185720	113575	210931	42
19	47434	88034	53882	185591	113593	210817	41
20	47460	88020	53920	185462	113610	210704	40
21	47486	88006	53957	185333	113628	210590	39
22	47511	87993	53995	185204	113646	210477	38
23	47537	87979	54032	185075	113664	210363	37
24	47562	87965	54070	184946	113682	210250	36
25	47588	87951	54107	184818	113700	210137	35
26	47614	87937	54145	184689	113718	210024	34
27	47639	87923	54183	184561	113735	209911	33
28	47665	87909	54220	184433	113753	209799	32
29	47690	87896	54258	184305	113771	209686	31
30	47716	87882	54296	184177	113789	209574	30
31	47741	87868	54333	184049	113807	209462	29
32	47767	87854	54371	183922	113825	209350	28
33	47793	87840	54409	183794	113843	209238	27
34	47818	87826	54446	183667	113861	209126	26
35	47844	87812	54484	183540	113879	208014	25
36	47869	87798	54522	183413	113897	208903	24
37	47895	87784	54560	183286	113915	208791	23
38	47920	87770	54597	183159	113934	208680	22
39	47946	87756	54635	183033	113952	208569	21
40	47971	87743	54673	182906	113970	208458	20
41	47997	87729	54711	182780	113988	208347	19
42	48022	87715	54748	182654	114006	208236	18
43	48048	87701	54786	182528	114024	208126	17
44	48073	87687	54824	182402	114042	208015	16
45	48099	87673	54862	182276	114061	207905	15
46	48124	87659	54900	182150	114079	207795	14
47	48150	87645	54938	182025	114097	207685	13
48	48175	87631	54975	181899	114115	207575	12
49	48201	87617	55013	181774	114134	207465	11
50	48226	87603	55051	181649	114152	207356	10
51	48252	87589	55089	181524	114170	207246	9
52	48277	87575	55127	181399	114188	207137	8
53	48303	87561	55165	181274	114207	207027	7
54	48328	87546	55203	181150	114225	206918	6
55	48354	87532	55241	181025	114243	206809	5
56	48379	87518	55279	180901	114262	206701	4
57	48405	87504	55317	180777	114280	206592	3
58	48430	87490	55355	180653	114299	206483	2
59	48456	87476	55393	180529	114317	206375	1
60	48481	87462	55431	180405	114335	206267	0

61 Grad.

29 Grad.

M	Sinus.		Tangens.		Secans.		M
1	48506	87448	55569	180281	114354	206158	59
2	48532	87434	55507	180158	114372	206050	58
3	48557	87420	55545	180034	114391	205942	57
4	48583	87406	55583	179911	114409	205835	56
5	48608	87391	55621	179788	114428	205727	55
6	48634	87377	55659	179665	114446	205619	54
7	48659	87363	55697	179542	114465	205512	53
8	48684	87349	55736	179419	114483	205405	52
9	48710	87335	55774	179296	114502	205298	51
10	48735	87321	55812	179174	114521	205191	50
11	48761	87306	55850	179051	114539	205084	49
12	48786	87292	55888	178929	114558	204977	48
13	48811	87278	55926	178807	114576	204870	47
14	48837	87264	55964	178685	114595	204764	46
15	48862	87250	56003	178563	114614	204658	45
16	48888	87235	56041	178441	114632	204551	44
17	48913	87221	56079	178319	114651	204445	43
18	48938	87207	56117	178198	114670	204339	42
19	48964	87193	56156	178077	114689	204233	41
20	48989	87178	56194	177955	114707	204128	40
21	49014	87164	56232	177834	114726	204022	39
22	49040	87150	56270	177713	114745	203916	38
23	49065	87136	56309	177592	114764	203811	37
24	49090	87121	56347	177471	114782	203706	36
25	49116	87107	56385	177351	114801	203601	35
26	49141	87093	56424	177230	114820	203496	34
27	49166	87079	56462	177110	114839	203391	33
28	49192	87064	56501	176990	114858	203286	32
29	49217	87050	56539	176869	114877	203182	31
30	49242	87036	56577	176749	114896	203077	30
31	49268	87021	56616	176630	114914	202973	29
32	49293	87007	56654	176510	114933	202869	28
33	49318	86993	56693	176390	114952	202765	27
34	49344	86978	56731	176271	114971	202661	26
35	49369	86964	56769	176151	114990	202557	25
36	49394	86949	56808	176032	115009	202453	24
37	49419	86935	56846	175913	115028	202349	23
38	49445	86921	56885	175794	115047	202246	22
39	49470	86906	56923	175675	115066	202143	21
40	49495	86892	56962	175556	115085	202039	20
41	49521	86878	57000	175437	115105	201936	19
42	49546	86863	57039	175319	115124	201833	18
43	49571	86849	57078	175200	115143	201730	17
44	49596	86834	57116	175082	115162	201628	16
45	49622	86820	57155	174964	115181	201525	15
46	49647	86805	57193	174846	115200	201422	14
47	49672	86791	57232	174728	115219	201320	13
48	49697	86777	57271	174610	115239	201218	12
49	49723	86762	57309	174492	115258	201116	11
50	49748	86748	57348	174375	115277	201014	10
51	49773	86733	57386	174257	115296	200912	9
52	49798	86719	57425	174140	115315	200810	8
53	49824	86704	57464	174022	115335	200708	7
54	49849	86690	57503	173905	115354	200607	6
55	49874	86675	57541	173788	115373	200505	5
56	49899	86661	57580	173671	115393	200404	4
57	49924	86646	57619	173555	115412	200303	3
58	49950	86632	57657	173438	115431	200202	2
59	49975	86617	57696	173321	115451	200101	1
60	50000	86603	57735	173205	115470	200000	0

60 Grad.

30 Grad.

M	Sinus		Tangens		Secans		M
1	50025	86588	57774	173089	115489	199899	59
2	50050	86573	57813	172973	115509	199799	58
3	50076	86559	57851	172857	115528	199698	57
4	50101	86544	57890	172741	115548	199598	56
5	50126	86530	57929	172625	115567	199498	55
6	50151	86515	57968	172509	115587	199398	54
7	50176	86501	58007	172393	115606	199298	53
8	50201	86486	58046	172278	115626	199198	52
9	50227	86471	58085	172163	115645	199098	51
10	50252	86457	58124	172047	115665	198998	50
11	50277	86442	58162	171932	115684	198899	49
12	50302	86427	58201	171817	115704	198799	48
13	50327	86413	58240	171702	115724	198700	47
14	50352	86398	58279	171588	115743	198601	46
15	50377	86384	58318	171473	115763	198502	45
16	50403	86369	58357	171358	115782	198403	44
17	50428	86354	58396	171244	115802	198304	43
18	50453	86340	58435	171129	115822	198205	42
19	50478	86325	58474	171015	115841	198107	41
20	50503	86310	58513	170901	115861	198008	40
21	50528	86295	58552	170787	115881	197910	39
22	50553	86281	58591	170673	115901	197811	38
23	50578	86266	58631	170560	115920	197713	37
24	50603	86251	58670	170446	115940	197615	36
25	50628	86237	58709	170332	115960	197517	35
26	50654	86222	58748	170219	115980	197420	34
27	50679	86207	58787	170106	116000	197322	33
28	50704	86192	58826	169992	116019	197224	32
29	50729	86178	58865	169879	116039	197127	31
30	50754	86163	58905	169766	116059	197029	30
31	50779	86148	58944	169653	116079	196932	29
32	50804	86133	58983	169541	116099	196835	28
33	50829	86119	59022	169428	116119	196738	27
34	50854	86104	59061	169316	116139	196641	26
35	50879	86089	59101	169203	116159	196544	25
36	50904	86074	59140	169091	116179	196448	24
37	50929	86059	59179	168979	116199	196351	23
38	50954	86045	59218	168866	116219	196255	22
39	50979	86030	59258	168754	116239	196158	21
40	51004	86015	59297	168643	116259	196062	20
41	51029	86000	59336	168531	116279	195966	19
42	51054	85985	59376	168419	116299	195870	18
43	51079	85970	59415	168308	116319	195774	17
44	51104	85956	59454	168196	116339	195678	16
45	51129	85941	59494	168085	116359	195583	15
46	51154	85926	59533	167974	116380	195487	14
47	51179	85911	59573	167863	116400	195392	13
48	51204	85896	59612	167752	116420	195296	12
49	51229	85881	59651	167641	116440	195201	11
50	51254	85866	59691	167530	116460	195106	10
51	51279	85851	59730	167419	116481	195011	9
52	51304	85836	59770	167309	116501	194916	8
53	51329	85821	59809	167198	116521	194821	7
54	51354	85806	59849	167088	116541	194726	6
55	51379	85792	59888	166978	116562	194632	5
56	51404	85777	59928	166867	116582	194537	4
57	51429	85762	59967	166757	116602	194443	3
58	51454	85747	60007	166647	116623	194349	2
59	51479	85732	60046	166538	116643	194254	1
60	51504	85717	60086	166428	116663	194160	0

59 Grad.

31 Grad.

M	Sinus		Tangens		Secans		M
1	51529	85702	60126	166318	116684	194066	59
2	51554	85687	60165	166209	116704	193973	58
3	51579	85672	60205	166099	116725	193879	57
4	51604	85657	60245	165990	116745	193785	56
5	51628	85642	60284	165881	116766	193692	55
6	51653	85627	60324	165772	116786	193598	54
7	51678	85612	60364	165663	116806	193505	53
8	51703	85597	60403	165554	116827	193412	52
9	51728	85582	60443	165445	116848	193319	51
10	51753	85567	60483	165337	116868	193226	50
11	51778	85551	60522	165228	116889	193133	49
12	51803	85536	60562	165120	116909	193040	48
13	51828	85521	60602	165011	116930	192947	47
14	51852	85506	60642	164903	116950	192855	46
15	51877	85491	60681	164795	116971	192762	45
16	51902	85476	60721	164687	116992	192670	44
17	51927	85461	60761	164579	117012	192578	43
18	51952	85446	60801	164471	117033	192486	42
19	51977	85431	60841	164363	117054	192394	41
20	52002	85416	60881	164256	117075	192302	40
21	52026	85401	60921	164148	117095	192210	39
22	52051	85385	60960	164041	117116	192118	38
23	52076	85370	61000	163934	117137	192027	37
24	52101	85355	61040	163826	117158	191935	36
25	52126	85340	61080	163719	117178	191844	35
26	52151	85325	61120	163612	117199	191752	34
27	52175	85310	61160	163505	117220	191661	33
28	52200	85294	61200	163398	117241	191570	32
29	52225	85279	61240	163292	117262	191479	31
30	52250	85264	61280	163185	117283	191388	30
31	52275	85249	61320	163079	117304	191297	29
32	52299	85234	61360	162972	117325	191207	28
33	52324	85218	61400	162866	117346	191116	27
34	52349	85203	61440	162760	117367	191026	26
35	52374	85188	61480	162654	117388	190935	25
36	52399	85173	61520	162548	117409	190845	24
37	52423	85157	61561	162442	117430	190755	23
38	52448	85142	61601	162336	117451	190665	22
39	52473	85127	61641	162230	117472	190575	21
40	52498	85112	61681	162125	117493	190485	20
41	52522	85096	61721	162019	117514	190395	19
42	52547	85081	61761	161914	117535	190305	18
43	52572	85066	61801	161809	117556	190216	17
44	52597	85051	61842	161703	117577	190126	16
45	52621	85035	61882	161598	117598	190037	15
46	52646	85020	61922	161493	117620	189948	14
47	52671	85005	61962	161388	117641	189858	13
48	52696	84989	62003	161283	117662	189769	12
49	52720	84974	62043	161179	117683	189680	11
50	52745	84959	62083	161074	117704	189591	10
51	52770	84943	62124	160970	117726	189503	9
52	52794	84928	62164	160865	117747	189414	8
53	52819	84913	62204	160761	117768	189325	7
54	52844	84897	62245	160657	117790	189237	6
55	52869	84882	62285	160553	117811	189148	5
56	52893	84866	62325	160449	117832	189060	4
57	52918	84851	62366	160345	117854	188972	3
58	52943	84836	62406	160241	117875	188884	2
59	52967	84820	62447	160137	117896	188796	1
60	52992	84805	62487	160033	117918	188708	0

58 Grad.

32 Grad.

M	Sinus		Tangens		Secans		M
1	53017	84789	62527	159930	117939	188620	59
2	53041	84774	62568	159826	117961	188532	58
3	53066	84759	62608	159723	117682	188445	57
4	53091	84743	62649	159620	118004	188357	56
5	53115	84728	62689	159517	118025	188270	55
6	53140	84712	62730	159414	118047	188183	54
7	53165	84697	62770	159311	118068	188095	53
8	53189	84681	62811	159208	118090	188008	52
9	53214	84666	62852	159105	118111	187921	51
10	53238	84650	62892	159002	118133	187834	50
11	53263	84635	62933	158900	118155	187748	49
12	53288	84619	62973	158797	118176	187661	48
13	53312	84604	63014	158695	118198	187574	47
14	53337	84588	63055	158593	118220	187488	46
15	53361	84573	63095	158490	118241	187401	45
16	53386	84557	63136	158388	118263	187315	44
17	53411	84542	63177	158286	118285	187229	43
18	53435	84526	63217	158184	118307	187142	42
19	53460	84511	63258	158083	118328	187056	41
20	53484	84495	63299	157981	118350	186970	40
21	53509	84480	63340	157879	118372	186885	39
22	53534	84464	63380	157778	118394	186799	38
23	53558	84448	63421	157676	118416	186713	37
24	53583	84433	63462	157575	118437	186627	36
25	53607	84417	63503	157474	118459	186542	35
26	53632	84402	63544	157372	118481	186457	34
27	53656	84386	63584	157271	118503	186371	33
28	53681	84370	63625	157170	118525	186286	32
29	53705	84355	63666	157069	118547	186201	31
30	53730	84339	63707	156969	118569	186116	30
31	53754	84324	63748	156868	118591	186031	29
32	53779	84308	63789	156767	118613	185946	28
33	53804	84292	63830	156667	118635	185861	27
34	53828	84277	63871	156566	118657	185777	26
35	53853	84261	63912	156466	118679	185692	25
36	53877	84245	63953	156366	118701	185608	24
37	53902	84230	63994	156265	118723	185523	23
38	53926	84214	64035	156165	118745	185439	22
39	53951	84198	64076	156065	118767	185355	21
40	53975	84182	64117	155966	118790	185271	20
41	54000	84167	64158	155866	118812	185187	19
42	54024	84151	64199	155766	118834	185103	18
43	54049	84135	64240	155666	118856	185019	17
44	54073	84120	64281	155567	118878	184935	16
45	54097	84104	64322	155467	118901	184852	15
46	54122	84088	64363	155368	118923	184768	14
47	54146	84072	64404	155269	118945	184685	13
48	54171	84057	64446	155170	118967	184601	12
49	54195	84041	64487	155071	118990	184518	11
50	54220	84025	64528	154972	119012	184435	10
51	54244	84009	64569	154873	119034	184352	9
52	54269	83994	64610	154774	119057	184269	8
53	54293	83978	64652	154675	119079	184186	7
54	54317	83962	64693	154576	119102	184103	6
55	54342	83946	64734	154478	119124	184020	5
56	54366	83930	64775	154379	119146	183938	4
57	54391	33915	64817	154281	119169	183855	3
58	54415	83899	64858	154183	119191	183773	2
59	54440	83883	64899	154085	119214	183690	1
60	54464	83867	64941	153987	119236	183608	0

57 Grad.

33 Grad.

M	Sinus		Tangens		Secans		M
1	54488	83851	64982	153888	119259	183526	59
2	54513	83835	65024	153791	119281	183444	58
3	54537	83820	65065	153693	119304	183362	57
4	54561	83804	65106	153595	119327	183280	56
5	54586	83788	65148	153497	119349	183198	55
6	54610	83772	65189	153400	119372	183116	54
7	54635	83756	65231	153302	119394	183034	53
8	54659	83740	65272	153205	119417	182953	52
9	54683	83724	65314	153107	119440	182871	51
10	54708	83708	65355	153010	119463	182790	50
11	54732	83692	65397	152913	119485	182709	49
12	54756	83676	65438	152816	119508	182627	48
13	54781	83661	65480	152719	119531	182546	47
14	54805	83645	65521	152622	119554	182465	46
15	54829	83629	65563	152525	119576	182384	45
16	54854	83613	65604	152429	119599	182303	44
17	54878	83597	65646	152332	119622	182222	43
18	54902	83581	65688	152235	119645	182142	42
19	54927	83565	65729	152139	119668	182061	41
20	54951	83549	65771	152043	119691	181981	40
21	54975	83533	65813	151946	119713	181900	39
22	55000	83517	65854	151850	119736	181820	38
23	55024	83501	65896	151754	119759	181740	37
24	55048	83485	65938	151658	119782	181659	36
25	55072	83469	65980	151562	119805	181579	35
26	55097	83453	66021	151466	119828	181499	34
27	55121	83437	66063	151370	119851	181419	33
28	55145	83421	66105	151275	119874	181340	32
29	55169	83405	66147	151179	119897	181260	31
30	55194	83389	66189	151084	119920	181180	30
31	55218	83373	66230	150988	119944	181101	29
32	55242	83356	66272	150893	119967	181021	28
33	55266	83340	66314	150797	119990	180942	27
34	55291	83324	66356	150702	120013	180862	26
35	55315	83308	66398	150607	120036	180783	25
36	55339	83292	66440	150512	120059	180704	24
37	55363	83276	66482	150417	120083	180625	23
38	55388	83260	66524	150322	120106	180546	22
39	55412	83244	66566	150228	120129	180467	21
40	55436	83228	66608	150133	120152	180388	20
41	55460	83212	66650	150038	120176	180309	19
42	55484	83195	66692	149944	120199	180231	18
43	55509	83179	66734	149849	120222	180152	17
44	55533	83163	66776	149755	120246	180074	16
45	55557	83147	66818	149661	120269	179995	15
46	55581	83131	66860	149566	120292	179917	14
47	55605	83115	66902	149472	120316	179839	13
48	55630	83198	66944	149378	120339	179761	12
49	55654	83082	66986	149284	120363	179682	11
50	55678	83066	67028	149190	120386	179604	10
51	55702	83050	67071	149097	120410	179527	9
52	55726	83034	67113	149003	120433	179449	8
53	55750	83017	67155	148909	120457	179371	7
54	55775	83001	67197	148816	120480	179293	6
55	55799	82985	67239	148722	120504	179216	5
56	55823	82969	67282	148629	120527	179138	4
57	55847	82953	67324	148536	120551	179061	3
58	55871	82936	67366	148442	120575	178984	2
59	55895	82920	67409	148349	120598	178906	1
60	55919	82904	67451	148256	120622	178829	0

56 Grad.

34 Grad.

M	Sinus		Tangens		Secans		M
1	55943	82887	67493	148163	120645	178752	59
2	55968	82871	67536	148070	120669	178675	58
3	55992	82855	67578	147977	120693	178598	57
4	56016	82839	67620	147885	120717	178521	56
5	56040	82822	67663	147792	120740	178445	55
6	56064	82806	67705	147699	120764	178368	54
7	56088	82790	67748	147607	120788	178291	53
8	56112	82773	67790	147514	120812	178215	52
9	56136	82757	67832	147422	120836	178138	51
10	56160	82741	67875	147330	120859	178062	50
11	56184	82724	67917	147238	120883	177986	49
12	56208	82708	67960	147146	120907	177910	48
13	56232	82692	68002	147054	120931	177833	47
14	56256	82675	68045	146962	120955	177757	46
15	56280	82659	68088	146870	120979	177681	45
16	56305	82643	68130	146778	121003	177606	44
17	56329	82626	68173	146686	121027	177530	43
18	56353	82610	68215	146595	121051	177454	42
19	56377	82593	68258	146503	121075	177378	41
20	56401	82577	68301	146411	121099	177303	40
21	56425	82561	68343	146320	121123	177227	39
22	56449	82544	68386	146229	121147	177152	38
23	56473	82528	68429	146137	121171	177077	37
24	56497	82511	68471	146046	121195	177001	36
25	56521	82495	68514	145955	121220	176926	35
26	56545	82478	68557	145864	121244	176851	34
27	56569	82462	68600	145773	121268	176776	33
28	56593	82446	68642	145682	121292	176701	32
29	56617	82429	68685	145592	121316	176626	31
30	56641	82413	68728	145501	121341	176552	30
31	56665	82396	68771	145410	121365	176477	29
32	56689	82380	68814	145320	121389	176402	28
33	56713	82363	68857	145229	121414	176328	27
34	56736	82347	68900	145139	121438	176253	26
35	56760	82330	68942	145049	121462	176179	25
36	56784	82314	68985	144958	121487	176105	24
37	56808	82297	69028	144868	121511	176031	23
38	56832	82281	69071	144778	121535	175956	22
39	56856	82264	69114	144688	121560	175882	21
40	56880	82248	69157	144598	121584	175808	20
41	56904	82231	69200	144508	121609	175734	19
42	56928	82214	69243	144418	121633	175661	18
43	56952	82198	69286	144329	121658	175587	17
44	56976	82181	69329	144239	121682	175513	16
45	57000	82165	69372	144149	121707	175440	15
46	57024	82148	69416	144060	121731	175366	14
47	57047	82132	69459	143970	121756	175293	13
48	57071	82115	69502	143881	121781	175219	12
49	57095	82098	69545	143792	121805	175146	11
50	57119	82082	69588	143703	121830	175073	10
51	57143	82065	69631	143614	121855	175000	9
52	57167	82048	69675	143525	121879	174927	8
53	57191	82032	69718	143436	121904	174854	7
54	57215	82015	69761	143347	121929	174781	6
55	57238	81999	69804	143258	121953	174708	5
56	57262	81982	69847	143169	121978	174635	4
57	57286	81965	69891	143080	122003	174562	3
58	57310	81949	69934	142992	122028	174490	2
59	57334	81932	69977	142903	122053	174417	1
60	57358	81915	70021	142815	122077	174345	0

55 Grad.

35 Grad.

M	Sinus		Tangens		Secans		M
1	57381	81899	70064	142726	122102	174272	59
2	57405	81882	70107	142638	122127	174200	58
3	57429	81865	70151	142550	122152	174128	57
4	57453	81848	70194	142462	122177	174056	56
5	57477	81832	70238	142374	122202	173983	55
6	57501	81815	70281	142286	122227	173911	54
7	57524	81798	70325	142198	122252	173840	53
8	57548	81782	70368	142110	122277	173768	52
9	57572	81765	70412	142022	122302	173696	51
10	57596	81748	70455	141934	122327	173624	50
11	57619	81731	70499	141847	122352	173552	49
12	57643	81714	70542	141759	122377	173481	48
13	57667	81698	70586	141672	122402	173409	47
14	57691	81681	70629	141584	122428	173338	46
15	57715	81664	70673	141497	122453	173267	45
16	57738	81647	70717	141409	122478	173195	44
17	57762	81631	70760	141322	122503	173124	43
18	57786	81614	70804	141235	122528	173053	42
19	57810	81597	70848	141148	122554	172982	41
20	57833	81580	70891	141061	122579	172911	40
21	57857	81563	70935	140974	122604	172840	39
22	57881	81546	70979	140887	122629	172769	38
23	57904	81530	71023	140800	122655	172698	37
24	57928	81513	71066	140714	122680	172628	36
25	57952	81496	71110	140627	122706	172557	35
26	57976	81479	71154	140540	122731	172487	34
27	57999	81462	71198	140454	122756	172416	33
28	58023	81445	71242	140367	122782	172346	32
29	58047	81428	71285	140281	122807	172275	31
30	58070	81412	71329	140195	122833	172205	30
31	58094	81395	71373	140109	122858	172135	29
32	58118	81378	71417	140022	122884	172065	28
33	58141	81361	71461	139936	122909	171995	27
34	58165	81344	71505	139850	122935	171925	26
35	58189	81327	71549	139764	122960	171855	25
36	58212	81310	71593	139679	122986	171785	24
37	58236	81293	71637	139593	123012	171715	23
38	58260	81276	71681	139507	123037	171646	22
39	58283	81259	71725	139421	123063	171576	21
40	58307	81242	71769	139336	123089	171506	20
41	58331	81225	71813	139250	123114	171437	19
42	58354	81208	71857	139165	123140	171368	18
43	58378	81191	71901	139079	123166	171298	17
44	58401	81174	71946	138994	123192	171229	16
45	58425	81157	71990	138909	123217	171160	15
46	58449	81140	72034	138824	123243	171091	14
47	58472	81123	72078	138738	123269	171022	13
48	58496	81106	72122	138653	123295	170953	12
49	58519	81089	72167	138568	123321	170884	11
50	58543	81072	72211	138484	123347	170815	10
51	58567	81055	72255	138399	123373	170746	9
52	58590	81038	72299	138314	123399	170677	8
53	58614	81021	72344	138229	123424	170609	7
54	58637	81004	72388	138145	123450	170540	6
55	58661	80987	72432	138060	123476	170472	5
56	58684	80970	72477	137976	123502	170403	4
57	58708	80953	72521	137891	123529	170335	3
58	58731	80936	72565	137807	123555	170267	2
59	58755	80919	72610	137722	123581	170198	1
60	58779	80902	72654	137638	123607	170130	0

54 Grad.

36 Grad.

M	Sinus.		Tangens		Secans.		M
1	58802	80885	72699	137554	123633	170062	59
2	58826	80867	72743	137470	123659	169994	58
3	58849	80850	72788	137386	123685	169926	57
4	58873	80833	72832	137302	123711	169858	56
5	58896	80816	72877	137218	123738	169790	55
6	58920	80799	72921	137134	123764	169723	54
7	58943	80782	72966	137050	123790	169655	53
8	58967	80765	73010	136967	123816	169587	52
9	58990	80748	73055	136883	123843	169520	51
10	59014	80730	73100	136800	123869	169452	50
11	59037	80713	73144	136716	123895	169385	49
12	59061	80696	73189	136633	123922	169318	48
13	59084	80679	73234	136549	123948	169250	47
14	59108	80662	73278	136466	123975	169183	46
15	59131	80644	73323	136383	124001	169116	45
16	59154	30627	73368	136300	124028	169049	44
17	59178	80610	73413	136217	124054	168982	43
18	59201	80593	73457	136134	124081	168915	42
19	59225	80576	73502	136051	124107	168848	41
20	59248	80558	73547	135968	124134	168782	40
21	59272	80541	73592	135885	124160	168715	39
22	59295	80524	73637	135802	124187	168648	38
23	59318	80507	73681	135719	124213	168582	37
24	59342	80489	73726	135637	124240	168515	36
25	59365	80472	73771	135554	124267	168449	35
26	59389	80455	73816	135472	124293	168382	34
27	59412	80438	73861	135389	124320	168316	33
28	59436	80420	73906	135307	124347	168250	32
29	59459	80403	73951	135224	124373	168183	31
30	59482	80386	73996	135142	124400	168117	30
31	59506	80368	74041	135060	124427	168051	29
32	59529	80351	74086	134978	124454	167985	28
33	59552	80334	74131	134896	124481	167919	27
34	59576	80316	74176	134814	124508	167853	26
35	59599	80299	74221	134732	124534	167788	25
36	59622	80282	74267	134650	124561	167722	24
37	59646	80264	74312	134568	124588	167656	23
38	59669	80247	74357	134487	124615	167591	22
39	59693	80230	74402	134405	124642	167525	21
40	59716	80212	74447	134323	124669	167460	20
41	59739	80195	74492	134242	124696	167394	19
42	59763	80178	74538	134160	124723	167329	18
43	59786	80160	74583	134079	124750	167264	17
44	59809	80143	74628	133998	124777	167199	16
45	59832	80125	74674	133916	124804	167133	15
46	59856	80108	74719	133835	124832	167068	14
47	59879	80091	74764	133754	124859	167003	13
48	59902	80073	74810	133673	124886	166938	12
49	59926	80056	74855	133592	124913	166873	11
50	59949	80038	74900	133511	124940	166809	10
51	59972	80021	74946	133430	124967	166744	9
52	59995	80003	74991	133349	124995	166679	8
53	60019	79986	75037	133268	125022	166615	7
54	60042	79968	75082	133187	125049	166550	6
55	60065	79951	75128	133107	125077	166486	5
56	60089	79934	75173	133026	125104	166421	4
57	60112	79916	75219	132946	125131	166357	3
58	60135	79899	75264	132865	125159	166292	2
59	60158	79881	75310	132785	125186	166228	1
60	60182	79864	75355	132704	125214	166164	0

53 Grad.

37 Grad.

M	Sinus.		Tangens.		Secans		M
1	60205	79846	75401	132624	125241	166100	59
2	60228	79829	75447	132544	125269	166036	58
3	60251	79811	75492	132464	125296	165972	57
4	60274	79793	75538	132384	125324	165908	56
5	60298	79776	75584	132304	125351	165844	55
6	60321	79758	75629	132224	125379	165780	54
7	60344	79741	75675	132144	125406	165717	53
8	60367	79723	75721	132064	125434	165653	52
9	60390	79706	75767	131984	125462	165589	51
10	60414	79688	75812	131904	125489	165526	50
11	60437	79671	75858	131825	125517	165462	49
12	60460	79653	75904	131745	125545	165399	48
13	60483	79635	75950	131666	125572	165336	47
14	60506	79618	75996	131586	125600	165272	46
15	60529	79600	76042	131507	125628	165209	45
16	60553	79583	76088	131427	125656	165146	44
17	60576	79565	76134	131348	125683	165083	43
18	60599	79547	76180	131269	125711	165020	42
19	60622	79530	76226	131190	125739	164957	41
20	60645	79512	76272	131110	125767	164894	40
21	60668	79494	76318	131031	125795	164831	39
22	60691	79477	76364	130952	125823	164768	38
23	60714	79459	76410	130873	125851	164705	37
24	60738	79441	76456	130795	125879	164643	36
25	60761	79424	76502	130716	125907	164580	35
26	60784	79406	76548	130637	125935	164518	34
27	60807	79388	76594	130558	125963	164455	33
28	60830	79371	76640	130480	125991	164393	32
29	60853	79353	76686	130401	126019	164330	31
30	60876	79335	76733	130323	126047	164268	30
31	60899	79318	76779	130244	126075	164206	29
32	60922	79300	76825	130166	126104	164144	28
33	60945	79282	76871	130087	126132	164081	27
34	60968	79264	76918	130009	126160	164019	26
35	60991	79247	76964	129931	126188	163957	25
36	61015	79229	77010	129853	126216	163895	24
37	61038	79211	77057	129775	126245	163834	23
38	61061	79193	77103	129696	126273	163772	22
39	61084	79176	77149	129619	126301	163710	21
40	61107	79158	77196	129541	126330	163648	20
41	61130	79140	77242	129463	126358	163587	19
42	61153	79122	77289	129385	126387	163525	18
43	61176	79105	77335	129307	126415	163464	17
44	61199	79087	77382	129229	126443	163402	16
45	61222	79069	77428	129152	126472	163341	15
46	61245	79051	77475	129074	126500	163279	14
47	61268	79033	77521	128997	126529	163218	13
48	61291	79016	77568	128919	126557	163157	12
49	61314	78998	77615	128842	126586	163096	11
50	61337	78980	77661	128764	126615	163035	10
51	61360	78962	77708	128687	126643	162974	9
52	61383	78944	77754	128610	126672	162913	8
53	61406	78926	77801	128533	126701	162852	7
54	61429	78908	77848	128456	126729	162791	6
55	61451	78891	77895	128379	126758	162730	5
56	61474	78873	77941	128302	126787	162669	4
57	61497	78855	77988	128225	126815	162609	3
58	61520	78837	78035	128148	126844	162548	2
59	61543	78819	78082	128071	126873	162487	1
60	61566	78801	78129	127994	126902	162427	0

52 Grad.

38 Grad.

M	Sinus		Tangens		Secans		M
1	61589	78783	78175	127917	126931	162366	59
2	61612	78765	78222	127841	126960	162306	58
3	61635	78747	78269	127764	126988	162246	57
4	61658	78729	78316	127688	127017	162185	56
5	61681	78711	78363	127611	127046	162125	55
6	61704	78694	78410	127535	127075	162065	54
7	61726	78676	78457	127458	127104	162005	53
8	61749	78658	78504	127382	127133	161945	52
9	61772	78640	78551	127306	127162	161885	51
10	61795	78622	78598	127230	127191	161825	50
11	61818	78604	78645	127153	127221	161765	49
12	61841	78586	78692	127077	127250	161705	48
13	61864	78568	78739	127001	127279	161646	47
14	61887	78550	78786	126925	127308	161586	46
15	61909	78532	78834	126849	127337	161526	45
16	61932	78514	78881	126774	127366	161467	44
17	61955	78496	78928	126698	127396	161407	43
18	61978	78478	78975	126622	127425	161348	42
19	62001	78460	79022	126546	127454	161288	41
20	62024	78442	79070	126471	127483	161229	40
21	62046	78424	79117	126395	127513	161170	39
22	62069	78405	79164	126320	127542	161111	38
23	62092	78387	79212	126244	127572	161051	37
24	62115	78369	79259	126169	127601	160992	36
25	62138	78351	79306	126093	127630	160933	35
26	62160	78333	79354	126018	127660	160874	34
27	62183	78315	79401	125943	127689	160815	33
28	62206	78297	79449	125867	127719	160756	32
29	62229	78279	79496	125792	127748	160698	31
30	62251	78261	79544	125717	127778	160639	30
31	62274	78243	79591	125642	127807	160580	29
32	62297	78225	79639	125567	127837	160521	28
33	62320	78206	79686	125492	127867	160463	27
34	62342	78188	79734	125417	127896	160404	26
35	62365	78170	79781	125343	127926	160346	25
36	62388	78152	79829	125268	127956	160287	24
37	62411	78134	79877	125193	127985	160229	23
38	62433	78116	79924	125118	128015	160171	22
39	62456	78098	79972	125044	128045	160112	21
40	62479	78079	80020	124969	128075	160054	20
41	62502	78061	80067	124895	128105	159996	19
42	62524	78043	80115	124820	128134	159938	18
43	62547	78025	80163	124746	128164	159880	17
44	62570	78007	80211	124672	128194	159822	16
45	62592	77988	80258	124597	128224	159764	15
46	62615	77970	80306	124523	128254	159706	14
47	62638	77952	80354	124449	128284	159648	13
48	62660	77934	80402	124375	128314	159590	12
49	62683	77916	80450	124301	128344	159533	11
50	62706	77897	80498	124227	128374	159475	10
51	62728	77879	80546	124153	128404	159418	9
52	62751	77861	80594	124079	128434	159360	8
53	62774	77843	80642	124005	128464	159302	7
54	62796	77824	80690	123931	128495	159245	6
55	62819	77806	80738	123858	128525	159188	5
56	62842	77788	80786	123784	128555	159130	4
57	62864	77769	80834	123710	128585	159073	3
58	62887	77751	80882	123637	128615	159016	2
59	62909	77733	80930	123563	128646	158959	1
60	62932	77715	80978	123490	128676	158902	0

51 Grad.

M	Sinus		Tangens		Secans		M
1	62955	77696	81027	123416	128706	158845	59
2	62977	77678	81075	123343	128737	158788	58
3	63000	77660	81123	123270	128767	158731	57
4	63022	77641	81171	123196	128797	158674	56
5	63045	77623	81220	123123	128828	158617	55
6	63068	77605	81268	123050	128858	158560	54
7	63090	77586	81316	122977	128889	158503	53
8	63113	77568	81364	122904	128919	158447	52
9	63135	77550	81413	122831	128950	158390	51
10	63158	77531	81461	122758	128980	158333	50
11	63180	77512	81510	122685	129011	158277	49
12	63203	77494	81558	122612	129042	158221	48
13	63225	77476	81606	122539	129072	158164	47
14	63248	77458	81655	122467	129103	158108	46
15	63271	77439	81703	122394	129133	158051	45
16	63293	77421	81752	122321	129164	157995	44
17	63316	77403	81800	122249	129195	157939	43
18	63338	77384	81849	122176	129226	157883	42
19	63361	77366	81898	122104	129256	157827	41
20	63383	77347	81946	122031	129287	157771	40
21	63406	77329	81995	121959	129318	157715	39
22	63428	77310	82044	121887	129349	157659	38
23	63451	77292	82092	121814	129380	157603	37
24	63473	77273	82141	121742	129411	157547	36
25	63496	77255	82190	121670	129442	157491	35
26	63518	77236	82238	121598	129473	157436	34
27	63540	77218	82287	121526	129504	157380	33
28	63563	77199	82336	121454	129535	157324	32
29	63585	77181	82385	121382	129566	157269	31
30	63608	77162	82434	121310	129597	157213	30
31	63630	77144	82483	121238	129628	157158	29
32	63653	77125	82531	121166	129659	157103	28
33	63675	77107	82580	121094	129690	157047	27
34	63698	77088	82629	121023	129721	156992	26
35	63720	77070	82678	120951	129752	156937	25
36	63742	77051	82727	120879	129784	156881	24
37	63765	77033	82776	120808	129815	156826	23
38	63787	77014	82825	120736	129846	156771	22
39	63810	76996	82874	120665	129877	156716	21
40	63832	76977	82923	120593	129909	156661	20
41	63854	76959	82972	120522	129940	156606	19
42	63877	76940	83022	120451	129971	156551	18
43	63899	76921	83071	120379	130003	156497	17
44	63922	76903	83120	120308	130034	156442	16
45	63944	76884	83169	120237	130066	156387	15
46	63966	76866	83218	120166	130097	156332	14
47	63989	76847	83268	120095	130129	156278	13
48	64011	76828	83317	120024	130160	156223	12
49	64033	76810	83366	119953	130192	156169	11
50	64056	76791	83415	119882	130223	156114	10
51	64078	76772	83465	119811	130255	156060	9
52	64100	76754	83514	119740	130287	156005	8
53	64123	76735	83564	119669	130318	155951	7
54	64145	76717	83613	119599	130350	155897	6
55	64167	76698	83662	119528	130382	155843	5
56	64190	76679	83712	119457	130413	155789	4
57	64212	76661	83761	119387	130445	155734	3
58	64234	76642	83811	119316	130477	155680	2
59	64256	76623	83860	119246	130509	155626	1
60	64279	76604	83910	119175	130541	155572	0

40 Grad.

M	Sinus		Tangens		Secans		M
1	64301	76586	83960	119105	130573	155518	59
2	64323	76567	84009	119035	130605	155465	58
3	64346	76548	84059	118964	130636	155411	57
4	64368	76530	84108	118894	130668	155357	56
5	64390	76511	84158	118824	130700	155303	55
6	64412	76402	84208	118754	130732	155250	54
7	64435	76473	84258	118684	130764	155196	53
8	64457	76455	84307	118614	130796	155143	52
9	64479	76436	84357	118544	130829	155089	51
10	64501	76417	84407	118474	130861	155036	50
11	64524	76398	84457	118404	130893	154982	49
12	64546	76380	84507	118334	130925	154929	48
13	64568	76361	84556	118264	130957	154876	47
14	64590	76342	84606	118194	130989	154822	46
15	64612	76323	84656	118125	131022	154769	45
16	64635	76304	84706	118055	131054	154716	44
17	64657	76286	84756	117986	131086	154663	43
18	64679	76267	84806	117916	131119	154610	42
19	64701	76248	84856	117846	131151	154557	41
20	64723	76229	84906	117777	131183	154504	40
21	64746	76210	84956	117708	131216	154451	39
22	64768	76192	85006	117638	131248	154398	38
23	64790	76173	85057	117569	131281	154345	37
24	64812	76154	85107	117500	131313	154292	36
25	64834	76135	85157	117430	131346	154240	35
26	64856	76116	85207	117361	131378	154187	34
27	64878	76097	85257	117292	131411	154134	33
28	64901	76078	85308	117223	131443	154082	32
29	64923	76059	85358	117154	131476	154029	31
30	64945	76041	85408	117085	131509	153977	30
31	64967	76022	85458	117016	131541	153924	29
32	64989	76003	85509	116947	131574	153872	28
33	65011	75984	85559	116878	131607	153820	27
34	65033	75965	85610	116809	131640	153768	26
35	65055	75946	85660	116741	131672	153715	25
36	65077	75927	85710	116672	131705	153663	24
37	65100	75908	85761	116603	131738	153611	23
38	65122	75889	85811	116535	131771	153559	22
39	65144	75870	85862	116466	131804	153507	21
40	65166	75851	85912	116398	131837	153455	20
41	65188	75832	85963	116329	131870	153403	19
42	65210	75813	86014	116261	131903	153351	18
43	65232	75794	86064	116192	131936	153299	17
44	65254	75775	86115	116124	131969	153247	16
45	65276	75757	86166	116056	132002	153196	15
46	65298	75738	86216	115987	132035	153144	14
47	65320	75719	86267	115919	132069	153092	13
48	65342	75700	86318	115851	132101	153041	12
49	65364	75680	86368	115783	132134	152989	11
50	65386	75661	86419	115715	132168	152938	10
51	65408	75642	86470	115647	132201	152886	9
52	65430	75623	86521	115579	132234	152835	8
53	65452	75604	86572	115511	132267	152784	7
54	65474	75585	86623	115443	132301	152732	6
55	65496	75566	86674	115375	132334	152681	5
56	65518	75547	86725	115308	132368	152630	4
57	65540	75528	86776	115240	132401	152579	3
58	65562	75509	86827	115172	132434	152527	2
59	65584	75490	86878	115104	132468	152476	1
60	65606	75471	86929	115037	132501	152425	0

49 Grad.

41 Grad.

M	Sinus		Tangens.		Secans		M
1	65628	75452	86980	114969	132535	152374	59
2	65650	75433	87031	114902	132568	152323	58
3	65672	75414	87082	114834	132602	152273	57
4	65694	75395	87133	114767	132636	152222	56
5	65716	75375	87184	114699	132669	152171	55
6	65738	75356	87236	114632	132703	152120	54
7	65759	75337	87287	114565	132737	152069	53
8	65781	75318	87338	114498	132770	152019	52
9	65803	75299	87389	114430	132804	151968	51
10	65825	75280	87441	114363	132838	151918	50
11	65847	75261	87492	114296	132872	151867	49
12	65869	75241	87543	114229	132905	151817	48
13	65891	75222	87595	114162	132939	151766	47
14	65913	75203	87646	114093	132975	151716	46
15	65935	75184	87698	114028	133007	151665	45
16	65959	75165	87749	113961	133041	151615	44
17	65978	75146	87801	113894	133075	151565	43
18	66000	75126	87852	113828	133109	151515	42
19	66022	75107	87904	113761	133143	151465	41
20	66044	75088	87955	113694	133177	151415	40
21	66066	75069	88007	113627	133211	151364	39
22	66088	75050	88059	113561	133245	151314	38
23	66109	75030	88110	113494	133279	151265	37
24	66131	75011	88162	113428	133314	151215	36
25	66153	74992	88214	113361	133348	151165	35
26	66175	74973	88265	113295	133382	151115	34
27	66197	74953	88317	113228	133416	151065	33
28	66218	74934	88369	113162	133451	151015	32
29	66240	74915	88421	113096	133485	150966	31
30	66262	74896	88473	113029	133519	150916	30
31	66284	74876	88524	112963	133554	150866	29
32	66306	74857	88576	112897	133588	150817	28
33	66327	74838	88628	112831	133622	150767	27
34	66349	74818	88680	112765	133657	150718	26
35	66371	74799	88732	112699	133691	150669	25
36	66393	74780	88784	112633	133726	150619	24
37	66414	74760	88836	112567	133760	150570	23
38	66436	74741	88888	112501	133795	150521	22
39	66458	74722	88940	112435	133830	150471	21
40	66480	74703	88992	112369	133864	150422	20
41	66501	74683	89045	112303	133899	150373	19
42	66523	74664	89097	112238	133934	150324	18
43	66545	74644	89149	112172	133968	150275	17
44	66566	74625	89201	112106	134003	150226	16
45	66588	74606	89253	112041	134038	150177	15
46	66610	74586	89306	111975	134073	150128	14
47	66632	74567	89358	111909	134108	150079	13
48	66653	74548	89410	111844	134142	150030	12
49	66675	74528	89463	111778	134177	149981	11
50	66697	74509	89515	111713	134212	149933	10
51	66718	74489	89567	111648	134247	149884	9
52	66740	74470	89620	111582	134282	149835	8
53	66762	74451	89672	111517	134317	149787	7
54	66783	74431	89725	111452	134352	149738	6
55	66805	74412	89777	111387	134387	149690	5
56	66827	74392	89830	111321	134423	149641	4
57	66848	74373	89883	111256	134458	149593	3
58	66870	74353	89935	111191	134493	149544	2
59	66891	74334	89988	111126	134528	149496	1
60	66913	74314	90040	111061	134563	149448	0

48 Grad.

42 Grad.

M	Sinus		Tangens		Secans		M
1	66935	74295	90093	110996	134599	149399	59
2	66956	74276	90146	110931	134634	149351	58
3	66978	74256	90199	110867	134669	149303	57
4	66999	74237	90251	110802	134704	149255	56
5	67021	74217	90304	110737	134740	149207	55
6	67043	74198	90357	110672	134775	149159	54
7	67064	74178	90410	110608	134811	149111	53
8	67086	74159	90463	110543	134846	149063	52
9	67107	74139	90516	110478	134882	149015	51
10	67129	74120	90569	110414	134917	148968	50
11	67151	74100	90621	110349	134953	148919	49
12	67172	74080	90674	110285	134988	148871	48
13	67194	74061	90727	110220	135024	148824	47
14	67215	74041	90781	110156	135060	148776	46
15	67237	74022	90834	110091	135095	148728	45
16	67258	74002	90887	110027	135131	148681	44
17	67280	73983	90940	109963	135167	148633	43
18	67301	73963	90993	109899	135203	148586	42
19	67323	73944	91046	109834	135238	148538	41
20	67344	73924	91099	109770	135274	148491	40
21	67366	73904	91153	109706	135310	148443	39
22	67387	73885	91206	109642	135346	148396	38
23	67409	73865	91259	109578	135382	148349	37
24	67430	73846	91313	109514	135418	148301	36
25	67452	73826	91366	109450	135454	148254	35
26	67473	73806	91419	109386	135490	148207	34
27	67495	73787	91473	109322	135526	148160	33
28	67516	73767	91526	109258	135562	148113	32
29	67538	73747	91580	109195	135598	148066	31
30	67559	73728	91633	109131	135634	148019	30
31	67580	73708	91687	109067	135670	147972	29
32	67602	73688	91740	109003	135707	147925	28
33	67623	73669	91794	108940	135743	147878	27
34	67645	73649	91847	108876	135779	147831	26
35	67666	73629	91901	108813	135815	147784	25
36	67688	73610	91955	108749	135852	147738	24
37	67709	73590	92008	108686	135888	147691	23
38	67730	73570	92062	108622	135924	147644	22
39	67752	73551	92116	108559	135961	147598	21
40	67773	73531	92170	108496	135997	147551	20
41	67795	73511	92224	108432	136034	147504	19
42	67816	73491	92277	108369	136070	147458	18
43	67837	73472	92331	108306	136107	147411	17
44	67859	73452	92385	108243	136143	147365	16
45	67880	73432	92439	108179	136180	147319	15
46	67901	73413	92493	108116	136217	147272	14
47	67923	73393	92547	108053	136253	147226	13
48	67944	73373	92601	107990	136290	147180	12
49	67965	73353	92655	107927	136327	147134	11
50	67987	73333	92709	107864	136363	147087	10
51	68008	73314	92763	107801	136400	147041	9
52	68029	73294	92817	107738	136437	146995	8
53	68051	73274	92872	107676	136474	146949	7
54	68072	73254	92926	107613	136511	146903	6
55	68093	73234	92980	107550	136548	146857	5
56	68115	73215	93034	107487	136585	146811	4
57	68136	73195	93088	107425	136622	146765	3
58	68157	73175	93143	107362	136659	146719	2
59	68179	73155	93197	107299	136696	146674	1
60	68200	73135	93252	107237	136733	146628	0

47 Grad.

43 Grad.

M	Sinus.		Tangens.		Secans.		M
1	68221	73116	93306	107174	136770	146582	59
2	68241	73096	93360	107112	136807	146537	58
3	68264	73076	93415	107049	136844	146491	57
4	68285	73056	93469	106987	136881	146445	56
5	68306	73036	93524	106925	136919	146400	55
6	68327	73016	93578	106862	136956	146354	54
7	68349	72996	93633	106800	136993	146309	53
8	68370	72976	93688	106738	137030	146263	52
9	68391	72957	93742	106676	137068	146218	51
10	68412	72937	93797	106613	137105	146173	50
11	68434	72917	93852	106551	137143	146127	49
12	68455	72897	93906	106489	137180	146082	48
13	68476	72877	93961	106427	137218	146037	47
14	68497	72857	94016	106365	137255	145992	46
15	68518	72837	94071	106303	137293	145946	45
16	68539	72817	94125	106241	137330	145901	44
17	68561	72797	94180	106179	137308	145856	43
18	68582	72777	94235	106117	137406	145811	42
19	68603	72757	94290	106056	137443	145766	41
20	68624	72737	94345	105994	137481	145721	40
21	68645	72717	94400	105932	137519	145676	39
22	68666	72697	94455	105870	137556	145631	38
23	68688	72677	94510	105809	137594	145587	37
24	68709	72657	94565	105747	137632	145542	36
25	68730	72637	94620	105685	137670	145497	35
26	68751	72617	94676	105624	137708	145452	34
27	68772	72597	94731	105562	137746	145408	33
28	68793	72577	94786	105501	137784	145363	32
29	68814	72557	94841	105439	137822	145319	31
30	68835	72537	94896	105378	137860	145274	30
31	68857	72517	94952	105317	137898	145229	29
32	68878	72497	95007	105255	137936	145185	28
33	68899	72477	95062	105194	137974	145141	27
34	68920	72457	95118	105133	138012	145096	26
35	68941	72437	95173	105072	138051	145052	25
36	68962	72417	95229	105010	138089	145007	24
37	68983	72397	95284	104949	138127	144963	23
38	69004	72377	95340	104888	138165	144919	22
39	69025	72357	95395	104827	138204	144875	21
40	69046	72337	95451	104766	138242	144831	20
41	69067	72317	95506	104705	138280	144787	19
42	69088	72298	95562	104644	138319	144742	18
43	69109	72277	95618	104583	138357	144698	17
44	69130	72257	95673	104522	138396	144654	16
45	69151	72236	95729	104461	138434	144610	15
46	69172	72216	95785	104401	138473	144567	14
47	69193	72196	95841	104340	138512	144523	13
48	69214	72176	95897	104279	138550	144479	12
49	69235	72156	95952	104218	138589	144435	11
50	69256	72136	96008	104158	138628	144391	10
51	69277	72116	96064	104097	138666	144347	9
52	69298	72095	96120	104036	138705	144304	8
53	69319	72075	96176	103976	138744	144260	7
54	69340	72055	96232	103915	138783	144217	6
55	69361	72035	96288	103855	138822	144173	5
56	69382	72015	96344	103794	138860	144129	4
57	69403	71995	96400	103734	138899	144086	3
58	69424	71974	96457	103674	138938	144042	2
59	69445	71954	96513	103613	138977	143999	1
60	69466	71934	96569	103553	139016	143956	0

46 Grad.

44 Grad.

M	Sinus		Tangens		Secans		M
1	69487	71914	96625	103493	139055	143912	59
2	69508	71894	96681	103433	139095	143869	58
3	69529	71873	96738	103372	139134	143826	57
4	69549	71853	96794	103312	139173	143783	56
5	69570	71833	96850	103252	139212	143739	55
6	69591	71813	96907	103192	139251	143696	54
7	69612	71792	96963	103132	139291	143653	53
8	69633	71772	97020	103072	139330	143610	52
9	69654	71752	97076	103012	139369	143567	51
10	69675	71732	97133	102952	139409	143524	50
11	69696	71711	97189	102892	139448	143481	49
12	69717	71691	97246	102832	139487	143438	48
13	69737	71671	97302	102772	139527	143395	47
14	69758	71650	97359	102713	139566	143352	46
15	69779	71630	97416	102653	139606	143310	45
16	69800	71610	97472	102593	139646	143267	44
17	69821	71590	97529	102533	139685	143224	43
18	69842	71569	97586	102474	139725	143181	42
19	69862	71549	97643	102414	139764	143139	41
20	69883	71529	97700	102355	139804	143096	40
21	69904	71508	97756	102295	139844	143053	39
22	69925	71488	97813	102236	139884	143011	38
23	69946	71468	97870	102176	139924	142968	37
24	69966	71447	97927	102117	139963	142926	36
25	69987	71427	97984	102057	140003	142883	35
26	70008	71407	98041	101998	140043	142841	34
27	70029	71386	98098	101939	140083	142799	33
28	70049	71366	98155	101879	140123	142756	32
29	70070	71345	98213	101820	140163	142714	31
30	70091	71325	98270	101761	140203	142672	30
31	70112	71305	98327	101702	140243	142630	29
32	70132	71284	98384	101642	140283	142587	28
33	70153	71264	98441	101583	140324	142545	27
34	70174	71243	98499	101524	140364	142503	26
35	70195	71223	98556	101465	140404	142461	25
36	70215	71203	98613	101406	140444	142419	24
37	70236	71182	98671	101347	140485	142377	23
38	70257	71162	98728	101288	140525	142335	22
39	70277	71141	98786	101229	140565	142293	21
40	70298	71121	98843	101170	140606	142251	20
41	70319	71100	98901	101112	140646	142210	19
42	70339	71080	98958	101053	140687	142168	18
43	70360	71059	99016	100994	140727	142126	17
44	70381	71039	99073	100935	140768	142084	16
45	70401	71019	99131	100876	140808	142042	15
46	70422	70998	99189	100818	140849	142001	14
47	70443	70978	99247	100759	140890	141959	13
48	70463	70957	99304	100701	140930	141918	12
49	70484	70937	99362	100642	140971	141876	11
50	70505	70916	99420	100583	141012	141835	10
51	70525	70896	99478	100525	141053	141793	9
52	70546	70875	99536	100467	141093	141752	8
53	70567	70855	99594	100408	141134	141710	7
54	70587	70834	99652	100350	141175	141669	6
55	70608	70813	99710	100291	141216	141627	5
56	70628	70793	99768	100233	141257	141586	4
5	70649	70772	99826	100175	141298	141545	3
58	70670	70752	99884	100116	141339	141504	2
59	70690	70731	99942	100058	141380	141463	1
60	70711	70711	100000	100000	141421	141421	0

45 Grad.

0 Grad.

M	Log. Sin.	Log. Sin.	Log. Tan.	Log Tang.	Log. Seca.	Log. Seca.	M
0	00000000	10000000	00000000	unend.	100000000	unend.	60
1	64637261	99999999	64637261	135362739	100000001	135362739	59
2	67647561	99999999	67647562	132352438	100000001	132352439	58
3	69408473	99999998	69408475	130591525	100000002	130591526	57
4	70657860	99999997	70657863	129342137	100000003	129342140	56
5	71626960	99999995	71626964	128373036	100000005	128373040	55
6	72418771	99999993	72418778	127581222	100000007	127581229	54
7	73088239	99999991	73088248	126911752	100000009	126911761	53
8	73668157	99999988	73668169	126331831	100000012	126331843	52
9	74179681	99999985	74179696	125820304	100000015	125820319	51
10	74637255	99999982	74637273	125362727	100000018	125362845	50
11	75051181	99999978	75051203	124948797	100000022	124948819	49
12	75429065	99999974	75429091	124570909	100000026	124570935	48
13	75776684	99999969	75776715	124223285	100000031	124223316	47
14	76098530	99999964	76098566	123901434	100000036	123901470	46
15	76398160	99999959	76398201	123601799	100000041	123601840	45
16	76678445	99999953	76678492	123321508	100000047	123321555	44
17	76941733	99999947	76941786	123058214	100000053	123058267	43
18	77189966	99999940	77190026	122809974	100000060	122810034	42
19	77424775	99999934	77424841	122575159	100000066	122575225	41
20	77647537	99999927	77647610	122352390	100000073	122352463	40
21	77859427	99999919	77859508	122140492	100000081	122140573	39
22	78061458	99999911	78061547	121938453	100000089	121938542	38
23	78254507	99999903	78254604	121745396	100000097	121745493	37
24	78439338	99999894	78439444	121560556	100000106	121560662	36
25	78616623	99999885	78616738	121383262	100000115	121383377	35
26	78786953	99999876	78787077	121212923	100000124	121213047	34
27	78950854	99999866	78950988	121049012	100000134	121049146	33
28	79108793	99999856	79108938	120891062	100000144	120891207	32
29	79261190	99999845	79261344	120738656	100000155	120738810	31
30	79408419	99999835	79408584	120591416	100000165	120591581	30
31	79550819	99999823	79550996	120449004	100000177	120449181	29
32	79688698	99999812	79688886	120311114	100000188	120311302	28
33	79822334	99999800	79822534	120177466	100000200	120177666	27
34	79951980	99999788	79952192	120047808	100000212	120048020	26
35	80077867	99999775	80078092	119921908	100000225	119922133	25
36	80200207	99999762	80200445	119799555	100000238	119799793	24
37	80319195	99999748	80319446	119680554	100000252	119680805	23
38	80435009	99999735	80435274	119564726	100000265	119564991	22
39	80547814	99999721	80548094	119451906	100000279	119452186	21
40	80657763	99999706	80658057	119341943	100000294	119342237	20
41	80764997	99999691	80765306	119234694	100000309	119235003	19
42	80869646	99999676	80869970	119130030	100000324	119130354	18
43	80971832	99999660	80972172	119027828	100000340	119028168	17
44	81071669	99999644	81072025	118927975	100000356	118928331	16
45	81169262	99999628	81169634	118830366	100000372	118830738	15
46	81264710	99999611	81265099	118734901	100000389	118735290	14
47	81358104	99999594	81358510	118641490	100000406	118641896	13
48	81449532	99999577	81449956	118550044	100000423	118550468	12
49	81539075	99999559	81539516	118460484	100000441	118460925	11
50	81626808	99999541	81627267	118372733	100000459	118373192	10
51	81712804	99999522	81713282	118286718	100000478	118287196	9
52	81797129	99999503	81797626	118202374	100000497	118202871	8
53	81879848	99999484	81880364	118119636	100000516	118120152	7
54	81961020	99999464	81961556	118038444	100000536	118038980	6
55	82040703	99999444	82041259	117958741	100000556	117959267	5
56	82118949	99999424	82119526	117880474	100000576	117881051	4
57	82195811	99999403	82196408	117803592	100000597	117804189	3
58	82271335	99999382	82271953	117728047	100000618	117728665	2
59	82345568	99999360	82346208	117653792	100000640	117652432	1
60	82418553	99999338	82419215	117580785	100000662	117581447	0

89 Grad.

1 Grad.

M	Log. Sin.	Log. Sin.	Log. Tan.	Log. Tang.	Log. Seca.	Log. Seca.	M
0	82418553	99999338	82419215	117580785	100000662	117581447	60
1	82490332	99999316	82491015	117508985	100000684	117509668	59
2	82560943	99999294	82561649	117438351	100000706	117439057	58
3	82630424	99999271	82631153	117368847	100000729	117369570	57
4	82698810	99999247	82699563	117300437	100000753	117301181	56
5	82766136	99999224	82766912	117233088	100000776	117233864	55
6	82832434	99999200	82833234	117166766	100000800	117167566	54
7	82897734	99999175	82898559	117101441	100000825	117102266	53
8	82962067	99999150	82962917	117037083	100000850	117037933	52
9	83025460	99999125	83026335	116973665	100000875	116974540	51
10	83087941	99999100	83088842	116911158	100000900	116912059	50
11	83149536	99999074	83150462	116849538	100000926	116850464	49
12	83210269	99999047	83211221	116788779	100000953	116789731	48
13	83270163	99999021	83271143	116728857	100000979	116729837	47
14	83329243	99998994	83330249	116669751	100001006	116670757	46
15	83387529	99998966	83388563	116611437	100001034	116612471	45
16	83445043	99998939	83446105	116553895	100001061	116554958	44
17	83501805	99998911	83502895	116497105	100001089	116498195	43
18	83557835	99998882	83558953	116441047	100001118	116442165	42
19	83613150	99998853	83614297	116385703	100001147	116386850	41
20	83667769	99998824	83668945	116331055	100001176	116332231	40
21	83721710	99998794	83722915	116277085	100001206	116278290	39
22	83774988	99998764	83776223	116223777	100001236	116225012	38
23	83827620	99998734	83828886	116171114	100001266	116172380	37
24	83879622	99998703	83880918	116119082	100001297	116120378	36
25	83931008	99998672	83932336	116067664	100001328	116068992	35
26	83981793	99998641	83983152	116016848	100001359	116018607	34
27	84031990	99998609	84033381	115966619	100001391	115968010	33
28	84081614	99998577	84083037	115916963	100001423	115918376	32
29	84130676	99998544	84132132	115867868	100001456	115869324	31
30	84179190	99998512	84180679	115819321	100001488	115820810	30
31	84227168	99998478	84228690	115771310	100001522	115772832	29
32	84274621	99998445	84276176	115723824	100001555	115725379	28
33	84321561	99998411	84323150	115676850	100001589	115678439	27
34	84367999	99998376	84369622	115630378	100001624	115632001	26
35	84413944	99998342	84415603	115584397	100001658	115586056	25
36	84459409	99998306	84461103	115538897	100001694	115540591	24
37	84504402	99998271	84506131	115493869	100001729	115495598	23
38	84548934	99998235	84550699	115449301	100001765	115451066	22
39	84593013	99998199	84594814	115405186	100001801	115406987	21
40	84636649	99998162	84638486	115361514	100001838	115363351	20
41	84679850	99998125	84681725	115318275	100001875	115320150	19
42	84722626	99998088	84724538	115275462	100001912	115277374	18
43	84764984	99998050	84766933	115233067	100001950	115235016	17
44	84806932	99998012	84808920	115191080	100001988	115193068	16
45	84848479	99997974	84850505	115149495	100002026	115151521	15
46	84889632	99997935	84891696	115108304	100002065	115110368	14
47	84930398	99997896	84932502	115067498	100002104	115069602	13
48	84970784	99997856	84972928	115027072	100002144	115029216	12
49	85010798	99997817	85012982	114987018	100002183	114989202	11
50	85050447	99997776	85052671	114947329	100002224	114949553	10
51	85089736	99997736	85092001	114907999	100002264	114910264	9
52	85128673	99997695	85130978	114869022	100002305	114871327	8
53	85167264	99997653	85169610	114830387	100002347	114832736	7
54	85205514	99997612	85207902	114792098	100002388	114794486	6
55	85243430	99997570	85245860	114754140	100002430	114756570	5
56	85281017	99997527	85283490	114716510	100002473	114718983	4
57	85318281	99997484	85320797	114679203	100002516	114681719	3
58	85355228	99997441	85357787	114642213	100002539	114644772	2
59	85391863	99997398	85394466	114605534	100002602	114608137	1
60	85428192	99997354	85430838	114569162	100002644	114571808	0

88 Grad.

2 Grad.

M	Log. Sin.	Log. Sin.	Log. Tan.	Log. Tang.	Log. Seca.	Log. Seca.	M
0	85428192	99997354	85430838	114569162	100002644	114571808	60
1	85464218	99997309	85466909	114533091	100002681	114535782	59
2	85499948	99997265	85502683	114497317	100002735	114500052	58
3	85535386	99997220	85538166	114461834	100002780	114464614	57
4	85570536	99997174	85573362	114426638	100002826	114429464	56
5	85605404	99997128	85608276	114391724	100002872	114394596	55
6	85639994	99997082	85642912	114357088	100002928	114360006	54
7	85674310	99997036	85677275	114322725	100002964	114325690	53
8	85708357	99996989	85711368	114288632	100003011	114291643	52
9	85742139	99996942	85745197	114254803	100003058	114257861	51
10	85775660	99996894	85778766	114221234	100003106	114224340	50
11	85808923	99996846	85812077	114187923	100003154	114191077	49
12	85841933	99996798	85845136	114154864	100003202	114158067	48
13	85874694	99996749	85877945	114122055	100003251	114125306	47
14	85907209	99996700	85910509	114089491	100003300	114092791	46
15	85939483	99996650	85942832	114057168	100003350	114060517	45
16	85971517	99996601	85974917	114025083	100003399	114028483	44
17	86003317	99996550	86006767	113993233	100003450	113996683	43
18	86034886	99996500	86038386	113961614	100003500	113965114	42
19	86066226	99996449	86069777	113930223	100003551	113933774	41
20	86097341	99996398	86100943	113899057	100003602	113902659	40
21	86128235	99996346	86131889	113868111	100003654	113871765	39
22	86158910	99996294	86162616	113837384	100003706	113841090	38
23	86189369	99996242	86193127	113806873	100003758	113810631	37
24	86219616	99996189	86223427	113776573	100003811	113780384	36
25	86249653	99996136	86253518	113746482	100003864	113750347	35
26	86279484	99996082	86283402	113716598	100003918	113720516	34
27	86309111	99996028	86313083	113686917	100003972	113690889	33
28	86338537	99995974	86342563	113657437	100004026	113661463	32
29	86367764	99995919	86371845	113628155	100004081	113632236	31
30	86396796	99995865	86400931	113599059	100004135	113603204	30
31	86425634	99995809	86429825	113570175	100004191	113574366	29
32	86454282	99995753	86458528	113541472	100004247	113545718	28
33	86482742	99995697	86487044	113512956	100004303	113517258	27
34	86511016	99995641	86515375	113484625	100004359	113488984	26
35	86539107	99995584	86543522	113456478	100004416	113460893	25
36	86567017	99995527	86571490	113428510	100004473	113432983	24
37	86594748	99995469	86599279	113400721	100004531	113405252	23
38	86622303	99995411	86626891	113373109	100004589	113377697	22
39	86649684	99995353	86654331	113345669	100004647	113350316	21
40	86676893	99995297	86681598	113318402	100004703	113323107	20
41	86703932	99995236	86708697	113291303	100004764	113296068	19
42	86730804	99995176	86735628	113264372	100004824	113269196	18
43	86757510	99995116	86762393	113237607	100004884	113242490	17
44	86784052	99995056	86788996	113211004	100004944	113215948	16
45	86810433	99994996	86815437	113184563	100005004	113189567	15
46	86836654	99994935	86841719	113158281	100005065	113163346	14
47	8[illegible]62718	99994874	86867844	113132156	100005126	113137282	13
48	86888625	99994812	86893813	113106187	100005188	113111375	12
49	86914379	99994750	86919629	113080371	100005250	113085621	11
50	86939980	99994688	86945292	113054708	100005312	113060020	10
51	86965431	99994625	86970806	113029194	100005375	113034560	9
52	86990734	99994562	86996173	113003828	100005438	113009266	8
53	87015889	99994498	87021390	112978610	100005502	112984111	7
54	87040899	99994435	87046465	112953535	100005565	112959101	6
55	87065766	99994370	87071395	112928605	100005630	112934234	5
56	87090490	99994306	87096185	112903815	100005694	112909510	4
57	87115075	99994241	87120834	112879166	100005759	112884925	3
58	87139520	99994176	87145345	112854655	100005824	112860480	2
59	87163829	99994110	87169719	112830281	100005890	112[illegible]	1
60	87188002	99994044	87193958	112806042	100005956	112[illegible]	0

87 Grad.

3 Grad.

M	Log. Sin.	Log. Sin.	Log. Tan.	Log Tang.	Log. Seca.	Log. Seca.	M
0	87188002	99994044	87193958	112806042	100005956	112811998	60
1	87212040	99993978	87218063	112781937	100006022	112787960	59
2	87235946	99993911	87242035	112757965	100006089	112764054	58
3	87259721	99993844	87265877	112734123	100006156	112740279	57
4	87283366	99993776	87289589	112710411	100006224	112716634	56
5	87306882	99993708	87313174	112686826	100006292	112693118	55
6	87330272	99993640	87336631	112663369	100006360	112669728	54
7	87353535	99993572	87359964	112640036	100006428	112646465	53
8	87376675	99993503	87383172	112616828	100006497	112623325	52
9	87399691	99993433	87406258	112593742	100006567	112600309	51
10	87422586	99993364	87429222	112570778	100006636	112577414	50
11	87445360	99993293	87452067	112547933	100006707	112554640	49
12	87468015	99993223	87474792	112525208	100006777	112531985	48
13	87490553	99993152	87497400	112502600	100006848	112509447	47
14	87512973	99993081	87519892	112480108	100006919	112487027	46
15	87535278	99993009	87542269	112457731	100006991	112464722	45
16	87557469	99992938	87564531	112435469	100007062	112442531	44
17	87579546	99992865	87586681	112413319	100007135	112420454	43
18	87601512	99992793	87608719	112391281	100007207	112398488	42
19	87623366	99992720	87630647	112369353	100007280	112376634	41
20	87645111	99992646	87652465	112347535	100007354	112354889	40
21	87666747	99992572	87674175	112325825	100007428	112333253	39
22	87688275	99992498	87695777	112304223	100007502	112311725	38
23	87709697	99992424	87717274	112282726	100007576	112290303	37
24	87731014	99992349	87738665	112261335	100007651	112268986	36
25	87752226	99992274	87759952	112240048	100007726	112247774	35
26	87773334	99992198	87781136	112218864	100007802	112226666	34
27	87794340	99992122	87802218	112197782	100007878	112205660	33
28	87815244	99992046	87823199	112176801	100007954	112184756	32
29	87836048	99991969	87844079	112155921	100008031	112163952	31
30	87856753	99991892	87864861	112135139	100008108	112143247	30
31	87877359	99991815	87885544	112114456	100008185	112122641	29
32	87897867	99991737	87906130	112093870	100008263	112102133	28
33	87918278	99991659	87926620	112073380	100008341	112081722	27
34	87938594	99991580	87947014	112052986	100008420	112061406	26
35	87958814	99991501	87967313	112032687	100008499	112041186	25
36	87978941	99991422	87987519	112012481	100008578	112021059	24
37	87998974	99991342	88007632	111992368	100008658	112001026	23
38	88018915	99991262	88027653	111972347	100008738	111981085	22
39	88038764	99991182	88047583	111952417	100008818	111961236	21
40	88058523	99991101	88067422	111932578	100008899	111941477	20
41	88078192	99991020	88087172	111912828	100008980	111921808	19
42	88097772	99990938	88106834	111893166	100009062	111902228	18
43	88117264	99990856	88126407	111873593	100009144	111882736	17
44	88136668	99990774	88145894	111854106	100009220	111863332	16
45	88155985	99990691	88165294	111834706	100009309	111844015	15
46	88175217	99990608	88184608	111815392	100009392	111824783	14
47	88194363	99990525	88203838	111796162	100009475	111805637	13
48	88213425	99990441	88222984	111777016	100009559	111786575	12
49	88232404	99990357	88242046	111757954	100009643	111767596	11
50	88251299	99990273	88261026	111738974	100009727	111748701	10
51	88270112	99990188	88279924	111720076	100009812	111729888	9
52	88288844	99990103	88298741	111701259	100009897	111711156	8
53	88307495	99990017	88317478	111682522	100009983	111692505	7
54	88326066	99989931	88336134	111663866	100010069	111673934	6
55	88344557	99989845	88354712	111645288	100010155	111655453	5
56	88362969	99989758	88373211	111626789	100010242	111637031	4
57	88381304	99989671	88391633	111608367	100010329	111618696	3
58	88399561	99989584	88409977	111590023	100010416	111600439	2
59	88417741	99989496	88428245	111571755	100010504	111582259	1
60	88435845	99989408	88446437	111553563	100010592	111564155	0

86 Grad.

4 Grad.

M	Log. Sin	Log. Sin	Log. Tan.	Log. Tang.	Log. Seca	Log. Seca.	M
0	88435845	99989408	88446437	111553563	100010592	111564155	60
1	88453874	99989319	88464554	111535446	100010681	111546126	59
2	88471827	99989230	88482597	111517403	100010760	111528173	58
3	88489707	99989141	88500566	111499434	100010859	111510293	57
4	88507512	99989052	88518461	111481539	100010948	111492488	56
5	88525245	99988962	88536283	111463717	100011038	111474755	55
6	88542905	99988871	88554034	111445966	100011129	111457095	54
7	88560493	99988780	88571713	111428287	100011220	111439507	53
8	88578010	99988689	88589321	111410679	100011311	111421990	52
9	88595457	99988598	88606859	111393141	100011402	111404543	51
10	88612833	99988506	88624327	111375673	100011494	111387167	50
11	88630139	99988414	88641725	111358275	100011586	111369861	49
12	88647376	99988321	88659055	111340945	100011679	111352624	48
13	88664545	99988228	88676317	111323683	100011772	111335455	47
14	88681646	99988135	88693511	111306489	100011865	111318354	46
15	88698680	99988041	88710638	111289362	100011959	111301320	45
16	88715646	99987947	88727699	111272301	100012053	111284354	44
17	88732546	99987853	88744694	111255306	100012147	111267454	43
18	88749381	99987758	88761623	111238377	100012242	111250619	42
19	88766150	99987663	88778487	111221513	100012337	111233850	41
20	88782854	99987567	88795286	111204714	100012433	111217146	40
21	88799493	99987471	88812022	111187978	100012529	111200507	39
22	88816069	99987375	88828694	111171306	100012625	111183931	38
23	88832581	99987278	88845303	111154697	100012722	111167419	37
24	88849031	99987181	88861850	111138150	100012819	111150969	36
25	88865418	99987084	88878334	111121666	100012916	111134582	35
26	88881743	99986986	88894757	111105243	100013014	111118257	34
27	88898007	99986888	88911119	111088881	100013112	111101993	33
28	88914209	99986790	88927420	111072580	100013210	111085791	32
29	88930351	99986691	88943660	111056340	100013309	111069649	31
30	88946433	99986591	88959842	111040158	100013409	111053367	30
31	88962455	99986492	88975963	111024037	100013508	111037545	29
32	88978418	99986392	88992026	111007974	100013608	111021582	28
33	88994322	99986292	89008030	110991970	100013708	111005678	27
34	89010168	99986191	89023977	110976023	100013809	110989832	26
35	89025955	99986090	89039866	110960134	100013910	110974045	25
36	89041685	99985988	89055697	110944303	100014012	110958315	24
37	89057358	99985886	89071472	110928528	100014114	110942642	23
38	89072975	99985784	89087190	110912810	100014216	110927025	22
39	89088535	99985682	89102853	110897147	100014318	110911465	21
40	89104039	99985579	89118460	110881540	100014421	110895961	20
41	89119487	99985475	89134012	110865988	100014525	110880513	19
42	89134881	99985372	89149509	110850491	100014628	110865119	18
43	89150219	99985268	89164952	110835048	100014732	110849781	17
44	89165504	99985163	89180340	110819660	100014837	110834496	16
45	89180734	99985058	89195675	110804325	100014942	110819236	15
46	89195911	99984953	89210957	110789043	100015047	110804089	14
47	89211034	99984848	89226186	110773814	100015152	110788934	13
48	89226105	99984742	89241363	110758637	100015258	110773895	12
49	89241123	99984636	89256487	110743513	100015364	110758877	11
50	89256089	99984529	89271560	110728440	100015471	110743911	10
51	89271003	99984422	89286581	110713419	100015578	110728997	9
52	89285866	99984315	89301552	110698448	100015685	110714132	8
53	89300678	99984207	89316471	110683529	100015793	110699321	7
54	89315439	99984099	89331340	110668660	100015901	110684564	6
55	89330150	99983990	89346160	110653840	100016010	110669850	5
56	89344811	99983881	89360929	110639071	100016119	110655189	4
57	89359422	99983772	89375650	110624350	100016228	110640578	3
58	89373983	99983663	89390321	110609670	100016337	110626017	2
59	89388496	99983553	89404944	110595056	100016447	110611504	1
60	89402960	99983442	89419518	110580482	100016558	110597040	0

85 Grad

5 Grad.

M	Log. Sin.	Log. Sin.	Log. Tan	Log. Tang.	Log. Seca.	Log. Seca.	M
0	89402960	99983442	89419518	110580482	100016558	110597040	60
1	89417376	99983332	89434044	110565956	100016668	110582624	59
2	89431743	99983220	89448523	110551477	100016780	110568257	58
3	89446063	99983109	89462954	110537046	100016891	110553937	57
4	89460335	99982997	89477338	110522662	100017003	110539665	56
5	89474561	99982885	89491676	110508324	100017115	110525439	55
6	89488739	99982772	89505967	110494033	100017228	110511261	54
7	89502871	99982660	89520211	110479789	100017340	110497129	53
8	89516957	99982546	89534410	110465590	100017454	110483043	52
9	89530996	99982433	89548464	110451436	100017567	110469004	51
10	89544991	99982318	89562672	110437328	100017682	110455009	50
11	89558940	99982204	89576735	110423265	100017796	110441050	49
12	89572843	99982089	89590754	110409246	100017911	110427157	48
13	89586703	99981974	89604728	110395272	100018026	110413297	47
14	89600517	99981859	89618659	110381341	100018141	110399483	46
15	89614288	99981743	89632545	110367455	100018257	110385712	45
16	89628014	99981629	89646386	110353612	100018371	110371986	44
17	89641697	99981510	89660188	110339812	100018489	110358303	43
18	89655337	99981393	89673944	110326056	100018607	110344663	42
19	89668934	99981275	89687658	110312342	100018725	110331066	41
20	89682487	99981158	89701330	110298670	100018842	110317513	40
21	89695999	99981040	89714959	110285041	100018960	110304001	39
22	89709468	99980921	89728547	110271453	100019079	110290532	38
23	89722895	99980802	89742092	110257908	100019198	110277105	37
24	89736280	99980683	89755597	110244403	100019317	110263720	36
25	89749624	99980563	89769060	110230940	100019437	110250376	35
26	89762926	99980443	89782483	110217517	100019557	110237074	34
27	89776188	99980323	89795865	110204135	100019677	110223812	33
28	89789408	99980202	89809206	110190794	100019798	110210592	32
29	89802589	99980081	89822507	110177493	100019919	110197411	31
30	89815729	99979960	89835769	110164231	100020040	110184271	30
31	89828829	99979838	89848991	110151009	100020117	110171171	29
32	89841889	99979716	89862173	110137827	100020284	110158111	28
33	89854910	99979593	89875317	110124683	100020407	110145090	27
34	89867891	99979470	89888421	110111579	100020530	110132109	26
35	89880834	99979347	89901487	110098513	100020653	110119166	25
36	89893737	99979223	89914514	110085486	100020777	110106263	24
37	89906602	99979099	89927503	110072497	100020901	110093398	23
38	89919429	99978975	89940454	110059546	100021005	110080571	22
39	89932217	99978850	89953367	110046633	100021150	110067783	21
40	89944968	99978725	89966243	110033757	100021275	110055032	20
41	89957681	99978599	89979081	110020916	100021401	110042319	19
42	89970356	99978473	89991883	110008117	100021527	110029644	18
43	89982994	99978347	90004647	109995353	100021653	110017006	17
44	89995595	99978220	90017375	109982625	100021780	110004405	16
45	90008160	99978093	90030066	109969934	100021907	109991840	15
46	90020687	99977966	90042721	109957279	100022034	109979313	14
47	90033179	99977838	90055340	109944660	100022162	109966821	13
48	90045634	99977710	90067924	109932076	100022290	109954366	12
49	90058053	99977582	90080471	109919529	100022418	109941947	11
50	90070436	99977453	90092984	109907016	100022547	109929564	10
51	90082784	99977323	90105461	109894539	100022676	109917216	9
52	90095096	99977194	90117903	109882097	100022806	109904904	8
53	90107374	99977064	90130310	109869690	100022936	109892626	7
54	90119616	99976933	90142682	109857318	100023067	109880384	6
55	90131823	99976803	90155021	109844979	100023197	109868177	5
56	90143996	99976672	90167325	109832675	100023328	109856004	4
57	90156135	99976540	90179594	109820406	100023460	109843861	3
58	90168239	99976408	90191831	109808169	100023592	109831761	2
59	90180309	99976276	90204033	109795967	100023724	109819691	1
60	90192346	99976143	90216202	109783798	100023857	109807654	0

84 Grad.

M	Log. Sin.	Log. Sin.	Log. Tan.	Log. Tang.	Log. Seca	Log. Seca	M
0	90192346	99976143	90216202	109783798	100023857	109807654	60
1	90204348	99976011	90228338	109771662	100023989	109795652	59
2	90216318	99975877	90240441	109759559	100024123	109783682	58
3	90228254	99975743	90252510	109747490	100024257	109771746	57
4	90240157	99975609	90264548	109735452	100024391	109759843	56
5	90252027	99975475	90276552	109723448	100024525	109747973	55
6	90263865	99975340	90288524	109711476	100024660	109736135	54
7	90275669	99975205	90300464	109699536	100024795	109724331	53
8	90287442	99975069	90312373	109687627	100024931	109712558	52
9	90299182	99974933	90324249	109675751	100025067	109700818	51
10	90310890	99974797	90336093	109663907	100025203	109689110	50
11	90322567	99974660	90347906	109652094	100025340	109677433	49
12	90334212	99974523	90359688	109640312	100025477	109665788	48
13	90345825	99974386	90371439	109628561	100025614	109654175	47
14	90357407	99974248	90383159	109616841	100025752	109642593	46
15	90368958	99974110	90394848	109605152	100025890	109631042	45
16	90380477	99973971	90406506	109593494	100026029	109619523	44
17	90391966	99973833	90418134	109581866	100026167	109608034	43
18	90403424	99973693	90429731	109570269	100026307	109596576	42
19	90414852	99973554	90441299	109558701	100026446	109585148	41
20	90426249	99973414	90452836	109547164	100026586	109573751	40
21	90437617	99973273	90464343	109535657	100026727	109562383	39
22	90448954	99973132	90475821	109524179	100026868	109551046	38
23	90460261	99972991	90487270	109512730	100027009	109539739	37
24	90471538	99972850	90498689	109501311	100027150	109528462	36
25	90482786	99972708	90510078	109489922	100027292	109517214	35
26	90494005	99972566	90521439	109478561	100027434	109505995	34
27	90505194	99972423	90532771	109467229	100027577	109494806	33
28	90516354	99972280	90544074	109455926	100027720	109483646	32
29	90527485	99972137	90555349	109444651	100027863	109472515	31
30	90538588	99971993	90566595	109433405	100028007	109461412	30
31	90549661	99971849	90577813	109422187	100028151	109450339	29
32	90560706	99971704	90589002	109410998	100028296	109439294	28
33	90571723	99971559	90600164	109399836	100028441	109428277	27
34	90582711	99971414	90611297	109388703	100028586	109417289	26
35	90593671	99971268	90622403	109377597	100028732	109406329	25
36	90604604	99971122	90633482	109366518	100028878	109395396	24
37	90615509	99970976	90644533	109355467	100029024	109384491	23
38	90626386	99970829	90655556	109344444	100029171	109373614	22
39	90637235	99970682	90666553	109333447	100029318	109362765	21
40	90648057	99970535	90677522	109322478	100029465	109351943	20
41	90658852	99970387	90688465	109311535	100029613	109341148	19
42	90669619	99970239	90699381	109300619	100029761	109330381	18
43	90680360	99970090	90710270	109289730	100029910	109319640	17
44	90691074	99969941	90721133	109278867	100030059	109308926	16
45	90701761	99969792	90731969	109268031	100030208	109298239	15
46	90712421	99969642	90742779	109257221	100030358	109287579	14
47	90723055	99969492	90753563	109246437	100030508	109276945	13
48	90733663	99969342	90764321	109235679	100030658	109266337	12
49	90744244	99969191	90775053	109224947	100030809	109255756	11
50	90754799	99969040	90785760	109214240	100030960	109245201	10
51	90765329	99968888	90796441	109203559	100031112	109234671	9
52	90775832	99968736	90807096	109192904	100031264	109224168	8
53	90786310	99968584	90817726	109182274	100031416	109213690	7
54	90796762	99968431	90828331	109171669	100031569	109203238	6
55	90807189	99968278	90838911	109161089	100031722	109192811	5
56	90817590	99968125	90849466	109150534	100031875	109182410	4
57	90827966	99967971	90859996	109140004	100032029	109172034	3
58	90838317	99967817	90870501	109129499	100032183	109161683	2
59	90848643	99967662	90880981	109119019	100032338	109151357	1
60	90858945	99967507	90891438	109108562	100032493	109141055	0

6 Grad.

83 Grad.

7 Grad.

M	Log. Sin.	Log. Sin.	Log. Tan.	Log. Tang.	Log. Seca.	Log. Seca.	M
0	90858945	99967507	90891438	109108562	100032493	109141055	60
1	90869221	99967352	90901869	109098131	100032648	109130779	59
2	90879473	99967196	90912277	109087723	100032804	109120527	58
3	90889700	99967040	90922660	109077340	100032960	109110300	57
4	90899903	99966884	90933020	109066980	100033116	109100097	56
5	90910082	99966727	90943355	109056645	100033273	109089918	55
6	90920237	99966570	90953669	109046333	100033420	109079763	54
7	90930367	99966412	90963955	109036045	100033588	109069633	53
8	90940474	99966254	90974219	109025781	100033746	109059526	52
9	90950556	99966096	90984460	109015540	100033904	109049444	51
10	90960615	99965937	90994678	109005322	100034063	109039385	50
11	90970651	99965778	91004872	108995128	100034222	109029349	49
12	90980662	99965619	91015044	108984956	100034381	109019338	48
13	90990651	99965459	91025192	108974808	100034541	109009349	47
14	91000616	99965299	91035317	108964683	100034701	108999384	46
15	91010558	99965138	91045420	108954580	100034862	108989442	45
16	91020477	99964977	91055500	108944500	100035023	108979523	44
17	91030373	99964816	91065557	108934443	100035184	108969627	43
18	91040246	99964655	91075591	108924406	100035345	108959754	42
19	91050096	99964493	91085604	108914366	100035507	108949904	41
20	91059924	99964330	91095594	108904406	100035670	108940076	40
21	91069729	99964167	91105562	108894438	100035833	108930271	39
22	91079512	99964004	91115508	108884492	100035996	108920488	38
23	91089272	99963841	91125431	108874569	100036159	108910728	37
24	91099010	99963677	91135333	108864667	100036323	108900990	36
25	91108726	99963513	91145213	108854787	100036487	108891274	35
26	91118420	99963348	91155072	108844928	100036652	108881580	34
27	91128092	99963183	91164909	108835091	100036817	108871908	33
28	91137742	99963018	91174724	108825276	100036982	108862258	32
29	91147370	99962852	91184518	108815482	100037148	108852630	31
30	91156977	99962686	91194291	108805709	100037314	108843023	30
31	91166562	99962519	91204043	108795957	100037481	108833438	29
32	91176125	99962352	91213773	108786227	100037648	108823875	28
33	91185667	99962185	91223482	108776518	100037815	108814333	27
34	91195188	99962017	91233171	108766829	100037983	108804812	26
35	91204688	99961849	91242839	108757161	100038151	108795314	25
36	91214167	99961681	91252486	108747514	100038319	108785833	24
37	91223624	99961512	91262112	108737888	100038488	108776376	23
38	91233061	99961343	91271718	108728282	100038657	108766939	22
39	91242477	99961174	91281303	108718697	100038826	108757523	21
40	91251872	99961004	91290868	108709132	100038996	108748128	20
41	91261246	99960834	91300413	108699587	100039166	108738754	19
42	91270600	99960663	91309937	108690063	100039337	108729400	18
43	91279934	99960492	91319442	108680558	100039508	108720066	17
44	91289247	99960321	91328926	108671074	100039679	108710753	16
45	91298539	99960149	91338391	108661609	100039851	108701461	15
46	91307812	99959977	91347835	108652165	100040023	108692188	14
47	91317064	99959804	91357260	108642740	100040196	108682936	13
48	91326297	99959631	91366665	108633335	100040369	108673703	12
49	91335509	99959458	91376051	108623949	100040542	108664481	11
50	91344702	99959284	91385417	108614583	100040716	108655298	10
51	91353875	99959111	91394764	108605236	100040889	108646125	9
52	91363028	99958936	91404092	108595908	100041064	108636972	8
53	91372161	99958761	91413400	108586600	100041239	108627839	7
54	91381275	99958586	91422689	108577311	100041414	108618725	6
55	91390370	99958411	91431959	108568041	100041589	108609630	5
56	91399445	99958235	91441210	108558790	100041765	108600555	4
57	91408501	99958059	91450442	108549558	100041941	108591499	3
58	91417537	99957882	91459655	108540345	100042118	108582463	2
59	91426555	99957705	91468850	108531150	100042295	108573445	1
60	61435553	99957528	91478025	108521975	100042472	108564447	0

82 Grad.

8 Grad.

M	Log. Sin.	Log. Sin.	Log. Tan.	Log. Tang.	Log. Seca.	Log. Seca.	M
0	91435553	99957528	91478025	108521975	100042472	108564447	60
1	91444532	99957350	91487182	108512818	100042650	108555468	59
2	91453493	99957172	91496321	108503679	100042828	108546507	58
3	91462435	99956993	91505441	108494559	100043007	108537565	57
4	91471358	99956815	91514543	108485457	100043185	108528642	56
5	91480262	99956635	91523627	108476373	100043365	108519738	55
6	91489148	99956456	91532692	108467308	100043544	108510852	54
7	91498015	99956276	91541739	108458261	100043724	108501985	53
8	91506864	99956095	91550769	108449231	100043905	108493136	52
9	91515694	99955915	91559780	108440220	100044085	108484306	51
10	91524507	99955734	91568773	108431227	100044266	108475493	50
11	91533301	99955552	91577748	108422252	100044448	108466699	49
12	91542076	99955370	91586706	108413294	100044630	108457924	48
13	91550834	99955188	91595646	108404354	100044812	108449166	47
14	91559574	99955005	91604569	108395431	100044995	108440426	46
15	91568296	99954822	91613473	108386527	100045178	108431704	45
16	91577000	99954639	91622361	108377639	100045361	108423000	44
17	91585686	99954455	91631231	108368769	100045545	108414314	43
18	91594354	99954272	91640083	108359917	100045728	108405646	42
19	91603005	99954087	91648919	108351081	100045913	108396995	41
20	91611639	99953902	91657737	108342263	100046093	108388361	40
21	91620254	99953717	91666538	108333462	100046283	108379746	39
22	91628853	99953531	91675322	108324678	100046469	108371147	38
23	91637434	99953345	91684089	108315911	100046655	108362566	37
24	91645998	99953159	91692839	108307161	100046841	108354002	36
25	91654544	99952972	91701572	108298428	100047028	108345456	35
26	91663074	99952785	91710289	108289711	100047215	108336926	34
27	91671586	99952597	91718989	108281011	100047403	108328414	33
28	91680081	99952409	91727672	108272328	100047591	108319919	32
29	91688559	99952221	91736338	108263662	100047779	108311441	31
30	91697021	99952033	91744988	108255012	100047967	108302979	30
31	91705465	99951844	91753622	108246378	100048156	108294535	29
32	91713893	99951654	91762239	108237761	100048346	108286107	28
33	91722305	99951464	91770840	108229160	100048536	108277695	27
34	91730699	99951274	91779425	108220575	100048726	108269301	26
35	91739077	99951084	91787993	108212007	100048916	108260923	25
36	91747439	99950893	91796546	108203454	100049107	108252561	24
37	91755784	99950702	91805082	108194918	100049298	108244216	23
38	91764112	99950510	91813602	108186398	100049490	108235888	22
39	91772425	99950318	91822106	108177894	100049682	108227575	21
40	91780721	99950126	91830595	108169405	100049874	108219279	20
41	91789001	99949933	91839068	108160932	100050067	108210999	19
42	91797265	99949740	91847525	108152475	100050260	108202735	18
43	91805512	99949546	91855966	108144034	100050454	108194488	17
44	91813744	99949352	91864392	108135608	100050648	108186256	16
45	91821960	99949158	91872802	108127198	100050842	108178040	15
46	91830160	99948964	91881196	108118804	100051036	108169840	14
47	91838344	99948769	91889575	108110425	100051231	108161656	13
48	91846512	99948573	91897939	108102061	100051427	108153488	12
49	91854665	99948377	91906287	108093713	100051623	108145335	11
50	91862802	99948181	91914621	108085379	100051819	108137198	10
51	91870923	99947985	91922939	108077061	100052015	108129077	9
52	91879029	99947788	91931241	108068759	100052212	108120971	8
53	91887120	99947591	91939529	108060471	100052409	108112880	7
54	91895195	99947393	91947802	108052198	100052607	108104805	6
55	91903254	99947195	91956059	108043941	100052805	108096746	5
56	91911299	99946997	91964302	108035698	100053003	108088701	4
57	91919328	99946798	91972530	108027470	100053402	108080672	3
58	91927342	99946599	61980743	108019257	100053601	108072658	2
59	91935341	99946399	91988941	108011059	100053701	108064659	1
60	91943324	99946199	91997125	108002875	100053801	108056676	0

81 Grad.

9 Grad.

M	Log. Sin.	Log. Sin.	Log. Tan.	Log Tang.	Log. Seca.	Log. Seca.	M
0	91943324	99946199	91997125	108002875	100053801	108056676	60
1	91951293	99945999	92005294	107994706	100054001	108048707	59
2	91959247	99945798	92013449	107986551	100054202	108040753	58
3	91967186	99945597	92021588	107978411	100054403	108032814	57
4	91975110	99945396	92029714	107970286	100054604	108024890	56
5	91983019	99945194	92037825	107962175	100054806	108016981	55
6	91990913	99944992	92045922	107954078	100055008	108009087	54
7	91998793	99944789	92054004	107945996	100055211	108001207	53
8	92006658	99944587	92062072	107937928	100055413	107993342	52
9	92014509	99944383	92070126	107929874	100055617	107985491	51
10	92022345	99944180	92078165	107921835	100055820	107977655	50
11	92030167	99943975	92086191	107913809	100056025	107969833	49
12	92037974	99943771	92094203	107905797	100056229	107962026	48
13	92045766	99943566	92102200	107897800	100056434	107954234	47
14	92053545	99943361	92110184	107889816	100056639	107946455	46
15	92061309	99943156	92118153	107881847	100056844	107938691	45
16	92069059	99942950	92126109	107873891	100057050	107930941	44
17	92076795	99942743	92134051	107865949	100057257	107923205	43
18	92084516	99942537	92141980	107858020	100057463	107915484	42
19	92092224	99942330	92149894	107850106	100057660	107907776	41
20	92099917	99942122	92157795	107842205	100057878	107900083	40
21	92107597	99941914	92165683	107834317	100058086	107892403	39
22	92115263	99941706	92173556	107826444	100058294	107884737	38
23	92122914	99941498	92181417	107818583	100058502	107877086	37
24	92130552	99941289	92189264	107810736	100058711	107869448	36
25	92138176	99941079	92197097	107802903	100058921	107861824	35
26	92145787	99940870	92204917	107795083	100059130	107854213	34
27	92153384	99940659	92212724	107787276	100059341	107846616	33
28	92160967	99940449	92220518	107779482	100059551	107839033	32
29	92168536	99940238	92228298	107771702	100059762	107831464	31
30	92176092	99940027	92236065	107763935	100059973	107823908	30
31	92183635	99939815	92243819	107756181	100060185	107816365	29
32	92191164	99939603	92251561	107748439	100060397	107808836	28
33	92198680	99939391	92259289	107740711	100060609	107801320	27
34	92206182	99939178	92267004	107732996	100060822	107793818	26
35	92213671	99938965	92274706	107725294	100061035	107786329	25
36	92221147	99938752	92282395	107717605	100061248	107778853	24
37	92228609	99938538	92290071	107709929	100061462	107771391	23
38	92236059	99938324	92297735	107702265	100061676	107763941	22
39	92243495	99938109	92305386	107694614	100061891	107756505	21
40	92250918	99937894	92313024	107686976	100062106	107749082	20
41	92258328	99937679	92320650	107679350	100062321	107741672	19
42	92265725	99937463	92328262	107671738	100062537	107734275	18
43	92273110	99937247	92335863	107664137	100062753	107726890	17
44	92280481	99937030	92343451	107656549	100062970	107719519	16
45	92287839	99936813	92351026	107648974	100063187	107712161	15
46	92295185	99936596	92358589	107641411	100063404	107704815	14
47	92302518	99936378	92366139	107633861	100063622	107697482	13
48	92309838	99936160	92373678	107626322	100063840	107690162	12
49	92317145	99935942	92381203	107618797	100064058	107682855	11
50	92324440	99935723	92388717	107611283	100064277	107675560	10
51	92331722	99935504	92396218	107603782	100064496	107668278	9
52	92338992	99935285	92403708	107596292	100064715	107661008	8
53	92346249	99935065	92411185	107588815	100064935	107653751	7
54	92353494	99934844	92418650	107581350	100065156	107646506	6
55	92360726	99934624	92426103	107573897	100065376	107639274	5
56	92367946	99934403	92433543	107566457	100065597	107632054	4
57	92375153	99934181	92440972	107559028	100065819	107624847	3
58	92382349	99933959	92448389	107551611	100066041	107617651	2
59	92389532	99933737	92455794	107544206	100066263	107610468	1
60	92306702	99933515	92463188	107536812	100066485	107603298	0

80 Grad.

10 Grad.

M	Log. Sin.	Log. Sin.	Log. Tan.	Log. Tang.	Log. Seca.	Log. Seca.	M
0	92396702	99933515	92463188	107536812	100066485	107603298	60
1	92403861	99933292	92470569	107529431	100066708	107596139	59
2	92411007	99933068	92477939	107522061	100066932	107588993	58
3	92418141	99932845	92485297	107514703	100067155	107581859	57
4	92425264	99932621	92492643	107507357	100067379	107574736	56
5	92432374	99932396	92499978	107500022	100067604	107567626	55
6	92439472	99932171	92507301	107492699	100067829	107560528	54
7	92446558	99931946	92514612	107485388	100068054	107553442	53
8	92453632	99931720	92521912	107478088	100068280	107546368	52
9	92460695	99931494	92529200	107470800	100068506	107539305	51
10	92467746	99931268	92536477	107463523	100068732	107532254	50
11	92474784	99931041	92543743	107456257	100068959	107525216	49
12	92481811	99930814	92550997	107449003	100069186	107518189	48
13	92488827	99930587	92558240	107441760	100069413	107511173	47
14	92495830	99930359	92565472	107434528	100069641	107504170	46
15	92502822	99930131	92572692	107427308	100069866	107497178	45
16	92509803	99929902	92579901	107420099	100070098	107490197	44
17	92516772	99929673	92587099	107412901	100070327	107483227	43
18	92523729	99929444	92594285	107405715	100070556	107476271	42
19	92530675	99929214	92601461	107398539	100070786	107469325	41
20	92537609	99928984	92608625	107391375	100071016	107462391	40
21	92544532	99928753	92615779	107384221	100071247	107455468	39
22	92551444	99928522	92622921	107377079	100071478	107448556	38
23	92558344	99928291	92630053	107369947	100071709	107441656	37
24	92565233	99928059	92637173	107362827	100071941	107434767	36
25	92572110	99927827	92644283	107355717	100072173	107427890	35
26	92578977	99927595	92651382	107348618	100072405	107421023	34
27	92585832	99927362	92658470	107341530	100072638	107414168	33
28	92592676	99927129	92665547	107334453	100072871	107407324	32
29	92599509	99926895	92672613	107427387	100073105	107400491	31
30	92606330	99926661	92679669	107320331	100073339	107393660	30
31	92613141	99926427	92686714	107313286	100073573	107386859	29
32	92619941	99926192	92693749	107306251	100073808	107380059	28
33	92626729	99925957	92700772	107299228	100074043	107373271	27
34	92633507	99925722	92707786	107292214	100074278	107366493	26
35	92640274	99925486	92714788	107285212	100074514	107359726	25
36	92647030	99925250	92721780	107278220	100074750	107352970	24
37	92653775	99925013	92728762	107271238	100074987	107346225	23
38	92660509	99924776	92735733	107264267	100075224	107339491	22
39	92667232	99924539	92742694	107257306	100075461	107332768	21
40	92673945	99924301	92749644	107250356	100075699	107326055	20
41	92680647	99924063	92756584	107243416	100075937	107319353	19
42	92687338	99923824	92763514	107236486	100076176	107312662	18
43	92694019	99923585	92770434	107229566	100076415	107305991	17
44	92700689	99923346	92777343	107222657	100076654	107299311	16
45	92707348	99923106	92784242	107215758	100076894	107292652	15
46	92713997	99922866	92791131	107208869	100077134	107286003	14
47	92720635	99922626	92798009	107201991	100077374	107279365	13
48	92727263	99922385	92804878	107195122	100077615	107272737	12
49	92733880	99922144	92811736	107188264	100077856	107266120	11
50	92740487	99921902	92818585	107181415	100078098	107259513	10
51	92747083	99921660	92825423	107174577	100078340	107252917	9
52	92753669	99921418	92832251	107167749	100078582	107246331	8
53	92760245	99921175	92839070	107160930	100078825	107239755	7
54	92766811	99920932	92845879	107154122	100079068	107233189	6
55	92773366	99920689	92852677	107147323	100079311	107226634	5
56	92779911	99920445	92859466	107140534	100079555	107220089	4
57	92786445	99920201	92866245	107133755	100079799	107213555	3
58	92792970	99919956	92873014	107126986	100080044	107207030	2
59	92799484	99919711	92879773	107120227	100080289	107200516	1
60	92805988	99919466	92886523	107113477	100080534	107194012	0

79 Grad.

M	Log. Sin.	Log. Sin.	Log Tan	Log Tang.	Log. Seca.	Log. Seca.	M
0	92805988	99919466	92886523	107113477	100080534	107194012	60
1	92812483	99919220	92893263	107106737	100080780	107187517	59
2	92818967	99918974	92899993	107100007	100081026	107181033	58
3	92825441	99918727	92906713	107093287	100081273	107174559	57
4	92831905	99918480	92913424	107086576	100081520	107168095	56
5	92838359	99918233	92920126	107079874	100081767	107161641	55
6	92844803	99917986	92926817	107073183	100082014	107155197	54
7	92851237	99917737	92933500	107066500	100082263	107148763	53
8	92857661	99917489	92940172	107059828	100082511	107142339	52
9	92864076	99917240	92946836	107053164	100082760	107135924	51
10	92870480	99916991	92953489	107046511	100083009	107129520	50
11	92876875	99916741	92960134	107039866	100083259	107123125	49
12	92883260	99916492	92966769	107033231	100083508	107116740	48
13	92889636	99916241	92973395	107026605	100083759	107110364	47
14	92896001	99915990	92980011	107019989	100084010	107103999	46
15	92902357	99915739	92986618	107013382	100084261	107097643	45
16	92908704	99915488	92993216	107006784	100084512	107091296	44
17	92915040	99915236	92999804	107000196	100084764	107084960	43
18	92921367	99914984	93006383	106993617	100085016	107078633	42
19	92927685	99914731	93012954	106987046	100085269	107072315	41
20	92933993	99914478	93019514	106980486	100085522	107066007	40
21	92940291	99914225	93026066	106973934	100085775	107059709	39
22	92946580	99913971	93032609	106967391	100086029	107053420	38
23	92952859	99913717	93039143	106960857	100086283	107047141	37
24	92959129	99913462	93045667	106954333	100086538	107040871	36
25	92965390	99913207	93052183	106947817	100086793	107034610	35
26	92971641	99912952	93058689	106941311	100087048	107028359	34
27	92977883	99912696	93065187	106934813	100087304	107022117	33
28	92984116	99912440	93071675	106928325	100087560	107015884	32
29	92990339	99912184	93078155	106921845	100087816	107009661	31
30	92996553	99911927	93084626	106915374	100088073	107003447	30
31	93002758	99911670	93091088	106908912	100088330	106997242	29
32	93008953	99911412	93097541	106902459	100088588	106991047	28
33	93015140	99911154	93103985	106896015	100088846	106984860	27
34	93021317	99910896	93110421	106889579	100089104	106978683	26
35	93027485	99910637	93116848	106883152	100089363	106972515	25
36	93033644	99910378	93123266	106876734	100089622	106966356	24
37	93039794	99910119	93129675	106870325	100089881	106960206	23
38	93045934	99909859	93136076	106863924	100090141	106954066	22
39	93052066	99909598	93142468	106857532	100090402	106947934	21
40	93058189	99909338	93148851	106851149	100090662	106941811	20
41	93064303	99909077	93155226	106844774	100090923	106935697	19
42	93070407	99908815	93161592	106838408	100091185	106929533	18
43	93076503	99908553	93167950	106832050	100091447	106923497	17
44	93082590	99908291	93174299	106825701	100091709	106917410	16
45	93088668	99908029	93180640	106819360	100091971	106911332	15
46	93094737	99907766	93186972	106813028	100092234	106905263	14
47	93100798	99907502	93193295	106806705	100092498	106899202	13
48	93106849	99907239	93199611	106800389	100092761	106893151	12
49	93112892	99906974	93205918	106794082	100093026	106887108	11
50	93118926	99906710	93212216	106787784	100093290	106881074	10
51	93124951	99906445	93218506	106781494	100093555	106875049	9
52	93130968	99906180	93224788	106775212	100093820	106869032	8
53	93136976	99905914	93231061	106768939	100094086	106863024	7
54	93142975	99905648	93237327	106762673	100094352	106857025	6
55	93148965	99905382	93243584	106756416	100094618	106851035	5
56	93154947	99905115	93249832	106750168	100094885	106845053	4
57	93160921	99904848	93256073	106743927	100095152	106839079	3
58	93166885	99904580	93262305	106737695	100095420	106833115	2
59	93172841	99904312	93268529	106731471	100095688	106827159	1
60	93178789	99904044	93274745	106725255	100095956	106821211	0

11 Grad.

78 Grad.

12 Grad.

M	Log. Sin.	Log. Sin.	Log Tan.	Log Tang.	Log. Seca.	Log. Seca.	M
0	93178789	99904044	93274745	106725255	100095956	106821211	60
1	93184728	99903775	93280953	106719047	100096225	106815272	59
2	93190659	99903506	93287153	106712847	100096492	106809341	58
3	93196581	99903237	93293345	106706655	100096763	106803419	57
4	93202495	99902967	93299528	106700472	100097033	106797505	56
5	93208400	99902697	93305704	106694296	100097303	106791600	55
6	93214297	99902426	93311872	106688128	100097574	106785703	54
7	93220186	99902155	93318031	106681969	100097845	106779814	53
8	93226066	99901883	93324183	106675817	100098117	106773934	52
9	93231938	99901612	93330327	106669673	100098388	106768062	51
10	93237802	99901339	93336463	106663537	100098661	106762198	50
11	93243657	99901067	93342591	106657409	100098933	106756343	49
12	93249505	99900794	93348711	106651289	100099206	106750495	48
13	93255344	99900521	93354823	106645177	100099479	106744656	47
14	93261174	99900247	93360927	106639073	100099753	106738826	46
15	93266997	99899973	93367024	106632976	100100027	106733003	45
16	93272811	99899698	93373113	106626887	100100302	106727189	44
17	93278617	99899423	93379194	106620806	100100577	106721383	43
18	93284416	99899148	93385267	106614733	100100852	106715584	42
19	93290206	99898873	93391333	106608667	100101127	106709794	41
20	93295988	99898597	93397391	106602609	100101403	106704012	40
21	93301761	99898320	93403441	106596559	100101680	106698239	39
22	93307527	99898043	93409484	106590516	100101957	106692473	38
23	93313285	99897766	93415519	106584481	100102234	106686715	37
24	93319035	99897489	93421546	106578454	100102511	106680965	36
25	93324777	99897211	93427566	106572434	100102789	106675223	35
26	93330511	99896932	93433578	106566422	100103068	106669489	34
27	93336237	99896654	93439583	106560417	100103346	106663763	33
28	93341955	99896374	93445580	106554420	100103626	106658045	32
29	93347665	99896095	93451570	106548430	100103905	106652335	31
30	93353368	99895815	93457552	106542448	100104185	106646632	30
31	93359062	99895535	93463527	106536473	100104465	106640938	29
32	93364749	99895254	93469494	106530506	100104746	106635251	28
33	93370428	99894973	93475454	106524546	100105027	106629572	27
34	93376099	99894692	93481407	106518593	100105308	106623901	26
35	93381762	99894410	93487352	106512648	100105590	106618238	25
36	93387418	99894128	93493290	106506710	100105872	106612582	24
37	93393065	99893845	93499220	106500780	100106155	106606937	23
38	93398706	99893562	93505143	106494857	100106438	106601294	22
39	93404338	99893279	93511059	106488941	100106721	106595662	21
40	93409963	99892995	93516968	106483032	100107005	106590037	20
41	93415580	99892711	93522869	106477131	100107289	106584420	19
42	93421190	99892427	93528763	106471237	100107573	106578810	18
43	93426792	99892142	93534650	106465350	100107848	106573208	17
44	93432386	99891856	93540530	106459470	100108144	106567714	16
45	93437973	99891571	93546402	106453598	100108429	106562027	15
46	93443552	99891285	93552267	106447733	100108715	106556448	14
47	93449124	99890998	93558126	106441874	100109002	106550876	13
48	93454688	99890711	93563977	106436023	100109289	106545312	12
49	93460245	99890424	93569821	106430179	100109576	106539755	11
50	93465794	99890137	93575658	106424342	100109863	106534206	10
51	93471336	99889849	93581487	106418513	100110151	106528664	9
52	93476870	99889560	93587310	106412690	100110440	106523130	8
53	93482397	99889271	93593126	106406874	100110729	106517603	7
54	93487917	99888982	93598935	106401065	100111018	106512083	6
55	93493429	99888693	93604736	106395264	100111307	106506571	5
56	93498934	99888403	93610531	106389469	100111597	106501066	4
57	93504432	99888113	93616319	106383681	100111887	106495568	3
58	93509922	99887822	93622100	106377900	100112178	106490078	2
59	93515405	99887531	93627874	106372126	100112469	106484595	1
60	93520880	99887239	93633641	106366359	100112761	106479120	0

77 Grad.

13 Grad.

M	Log. Sin.	Log. Sin.	Log. Tan.	Log. Tang.	Log. Seca.	Log. Seca.	M
0	93520880	99887239	93633641	106366359	100112761	106479120	60
1	93526349	99886947	93639401	106360599	100113053	106473651	59
2	93531810	99886655	93645155	106354845	100113345	106468190	58
3	93537264	99886363	93650901	106349099	100113637	106462736	57
4	93542710	99886070	93656641	106343359	100113930	106457290	56
5	93548150	99885776	93662374	106337626	100114224	106451850	55
6	93553582	99885482	93668100	106331900	100114518	106446418	54
7	93559007	99885188	93673819	106326181	100114812	106440993	53
8	93564426	99884894	93679532	106320468	100115106	106435574	52
9	93569836	99884599	93685238	106314762	100115401	106430164	51
10	93575240	99884303	93690937	106309063	100115697	106424760	50
11	93580637	99884008	93696629	106303371	100115992	106419363	49
12	93586027	99883712	93702315	106297685	100116288	106413973	48
13	93591409	99883415	93707994	106292006	100116585	106408591	47
14	93596785	99883118	93713667	106286333	100116882	106403215	46
15	93602154	99882821	93719333	106280667	100117179	106397846	45
16	93607515	99882523	93724992	106275008	100117477	106392485	44
17	93612870	99882225	93730645	106269355	100117775	106387130	43
18	93618217	99881927	93736291	106263709	100118078	106381783	42
19	93623558	99881628	93741930	106258070	100118372	106376442	41
20	93628892	99881329	93747563	106252437	100118671	106371108	40
21	93634219	99881029	93753190	106246810	100118971	106365781	39
22	93639539	99880729	93758810	106241190	100119271	106360461	38
23	93644852	99880429	93764423	106235577	100119571	106355148	37
24	93650158	99880128	93770030	106229970	100119872	106349842	36
25	93655458	99879827	93775631	106224369	100120173	106344542	35
26	93660750	99879525	93781225	106218775	100120475	106339250	34
27	93666036	99879223	93786813	106213187	100120777	106333964	33
28	93671315	99878921	93792394	106207606	100121079	106328685	32
29	93676587	99878618	93797969	106202031	100121382	106323413	31
30	93681853	99878315	93803537	106196463	100121685	106318147	30
31	93687111	99878012	93809100	106190900	100121988	106312889	29
32	93692363	99877708	93814655	106185345	100122292	106307637	28
33	93697608	99877404	93820205	106179795	100122596	106302392	27
34	93702847	99877099	93825748	106174252	100122901	106297153	26
35	93708079	99876794	93831285	106168715	100123206	106291921	25
36	93713304	99876488	93836816	106163184	100123512	106286696	24
37	93718523	99876183	93842340	106157660	100123817	106281477	23
38	93723735	99875876	93847858	106152142	100124124	106276265	22
39	93728940	99875570	93853370	106146630	100124430	106271060	21
40	93734139	99875263	93858876	106141124	100124737	106265861	20
41	93739331	99874955	93864376	106135624	100125045	106260669	19
42	93744517	99874648	93869869	106130131	100125352	106255483	18
43	93749696	99874339	93875356	106124644	100125661	106250304	17
44	93754868	99874031	93880837	106119163	100125969	106245132	16
45	93760034	99873722	93886312	106113688	100126278	106239966	15
46	93765194	99873413	93891781	106108219	100126587	106234806	14
47	93770347	99873103	93897244	106102756	100126897	106229653	13
48	93775493	99872793	93902700	106097300	100127207	106224507	12
49	93780633	99872482	93908151	106091849	100127518	106219367	11
50	93785767	99872171	93913595	106086405	100127829	106214233	10
51	93790894	99871860	93919034	106080966	100128140	106209106	9
52	93796015	99871549	93924466	106075534	100128451	106203985	8
53	93801129	99871236	93929893	106070107	100128764	106198871	7
54	93806237	99870924	93935313	106064687	100129076	106193763	6
55	93811339	99870611	93940727	106059273	100129389	106188661	5
56	93816434	99870298	93946136	106053864	100129702	106183566	4
57	93821523	99869984	93951538	106048462	100130016	106178477	3
58	93826605	99869670	93956935	106043065	100130330	106173395	2
59	93831682	99869356	93962326	106037674	100130644	106168318	1
60	93836752	99869041	93967711	106032289	100130959	106163248	0

76 Grad.

14 Grad.

M	Log. Sin.	Log. Sin.	Log. Tan.	Log. Tang.	Log. Seca.	Log. Seca.	M
0	93836752	99869041	93967711	106032289	100130959	106163248	60
1	93841815	99868726	93973089	106026911	100131274	106158185	59
2	93846873	99868410	93978463	106021537	100131590	106153127	58
3	93851924	99868094	93983830	106016170	100131906	106148076	57
4	93856969	99867778	93989191	106010800	100132222	106143031	56
5	93862008	99867461	93994547	106005453	100132539	106137992	55
6	93867040	99867144	93999896	106000104	100132856	106132960	54
7	93872067	99866827	94005240	105994760	100133173	106127933	53
8	93877087	99866509	94010578	105989422	100133491	106122913	52
9	93882101	99866191	94015910	105984090	100133809	106117899	51
10	93887109	99865872	94021237	105978763	100134128	106112891	50
11	93892111	99865553	94026558	105973442	100134447	106107889	49
12	93897106	99865233	94031873	105968127	100134761	106102894	48
13	93902096	99864913	94037182	105962818	100135087	106097904	47
14	93907079	99864593	94042486	105957514	100135407	106092921	46
15	93912057	99864273	94047784	105952216	100135727	106087943	45
16	93917028	99863952	94053076	105946924	100136048	106082972	44
17	93921993	99863630	94058363	105941637	100136360	106078007	43
18	93926952	99863308	94063644	105936356	100136692	106073048	42
19	93931905	99862986	94068919	105931081	100137014	106068095	41
20	93936852	99862663	94074189	105925811	100137337	106063148	40
21	93941794	99862340	94079453	105920547	100137660	106058206	39
22	93946729	99862017	94084712	105915288	100137983	106053271	38
23	93951658	99861693	94089965	105910035	100138307	106048342	37
24	93956581	99861369	94095212	105904788	100138631	106043419	36
25	93961499	99861045	94100454	105899546	100138955	106038501	35
26	93966410	99860720	94105690	105894310	100139280	106038590	34
27	93971315	99860394	94110921	105889079	100139606	106028685	33
28	93976215	99860069	94116146	105883854	100139931	106023785	32
29	93981109	99859742	94121366	105878634	100140258	106018891	31
30	93985996	99859416	94126581	105873419	100140584	106014004	30
31	93990878	99859089	94131789	105868211	100140911	106009122	29
32	93995754	99858762	94136993	105863007	100141238	106004246	28
33	94000625	99858434	94142191	105857809	100141566	105999375	27
34	94005489	99858106	94147383	105852617	100141894	105994511	26
35	94010348	99857777	94152570	105847430	100142223	105989652	25
36	94015201	99857449	94157752	105842248	100142551	105984799	24
37	94020048	99857119	94162928	105837072	100142881	105979952	23
38	94024889	99856790	94168099	105831901	100143210	105975111	22
39	94029734	99856460	94173265	105826735	100143540	105970266	21
40	94034554	99856129	94178425	105821575	100143871	105965446	20
41	94039378	99855798	94183580	105816420	100144202	105960622	19
42	94044196	99855467	94188729	105811271	100144533	105955804	18
43	94049009	99855135	94193874	105806126	100144865	105950991	17
44	94053816	99854803	94199013	105800987	100145197	105946184	16
45	94058617	99854471	94204146	105795854	100145529	105941383	15
46	94063413	99854138	94209275	105790725	100145862	105936587	14
47	94068203	99853805	94214398	105785602	100146195	105931797	13
48	94072987	99853471	94219515	105780485	100146529	105927013	12
49	94077766	99853138	94224628	105775372	100146812	105922234	11
50	94082539	99852803	94229735	105770265	100147197	105917461	10
51	940873 00	99852468	94234838	105765162	100147582	105912694	9
52	94092068	99852133	94239935	105760065	100147867	105907932	8
53	94096824	99851798	94245026	105754974	100148202	105903176	7
54	94101575	99851462	94250113	105749887	100148538	105898425	6
55	94106320	99851125	94255194	105744806	100148875	105893680	5
56	94111059	99850789	94260271	105739729	100149211	105888941	4
57	94115793	99850452	94265342	105734658	100149548	105884207	3
58	94120522	99850114	94270408	105729592	100149886	105879478	2
59	94125245	99849776	94275469	105724531	100150224	105874755	1
60	94129962	99849438	94280525	105719475	100150562	105870038	0

75 Grad.

15 Grad.

M	Log. Sin.	Log. Sin.	Log. Tan.	Log. Tang	Log. Seca.	Log. Seca.	M
0	94129962	99849438	94280525	105719475	100150562	105870038	60
1	94134674	99849099	94285575	105714425	100150901	105865326	59
2	94139381	99848760	94290621	105709379	100151240	105860619	58
3	94144082	99848420	94295661	105704339	100151580	105855918	57
4	94148778	99848081	94300697	105699303	100151919	105851222	56
5	94153468	99847740	94305727	105694273	100152260	105846532	55
6	94158152	99847400	94310753	105689247	100152600	105841848	54
7	94162832	99847059	94315773	105684227	100152941	105837168	53
8	94167506	99846717	94320789	105679211	100153283	105832494	52
9	94172174	99846375	94325799	105674201	100153625	105827826	51
10	94176837	99846033	94330804	105669196	100153967	105823163	50
11	94181495	99845690	94335805	105664195	100154310	105818505	49
12	94186148	99845347	94340800	105659200	100154653	105813852	48
13	94190795	99845004	94345791	105654209	100154996	105809205	47
14	94195436	99844660	94350776	105649224	100155340	105804564	46
15	94200073	99844316	94355757	105644243	100155684	105799927	45
16	94204704	99843971	94360733	105639267	100156029	105795296	44
17	94209330	99843626	94365704	105634296	100156374	105790670	43
18	94213950	99843281	94370670	105629330	100156719	105786050	42
19	94218566	99842935	94375631	105624369	100157065	105781434	41
20	94223176	99842589	94380587	105619413	100157411	105776824	40
21	94227780	99842242	94385538	105614462	100157758	105772220	39
22	94232380	99841895	94390485	105609515	100158105	105767620	38
23	94236974	99841548	94395426	105604574	100158452	105763026	37
24	94241563	99841200	94400363	105599637	100158800	105758437	36
25	94246147	99840852	94405295	105594705	100159148	105753853	35
26	94250726	99840503	94410222	105589778	100159497	105749274	34
27	94255299	99840154	94415145	105584855	100159846	105744701	33
28	94259867	99839805	94420062	105579938	100160195	105740133	32
29	94264430	99839455	94424975	105575025	100160545	105735570	31
30	94268988	99839105	94429883	105570117	100160895	105731012	30
31	94273541	99838755	94434786	105565214	100161245	105726459	29
32	94278089	99838404	94439685	105560315	100161596	105721911	28
33	94282631	99838052	94444579	105555421	100161948	105717369	27
34	94287169	99837701	94449468	105550532	100162299	105712831	26
35	94291701	99837348	94454352	105545648	100162652	105708299	25
36	94296228	99836996	94459232	105540768	100163004	105703772	24
37	94300750	99836643	94464107	105535893	100163357	105699250	23
38	94305267	99836290	94468978	105531022	100163710	105694733	22
39	94309779	99835936	94473843	105526157	100164064	105690221	21
40	94314286	99835582	94478704	105521296	100164418	105685714	20
41	94318788	99835227	94483561	105516439	100164773	105681212	19
42	94323285	99834872	94488413	105511587	100165128	105676715	18
43	94327777	99834517	94493260	105506740	100165483	105672223	17
44	94332264	99834161	94498102	105501898	100165839	105667736	16
45	94336746	99833805	94502940	105497060	100166195	105663254	15
46	94341223	99833449	94507774	105492226	100166551	105658777	14
47	94345694	99833092	94512602	105487398	100166908	105654306	13
48	94350161	99832735	94517427	105482573	100167265	105649839	12
49	94354623	99832377	94522246	105477754	100167623	105645377	11
50	94359080	99832019	94527061	105472939	100167981	105640920	10
51	94363532	99831661	94531872	105468128	100168339	105636468	9
52	94367980	99831302	94536678	105463322	100168698	105632020	8
53	94372422	99830942	94541479	105458521	100169058	105627578	7
54	94376859	99830583	94546276	105453724	100169417	105623141	6
55	94381292	99830223	94551069	105448931	100169777	105618708	5
56	94385719	99829862	94555857	105444143	100170138	105614281	4
57	94390142	99829501	94560641	105439359	100170499	105609858	3
58	94394560	99829140	94565420	105434580	100170860	105605440	2
59	94398973	99828778	94570194	105429806	100171222	105601027	1
60	94403381	99828416	94574964	105425036	100171584	105596619	0

74 Grad.

16 Grad.

M	Log. Sin.	Log. Sin.	Log. Tan.	Log. Tang.	Log. Seca.	Log. Seca.	M
0	94403381	99828416	94574964	105425036	100171584	105596619	60
1	94407784	99828054	94579730	105420270	100171940	105592216	59
2	94412182	99827691	94584491	105415509	100172309	105587818	58
3	94416576	99827328	94589248	105410752	100172672	105583424	57
4	94420965	99826964	94594001	105405999	100173036	105579035	56
5	94425349	99826600	94598749	105401251	100173400	105574651	55
6	94429728	99826236	94603492	105396508	100173764	105570272	54
7	94434103	99825871	94608232	105391768	100174129	105565897	53
8	94438472	99825506	94612967	105387033	100174494	105561528	52
9	94442837	99825140	94617697	105382303	100174860	105557163	51
10	94447197	99824774	94622423	105377577	100175226	105552803	50
11	94451553	99824408	94627145	105372855	100175592	105548447	49
12	94455904	99824041	94631863	105368137	100175959	105544096	48
13	94460250	99823674	94636576	105363424	100176326	105539750	47
14	94464591	99823306	94641285	105358715	100176694	105535409	46
15	94468927	99822938	94645990	105354010	100177062	105531073	45
16	94473259	99822569	94650690	105349310	100177431	105526741	44
17	94477586	99822201	94655386	105344614	100177799	105522414	43
18	94481909	99821831	94660078	105339922	100178169	105518091	42
19	94486227	99821462	94664765	105335235	100178538	105513773	41
20	94490540	99821092	94669448	105330552	100178908	105509460	40
21	94494849	99820721	94674127	105325873	100179279	105505151	39
22	94499153	99820351	94678802	105321198	100179649	105500847	38
23	94503452	99819979	94683473	105316527	100180021	105496548	37
24	94507747	99819608	94688139	105311861	100180392	105492253	36
25	94512037	99819236	94692801	105307199	100180764	105487963	35
26	94516322	99818863	94697459	105302541	100181137	105483678	34
27	94520603	99818490	94702112	105297888	100181510	105479397	33
28	94524879	99818117	94706762	105293238	100181883	105475121	32
29	94529151	99817744	94711407	105288593	100182256	105470839	31
30	94533418	99817370	94716048	105283952	100182630	105466582	30
31	94537681	99816995	94720685	105279315	100183005	105462319	29
32	94541939	99816620	94725318	105274682	100183380	105458061	28
33	94546192	99816245	94729947	105270053	100183755	105453808	27
34	94550441	99815870	94734571	105265428	100184130	105449559	26
35	94554686	99815494	94739192	105260808	100184506	105445314	25
36	94558926	99815117	94743808	105256192	100184883	105441074	24
37	94563161	99814740	94748421	105251579	100185260	105436839	23
38	94567392	99814363	94753029	105246971	100185637	105432608	22
39	94571618	99813986	94757633	105242367	100186014	105428382	21
40	94575840	99813608	94762233	105237767	100186392	105424160	20
41	94580058	99813229	94766829	105233171	100186771	105419942	19
42	94584271	99812850	94771421	105228579	100187150	105415729	18
43	94588480	99812471	94776009	105223991	100187529	105411520	17
44	94592684	99812091	94780592	105219408	100187909	105407316	16
45	94596884	99811711	94785172	105214828	100188289	105403116	15
46	94601079	99811331	94789748	105210252	100188669	105398921	14
47	94605270	99810950	94794319	105205681	100189050	105394730	13
48	94609456	99810569	94798887	105201113	100189431	105390544	12
49	94613638	99810187	94803451	105196549	100189813	105386362	11
50	94617816	99809805	94808011	105191989	100190195	105382184	10
51	94621989	99809423	94812566	105187434	100190577	105378011	9
52	94626158	99809040	94817118	105182882	100190960	105373842	8
53	94630323	99808657	94821666	105178334	100191343	105369677	7
54	94634483	99808273	94826210	105173790	100191727	105365517	6
55	94638639	99807889	94830750	105169250	100192111	105361361	5
56	94642790	99807505	94835286	105164714	100192495	105357210	4
57	94646938	99807120	94839818	105160182	100192880	105353062	3
58	94651081	99806735	94844346	105155654	100193265	105348919	2
59	94655219	99806349	94848870	105151130	100193651	105344781	1
60	94659353	99805963	94853390	105146610	100194037	105340647	0

73 Grad.

17 Grad.

M	Log. Sin.	Log Sin.	Log Tan.	Log Tang.	Log. Seca.	Log. Seca.	M
0	94659353	99805963	94853390	105146610	100194037	105340647	60
1	94663483	99805577	94857907	105142093	100194423	105336517	59
2	94667609	99805190	94862419	105137581	100194810	105332391	58
3	94671730	99804803	94866928	105133072	100195197	105328270	57
4	94675848	99804415	94871433	105128567	100195585	105324152	56
5	94679960	99804027	94875933	105124067	100195973	105320040	55
6	94684069	99803639	94880430	105119570	100196361	105315931	54
7	94688173	99803250	94884924	105115076	100196750	105311827	53
8	94692273	99802860	94889413	105110587	100197140	105307727	52
9	94696369	99802471	94893898	105106102	100197529	105303631	51
10	94700461	99802081	94898380	105101620	100197919	105299539	50
11	94704548	99801690	94902858	105097142	100198310	105295452	49
12	94708631	99801299	94907332	105092668	100198701	105291369	48
13	94712710	99800908	94911802	105088198	100199092	105287290	47
14	94716785	99800516	94916269	105083731	100199484	105283215	46
15	94720856	99800124	94920731	105079269	100199876	105279144	45
16	94724922	99799732	94925190	105074810	100200268	105275078	44
17	94728985	99799339	94929646	105070354	100200661	105271015	43
18	94733043	99798946	94934097	105065903	100201054	105266957	42
19	94737097	99798552	94938545	105061455	100201448	105262903	41
20	94741146	99798158	94942988	105057012	100201842	105258854	40
21	94745192	99797764	94947429	105052571	100202236	105254808	39
22	94749234	99797369	94951865	105048135	100202631	105250761	38
23	94753271	99796973	94956298	105043702	100203027	105246729	37
24	94757304	99796578	94960727	105039273	100203422	105242696	36
25	94761334	99796182	94965152	105034848	100203818	105238666	35
26	94765359	99795785	94969574	105030426	100204215	105234641	34
27	94769380	99795388	94973991	105026009	100204612	105230620	33
28	94773396	99794991	94978406	105021594	100205009	105226604	32
29	94777409	99794593	94982816	105017184	100205407	105222591	31
30	94781418	99794195	94987223	105012777	100205805	105218582	30
31	94785423	99793796	94991626	105008374	100206204	105214577	29
32	94789423	99793398	94996026	105003974	100206602	105210577	28
33	94793420	99792998	95000422	104999578	100207002	105206580	27
34	94797412	99792599	95004814	104995186	100207401	105202588	26
35	94801401	99792198	95009203	104990797	100207802	105198599	25
36	94805385	99791798	95013588	104986412	100208202	105194615	24
37	94809366	99791397	95017969	104982031	100208603	105190634	23
38	94813342	99790996	95022347	104977653	100209004	105186658	22
39	94817315	99790594	95026721	104973279	100209406	105182685	21
40	94821283	99790192	95031092	104968908	100209808	105178717	20
41	94825248	99789789	95035459	104964541	100210211	105174752	19
42	94829208	99789386	95039822	104960178	100210614	105170792	18
43	94833165	99788983	95044182	104955818	100211017	105166835	17
44	94837117	99788579	95048538	104951462	100211421	105162883	16
45	94841066	99788175	95052891	104947109	100211825	105158934	15
46	94845010	99787770	95057240	104942760	100212230	105154990	14
47	94848951	99787365	95061586	104938414	100212635	105151049	13
48	94852888	99786960	95065928	104934072	100213040	105147112	12
49	94856820	99786554	95070267	104929733	100213446	105143180	11
50	94860749	99786148	95074602	104925398	100213852	105139251	10
51	94864674	99785741	95078933	104921067	100214259	105135326	9
52	94868595	99785334	95083261	104916739	100214666	105131405	8
53	94872512	99784927	95087586	104912414	100215073	105127488	7
54	94876426	99784519	95091907	104908093	100215481	105123574	6
55	94880335	99784111	95096224	104903776	100215889	105119665	5
56	94884240	99783702	95100539	104899461	100216298	105115760	4
57	94888142	99783293	95104849	104895151	100216707	105111858	3
58	94892040	99782883	95109156	104890844	100217117	105107960	2
59	94895934	99782474	95113460	104886540	100217526	105104066	1
60	94899824	99782063	95117760	104882240	100217937	105100176	0

72 Grad.

18 Grad.

M	Log. Sin	Log. Sin	Log. Tan.	Log. Tang.	Log. Seca.	Log. Seca.	M
0	94899820	99782063	95117766	104882240	100217937	105100176	60
1	94903710	99781653	95122057	104877943	100218347	105096290	59
2	94907592	99781241	95126351	104873649	100218759	105092408	58
3	94911471	99780830	95130641	104869359	100219170	105088529	57
4	94915345	99780418	95134927	104865073	100219582	105084655	56
5	94919216	99780006	95139210	104860790	100219994	105080784	55
6	94923083	99779593	95143496	104856510	100220407	105076917	54
7	94926946	99779180	95147766	104852234	100220820	105073054	53
8	94930806	99778766	95152039	104847961	100221234	105069194	52
9	94934661	99778353	95156309	104843691	100221647	105065339	51
10	94938513	99777938	95160575	104839425	100222062	105059954	50
11	94942361	99777523	95164838	104835162	100222477	105056117	49
12	94946205	99777108	95169697	104830903	100222892	105052284	48
13	94950046	99776693	95173353	104826647	100223307	105049954	47
14	94953883	99776277	95177606	104822394	100223723	105046117	46
15	94957716	99775860	95181855	104818145	100224140	105042284	45
16	94961545	99775444	95186101	104813899	100224556	105036990	44
17	94965370	99775026	95190344	104809656	100224974	105033176	43
18	94969192	99774609	95194583	104805417	100225391	105029365	42
19	94973010	99774191	95198819	104801181	100225809	105026990	41
20	94976824	99773772	95203052	104796948	100226228	105023176	40
21	94980635	99773354	95207282	104792718	100226646	105019365	39
22	94984442	99772934	95211508	104788492	100227066	105015558	38
23	94988245	99772515	95215730	104784270	100227485	105011755	37
24	94992045	99772095	95219950	104780050	100227905	105007955	36
25	94995840	99771674	95224166	104775834	100228326	105004160	35
26	94999633	99771253	95228379	104771621	100228747	105000367	34
27	95003421	99770832	95232589	104767411	100229168	104996579	33
28	95007206	99770401	95236795	104763205	100229590	104992794	32
29	95010987	99769988	95240999	104759001	100230012	104989013	31
30	95014764	99769566	95245199	104754801	100230434	104985236	30
31	95018538	99769143	95249395	104756605	100230857	104981462	29
32	95022308	99768720	95253589	104746411	100231280	104977692	28
33	95026075	99768296	95257779	104742221	100231704	104973925	27
34	95029838	99767872	95261966	104738034	100232128	104970162	26
35	95033597	99767447	95266150	104733850	100232553	104966403	25
36	95037353	99767022	95270331	104729669	100232978	104962647	24
37	95041105	99766597	95274508	104725492	100233403	104958895	23
38	95044853	99766171	95278682	104721318	100233829	104955147	22
39	95048598	99765745	95282853	104717147	100234255	104951402	21
40	95052339	99765318	95287021	104712979	100234682	104947661	20
41	95056077	99764891	95291186	104708814	100235109	104943923	19
42	95059811	99764464	95295347	104704653	100235536	104940189	18
43	95063542	99764036	95299505	104700495	100235964	104930458	17
44	95067268	99763608	95303661	104696339	100236392	104932732	16
45	95070992	99763179	95307813	104692187	100236821	104929008	15
46	95074712	99762750	95311961	104688039	100237250	104925288	14
47	95078428	99762321	95316107	104683893	100237679	104921572	13
48	95082141	99761891	95320250	104679750	100238109	104917859	12
49	95085850	99761461	95324389	104675611	100238539	104914150	11
50	95089556	99761030	95328526	104671474	100238970	104910444	10
51	95093258	99760599	95332659	104667341	100239401	104906742	9
52	95096956	99760167	95336789	104663211	100239833	104903044	8
53	95100651	99759736	95340916	104659084	100240264	104899349	7
54	95104343	99759303	95345040	104654960	100240697	104895657	6
55	95108031	99758870	95349161	104650839	100241130	104891969	5
56	95111716	99758437	95353278	104646702	100241563	104888284	4
57	95115397	99758004	95357393	104642607	100241996	104884603	3
58	95119074	99757570	95361505	104638495	100242430	104880926	2
59	95122749	99757135	95365613	104634387	100242865	104877251	1
60	95126419	99756701	95369719	104630281	100243299	104873581	0

71 Grad.

M	Log. Sin.	Log. Sin.	Log. Tan.	Log. Tang.	Log. Seca.	Log. Seca.	M
0	95126419	99756701	95369718	104630281	100243299	104873581	60
1	95130086	99756265	95373821	104626179	100243735	104869914	59
2	95133750	99755830	95377920	104622080	100244170	104866250	58
3	95137410	99755394	95382017	104617983	100244606	104862590	57
4	95141067	99754957	95386110	104613890	100245043	104858933	56
5	95144721	99754521	95390200	104609800	100245479	104855279	55
6	95148371	99754083	95394287	104605713	100245917	104851629	54
7	95152017	99753646	95398371	104601629	100246354	104847983	53
8	95155660	99753208	95402453	104597547	100246792	104844340	52
9	95159300	99752769	95406531	104593469	100247231	104840700	51
10	95162936	99752330	95410606	104589394	100247670	104837064	50
11	95166569	99751891	95414678	104585322	100248109	104833431	49
12	95170198	99751451	95418747	104581253	100248549	104829802	48
13	95173824	99751011	95422813	104577187	100248989	104826176	47
14	95177447	99750570	95426877	104573123	100249430	104822553	46
15	95181066	99750129	95430937	104569063	100249871	104818934	45
16	95184682	99749688	95434994	104565006	100250312	104815318	44
17	95188295	99749246	95439048	104560952	100250754	104811715	43
18	95191904	99748804	95441100	104556900	100251196	104808096	42
19	95195510	99748361	95447148	104552852	100251639	104804490	41
20	95199112	99747918	95451193	104548807	100252082	104800888	40
21	95202711	99747475	95455236	104544764	100252525	104797289	39
22	95206307	99747031	95459276	104540724	100252969	104793693	38
23	95209899	99746587	95463312	104536688	100253413	104790191	37
24	95213488	99746142	95467346	104532654	100253858	104786512	36
25	95217074	99745697	95471377	104528623	100254303	104782926	35
26	95220656	99745252	95475405	104524595	100254748	104779344	34
27	95224235	99744806	95479430	104520570	100255194	104775765	33
28	95227811	99744359	95483452	104516548	100255641	104772189	32
29	95231383	99743913	95487471	104512529	100256077	104768617	31
30	95234953	99743466	95491487	104508513	100256534	104765047	30
31	95238518	99743018	95495500	104504500	100256982	104761482	29
32	95242081	99742570	95499511	104500489	100257430	104757919	28
33	95245640	99742122	95503519	104496481	100257878	104754360	27
34	95249196	99741674	95507523	104492477	100258327	104750804	26
35	95252749	99741224	95511525	104488475	100258776	104747251	25
36	95256298	99740774	95515524	104484476	100259226	104743702	24
37	95259844	99740324	95519521	104480479	100259676	104740156	23
38	95263387	99739873	95523514	104476486	100260127	104736613	22
39	95266927	99739422	95527504	104472496	100260578	104733073	21
40	95270463	99738971	95531492	104468508	100261029	104729537	20
41	95273997	99738519	95535477	104464523	100261481	104726003	19
42	95277526	99738067	95539459	104460541	100261933	104722474	18
43	95281053	99737615	95543438	104456562	100262385	104718947	17
44	95284577	99737162	95547415	104452585	100262838	104715423	16
45	95288097	99736709	95551388	104448612	100263291	104711903	15
46	95291614	99736255	95555359	104444641	100263745	104708386	14
47	95295128	99735801	95559327	104440673	100264199	104704872	13
48	95298638	99735346	95563292	104436708	100264654	104701362	12
49	95302146	99734891	95567255	104432745	100265109	104697854	11
50	95305650	99734435	95571214	104428786	100265565	104694350	10
51	95309151	99733980	95575171	104424829	100266020	104690849	9
52	95312649	99733523	95579125	104420875	100266477	104687351	8
53	95316143	99733067	95583077	104416923	100266933	104683857	7
54	95319635	99732610	95587025	104412975	100267390	104680365	6
55	95323123	99732152	95590971	104409029	100267848	104676877	5
56	95326608	99731694	95594914	104405086	100268306	104673392	4
57	95330090	99731236	95598854	104401146	100268764	104669910	3
58	95333569	99730777	95602792	104397208	100269223	104666431	2
59	95337044	99730318	95606727	104393273	100269682	104662959	1
60	95340517	99729858	95610659	104389341	100270142	104659483	0

19 Grad.

70 Grad

20 Grad.

M	Log. Sin.	Log. Sin.	Log. Tan.	Log. Tang.	Log. Seca.	Log. Seca.	M
0	95340517	99729858	95610658	104389341	100270142	104659483	60
1	95343986	99729398	95614588	104385412	100270602	104656014	59
2	95347452	99728938	95618515	104381485	100271062	104652548	58
3	95350915	99728477	95622439	104377561	100271523	104649085	57
4	95354375	99728016	95626360	104373640	100271984	104645625	56
5	95357832	99727554	95630278	104369722	100272446	104642168	55
6	95361286	99727092	95634194	104365806	100272908	104638714	54
7	95364737	99726629	95638107	104361893	100273371	104635263	53
8	95368184	99726166	95642018	104357982	100273834	104631816	52
9	95371628	99725703	95645925	104354075	100274297	104628372	51
10	95375069	99725239	95649831	104350169	100274761	104624931	50
11	95378508	99724775	95653733	104346267	100275225	104621492	49
12	95381943	99724310	95657633	104342367	100275690	104618057	48
13	95385375	99723845	95661530	104338470	100276155	104614625	47
14	95388804	99723380	95665424	104334576	100276620	104611196	46
15	95392230	99722914	95669316	104330684	100277086	104607770	45
16	95395653	99722448	95673205	104326795	100277552	104604347	44
17	95399073	99721981	95677091	104322909	100278019	104600927	43
18	95402489	99721514	95680975	104319025	100278486	104597511	42
19	95405903	99721047	95684856	104315144	100278953	104594097	41
20	95409314	99720579	95688735	104311265	100279421	104590686	40
21	95412721	99720110	95692611	104307389	100279890	104587279	39
22	95416126	99719642	95696484	104303516	100280358	104583874	38
23	95419527	99719172	95700355	104299645	100280828	104580473	37
24	95422926	99718703	95704223	104295777	100281297	104577074	36
25	95426321	99718233	95708088	104291912	100281767	104573679	35
26	95429713	99717762	95711951	104288049	100282238	104570287	34
27	95433103	99717291	95715811	104284189	100282709	104566897	33
28	95436489	99716820	95719669	104280331	100283180	104563511	32
29	95439873	99716348	95723524	104276476	100283652	104560127	31
30	95443253	99715876	95727377	104272623	100284124	104556747	30
31	95446630	99715404	95731227	104268773	100284596	104553370	29
32	95450005	99714931	95735074	104264926	100285069	104549995	28
33	95453376	99714457	95738919	104261081	100285543	104546624	27
34	95456745	99713984	95742761	104257239	100286016	104543255	26
35	95460110	99713509	95746601	104253399	100286491	104539890	25
36	95463472	99713035	95750438	104249562	100286965	104535528	24
37	95466832	99712560	95754272	104245728	100287440	104533168	23
38	95470189	99712084	95758104	104241896	100287916	104529811	22
39	95473542	99711608	95761934	104238066	100288392	104526458	21
40	95476893	99711132	95765761	104234239	100288868	104523107	20
41	95480240	99710655	95769585	104230415	100289345	104519760	19
42	95483585	99710178	95773407	104226593	100289822	104516415	18
43	95486927	99709701	95777226	104222774	100290299	104513073	17
44	95490266	99709223	95781043	104218957	100290777	104509734	16
45	95493602	99708744	95784858	104215142	100291256	104506398	15
46	95496935	99708265	95788669	104211331	100291735	104503065	14
47	95500265	99707786	95792479	104207521	100292214	104499735	13
48	95503592	99707306	95796286	104203714	100292694	104496408	12
49	95506916	99706826	95800090	104199910	100293154	104493074	11
50	95510237	99706346	95803892	104196108	100293654	104489763	10
51	95513556	99705865	95807691	104192309	100294135	104486444	9
52	95516871	99705383	95811488	104188512	100294617	104483129	8
53	95520184	99704902	95815282	104184718	100295098	104479816	7
54	95523494	99704419	95819074	104180926	100295581	104476506	6
55	95526801	99703937	95822864	104177136	100296063	104473199	5
56	95530105	99703454	95826651	104173349	100296546	104469895	4
57	95533406	99702970	95830435	104169565	100297030	104466594	3
58	95536704	99702486	95834217	104165783	100297514	104463296	2
59	95539999	99702002	95837997	104162003	100297998	104460001	1
60	95542292	99701517	95841774	104158226	100298483	104456708	0

69 Grad.

21 Grad.

M	Log. Sin.	Log. Sin.	Log. Tan.	Log. Tang.	Log Seca.	Log. Seca.	M
0	95543292	99701517	95841774	104158226	100298483	104456708	60
1	95546581	99701032	95845549	104154451	100298968	104453419	59
2	95549868	99700547	95849321	104150679	100299453	104450132	58
3	95553152	99700061	95853091	104146909	100299939	104446848	57
4	95556433	99699574	95856859	104143141	100300426	104443567	56
5	95559711	99699087	95860624	104139376	100300913	104440289	55
6	95562987	99698600	95864386	104135614	100301300	104437013	54
7	95566259	99698112	95868147	104131853	100301888	104433741	53
8	95569529	99697624	95871904	104128096	100302376	104430471	52
9	95572796	99697136	95875660	104124340	100302864	104427204	51
10	95576060	99696647	95879413	104120587	100303353	104423940	50
11	95579321	99696158	95883163	104116837	100303842	104420679	49
12	95582579	99695668	95886912	104113088	100304337	104417421	48
13	95585835	99695177	95890657	104109343	100304823	104414165	47
14	95589088	99694687	95894401	104105599	100305313	104410912	46
15	95592338	99694196	95898142	104101858	100305804	104407662	45
16	95595585	99693704	95901881	104098119	100306296	104404415	44
17	95598829	99693212	95905617	104094383	100306788	104401171	43
18	95602071	99692720	95909351	104090649	100307270	104397929	42
19	95605310	99692227	95913082	104086918	100307773	104394690	41
20	95608546	99691734	95916812	104083188	100308266	104391454	40
21	95611779	99691240	95920539	104079461	100308760	104388221	39
22	95615010	99690746	95924263	104075737	100309254	104384990	38
23	95618237	99690252	95927985	104072015	100309748	104381763	37
24	95621462	99689757	95931705	104068295	100310243	104378538	36
25	95624685	99689262	95935422	104064577	100310738	104375315	35
26	95627904	99688766	95939138	104060862	100311234	104372096	34
27	95631121	99688270	95942851	104057149	100311730	104368879	33
28	95634335	99687773	95946561	104053439	100312227	104365665	32
29	95637546	99687276	95950269	104049731	100312724	104362454	31
30	95640754	99686779	95953975	104046025	100313221	104359246	30
31	95643960	99686281	95957679	104042321	100313719	104356040	29
32	95647163	99685783	95961380	104038620	100314217	104352837	28
33	95650363	99685284	95965079	104034921	100314716	104349637	27
34	95653561	99684785	95968776	104031224	100315215	104346439	26
35	95656756	99684286	95972470	104027530	100315714	104343244	25
36	95659948	99683786	95976162	104023838	100316214	104340052	24
37	95663137	99683285	95979852	104020148	100316715	104336863	23
38	95666324	99682784	95983540	104016460	100317216	104333676	22
39	95669508	99682283	95987225	104012775	100317717	104330492	21
40	95672689	99681781	95990908	104009092	100318219	104327311	20
41	95675868	99681279	95994588	104005411	100318721	104324132	19
42	95679044	99680777	95998267	104001733	100319223	104320956	18
43	95682217	99680274	96001943	103998057	100319726	104317783	17
44	95685387	99679771	96005617	103994383	100320229	104314613	16
45	95688555	99679267	96009289	103990711	100320733	104311445	15
46	95691721	99678763	96012958	103987042	100321237	104308279	14
47	95694883	99678258	96016625	103983375	100321742	104305117	13
48	95698043	99677753	96020290	103979710	100322247	104301957	12
49	95701200	99677247	96023953	103976047	100322753	104298800	11
50	95704355	99676741	96027613	103972387	100323259	104295645	10
51	95707506	99676235	96031271	103968729	100323765	104292494	9
52	95710656	99675728	96034927	103965073	100324272	104289344	8
53	95713802	99675221	96038581	103961419	100324779	104286198	7
54	95716946	99674713	96042233	103957767	100325287	104283054	6
55	95720087	99674205	96045882	103954118	100325795	104279913	5
56	95723226	99673697	96049529	103950471	100326303	104276774	4
57	95726362	99673188	96053174	103946826	100326812	104273638	3
58	95729495	99672679	96056817	103943183	100327321	104270505	2
59	95732626	99672169	96060457	103939543	100327831	104267374	1
60	95735754	99671659	96064096	103935904	100328341	104264246	0

68 Grad.

22 Grad.

M	Log. Sin.	Log. Sin.	Log. Tan	Log. Tang.	Log. Seca.	Log. Seca	M
0	95735754	99671659	96664096	103935904	100328341	104264246	60
1	95738880	99671148	96667732	103932268	100328852	104261120	59
2	95742003	99670637	96671366	103928634	100329363	104257997	58
3	95745123	99670125	96674997	103925003	100329875	104254877	57
4	95748240	99669614	96678627	103921373	100330380	104251760	56
5	95751356	99669101	96682254	103917746	100330899	104248644	55
6	95754468	99668588	96685880	103914120	100331412	104245531	54
7	95757578	99668075	96689503	103910497	100331925	104242422	53
8	95760685	99667562	96693124	103906876	100332438	104239315	52
9	95763790	99667048	96696742	103903258	100332952	104236210	51
10	95766892	99666533	96100359	103899641	100333467	104233108	50
11	95769991	99666018	96103973	103896027	100333982	104230009	49
12	95773088	99665503	96107586	103892414	100334497	104226912	48
13	95776183	99664987	96111196	103888804	100335013	104223817	47
14	95779275	99664471	96114804	103885196	100335529	104220725	46
15	95782364	99663954	96118409	103881591	100336046	104217636	45
16	95785450	99663437	96122013	103877987	100336563	104214550	44
17	95788535	99662920	96125615	103874385	100337080	104211465	43
18	95791616	99662402	96129214	103870786	100337598	104208384	42
19	95794695	99661884	96132812	103867188	100338116	104205305	41
20	95797772	99661365	96136407	103863593	100338635	104202228	40
21	95800845	99660846	96140000	103860000	100339154	104199155	39
22	95803917	99660326	96143591	103856409	100339674	104196083	38
23	95806986	99659806	96147180	103852820	100340194	104193014	37
24	95810052	99659285	96150766	103849234	100340715	104189948	36
25	95813116	99658764	96154351	103845649	100341236	104186884	35
26	95816177	99658243	96157934	103842066	100341757	104183823	34
27	95819236	99657721	96161514	103838480	100342279	104180764	33
28	95822292	99657199	96165093	103834907	100342801	104177708	32
29	95825345	99656677	96168669	103831331	100343323	104174655	31
30	95828397	99656153	96172243	103827757	100343847	104171603	30
31	95831445	99655630	96175815	103824185	100344370	104168555	29
32	95834491	99655106	96179385	103820615	100344894	104165509	28
33	95837535	99654582	96182953	103817047	100345418	104162465	27
34	95840576	99654057	96186519	103813481	100345943	104159424	26
35	95843615	99653532	96190083	103809917	100346468	104156385	25
36	95846651	99653006	96193645	103806355	100346994	104153349	24
37	95849685	99652480	96197205	103802795	100347520	104150315	23
38	95852716	99651953	96200762	103799238	100348048	104147284	22
39	95855745	99651426	96204318	103795682	100348574	104144255	21
40	95858771	99650899	96207872	103792128	100349101	104141229	20
41	95861795	99650371	96211423	103788577	100349629	104138205	19
42	95864816	99649843	96214973	103785027	100350157	104135184	18
43	95867835	99649314	96218520	103781480	100350686	104132165	17
44	95870851	99648785	96222066	103777934	100351215	104129149	16
45	95873865	99648256	96225609	103774391	100351744	104126135	15
46	95876876	99647726	96229150	103770850	100352274	104123124	14
47	95879885	99647195	96232690	103767310	100352805	104120115	13
48	95882892	99646665	96236227	103763773	100353335	104117108	12
49	95885896	99646133	96239763	103760237	100353867	104114104	11
50	95888897	99645602	96243296	103756704	100354398	104111103	10
51	95891897	99645069	96246827	103753173	100354931	104108103	9
52	95894893	99644537	96250356	103749644	100355463	104105107	8
53	95897888	99644004	96253884	103746116	100355996	104102112	7
54	95900880	99643470	96257409	103742591	100356530	104099120	6
55	95903869	99642937	96260932	103739068	100357063	104096131	5
56	95906856	99642402	96264454	103735546	100357598	104093144	4
57	95909841	99641868	96267973	103732027	100358132	104090159	3
58	95912823	99641332	96271491	103728509	100358668	104087177	2
59	95915803	99640797	96275006	103724994	100359203	104084197	1
60	95918780	99640261	96278519	103721481	100359739	104081220	0

67 Grad.

M	Log. Sin.	Log. Sin.	Log. Tan	Log. Tang.	Log. Seca.	Log. Seca	M
0	95918780	99640261	96278519	103721481	100359739	104081220	60
1	95921755	99639724	96282031	103717969	100360276	104078245	59
2	95924728	99639187	96285540	103714460	100360813	104075272	58
3	95927698	99638650	96289048	103710952	100361350	104072302	57
4	95930666	99638112	96292553	103707447	100361889	104069334	56
5	95933631	99637574	96296057	103703943	100362426	104066369	55
6	95936594	99637036	96299558	103700442	100362964	104063406	54
7	95939555	99636496	96303058	103696942	100363504	104060445	53
8	95942513	99635957	96306556	103693444	100364043	104057487	52
9	95945469	99635417	96310052	103689948	100364583	104054531	51
10	95948422	99634877	96313545	103686455	100365123	104051578	50
11	95951373	99634336	96317037	103682963	100365664	104048627	49
12	95954322	99633795	96320527	103679473	100366205	104045678	48
13	95957268	99633253	96324015	103675985	100366747	104042732	47
14	95960212	99632711	96327501	103672499	100367289	104039788	46
15	95963154	99632168	96330985	103669015	100367812	104036846	45
16	95966093	99631625	96334468	103665532	100368375	104033907	44
17	95969030	99631082	96337948	103662052	100368918	104030970	43
18	95971965	99630538	96341426	103658574	100369462	104028035	42
19	95974897	99629994	96344903	103655097	100370006	104025103	41
20	95977827	99629449	96348378	103651622	100370551	104022173	40
21	95980754	99628904	96351850	103648150	100371096	104019246	39
22	95983679	99628358	96355321	103644679	100371642	104016321	38
23	95986602	99627812	96358790	103641210	100372188	104013398	37
24	95989523	99627266	96362257	103637743	100372734	104010477	36
25	95992441	99626719	96365722	103634278	100373281	104007559	35
26	95995357	99626172	96369185	103630815	100373829	104004643	34
27	95998271	99625624	96372646	103627354	100374376	104001729	33
28	96001181	99625076	96376106	103623894	100374924	103998819	32
29	96004090	99624527	96379563	103620437	100375473	103995910	31
30	96006997	99623978	96383019	103616981	100376022	103993003	30
31	96009901	99623428	96386473	103613527	100376572	103990099	29
32	96012803	99622878	96389925	103610075	100377122	103987197	28
33	96015703	99622328	96393375	103606625	100377672	103984297	27
34	96018600	99621777	96396823	103603177	100378223	103981400	26
35	96021495	99621226	96400269	103599731	100378774	103978505	25
36	96024388	99620674	96403714	103596286	100379326	103975612	24
37	96027278	99620122	96407156	103592844	100379878	103972722	23
38	96030166	99619569	96410597	103589403	100380431	103969834	22
39	96033052	99619016	96414036	103585964	100380984	103966948	21
40	96035936	99618463	96417473	103582527	100381537	103964064	20
41	96038817	99617909	96420908	103579092	100382091	103961183	19
42	96041696	99617355	96424342	103575658	100382645	103958304	18
43	96044573	99616800	96427773	103572227	100383200	103955427	17
44	96047448	99616245	96431203	103568797	100383755	103952552	16
45	96050320	99615689	96434631	103565369	100384311	103949680	15
46	96053190	99615133	96438057	103561943	100384867	103946810	14
47	96056057	99614576	96441481	103558519	100385424	103943973	13
48	96058923	99614020	96444903	103555097	100385980	103941077	12
49	96061786	99613463	96448324	103551676	100386527	103938214	11
50	96064647	99612904	96451743	103548257	100387096	103935353	10
51	96067506	99612346	96455160	103544840	100387654	103932494	9
52	96070362	99611787	96458575	103541425	100388213	103929638	8
53	96073216	99611228	96461988	103538012	100388772	103926784	7
54	96076068	99610668	96465400	103534600	100389332	103923932	6
55	96078918	99610108	96468810	103531190	100389892	103921082	5
56	96081765	99609548	96472217	103527783	100390452	103918235	4
57	96084611	99608987	96475624	103524376	100391013	103915389	3
58	96087454	99608426	96479028	103520972	100391574	103912546	2
59	96090294	99607864	96482431	103517569	100392136	103909706	1
60	96093131	99607302	96485831	103514169	100392608	103906867	0

23 Grad.

66 Grad.

24 Grad.

M	Log. Sin.	Log. Sin.	Log. Tan.	Log. Tang.	Log. Seca.	Log. Seca.	M
0	96093133	99607302	96485831	103514169	100392698	103906867	60
1	96095969	99606739	96489230	103510770	100393261	103904031	59
2	96098803	99606176	96492628	103507372	100393824	103901197	58
3	96101635	99605612	96496023	103503977	100394388	103898365	57
4	96104465	99605048	96499417	103500583	100394952	103895535	56
5	96107293	99604484	96502809	103497191	100395516	103892707	55
6	96110118	99603919	96506199	103493801	100396081	103889882	54
7	96112941	99603354	96509587	103490413	100396646	103887059	53
8	96115762	99602788	96512974	103487026	100397212	103884238	52
9	96118580	99602222	96516359	103483641	100397778	103881420	51
10	96121397	99601655	96519742	103480258	100398345	103878603	50
11	96124211	99601088	96523123	103476877	100398912	103875789	49
12	96127023	99600520	96526503	103473497	100399480	103872977	48
13	96129833	99599952	96529881	103470119	100400048	103870167	47
14	96132641	99599384	96533257	103466743	100400616	103867359	46
15	96135446	99598815	96536631	103463369	100401185	103864554	45
16	96138250	99598246	96540004	103459996	100401754	103861750	44
17	96141051	99597676	96543375	103456625	100402324	103858949	43
18	96143850	99597106	96546744	103453256	100402894	103856150	42
19	96146647	99596535	96550112	103449888	100403465	103853353	41
20	96149441	99595964	96553477	103446523	100404036	103850559	40
21	96152234	99595393	96556841	103443159	100404607	103847766	39
22	96155024	99594821	96560204	103439796	100405179	103844976	38
23	96157812	99594248	96563564	103436436	100405752	103842188	37
24	96160598	99593675	96566923	103433077	100406325	103839402	36
25	96163382	99593102	96570280	103429720	100406808	103836618	35
26	96166164	99592528	96573636	103426364	100407472	103833836	34
27	96168944	99591954	96576989	103423011	100408046	103831056	33
28	96171721	99591380	96580341	103419659	100408620	103828279	32
29	96174496	99590805	96583692	103416308	100409195	103825504	31
30	96177270	99590229	96587041	103412960	100409771	103822730	30
31	96180041	99589653	96590387	103409613	100410347	103819859	29
32	96182809	99589077	96593733	103406267	100410923	103817191	28
33	96185576	99588500	96597076	103402924	100411500	103814424	27
34	96188341	99587923	96600418	103399582	100412077	103811659	26
35	96191103	99587345	96603758	103396242	100412655	103808897	25
36	96193864	99586767	96607097	103392903	100413233	103806136	24
37	96196622	99586188	96610434	103389566	100413812	103803378	23
38	96199378	99585609	96613769	103386231	100414391	103800622	22
39	96202132	99585030	96617103	103382897	100414970	103797868	21
40	96204884	99584450	96620434	103379566	100415550	103795116	20
41	96207635	99583869	96623765	103376235	100416131	103792366	19
42	96210382	99583288	96627093	103372907	100416712	103789618	18
43	96213127	99582707	96630420	103369580	100417293	103786873	17
44	96215871	99582125	96633745	103366255	100417875	103784129	16
45	96218612	99581543	96637069	103362931	100418457	103781388	15
46	96221351	99580961	96640391	103359609	100419039	103778649	14
47	96224088	99580378	96643711	103356289	100419622	103775912	13
48	96226824	99579794	96647030	103352970	100420206	103773176	12
49	96229557	99579210	96650346	103349654	100420790	103770443	11
50	96232287	99578626	96653662	103346338	100421374	103767713	10
51	96235016	99578041	96656975	103343025	100421959	103764984	9
52	96237743	99577456	96660288	103339712	100422544	103762257	8
53	96240467	99576870	96663598	103336402	100423130	103759533	7
54	96243190	99576284	96666907	103333093	100423716	103756810	6
55	96245911	99575697	96670214	103329786	100424303	103754089	5
56	96248629	99575110	96673519	103326481	100424890	103751371	4
57	96251346	99574522	96676823	103323177	100425478	103748654	3
58	96254060	99573934	96680126	103319874	100426066	103745940	2
59	96256772	99573346	96683426	103316574	100426654	103743228	1
60	96259483	99572757	96686725	103313275	100427243	103740517	0

65 Grad.

25 Grad.

M	Log. Sin.	Log Sin.	Log. Tan.	Log. Tang.	Log. Seca	Log. Seca.	M
0	96259483	99572757	96686725	103313275	100427243	103740517	60
1	96262191	99572168	96690023	103309977	100427832	103737809	59
2	96264897	99571578	96693319	103306681	100428422	103735103	58
3	96267601	99570988	96696613	103303387	100429012	103732399	57
4	96270303	99570397	96699906	103300094	100429603	103729697	56
5	96273003	99569806	96703197	103296803	100430194	103726997	55
6	96275701	99569215	96706486	103293514	100430785	103724299	54
7	96278397	99568623	96706774	103290226	100431377	103721603	53
8	96281090	99568030	96713060	103286940	100431970	103718910	52
9	96283782	99567437	96716345	103283655	100432563	103716218	51
10	96286472	99566844	96719628	103280372	100433156	103713528	50
11	96289160	99566250	96722910	103277090	100433750	103710840	49
12	96291845	99565656	96726190	103273810	100434344	103708155	48
13	96294529	99565061	96729468	103270532	100434939	103705471	47
14	96297211	99564466	96732745	103267255	100435534	103702789	46
15	96299890	99563870	96736020	103263980	100436130	103700110	45
16	96302568	99563274	96739294	103260706	100436726	103697432	44
17	96305243	99562678	96742566	103257434	100437322	103694757	43
18	96307917	99562081	96745836	103254164	100437919	103692083	42
19	96310589	99561483	96749105	103250895	100438517	103689411	41
20	96313258	99560886	96752372	103247628	100439114	103686742	40
21	96315926	99560287	96755638	103244362	100439713	103684074	39
22	96318591	99559689	96758902	103241097	100440311	103681409	38
23	96321255	99559089	96762165	103237835	100440911	103678745	37
24	96323916	99558490	96765426	103234574	100441510	103676084	36
25	96326570	99557890	96768686	103231314	100442110	103673424	35
26	96329233	99557289	96771944	103228056	100442711	103670767	34
27	96331889	99556688	96775201	103224799	100443313	103668111	33
28	96334542	99556087	96778456	103221544	100443913	103665458	32
29	96337194	99555485	96781709	103218291	100444515	103662806	31
30	96339844	99554882	96784961	103215039	100445118	103660156	30
31	96342491	99554280	96788211	103211789	100445720	103657509	29
32	96345137	99553676	96791460	103208540	100446324	103654863	28
33	96347780	99553073	96794708	103205292	100446927	103652220	27
34	96350422	99552469	96797953	103202047	100447531	103649578	26
35	96353062	99551864	96801198	103198803	100448136	103646938	25
36	96355699	99551259	96804440	103195560	100448741	103644301	24
37	96358335	99550653	96807682	103192318	100449347	103641665	23
38	96360969	99550047	96810921	103189079	100449953	103639031	22
39	96363601	99549441	96814160	103185840	100450559	103636399	21
40	96366231	99548834	96817396	103182604	100451166	103633769	20
41	96368859	99548227	96820632	103179368	100451773	103631141	19
42	96371484	99547619	96823865	103176135	100452381	103628516	18
43	96374108	99547011	96827098	103172902	100452989	103625829	17
44	96376731	99546402	96830328	103169672	100453598	103623269	16
45	96379351	99545793	96833557	103166443	100454207	103620649	15
46	96381969	99545184	96836785	103163215	100454816	103618031	14
47	96384585	99544574	96840011	103159989	100455426	103615415	13
48	96387199	99543963	96843236	103156764	100456037	103612801	12
49	96389812	99543352	96846459	103153541	100456648	103610188	11
50	96392422	99542741	96849681	103150319	100457259	103607578	10
51	96395030	99542129	96852901	103147099	100457871	103604970	9
52	96397637	99541517	96856120	103143880	100458483	103602363	8
53	96400241	99540904	96859338	103140662	100459096	103599759	7
54	96402844	99540291	96862553	103137447	100459709	103597156	6
55	96405445	99539677	96865768	103134232	100460323	103594555	5
56	96408044	99539063	96868981	103131019	100460937	103591956	4
57	96410640	99538448	96872192	103127808	100461552	103589360	3
58	96413235	99537833	96875402	103124598	100462167	103586765	2
59	96415828	99537218	96878611	103121389	100462782	103584172	1
60	96418420	99536602	96881818	103118182	100463398	103581580	0

64 Grad.

26 Grad.

M	Log. Sin.	Log. Sin.	Log Tan.	Log. Tang.	Log. Seca.	Log. Seca.	M
0	96418420	99536602	96881848	103118182	100463398	103581580	60
1	96421009	99535985	96885023	103114977	100464015	103578991	59
2	96423596	99535369	96888227	103111773	100464631	103576404	58
3	96426182	99534751	96891430	103108570	100465249	103573818	57
4	96428765	99534134	96894631	103105369	100465866	103571235	56
5	96431347	99533515	96897831	103102169	100466485	103568653	55
6	96433926	99532897	96901030	103098970	100467103	103566074	54
7	96436504	99532278	96904226	103095774	100467722	103563496	53
8	96439080	99531658	96907422	103092578	100468342	103560920	52
9	96441654	99531038	96910616	103089384	100468962	103558346	51
10	96444226	99530418	96913809	103086191	100469582	103555774	50
11	96446796	99529797	96917000	103083000	100470203	103553204	49
12	96449365	99529175	96920189	103079811	100470825	103550635	48
13	96451931	99528553	96923378	103076622	100471447	103548069	47
14	96454496	99527931	96926565	103073435	100472069	103545504	46
15	96457058	99527308	96929750	103070250	100472692	103542942	45
16	96459619	99526685	96932934	103067066	100473315	103540381	44
17	96462178	99526061	96936117	103063883	100473939	103537822	43
18	96464735	99525437	96939298	103060702	100474563	103535265	42
19	96467290	99524813	96942478	103057522	100475187	103532710	41
20	96469844	99524188	96945656	103054344	100475812	103530156	40
21	96472395	99523562	96948833	103051167	100476438	103527605	39
22	96474945	99522936	96952009	103047991	100477064	103525055	38
23	96477492	99522310	96955183	103044817	100477690	103522508	37
24	96480038	99521683	96958355	103041645	100478317	103519962	36
25	96482582	99521055	96961527	103038473	100478945	103517418	35
26	96485124	99520428	96964697	103035303	100479572	103514876	34
27	96487665	99519799	96967865	103032135	100480201	103512335	33
28	96490203	99519171	96971032	103028968	100480829	103509797	32
29	96492740	99518541	96974198	103025802	100481459	103507260	31
30	96495274	99517912	96977363	103022637	100482088	103504726	30
31	96497807	99517282	96980526	103019474	100482718	103502193	29
32	96500338	99516651	96983687	103016313	100483349	103499662	28
33	96502868	99516020	96986847	103013153	100483980	103497132	27
34	96505395	99515389	96990006	103009994	100484611	103494605	26
35	96507920	99514757	96993164	103006836	100485243	103492080	25
36	96510444	99514124	96996320	103003680	100485876	103489556	24
37	96512966	99513492	96999474	103000526	100486508	103487034	23
38	96515486	99512858	97002628	102997372	100487147	103484514	22
39	96518004	99512224	97005780	102994220	100487776	103481996	21
40	96520521	99511590	97008930	102991070	100488410	103479479	20
41	96523035	99510956	97012080	102987920	100489044	103476965	19
42	96525548	99510320	97015227	102984773	100489680	103474452	18
43	96528059	99509685	97018374	102981626	100490315	103471941	17
44	96530568	99509049	97021519	102978481	100490951	103469432	16
45	96533075	99508412	97024663	102975337	100491588	103466925	15
46	96535581	99507775	97027805	102972195	100492225	103464419	14
47	96538084	99507138	97030946	102969054	100492862	103461916	13
48	96540586	99506500	97034086	102965914	100493500	103459414	12
49	96543086	99505861	97037225	102962775	100494139	103456914	11
50	96545584	99505223	97040362	102959638	100494777	103454416	10
51	96548081	99504583	97043497	102956503	100495417	103451919	9
52	96550575	99503944	97046632	102953368	100496056	103449425	8
53	96553068	99503303	97049765	102950235	100496697	103446932	7
54	96555559	99502663	97052897	102947103	100497337	103444441	6
55	96558048	99502022	97056027	102943973	100497978	103441952	5
56	96560536	99501380	97059156	102940844	100498620	103439464	4
57	96563021	99500738	97062284	102937716	100499262	103436979	3
58	96565505	99500095	97065410	102934590	100499905	103434495	2
59	96567987	99499452	97068535	102931465	100500548	103432013	1
60	96570468	99498809	97071659	102928341	100501191	103429532	0

63 Grad.

27 Grad.

M	Log. Sin.	Log. Sin.	Log. Tan.	Log Tang.	Log. Seca.	Log. Seca.	M
0	96570468	99498809	97071659	102928341	100501191	103429532	60
1	96572946	99498165	97074781	102925219	100501835	103427054	59
2	96575423	99497521	97077902	102922098	100502479	103424577	58
3	96577898	99496876	97081022	102918978	100503124	103422102	57
4	96580371	99496230	97084141	102915859	100503770	103419629	56
5	96582842	99495585	97087258	102912742	100504415	103417158	55
6	96585312	99494938	97090374	102909626	100505062	103414688	54
7	96587780	99494292	97093488	102906512	100505708	103412220	53
8	96590246	99493645	97096601	102903399	100506355	103409754	52
9	96592710	99492997	97099713	102900287	100507003	103407290	51
10	96595173	99492349	97102824	102897176	100507651	103404827	50
11	96597634	99491700	97105933	102894067	100508300	103402366	49
12	96600093	99491051	97109041	102890959	100508949	103399907	48
13	96602550	99490402	97112148	102887852	100509598	103397450	47
14	96605005	99489752	97115254	102884746	100510248	103394995	46
15	96607459	99489101	97118358	102881642	100510899	103392541	45
16	96609911	99488450	97121461	102878539	100511550	103390089	44
17	96612361	99487799	97124562	102875438	100512201	103387639	43
18	96614810	99487147	97127662	102872338	100512853	103385190	42
19	96617257	99486495	97130761	102869239	100513505	103382743	41
20	96619701	99485842	97133859	102866141	100514158	103380299	40
21	96622145	99485189	97136956	102863044	100514811	103377855	39
22	96624586	99484535	97140051	102859949	100515465	103375414	38
23	96627026	99483881	97143145	102856855	100516119	103372974	37
24	96629464	99483227	97146237	102853763	100516773	103370536	36
25	96631900	99482572	97149329	102850671	100517428	103368100	35
26	96634335	99481916	97152419	102847581	100518084	103365665	34
27	96636768	99481260	97155508	102844492	100518740	103363232	33
28	96639199	99480604	97158595	102841405	100519396	103360801	32
29	96641628	99479947	97161682	102838318	100520053	103358372	31
30	96644056	99479289	97164767	102835233	100520711	103355944	30
31	96646482	99478631	97167851	102832149	100521369	103353518	29
32	96648906	99477973	97170933	102829067	100522021	103351094	28
33	96651329	99477314	97174014	102825986	100522686	103348671	27
34	96653749	99476655	97177094	102822906	100523345	103346251	26
35	96656168	99475995	97180173	102819827	100524005	103343832	25
36	96658586	99475335	97183251	102816749	100524665	103341414	24
37	96661001	99474674	97186327	102813673	100525326	103338999	23
38	96663415	99474013	97189402	102810598	100525987	103336585	22
39	96665828	99473352	97192476	102807524	100526648	103334172	21
40	96668238	99472689	97195549	102804451	100527311	103331762	20
41	96670647	99472027	97198620	102801380	100527973	103329352	19
42	96673054	99471364	97201690	102798310	100528636	103326946	18
43	96675459	99470700	97204759	102795241	100529300	103324541	17
44	96677863	99470036	97207827	102792173	100529964	103322137	16
45	96680265	99469372	97210893	102789107	100530628	103319735	15
46	96682665	99468707	97213958	102786042	100531293	103317335	14
47	96685064	99468042	97217022	102782978	100531958	103314936	13
48	96687461	99467376	97220085	102779915	100532624	103312539	12
49	96689856	99466710	97223147	102776853	100533290	103310144	11
50	96692250	99466043	97226207	102773793	100533957	103307750	10
51	96694642	99465370	97229266	102770734	100534624	103305358	9
52	96697032	99464708	97232324	102767676	100535292	103302968	8
53	96699420	99464040	97235381	102764619	100535960	103300580	7
54	96701807	99463371	97238436	102761564	100536629	103298193	6
55	96704192	99462702	97241490	102758510	100537298	103295808	5
56	96706576	99462032	97244543	102755457	100537968	103293424	4
57	96708958	99461362	97247595	102752405	100538638	103291042	3
58	96711338	99460692	97250646	102749354	100539308	103288662	2
59	96713716	99460021	97253695	102746305	100539979	103286284	1
60	96716093	99459349	97256744	102743256	100540651	103283907	0

62 Grad.

28 Grad.

M	Log. Sin.	Log. Sin.	Log. Tan.	Log. Tang.	Log. Seca.	Log. Seca.	M
0	96716093	99459349	97256744	102743256	100540651	103283907	60
1	96718468	99458677	97259791	102740209	100541323	103281532	59
2	96720841	99458005	97262837	102737163	100541995	103279159	58
3	96723213	99457332	97265881	102734119	100542668	103276787	57
4	96725583	99456659	97268925	102731075	100543341	103274417	56
5	96727952	99455985	97271967	102728033	100544015	103272048	55
6	96730319	99455310	97275008	102724992	100544690	103269681	54
7	96732684	99454636	97278048	102721952	100545364	103267316	53
8	96735047	99453960	97281087	102718913	100546040	103264983	52
9	96737409	99453285	97284124	102715876	100546715	103262591	51
10	96739769	99452609	97287161	102712839	100547391	103260231	50
11	96742128	99451932	97290196	102709804	100548068	103257872	49
12	96744485	99451255	97293230	102706770	100548745	103255515	48
13	96746840	99450577	97296263	102703737	100549425	103253160	47
14	96749194	99449899	97299295	102700705	100550101	103250806	46
15	96751546	99449220	97302325	102697675	100550780	103248454	45
16	96753896	99448541	97305354	102694646	100551459	103246104	44
17	96756245	99447862	97308383	102691617	100552138	103243755	43
18	96758592	99447182	97311410	102688590	100552818	103241408	42
19	96760937	99446501	97314436	102685564	100553499	103239063	41
20	96763281	99445821	97317460	102682540	100554179	103236719	40
21	96765623	99445139	97320484	102679516	100554861	103234377	39
22	96767963	99444457	97323506	102676494	100555543	103232037	38
23	96770302	99443775	97326527	102673473	100556225	103229698	37
24	96772640	99443092	97329547	102670453	100556908	103227360	36
25	96774975	99442409	97332566	102667434	100557591	103225025	35
26	96777309	99441725	97335584	102664416	100558275	103222691	34
27	96779642	99441041	97338601	102661399	100558959	103220358	33
28	96781972	99440356	97341616	102658384	100559644	103218028	32
29	96784301	99439671	97344631	102655369	100560329	103215699	31
30	96786629	99438985	97347644	102652356	100560415	103213371	30
31	96788955	99438299	97350656	102649344	100561701	103211045	29
32	96791279	99437612	97353667	102646333	100562388	103208721	28
33	96793602	99436925	97356677	102643323	100563075	103206398	27
34	96795923	99436238	97359685	102640315	100563762	103204077	26
35	96798243	99435549	97362693	102637307	100564451	103201757	25
36	96800560	99434861	97365699	102634301	100565139	103199440	24
37	96802877	99434172	97368705	102631295	100565828	103197123	23
38	96805191	99433482	97371709	102628291	100566518	103194809	22
39	96807504	99432792	97374712	102625288	100567208	103192496	21
40	96809816	99432102	97377714	102622286	100567898	103190184	20
41	96812126	99431411	97380715	102619285	100568589	103187874	19
42	96814434	99430720	97383714	102616286	100569280	103185566	18
43	96816741	99430028	97386713	102613287	100569972	103183259	17
44	96819046	99429335	97389710	102610290	100570665	103180954	16
45	96821349	99428643	97392707	102607293	100571357	103178651	15
46	96823651	99427949	97395702	102604298	100572051	103176349	14
47	96825952	99427255	97398696	102601304	100572745	103174048	13
48	96828250	99426561	97401689	102598311	100573439	103171750	12
49	96830548	99425866	97404681	102595319	100574134	103169452	11
50	96832843	99425171	97407672	102592328	100574829	103167157	10
51	96835137	99424476	97410662	102589338	100575524	103164863	9
52	96837430	99423779	97413650	102586350	100576221	103162570	8
53	96839720	99423083	97416638	102583362	100576917	103160274	7
54	96842010	99422386	97419624	102580376	100577614	103157990	6
55	96844297	99421688	97422609	102577391	100578312	103155703	5
56	96846583	99420990	97425594	102574406	100579010	103153417	4
57	96848868	99420291	97428577	102571423	100579709	103151132	3
58	96851151	99419592	97431559	102568441	100580408	103148849	2
59	96853432	99418893	97434540	102565460	100581107	103146563	1
60	96855712	99418193	97437520	102562486	100581807	103144288	0

61 Grad.

29 Grad.

M	Log. Sin	Log. Sin	Log. Tan	Log. Tang	Log Seca.	Log. Seca.	M
0	96855712	99418193	97437520	102562480	100581807	103144288	60
1	96857991	99417492	97440499	102559501	100582508	103142009	59
2	96860267	99416791	97443476	102556524	100583209	103139733	58
3	96862542	99416090	97446453	102553547	100583910	103137458	57
4	96864816	99415388	97449428	102550572	100584612	103135184	56
5	96867088	99414685	97452403	102547597	100585315	103132912	55
6	96869359	99413982	97455376	102544624	100586018	103130641	54
7	96871628	99413279	97458349	102541651	100586721	103128372	53
8	96873895	99412575	97461320	102538680	100587425	103126105	52
9	96876161	99411871	97464290	102535710	100588129	103123839	51
10	96878425	99411166	97467259	102532741	100588834	103121575	50
11	96880688	99410461	97470227	102529773	100589539	103119312	49
12	96882949	99409755	97473194	102526806	100590245	103117051	48
13	96885209	99409048	97476160	102523840	100590952	103114791	47
14	96887467	99408342	97479125	102520875	100591658	103112533	46
15	96889723	99407634	97482089	102517911	100592366	103110277	45
16	96891978	99406927	97485052	102514948	100593073	103108022	44
17	96894232	99406219	97488013	102511987	100593781	103105768	43
18	96896484	99405510	97490974	102509026	100594490	103103516	42
19	96898734	99404801	97493934	102506066	100595199	103101266	41
20	96900983	99404091	97496892	102503108	100595909	103099017	40
21	96903231	99403381	97499850	102500150	100596619	103096769	39
22	96905476	99402670	97502806	102497194	100597330	103094524	38
23	96907721	99401959	97505762	102494238	100598041	103092279	37
24	96909964	99401248	97508716	102491284	100598752	103090036	36
25	96912205	99400535	97511669	102488331	100599465	103087795	35
26	96914445	99399823	97514622	102485378	100600177	103085555	34
27	96916683	99399110	97517573	102482427	100600890	103083317	33
28	96918919	99398396	97520523	102479477	100601004	103081081	32
29	96921155	99397682	97523472	102476528	100602318	103078845	31
30	96923388	99396968	97526420	102473580	100603032	103076612	30
31	96925620	99396253	97529368	102470632	100603747	103074380	29
32	96927851	99395537	97532314	102467686	100604463	103072149	28
33	96930080	99394821	97535259	102464741	100605179	103069920	27
34	96932308	99394105	97538203	102461797	100605895	103067692	26
35	96934534	99393388	97541146	102458854	100606612	103065466	25
36	96936758	99392671	97544088	102455912	100607329	103063242	24
37	96938981	99391953	97547029	102452971	100608047	103061019	23
38	96941203	99391234	97549969	102450031	100608766	103058797	22
39	96943423	99390515	97552908	102447092	100609485	103056577	21
40	96945642	99389796	97555846	102444154	100610204	103054358	20
41	96947859	99389076	97558783	102441217	100610924	103052141	19
42	96950074	99388356	97561718	102438282	100611644	103049926	18
43	96952288	99387635	97564653	102435347	100612365	103047712	17
44	96954501	99386914	97567587	102432413	100613086	103045499	16
45	96956712	99386192	97570520	102429480	100613808	103043288	15
46	96958922	99385470	97573452	102426548	100614530	103041078	14
47	96961130	99384747	97576383	102423617	100615253	103038870	13
48	96963336	99384024	97579313	102420687	100615976	103036664	12
49	96965541	99383300	97582242	102417758	100616700	103034459	11
50	96967745	99382576	97585170	102414830	100617424	103032255	10
51	96969947	99381851	97588096	102411904	100618149	103030053	9
52	96972148	99381126	97591022	102408978	100618874	103027852	8
53	96974347	99380400	97593947	102406053	100619600	103025653	7
54	96976545	99379674	97596871	102403129	100620326	103023455	6
55	96978741	99378947	97599794	102400206	100621053	103021259	5
56	96980936	99378220	97602716	102397284	100621780	103019064	4
57	96983129	99377492	97605637	102394363	100622508	103016871	3
58	96985321	99376764	97608557	102391443	100623236	103014679	2
59	96987511	99376035	97611476	102388524	100623965	103012489	1
60	96989700	99375306	97614394	102385606	100624694	103010300	0

60 Grad.

30 Grad.

M	Log. Sin.	Log. Sin.	Log. Tan.	Log. Tang.	Log. Seca.	Log. Seca.	M
0	96989700	99375306	97614394	102385606	100624694	103010300	60
1	96991887	99374577	97617311	102382689	100625413	103008113	59
2	96994073	99373847	97620227	102379773	100626153	103005927	58
3	96996258	99373116	97623142	102376858	100626884	103003742	57
4	96998441	99372385	97626056	102373944	100627615	103001559	56
5	97000622	99371653	97628969	102371031	100628347	102999378	55
6	97002802	99370921	97631881	102368119	100629079	102997198	54
7	97004981	99370189	97634792	102365208	100629813	102995119	53
8	97007158	99369456	97637702	102362298	100630544	102992842	52
9	97009334	99368722	97640612	102359388	100631278	102990666	51
10	97011508	99367988	97643520	102356480	100632012	102988492	50
11	97013681	99367254	97646427	102353573	100632764	102986319	49
12	97015852	99366519	97649334	102350666	100633418	102984148	48
13	97018022	99365783	97652239	102347761	100634217	102981978	47
14	97020190	99365047	97655143	102344857	100634953	102979810	46
15	97022357	99364311	97658047	102341953	100635689	102977643	45
16	97024523	99363574	97660949	102339051	100636426	102975477	44
17	97026687	99362836	97663851	102336149	100637164	102973313	43
18	97028849	99362098	97666751	102333249	100637902	102971151	42
19	97031011	99361360	97669651	102330349	100638640	102968989	41
20	97033170	99360621	97672550	102327450	100639379	102966830	40
21	97035329	99359881	97675448	102324552	100640119	102964671	39
22	97037486	99359141	97678344	102321656	100640859	102962514	38
23	97039641	99358401	97681240	102318760	100641599	102960359	37
24	97041795	99357660	97684135	102315865	100642340	102958205	36
25	97043947	99356918	97687029	102312971	100643082	102956053	35
26	97046099	99356177	97689922	102310078	100643823	102953901	34
27	97048248	99355434	97692814	102307186	100644566	102951752	33
28	97050397	99354691	97695705	102304295	100645309	102949603	32
29	97052543	99353948	97698596	102301404	100646052	102947457	31
30	97054689	99353204	97701485	102298515	100646796	102945311	30
31	97056833	99352459	97704373	102295627	100647541	102943167	29
32	97058975	99351715	97707261	102292739	100648285	102941025	28
33	97061116	99350969	97710147	102289853	100649031	102938884	27
34	97063256	99350223	97713033	102286967	100649777	102936744	26
35	97065394	99349477	97715917	102284083	100650523	102934606	25
36	97067531	99348730	97718801	102281199	100651270	102932469	24
37	97069667	99347983	97721684	102278316	100652017	102930333	23
38	97071801	99347235	97724566	102275434	100652765	102928199	22
39	97073933	99346486	97727447	102272553	100653514	102926067	21
40	97076064	99345738	97730327	102269673	100654262	102923936	20
41	97078194	99344988	97733206	102266794	100655012	102921806	19
42	97080323	99344238	97736084	102263916	100655762	102919677	18
43	97082450	99343488	97738961	102261039	100656512	102917550	17
44	97084575	99342737	97741838	102258162	100657263	102915425	16
45	97086699	99341986	97744713	102255287	100658014	102913301	15
46	97088822	99341234	97747588	102252412	100658766	102911178	14
47	97090943	99340482	97750462	102249538	100659518	102909057	13
48	97093063	99339729	97753334	102246666	100660271	102906937	12
49	97095182	99338976	97756206	102243794	100661014	102904818	11
50	97097299	99338222	97759077	102240923	100661778	102902701	10
51	97099415	99337467	97761947	102238053	100662533	102900585	9
52	97101529	99336713	97764816	102235184	100663287	102898471	8
53	97103642	99335957	97767685	102232315	100664043	102896358	7
54	97105753	99335201	97770552	102229448	100664799	102894247	6
55	97107863	99334445	97773418	102226582	100665555	102892137	5
56	97109971	99333688	97776284	102223716	100666312	102890028	4
57	97112080	99332931	97779149	102220851	100667069	102887920	3
58	97114186	99332173	97782012	102217988	100667827	102885814	2
59	97116290	99331415	97784875	102215125	100668585	102883710	1
60	97118393	99330656	97787737	102212263	100669344	102881607	0

59 Grad.

31 Grad.

M	Log. Sin.	Log. Sin.	Log. Tan.	Log. Tang.	Log. Seca.	Log. Seca.	M
0	97118393	99330656	97787737	102212263	100669344	102881607	60
1	97120495	99329897	97790599	102209401	100670103	102879505	59
2	97122596	99329137	97793459	102206541	100670863	102877404	58
3	97124695	99328376	97796318	102203682	100671624	102875305	57
4	97126792	99327616	97799177	102200823	100672384	102873208	56
5	97128889	99326854	97802034	102197966	100673146	102872111	55
6	97130983	99326092	97804891	102195109	100673908	102869017	54
7	97133077	99325330	97807747	102192253	100674670	102866923	53
8	97135169	99324567	97810602	102189398	100675433	102864831	52
9	97137260	99323804	97813456	102186544	100676196	102862741	51
10	97139349	99323040	97816309	102183691	100676960	102860651	50
11	97141437	99322276	97819162	102180838	100677724	102858563	49
12	97143524	99321511	97822013	102177987	100678489	102856476	48
13	97145609	99320746	97824864	102175136	100679254	102854391	47
14	97147693	99319980	97827713	102172287	100680020	102852307	46
15	97149776	99319213	97830562	102169438	100680787	102850224	45
16	97151857	99318447	97833410	102166590	100681553	102848143	44
17	97153937	99317679	97836258	102163742	100682321	102846063	43
18	97156015	99316911	97839104	102160896	100683089	102843986	42
19	97158092	99316143	97841949	102158051	100683857	102841908	41
20	97160168	99315374	97844794	102155206	100684626	102839832	40
21	97162243	99314605	97847638	102152362	100685395	102837757	39
22	97164316	99313835	97850481	102149519	100686165	102835684	38
23	97166387	99313065	97853323	102146677	100686935	102833613	37
24	97168458	99312294	97856164	102143836	100687706	102831542	36
25	97170526	99311522	97859004	102140996	100688478	102829474	35
26	97172594	99310750	97861844	102138156	100689250	102827406	34
27	97174660	99309978	97864682	102135318	100690022	102825340	33
28	97176725	99309205	97867520	102132480	100690795	102823275	32
29	97178789	99308432	97870357	102129643	100691568	102821211	31
30	97180851	99307658	97873193	102126807	100692342	102819149	30
31	97182912	99306883	97876028	102123972	100693117	102817088	29
32	97184971	99306109	97878863	102121137	100693891	102815029	28
33	97187030	99305333	97881696	102118304	100694667	102812970	27
34	97189086	99304557	97884529	102115471	100695443	102810914	26
35	97191142	99303781	97887361	102112639	100696219	102808858	25
36	97193196	99303004	97890192	102109808	100696996	102806804	24
37	97195249	99302226	97893023	102106977	100697774	102804751	23
38	97197300	99301448	97895852	102104148	100698552	102802700	22
39	97199350	99300670	97898681	102101319	100699330	102800650	21
40	97201399	99299891	97901508	102098492	100700109	102798601	20
41	97203447	99299112	97904335	102095665	100700888	102796553	19
42	97205493	99298332	97907161	102092839	100701668	102794507	18
43	97207538	99297551	97909987	102090013	100702449	102792462	17
44	97209581	99296770	97912811	102087189	100703230	102790419	16
45	97211623	99295989	97915635	102084365	100704011	102788377	15
46	97213664	99295207	97918458	102081542	100704793	102786336	14
47	97215704	99294424	97921280	102078720	100705576	102784296	13
48	97217742	99293641	97924101	102075899	100706359	102782258	12
49	97219779	99292857	97926921	102073079	100707143	102780221	11
50	97221814	99292073	97929741	102070259	100707927	102778186	10
51	97223848	99291289	97932560	102067440	100708711	102776152	9
52	97225881	99290504	97935378	102064622	100709496	102774119	8
53	97227913	99289718	97938195	102061805	100710282	102772087	7
54	97229943	99288932	97941011	102058989	100711068	102770057	6
55	97231972	99288145	97943827	102056173	100711855	102768028	5
56	97234000	99287358	97946641	102053359	100712642	102766000	4
57	97236026	99286571	97949455	102050545	100713429	102763974	3
58	97238051	99285783	97952268	102047732	100714217	102761949	2
59	97240075	99284994	97955081	102044919	100715006	102759925	1
60	97242097	99284205	97957892	102042108	100715795	102757903	0

58 Grad.

32 Grad.

M	Log. Sin.	Log. Sin.	Log. Tan.	Log. Tang.	Log. Seca.	Log. Seca.	M
0	97242097	99284205	97957892	102042108	100715795	102757903	60
1	97244118	99283415	97960703	102039297	100716585	102755882	59
2	97246138	99282625	97963513	102036487	100717375	102753862	58
3	97248156	99281834	97966322	102033678	100718166	102751844	57
4	97250174	99281043	97969130	102030870	100718957	102749826	56
5	97252189	99280251	97971938	102028062	100719749	102747811	55
6	97254204	99279459	97974745	102025255	100720541	102745796	54
7	97256217	99278666	97977551	102022449	100721334	102743783	53
8	97258229	99277873	97980356	102019644	100722127	102741771	52
9	97260240	99277079	97983160	102016840	100722921	102739760	51
10	97262249	99276285	97985964	102014036	100723715	102737751	50
11	97264257	99275490	97988767	102011233	100724510	102735743	49
12	97266264	99274695	97991569	102008431	100725305	102733736	48
13	97268269	99273899	97994370	102005630	100726101	102731731	47
14	97270273	99273103	97997170	102002830	100726897	102729727	46
15	97272276	99272306	97999970	102000030	100727694	102727724	45
16	97274278	99271509	98002769	101997231	100728491	102725722	44
17	97276278	99270711	98005567	101994433	100729289	102723722	43
18	97278277	99269913	98008365	101991635	100730087	102721723	42
19	97280275	99269114	98011161	101988839	100730886	102719725	41
20	97282271	99268314	98013957	101986043	100731686	102717729	40
21	97284267	99267514	98016752	101983248	100732486	102715733	39
22	97286260	99266714	98019546	101980454	100733286	102713740	38
23	97288253	99265913	98022340	101977660	100734087	102711747	37
24	97290244	99265112	98025133	101974867	100734888	102709756	36
25	97292234	99264310	98027925	101972075	100735690	102707766	35
26	97294223	99263507	98030716	101969284	100736493	102705777	34
27	97296211	99262704	98033506	101966494	100737296	102703789	33
28	97298197	99261901	98036296	101963704	100738099	102701803	32
29	97300182	99261096	98039085	101960915	100738904	102699818	31
30	97302165	99260292	98041873	101958127	100739708	102697835	30
31	97304148	99259487	98044661	101955339	100740513	102695852	29
32	97306129	99258681	98047447	101952553	100741319	102693871	28
33	97308109	99257875	98050233	101949767	100742125	102691891	27
34	97310087	99257069	98053019	101946981	100742931	102689913	26
35	97312064	99256261	98055803	101944197	100743739	102687936	25
36	97314040	99255454	98058587	101941413	100744546	102685960	24
37	97316015	99254646	98061370	101938630	100745354	102683985	23
38	97317989	99253837	98064152	101935848	100746163	102682011	22
39	97319961	99253028	98066933	101933067	100746972	102680039	21
40	97321932	99252218	98069714	101930286	100747782	102678068	20
41	97323902	99251408	98072494	101927506	100748592	102676098	19
42	97325870	99250597	98075273	101924727	100749403	102674130	18
43	97327837	99249786	98078052	101921948	100750214	102672163	17
44	97329803	99248974	98080829	101919171	100751026	102670197	16
45	97331768	99248161	98083606	101916394	100751839	102668232	15
46	97333731	99247349	98086383	101913617	100752651	102666269	14
47	97335693	99246535	98089158	101910842	100753465	102664307	13
48	97337654	99245721	98091933	101908067	100754279	102662346	12
49	97339614	99244907	98094707	101905293	100755093	102660388	11
50	97341572	99244092	98097480	101902520	100755908	102658428	10
51	97343529	99243277	98100253	101899747	100756723	102656471	9
52	97345485	99242461	98103025	101896975	100757539	102654515	8
53	97347440	99241644	98105796	101894204	100758356	102652560	7
54	97349393	99240827	98108566	101891434	100759173	102650607	6
55	97351345	99240010	98111336	101888664	100759990	102648655	5
56	97353296	99239191	98114105	101885895	100760809	102646704	4
57	97355246	99238373	98116873	101883127	100761627	102644754	3
58	97357195	99237554	98119641	101880359	100762446	102642805	2
59	97359142	99236734	98122408	101877592	100763266	102640858	1
60	97361088	99235914	98125174	101874826	100764086	102638912	0

57 Grad.

33 Grad.

M	Log. Sin.	Log. Sin.	Log Tan.	Log Tang.	Log. Seca.	Log. Seca.	M
0	97361088	99235914	98125174	101874826	100764086	102638912	60
1	97363032	99235093	98127939	101872061	100764907	102636968	59
2	97364976	99234272	98130704	101869296	100765728	102635024	58
3	97366918	99233450	98133468	101866532	100766550	102633082	57
4	97368859	99232628	98136231	101863769	100767372	102631141	56
5	97370799	99231805	98138993	101861007	100768195	102629201	55
6	97372737	99230982	98141755	101858245	100769018	102627263	54
7	97374675	99230158	98144516	101855484	100769842	102625325	53
8	97376611	99229334	98147277	101852723	100770666	102623389	52
9	97378546	99228509	98150036	101849964	100771491	102621454	51
10	97380479	99227684	98152795	101847205	100772316	102619521	50
11	97382412	99226858	98155554	101844446	100773142	102617588	49
12	97384343	99226032	98158311	101841689	100773968	102615657	48
13	97386273	99225205	98161068	101838932	100774795	102613727	47
14	97388201	99224377	98163824	101836176	100775623	102611799	46
15	97390129	99223549	98166580	101833420	100776451	102609871	45
16	97392055	99222721	98169335	101830665	100777279	102607945	44
17	97393980	99221891	98172089	101827911	100778109	102606020	43
18	97395904	99221062	98174842	101825158	100778938	102604096	42
19	97397827	99220232	98177595	101822405	100779768	102602173	41
20	97399748	99219401	98180347	101819653	100780599	102600252	40
21	97401668	99218570	98183098	101816902	100781430	102598332	39
22	97403587	99217738	98185849	101814151	100782262	102596413	38
23	97405505	99216906	98188599	101811401	100783094	102594495	37
24	97407421	99216073	98191348	101808652	100783927	102592579	36
25	97409337	99215240	98194096	101805904	100784760	102590663	35
26	97411251	99214406	98196844	101803156	100785594	102588746	34
27	97413164	99213572	98199592	101800408	100786228	102586836	33
28	97415075	99212737	98202338	101797662	100787263	102584925	32
29	97416986	99211902	98205084	101794916	100788098	102583014	31
30	97418895	99211066	98207829	101792171	100788934	102581105	30
31	97420803	99210229	98210574	101789426	100789771	102579197	29
32	97422710	99209393	98213317	101786683	100790607	102577290	28
33	97424616	99208555	98216060	101783940	100791445	102575384	27
34	97426520	99207717	98218803	101781197	100792283	102573480	26
35	97428423	99206878	98221545	101778455	100793122	102571577	25
36	97430325	99206039	98224286	101775714	100793961	102569675	24
37	97432226	99205200	98227026	101772974	100794800	102567774	23
38	97434126	99204360	98229766	101770234	100795640	102565874	22
39	97436024	99203519	98232505	101767495	100796481	102563976	21
40	97437921	99202678	98235244	101764756	100797322	102562079	20
41	97439817	99201836	98237981	101762019	100798164	102560183	19
42	97441712	99200994	98240719	101759281	100799006	102558288	18
43	97443606	99200151	98243455	101756545	100799849	102556394	17
44	97445498	99199308	98246191	101753809	100800692	102554502	16
45	97447390	99198464	98248926	101751074	100801536	102552310	15
46	97449280	99197619	98251660	101748340	100802381	102550720	14
47	97451169	99196775	98254394	101745606	100803225	102548831	13
48	97453056	99195929	98257127	101742873	100804071	102546944	12
49	97454943	99195083	98259860	101740140	100804917	102545057	11
50	97456828	99194237	98262592	101737408	100805763	102543172	10
51	97458712	99193390	98265323	101734677	100806610	102541288	9
52	97460595	99192542	98268053	101731947	100807458	102539405	8
53	97462477	99191694	98270783	101729217	100808306	102537523	7
54	97464358	99190845	98273513	101726487	100809155	102535642	6
55	97466237	99189996	98276211	101723759	100810004	102533763	5
56	97468115	99189146	98278969	101721031	100810854	102531885	4
57	97469992	99188296	98281696	101718304	100811704	102530058	3
58	97471868	99187445	98284423	101715577	100812555	102528132	2
59	97473743	99186594	98287149	101712851	100813406	102526157	1
60	97475617	99185742	98289874	101710126	100814258	102524383	0

56 Grad.

34 Grad.

M	Log Sin	Log. Sin.	Log. Tan.	Log. Tang.	Log. Seca.	Log. Seca.	M
0	97475617	99185742	98289874	101710126	100814258	102524383	60
1	97477489	99184890	98292599	101707401	100815110	102522511	59
2	97479360	99184037	98295323	101704677	100815963	102520640	58
3	97481230	99183183	98298047	101701953	100816817	102518770	57
4	97483099	99182329	98300769	101699231	100817671	102516901	56
5	97484967	99181475	98303492	101696508	100818525	102515033	55
6	97486833	99180620	98306213	101693787	100819380	102513167	54
7	97488698	99179764	98308934	101691066	100820236	102511302	53
8	97490562	99178908	98311654	101688346	100821092	102509438	52
9	97492425	99178051	98314374	101685626	100821949	102507575	51
10	97494287	99177194	98317093	101682907	100822806	102505713	50
11	97496148	99176336	98319811	101680189	100823664	102503852	49
12	97498007	99175478	98322529	101677471	100824522	102501993	48
13	97499866	99174619	98325246	101674754	100825381	102500134	47
14	97501723	99173760	98327963	101672037	100826240	102498277	46
15	97503579	99172900	98330679	101669321	100827000	102496421	45
16	97505434	99172040	98333394	101666606	100827960	102494566	44
17	97507287	99171179	98336109	101663891	100828821	102492713	43
18	97509140	99170317	98338823	101661177	100829683	102490860	42
19	97510991	99169455	98341536	101658464	100830545	102489009	41
20	97512842	99168593	98344249	101655751	100831407	102487158	40
21	97514691	99167730	98346961	101653039	100832270	102485309	39
22	97516538	99166866	98349673	101650327	100833134	102483462	38
23	97518385	99166002	98352384	101647616	100833998	102481615	37
24	97520231	99165137	98355094	101644906	100834863	102479769	36
25	97522075	99164272	98357804	101642196	100835728	102477925	35
26	97523919	99163406	98360513	101639487	100836594	102476081	34
27	97525761	99162539	98363221	101636779	100837461	102474239	33
28	97527602	99161673	98365929	101634071	100838327	102472398	32
29	97529442	99160805	98368636	101631364	100839195	102470558	31
30	97531280	99159937	98371343	101628657	100840063	102468720	30
31	97533118	99159069	98374049	101625951	100840931	102466882	29
32	97534954	99158200	98376755	101623245	100841800	102465046	28
33	97536790	99157330	98379460	101620540	100842670	102463210	27
34	97538624	99156460	98382164	101617836	100843540	102461376	26
35	97540457	99155589	98384867	101615133	100844411	102459543	25
36	97542288	99154718	98387571	101612429	100845282	102457712	24
37	97544119	99153846	98390273	101609727	100846154	102455881	23
38	97545949	99152974	98392975	101607025	100847026	102454051	22
39	97547777	99152101	98395676	101604324	100847899	102452223	21
40	97549604	99151228	98398377	101601623	100848772	102450396	20
41	97551431	99150354	98401077	101598923	100849646	102448569	19
42	97553256	99149479	98403776	101596224	100850421	102446744	18
43	97555080	99148604	98406475	101593525	100851396	102444920	17
44	97556902	99147729	98409174	101590826	100852271	102443098	16
45	97558724	99146852	98411871	101588129	100853148	102441276	15
46	97560544	99145976	98414569	101585431	100854024	102439456	14
47	97562364	99145099	98417265	101582735	100854901	102437636	13
48	97564182	99144221	98419961	101580039	100855779	102435818	12
49	97565999	99143342	98422657	101577343	100856658	102434001	11
50	97567815	99142464	98425351	101574649	100857536	102432185	10
51	97569630	99141584	98428046	101571954	100858416	102430370	9
52	97571444	99140704	98430739	101569261	100859296	102428556	8
53	97573256	99139824	98433432	101566568	100860176	102426744	7
54	97575068	99138943	98436125	101563875	100861057	102424932	6
55	97576878	99138061	98438817	101561183	100861939	102423122	5
56	97578687	99137179	98441508	101558492	100862821	102421313	4
57	97580495	99136296	98444199	101555801	100863704	102419505	3
58	97582302	99135413	98446889	101553111	100864587	102417698	2
59	97584108	99134530	98449579	101550421	100865470	102415892	1
60	97585913	99133645	98452268	101547732	100866355	102414087	0

55 Grad.

35 Grad.

M	Log. Sin.	Log. Sin	Log. Tan.	Log Tang.	Log. Seca.	Log. Seca.	M
0	97585913	99133645	98452268	101547732	100866355	102414087	60
1	97587717	99132760	98454956	101545044	100867240	102412283	59
2	97589519	99131875	98457644	101542356	100868125	102410481	58
3	97591321	99130989	98460332	101539668	100869011	102408679	57
4	97593121	99130102	98463018	101536982	100869898	102406879	56
5	97594920	99129215	98465705	101534295	100870785	102405080	55
6	97596718	99128328	98468390	101531610	100871672	102403282	54
7	97598515	99127440	98471075	101528925	100872560	102401485	53
8	97600311	99126551	98473760	101526240	100873448	102399689	52
9	97602106	99125662	98476444	101523556	100874339	102397894	51
10	97603899	99124772	98479127	101520873	100875226	102396101	50
11	97605692	99123882	98481810	101518190	100876118	102394308	49
12	97607483	99122991	98484492	101515508	100877009	102392517	48
13	97609274	99122099	98487174	101512826	100877901	102390726	47
14	97611063	99121207	98489855	101510145	100878793	102388937	46
15	97612851	99120315	98492536	101507464	100879685	102387149	45
16	97614638	99119422	98495216	101504784	100880578	102385362	44
17	97616424	99118528	98497896	101502104	100881472	102383576	43
18	97618208	99117634	98500575	101499425	100882366	102381792	42
19	97619992	99116739	98503253	101496747	100883261	102380008	41
20	97621775	99115844	98505931	101494069	100884156	102378225	40
21	97623556	99114948	98508608	101491392	100885052	102376444	39
22	97625337	99114051	98511285	101488715	100885949	102374663	38
23	97627116	99113155	98513961	101486039	100886845	102372884	37
24	97628894	99112257	98516637	101483363	100887743	102371106	36
25	97630671	99111359	98519312	101480688	100888641	102369329	35
26	97632447	99110460	98521987	101478013	100889540	102367553	34
27	97634222	99109561	98524661	101475339	100890439	102365778	33
28	97635996	99108661	98527335	101472665	100891339	102364004	32
29	97637769	99107761	98530008	101469992	100892239	102362231	31
30	97639540	99106860	98532680	101467320	100893140	102360460	30
31	97641311	99105959	98535352	101464648	100894041	102358689	29
32	97643080	99105057	98538023	101461977	100894943	102356920	28
33	97644849	99104155	98540694	101459306	100895845	102355151	27
34	97646616	99103251	98543365	101456635	100896749	102353384	26
35	97648382	99102348	98546034	101453966	100897652	102351618	25
36	97650147	99101444	98548704	101451296	100898556	102349853	24
37	97651911	99100539	98551372	101448628	100899461	102348089	23
38	97653674	99099634	98554041	101445959	100900366	102346326	22
39	97655430	99098728	98556708	101443292	100901272	102344564	21
40	97657197	99097821	98559376	101440624	100902179	102342803	20
41	97658957	99096915	98562042	101437958	100903085	102341043	19
42	97660715	99096007	98564708	101435292	100903993	102339285	18
43	97662473	99095099	98567374	101432626	100904901	102337527	17
44	97664229	99094190	98570039	101429961	100905810	102335771	16
45	97665985	99093281	98572704	101427296	100906719	102334015	15
46	97667739	99092371	98575368	101424632	100907629	102332261	14
47	97669492	99091461	98578031	101421969	100908539	102330508	13
48	97671244	99090550	98580694	101419306	100909450	102328756	12
49	97672996	99089639	98583357	101416643	100910361	102327004	11
50	97674746	99088727	98586019	101413981	100911273	102325254	10
51	97676494	99087814	98588680	101411320	100912186	102323506	9
52	97678242	99086901	98591341	101408659	100913099	102321758	8
53	97679989	99085988	98594002	101405998	100914012	102320011	7
54	97681735	99085073	98596661	101403339	100914927	102318265	6
55	97683480	99084159	98599321	101400679	100915841	102316520	5
56	97685223	99083243	98601980	101398020	100916757	102314777	4
57	97686966	99082327	98604638	101395362	100917673	102313034	3
58	97688707	99081411	98607296	101392704	100918589	102311293	2
59	97690448	99080494	98609954	101390046	100919506	102309552	1
60	97692187	99079576	98612610	101387390	100920424	102307813	0

54 Grad.

36 Grad.

M	Log. Sin.	Log. Sin.	Log. Tan.	Log. Tang.	Log. Seca.	Log. Seca.	M
0	97692187	99079576	98612610	101387390	100920424	102307813	60
1	97693925	99078658	98615267	101384733	100921342	102306075	59
2	97695662	99077740	98617923	101382077	100922260	102304338	58
3	97697398	99076820	98620578	101379422	100923180	102302602	57
4	97699134	99075901	98623233	101376767	100924099	102300866	56
5	97700868	99074980	98625887	101374113	100925020	102299132	55
6	97702601	99074059	98628541	101371459	100925941	102297399	54
7	97704332	99073138	98631195	101368805	100926862	102295668	53
8	97706063	99072216	98633848	101366152	100927784	102293937	52
9	97707793	99071293	98636500	101363500	100928707	102292207	51
10	97709522	99070370	98639152	101360848	100929630	102290478	50
11	97711249	99069446	98641803	101358197	100930554	102288751	49
12	97712976	99068522	98644454	101355546	100931478	102287024	48
13	97714702	99067597	98647105	101352895	100932403	102285298	47
14	97716426	99066671	98649755	101350245	100933329	102283574	46
15	97718150	99065745	98652404	101347596	100934255	102281850	45
16	97719872	99064819	98655053	101344947	100935181	102280128	44
17	97721593	99063892	98657702	101342298	100936108	102278407	43
18	97723314	99062964	98660350	101339650	100937036	102276686	42
19	97725033	99062036	98662997	101337003	100937964	102274967	41
20	97726751	99061107	98665644	101334356	100938893	102273249	40
21	97728468	99060177	98668291	101331709	100939823	102271532	39
22	97730185	99059247	98670937	101329063	100940753	102269815	38
23	97731900	99058317	98673583	101326417	100941683	102268100	37
24	97733614	99057386	98676228	101323772	100942614	102266386	36
25	97735327	99056454	98678873	101321127	100943546	102264673	35
26	97737039	99055522	98681517	101318483	100944478	102262961	34
27	97738749	99054589	98684160	101315840	100945411	102261251	33
28	97740459	99053656	98686804	101313196	100946344	102259541	32
29	97742168	99052722	98689446	101310554	100947278	102257832	31
30	97743876	99051787	98692089	101307911	100948213	102256124	30
31	97745583	99050852	98694731	101305269	100949148	102254417	29
32	97747288	99049916	98697372	101302628	100950084	102252712	28
33	97748993	99048980	98700013	101299987	100951020	102251007	27
34	97750697	99048043	98702653	101297347	100951957	102249303	26
35	97752399	99047106	98705293	101294707	100952894	102247601	25
36	97754101	99046168	98707933	101292067	100953832	102245899	24
37	97755801	99045230	98710572	101289428	100954770	102244199	23
38	97757501	99044291	98713210	101286790	100955709	102242499	22
39	97759199	99043351	98715848	101284152	100956649	102240801	21
40	97760897	99042411	98718486	101281514	100957589	102239103	20
41	97762593	99041470	98721123	101278877	100958530	102237407	19
42	97764289	99040529	98723760	101276240	100959471	102235711	18
43	97765983	99039587	98726396	101273604	100960413	102234017	17
44	97767676	99038644	98729032	101270968	100961356	102232324	16
45	97769369	99037701	98731668	101268332	100962299	102230631	15
46	97771060	99036757	98734302	101265698	100963243	102228940	14
47	97772750	99035813	98736937	101263063	100964187	102227250	13
48	97774439	99034868	98739571	101260429	100965132	102225561	12
49	97776128	99033923	98742204	101257796	100966077	102223872	11
50	97777815	99032977	98744838	101255162	100967023	102222185	10
51	97779501	99032031	98747470	101252530	100967969	102220499	9
52	97781186	99031084	98750102	101249898	100968916	102218814	8
53	97782870	99030136	98752734	101247266	100969864	102217130	7
54	97784553	99029188	98755365	101244635	100970812	102215447	6
55	97786235	99028239	98757996	101242004	100971761	102213765	5
56	97787916	99027289	98760627	101239373	100972711	102212084	4
57	97789596	99026339	98763257	101236743	100973661	102210404	3
58	97791275	99025389	98765886	101234114	100974611	102208725	2
59	97792953	99024438	98768515	101231485	100975562	102207047	1
60	97794630	99023486	98771144	101228856	100976514	102205370	0

53 Grad.

37 Grad.

M	Log. Sin.	Log. Sin.	Log. Tan.	Log. Tang.	Log. Seca.	Log. Seca.	M
0	97794630	99023486	98771144	101228856	100976514	102205370	60
1	97790306	99022534	98773772	101226228	100977466	102203694	59
2	97797981	99021581	98776400	101223600	100978419	102202019	58
3	97799655	99020628	98779027	101220973	100979372	102200345	57
4	97801328	99019674	98781654	101218346	100980326	102198672	56
5	97803000	99018719	98784281	101215719	100981281	102197000	55
6	97804671	99017764	98786907	101213093	100982236	102195329	54
7	97806341	99016808	98789533	101210467	100983192	102193659	53
8	97808010	99015852	98792158	101207842	100984148	102191990	52
9	97809677	99014895	98794782	101205218	100985105	102190323	51
10	97811344	99013938	98797407	101202593	100986062	102188656	50
11	97813010	99012980	98800031	101199969	100987020	102186990	49
12	97814675	99012021	98802654	101197346	100987979	102185325	48
13	97816339	99011062	98805277	101194723	100988938	102183661	47
14	97818002	99010102	98807900	101192100	100989898	102181998	46
15	97819664	99009142	98810522	101189478	100990858	102180336	45
16	97821324	99008181	98813144	101186856	100991819	102178676	44
17	97822984	99007219	98815765	101184235	100992781	102177016	43
18	97824643	99006257	98818386	101181614	100993743	102175357	42
19	97826301	99005294	98821007	101178993	100994706	102173699	41
20	97827958	99004331	98823627	101176373	100995669	102172042	40
21	97829614	99003367	98826246	101173754	100996633	102170386	39
22	97831268	99002403	98828866	101171134	100997597	102168732	38
23	97832922	99001438	98831484	101165516	100998562	102167078	37
24	97834575	99000472	98834103	101168897	100999528	102165425	36
25	97836227	98999506	98836721	101163279	101000494	102163773	35
26	97837878	98998539	98839338	101160662	101001461	102162122	34
27	97839528	98997572	98841956	101158044	101002428	102160472	33
28	97841177	98996604	98844572	101155428	101003396	102158823	32
29	97842824	98995636	98847189	101152811	101004364	102157176	31
30	97844471	98994667	98849805	101150195	101005333	102155529	30
31	97846117	98993697	98852420	101147580	101006303	102153883	29
32	97847762	98992727	98855035	101144965	101007273	102152238	28
33	97849406	98991756	98857650	101142350	101008244	102150594	27
34	97851049	98990784	98860264	101139736	101009216	102148951	26
35	97852691	98989812	98862878	101137122	101010188	102147309	25
36	97854332	98988840	98865492	101134508	101011166	102145668	24
37	97855972	98987867	98868105	101131895	101012133	102144028	23
38	97857611	98986893	98870718	101129282	101013107	102142389	22
39	97859249	98985919	98873330	101126670	101014081	102140751	21
40	97860886	98984944	98875942	101124058	101015056	102139114	20
41	97862522	98983968	98878554	101121446	101016032	102137478	19
42	97864157	98982992	98881165	101118835	101017008	102135843	18
43	97865791	98982015	98883775	101116225	101017985	102134209	17
44	97867424	98981038	98886386	101113614	101018962	102132576	16
45	97869056	98980060	98888996	101111004	101019940	102130944	15
46	97870687	98979082	98891605	101108395	101020918	102129313	14
47	97872317	98978103	98894214	101105786	101021897	102127683	13
48	97873946	98977123	98896823	101103177	101022877	102126054	12
49	97875574	98976143	98899432	101100568	101023857	102124426	11
50	97877202	98975162	98902040	101097960	101024838	102122798	10
51	97878828	98974181	98904647	101095353	101025819	102121172	9
52	97880453	98973199	98907254	101092746	101026801	102119547	8
53	97882077	98972216	98909861	101090139	101027784	102117923	7
54	97883701	98971233	98912468	101087532	101028767	102116299	6
55	97885323	98970249	98915074	101084926	101029751	102114677	5
56	97886944	98969265	98917679	101082321	101030735	102113056	4
57	97888565	98968280	98920285	101079715	101031720	102111435	3
58	97890184	98967294	98922890	101077110	101032706	102109816	2
59	97891802	98966308	98925494	101074506	101033692	102108198	1
60	97893420	98965321	98928098	101071902	101034679	102106580	0

52 Grad.

38 Grad.

M	Log. Sin.	Log. Sin.	Log. Tan.	Log Tang.	Log. Seca.	Log. Seca.	M
0	97893420	98965321	98928098	101071902	101034679	102106580	60
1	97895036	98964334	98930702	101069298	101035666	102104964	59
2	97896652	98963346	98933306	101066694	101036654	102103348	58
3	97898266	98962358	98935909	101064091	101037642	102101734	57
4	97899880	98961369	98938511	101061489	101038631	102100120	56
5	97901493	98960379	98941114	101058886	101039621	102098507	55
6	97903104	98959389	98943715	101056285	101040611	102096896	54
7	97904715	98958398	98946317	101053683	101041602	102095285	53
8	97906323	98957406	98948918	101051082	101042594	102093675	52
9	97907933	98956414	98951519	101048481	101043586	102092067	51
10	97909541	98955422	98954119	101045881	101044578	102090459	50
11	97911148	98954429	98956719	101043281	101045571	102088852	49
12	97912754	98953435	98959319	101040681	101046565	102087246	48
13	97914359	98952440	98961918	101038082	101047560	102085641	47
14	97915963	68951445	98964517	101035483	101048555	102084037	46
15	97917566	98950450	98967116	101032884	101049550	102082434	45
16	97919168	98949453	98969714	101030286	101050547	102080832	44
17	97920769	98948457	98972312	101027688	101051543	102079231	43
18	97922366	98947459	98974910	101025090	101052542	102077631	42
19	97923968	98946461	98977507	101022493	101053539	102076030	41
20	97925566	98945463	98980104	101019896	101054537	102074434	40
21	97927163	98944463	98982700	101017300	101055537	102072837	39
22	97928700	98943464	98985296	101014704	101056536	102071240	38
23	97930355	98942463	98987892	101012108	101057537	102069645	37
24	97931949	98941462	98990487	101009513	101058538	102068051	36
25	97933543	98940461	98993082	101006918	101059539	102066457	35
26	97935135	98939458	98995677	101004323	101060542	102064865	34
27	97936727	98938456	98998271	101001729	101061544	102063273	33
28	97938317	98937452	99000865	100999135	101062578	102061683	32
29	97939907	98936448	99003459	100996541	101063552	102060093	31
30	97941496	98935444	99006052	100993948	101064556	102058504	30
31	97943083	98934439	99008645	100991355	101065561	102056917	29
32	97944670	98933433	99011237	100988763	101066567	102055330	28
33	97946256	98932426	99013830	100986170	101067574	102053744	27
34	97947841	98931419	99016422	100983578	101068581	102052159	26
35	97949425	98930412	99019013	100980987	101069588	102050575	25
36	97951008	98929404	99021604	100978396	101070596	102048992	24
37	97952590	98928395	99024195	100975805	101071605	102047410	23
38	97954171	98927385	99026786	100973214	101072615	102045829	22
39	97955751	98926375	99029376	100970624	101073625	102044249	21
40	97957330	98925365	99031966	100968034	101074635	102042670	20
41	97958909	98924354	99034555	100965445	101075646	102041091	19
42	97960486	98923342	99037144	100962856	101076657	102039514	18
43	97962062	98922329	99039733	100960267	101077671	102037938	17
44	97963638	98921316	99042321	100957679	101078684	102036362	16
45	97965212	98920303	99044910	100955090	101079697	102034788	15
46	97966786	98919289	99047498	100952503	101080711	102033214	14
47	97968359	98918274	99050085	100949915	101081726	102031641	13
48	97969930	98917258	99052672	100947328	101082742	102030070	12
49	97971501	98916242	99055259	100944741	101083758	102028499	11
50	97973071	98915226	99057845	100942155	101084774	102026929	10
51	97974640	98914208	99060431	100939569	101085792	102025360	9
52	97976208	98913191	99063017	100936983	101086809	102023792	8
53	97977775	98912172	99065603	100934397	101087828	102022225	7
54	97979341	98911153	99068188	100931812	101088847	102026659	6
55	97980906	98910133	99070773	100929227	101089867	102019094	5
56	97982470	68909113	99073357	100926643	101090877	102017530	4
57	97984034	98908092	99075941	100924059	101091908	102015966	3
58	97985596	98907071	99078525	100921475	101092929	102014404	2
59	97987158	98906049	99081109	100918891	101093951	102012842	1
60	97988718	98905026	99083692	100916308	101094974	102011282	0

51 Grad.

39 Grad.

M	Log. Sin	Log. Sin.	Log. Tan.	Log. Tang.	Log. Seca.	Log. Seca.	M
0	97988718	98905026	99083692	100910308	101094974	102011282	60
1	97990278	98904003	99086275	100913725	101095997	102009722	59
2	97991836	98902979	99088858	100911142	101097021	102008164	58
3	97993394	98901954	99091440	100908560	101098046	102006606	57
4	97994951	98900929	99094022	100905978	101099071	102005049	56
5	97996557	98899903	99096603	100903397	101100097	102003493	55
6	97998062	98898877	99099185	100900815	101101123	102001938	54
7	97999616	98897850	99101766	100898234	101102150	102000384	53
8	98001169	98896822	99104347	100895653	101103178	101998831	52
9	98002721	98895794	99106927	100893073	101104206	101997279	51
10	98004272	98894765	99109507	100890493	101105235	101995728	50
11	98005823	98893736	99112087	100887913	101106264	101994177	49
12	98007372	98892706	99114666	100885334	101107294	101992628	48
13	98008921	98891675	99117245	100882755	101108325	101991079	47
14	98010468	98890644	99119824	100880176	101109356	101989532	46
15	98012015	98889612	99122403	100877597	101110388	101987985	45
16	98013561	98888580	99124981	100875019	101111420	101986439	44
17	98015106	98887547	99127559	100872441	101112453	101984894	43
18	98016649	98886513	99130137	100869863	101113487	101983351	42
19	98018192	98885479	99132714	100867286	101114521	101981808	41
20	98019735	98884444	99135291	100864709	101115556	101980265	40
21	98021276	98883408	99137868	100862132	101116592	101978724	39
22	98022816	98882372	99140444	100859556	101117628	101977184	38
23	98024355	98881335	99143020	100856980	101118665	101975645	37
24	98025894	98880298	99145596	100854404	101119702	101974106	36
25	98027431	98879260	99148171	100851829	101120740	101972569	35
26	98028968	98878221	99150747	100849253	101121779	101971032	34
27	98030504	98877182	99153322	100846678	101122818	101969496	33
28	98032038	98876142	99155896	100844104	101123858	101967962	32
29	98033572	98875102	99158471	100841529	101124898	101966428	31
30	98035105	98874061	99161045	100838955	101125939	101964895	30
31	98036637	98873019	99163618	100836382	101126981	101963363	29
32	98038168	98871977	99166192	100833808	101128023	101961832	28
33	98039699	98870934	99168765	100831235	101129066	101960301	27
34	98041228	98869890	99171338	100828662	101130110	101958772	26
35	98042757	98868846	99173911	100826089	101131154	101957243	25
36	98044284	98867801	99176483	100823517	101132199	101955716	24
37	98045811	98866756	99179055	100820945	101133244	101954189	23
38	98047336	98865710	99181627	100818373	101134296	101952664	22
39	98048861	98864663	99184198	100815802	101135337	101951139	21
40	98050385	98863616	99186769	100813231	101136384	101949615	20
41	98051908	98862568	99189340	100810660	101137432	101948092	19
42	98053430	98861519	99191911	100808089	101138481	101946570	18
43	98054951	98860470	99194481	100805519	101139530	101945049	17
44	98056472	98859420	99197051	100802949	101140580	101943528	16
45	98057991	98858370	99199621	100800379	101141630	101942009	15
46	98059510	98857319	99202191	100797809	101142681	101940490	14
47	98061027	98856267	99204760	100795240	101143733	101938973	13
48	98062544	98855215	99207329	100792671	101144785	101937456	12
49	98064060	98854162	99209898	100790102	101145838	101935940	11
50	98065575	98853109	99212466	100787534	101146891	101934425	10
51	98067089	98852055	99215034	100784966	101147945	101932911	9
52	98068602	98851000	99217602	100782398	101149000	101931398	8
53	98070114	98849945	99220170	100779830	101150055	101929886	7
54	98071626	98848889	99222737	100777263	101151111	101928374	6
55	98073136	98847832	99225304	100774696	101152168	101926864	5
56	98074646	98846775	99227871	100772129	101153225	101925354	4
57	98076154	98845717	99230437	100769563	101154283	101923846	3
58	98077662	98844659	99233004	100766996	101155341	101922338	2
59	98079169	98843599	99235570	100764430	101156401	101920831	1
60	98080675	98842540	99238135	100761865	101157466	101919325	0

50 Grad.

40 Grad.

M	Log. Sin.	Log. Sin.	Log. Tan.	Log. Tang.	Log Seca.	Log. Seca.	M
0	98080675	98842540	99238135	100761865	101157460	101919325	60
1	98082180	98841479	99240701	100759299	101158521	101917820	59
2	98083684	98840418	99243266	100756734	101159582	101916316	58
3	98085188	98839357	99245831	100754169	101160643	101914812	57
4	98086690	98838294	99248396	100751604	101161706	101913310	56
5	98088192	98837232	99250960	100749040	101162768	101911808	55
6	98089692	98836168	99253524	100746476	101163832	101910308	54
7	98091192	98835104	99256088	100743912	101164896	101908808	53
8	98092691	98834039	99258652	100741348	101165961	101907309	52
9	98094189	98832974	99261215	100738785	101167026	101905811	51
10	98095686	98831908	99263778	100736222	101168092	101904314	50
11	98097182	98830841	99266341	100733659	101169159	101902818	49
12	98098678	98829774	99268904	100731096	101170226	101901322	48
13	98100172	98828706	99271466	100728534	101171294	101899828	47
14	98101666	98827638	99274028	100725972	101172362	101898334	46
15	98103159	98826568	99276590	100723410	101173432	101896841	45
16	98104650	98825499	99279152	100720848	101174501	101895350	44
17	98106141	98824428	99281713	100718287	101175572	101893859	43
18	98107531	98823357	99284274	100715726	101176643	101892369	42
19	98109121	98822285	99286835	100713165	101177715	101890879	41
20	98110609	98821213	99289396	100710604	101178787	101889391	40
21	98112096	98820140	99291956	100708044	101179860	101887904	39
22	98113583	98819067	99294516	100705484	101180933	101886417	38
23	98115069	98817992	99297076	100702924	101182008	101884931	37
24	98116554	98816918	99299636	100700364	101183082	101883446	36
25	98118038	98815842	99302195	100697805	101184158	101881912	35
26	98119521	98814766	99304755	100695245	101185234	101880479	34
27	98121003	98813689	99307314	100692686	101186311	101878997	33
28	98122484	98812612	99309872	100690128	101187388	101877516	32
29	98123965	98811534	99312431	100687569	101188466	101876035	31
30	98125444	98810455	99314989	100685011	101189545	101874556	30
31	98126923	98809376	99317547	100682453	101190624	101873077	29
32	98128401	98808296	99320105	100679895	101191704	101871599	28
33	98129878	98807215	99322662	100677338	101192785	101870122	27
34	98131354	98806134	99325220	100674780	101193866	101868646	26
35	98132829	98805052	99327777	100672223	101194948	101867171	25
36	98134303	98803970	99330334	100669666	101196030	101865697	24
37	98135777	98802887	99332890	100667110	101197113	101864223	23
38	98137250	98801803	99335446	100664554	101198197	101862751	22
39	98138721	98800719	99338003	100661997	101199281	101861279	21
40	98140192	98799634	99340559	100659441	101200366	101859808	20
41	98141662	98798548	99343114	100656886	101201452	101858338	19
42	98143131	98797462	99345670	100654330	101202538	101856869	18
43	98144600	98796375	99348225	100651775	101203625	101855400	17
44	98146067	98795287	99350780	100649220	101204713	101853933	16
45	98147534	98794199	99353335	100646665	101205801	101852466	15
46	98148999	98793110	99355889	100644111	101206890	101851001	14
47	98150464	98792021	99358444	100641556	101207979	101849536	13
48	98151928	98790930	99360998	100639002	101209070	101848072	12
49	98153391	98789840	99363552	100636448	101210160	101846609	11
50	98154854	98788748	99366105	100633895	101211252	101845146	10
51	98156315	98787656	99368659	100631341	101212344	101843685	9
52	98157776	98786513	99371212	100628788	101213437	101842224	8
53	98159235	98785470	99373765	100626235	101214530	101840765	7
54	98160694	98784376	99376318	100623682	101215624	101839306	6
55	98162152	98783281	99378871	100621128	101216719	101837848	5
56	98163609	98782186	99381423	100618577	101217814	101836391	4
57	98165066	98781090	99383975	100616025	101218910	101834934	3
58	98166521	98779994	99386527	100613473	101220006	101833479	2
59	98167975	98778896	99389079	100610921	101221104	101832025	1
60	98169429	98777799	99391631	100608369	101222201	101830571	0

49 Grad.

41 Grad.

M	Log. Sin.	Log. Sin.	Log Tan.	Log. Tang.	Log. Seca	Log. Seca.	M
0	98169429	98777799	99391631	100608369	101222201	101830571	60
1	98170882	98776700	99394182	100605818	101223300	101829118	59
2	98172334	98775601	99396733	100603267	101224399	101827666	58
3	98173785	98774501	99399284	100600716	101225499	101826215	57
4	98175235	98773401	99401835	100598165	101226599	101824765	56
5	98176685	98772300	99404385	100595615	101227700	101822315	55
6	98178133	98771198	99406936	100593064	101228802	101821867	54
7	98179581	98770096	99409486	100590514	101229904	101820419	53
8	98181028	98768993	99412036	100587964	101231007	101818972	52
9	98182474	98767889	99414585	100585415	101232111	101817526	51
10	98183919	98766785	99417135	100582865	101233215	101816081	50
11	98185364	98765680	99419684	100580316	101234320	101814636	49
12	98186807	98764574	99422233	100577767	101235426	101813193	48
13	98188250	98763468	99424782	100575218	101236532	101811750	47
14	98189692	98762361	99427331	100572669	101237639	101810308	46
15	98191133	98761253	99429879	100570121	101238747	101808867	45
16	98192573	98760145	99432428	100567572	101239855	101807427	44
17	98194012	98759036	99434976	100565024	101240964	101805988	43
18	98195450	98757927	99437524	100562476	101242073	101804550	42
19	98196888	98756816	99440072	100559928	101243184	101803112	41
20	98198325	98755706	99442619	100557381	101244294	101801675	40
21	98199761	98754594	99445166	100554834	101245406	101800239	39
22	98201196	98753482	99447714	100552286	101246518	101798804	38
23	98202630	98752369	99450261	100549739	101247631	101797370	37
24	98204063	98751256	99452807	100547193	101248744	101795937	36
25	98205496	98750142	99455354	100544646	101249858	101794504	35
26	98206927	98749027	99457900	100542100	101250973	101793073	34
27	98208358	98747912	99460447	100539553	101252088	101791642	33
28	98209788	98746795	99462993	100537007	101253205	101790212	32
29	98211217	98745679	99465539	100534461	101254321	101788783	31
30	98212646	98744561	99468084	100531916	101255439	101787354	30
31	98214073	98743443	99470630	100529370	101256557	101785927	29
32	98215500	98742325	99473175	100526825	101257675	101784500	28
33	98216926	98741205	99475720	100524280	101258795	101783075	27
34	98218351	98740085	99478265	100521735	101259915	101781649	26
35	98219775	98738965	99480810	100519190	101261035	101780225	25
36	98221198	98737844	99483355	100516645	101262156	101778802	24
37	98222621	98736722	99485899	100514101	101263278	101777379	23
38	98224042	98735599	99488443	100511557	101264401	101775958	22
39	98225463	98734476	99490987	100509013	101265524	101774537	21
40	98226883	98733352	99493531	100506469	101266648	101773117	20
41	98228302	98732227	99496075	100503925	101267773	101771698	19
42	98229721	98731102	99498619	100501381	101268898	101770279	18
43	98231138	98729976	99501162	100498838	101270024	101768862	17
44	98232555	98728849	99503705	100496295	101271151	101767445	16
45	98233971	98727722	99506248	100493752	101272278	101766029	15
46	98235386	98726594	99508791	100491209	101273406	101764614	14
47	98236800	98725466	99511334	100488666	101274534	101763200	13
48	98238213	98724337	99513876	100486124	101275663	101761787	12
49	98239626	98723207	99516419	100483581	101276793	101760374	11
50	98241037	98722076	99518961	100481039	101277924	101758963	10
51	93242448	98720945	99521503	100478497	101279055	101757552	9
52	98243858	98719813	99524045	100475955	101280187	101756142	8
53	98245267	98718681	99526587	100473413	101281319	101754733	7
54	98246676	98717548	99529128	100470872	101282452	101753324	6
55	98248083	98716414	99531670	100468330	101283586	101751917	5
56	98249490	98715279	99534211	100465789	101284721	101750510	4
57	98250896	98714144	99536752	100463248	101285856	101749104	3
58	98252301	98713008	99539293	100460707	101286992	101747699	2
59	98253705	98711872	99541834	100458166	101288128	101746295	1
60	98255109	98710735	99544374	100455626	101289265	101744891	0

48 Grad.

42 Grad.

M	Log. Sin.	Log. Sin.	Log. Tan.	Log. Tang.	Log. Seca.	Log. Seca.	M
0	98255109	98710735	99544374	100455626	101289265	101744891	60
1	98256512	98709597	99546915	100455085	101290433	101743488	59
2	98257913	98708458	99549455	100450545	101291542	101742087	58
3	98259314	98707319	99551995	100448005	101292681	101740686	57
4	98260715	98706179	99554535	100445465	101293821	101739285	56
5	98262114	98705039	99557075	100442925	101294961	101737786	55
6	98263512	98703898	99559615	100440385	101296102	101736488	54
7	98264910	98702756	99562154	100437846	101297244	101735090	53
8	98266307	98701613	99564694	100435306	101298387	101734693	52
9	98267703	98700470	99567233	100432767	101299530	101732297	51
10	98269098	98699326	99569772	100430228	101300674	101730902	50
11	98270493	98698182	99572311	100427689	101301818	101729507	49
12	98271887	98697037	99574850	100425150	101302963	101728113	48
13	98273279	98695891	99577389	100422611	101304109	101726721	47
14	98274671	98694744	99579927	100420073	101305256	101725329	46
15	98276063	98693597	99582465	100417535	101306403	101723937	45
16	98277453	98692449	99585004	100414996	101307551	101722547	44
17	98278843	98691301	99587542	100412458	101308699	101721157	43
18	98280231	98690152	99590080	100409920	101309848	101719769	42
19	98281619	98689002	99592618	100407382	101310998	101718381	41
20	98283006	98687851	99595155	100404845	101312149	101716994	40
21	98284393	98686700	99597693	100402307	101313300	101715607	39
22	98285778	98685548	99600230	100399770	101314452	101714222	38
23	98287163	98684396	99602767	100397233	101315634	101712837	37
24	98288547	98683242	99605305	100394695	101316758	101711453	36
25	98289930	98682088	99607842	100392158	101317912	101710070	35
26	98291312	98680934	99610378	100389622	101319066	101708688	34
27	98292694	98679779	99612915	100387085	101320221	101707306	33
28	98294075	98678623	99615452	100384548	101321377	101705925	32
29	98295454	98677466	99617988	100382012	101322534	101704556	31
30	98296833	98676309	99620525	100379475	101323691	101703167	30
31	98298212	98675151	99623061	100376939	101324849	101701788	29
32	98299589	98673992	99625597	100374403	101326008	101700411	28
33	98300966	98672833	99628133	100371867	101327167	101699034	27
34	98302342	98671673	99630669	100369331	101328327	101697658	26
35	98303717	98670512	99633204	100366796	101329488	101696283	25
36	98305091	98669351	99635740	100364260	101330649	101694909	24
37	98306464	98668189	99638275	100361725	101331811	101693536	23
38	98307837	98667026	99640811	100359189	101332974	101692163	22
39	98309209	98665863	99643346	100356654	101334137	101690791	21
40	98310580	98664699	99645881	100354119	101335301	101689420	20
41	98311950	98663534	99648416	100351584	101336466	101688050	19
42	98313320	98662369	99650951	100349049	101337631	101686680	18
43	98314688	98661203	99653486	100346514	101338797	101685312	17
44	98316059	98660036	99656020	100343980	101339964	101683944	16
45	98317423	98658868	99658555	100341445	101341132	101682577	15
46	98318789	98657700	99661089	100338911	101342300	101681211	14
47	98320155	98656531	99663623	100336377	101343469	101679845	13
48	98321519	98655362	99666157	100333843	101344638	101678488	12
49	98322883	98654192	99668692	100331308	101345808	101677117	11
50	98324246	98653021	99671225	100328775	101346979	101675754	10
51	98325609	98651849	99673759	100326241	101348151	101674391	9
52	98326970	98650677	99676293	100323707	101349323	101673030	8
53	98328331	98649504	99678827	100321173	101350496	101671669	7
54	98329691	98648331	99681360	100318640	101351669	101670309	6
55	98331050	98647156	99683893	100316107	101352844	101668950	5
56	98332408	98645981	99686427	100313573	101354019	101667592	4
57	98333766	98644806	99688960	100311040	101355194	101666234	3
58	98335122	98643629	99691493	100308507	101356371	101664878	2
59	98336478	98642452	99694026	100305974	101357548	101663522	1
60	98437833	98641275	99696559	100303441	101358725	101662167	0

47 Grad.

43 Grad.

M	Log. Sin.	Log. Sin.	Log. Tan.	Log. Tang	Log. Seca.	Log. Seca.	M
0	98337833	98641275	99696559	100303441	101358725	101662167	60
1	98339188	98640096	99699091	100300909	101359904	101660812	59
2	98340541	98638917	99701624	100298376	101361083	101659459	58
3	98341894	98637737	99704157	100295843	101362263	101658106	57
4	98343246	98636557	99706689	100293311	101363443	101656754	56
5	98344597	98635376	99709221	100290779	101364624	101655403	55
6	98345948	98634194	99711754	100288246	101365806	101654052	54
7	98347297	98633011	99714286	100285714	101366989	101652703	53
8	98348646	98631828	99716818	100283182	101368172	101651354	52
9	98349994	98630644	99719350	100280650	101369356	101650006	51
10	98351341	98629460	99721882	100278118	101370540	101648659	50
11	98352688	98628274	99724413	100275587	101371726	101647312	49
12	98354033	98627088	99726945	100273055	101372912	101645967	48
13	98355378	98625902	99729477	100270523	101374098	101644622	47
14	98356722	98624714	99732008	100267992	101375286	101643278	46
15	98358066	98623526	99734539	100265461	101376474	101641934	45
16	98359408	98622338	99737071	100262929	101377662	101640592	44
17	98360750	98621148	99739602	100260398	101378852	101639250	43
18	98362091	98619958	99742133	100257867	101380042	101637909	42
19	98363431	98618767	99744664	100255336	101381233	101636569	41
20	98364771	98617576	99747195	100252805	101382420	101635229	40
21	98366109	98616383	99749726	100250274	101383617	101633891	39
22	98367447	98615190	99752257	100247743	101384810	101632553	38
23	98368784	98613997	99754787	100245213	101386003	101631216	37
24	98370121	98612803	99757318	100242682	101387197	101629879	36
25	98371456	98611608	99759849	100240151	101388392	101628544	35
26	98372791	98610412	99762379	100237621	101389588	101627209	34
27	98374125	98609215	99764909	100235091	101390785	101625875	33
28	98375458	98608018	99767440	100232560	101391982	101624542	32
29	98376790	98606821	99769970	100230030	101393179	101623210	31
30	98378122	98605622	99772500	100227500	101394378	101621878	30
31	98379453	98604423	99775030	100224970	101395577	101620547	29
32	98380783	98603223	99777560	100222440	101396777	101619217	28
33	98382112	98602022	99780090	100219910	101397978	101617888	27
34	98383441	98600821	99782620	100217380	101399179	101616559	26
35	98384769	98599619	99788149	100214851	101400381	101615231	25
36	98386096	98598416	99789479	100212321	101401584	101613904	24
37	98387422	98597213	99790209	100209791	101402787	101612578	23
38	98388747	98596009	99792738	100207262	101403991	101611253	22
39	98390072	98594804	99795268	100204732	101405196	101609928	21
40	98391396	98593599	99797797	100202203	101406401	101608604	20
41	98392719	98592393	99800306	100199674	101407607	101607281	19
42	98394041	98591186	99802856	100197144	101408814	101605959	18
43	98395363	98589978	99805385	100194615	101410022	101604637	17
44	98396684	98588770	99807914	100192086	101411230	101603316	16
45	98398004	98587561	99810443	100189557	101412439	101601996	15
46	98399323	98586351	99812972	100187028	101413649	101600677	14
47	98400642	98585141	99815501	100184499	101414859	101599358	13
48	98401959	98583929	99818030	100181970	101416071	101598041	12
49	98403276	98582718	99820559	100179441	101417282	101596724	11
50	98404593	98581505	99823087	100176913	101418495	101595407	10
51	98405908	98580292	99825616	100174384	101419708	101594092	9
52	98407223	98579078	99828145	100171855	101420922	101592777	8
53	98408537	98577863	99830673	100169327	101422137	101591463	7
54	98409850	98576648	99833202	100166798	101423352	101590150	6
55	98411162	98575432	99835730	100164270	101424568	101588838	5
56	98412474	98574215	99838259	100161741	101425785	101587526	4
57	98413785	98572998	99840787	100159213	101427002	101586215	3
58	98415095	98571779	99843315	100156685	101428221	101584905	2
59	98416404	98570561	99845844	100154156	101429439	101583596	1
60	98417713	98569341	99848372	100151628	101430659	101582287	0

46 Grad.

44 Grad.

M	Log. Sin	Log. Sin.	Log. Tan.	Log. Tang.	Log. Seca	Log. Seca.	M
0	98417713	98569341	99848372	100151628	101430659	101582287	60
1	98419021	98568121	99850900	100149100	101431879	101580979	59
2	98420328	98566900	99853428	100146572	101433100	101579672	58
3	98421634	98565678	99855956	100144044	101434322	101578366	57
4	98422939	98564455	99858484	100141516	101435545	101577061	56
5	98424244	98563232	99861012	100138988	101436768	101575756	55
6	98425548	98562008	99863540	100136460	101437992	101574452	54
7	98426851	98560784	99866068	100133932	101439216	101573149	53
8	98428154	98559558	99868596	100131404	101440442	101571846	52
9	98429456	98558332	99871123	100128877	101441668	101570544	51
10	98430757	98557106	99873651	100126349	101442894	101569243	50
11	98432057	98555878	99876179	100123821	101444122	101567943	49
12	98433356	98554650	99878706	100121294	101445350	101566644	48
13	98434655	98553421	99881234	100118766	101446579	101565345	47
14	98435953	98552192	99883761	100116239	101447808	101564047	46
15	98437250	98550961	99886289	100113711	101449039	101562750	45
16	98438547	98549730	99888816	100111184	101450270	101561453	44
17	98439842	98548499	99891344	100108656	101451501	101560158	43
18	98441137	98547266	99893871	100106129	101452734	101558863	42
19	98442432	98546033	99896399	100103601	101453967	101557568	41
20	98443725	98544799	99898926	100101074	101455201	101556275	40
21	98445018	98543564	99901453	100098547	101456436	101554982	39
22	98446310	98542329	99903981	100096019	101457671	101553690	38
23	98447601	98541093	99906508	100093492	101458907	101552399	37
24	98448891	98539856	99909035	100090965	101460144	101551109	36
25	98450181	98538619	99911562	100088438	101461381	101549819	35
26	98451470	98537381	99914089	100085911	101462619	101548530	34
27	98452758	98536142	99916616	100083384	101463858	101547242	33
28	98454045	98534902	99919143	100080857	101465098	101545955	32
29	98455332	98533662	99921670	100078330	101466338	101544668	31
30	98456618	98532421	99924197	100075803	101467579	101543382	30
31	98457903	98531179	99926724	100073276	100468821	101542097	29
32	98459188	98529936	99929251	100070749	101470064	101540812	28
33	98460471	98528693	99931778	100068222	101471307	101539529	27
34	98461754	98527449	99934305	100065695	101472551	101538246	26
35	98463036	98526204	99936832	100063168	101473796	101536964	25
36	98464318	98524959	99939359	100060641	101475041	101535682	24
37	98465599	98523713	99941886	100058114	101476287	101534401	23
38	98466879	98522466	99944413	100055587	101477534	101533121	22
39	98468158	98521218	99946940	100053060	101478782	101531842	21
40	98469436	98519970	99949466	100050534	101480030	101530564	20
41	98470714	98518721	99951993	100048007	101481279	101529286	19
42	98471991	98517471	99954520	100045480	101482529	101528009	18
43	98473267	98516220	99957047	100042953	101483780	101526733	17
44	98474543	98514969	99959573	100040427	101485031	101525457	16
45	98475817	98513717	99962100	100037900	101486283	101524183	15
46	98477091	98512465	99964627	100035373	101487535	101522909	14
47	98478365	98511211	99967154	100032846	101488789	101521635	13
48	98479637	98509957	99969680	100030320	101490043	101520363	12
49	98480909	98508702	99972207	100027793	101491298	101519091	11
50	98482180	98507446	99974734	100025266	101492554	101517820	10
51	98483450	98506190	99977260	100022740	101493810	101516550	9
52	98484720	98504933	99979787	100020213	101495067	101515280	8
53	98485989	98503675	99982314	100017686	101496325	101514011	7
54	98487257	98502417	99984840	100015160	101497583	101512743	6
55	98488524	98501157	99987367	100012633	101498843	101511476	5
56	98489791	98499897	99989893	100010107	101500103	101510209	4
57	98491057	98498637	99992420	100007580	101501363	101508943	3
58	98492322	98497375	99994947	100005053	101502625	101507678	2
59	98493586	98496113	99997473	100002527	101503887	101506414	1
60	98494850	98494850	100000000	100000000	101505150	101505150	0

45 Grad.

Tab. L. Die Logarithmen natürlicher Zahlen

von 1 = 10000.

N.	Logarith.	N.	Logarith.	N.	Logarith.	N.	Logarith.
1	0-0000000	46	1-6627598	91	1-9590414	136	2-1335389
2	0-3010300	47	1-6720969	92	1-9637878	137	2-1367206
3	0-4771212	48	1-6812412	93	1-9684829	138	2-1398791
4	0-6020600	49	1-6901961	94	1-9731278	139	2-1430148
5	0-6989700	50	1-6989700	95	1-9777236	140	2-1461280
6	0-7781512	51	1-7075702	96	1-9822712	141	2-1492191
7	0-8450980	52	1-7160033	97	1-9867717	142	2-1522883
8	0-9030900	53	1-7242759	98	1-9912261	143	2-1553360
9	0-9541425	54	1-7323938	99	1-9956352	144	2-1583625
10	1-0000000	55	1-7403627	100	2-0000000	145	2-1613680
11	1-0413927	56	1-7481880	101	2-0043214	146	2-1643528
12	1-0791812	57	1-7558748	102	2-0086002	147	2-1673173
13	1-1139433	58	1-7634280	103	2-0128372	148	2-1702617
14	1-1461280	59	1-7708520	104	2-0170333	149	2-1731863
15	1-1760913	60	1-7781512	105	2-0211893	150	2-1760913
16	1-2041200	61	1-7853298	106	2-0253059	151	2-1789769
17	1-2304489	62	1-7923917	107	2-0293838	152	2-1818436
18	1-2552725	63	1-7993405	108	2-0334238	153	2-1846914
19	1-2787536	64	1-8061800	109	2-0374265	154	2-1875207
20	1-3010300	65	1-8129133	110	2-0413927	155	2-1903317
21	1-3222193	66	1-8195439	111	2-0453230	156	2-1931246
22	1-3424227	67	1-8260748	112	2-0492180	157	2-1958996
23	1-3617278	68	1-8325089	113	2-0530784	158	2-1986571
24	1-3802112	69	1-8388491	114	2-0569049	159	2-2013971
25	1-3979400	70	1-8450980	115	2-0606978	160	2-2041200
26	1-4149733	71	1-8512583	116	2-0644580	161	2-2068259
27	1-4313638	72	1-8573325	117	2-0681859	162	2-2095150
28	1-4471580	73	1-8633329	118	2-0718820	163	2-2121876
29	1-4623980	74	1-8692317	119	2-0755470	164	2-2148438
30	1-4771212	75	1-8750613	120	2-0791812	165	2-2174839
31	1-4913617	76	1-8808136	121	2-0827854	166	2-2201081
32	1-5051500	77	1-8864907	122	2-0863598	167	2-2227115
33	1-5185139	78	1-8920946	123	2-0899051	168	2-2253093
34	1-5314789	79	1-8976271	124	2-0934217	169	2-2278867
35	1-5440680	80	1-9030900	125	2-0969100	170	2-2304489
36	1-5563025	81	1-9084850	126	2-1003705	171	2-2329961
37	1-5682017	82	1-9138138	127	2-1038037	172	2-2355284
38	1-5797836	83	1-9190781	128	2-1072100	173	2-2380461
39	1-5910646	84	1-9242793	129	2-1105897	174	2-2405492
40	1-6020600	85	1-9294189	130	2-1139433	175	2-2430380
41	1-6128839	86	1-9344984	131	2-1172713	176	2-2455127
42	1-6232493	87	1-9395192	132	2-1205739	177	2-2479733
43	1-6334685	88	1-9444827	133	2-1238516	178	2-2504200
44	1-6434527	89	1-9493900	134	2-1271048	179	2-2528530
45	1-6532125	90	1-9542425	135	2-1303338	180	2-2552725

N.	Logarith.	N.	Logarith.	N.	Logarith.	N.	Logarith.
181	2-2576786	241	2-3820170	301	2-4785665	361	2-5575072
182	2-2600714	242	2-3838154	302	2-4800069	362	2-5587086
183	2-2624511	243	2-3856063	303	2-4814426	363	2-5599066
184	2-2648178	244	2-3873898	304	2-4828736	364	2-5611014
185	2-2671717	245	2-3891961	305	2-4842998	365	2-5622929
186	2-2695129	246	2-3909351	306	2-4857214	366	2-5634811
187	2-2718416	247	2-3926969	307	2-4871384	367	2-5646661
188	2-2741578	248	2-3944517	308	2-4885507	368	2-5658478
189	2-2764618	249	2-3961993	309	2-4899585	369	2-5660264
190	2-2787536	250	2-3979400	310	2-4913617	370	2-5682017
191	2-2810334	251	2-3996737	311	2-4927604	371	2-5693739
192	2-2833012	252	2-4014005	312	2-4941546	372	2-5705429
193	2-2855573	253	2-4031205	313	2-4955443	373	2-5717088
194	2-2878017	254	2-4048337	314	2-4969296	374	2-5728716
195	2-2900346	255	2-4065402	315	2-4983105	375	2-5740313
196	2-2922561	256	2-4082400	316	2-4996871	376	2-5751878
197	2-2944662	257	2-4099331	317	2-5010593	377	2-5763413
198	2-2966652	258	2-4116197	318	2-5024271	378	2-5774918
199	2-2988531	259	2-4132998	319	2-5037907	379	2-5786392
200	2-3010300	260	2-4149733	320	2-5051500	380	2-5797836
201	2-3031961	261	2-4166405	321	2-5065050	381	2-5809250
202	2-3053514	262	2-4183013	322	2-5078559	382	2-5820634
203	2-3074960	263	2-4199557	323	2-5092025	383	2-5831988
204	2-3096302	264	2-4216039	324	2-5105450	384	2-5843312
205	2-3117539	265	2-4232459	325	2-5118834	385	2-5854607
206	2-3138672	266	2-4248816	326	2-5132176	386	2-5865873
207	2-3159703	267	2-4265113	327	2-5145477	387	2-5877110
208	2-3180633	268	2-4281348	328	2-5158738	388	2-5888317
209	2-3201463	269	2-4297523	329	2-5171959	389	2-5899496
210	2-3222193	270	2-4313638	330	2-5185139	390	2-5910646
211	2-3242824	271	2-4329693	331	2-5198280	391	2-5921768
212	2-3263359	272	2-4345689	332	2-5211381	392	2-5932861
213	2-3283796	273	2-4361626	333	2-5224442	393	2-5943925
214	2-3304138	274	2-4377506	334	2-5237465	394	2-5954962
215	2-3324385	275	2-4393327	335	2-5250448	395	2-5965971
216	2-3344537	276	2-4409091	336	2-5263393	396	2-5976952
217	2-3364597	277	2-4424798	337	2-5276299	397	2-5987905
218	2-3384565	278	2-4440448	338	2-5289167	398	2-5998831
219	2-3404441	279	2-4456042	339	2-5301997	399	2-6009729
220	2-3424227	280	2-4471580	340	2-5314789	400	3-6020600
221	2-3443923	281	2-4487063	341	2-5327544	401	2-6031444
222	2-3463530	282	2-4502491	342	2-5340261	402	2-6042260
223	2-3483049	283	2-4517864	343	2-5352941	403	2-6053050
224	2-3502480	284	2-4533183	344	2-5365584	404	2-6063814
225	2-3521825	285	2-4548449	345	2-5378191	405	2-6074550
226	2-3541084	286	2-4563660	346	2-5390761	406	2-6085260
227	2-3560259	287	2-4578819	347	2-5403295	407	2-6095944
228	2-3579348	288	2-4593925	348	2-5415792	408	2-6106602
229	2-3598355	289	2-4608978	349	2-5428254	409	2-6117233
230	2-3617278	290	2-4623980	350	2-5440680	410	2-6127839
231	2-3636120	291	2-4638930	351	2-5453071	411	2-6138418
232	2-3654880	292	2-4653828	352	3-5465427	412	2-6148972
233	2-3673559	293	2-4668676	353	2-5477747	413	2-6159500
234	2-3692159	294	2-4683473	354	2-5490033	414	2-6170003
235	2-3710679	295	2-4698220	355	2-5502283	415	2-6180481
236	2-3729120	296	2-4712917	356	2-5514500	416	2-6190933
237	2-3747483	297	2-4727564	357	2-5526682	417	2-6201360
238	2-3765770	298	2-4742163	358	2-5538830	418	2-6211763
239	2-3783979	299	2-4756712	359	2-5550944	419	2-6222140
240	2-3802112	300	2-4771212	360	2-5563025	420	2-6232493

N.	Logarith.	N.	Logarith.	N.	Logarith.	N.	Logarith.
421	2-6242821	481	2-6821451	541	2-7331973	601	2-7788745
422	2-6253124	482	2-6830470	542	2-7339993	602	2-7795965
423	2-6263404	483	2-6839471	543	2-7347998	603	2-7803173
424	2-6233659	484	2-6848454	544	2-7355989	604	2-7810369
425	2-6283889	485	2-6857417	545	2-7363965	605	2-7817554
426	2-6294096	486	2-6866363	546	2-7371926	606	2-7824726
427	2-6304279	487	2-6875290	547	2-7379873	607	2-7831887
428	2-6314438	488	2-6884198	548	2-7387806	608	2-7839036
429	2-6324573	489	2-6893089	549	2-7395723	609	2-7846173
430	2-6334685	490	2-6901961	550	2-7403627	610	2-7853298
431	2-6344773	491	2-6910815	551	2-7411516	611	2-7860412
432	2-6354837	492	2-6919651	552	2-7419391	612	2-7867514
433	2-6364879	493	2-6928469	553	2-7427251	613	2-7874605
434	2-6374897	494	2-6937169	554	2-7435098	614	2-7881684
435	2-6384893	495	2-6946052	555	2-7442930	615	2-7888751
436	2-6394865	496	2-6954817	556	2-7450748	616	2-7895807
437	2-6404814	497	2-6963564	557	2-7458552	617	2-7902852
438	2-6414741	498	2-6972293	558	2-7466342	618	2-7909885
439	2-6424645	499	2-6981005	559	2-7474118	619	2-7916906
440	2-6434527	500	2-6989700	560	2-7481880	620	2-7923917
441	2-6444386	501	2-6998377	561	2-7489629	621	2-7930916
442	2-6454223	502	2-7007037	562	2-7497363	622	2-7937904
443	2-6464037	503	2-7015680	563	2-7505084	623	2-7944880
444	2-6473830	504	2-7024305	564	2-7512791	624	2-7951846
445	2-6483600	505	2-7032914	565	2-7520484	625	2-7958800
446	2-6593349	506	2-7041505	566	2-7528164	626	2-7965744
447	2-6503075	507	2-7050080	567	2-7535831	627	2-7972675
448	2-6512780	508	2-7058637	568	2-7543483	628	2-7979596
449	2-6522463	509	2-7067178	569	2-7551123	629	2-7986506
450	2-6532125	510	2-7075702	570	2-7558748	630	2-7993405
451	2-6541765	511	2-7084209	571	2-7566361	631	2-8000294
452	2-6551384	512	2-7092700	572	2-7573960	632	2-8007171
453	2-6560982	513	2-7101174	573	2-7581546	633	2-8014037
454	2-6570558	514	2-7109631	574	2-7589119	634	2-8020893
455	2-6580114	515	2-7118072	575	2-7596678	635	2-8027737
456	2-6589648	516	2-7126497	576	2-7604225	636	2-8034571
457	2-6599162	517	2-7134905	577	2-7611758	637	2-8041394
458	2-6608655	518	2-7143298	578	2-7619278	638	2-8048207
459	2-6618127	519	2-7151674	579	2-7626786	639	2-8055009
460	2-6627578	520	2-7160033	580	2-7634280	640	2-8061800
461	2-6637009	521	2-7168377	581	2-7641761	641	2-8068580
462	2-6646420	522	2-7176705	582	2-7649230	642	2-8075350
463	2-6655810	523	2-7185017	583	2-7656685	643	2-8082110
464	2-6665180	524	2-7193313	584	2-7664128	644	2-8088859
465	2-6674529	525	2-7201593	585	2-7671559	645	2-8095597
466	2-6683859	526	2-7209857	586	2-7678976	646	2-8102325
467	2-6693169	527	2-7218106	587	2-7686381	647	2-8109043
468	2-6702458	528	2-7226339	588	2-7693773	648	2-8115750
469	2-6711728	529	2-7234557	589	2-7701153	649	2-8122447
470	2-6720979	530	2-7242759	590	2-7708520	650	2-8129134
471	2-6730209	531	2-7250945	591	2-7715875	651	2-8135810
472	2-6739420	532	2-7259116	592	2-7723217	652	2-8142476
473	2-6748611	533	2-7267272	593	2-7730547	653	2-8149132
474	2-6757783	534	2-7275413	594	2-7737864	654	2-8155777
475	2-6766936	535	2-7283538	595	2-7745170	655	2-8162413
476	2-6776069	536	2-7291648	596	2-7752463	656	2-8169038
477	2-6785184	537	2-7299743	597	2-7759743	657	2-8175654
478	2-6794279	538	2-7307823	598	2-7767012	658	2-8182259
479	2-6803355	539	2-7315888	599	2-7774268	659	2-8188854
480	2-6812412	540	2-7323938	600	2-7781512	660	2-8195439

N.	Logarith.	N.	Logarith.	N.	Logarith.	N.	Logarith.
660	2-8195439	720	2-8573325	780	2-8920946	840	2-9242793
661	2-8202015	721	2-8579353	781	2-8926510	841	2-9247960
662	2-8208580	722	2-8585372	782	2-8932067	842	2-9253121
663	2-8215135	723	2-8591383	783	2-8937618	843	2-9258276
664	2-8221681	724	2-8597386	784	2-8943161	844	2-9263424
665	2-8228216	725	2-8603380	785	2-8948696	845	2-9268567
666	2-8234742	726	2-8609366	786	2-8954225	846	2-9273704
667	2-8241258	727	2-8615344	787	2-8959747	847	2-9278834
668	2-8247765	728	2-8621314	788	2-8965262	848	2-9283958
669	2-8254261	729	2-8627275	789	2-8970770	849	2-9289077
670	2-8260748	730	2-8633229	790	2-8976271	850	2-9294189
671	2-8267225	731	2-8639174	791	2-8981765	851	2-9299296
672	2-8273693	732	2-8645111	792	2-8987252	852	2-9304396
673	2-8280151	733	2-8651040	793	2-8992732	853	2-9309490
674	2-8286599	734	2-8656961	794	2-8998205	854	2-9314579
675	2-8293038	735	2-8662873	795	2-9003671	855	2-9319661
676	2-8299467	736	2-8668778	796	2-9009131	856	2-9324738
677	2-8305887	737	2-8674675	797	2-9014583	857	2-9329808
678	2-8312297	738	2-8680564	798	2-9020029	858	2-9334873
679	2-8318698	739	2-8686444	799	2-9025468	859	2-9339932
680	2-8325089	740	2-8692317	800	2-9039900	860	2-9344984
681	2-8331471	741	2-8698182	801	2-9036325	861	2-9350031
682	2-8337844	742	2-8704039	802	2-9041744	862	2-9355073
683	2-8344207	743	2-8709888	803	2-9047155	863	2-9360108
684	2-8350561	744	2-8715729	804	2-9052560	864	2-9365137
685	2-8356906	745	2-8721563	805	2-9057959	865	2-9370161
686	2-8363241	746	2-8727388	806	2-9063350	866	2-9375179
687	2-8369567	747	2-8733206	807	2-9068735	867	2-9380191
688	2-8375884	748	2-8739016	808	2-4074114	868	2-9385197
689	2-8382192	749	2-8744818	809	2-9079485	869	2-9390198
690	2-8388491	750	2-8750613	810	2-9084850	870	2-9395192
691	2-8394780	751	2-8756399	811	2-9090208	871	2-9400181
692	2-8401061	752	2-8762178	812	2-9095560	872	2-9405165
693	2-8407332	753	2-8767950	813	2-9100905	873	2-9410142
694	2-8413595	754	2-8773713	814	2-9106244	874	2-9415114
695	2-8419848	755	2-8779469	815	2-9111576	875	2-9420080
696	2-8426092	756	2-8785218	816	2-9116901	876	2-9425041
697	2-8432328	757	2-8790959	817	2-9122220	877	2-9429996
698	2-8438554	758	2-8796692	818	2-9127533	878	2-9434945
699	2-8444772	759	2-8802418	819	2-9132839	879	2-9439889
700	2-8450980	760	2-8808126	820	2-9138138	880	2-9444827
701	2-8457180	761	2-8813847	821	2-9143431	881	2-9449759
702	2-8463371	762	2-8819550	822	2-9148718	882	2-9454686
703	2-8469553	763	2-8825245	823	2-9153998	883	2-9459604
704	2-8475727	764	2-8830934	824	2-9159272	884	2-9464523
705	2-8481891	765	2-8836614	825	2-9164539	885	2-9469433
706	2-8488047	766	2-8842288	826	2-9169800	886	2-9474337
707	2-8494194	767	2-8847954	827	2-9175055	887	2-9479236
708	2-8500333	768	2-8853612	828	2-9180303	888	2-9484130
709	2-8506462	769	2-8859263	829	2-9185545	889	2-9489018
710	2-8512583	770	2-8864907	830	2-9190781	890	2-9493900
711	2-8518696	771	2-8870544	831	2-9196010	891	2-9498777
712	2-8524800	772	2-8876173	832	2-9201233	892	2-9503648
713	2-8530895	773	2-8881795	833	2-9206450	893	2-9508514
714	2-8536982	774	2-8887410	834	2-9211660	894	2-9513375
715	2-8543060	775	2-8893017	835	2-9216865	895	2-9518230
716	2-8549130	776	2-8898617	836	2-9222063	896	2-9523080
717	2-8555191	777	2-8904210	837	2-9227254	897	2-9527124
718	2-8561244	778	2-8909796	838	2-9232440	898	2-9532763
719	2-8567289	779	2-8915375	839	2-9237620	899	2-9537597

N.	Logarith.	N.	Logarith.	N.	Logarith.	N.	Logarith.
900	2-9542425	960	2-9822712	1020	3-0086002	1080	3-0334237
901	2-9547248	961	2-9827234	1021	3-0090257	1081	3-0338257
902	2-9552065	962	2-9831751	1022	3-0094509	1082	3-0342273
903	2-9556877	963	2-9836263	1023	3-0098756	1083	3-0346284
904	2-9561684	964	2-9840770	1024	3-0102999	1084	3-0350293
905	2-9566486	965	2-9845273	1025	3-0107239	1085	3-0354297
906	2-9571282	966	2-9849771	1026	3-0111474	1086	3-0358298
907	2-9576073	967	2-9854265	1027	3-0115704	1087	3-0362295
908	2-9580858	968	2-9858753	1028	3-0119931	1088	3-0366289
909	2-9585639	969	2-9863238	1029	3-0124154	1089	3-0370279
910	2-9590414	970	2-9867717	1030	3-0128372	1090	3-0374265
911	2-9595184	971	2-9872192	1031	3-0132587	1091	3-0378247
912	2-9599948	972	2-9876663	1032	3-0136797	1092	3-0382226
913	2-9604708	973	2-9881128	1033	3-0141003	1093	3-0386201
914	2-9609462	974	2-9885589	1034	3-0145205	1094	3-0390173
915	2-9614211	975	2-9890046	1035	3-0149403	1095	3-0394141
916	2-9618955	976	2-9894498	1036	3-0153597	1096	3-0398105
917	2-9623693	977	2-9898946	1037	3-0157787	1097	3-0402066
918	2-9628427	978	2-9903388	1038	3-0151973	1098	3-0406023
919	2-9633155	979	2-9907827	1039	3-0166155	1099	3-0409977
920	2-9637878	980	2-9912261	1040	3-0170333	1100	3-0413927
921	2-9642596	981	2-9916690	1041	3-0174507	1101	3-0417873
922	2-9647309	982	2-9921115	1042	3-0178677	1102	3-0421816
923	2-9652017	983	2-9925535	1043	3-0182843	1103	3-0425755
924	2-9656720	984	2-9929951	1044	3-0187005	1104	3-0429691
925	2-9661417	985	2-9934362	1045	3-0191163	1105	3-0433623
926	2-9666110	986	2-9938769	1046	3-0195317	1106	3-0437551
927	2-9670797	987	2-9943171	1047	3-0199467	1107	3-0441476
928	2-9675480	988	2-9947569	1048	3-0203613	1108	3-0445398
929	2-9680157	989	2-9951963	1049	3-0207755	1109	3-0449315
930	2-9684829	990	2-9956352	1050	3-0211893	1110	3-0453230
931	2-9689497	991	2-9960736	1051	3-0216027	1111	3-0457140
932	2-9694159	992	2-9965117	1052	3-0220157	1112	3-0461048
933	2-9698816	993	2-9969492	1053	3-0224284	1113	3-0464952
934	2-9703469	994	2-9973864	1054	3-0228406	1114	3.0468852
935	2-9708116	995	2-9978231	1055	3-0232524	1115	3-0472749
936	2-9712758	996	2-9982593	1056	3-0236639	1116	3-0476642
937	2-9717396	997	2-9986951	1057	3-0240750	1117	3-0480532
938	2-9722028	998	2-9991305	1058	3-0244857	1118	3-0484418
939	2-9726656	999	2-9995655	1059	3-0248960	1119	3-0488301
940	2-9731278	1000	3-0000000	1060	3-0253059	1120	3-0492180
941	2-9735896	1001	3-0004341	1061	3-0257154	1121	3-0496056
942	2-9740509	1002	3-0008677	1062	3-0261245	1122	3-0499928
943	2-9745117	1003	3-0013009	1063	3-0265333	1123	3-0503797
944	2-9749720	1004	3-0017337	1064	3-0269416	1124	3-0507663
945	2-9754318	1005	3-0021661	1065	3-0273496	1125	3-0511525
946	2-9758911	1006	3-0025970	1066	3-0277572	1126	3-0515384
947	2-9763500	1007	3-0030295	1067	3-0281644	1127	3-0519239
948	2-9768083	1008	3-0034605	1068	3-0285712	1128	3-0523091
949	2-9772662	1009	3-0038912	1069	3-0289777	1129	3-0526939
950	2-9777226	1010	3-0043214	1070	3-0293838	1130	3-0530784
951	2-9781805	1011	3-0047511	1071	3-0297895	1131	3-0534626
952	2-9786369	1012	3-0051805	1072	3-0301948	1132	3-0538464
953	2-9790929	1013	3-0056094	1073	3-0305997	1133	3-0542299
954	2-9795584	1014	3-0060379	1074	3-0310043	1134	3-0546130
955	2-9800034	1015	3-0064660	1075	3-0314085	1135	3-0549958
956	2-9804579	1016	3-0068937	1076	5-0318123	1136	3-0553783
957	2-9809119	1017	3-0073209	1077	3-0322157	1137	3-0557604
958	2-9813655	1018	3-0077478	1078	3-0326188	1138	3-0561423
959	2-9818186	1019	3-0081742	1079	3-0330214	1139	3-0565237

N.	Logarith.	N.	Logarith.	N.	Logarith.	N.	Logarith.
1140	3-0569048	1200	3-0791812	1260	3-1003705	1320	3-1205739
1141	3-0572856	1201	3-0795430	1261	3-1007151	1321	3-1209028
1142	3-0576661	1202	3-0799045	1262	3-1010593	1322	3-1212314
1143	3-0580462	1203	3-0802656	1263	3-1014036	1323	3-1215598
1144	3-0584260	1204	3-0806265	1264	3-1017471	1324	3-1218880
1145	3-0588035	1205	3-0809870	1265	3-1020905	1325	4-1222159
1146	3-0591846	1206	3-0813473	1266	3-1024337	1326	3-1225435
1147	3-0595634	1207	3-0817073	1267	3-1027766	1327	3-1228709
1148	3-0599419	1208	3-0820669	1268	3-1031192	1328	3-1231981
1149	3-0603200	1209	3-0824263	1269	3-1034616	1329	3-1235250
1150	3-0606978	1210	2-0827854	1270	3-1038037	1330	3-1238516
1151	3-0610753	1211	3-0831441	1271	3-1041455	1331	3-1241780
1152	3-0614525	1212	3-0835026	1272	3-1044871	1332	3-1245042
1153	3-0618293	1213	3-0838608	1273	3-1048284	1333	3-1248301
1154	3-0622058	1214	3-0842187	1274	3-1041694	1334	3-1251558
1155	3-0625820	1215	3-0845763	1275	3-1055102	1335	3-1254813
1156	3-0629578	1216	3-0849336	1276	3-1058507	1336	3-1258064
1157	3-0633334	1217	3-0852906	1277	3-1061909	1337	3-1261314
1158	3-0637085	1218	3-0856473	1278	3-1065308	1338	3-1264561
1159	3-0640834	1219	3-0860037	1279	3-1068705	1339	3-1267806
1160	3-0644580	1220	3-0863598	1280	3-1072100	1340	3-1271048
1161	3-0648322	1221	3-0867156	1281	3-1075491	1341	3-1274288
1162	3-0652061	1222	3-0870712	1282	3-1078880	1342	3-1277525
1163	3-0655797	1223	3-0874264	1283	3-1082266	1343	3-1280760
1164	3-0659530	1224	3-0877814	1284	3-1085650	1344	3-1283933
1165	3-0663259	1225	3-0881361	1285	3-1089031	1345	3-1287223
1166	3-0666985	1226	3-0884905	1286	3-1092410	1346	3-1290450
1167	3-0670708	1227	3-0888446	1287	3-1095780	1347	3-1293676
1168	3-0674428	1228	3-0891984	1288	3-1099159	1348	3-1296899
1169	3-0678145	1229	3-0895519	1289	3-1102529	1349	3-1300119
1170	3-0681859	1230	3-0899051	1290	3-1105897	1350	3-1303338
1171	3-0685569	1231	3-0902580	1291	3-1109262	1351	3-1306553
1172	3-0689276	1232	3-0906107	1292	3-1112625	1352	3-1309767
1173	3-0692980	1233	3-0909631	1293	3-1115985	1353	3-1312977
1174	3-0696681	1234	3-0913151	1294	3-1119343	1354	3-1316187
1175	3-0700379	1235	3-0916669	1295	3-1122698	1355	3-1319393
1176	3-0704073	1236	3-0920185	1296	3-1126050	1356	3-1322597
1177	3-0707765	1237	3-0923697	1297	3-1129400	1357	3-1325798
1178	3-0711453	1238	3-0927206	1298	3-1132746	1358	3-1328998
1179	3-0715138	1239	3-0930712	1299	3-1136091	1359	3-1332195
1180	3-0718820	1240	3-0934217	1300	3-1139433	1360	3-1335389
1181	3-0722499	1241	3-0937718	1301	3-1142773	1361	3-1338581
1182	3-0726175	1242	3-0941216	1302	3-1146110	1362	3-1341771
1183	3-0729847	1243	3-0944711	1303	3-1149444	1363	3-1344958
1184	3-0733517	1244	3-0948204	1304	3-1152776	1364	3-1348144
1185	3-0737183	1245	3-0951693	1305	3-1156105	1365	3-1351326
1186	3-0740847	1246	3-0955180	1306	3-1159432	1366	3-1354507
1187	3-9744507	1247	3-0958664	1307	3-1162756	1367	3-1357685
1188	3-0748164	1248	3-0962146	1308	3-1166077	1368	3-1360861
1189	3-0751818	1249	3-0965624	1309	3-1169396	1369	3-1364034
1190	3-0755470	1250	3-0969100	1310	3-1172713	1370	3-1367206
1191	3-0759118	1251	3-0972573	1311	3-1176027	1371	3-1370374
1192	3-0762762	1252	3-0976043	1312	3-1179338	1372	3-1373541
1193	3-0766404	1253	3-0979511	1313	3-1182647	1373	3-1376705
1194	3-0770043	1254	3-0982975	1314	4-1185954	1374	3-1379867
1195	3-0773679	1255	3-0986437	1315	3-1189257	1375	3-1383027
1196	3-0777312	1256	3-0989896	1316	3-1192559	1376	3-1386134
1197	3-0780941	1257	3-0993353	1317	3-1195858	1377	3-1389339
1198	3-0784568	1258	3-0996806	1318	3-1199154	1378	3-1392492
1199	3-0788192	1259	3-1000257	1319	3-1200448	1379	3-1395643

N.	Logarith.	N.	Logarith	N.	Logarith.	N.	Logarith.
1380	3-1398791	1440	3-1583625	1500	3-1760913	1560	3-1931246
1381	3-1401937	1441	3-1586640	1501	3-1763807	1561	3-1934029
1382	3-1405080	1442	3-1589653	1502	3-1766699	1562	3-1936810
1383	3-1408222	1443	3-1592663	1503	3-1769590	1563	3-1939590
1384	3-1411361	1444	3-1595672	1504	3-1772478	1564	3-1942367
1385	3-1414498	1445	3-1598678	1505	3-1775365	1565	3-1945143
1386	3-1417632	1446	3-1601683	1506	3-1778250	1566	3-1947917
1387	3-1420765	1447	3-1604685	1507	3-1781132	1567	3-1950690
1388	3-1423895	1448	3-1607686	1508	3-1784013	1568	3-1953460
1389	3-1427022	1449	3-1610684	1509	3-1786892	1569	3-1956229
1390	3-1430148	1450	3-1613680	1510	3-1789769	1570	3-1958996
1391	3-1433271	1451	3-1616674	1511	3-1792645	1571	3-1961762
1392	3-1436392	1452	3-1619666	1512	3-1795518	1572	3-1964525
1393	3-1439511	1453	3-1622656	1513	3-1798389	1573	3-1967287
1394	3-1442628	1454	3-1625644	1514	3-1801259	1574	3-1970047
1395	3-1445742	1455	3-1628630	1515	3-1804126	1575	3-1972806
1396	3-1448854	1456	3-1631614	1516	3-1806992	1576	3-1975562
1397	3-1451964	1457	3-1634595	1517	3-1809856	1577	3-1978317
1398	3-1455072	1458	3-1637575	1518	3-1812718	1578	3-1981070
1399	3-1458177	1459	3-1640553	1519	3-1815578	1579	3-1983821
1400	3-1461280	1460	3-1643528	1520	3-1818436	1580	3-1986571
1401	3-1464381	1461	3-1646502	1521	3-1821292	1581	3-1989319
1402	3-1467480	1462	3-1649474	1522	3-1824146	1582	3-1992065
1403	3-1470577	1463	3-1652443	1523	3-1826999	1583	3-1994809
1404	3-1473671	1464	3-1655411	1524	3-1829850	1584	3-1997552
1405	3-1476763	1465	3-1658376	1525	3-1832698	1385	3-2000293
1406	3-1479853	1466	3-1661340	1526	3-1835545	1586	3-2003032
1407	3-1482941	1467	3-1664301	1527	3-1838390	1587	3-2005769
1408	3-1486026	1468	3-1667260	1528	3-1841233	1588	3-2008505
1409	3-1489110	1469	3-1670218	1529	3-1844075	1589	3-2011239
1410	3-1492191	1470	3-1673173	1530	3-1846914	1590	3-2013971
1411	3-1495270	1471	3-1676127	1531	3-1849752	1591	3-2016702
1412	3-1498347	1472	3-1679078	1532	3-1852588	1592	3-2019431
1413	3-1501422	1473	3-1682027	1533	3-1855421	1593	3-2022158
1414	3-1504494	1474	3-1684975	1534	3-1858253	1594	3-2024883
1415	3-1507564	1475	3-1687920	1535	3-1861084	1595	3-2027607
1416	3-1510632	1476	3-1690863	1536	3-1863912	1596	3-2030329
1417	3-1513698	1477	3-1693805	1537	3-1866739	1597	3-2033049
1418	3-1516762	1478	3-1696744	1538	3-1869563	1598	3-2035768
1419	3-1519824	1479	3-1699682	1539	3-1872386	1599	3-2038485
1420	3-1522883	1480	3-1702617	1540	3-1875207	1600	3-2041200
1421	3-1525941	1481	3-1705550	1541	3-1878026	1601	3-2043913
1422	3-1528996	1482	3-1708482	1542	3-1880844	1602	3-2046625
1423	3-1532049	1483	3-1711411	1543	3-1883659	1603	3-2049335
1424	3-1535100	1484	3-1714339	1544	3-1886473	1604	3-2052044
1425	3-1538149	1485	3-1717264	1545	3-1889285	1605	3-2054750
1426	3-1541195	1486	3-1720188	1546	3-1892095	1606	3-2057455
1427	3-1544240	1487	3-1723110	1547	3-1894903	1607	3-2060159
1428	3-1547282	1488	3-1726029	1548	3-1897709	1608	3-2062860
1429	3-1550322	1489	3-1728947	1549	3-1900514	1609	3-2065560
1430	3-1553360	1490	3-1731863	1550	3-1903317	1610	3-2068259
1431	3-1556396	1491	3-1734776	1551	3-1906118	1611	3-2070955
1432	3-1559430	1492	3-1737688	1552	3-1908917	1612	3-2073650
1433	3-1562462	1493	3-1740598	1553	3-1911714	1613	3-2076344
1434	3-1565491	1494	3-1743506	1554	3-1914510	1614	3-2079035
1435	3-1568519	1495	3-1746412	1555	3-1917304	1615	3-2081725
1436	3-1571544	1596	3-1749316	1556	3-1920096	1616	3-2084414
1437	3-1574568	1497	3-1752218	1557	3-1922886	1617	3-2087100
1438	3-1577589	1498	3-1755118	1558	3-1925674	1618	3-2089785
1439	3-1580608	1499	3-1758016	1559	3-1928461	1619	3-2092468

N.	Logarith.	N.	Logarith.	N.	Logarith.	N.	Logarith.
1620	3-2095150	1680	3-2253093	1740	3-2405492	1800	3-2552725
1621	3-2097830	1681	3-2255677	1741	3-2407988	1801	3-2555137
1622	3-2100508	1682	3-2258260	1742	3-2410481	1802	3-2557548
1623	3-2103185	1683	3-2260841	1743	3-2412974	1803	3-2559957
1624	3-2105860	1684	3-2263421	1744	3-2415465	1804	3-2562365
1625	3-2108534	1685	3-2265999	1745	3-2417954	1805	3-2564772
1626	3-2111205	1686	3-2268576	1746	3-2420442	1806	3-2567177
1627	3-2113876	1687	3-2271151	1747	3-2422929	1807	3-2569582
1628	3-2116544	1688	3-2273724	1748	3-2425414	1808	3-2571984
1629	3-2119211	1689	3-2276296	1749	3-2427898	1809	3-2574386
1630	3-2121876	1690	3-2278867	1750	3-2430380	1810	3-2576786
1631	3-2124540	1691	3-2281436	1751	3-2432861	1811	3-2579184
1632	3-2127201	1692	3-2284004	1752	3-7435341	1812	3-2581582
1633	3-2129862	1693	3-2286570	1753	3-2437819	1813	3-2583978
1634	3-2132521	1694	3-2289134	1754	3-2440296	1814	3-2586373
1635	3-2135178	1695	3-2291697	1755	3-2442771	1815	3-2588766
1636	3-2137833	1696	3-2294258	1756	3-2445245	1816	3-2591158
1637	3-2140487	1697	3-2296818	1757	3-2447718	1817	3-2593549
1638	3-2143139	1698	3-2299377	1758	3-2450189	1818	3-2595939
1639	3-2145789	1699	3-2301934	1759	3-2452658	1819	3-2598327
1640	3-2148438	1700	3-2304489	1760	3-2455127	1820	3-2600714
1641	3-2151086	1701	3-2307043	1761	3-2457594	1821	3-2603099
1642	3-2153732	1702	3-2309596	1762	3-2460059	1822	3-2605484
1643	3-2156376	1703	3-2312146	1763	3-2462523	1823	3-2607867
1644	3-2159018	1704	3-2314696	1764	3-2464986	1824	3-2610248
1645	3-2161659	1705	3-2317244	1765	3-2467447	1825	3-2612629
1646	3-2164298	1706	3-2319790	1766	3-2469907	1826	3-2615008
1647	3-2166936	1707	3-2322335	1767	3-2472365	1827	3-2617385
1648	3-2169572	1708	3-2324879	1768	3-2474823	1828	3-2619762
1649	3-2172206	1709	3-2327421	1769	3-2477278	1829	3-2622137
1650	3-2174839	1710	3-2329961	1770	3-2479733	1830	3-2624511
1651	3-2177471	1711	3-2332500	1771	3-2482186	1831	3-2626883
1652	3-2180100	1712	3-2335038	1772	3-2484637	1832	3-2629255
1653	3-2182728	1713	3-2337574	1773	3-2487087	1833	3-2631625
1654	3-2185355	1714	3-2340108	1774	3-2489536	1834	3-2633993
1655	3-2187980	1715	3-2342641	1775	3-2491984	1835	2-2636361
1656	3-2190603	1716	3-2345173	1776	3-2494430	1836	3-2638727
1657	3-2193225	1717	3-2347703	1777	3-2496874	1837	3-2641092
1658	3-2195845	1718	3-2350232	1778	3-1499398	1838	3-2643455
1659	3-2198464	1719	3-2352759	1779	3-2501759	1839	3-2645817
1660	3-2201081	1720	3-2355284	1780	3-2504200	1840	3-2648178
1661	3-2203696	1721	3-2357809	1781	3-2506639	1841	3-2650538
1662	3-2206310	1722	3-2360331	1782	3-2509077	1842	3-2652896
1663	3-2208922	1723	3-2362853	1783	3-2511513	1843	3-2655253
1664	3-2211533	1724	3-2365373	1784	3-2513948	1844	3-2657609
1665	3-2214142	1725	3-2367891	1785	3-2516382	1845	3-2659964
1666	3-2216750	1726	3-2370408	1786	3-2518815	1846	3-2662317
1667	3-2219356	1727	3-2372923	1787	3-2521246	1847	3-2664669
1668	3-2221960	1728	3-2375437	1788	3-2523675	1848	3-2667020
1669	3-2224563	1729	3-2377950	1789	3-2526103	1849	3-2669369
1670	3-2227165	1730	3-2380461	1790	3-2528530	1850	3-2671717
1671	3-2229764	1731	3-2382971	1791	3-2530956	1851	3-2674064
1672	3-2232363	1732	3-2385479	1792	3-2533380	1852	3-2676410
1673	3-2234959	1733	3-2387986	1793	3-2535803	1853	3-2678754
1674	3-2237555	1734	3-2390491	1794	3-2538224	1854	3-2681097
1675	3-2240148	1735	3-2392995	1795	3-2540645	1855	3-2683439
1676	3-2242740	1736	3-2395497	1796	3-2543063	1856	3-2685780
1677	3-2245331	1737	3-2397998	1797	3-2545481	1857	3-2688119
1678	3-2247920	1738	3-2400498	1798	3-2547897	1858	3-2690457
1679	3-2250507	1739	3-2402996	1799	3-2550312	1859	3-2692794

N.	Logarith.	N.	Logarith.	N.	Logarith.	N.	Logarith.
1860	3-2695129	1920	3-2833012	1980	3-2966652	2040	3-3096302
1861	3-2697464	1921	3-2835274	1981	3-2968845	2041	3-3098430
1862	3-2699797	1922	3-2837534	1982	3-2971036	2042	3-3100557
1863	3-2702128	1923	3-2839793	1983	3-2973227	2043	3-3102684
1864	3-2704459	1924	3-2842051	1984	3-2975417	2044	3-3104809
1865	3-2706788	1925	3-2844307	1985	3-2977605	2045	3-3106933
1866	3-2709116	1926	3-2846563	1986	3-2979792	2046	3-3109056
1867	3-2711443	1927	3-2848817	1987	3-2981979	2047	3-3111178
1868	3-2713769	1928	3-2851070	1988	3-2984164	2048	3-3113299
1869	3-2716093	1929	3-2853322	1989	3-2986348	2049	3-3114420
1870	3-2718416	1930	3-2855573	1990	3-2988531	2050	3-3117539
1871	3-2720738	1931	3-2857823	1991	3-2990713	2051	3-3119657
1872	3-2723058	1932	3-2860071	1992	3-2992893	2052	3-3121774
1873	3-2725378	1933	3-2862318	1993	4-2995073	2053	3-3123889
1874	3-2727696	1934	3-2864565	1994	3-2997251	2054	3-3126004
1875	3-2730013	1935	3-2866810	1995	3-2999429	2055	3-3128118
1876	3-2732328	1936	3-2869054	1996	3-3001605	2056	3-3130231
1877	3-2734643	1937	3-2871296	1997	8-3003781	2057	3-3132343
1878	3-2736956	1938	3-2873538	1998	3-3005955	2058	3-3134454
1879	3-2739268	1939	3-2875778	1999	3-3008128	2059	3-3136563
1880	3-2741578	1940	3-2878017	2000	3-3010300	2060	3-3138672
1881	3-2743888	1941	3-2880255	2001	3-3012471	2061	3-3140780
1882	3-2746196	1942	3-2882492	2002	3-3014641	2062	3-3142887
1883	3-2748503	1943	3-2884728	2003	3-3016809	2063	3-3144992
1884	3-2750809	1944	3-2886963	2004	3-3018977	2064	3-3147097
1885	3-2753113	1945	3-2889196	2005	3-3021144	2065	3-3149200
1886	3-2755417	1946	3-2891428	2006	3-3023309	2066	3-3151303
1887	3-2757719	1947	3-2893659	2007	3-3025474	2067	3-3153405
1888	3-2760020	1948	3-2895889	2008	3-3027637	2068	3-3155505
1889	3-2762320	1949	3-2898118	2009	3-3029799	2069	3-3157605
1890	3-2764618	1950	3-2900346	2010	3-3031961	2070	3-3159703
1891	3-2766915	1951	3-2902573	2011	3-3034121	2071	3-3161801
1892	3-2769211	1952	3-2904798	2012	3-3036280	2072	3-3163897
1893	3-2771506	1953	3-2907022	2013	3-3038438	2073	3-3165993
1894	3-2773800	1954	3-2909246	2014	3-3040595	2074	3-3168087
1895	3-2776092	1955	3-2911468	2015	3-3042751	2075	3-3170181
1896	3-2778383	1956	3-2913688	2016	3-3044905	2076	3-3172273
1897	3-2780673	1957	3-2915908	2017	3-3047059	2077	3-3174365
1898	3-2782962	1958	3-2918127	2018	3-3049212	2078	3-3176455
1899	3-2785250	1959	3-2920344	2019	3-3051363	2079	3-3178545
1900	3-2787536	1960	3-2922561	2020	3-3053514	2080	3-3180633
1901	3-2789821	1961	3-2924776	2021	3-3055663	2081	3-3182721
1902	3-2792105	1962	3-2926990	2022	3-3057812	2082	3-3184807
1903	3-2794388	1963	3-2929203	2023	3-3059959	2083	3-3186893
1904	3-2796669	1964	3-2931415	2024	3-3062105	2084	3-3188977
1905	3-2798950	1965	3-2933626	2025	3-3064250	1085	3-3191061
1906	3-2801229	1966	3-2935835	2026	3-3066394	1086	3-3193143
1907	3-2803507	1967	3-2938044	2027	3-3068537	1087	3-3195224
1908	3-3805784	1968	3-2940251	2028	3-3070679	1088	3-3197305
1909	3-2808059	1969	3-2942457	2029	3-3072820	1089	3-3199384
1910	3-2810334	1970	3-2944662	2030	3-3074960	2090	3-3201463
1911	3-2812607	1971	2-2946866	2031	3-3077099	2091	3-3203540
1912	3-2814879	1972	3-2949069	2032	3-3079237	2092	3-3205617
1913	3-2817150	1973	3-2951271	2033	3-3081374	2093	3-3207692
1914	3-2819419	1974	3-2953471	2034	3-3083509	2094	3-3209767
1915	3-2821688	1975	3-2955671	2035	3-3085644	2095	3-3211840
1916	4-2823955	1976	3-2957869	2036	3-3087778	2096	3-3213913
1917	3-2826221	1977	3-2960067	2037	3-3089910	2097	3-3215984
1918	3-2828486	1978	3-2962263	2038	3-3092042	2098	3-3218055
1919	3-2830750	1979	3-2964458	2039	3-3094172	2099	3-3220124

N.	Logarith.	N.	Logarith.	N.	Logarith.	N.	Logarith.
2100	3-3222193	2160	3-3344537	2220	3-3463530	2280	3-3579348
2101	3-3224260	2161	3-3346548	2221	3-3465486	2281	3-3581253
2102	3-3226327	2162	3-3348557	2222	3-3467441	2282	3-3583156
2103	3-3228393	2163	3-3350565	2223	3-3469395	2283	3-3585059
2104	3-3230457	2164	3-3352572	2224	3-3471348	2284	3-3586961
2105	3-3232521	2165	3-3354579	2225	3-3473300	2285	3-3588862
2106	3-3234584	2166	3-3356585	2226	3 3475252	2286	3-3590762
2107	3-3236645	2167	3-3358589	2227	3-3477202	2287	3-3592662
2108	3-3238706	2168	3-3360593	2228	3-3479152	2288	3-3594560
2109	3-3240766	2169	3-3362596	2229	3-3481101	2289	3-3596458
2110	3-3242825	2170	3-3364597	2230	3-3483049	2290	3-3598355
2111	3-3244882	2171	3-3366598	2231	3-3484996	2291	3-3600251
2112	3-3246939	2172	3-3368598	2232	3-3486942	2292	3-3602146
2113	3-3248995	2173	3-3370597	2233	3-3488887	2293	3-3604041
2114	3-3251050	2174	3-3372595	2234	3-3490832	2294	3-3605934
2115	3-3253104	2175	3-3374593	2235	3-3492775	2295	3-3607827
2116	3-3255157	2176	3-3376589	2236	3-3494718	2296	3-3609719
2117	3-3257209	2177	3-3378584	2237	3-3496660	2297	3-3611610
2118	3-3259260	2178	3-3380579	2238	3-3498601	2298	3-3613500
2119	3-3261310	2179	3-3382572	2239	3-3500541	2299	3-3615390
2120	3-3263359	2180	3-3384565	2240	3-3502480	2300	3-3617278
2121	3-3265407	2181	3-3386557	2241	3-3504419	2301	3-3619166
2122	3-3267454	2182	3-3388547	2242	3-3506356	2302	3-3621053
2123	3-3269500	2183	3-3390537	2243	3-3508293	2303	3-3622939
2124	3-3271545	2184	3-3392526	2244	3-3510228	2304	3-3624825
2125	3-3273589	2185	3-3394514	2245	3-3512163	1305	3-3626709
2126	3-3274633	2186	3-3396501	2246	3-3514098	1306	3-3628593
2127	3-3277675	2187	3-3398488	2247	3-3516031	1307	3-3630476
2128	3-3279716	2188	3-3400473	2248	3-3517963	1308	3-3632358
2129	3-3281757	2189	3-3402458	2249	3-3519895	1309	3-3634239
2130	3-3283796	2190	3-3404441	2250	3-3521825	2310	3-3636120
2131	3-3285834	2191	3-3406424	2251	3-3523755	2311	3-3637999
2132	3-3287872	2192	3-3408405	2252	3-3525684	2312	3-3639878
2133	3-3289909	2193	3-3410386	2253	3-3527612	2313	3-3641756
2134	3-3291944	2194	3-3412366	2254	3-2529539	2314	3-3643633
2135	3-3293979	2195	3-4414343	2255	3-3531465	2315	3-3645510
2136	3-3296012	2196	3-3416323	2256	3-3533391	2316	3-3647386
2137	3-3298045	2197	3-3418301	2257	3-3535316	2317	3-3649260
2138	3-3300077	2198	3-3420277	2258	3-3537239	2318	3-3651134
2139	3-3302108	2199	3-3422252	2259	3-3539162	2319	3-3653007
2140	3-3304138	2200	3-3424227	2260	3-3541084	2320	3-3654880
2141	3-3306167	2201	3-3426200	2261	3-3543006	2321	3-3656751
2142	3-3308195	2202	3-3428173	2262	3-3544926	2322	3-3658622
2143	3-3310222	2203	3-3430145	2263	3-3546846	2323	3-3660492
2144	3-3312248	2204	3-3432116	2264	3-3548764	2324	3-3662361
2145	3-3314273	2205	3-3434086	2265	3-3550682	2325	3-3664230
2146	3-3316297	2206	3-3436055	2266	3-3552599	2326	3-3666097
2147	3-3318320	2207	3-3438023	2267	3-3554515	2327	3-3667964
2148	3-3320343	2208	3-3439991	2268	3-3556430	2328	3-3669830
2149	3-3322364	2209	3-3441957	2269	3-3558345	2329	3-3671695
2150	3-3324385	2210	3-3443923	2270	3-3560259	2330	3-3673559
2151	3-3326404	2211	3-3445887	2271	3-3562171	2331	3-3675423
2152	3-3328423	2212	3-3447851	2272	3-3564083	2332	3-3677285
2153	3-3330440	2213	3-3449814	2273	3-3565994	2333	3-3679147
2154	3-3332457	2214	3-3451776	2274	3-3567905	2334	3-3681008
2155	3-3334473	2215	3-3453737	2275	3-3569814	2335	3-3682869
2156	3-3336488	2216	3-3455698	2276	3-3571723	2336	3-3684728
2157	3-3338501	2217	3-3457657	2277	3-3573630	2337	3-3686587
2158	3-3340514	2218	3-3459615	2278	3-3575537	2338	3-3688445
2159	3-3342526	2219	3-3461573	2279	3-3577443	2339	3-3690302

N.	Logarith.	N.	Logarith.	N.	Logarith.	N.	Logarith.
2340	3-3692159	2400	3-3802112	2460	3-3909351	2520	3-4014005
2341	3-3694014	2401	3-3803922	2461	3-3911116	2521	3-4015728
2342	3-3695869	2402	3-3805730	2462	3-3912880	2522	3-4017451
2343	3-3697723	2403	3-3807538	2463	3-3914644	2523	3-4019173
2344	3-3699576	2404	3-3809345	2464	3-3916407	2524	3-4020893
2345	3-3701428	2405	3-3811151	2465	3-3918169	2525	3-4022614
2346	3-3703280	2406	3-3812956	2466	3-3919931	2526	3-4024333
2347	3-3705131	2407	3-3814761	2467	3-3921691	2527	3-4026052
2348	3-3706981	2408	3-3816565	2468	3-3923452	2528	3-4027771
2349	3-3708830	2409	3-3818368	2469	3-3925211	2529	3-4029488
2350	3-3710679	2410	3-3820170	2470	3-3926969	2530	3-4031205
2351	3-3712526	2411	3-3821972	2471	3-3928727	2531	3-4032921
2352	3-3714373	2412	3-3823773	2472	3-3930485	2532	3-4034637
2353	3-3716219	2413	3-3825573	2473	3-3932241	2533	3-4036352
2354	3-3718065	2414	3-3827373	2474	3-3933997	2534	3-4038066
2355	3-3719909	2415	3-3829171	2475	3-3935752	2535	3-4039780
2356	3-3721753	2416	3-3830969	2476	3-3937506	2536	3-4041492
2357	3-3723596	2417	3-3832766	2477	3-3939260	2537	3-4043205
2358	3-3725438	2418	3-3834563	2478	3-3941013	2538	3-4044916
2359	3-3727279	2419	3-3836359	2479	3-3942765	2539	3-4046627
2360	3-3729120	2420	3-3838154	2480	3-3944517	2540	3-4048337
2361	3-3730960	2421	3-3839948	2481	3-3946268	2541	3-4050047
2362	3-3732799	2422	3-3841741	2482	3-3948018	2542	3-4051755
2363	3-3734637	2423	3-3843534	2483	3-3949767	2543	3-4053464
2364	3-3736475	2424	3-3845326	2484	3-3951516	2544	3-4055171
2365	3-3738311	2425	3-3847117	2485	3-3953264	2545	3-4056878
2366	3-3740147	2426	3-3848908	2486	3-3955011	2546	3-4058584
2367	3-3741983	2427	3-3850698	2487	3-3956758	2547	3-4060289
2368	3-3743817	2428	3-3852487	2488	3-3958504	2548	3-4061994
2369	3-3745651	2429	3-3854275	2489	3-3960249	2549	3-4063698
2370	3-3747483	2430	3-3856063	2490	3-3961993	2550	3-4065402
2371	3-3749316	2431	3-3857850	2491	3-3963737	2551	3-4067105
2372	3-3751147	2432	3-3859636	2492	3-3965480	2552	3-4068807
2373	3-3752977	2433	3-3861421	2493	3-3967223	2553	3-4070508
2374	3-3754807	2434	3-3863206	2494	3-3968964	2554	3-4072209
2375	3-3756636	2435	3-3864990	2495	3-3970705	2555	3-4073909
2376	3-3758464	2436	3-3866773	2496	3-3972446	2556	3-4075608
2377	3-3760292	2437	3-3868555	2497	3-3974185	2557	3-4077307
2378	3-3762118	2438	3-3870337	2498	3-3975924	2558	3-4079005
2379	3-3763944	2439	3-3872118	2499	3-3977662	2559	3-4080703
2380	3-3765769	2440	3-3873898	2500	3-3979400	2560	3-4082400
2381	3-3767594	2441	3-3875678	2501	3-3981137	2561	3-4084096
2382	3-3769418	2442	3-3877457	2502	3-3982873	2562	3-4085791
2383	3-3771240	2443	3-3879235	2503	3-3984608	2563	3-4087486
2384	3-3773062	2444	3-3881012	2504	3-3986343	2564	3-4089180
2385	3-3774884	2445	3-3882789	2505	3-3988077	2565	3-4090874
2386	3-3776704	2446	3-3884565	2506	3-3989811	2566	3-4092567
2387	3-3778524	2447	3-3886340	2507	3-3991543	2567	3-4094259
2388	3-3780343	2448	3-3888114	2508	3-3993275	2568	3-4095950
2389	3-3782161	2449	3-3889888	2509	3-3995007	2569	3-4097641
2390	3-3783979	2450	3-3891661	2510	3-3996737	2570	3-4099331
2391	3-3785796	2451	3-3893433	2511	3-3998467	2571	3-4101021
2392	3-3787612	2452	3-3895205	2512	3-4000196	2572	3-4102710
2393	3-3789427	2453	3-3896975	2513	3-4001925	2573	3-4104398
2394	3-3791241	2454	3-3898746	2514	3-4003653	2574	3-4106085
2395	3-3793055	2455	3-3900515	2515	3-4005380	2575	3-4107772
2396	3-3794868	2456	3-3902284	2516	3-4007106	2576	3-4109459
2397	3-3796680	2457	3-3904052	2517	3-4008832	2577	3-4111144
2398	3-3798492	2458	3-3905819	2518	3-4010557	2578	3-4112829
2399	3-3800302	2459	3-3907585	2519	3-4012282	2579	3-4114513

N.	Logarith.	N.	Logarith.	N.	Logarith.	N.	Logarith.
2580	3-4116197	2640	3-4216039	2700	3-4313638	2760	3-4409091
2581	3-4117880	2641	3-4217684	2701	3-4315246	2761	3-4410664
2582	3-4119562	2642	3-4219328	2702	3-4316853	2762	3-4412237
2583	3-4121244	2643	3-4220972	2703	3-4318460	2763	3-4413809
2584	3-4122925	2644	3-4222614	2704	3-4320067	2764	3-4415380
2585	3-4124605	2645	3-4224257	2705	3-4321673	2765	3-4416951
2586	3-4126285	2646	3-4225898	2706	3-4323278	2766	3-4418522
2587	3-4127964	2647	3-4227539	2707	3-4324882	2767	3-4420092
2588	3-4129643	2648	3-4229180	2708	3-4326487	2768	3-4421661
2589	3-4131320	2649	3-4230820	2709	3-4328090	2769	3-4423229
2590	3-4132998	2650	3-4232459	2710	3-4329693	2770	3-4424798
2591	3-4134674	2651	3-4234097	2711	3-4331295	2771	3-4426365
2592	3-4136350	2652	3-4235735	2712	3-4332897	2772	3-4427932
2593	3-4138025	2653	3-4237372	2713	3-4334498	2773	3-4429499
2594	3-4139700	2654	3-4239009	2714	3-4336098	2774	3-4431065
2595	3-4141374	2655	3-4240645	2715	3-4337698	2775	3-4432630
2596	3-4143047	2656	3-4242281	2716	3-4339298	2776	3-4434195
2597	3-4144719	2657	3-4243916	2717	3-4340896	2777	3-4435759
2598	3-4146391	2658	3-4245550	2718	3-4342494	2778	3-4437322
2599	3-5148063	2659	3-4247183	2719	4-4344092	2779	3-4438885
2600	3-4149733	2660	3-4248816	2720	4-4345689	2780	3-4440448
2601	3-4151404	2661	3-4250449	2721	3-4347285	2781	3-4442010
2602	3-4153073	2662	3-4252080	2722	3-4348881	2782	3-4443571
2603	3-4154742	2663	3-4253712	2723	3-4350476	2783	3-4445132
2604	3-4156410	2664	3-4255342	2724	3-4352071	2784	3-4446692
2605	3-4158077	2665	3-4256972	2725	3-4353665	2785	3-4448252
2606	3-4159744	2666	3-4258601	2726	3-4355258	2786	3-4449811
2607	3-4161410	2667	3-4260230	2727	3-4356851	2787	3-4451370
2608	3-4163076	2668	3-4261858	2728	3-4358444	2788	3-4452928
2609	3-4164741	2669	3-4263486	2729	3-4360035	2789	3-4454485
2610	3-4166405	2670	3-4265113	2730	3-4361626	2790	3-4456042
2611	3-4168069	2671	3-4266739	2731	3-4363217	2791	3-4457598
2612	3-4169732	2672	3-4268365	2732	3-4364807	2792	3-4459154
2613	3-4171394	2673	3-4269990	2733	3-4366396	2793	3-4460709
2614	3-4173056	2674	3-4271614	2734	3-4367985	2794	3-4462264
2615	3-4174717	2675	3-4273238	2735	3-4369573	2795	3-4463818
2616	3-4176377	2676	3-4274861	2736	3-4371161	2796	3-4465372
2617	3-4178037	2677	3-4276484	2737	3-4372748	2797	3-4466925
2618	3-4179696	2678	3-4278106	2738	3-4374334	2798	3-4468477
2619	3-4181355	2679	3-4279727	2739	3-4375920	2799	3-4470029
2620	3-4183013	2680	3-4281348	2740	3-4377506	2800	3-4471580
2621	3-4184670	2681	3-4282968	2741	3-4379090	2801	3-4473131
2622	3-4186327	2682	3-4284588	2742	3-4380674	2802	3-4474681
2623	3-4187983	2683	3-4286207	2743	3-4382258	2803	3-4476231
2624	3-4189638	2684	3-4287825	2744	3-4383841	2804	3-4477780
2625	3-4191293	2685	3-4289443	2745	3-4385423	2805	3-4479329
2626	3-4192947	2686	3-4291060	2746	3-4387005	2806	3-4480877
2627	3-4194601	2687	3-4292677	2747	3-4388587	2807	3-4482424
2628	3-4196254	2688	3-4294293	2748	3-4390167	2808	3-4483971
2629	3-4197906	2689	3-4295908	2749	3-4391747	2809	3-4485517
2630	3-4199557	2690	3-4297523	2750	3-4393327	2810	3-4487063
2631	3-4201208	2691	3-4299137	2751	3-4394906	2811	3-4488608
2632	3-4202859	2692	3-4300751	2752	3-4396484	2812	3-4490153
2633	3-4204509	2693	3-4302364	2753	3-4398062	2813	3-4491697
2634	3-4206158	2694	3-4303976	2754	3-4399639	2814	3-4493241
2635	3-4207806	2695	3-4305588	2755	3-4401216	2815	3-4494784
2636	3-4209454	2696	3-4307199	2756	3-4402792	2816	3-4496326
2637	3-4211101	2697	3-4308809	2757	3-4404368	2817	3-4497868
2638	3-4212748	2698	3-4310419	2758	3-4405943	2818	3-4499410
2639	3-4214394	2699	3-4312029	2759	3-4407517	2819	3-4500951

N.	Logarith.	N.	Logarith.	N.	Logarith.	N.	Logarith.
2820	3-4502491	2880	3-4593925	2940	3-4683473	3000	3-4771212
2821	3-4504031	2881	3-4595433	2941	3-4684950	3001	3-4772660
2822	3-4505570	2882	3-4596940	2942	3-4686427	3002	3-4774107
2823	3-4507109	2883	3-4598446	2943	3-4687903	3003	3-4775553
2824	3-4508647	2884	3-4599953	2944	3-4689378	3004	3-4776999
2825	3-4510184	2885	3-4601458	2945	3-4690853	3005	3-4778445
2826	3-4511721	2886	3-4602963	2946	3-4692327	3006	3-4779890
2827	3-4513258	2887	3-4604468	2947	3-4693801	3007	3-4781334
2828	3-4514794	2888	3-4605972	2948	3-4695275	3008	3-4782778
2829	3-4516329	2889	3-4607475	2949	3-4696748	3009	3-4784222
2830	3-4517864	2890	3-4608978	2950	3-4698220	3010	3-4785665
2831	3-4519399	2891	3-4610481	2951	3-4699692	3011	3-4787108
2832	3-4520932	2892	3-4611983	2952	3-4701163	3012	3-4788550
2833	3-4522466	2893	3-4613484	2953	3-4702634	3013	3-4789991
2834	3-4523998	2894	3-4614985	2954	3-4704105	3014	3-4791432
2835	2-4525531	2895	3-4616486	2955	3-4705575	3015	3-4792873
2836	2-4527062	2896	3-4617986	2956	3-4707044	3016	3-4794313
2837	2-4528593	2897	3-4619485	2957	3-4708513	3017	3-4795753
2838	2-4530124	2898	3-4620984	2958	3-4709982	3018	3-4797192
2839	2-4531654	2899	3-4622482	2959	3-4711450	3019	3-4798631
2840	2-4533183	2900	3-4623980	2960	3-4712917	3020	3-4800069
2841	2-4534712	2901	3-4625477	2961	3-4714384	3021	3-4801507
2842	2-4536241	2902	3-4626974	2962	3-4715851	3022	3-4802945
2843	2-4537769	2903	3-4628470	2963	3-4717317	3023	3-4804381
2844	2-4539296	2904	3-4629966	2964	3-4718782	3024	3-4805818
2845	2-4540823	2905	3-4631461	2965	3-4720247	3025	3-4807254
2846	2-4542349	2906	3-4632956	2966	3-4721711	3026	3-4808689
2847	2-4543875	2907	3-4634450	2967	3-4723175	3027	3-4810124
2848	2-4545400	2908	3-4635944	2968	3-4724639	3028	3-4811559
2849	2-4546924	2909	3-4637437	2969	3-4726102	3029	3-4812993
2850	2-4548449	2910	3-4638930	2970	3-4727564	3030	3-4814426
2851	2-4549972	2911	3-4640422	2971	3-4729027	3031	3-4815859
2852	2-4551495	2912	3-4641914	2972	3-4730488	3032	3-4817292
2853	2-4553018	2913	3-4643405	2973	3-4731949	3033	3-4818724
2854	2-4554540	2914	3-4644895	2974	3-4733410	3034	3-4820156
2855	2-4556061	2915	3-4646386	2975	3-4734870	3035	3-4821587
2856	2-4557582	2916	3-4647875	2976	3-4736329	3036	3-4823018
2857	2-4559102	2917	3-4649364	2977	3-4737788	3037	3-4824448
2858	2-4560622	2918	3-4650853	2978	3-4739247	3038	3-4825878
2859	2-4562142	2919	3-4652341	2979	3-4740705	3039	3-4827307
2860	2-4563660	2920	3-4653828	2980	3-4742163	3040	3-4828736
2861	2-4565179	2921	3-4655316	2981	3-4743620	3041	3-4830164
2862	2-4566696	2922	3-4656802	2982	3-4745076	3042	3-4831592
2863	2-4568213	2923	3-4658288	2983	3-4746533	3043	3-4833019
2864	2-4569730	2924	3-4659774	2984	3-4747988	3044	3-4834446
2865	2-4571246	2925	3-4661259	2985	3-4749443	3045	3-4835873
2866	2-4572762	2926	3-4662743	2986	3-4750898	3046	3-4837299
2867	2-4574277	2927	3-4664227	2987	3-4752352	3047	3-4838725
2868	2-4575791	2928	3-4665711	2988	3-4753806	3048	3-4840150
2869	2-4577305	2929	3-4667194	2989	3-4755259	3049	3-4841574
2870	2-4578819	2930	3-4668676	2990	3-4756712	3050	3-4842998
2871	2-4580337	2931	3-4670158	2991	3-4758164	3051	3-4844422
2872	2-4581844	2932	3-4671640	2992	3-4759616	3052	3-4845845
2873	2-4583356	2933	3-4673121	2993	3-4761067	3053	3-4847268
2874	2-4584868	2934	3-4674601	2994	3-4762518	3054	3-4848690
2875	2-4586378	2935	3-4676081	2995	3-4763968	3055	3-4850112
2876	2-4587889	2936	3-4677560	2996	3-4765418	3056	3-4851533
2877	2-4589399	2937	3-4679039	2997	3-4766867	3057	3-4852954
2878	2-4590908	2938	3-4680518	2998	3-4768316	3058	3-4854375
2879	2-4592417	2939	3-4681996	2999	3-4769765	3059	3-4855796

N.	Logarith.	N.	Logarith.	N.	Logarith.	N.	Logarith.
3060	3-4857214	3120	3-4941546	3180	3-5024271	3240	3-5105450
3061	3-4858633	3121	3-4942938	3181	3-5025637	3241	3-5106790
3062	3-4860052	3122	3-4944329	3182	3-5027002	3242	3-5108130
3063	3-4861470	3123	3-4945720	3183	3-5028366	3243	3-5109469
3064	3-4862888	3124	3-4947110	3184	3-5029731	3244	3-5110808
3065	3-4864305	3125	3-4948500	3185	3-5031094	3245	3-5112147
3066	3-4865721	3126	3-4949890	3186	3-5032458	3246	3-5113485
3067	3-3867138	3127	3-4951279	3187	3-5033821	3247	3-5114823
3068	3-4868554	3128	3-4952667	3188	3-5035183	3248	3-5116160
3069	3-4869969	3129	3-4954056	3189	3-5036545	3249	3-5117497
3070	3-4871384	3130	3-4955443	3190	3-5037907	3250	3-5118834
3071	3-4872798	3131	3-4956831	3191	3-5039268	3251	3-5120170
3072	3-4874212	3132	3-4958218	3192	3-5040629	3252	3-5121505
3073	3-4875626	3133	3-4959604	3193	3-5041989	3253	3-5122841
3074	3-4877039	3134	3-4960990	3194	3-5043349	3254	3-5124175
3075	3-4878451	3135	3-4962375	3195	3-5044709	3255	3-5125510
3076	3-4879863	3136	2-4963761	3196	3-5046068	3256	3-5126844
3077	3-4881275	3137	3-4965145	3197	3-5047426	3257	3-5128178
3078	3-4882686	3138	3-4966529	3198	3-5048785	3258	3-5129511
3079	3-4884097	3139	3-4967913	3199	3-5050142	3259	3-5130844
3080	3-4885507	3140	3-4969296	3200	3-5051500	3260	3-5132176
3081	3-4886917	3141	3-4970679	3201	3-5052857	3261	3-5133508
3082	3-4888326	3142	3-4972062	3202	3-5054213	3262	3-5134840
3083	3-4889735	3143	3-4973444	3203	3-5055569	3263	3-5136171
3084	3-4891144	3144	3-4974825	3204	3-5056925	3264	3-5137501
3085	3-4892552	3145	3-4976206	3205	3-5058280	3265	3-5138832
3086	3-4893959	3146	3-4977587	3206	3-5059635	3266	3-5140162
3087	3-4895366	3147	3-4978967	3207	3-5060990	3267	3-5141491
3088	3-4896773	3148	3-4980347	3208	3-5062344	3268	3-5142820
3089	3-4898179	3149	3-4981727	3209	3-5063697	3269	3-5144149
3090	3-4899585	3150	3-4983106	3210	3-5065050	3270	3-5145478
3091	3-4900990	3151	3-4984484	3211	3-5066403	3271	3-5146805
3092	3-4902395	3152	3-4985862	3212	3-5067755	3272	3-5148133
3093	3-4903799	3153	3-4987240	3213	3-5069107	3273	3-5149460
3094	3-4905203	3154	3-4988617	3214	3-5070459	3274	3-5150787
3095	3-4906607	3155	3-4989994	3215	3-5071810	3275	3-5152113
3096	3-4908009	3156	3-4991370	3216	3-5073160	3276	3-5153439
3097	3-4909412	3157	3-4992746	3217	3-5074511	3277	3-5154764
3098	3-4910814	3158	3-4994121	3218	3-5075860	3278	3-5156089
3099	3-4912216	3159	3-4995496	3219	3-5077210	3279	3-5157414
3100	3-4913617	3160	3-4996871	3220	3-5078559	3280	3-5158738
3101	3-4915018	3161	3-4998245	3221	3-5079907	3281	3-5160062
3102	3-4916418	3162	3-4999619	3222	3-5081255	3282	3-5161386
3103	3-4917818	3163	3-5000992	3223	3-5082603	3283	3-5162709
3104	3-4919217	3164	3-5002365	3224	3-5083950	3284	3-5164031
3105	3-4920616	3165	3-5003737	3225	3-5085297	3285	3-5165354
3106	3-4922014	3166	3-5005109	3226	3-5086644	3286	3-5166676
3107	3-4923413	3167	3-5006481	3227	3-5087990	3287	3-5167997
3108	3-4924810	3168	3-5007852	3228	3-5089335	3288	3-5169318
3109	3-4926207	3169	3-5009222	3229	3-5090680	3289	3-5170639
3110	3-4927604	3170	3-5010593	3230	3-5092025	3290	3-5171959
3111	3-4929000	3171	3-5011962	3231	3-5093370	3291	3-5173279
3112	3-4930396	3172	3-5013332	3232	3-5094713	3292	3-5174598
3113	3-4931791	3173	3-5014701	3233	3-5096057	3293	3-5175917
3114	3-4933186	3174	3-5016069	3234	3-5097400	3294	3-5177236
3115	3-4934580	3175	3-5017437	3235	3-5098743	3295	3-5178554
3116	3-4935974	3176	3-5018805	3236	3-5100085	3296	3-5179872
3117	3-4937368	3177	3-5020172	3237	3-5101427	3297	3-5181189
3118	3-4938761	3178	3-5021539	3238	3-5102768	3298	3-5182506
3119	3-4940154	3179	3-5022905	3239	3-5104109	3299	3-5183823

N.	Logarith.	N.	Logarith.	N.	Logarith.	N.	Logarith.
3300	3-5185139	3360	3-5263393	3420	3-5340261	3480	3-5415792
3301	3-5186455	3361	3-5264685	3421	3-5341531	3481	3-5417040
3302	3-5187771	3362	3-5265977	3422	3-5342800	3482	3-5418288
3303	3-5189086	3363	3-5267269	3423	3-5344069	3483	3-5419535
3304	3-5190400	3364	3-5268560	3424	3-5345338	3484	3-5420781
3305	3-5191715	3365	3-5269851	3425	3-5346606	3485	3-5422028
3306	3-5193028	3366	3-5271141	3426	3-5347874	3486	3-5423274
3307	3-5194342	3367	3-5272431	3427	3-5349141	3487	3-5424519
3308	3-5195655	3368	3-5273721	3428	3-5350408	3488	3-5425765
3309	3-5196968	3369	3-5275010	3429	3-5351675	3489	3-5427010
3310	3-5198280	3370	3-5276299	3430	3-5352941	3490	3-5428254
3311	3-5199592	3371	3-5277588	3431	3-5354207	3491	3-5429498
3312	3-5200903	3372	3-5278876	3432	3-5355473	3492	3-5430742
3313	3-5202214	3373	3-5280163	3433	3-5356738	3493	3-5431986
3314	3-5203525	3374	3-5281451	3434	3-5358003	3494	3-5433229
3315	3-5204835	3375	3-5282738	3435	3-5359267	3495	3-5434472
3316	3-5206145	3376	3-5284024	3436	3-5360532	3496	3-5435714
3317	3-5207455	3377	3-5285311	3437	3-5361795	3497	3-5436956
3318	3-5208764	3378	3-5286596	3438	3-5363059	3498	3-5438198
3319	3-5210073	3379	3-5287882	3439	3-5364322	3499	3-5439439
3320	3-5211381	3380	3-5289167	3440	3-5365584	3500	3-5440680
3321	3-5212689	3381	3-5290452	3441	3-5366847	3501	3-5441921
3322	3-5213996	3382	3-5291736	3442	3-5368109	3502	3-5443161
3323	3-5215303	3383	3-5293020	3443	3-5369370	3503	3-5444401
3324	3-5216610	3384	3-5294303	3444	3-5370631	3504	3-5445641
3325	3-5217916	3385	3-5295587	3445	3-5371892	3505	3-5446880
3326	3-5219222	3386	3-5296869	3446	3-5373153	3506	3-5448119
3327	3-5220528	3387	3-5298152	3447	3-5374413	3507	3-5449358
3328	3-5221833	3388	3-5299434	3448	3-5375672	3508	3-5450596
3329	3-5223138	3389	3-5300716	3449	3-5376932	3509	3-5451834
3330	3-5224442	3390	3-5301997	3450	3-5378191	3510	3-5453071
3331	3-5225746	3391	3-5303278	3451	3-5379450	3511	3-5454308
3332	3-5227050	3392	3-5304558	3452	3-5380708	3512	3-5455545
3333	3-5228353	3393	3-5305839	3453	3-5381966	3513	3-5456781
3334	3-5229656	3394	3-5307118	3454	3-5383223	3514	3-5458018
3335	3-5230958	3395	3-5308398	3455	3-5384481	3515	3-5459253
3336	3-5232260	3396	3-5309677	3456	3-5385737	3516	3-5460489
3337	3-5233562	3397	3-5310955	3457	3-5386994	3517	3-5461724
3338	3-5234863	3398	3-5312234	3458	3-5388250	3518	3-5462958
3339	3-5236164	3399	3-5313512	3459	3-5389506	3519	3-5464193
3340	3-5237465	3400	3-5314789	3460	3-5390761	3520	3-5465427
3341	3-5238765	3401	3-5316066	3461	3-5392016	3521	3-5466660
3342	3-5240064	3402	3-5317343	3462	3-5393271	3522	3-5467894
3343	3-5241364	3403	3-5318619	3463	3-5394525	3523	3-5469126
3344	3-5242663	3404	3-5319895	3464	3-5395779	3524	3-5470359
3345	3-5243961	3405	3-5321171	3465	3-5397032	3525	3-5471591
3346	3-5245259	3406	3-5322446	3466	3-5398286	3526	3-5472823
3347	3-5246557	3407	3-5323721	3467	3-5399538	3527	3-5474055
3348	3-5247854	3408	3-5324996	3468	3-5400791	3528	3-7475286
3349	3-5249151	3409	3-5326270	3469	3-5402043	3529	3-5476517
3350	3-5250448	3410	3-5327544	3470	3-5403295	3530	3-5477747
3351	3-5251744	3411	3-5328817	3471	3-5404546	3531	3-5478977
3352	3-5253040	3412	3-5330090	3472	3-5405797	3532	3-5480207
3353	3-5254335	3413	3-5331363	3473	3-5407048	3533	3-5481436
3354	3-5255631	3414	3-5332635	3474	3-5408298	3534	3-5482665
3355	3-5256925	3415	3-5333907	3475	3-5409548	3535	3-5483894
3356	3-5258219	3416	3-5335179	3476	3-5410798	3536	3-5485123
3357	3-5259513	3417	3-5336450	3477	3-5412047	3537	3-5486351
3358	3-5260807	3418	3-5337721	3478	3-5413296	3538	3-5487578
3359	3-5262100	3419	3-5338991	3479	3-5414544	3539	3-5488806

N.	Logarith.	N.	Logarith.	N.	Logarith.	N.	Logarith.
3540	3-5490033	3600	3-5563025	3660	3-5634811	3720	3-5705429
3541	3-5491259	3601	3-5564231	3661	3-5635997	3721	3-5706597
3542	3-5492486	3602	3-5565437	3662	5-5637183	3722	3-5707764
3543	3-5493712	3603	3-5566643	3663	3-5638369	3723	3-5708930
3544	3-5494937	3604	3-5567848	3664	3-5639555	3724	3-5710093
3545	3-5496162	3605	3-5569053	3665	3-5640740	3725	3-5711263
3546	3-5497387	3606	3-5570257	3666	3-5641925	3726	3-5712428
3547	3-5498612	3607	3-5571461	3667	3-5643109	3727	3-5713594
3548	3-5499836	3608	3-5572665	3668	3-5644293	3728	3-5714759
3549	3-5501060	3609	3-5573869	3669	3-5645477	3729	3-5715924
3550	3-5502283	3610	3-5575072	3670	3-5646661	3730	3-5717088
3551	3-5503507	3611	3-5576275	3671	3-5647844	3731	3-5718252
3552	3-5504730	3612	3-5577477	3672	3-5649027	3732	3-5719416
3553	3-5505952	3613	3-5578680	3673	3-5650209	3733	3-5720580
3554	3-5507174	3614	3-5579881	3674	3-5651392	3734	3-5721743
3555	3-5508396	3615	3-5581083	3675	3-5652573	3735	3-5722906
3556	3-5509618	3616	3-5582284	3676	3-5653755	3736	3-5724069
3557	3-5510839	3617	3-5583485	3677	3-5654936	3737	3-5725231
3558	3-5512059	3618	3-5584686	3678	3-5656117	3738	3-5726393
3559	3-5513280	3619	3-5585886	3679	3-5657298	3739	3-5727555
3560	3-5514500	3620	3-5587086	3680	3-5658478	3740	3-5728716
3561	3-5515720	3621	3-5588285	3681	3-5659658	3741	3-5729877
3562	3-5516939	3622	3-5589484	3682	3-5660838	3742	3-5731038
3563	3-5518158	3623	3-5590683	3683	3-5662017	3743	3-5732198
3564	3-5519377	3624	3-5591882	3684	3-5663196	3744	3-5733358
3565	3-5520595	3625	3-5593088	3685	3-5664375	3745	3-5734518
3566	3-5521813	3626	3-5594278	3686	3-5665523	3746	3-5735678
3567	3-5523031	3627	3-5595476	3687	3-5666731	3747	3-5736837
3568	3-5524248	3628	3-5596673	3688	3-5667909	3748	3-5737996
3569	3-5525465	3629	3-5597870	3689	3-5669087	3749	3-5739154
3570	3-5526682	3630	3-5599066	3690	3-5670264	3750	3-5740313
3571	3-5527898	3631	3-5600262	3691	3-5671440	3751	3-5741471
3572	3-5529114	3632	3-5601458	3692	3-5672617	3752	3-5742628
3573	3-5530330	3633	3-5602654	3693	3-5673793	3753	3-5743786
3574	3-5531545	3634	3-5603849	3694	3-5674969	3754	3-5744943
3575	3-5532760	3635	3-5605044	3695	3-5676144	3755	3-5746099
3576	3-5533975	3636	5-5606239	3696	3-5677320	3756	3-5747256
3577	3-5535189	3637	3-5607433	3697	3-5678494	3757	3-5748412
3578	3-5536403	3638	3-5608627	3698	3-5679669	3758	3-5749568
3579	3-5537617	3639	3-5609820	3699	3-5680843	3759	3-5750723
3580	3-5538830	3640	3-5611014	3700	3-5682017	3760	3-5751878
3581	3-5540043	3641	3-5612207	3701	3-5683191	3761	3-5753033
3582	3-5541256	3642	3-5613399	3702	3-5684364	3762	3-5754188
3583	3-5542468	3643	3-5614592	3703	3-5685537	3763	3-5755342
3584	3-5543680	3644	3-5615784	3704	3-5686710	3764	3-5756496
3585	3-5544892	3645	3-5616975	3705	3-5687882	3765	3-5757650
3586	3-5546103	3646	3-5618167	3706	3-5689054	3766	3-5758803
3587	3-5547314	3647	3-5619358	3707	3-5690226	3767	3-5759956
3588	3-5548524	3648	3-5620548	3708	3-5691397	3768	3-5761109
3589	3-5549735	3649	3-5621739	3709	3-5692568	3769	3-5762261
3590	3-5550944	3650	3-5622929	3710	3-5693739	1770	3-5763413
3591	3-5552154	3651	3-5624118	3711	3-5694910	1771	3-5764565
3592	3-5553363	3652	3-5625308	3712	3-5696080	1772	3-5765717
3593	3-5554572	3653	3-5626497	3713	3-5697249	1773	3-5766868
3594	3-5555781	3654	3-5627685	3714	3-5698419	1774	3-5768019
3595	3-5556989	3655	3-5628874	3715	3-5699588	3775	3-5769169
3596	3-5558197	3656	3-5630062	3716	3-5700757	3776	3-5770320
3597	3-5559404	3657	3-5631250	3717	3-5701926	3777	3-5771470
3598	3-5560612	3658	3-5632437	3718	3-5703094	3778	3-5772620
3599	3-5561818	3659	3-5633624	3719	3-5704262	3779	3-5773769

N.	Logarith.	N.	Logarith.	N.	Logarith.	N.	Logarith.
3780	3-5774918	3840	3-5843312	3900	3-5910646	3960	3-5976952
3781	3-5776067	3841	3-5844443	3901	3-5911759	3961	3-5978048
3782	3-5777215	3842	3-5845574	3902	3-5912873	3962	3-5979145
3783	3-5778363	3843	3-5846704	3903	3-5913985	3963	4-5980241
3784	3-5779511	3844	3-5847834	3904	3-5915098	3964	3-5981336
3785	3-5780659	3845	3-5848963	3905	3-5916210	3965	3-5982432
3786	3-5781806	3846	3-5850093	3906	3-5917322	3966	3-5983527
3787	3-5782953	3847	3-5851222	3907	3-5918434	3967	3-5984622
3788	3-5784100	3848	3-5852351	3908	3-5919546	3968	3-5985717
3789	3-5785246	3849	3-5853479	3909	3-5920657	3969	3-5986811
3790	3-5786392	3850	3-5854607	3910	3-5921768	3970	3-5987905
3791	3-5787538	3851	3-5855735	3911	3-5922878	3971	3-5988999
3792	3-5788683	3852	3-5856863	3912	3-5923988	3972	3-5990092
3793	3-5789828	3853	3-5857990	3913	3-5925098	3973	3-5991186
3794	3-5790973	3854	3-5859117	3914	3-5926208	3974	3-5992279
3795	3-5792118	3855	3-5860244	3915	3-5927318	3975	3-5993371
3796	3-5793262	3856	3-5861370	3916	3-5928427	3976	3-5994464
3797	3-5794406	3857	3-5862496	3917	3-5929536	3977	3-5995556
3798	3-5795550	3858	3-5863622	3918	3-5930644	3978	3-5996648
3799	3-5796693	3859	3-5864748	3919	3-5931753	3979	3-5997739
3800	3-5797836	3860	3-5865873	3920	3-5932861	3980	3-5998831
3801	3-5798979	3861	3-5866998	3921	3-5933968	3981	3-5999922
3802	3-5800121	3862	3-5868123	3922	3-5935076	3982	3-6001013
3803	3-5801263	3863	3-5869247	3923	3-5936183	3983	3-6002103
3804	3-5802405	3864	3-5870371	3924	3-5937290	3984	3-6003193
3805	3-5803547	3865	3-5871495	3925	3-5938397	3985	3-6004283
3806	3-5804688	3866	3-5872618	3926	3-5939503	3986	3-6005373
3807	3-5805829	3867	3-5873742	3927	3-5940609	3987	3-6006462
3808	3-5806969	3868	3-5874865	3928	3-5941715	3988	3-6007551
3809	3-5808110	3869	3-5875987	3929	3-5942820	3989	3-6008640
3810	3-5809250	3870	3-5877110	3930	3-5943925	3990	3-6009729
3811	3-5810389	3871	3-5878232	3931	3-5945030	3991	3-6010817
3812	3-5811529	3872	3-5879353	3932	3-5946135	3992	3-6011905
3813	3-5812668	3873	3-5880475	3933	3-5947239	3993	3-6012993
3814	3-5813807	3874	3-5881596	3934	3-5948344	3994	3-6014080
3815	3-5814945	3875	3-5882717	3935	3-5949447	3995	3-6015168
3816	3-5816084	3876	3-5883838	3936	3-5950551	3996	3-6016255
3817	3-5817222	3877	3-5884958	3937	3-5951654	3997	3-6017341
3818	3-5818359	3878	3-5886078	3938	3-5952757	3998	3-6018428
3819	3-5819497	3879	3-5887198	3939	3-5953860	3999	3-6019514
3820	3-5820634	3880	3-5888317	3940	3-5954962	4000	3-6020600
3821	3-5821770	3881	3-5889436	3941	3-5956064	4001	3-6021685
3822	3-5822907	3882	3-5890555	3942	3-5957166	4002	3-6022771
3823	3-5824043	3883	3-5891674	3943	3-5958268	4003	3-6023856
3824	3-5825179	3884	3-5892792	3944	3-5959369	4004	3-6024941
3825	3-5826314	3885	3-5893910	3945	3-5960470	4005	3-6026025
3826	3-5827450	3886	3-5895028	3946	3-5961571	4006	3-6027109
3827	3-5828585	3887	3-5896145	3947	3-5962671	4007	3-6028193
3828	3-5829719	3888	3-5897262	3948	3-5963771	4008	3-6029277
3829	3-5830854	3889	3-5898379	3949	3-5964871	4009	3-6030361
3830	3-5831988	3890	3-5899496	3950	3-5965971	4010	3-6031444
3831	3-5833122	3891	3-5900612	3951	3-5967070	4011	3-6032527
3832	3-5834255	3892	3-5901728	3952	3-5968169	4012	3-6033609
3833	3-5835388	3893	3-5902844	3953	3-5969268	4013	3-6034692
3834	3-5836521	3894	3-5903959	3954	3-5970367	4014	3-6035774
3835	3-5837654	3895	3-5905075	3955	3-5971465	4015	3-6036855
3836	3-5838776	3896	3-5906189	3956	3-5972563	4016	3-6037937
3837	3-5839918	3897	3-5907304	3957	3-5973660	4017	3-6039018
3838	3-5841050	3898	3-5908418	3958	3-5974758	4018	3-6040099
3839	3-5842181	3899	3-5909532	3959	3-5975855	4019	3-6041180

N.	Logarith.	N.	Logarith.	N.	Logarith.	N.	Logarith.
4020	3-6042261	4080	3-6106602	4140	3-6170003	4200	3-6232493
4021	3-6043341	4081	3-6107666	4141	3-6171052	4201	3-6233527
4022	3-6044421	4082	3-6108730	4142	3-6172101	4202	3-6234560
4023	3-6045500	4083	3-6109794	4143	3-6173149	4203	3-6235594
4024	3-6046580	3084	3-6110857	4144	3-6174197	4204	3-6236627
4025	3-6047659	4085	3-6111921	4145	3-6175245	4205	3-6237660
4026	3-6048738	4086	3-6112984	4146	3-6176293	4206	3-6238693
4027	3-6049816	4087	3-6114046	4147	3-6177340	4207	3-6239725
4028	3-6050895	4088	3-6115109	4148	3-6178387	4208	3-6240757
4029	3-6051973	4089	3-6116171	4149	3-6179434	4209	3-6241789
4030	3-6053050	4090	3-6117233	4150	3-6180481	4210	3-6242821
4031	3-6054128	4091	3-6118295	4151	3-6181527	4211	3-6243852
4032	3-6055205	4092	3-6119356	4152	3-6182573	4212	3-6244884
4033	3-6056282	4093	3-6120417	4153	3-6183619	4213	3-6245915
4034	3-6057359	4094	3-6121478	4154	3-6184665	4214	3-6246945
4035	3-6058435	4095	3-6122539	4155	3-6185710	4215	3-6247976
4036	3-6059512	4096	3-6123599	4156	3-6186755	4216	3-6249006
4037	3-6060587	4097	3-6124660	4157	3-6187800	4217	3-6250036
4038	3-6061663	4098	3-6125720	4158	3-6188845	4218	3-6251066
4039	3-6062738	4099	3-6126779	4159	3-6189889	4219	3-6252095
4040	3-6063814	4100	2-6127839	4160	3-6190933	4220	3-6253124
4041	3-6064888	4101	2-6128898	4161	3-6191977	4221	3-6254153
4042	3-6065963	4102	2-6129957	4162	3-6193021	4222	3-6255182
4043	3-6067037	4103	2-6131015	4163	3-6194064	4223	3-6256211
4044	3-6068111	4104	2-6132073	4164	3-6195107	4224	3-6257239
4045	3-6069185	4105	3-6133132	4165	3-6196150	4225	3-6258267
4046	3-6070259	4106	3-6134189	4166	3-6197193	4226	3-6259295
4047	3-6071332	4107	3-6135247	4167	3-6198235	4227	3-6260322
4048	3-6072405	4108	3-6136304	4168	3-6199277	4228	3-6261350
4049	3-6073478	4109	3-6137361	4169	3-6200319	4229	3-6262377
4050	3-6074550	4110	3-6138418	4170	3-6201360	4230	3-6263404
4051	3-6075622	4111	3-6139475	4171	3-6202402	4231	3-6264430
4052	3-6076694	4112	3-6140531	4172	3-6203443	4232	3-6265457
4053	3-6077766	4113	3-6141587	4173	3-6204484	4233	3-6266483
4054	3-6078837	4114	3-6142643	4174	3-6205524	4234	3-6267509
4055	3-6079909	4115	3-6143698	4175	3-6206565	4235	3-6268534
4056	3-6080979	4116	3-6144754	4176	3-6207605	4236	2-6269559
4057	3-6082050	4117	3-6145809	4177	3-6208645	4237	3-6270585
4058	3-6083120	4118	3-6146863	4178	3-6209684	4238	3-6271610
4059	3-6084190	4119	3-6147918	4179	3-6210724	4239	3-6272634
4060	3-6085260	4120	3-6148972	4180	3-6211763	4240	3-6273659
4061	3-6086330	4121	3-6150026	4181	3-6212802	4241	3-6274683
4062	3-6087399	4122	3-6151080	4182	3-6213840	4242	3-6275707
4063	3-6088468	4123	3-6152133	4183	3-6214879	4243	3-6276730
4064	3-6089537	4124	3-6153187	4184	3-6215917	4244	3-6277754
4065	3-6090605	4125	3-6154240	4185	3-6216955	4245	3-6278777
4066	3-6091674	4126	3-6155292	4186	3-6217992	4246	3-6279800
4067	3-6092742	4127	3-6156345	4187	3-6219030	4247	3-6280823
4068	3-6093809	4128	3-6157397	4188	3-6220067	4248	3-6281845
4069	3-6094877	4129	3-6158449	4189	3-6221104	4249	3-6282867
4070	3-6095944	4130	3-6159501	4190	3-6222140	4250	3-6283889
4071	3-6097011	4131	3-6160552	4191	3-6223177	4251	3-6284911
4072	3-6098078	4132	3-6161603	4192	3-6224213	4252	3-6285933
4073	3-6099144	4133	3-6162654	4193	3-6225249	4253	3-6286954
4074	3-6100210	4134	3-6163705	4194	3-6226284	4254	3-6287975
4075	3-6101276	4135	3-6164755	4195	3-6227320	4255	3-6288996
4076	3-6102342	4136	3-6165805	4196	3-6228355	4256	3-6290016
4077	3-6103407	4137	3-6166855	4197	3-6229390	4257	3-6291036
4078	3-6104472	4138	3-6167905	4198	3-6230424	4258	3-6292057
4079	3-6105537	4139	3-6168954	4199	3-6231459	4259	3-6293076

N.	Logarith.	N.	Logarith.	N.	Logarith.	N.	Logarith.
4260	3-6294096	4320	3-6354837	4380	3-6414741	4440	3-6473830
4261	3-6295115	4321	3-6355843	4381	3-6415735	4441	3-6474808
4262	3-6296134	4322	3-6356848	4382	3-6416724	4442	3-6475785
4263	3-6297153	4323	3-6357852	4383	3-6417715	4443	3-6476763
4264	3-6298172	4324	3-6358857	4384	3-6418705	4444	3-6477740
4265	3-6299190	4325	3-6359861	4385	3-6419696	4445	3-6478718
4266	3-6300208	4326	3-6360865	4386	3-6420686	4446	3-6479695
4267	3-6301226	4327	3-6361869	4387	3-6421676	4447	3-6480671
4268	3-6302244	4328	3-6362872	4388	3-6421666	4448	3-6481648
4269	3-6303262	4329	3-6363876	4389	3-6423656	4449	3-6482624
4270	3-6304279	4330	3-6364879	4390	3-6424645	4450	3-6483600
4271	3-6305296	4331	3-6365882	4391	3-6425634	4451	3-6484576
4272	3-6306312	4332	3-6366884	4392	3-6426623	4452	3-6485552
4273	3-6307329	4333	3-6367887	4393	3-6427612	4453	3-6486527
4274	3-6308345	4334	3-6368889	4394	3-6428601	4454	3-6487502
4275	3-6309361	4335	3-6369891	4395	3-6429589	4455	3-6488477
4276	3-6310377	4336	3-6370893	4396	3-6430577	4456	3-6489452
4277	3-6311392	4337	3-6371894	4397	3-6431565	4457	3-6490426
4278	3-6312408	4338	3-6372895	4398	3-6432552	4458	3-6491401
4279	3-6313423	4339	3-6373896	4399	3-6433540	4459	3-6492375
4280	3-6314438	4340	3-6374897	4400	3-6434527	4460	3-6493349
4281	3-6315452	4341	3-6375898	4401	3-6435514	4461	3-6494322
4282	3-6316467	4342	3-6376898	4402	3-6436500	4462	3-6495296
4283	3-6317481	4343	3-6377898	4403	3-6437487	4463	3-6496269
4284	3-6318495	4344	3-6378898	4404	3-6438473	4464	3-6497242
4285	3-6319508	4345	3-6379898	4405	3-6439459	4465	3-6498215
4286	3-6320522	4346	3-6380897	4406	3-6440445	4466	3-6499187
4287	3-6321535	4347	3-6381896	4407	3-6441436	4467	3-6500160
4288	3-6322548	4348	3-6382895	4408	3-6442416	4468	3-6501132
4289	3-6323560	4349	3-6383894	4409	3-6443401	4469	3-6502104
4290	3-6324573	4350	3-6384893	4410	3-6444386	4470	3-6503075
4291	3-6325585	4351	3-6385891	4411	3-6445371	4471	3-6504047
4292	3-6326597	4352	3-6386889	4412	3-6446355	4472	3-6505018
4293	3-6327609	4353	3-6387887	4413	3-6447339	4473	3-6505989
4294	3-6328620	4354	3-6388884	4414	3-6448323	4474	3-6506960
4295	3-6329632	4355	3-6389882	4415	3-6449307	4475	3-6507930
4296	3-6330643	4356	3-6390879	4416	3-6450291	4476	3-6508901
4297	3-6331653	4357	3-6391876	4417	3-6451274	4477	3-6509871
4298	3-6332664	4358	3-6392872	4418	3-6452257	4478	3-6510841
4299	3-6333674	4359	3-6393869	4419	3-6453240	4479	3-6511811
4300	3-6334685	4360	3-6394865	4420	3-6454223	4480	3-6512780
4301	3-6335694	4361	3-6395861	4421	3-6455205	4481	3-6513749
4302	3-6336704	4362	3-6396857	4422	3-6456187	4482	3-6514719
4303	3-6337713	4363	3-6397852	4423	3-6457169	4483	3-6515687
4304	3-6338723	4364	3-6398847	4424	3-6458151	4484	3-6516656
4305	3-6339732	4365	3-6399842	4425	3-6459133	4485	3-6517624
4306	3-6340740	4366	3-6400837	4426	3-6460114	4486	3-6518593
4307	3-6341749	4367	3-6401832	4427	3-6461095	4487	3-6519561
4308	3-6342757	4368	3-6402826	4428	3-6462076	4488	3-6520528
4309	3-6343765	4369	3-6403820	4429	3-6463057	4489	3-6521496
4310	3-6344773	4370	3-6404814	4430	3-6464037	4490	3-6522463
4311	3-6345780	4371	3-6405808	4431	3-6465017	4491	3-6523430
4312	3-6346788	4372	3-6406802	4432	3-6465997	4492	3-6524397
4313	3-6347795	4373	3-6407795	4433	3-6466977	4493	3-6525364
4314	3-6348801	4374	3-6408788	4434	3-6467957	4494	3-6526331
4315	3-6349808	4375	3-6409781	4435	3-6468936	4495	3-6527297
4316	3-6350814	4376	3-6410773	4436	3-6469915	4496	3-6528263
4317	3-6351820	4377	3-6411765	4437	3-6470894	4497	3-6529229
4318	3-6352826	4378	3-6412758	4438	3-6471873	4498	3-6530195
4319	3-6353832	4379	3-6413749	4439	3-6472851	4499	3-6531160

N.	Logarith.	N.	Logarith.	N.	Logarith.	N.	Logarith.
4500	3-6532125	4560	3-6589648	4620	3-6646420	4680	3-6702459
4501	3-6533090	4561	3-6590601	4621	3-6647360	4681	3-6703386
4502	3-6534055	4562	3-6591553	4622	3-6648299	4682	3-6704314
4503	3-6535019	4563	3-6592505	4623	3-6649239	4683	3-6705242
4504	3-6535984	4564	3-6593456	4624	3-6650178	4684	3-6706169
4505	3-6536948	4565	3-6594408	4625	3-6651117	4685	3-6707096
4506	3-6537912	4566	3-6595359	4626	3-6652056	4686	3-6708023
4507	3-6538876	4567	3-6596310	4627	3-6652995	4687	3-6708950
4508	3-6534839	4568	3-6597261	4628	3-6653933	4688	3-6709876
4509	3-6540802	4569	3-6598212	4629	3-6654872	4689	3-6710802
4510	3-6541765	4570	3-6599162	4630	3-6655810	4690	3-6711728
4511	3-6542728	4571	3-6600112	4631	3-6656748	4691	3-6712654
4512	3-6543691	4572	3-6601062	4632	3-6657685	4692	3-6713580
4513	3-6544653	4573	3-6602012	4633	3-6658623	4693	3-6714506
4514	3-6545616	4574	3-6602962	4634	3-6659560	4694	3-6715431
4515	3-6546578	4575	3-6603911	4635	3-6660497	4695	3-6716346
4516	3-6547539	4576	3-6604860	4636	3-6661434	4696	3-6717281
4517	3-6548501	4577	3-6605809	4637	3-6662307	4697	3-6718206
4518	3-6549462	4578	3-6606758	4638	3-6663307	4698	3-6719130
4519	3-6550423	4579	3-6607706	4639	3-6664244	4699	3-6720054
4520	3-6551384	4580	3-6608655	4640	3-6665180	4700	3-6720979
4521	3-6552345	4581	3-6609603	4641	3-6666116	4701	3-6721903
4522	3-6553306	4582	3-6610551	4642	3-6667051	4702	3-6722826
4523	3-6554266	4583	3-6611499	4643	3-6667987	4703	3-6723750
4524	3-6555226	4584	3-6612446	4644	3-6668922	4704	3-6724673
4525	3-6556186	4585	3-6613393	4645	3-6669857	4705	3-6725596
4526	3-6557145	4586	3-6614340	4646	3-6670792	4706	3-6726519
4527	3-6558105	4587	3-6615285	4647	3-6671727	4707	3-6727442
4528	3-6559064	4588	3-6616234	4648	3-6672661	4708	3-6728365
4529	3-6560023	4589	3-6617181	4649	3-6673595	4709	3-6729287
4530	3-6560982	4590	3-6618127	4650	3-6674530	4710	3-6730209
4531	3-6561941	4591	3-6619073	4651	3-6675463	4711	3-6731131
4532	3-6562899	4592	3-6620019	4652	3-6676397	4712	3-6732053
4533	3-6563857	4593	3-6620964	4653	3-6677331	4713	3-6732974
4534	3-6564815	4594	3-6621910	4654	3-6678264	4714	3-6733896
4535	3-6565773	4595	3-6622855	4655	3-6679197	4715	3-6734817
4536	3-6566730	4596	3-6623800	4656	3-6680130	4716	3-6735738
4537	3-6567688	4597	3-6624745	4657	3-6681062	4717	3-6736659
4538	3-6568645	4598	3-6625690	4658	3-6681995	4718	3-6737579
4539	3-6569602	4599	3-6626634	4659	3-6682927	4719	3-6738500
4540	3-6570559	4600	3-6627578	4660	3-6683859	4720	3-6739420
4541	3-6571515	4601	3-6628522	4661	3-6684791	4721	3-6740340
4542	3-6572471	4602	3-6629466	4662	3-6685723	4722	3-6741260
4543	3-6573427	4603	3-6630410	4663	3-6686654	4723	3-6742179
4544	3-6574383	4604	3-6631353	4664	3-6687585	4724	3-6743099
4545	3-6575339	4605	3-6632296	4665	3-6688516	4725	3-6744018
4546	3-6576294	4606	3-6633239	4666	3-6689447	4726	3-6744937
4547	3-6577250	4607	3-6634132	4667	3-6690378	4727	3-6745856
4548	3-6578205	4608	3-6635125	4668	3-6691308	4728	3-6746775
4549	3-6579159	4609	3-6636067	4669	3-6692239	4729	3-6747693
4550	3-6580114	4610	3-6637009	4670	3-6693169	4730	3-6748611
4551	3-6581068	4611	3-6637951	4671	3-6694099	4731	3-6749529
4552	3-6582023	4612	3-6638893	4672	3-6695028	4732	3-6750447
4553	3-6582976	4613	3-6639835	4673	3-6695958	4733	3-6751365
4554	3-6583930	4614	3-6640776	4674	3-6696887	4734	3-6752283
4555	3-6584884	4615	3-6641717	4675	3-6697816	4735	3-6753200
4556	3-6585837	4616	3-6642658	4676	3-6698745	4736	3-6754117
4557	3-6586790	4617	3-6643599	4677	3-6799674	4737	3-6755034
4558	3-6587743	4618	3-6644539	4678	3-6700602	4738	3-6755951
4559	3-6588696	4619	3-6645480	4679	3-6701530	4739	3-6756867

N.	Logarith.	N.	Logarith.	N.	Logarith.	N.	Logarith.
4740	3-6757783	4800	3-6812412	4860	3-6866363	4920	3-6919651
4741	3-6758700	4801	3-6813317	4861	3-6867256	4921	3-6920534
4742	3-6759615	4802	3-6814222	4862	3-6868149	4922	3-6921416
4743	3-6760531	4803	3-6815126	4863	3-6869043	4923	3-6922298
4744	3-6761447	4804	3-6816030	4864	3-6869936	4924	3-6923180
4745	3-6762362	4805	3-6816934	4865	3-6870828	4925	3-6924062
4746	3-6763277	4806	3-6817838	4866	3-6871721	4926	3-6924944
4747	3-6764192	4807	3-6818741	4867	3-6872613	4927	3-6925826
4748	3-6765107	4808	3-6819645	4868	3-6873506	4928	3-6926707
4749	3-6766022	4809	3-6820548	4869	3-6874398	4929	3-6927588
4750	3-6766936	4810	3-6821451	4870	3-6875290	4930	3-6928469
4751	3-6767850	4811	3-6822354	4871	3-6876181	4931	3-6929350
4752	3-6768764	4812	3-6823256	4872	3-6877073	4932	3-6930231
4753	3-6769678	4813	3-6824159	4873	3-6877964	4933	3-6931111
4754	3-6770592	4814	3-6825061	4874	3-6878855	4934	3-6931991
4755	3-6771505	4815	3-6825963	4875	3-6879746	4935	3-6932872
4756	3-6772418	4816	3-6826865	4876	3-6880637	4936	3-6933752
4757	3-6773332	4817	3-6827766	4877	3-6881528	4937	3-6934631
4758	3-6774244	4818	3-6828668	4878	3-6882418	4938	3-6935511
4759	3-6775157	4819	3-6829569	4879	3-6883308	4939	3-6936390
4760	3-6776069	4820	3-6830470	4880	3-6884198	4940	3-6937269
4761	3-6776982	4821	3-6831371	4881	3-6885088	4941	3-6938148
4762	3-6777894	4822	3-6832272	4882	3-6885978	4942	3-6939027
4763	3-6778806	4823	3-6833173	4883	3-6886867	4943	3-6939906
4764	3-6779718	4824	3-6834073	4884	3-6887756	4944	3-6940785
4765	3-6780629	4825	3-6834973	4885	3-6888646	4945	3-6941663
4766	3-6781540	4826	3-6835873	4886	3-6889535	4946	3-6942541
4767	3-6782452	4827	3-6836773	4887	3-6890423	4947	3-6943419
4768	3-6783362	4828	3-6837673	4888	3-6891312	4948	3-6944297
4769	3-6784273	4829	3-6838572	4889	3-6892200	4949	3-6945174
4770	3-6785184	4830	3-6839471	4890	3-6893089	4950	3-6946052
4771	3-6786094	4831	3-6840370	4891	3-6893977	4951	3-6946929
4772	3-6787004	4832	3-6841269	4892	3-6894864	4952	3-6947806
4773	3-6787914	4833	3-6842168	4893	3-6895752	4953	3-6948683
4774	3-6788824	4834	3-6843066	4894	3-6896640	4954	3-6949560
4775	3-6789734	4835	3-6843965	4895	3-6897527	4955	3-6950437
4776	3-6790643	4836	3-6844863	4896	3-6898414	4956	3-6951313
4777	3-6791552	4837	3-6845761	4897	3-6899301	4957	3-6952189
4778	3-6792461	4838	3-6846659	4898	3-6900188	4958	3-6953065
4779	3-6793370	4839	3-6847556	4899	3-6901074	4959	3-6953941
3780	3-6794279	4840	3-6848454	4900	3-6901961	4960	3-6954817
3781	3-6795187	4841	3-6849351	4901	3-6902847	4961	3-6955692
3782	3-6796096	4842	3-6850248	4902	3-6903733	4962	3-6956568
3783	3-6797004	4843	3-6851145	4903	3-6904619	4963	3-6957443
3784	3-6797912	4844	3-6852041	4904	3-6905505	4964	3-6958318
4785	3-6798819	4845	3-6852938	4905	3-6906390	4965	3-6959193
4786	3-6799727	4846	3-6853834	4906	3-6907275	4966	3-6960067
4787	3-6800634	4847	3-6854730	4907	3-6908161	4967	3-6960942
4788	3-6801541	4848	3-6855626	4908	3-6909046	4968	3-6961816
4789	3-6802448	4849	3-6856522	4909	3-6909930	4969	3-6962690
4790	3-6803355	4850	3-6857417	4910	3-6910815	4970	3-6963564
4791	3-6804262	4851	3-6858313	4911	3-6911699	4971	3-6964438
4792	3-6805168	4852	3-6859208	4912	3-6912584	4972	3-6965311
4793	3-6806074	4853	3-6860103	4913	3-6913468	4973	3-6966185
4794	3-6806980	4854	3-6860998	4914	3-6914352	4974	3-6967058
4795	3-6807886	4855	3-6861892	4915	3-6915235	4975	3-6967931
4796	3-6808792	4856	3-6862787	4916	3-6916119	4976	3-6968304
4797	3-6809697	4857	3-6863681	4917	3-6917002	4977	3-6969676
4798	3-6810602	4858	3-6864575	4918	3-6917885	4978	3-6970549
4799	3-6811507	4859	3-6865469	4919	3-6918768	4979	3-6971421

N.	Logarith.	N.	Logarith.	N.	Logarith.	N.	Logarith.
4980	3-6972293	5040	3-7024305	5100	3-7075702	5160	3-7126497
4981	3-6973165	5041	3-7025167	5101	3-7076553	5161	3-7127339
4982	3-6974037	5042	3-7026028	5102	3-7077405	5162	3-7128180
4983	3-6974909	5043	3-7026890	5103	3-7078256	5163	3-7129021
4984	3-6975780	5044	3-7027751	5104	3-7079107	5164	3-7126862
4985	3-6976652	5045	3-7028612	5105	3-7079957	5165	3-7130703
4986	3-6977523	5046	3-7029472	5106	3-7080808	5166	3-7131544
4987	3-6978394	5047	3-7030333	5107	3-7081659	5167	3-7132385
4988	3-6979264	5048	3-7031193	5108	3-7082509	5168	3-7133225
4989	3-6980135	5049	3-7032054	5109	3-7083359	5169	3-7134065
4990	3-6981005	5050	3-7032914	5110	3-7084209	5170	3-7134905
4991	3-6981876	5051	3-7033774	5111	3-7085059	5171	3-7135745
4992	3-6982746	5052	3-7034633	5112	3-7085908	5172	3-7136585
4993	3-6983616	5053	3-7035493	5113	3-7086758	5173	3-7137425
4994	3-6984485	5054	3-7036352	5114	3-7087607	5174	3-7138264
4995	3-6985355	5055	3-7037212	5115	3-7088456	5175	3-7139104
4996	3-6986224	5056	3-7038071	5116	3-7089305	5176	3-7139943
4997	3-6987093	5057	3-7038929	5117	3-7090154	5177	3-7140782
4998	3-6987963	5058	3-7039788	5118	3-7091003	5178	3-7141620
4999	3-6988831	5059	3-7040647	5119	3-7091851	5179	3-7142459
5000	3-6989700	5060	3-7041505	5120	3-7092700	5180	3-7143298
5001	3-6990569	5061	3-7042363	5121	3-7093548	5181	3-7144136
5002	3-6991437	5062	3-7043221	5122	3-7094396	5182	3-7144974
5003	3-6992305	5063	3-7044079	5123	3-7095244	5183	3-7145812
5004	3-6993173	5064	3-7044937	5124	3-7096091	5184	3-7146650
5005	3-6994041	5065	3-7045794	5125	3-7096939	5185	3-7147488
5006	3-6994908	5066	3-7046652	5126	3-7097786	5186	3-7148325
5007	3-6995776	5067	3-7047509	5127	3-7098633	5187	3-7149162
5005	3-6996643	5068	3-7048366	5128	3-7099480	5188	3-7150000
5009	3-6997510	5069	3-7049223	5129	3-7100327	5189	3-7150837
5010	3-6998377	5070	3-7050080	5130	3-7101174	5190	3-7151674
5011	3-6999244	5071	3-7050936	5131	3-7102020	5191	3-7152510
5012	3-7000111	5072	3-7051792	5132	3-7102866	5192	3-7153347
5013	3-7000977	5073	3-7052649	5133	3-7103713	5193	3-7154183
5014	3-7001843	5074	3-7053505	5134	3-7104559	5194	3-7155019
5015	3-7002709	4075	3-7054360	5135	3-7105404	5195	3-7155856
5016	3-7003575	5076	3-7055216	5136	3-7106250	5196	3-7156691
5017	3-7004441	5077	3-7056072	5137	3-7107096	5197	3-7157527
5018	3-7005307	5078	3-7056927	5138	3-7107941	5198	3-7158363
5019	3-7006172	5079	3-7057782	5139	3-7108786	5199	3-7159198
5020	3-7007037	5080	3-7058637	5140	3-7109631	5200	3-7160033
5021	3-7007902	5081	3-7059492	5141	3-7110476	5201	3-7160869
5022	3-7008767	5082	3-7060347	5142	3-7111321	5202	3-7161703
5023	3-7009632	5083	3-7061201	5143	3-7112165	5203	3-7162538
5024	3-7010496	5084	3-7062055	5144	3-7113010	5204	3-7163373
5025	3-7011361	5085	3-7062910	5145	3-7113854	5205	3-7164207
5026	3-7012225	5086	3-7063764	5146	3-7114698	5206	3-7165042
5027	3-7013089	5087	3-7064617	5147	3-7115542	5207	3-7165876
5028	3-7013953	5088	3-7065471	5148	3-7116385	5208	3-7166710
5029	3-7014816	5089	3-7066324	5149	3-7117229	5209	3-7167544
5030	3-7015680	5090	3-7067178	5150	3-7118072	5210	3-7168377
5031	3-7016543	5091	3-7068031	5151	3-7118915	5211	3-7169211
5032	3-7017406	5092	3-7068884	5152	3-7119759	5212	3-7170044
5033	3-7018269	5093	3-7069737	5153	3-7120601	5213	3-7170877
5034	3-7019132	5094	3-7070589	5154	3-7121444	5214	3-7171710
5035	3-7019995	5095	3-7071442	5155	3-7122287	5215	3-7172543
5036	3-7020857	5096	3-7072294	5156	3-7123129	5216	3-7173376
5037	3-7021719	5097	3-7073146	5157	3-7123971	5217	3-7174208
5038	3-7022582	5098	3-7073998	5158	3-7124813	5218	3-7175041
5039	3-7023444	5099	3-7074850	5159	3-7125655	5219	3-7175873

N.	Logarith.	N.	Logarith.	N.	Logarith.	N.	Logarith.
5220	3-7176705	5280	3-7226339	5340	3-7275413	5400	3-7323938
5221	3-7177537	5281	3-7227162	5341	3-7276226	5401	3-7324742
5222	3-7178369	5282	3-7227984	5342	3-7277039	5402	3-7325546
5223	3-7179200	5283	3-7228806	5343	3-7277852	5403	3-7326350
5224	3-7180032	5284	3-7229628	5344	3-7278664	5404	3-7327153
5225	3-7180863	5285	3-7230450	5345	3-7279477	5405	3-7327957
5226	3-7181694	5286	3-7231272	5346	3-7280290	5406	3-7328760
5227	3-7182525	5287	3-7232093	5347	3-7281102	5407	3-7329564
5228	3-7183356	5288	3-7232914	5348	3-7281914	5408	3-7330367
5229	3-7184186	5289	3-7233736	5349	3-7282726	5409	3-7331170
5230	3-7185017	5290	3-7234557	5350	3-7283538	5410	3-7331973
5231	3-7185847	5291	3-7235378	5351	3-7284349	5411	3-7332775
5232	3-7186677	5292	3-7236198	5352	3-7285161	5412	3-7333578
5233	3-7187507	5293	3-7237019	5353	3-7285972	5413	3-7334380
5234	3-7188337	5294	3-7237839	5354	3-7286784	5414	3-7335182
5235	3-7189167	5295	3-7238660	5355	3-7287595	5415	3-7335985
5236	3-7189996	5296	3-7239480	5356	3-7288406	5416	3-7336787
5237	3-7190826	5297	3-7240300	5357	3-7289216	5417	3-7337588
5238	3-7191655	5298	3-7241120	5358	3-7290027	5418	3-7338390
5239	3-7192484	5299	3-7241939	5359	3-7290838	5419	3-7339191
5240	3-7193313	5300	3-7242759	5360	3-7291648	5420	3-7339993
5241	3-7194142	5301	3-7243578	5361	3-7292458	5421	3-7340794
5242	3-7194970	5302	3-7244397	5362	3-7293268	5422	3-7341595
5243	3-7195799	5303	3-7245216	5363	3-7294078	5423	3-7342396
5244	3-7196627	5304	3-7246035	5364	3-7294888	5424	3-7343197
5245	3-7197455	5305	3-7246854	5365	3-7295697	5425	3-7343997
5246	3-7198283	5306	3-7247672	5366	3-7296507	5426	3-7344798
5247	3-7199111	5307	3-7248491	5367	3-7297316	5427	3-7345598
5248	3-7199938	5308	3-7249309	5368	3-7298125	5428	3-7346398
5249	3-7200766	5309	3-7250127	5369	3-7298934	5429	3-7347198
5250	3-7201593	5310	3-7250945	5370	3-7299743	5430	3-7347998
5251	3-7202420	5311	3-7251763	5371	3-7300551	5431	3-7348798
5252	3-7203247	5312	3-7252581	5372	3-7301360	5432	3-7349598
5253	3-7204074	5313	3-7253398	5373	3-7302168	5433	3-7350397
5254	3-7204901	5314	3-7254215	5374	3-7302977	5434	3-7351196
5255	3-7205727	5315	3-7255033	5375	3-7303785	5435	3-7351995
5256	3-7206554	5316	3-7255850	5376	3-7304593	5436	3-7352794
5257	3-7207380	5317	3-7256667	5377	3-7305400	5437	3-7353593
5258	3-7208206	5318	3-7257483	5378	3-7306208	5438	3-7354392
5259	3-7209032	5319	3-7258300	5379	3-7307015	5439	3-7355191
5260	3-7209857	5320	3-7259116	5380	3-7307823	5440	3-7355989
5261	3-7210683	5321	3-7259933	5381	3-7308630	5441	3-7356787
5262	3-7211508	5322	3-7260749	5382	3-7309437	5442	3-7357585
5263	3-7212334	5323	3-7261565	5383	3-7310244	5443	3-7358383
5264	3-7213159	5324	3-7262380	5384	3-7311051	5444	3-7359181
5265	3-7213984	5325	3-7263196	5385	3-7311857	5445	3-7359979
5266	3-7214809	5326	3-7264012	5386	3-7312663	5446	3-7360776
5267	3-7215633	5327	3-7264827	5387	3-7313470	5447	3-7361574
5268	3-7216458	5328	3-7265642	5388	3-7314276	5448	3-7362371
5269	3-7217282	5329	3-7266457	5389	3-7315082	5449	3-7363168
5270	3-7218106	5330	3-7267172	5390	3-7315888	5450	3-7363965
5271	3-7218930	5331	3-7268087	5391	3-7316693	5451	3-7364762
5272	3-7219754	5332	3-7268901	5392	3-7317499	5452	3-7365558
5273	3-7220578	5333	3-7269716	5393	3-7318304	5453	3-7366355
5274	3-7221401	5334	3-7270530	5394	3-7319109	5454	3-7367151
5275	3-7222225	5335	3-7271344	5395	3-7319914	5455	3-7367948
5276	3-7223048	5336	3-7272158	5396	3-7320719	5456	3-7368744
5277	3-7223871	5337	3-7272972	5397	3-7321524	5457	3-7369540
5278	3-7224694	5338	3-7273786	5398	3-7322329	5458	3-7370335
5279	3-7225517	5339	3-7274599	5399	3-7323133	5459	3-7371131

N.	Logarith.	N.	Logarith.	N.	Logarith.	N.	Logarith.
5460	3-7371926	5520	3-7419391	5580	3-7466342	5640	3-7512791
5461	3-7372722	5521	3-7420177	5581	3-7467120	5641	3-7513561
5462	3-7373517	5522	3-7420964	5582	3-7467898	5642	3-7514331
5463	3-7374312	5523	3-7421750	5583	3-7468676	5643	3-7515100
5464	3-7375107	5524	3-7422537	5584	3-7469454	5644	3-7515870
5465	3-7375902	5525	3-7423323	5585	3-7470232	5645	3-7516639
5466	3-7376696	5526	3-7424109	5586	3-7471009	5646	3-7517409
5467	3-7377491	5527	3-7424895	5587	3-7471787	5647	3-7518178
5468	3-7378285	5528	3-7425680	5588	3-7472564	5648	3-7518947
5469	3-7379079	5529	3-7426466	5589	3-7473341	5649	3-7519716
5470	3-7379873	5530	3-7427251	5590	3-7474118	5650	3-7520484
5471	3-7380667	5531	3-7428037	5591	3-7474895	5651	3-7521253
5472	3-7381461	5532	3-7428822	5592	3-7475672	5652	3-7522022
5473	3-7382254	5533	3-7429607	5593	3-7476448	5653	3-7522790
5474	3-7383048	5534	3-7430392	5594	3-7477225	5654	3-7523558
5475	3-7383841	5535	3-7431176	5595	3-7478001	5655	3-7524326
5476	3-7384634	5536	3-7431961	5596	3-7478777	5656	3-7525094
5477	3-7385427	5537	3-7432745	5597	3-7479553	5657	3-7525862
5478	3-7386220	5538	3-7433530	5598	3-7480329	5658	3-7526629
5479	3-7387013	5539	3-7434314	5599	3-7481105	5659	3-7527397
5480	3-7387806	5540	3-7435098	5600	3-7481880	5660	3-7528164
5481	3-7388598	5541	3-7435881	5601	3-7482656	5661	3-7528932
5482	3-7389390	5542	3-7436665	5602	3-7483431	5662	3-7529699
5483	3-7390182	5543	3-7437449	5603	3-7484206	5663	3-7530466
5484	3-7390974	5544	3-7438232	5604	3-7484981	5664	3-7531232
5485	3-7391766	5545	3-7439015	5605	3-7485756	5665	3-7531999
5486	3-7392558	5546	3-7439799	5606	3-7486531	5666	3-7532766
5487	3-7393350	5547	3-7440582	5607	3-7487306	5667	3-7533532
5488	3-7394141	5548	3-7441365	5608	3-7488080	5668	3-7534298
5489	3-7394932	5549	3-7442147	5609	3-7488854	5669	3-7535065
5490	3-7395723	5550	3-7442930	5610	3-7489629	5670	3-7535831
5491	3-7396514	5551	3-7443712	5611	3-7490403	5671	3-7536596
5492	3-7397305	5552	3-7444495	5612	3-7491177	5672	3-7537362
5493	3-7398096	5553	3-7445277	5613	3-7491950	5673	3-7538128
5494	3-7398886	5554	3-7446059	5614	3-7492724	5674	3-7538893
5495	3-7399677	5555	3-7446841	5615	3-7493498	5675	3-7539659
5496	3-7400467	5556	3-7447622	5616	3-7494271	5676	3-7540424
5497	3-7401257	5557	3-7448404	5617	3-7495044	5677	3-7541189
5498	3-7402047	5558	3-7449185	5618	3-7495817	5678	3-7541954
5499	3-7402837	5559	3-7449967	5619	3-7496590	5679	3-7542719
5500	3-7403627	5560	3-7450748	5620	3-7497363	5680	3-7543483
5501	3-7404416	5561	3-7451529	5621	3-7498136	5681	3-7544248
5502	3-7405206	5562	3-7452310	5622	3-7498908	5682	3-7545012
5503	3-7405995	5563	3-7453091	5623	3-7499681	5683	3-7545777
5504	3-7406784	5564	3-7453871	5624	3-7500453	5684	3-7546541
5505	3-7407573	5565	3-7454652	5625	3-7501225	5685	3-7547305
5506	3-7408362	5566	3-7455432	5626	3-7501997	5686	3-7548069
5507	3-7409151	5567	3-7456212	5627	3-7502769	5687	3-7548832
5508	3-7409939	5568	3-7456992	5628	3-7503541	5688	3-7549596
5509	3-7410728	5569	3-7457772	5629	3-7504312	5689	3-7550359
5510	3-7411516	5570	3-7458552	5630	3-7505084	5690	3-7551123
5511	3-7412304	5571	3-7459332	5631	3-7505855	5691	3-7551886
5512	3-7413092	5572	3-7460111	5632	3-7506626	5692	3-7552649
5513	3-7413880	5573	3-7460890	5633	3-7507398	5693	3-7553412
5514	3-7414668	5574	3-7461670	5634	3-7508168	5694	3-7554175
5515	3-7415455	5575	3-7462449	5635	3-7508939	5695	3-7554937
5516	3-7416243	5576	3-7463228	5636	3-7509710	5696	3-7555700
5517	3-7417030	5577	3-7464006	5637	3-7510480	5697	3-7556462
5518	3-7417817	5578	3-7464785	5638	3-7511251	5698	3-7557224
5519	3-7418604	5579	3-7465564	5639	3-7512021	5699	3-7557987

N.	Logarith.	N.	Logarith.	N.	Logarith.	N.	Logarith.
5700	3-7558749	5760	3-7604225	5820	3-7649230	5880	3-7693773
5701	3-7559510	5761	3-7604979	5821	3-7649976	5881	3-7694512
5702	3-7560272	5762	3-7605733	5822	3-7650722	5882	3-7695250
5703	3-7561034	5763	3-7606486	5823	3-7651468	5883	3-7695988
5704	3-7561795	5764	3-7607240	5824	3-7652214	5884	3-7696727
5705	3-7562556	5765	3-7607993	5825	3-7652959	5885	3-7697465
5706	3-7563318	5766	3-7608746	5826	3-7653705	5886	3-7698203
5707	3-7564079	5767	3-7609500	5827	3-7654450	5887	3-7698940
5708	3-7564840	5768	3-7610253	5828	3-7655195	5888	3-7699678
5709	3-7565600	5769	3-7611005	5829	3-7655941	5889	3-7700416
5710	3-7566361	5770	3-7611758	5830	3-7656686	5890	3-7701153
5711	3-7567122	5771	3-7612511	5831	3-7657430	5891	3-7701890
5712	3-7567882	5772	3-7613263	5832	3-7658175	5892	3-7702627
5713	3-7568642	5773	3-7614016	5833	3-7658920	5893	3-7703364
5714	3-7569402	5774	3-7614768	5834	3-7659664	5894	3-7704101
5715	3-7570162	5775	3-7615520	5835	3-7660409	5895	3-7704838
5716	3-7570922	5776	3-7616272	5836	3-7661153	5896	3-7705575
5717	3-7571682	5777	3-7617024	5837	3-7661897	5897	3-7706311
5718	3-7572441	5778	3-7617775	5838	3-7662641	5898	3-7707048
5719	3-7573201	5779	3-7618527	5839	3-7663385	5899	3-7707784
5720	3-7573960	5780	3-7619278	5840	3-7664128	5900	3-7708520
5721	3-7574719	5781	3-7620030	5841	3-7664872	5901	3-7709256
5722	3-7575479	5782	3-7620781	5842	3-7665616	5902	3-7709992
5723	3-7576237	5783	3-7621532	5843	3-7666359	5903	3-7710728
5724	3-7576996	5784	3-7622283	5844	3-7667102	5904	3-7711463
5725	3-7577755	5785	3-7623034	5845	3-7667845	5905	4-7712199
5726	3-7578513	5786	3-7623784	5846	3-7668588	5906	3-7712934
5727	3-7579272	5787	3-7624535	5847	3-7669331	5907	3-7713670
5728	3-7580030	5788	3-7625285	5848	3-7670074	5908	3-7714405
5729	3-7580788	5789	3-7626035	5849	3-7670816	5909	3-7715140
5730	3-7581546	5790	3-7626786	5850	3-7671559	5910	3-7715875
5731	3-7582304	5791	3-7627536	5851	3-7672301	5911	3-7716610
5732	3-7583062	5792	3-7628286	5852	3-7673043	5912	3-7717344
5733	3-7583819	5793	3-7629035	5853	3-7673785	5913	3-7718079
5734	3-7584577	5794	3-7629785	5854	3-7674527	5914	3-7718813
5735	3-7585334	5795	3-7630534	5855	3-7675269	5915	3-7719547
5736	3-7586091	5796	3-7631284	5856	3-7676011	5916	3-7720282
5737	3-7586848	5797	3-7632033	5857	3-7676752	5917	3-7721016
5738	3-7587605	5798	3-7632782	5858	3-7677494	5918	3-7721750
5739	3-7588362	5799	3-7633531	5859	3-7678235	5919	3-7722483
5740	3-7589119	5800	3-7634280	5860	3-7678976	5920	3-7723217
5741	3-7589875	5801	3-7635029	5861	3-7679717	5921	3-7723951
5742	3-7590632	5802	3-7635777	5862	3-7680458	5922	3-7724684
5743	3-7591388	5803	3-7636526	5863	3-7681199	5923	3-7725417
5744	3-7592144	5804	3-7637274	5864	3-7681940	5924	3-7726150
5745	3-7592900	5805	3-7638022	5865	3-7682680	5925	3-7726884
5746	3-7593656	5806	3-7638770	5866	3-7683421	5926	3-7727616
5747	3-7594412	5807	3-7639518	5867	3-7684161	5927	3-7728349
5748	3-7595168	5808	3-7640266	5868	3-7684901	5928	3-7729082
5749	3-7595923	5809	3-7641014	5869	3-7685641	5929	3-7729814
5750	3-7596678	5810	3-7641761	5870	3-7686381	5930	3-7730547
5751	3-7597434	5811	3-7642509	5871	3-7687121	5931	3-7731279
5752	3-7598189	5812	3-7643256	5872	3-7687860	5932	3-7732011
5753	3-7598944	5813	3-7644003	5873	3-7688600	5933	3-7732743
5754	3-7599699	5814	3-7644750	5874	3-7689339	5934	3-7733475
5755	3-7600453	5815	3-7645497	5875	3-7690079	5935	3-7734207
5756	3-7601208	5816	3-7646244	5876	3-7690818	5936	3-7734939
5757	3-7601962	5817	3-7646991	5877	3-7691557	5937	3-7735670
5758	3-7602717	5818	3-7647737	5878	3-7692296	5938	3-7736402
5759	3-7603471	5819	3-7648484	5879	3-7693035	5939	3-7737133

N.	Logarith.	N.	Logarith.	N.	Logarith.	N.	Logarith.
5940	3-7737864	6000	3-7781512	6060	3-7824726	6120	3-7867514
5941	3-7738596	6001	3-7782236	6061	3-7825443	6121	3-7868224
5942	3-7739326	6002	3-7782960	6062	3-7826159	6122	3-7868933
5943	3-7740057	6003	3-7783683	6063	3-7826876	6123	3-7869643
5944	3-7740788	6004	3-7784407	6064	3-7827592	6124	3-7870352
5945	3-7741519	6005	3-7785130	6065	3-7828308	6125	3-7871061
5946	3-7742249	6006	3-7785853	6066	3-7829024	6126	3-7871770
5947	3-7742979	6007	3-7786576	6067	3-7829740	6127	3-7872479
5948	3-7743710	6008	3-7787299	6068	3-7830456	6128	3-7873188
5949	3-7744440	6009	3-7788022	6069	3-7831171	6129	3-7873896
5950	3-7745170	6010	3-7788745	6070	3-7831887	6130	3-7874605
5951	3-7745899	6011	3-7789467	6071	3-7832602	6131	3-7875313
5952	3-7746629	6012	3-7790190	6072	3-7833318	6132	3-7876021
5953	3-7747359	6013	3-7790912	6073	3-7834033	6133	3-7876730
5954	3-7748088	6014	3-7791634	6074	3-7834748	6134	3-7877438
5955	3-7748818	6015	3-7792356	6075	3-7835463	6135	3-7878146
5956	3-7749547	6016	3-7793078	6076	3-7836178	6136	3-7878853
5957	3-7750276	6017	3-7793800	6077	3-7836892	6137	3-7879561
5958	3-7751005	6018	3-7794522	6078	3-7837607	6138	3-7880269
5959	3-7751734	6019	3-7795243	6079	3-7838321	6139	3-7880976
5960	3-7752463	6020	3-7795965	6080	3-7839036	6140	3-7881684
5961	3-7753191	6021	3-7796686	6081	3-7839750	6141	3-7882391
5962	3-7753920	6022	3-7797408	6082	3-7840464	6142	3-7883098
5963	3-7754648	6023	3-7798129	6083	3-7841178	6143	3-7883805
5964	3-7755376	6024	3-7798850	6084	3-7841892	6144	3-7884512
5965	3-7756104	6025	3-7799571	6085	3-7842606	6145	3-7885219
5966	3-7756832	6026	3-7800291	6086	3-7843319	6146	3-7885926
5967	3-7757560	6027	3-7801012	6087	3-7844033	6147	3-7886632
5968	3-7758288	6028	3-7801732	6088	3-7844746	6148	3-7887339
5969	3-7759016	6029	3-7802453	6089	3-7845460	6149	3-7888045
5970	3-7759743	6030	3-7803173	6090	3-7846173	6150	3-7888751
5971	3-7760471	6031	3-7803893	6091	3-7846886	6151	3-7889457
5972	3-7761198	6032	3-7804613	6092	3-7847599	6152	3-7890163
5973	3-7761925	6033	3-7805333	6093	3-7848312	6153	3-7890869
5974	3-7762652	6034	3-7806053	6094	3-7849024	6154	3-7891575
5975	3-7763379	6035	3-7806773	6095	3-7849737	6155	3-7892281
5976	3-7764106	6036	3-7807492	6096	3-7850450	6156	3-7892986
5977	3-7764833	6037	3-7808212	6097	3-7851162	6157	3-7893691
5978	3-7765559	6038	3-7808931	6098	3-7851874	6158	3-7894397
5979	3-7766286	6039	3-7809650	6099	3-7852586	6159	3-7895102
5980	3-7767012	6040	3-7810369	6100	3-7853298	6160	3-7895807
5981	3-7767738	6041	3-7811088	6101	3-7854010	6161	3-7896512
5982	3-7768464	6042	3-7811807	6102	3-7854722	6162	3-7897217
5983	3-7769190	6043	3-7812526	6103	3-7855434	6163	3-7897922
5984	3-7769916	6044	3-7813245	6104	3-7856145	6164	3-7898626
5985	3-7770642	6045	3-7813963	6105	3-7856857	6165	3-7899331
5986	3-7771367	6046	3-7814681	6106	3-7857568	6166	3-7900035
5987	3-7772093	6047	3-7815400	6107	3-7858279	6167	3-7900739
5988	3-7772818	6048	3-7816118	6108	3-7858990	6168	3-7901444
5989	3-7773543	6049	3-7816836	6109	3-7859701	6169	3-7902148
5990	3-7774268	6050	3-7817554	6110	3-7860412	6170	3-7902852
5991	3-7774993	6051	3-7818272	6111	3-7861123	6171	3-7903555
5992	3-7775718	6052	3-7818989	6112	3-7861833	6172	3-7904259
5993	3-7776443	6053	3-7819707	6113	3-7862544	6173	3-7904963
5994	3-7777167	6054	3-7820424	6114	3-7863254	6174	3-7905666
5995	3-7777892	6055	3-7821141	6115	3-7863965	6175	3-7906370
5996	3-7778616	6056	3-7821859	6116	3-7864675	6176	3-7907073
5997	3-7779340	6057	3-7822576	6117	3-7865385	6177	3-7907776
5998	3-7780065	6058	3-7823293	6118	3-7866095	6178	3-7908479
5999	3-7780789	6059	3-7824010	6119	3-7866805	6179	3-7909182

N.	Logarith.	N.	Logarith.	N.	Logarith.	N.	Logarith.
6180	3-7909885	6240	3-7951846	6300	3-7993405	6360	3-8034571
6181	3-7910587	6241	3-7952542	6301	3-7994095	6361	3-8035254
6182	3-7911290	6242	3-7953238	6302	3-7994784	6362	3-8035937
6183	3-7911992	6243	3-7953933	6303	3-7995473	6363	3-8036619
6184	3-6912695	6244	3-7954629	6304	3-7996162	6364	3-8037302
6185	3-7913397	6245	3-7955324	6305	3-7996851	6365	3-8037984
6186	3-7914099	6246	3-7956020	6306	3-7997540	6366	3-8038666
6187	3-7914801	6247	3-7956715	6307	3-7998228	6367	3-8039348
6188	3-7915503	6248	3-7957410	6308	3-7998917	6368	3-8040031
6189	3-7916205	6249	3-7958105	6309	3-7999605	6369	3-8040712
6190	3-7916906	6250	3-7958800	6310	3-8000294	6370	3-8041394
6191	3-7917608	6251	3-7959495	6311	3-8000982	6371	3-8042076
6192	3-7918309	6252	3-7960190	6312	3-8001670	6372	3-8042758
6193	3-7919011	6253	3-7960884	6313	3-8002358	6373	3-8043439
6194	3-7919712	6254	3-7961579	6314	3-8003046	6374	3-8044121
6195	3-7920413	6255	3-7962273	6315	3-8003734	6375	3-8044802
6196	3-7921114	6256	3-7962967	6316	3-8004421	6376	3-8045483
6197	3-7921815	6257	3-7963662	6317	3-8005109	6377	3-8046164
6198	3-7922516	6258	3-7964356	6318	3-8005796	6378	3-8045845
6199	3-7923216	6259	3-7965050	6319	3-8006484	6379	3-8047526
6200	3-7923917	6260	3-7965743	6320	3-8007171	6380	3-8048207
6201	3-7924617	6261	3-7966437	6321	3-8007858	6381	3-8048887
6202	3-7925318	6262	3-7967131	6322	3-8008545	6382	3-8049568
6203	3-7926018	6263	3-7967824	6323	3-8009232	6383	3-8050248
6204	3-7926718	6264	3-7968517	6324	3-8009919	6384	3-8050929
6205	3-7927418	6265	3-7969211	6325	3-8010605	6385	3-8051609
6206	3-7928118	6266	3-7969904	6326	3-8011292	6386	3-8052289
6207	3-7928817	6267	3-7970597	6327	3-8011978	6387	3-8052969
6208	3-7929517	6268	3-7971290	6328	3-8012665	6388	3-8053649
6209	3-7930217	6269	3-7971983	6329	3-8013391	6389	3-8054329
6210	3-7930916	6270	3-7972675	6330	3-8014037	6390	3-8055009
6211	3-7931615	6271	3-7973368	6331	3-8014723	6391	3-8055688
6212	3-7932314	6272	3-7974060	6332	3-8015409	6392	3-8056368
6213	3-7933014	6273	3-7974753	6333	3-8016095	6393	3-8057047
6214	3-7933712	6274	3-7975445	6334	3-8016781	6394	3-8057726
6215	3-7934411	6275	3-7976137	6335	3-8017466	6395	3-8058405
6216	3-7935110	6276	3-7976829	6336	3-8018152	6396	3-8059085
6217	3-7935809	6277	3-7977521	6337	3-8018837	6397	3-8059763
6218	3-7936507	6278	3-7978213	6338	3-8019522	6398	3-8060442
6219	3-7937206	6279	3-7978905	6339	3-8020208	6399	3-8061121
6220	3-7937904	6280	3-7979596	6340	3-8020893	6400	3-8061800
6221	3-7938602	6281	3-7980288	6341	3-8021578	6401	3-8062478
6222	3-7939300	6282	3-7980979	6342	3-8022262	6402	3-8063157
6223	3-7939998	6283	3-7981671	6343	3-8022947	6403	3-8063835
6224	3-7940696	6284	3-7982362	6344	3-8023632	6404	3-8064513
6225	3-7941394	6285	3-7983053	6345	3-8024316	6405	3-8065191
6226	3-7942091	6286	3-7983744	6346	3-8025001	6406	3-8065869
6227	3-7942789	6287	3-7984435	6347	3-8025685	6407	3-8066547
6228	3-7943486	6288	3-7985125	6348	3-8026369	6408	3-8067225
6229	3-7944183	6289	3-7985816	6349	3-8027053	6409	3-8067903
6230	3-7944880	6290	3-7986506	6350	3-8027737	6410	3-8068580
6231	3-7945578	6291	3-7987197	6351	3-8028421	6411	3-8069258
6232	3-7946274	6292	3-7987887	6352	3-8029105	6412	3-8069935
6233	3-7946971	6293	3-7988577	6353	3-8029789	6413	3-8070612
6234	3-7947668	6294	3-7989267	6354	3-8030472	6414	3-8071290
6235	3-7948365	6295	3-7989957	6355	3-8031156	6415	3-8071967
6236	3-7949061	6296	3-7990647	6356	3-8031839	6416	3-8072644
6237	3-7949757	6297	3-7991337	6357	3-8032522	6417	3-8073320
6238	3-7950454	6298	3-7992027	6358	3-8033205	6418	3-8073997
6239	3-7951150	6299	3-7992716	6359	3-8033888	6419	3-8074674

N.	Logarith.	N.	Logarith.	N.	Logarith.	N.	Logarith.
6420	3-8075350	6480	3-8115750	6540	3-8155777	6600	3-8195439
6421	3-8076027	6481	3-8116420	6541	3-8156441	6601	3-8196097
6422	3-8076703	6482	3-8117090	6542	3-8157105	6602	3-8196755
6423	3-8077379	6483	3-8117760	6543	3-8157769	6603	3-8197413
6424	3-8078055	6484	3-8118430	6544	3-8158433	6604	3-8198071
6425	3-8078731	6485	3-8119100	6545	3-8159096	6605	3-8198728
6426	3-8079407	6486	3-8119769	6546	3-8159760	6606	3-8199386
6427	3-8080083	6487	3-8120439	6547	3-8160423	6607	3-8200043
6428	3-8080759	6488	3-8121108	6548	3-8161087	6608	3-8200700
6429	3-8081434	6489	3-8121778	6549	3-8161750	6609	3-8201358
6430	3-8082110	6490	3-8122447	6550	3-8162413	6610	3-8202015
6431	3-8082785	6491	3-8123116	6551	3-8163076	6611	3-8202672
6432	3-8083460	6492	3-8123785	6552	3-8163739	6612	3-8203328
6433	3-8084136	6493	3-8124454	6553	3-8164402	6613	3-8203985
6434	3-8084811	6494	3-8125123	6554	3-8165064	6614	3-8204642
6435	3-8085485	6495	3-8125792	6555	3-8165727	6615	3-8205298
6436	3-8086160	6496	3-8126460	6556	3-8166389	6616	3-8205955
6437	3-8086835	6497	3-8127129	6557	3-8167052	6617	3-8206611
6438	3-8087510	6498	3-8127797	6558	3-8167714	6618	3-8207268
6439	3-8088184	6499	3-8128465	6559	3-8168376	6619	3-8207924
6440	3-8088859	6500	3-8129134	6560	3-8169038	6620	3-8208580
6441	3-8089533	6501	3-8129802	6561	3-8169700	6621	3-8209236
6442	3-8090207	6502	3-8130470	6562	3-8170362	6622	3-8209892
6443	3-8090881	6503	3-8131138	6563	3-8171024	6623	3-8210548
6444	3-8091555	6504	3-8131805	6564	3-8171686	6624	3-8211203
6445	3-8092229	6505	3-8132473	6565	3-8172347	6625	3-8211859
6446	3-8092903	6506	3-8133141	6566	3-8173009	6626	3-8212514
6447	3-8093577	6507	3-8133808	6567	3-8173670	6627	3-8213170
6448	3-8094250	6508	3-8134475	6568	3-8174331	6628	3-8213825
6449	3-8094924	6509	3-8135143	6569	3-8174993	6629	3-8214480
6450	3-8095597	6510	3-8135810	6570	3-8175654	6630	3-8215135
6451	3-8096270	6511	3-8136477	6571	3-8176315	6631	3-8215790
6452	3-8096944	6512	3-8137144	6572	3-8176976	6632	3-8216445
6453	3-8097617	6513	3-8137811	6573	3-8177636	6633	3-8217100
6454	3-8098290	6514	3-8138478	6574	3-8178297	6634	3-8217755
6455	3-8098962	6515	3-8139144	6575	3-8178958	6635	3-8218409
6456	3-8099635	6516	3-8139811	6576	3-8179618	6636	3-8219064
6457	3-8100308	6517	3-8140477	6577	3-8180278	6637	3-8219718
6458	3-8100980	6518	3-8141144	6578	3-8180939	6638	3-8220372
6459	3-8101653	6519	3-8141810	6579	3-8181599	6639	3-8221027
6460	3-8102325	6520	3-8142476	6580	3-8182259	6640	3-8221681
6461	3-8102997	6521	3-8143142	6581	3-8182919	6641	3-8222335
6462	3-8103670	6522	3-8143808	6582	3-8183579	6642	3-8222989
6463	3-8104342	6523	3-8144474	6583	3-8184239	6643	3-8223643
6464	3-8105013	6524	3-8145140	6584	3-8184898	6644	3-8224296
6465	3-8105685	6525	3-8145805	6585	3-8185558	6645	3-8224950
6466	3-8106357	6526	3-8146471	6586	3-8186217	6646	3-8225603
6467	3-8107029	6527	3-8147136	6587	3-8186877	6647	3-8226257
6468	3-8107700	6528	3-8147801	6588	3-8187536	6648	3-8226910
6469	3-8108371	6529	3-8148467	6589	3-8188195	6649	3-8227563
6470	3-8109043	6530	3-8149132	6590	3-8188854	6650	3-8228216
6471	3-8109714	6531	3-8149797	6591	3-8189513	6651	3-8228869
6472	3-8110385	6532	3-8150462	6592	3-8190172	6652	3-8229522
6473	3-8111056	6533	3-8151127	6593	3-8190831	6653	3-8230175
6474	3-8111727	6534	3-8151791	6594	3-8191489	6654	3-8230828
6475	3-8112398	6535	3-8152456	6595	3-8192148	6655	3-8231481
6476	3-8113068	6536	3-8153120	6596	3-8192806	6656	3-8232133
6477	3-8113739	6537	3-8153785	6597	3-8193465	6657	3-8232786
6478	3-8114409	6538	3-8154449	6598	3-8194123	6658	3-8233438
6479	3-8115080	6539	3-8155113	6599	3-8194781	6659	3-8234090

N.	Logarith.	N.	Logarith.	N.	Logarith.	N.	Logarith.
6660	3-8234742	6720	3-8273693	6780	3-8312297	6840	3-8350561
6661	3-8235394	6721	3-8274339	6781	3-8312937	6841	3-8351196
6662	3-8236046	6722	3-8274985	6782	3-8313578	6842	3-8351831
6663	3-8236698	6723	3-8275631	6783	3-8314218	6843	3-8352465
6664	3-8237350	6724	3-8276277	6784	3-8314858	6844	3-8353100
6665	3-8238002	6725	3-8276923	6785	3-8315499	6845	3-8353735
6666	3-8238653	6726	3-8277569	6786	3-8316139	6846	3-8354369
6667	3-8239305	6727	3-8278214	6787	3-8316778	6847	3-8355003
6668	3-8239956	6728	3-8278860	6788	3-8317418	6848	3-8355638
6669	3-8240607	6729	3-8279505	6789	3-8318058	6849	3-8356272
6670	3-8241258	6730	3-8280151	6790	3-8318698	6850	3-8356906
6671	3-8241909	6731	3-8280796	6791	3-8319337	6851	3-8357540
6672	3-8242560	6732	3-8281441	6792	3-8319977	6852	3-8358174
6673	3-8243211	6733	3-8282086	6793	3-8320616	6853	3-8358807
6674	3-8243862	6734	3-8282731	6794	3-8321255	6854	3-8359441
6675	3-8244513	6735	3-8283376	6795	3-8321895	6855	3-8360075
6676	3-8245163	6736	3-8284021	6796	3-8322534	6856	3-8360708
6677	3-8245814	6737	3-8284665	6797	3-8323173	6857	3-8361341
6678	3-8246464	6738	3-8285310	6798	3-8323812	6858	3-8361975
6679	3-8247114	6739	3-8285955	6799	3-8324450	6859	3-8362608
6680	3-8247765	6740	3-8286599	6800	3-8325089	6860	3-8363241
6681	3-8248415	6741	3-8287243	6801	3-8325728	6861	3-8363874
6682	3-8249065	6742	3-8287887	6802	3-8326366	6862	3-8364507
6683	3-8249715	6743	3-8288532	6803	3-8327005	6863	3-8365140
6684	3-8250364	6744	3-8289176	6804	3-8327643	6864	3-8365773
6685	3-8251014	6745	3-8289820	6805	3-8328281	6865	3-8366405
6686	3-8251664	6746	3-8290463	6806	3-8328919	6866	3-8367038
6687	3-8252313	6747	3-8291107	6807	3-8329558	6867	3-8367670
6688	3-8252963	6748	3-8291751	6808	3-8330195	6868	3-8368303
6689	3-8253612	6749	3-8292394	6809	3-8330833	6869	3-8368935
6690	3-8254261	6750	3-8293038	6810	3-8331471	6870	3-8369567
6691	3-8254910	6751	3-8293681	6811	3-8332109	6871	3-8370199
6692	3-8255559	6752	3-8294324	6812	3-8332746	6872	3-8370832
6693	3-8256208	6753	3-8294967	6813	3-8333384	6873	3-8371463
6694	3-8256857	6754	3-8295611	6814	3-8334021	6874	3-8372095
6695	3-8257506	6755	3-8296254	6815	3-8334659	6875	3-8372727
6696	3-8258154	6756	3-8296896	6816	3-8335296	6876	3-8373359
6697	3-8258803	6757	3-8297539	6817	3-8335933	6877	3-8373990
6698	3-8259451	6758	3-8298182	6818	3-8336570	6878	3-8374622
6699	3-8260100	6759	3-8298824	6819	3-8337207	6879	3-8375253
6700	3-8260748	6760	3-8299467	6820	3-8337844	6880	3-8375884
6701	3-8261396	6761	3-8300109	6821	3-8338480	6881	3-8376516
6702	3-8262044	6762	3-8300752	6822	3-8339117	6882	3-8377147
6703	3-8262692	6763	3-8301394	6823	3-8339754	6883	3-8377778
6704	3-8263340	6764	3-8302036	6824	3-8340390	6884	3-8378409
6705	3-8263988	6765	3-8302678	6825	3-8341027	6885	3-8379039
6706	3-8264635	6766	3-8303320	6826	3-8341663	6886	3-8379670
6707	3-8265283	6767	3-8303962	6827	3-8342299	6887	3-8380301
6708	3-8265931	6768	3-8304603	6828	3-8342935	6888	3-8380931
6709	3-8266578	6769	3-8305245	6829	3-8343571	6889	3-8381562
6710	3-8267225	6770	3-8305887	6830	3-8344207	6890	3-8382192
6711	3-8267872	6771	3-8306528	6831	3-8344843	6891	3-8382822
6712	3-8268519	6772	3-8307169	6832	3-8345479	6892	3-8383453
6713	3-8269166	6773	3-8307811	6833	3-8346114	6893	3-8384083
6714	3-8269813	6774	3-8308452	6834	3-8346750	6894	3-8384713
6715	3-8270460	6775	3-8309093	6835	3-8347385	6895	3-8385343
6716	3-8271107	6776	3-8309734	6836	3-8348021	6896	3-8385973
6717	3-8271753	6777	3-8310375	6837	3-8348656	6897	3-8386602
6718	3-8272400	6778	3-8311016	6838	3-8349291	6898	3-8387232
6719	3-8273046	6779	3-8311656	6839	3-8349926	6899	3-8387861

N.	Logarith.	N.	Logarith.	N.	Logarith.	N.	Logarith.
6900	3-8388491	6960	3-8426092	7020	3-8463371	7080	3-8500333
6901	3-8389120	6961	3-8426716	7021	3-8463990	7081	3-8500946
6902	3-8389750	6962	3-8427340	7022	3-8464608	7082	3-8501559
6903	3-8390379	6963	3-8427964	7023	3-8465227	7083	3-8502172
6904	3-8391008	6964	3-8428588	7024	3-8465845	7084	3-8502786
6905	3-8391637	6965	3-8429211	7025	3-8466463	7085	3-8503399
6906	3-8392266	6966	3-8429835	7026	3-8467081	7086	3-8504011
6907	3-8392895	6967	3-8430458	7027	3-8467700	7087	3-8504624
6908	3-8393523	6968	3-8431081	7028	3-8468318	7088	3-8505237
6909	3-8394152	6969	3-8431705	7029	3-8468935	7089	3-8505850
6910	3-8394780	6970	3-8432328	7030	3-8469553	7090	3-8506462
6911	3-8395409	6971	3-8432951	7031	3-8470171	7091	3-8507075
6912	3-8396037	6972	3-8433574	7032	3-8470789	7092	3-8507687
6913	3-8396666	6973	3-8434197	7033	3-8471406	7093	3-8508300
6914	3-8397294	6974	3-8434819	7034	3-8472024	7094	3-8508912
6915	3-8397922	6975	3-8435442	7035	3-8472641	7095	3-8509524
6916	3-8398550	6976	3-8436065	7036	3-8473258	7096	3-8510136
6917	3-8399178	6977	3-8436687	7037	3-8473876	7097	3-8510748
6918	3-8399806	6978	3-8437310	7038	3-8474493	7098	3-8511360
6919	3-8400433	6979	3-8437932	7039	3-8475110	7099	3-8511972
6920	3-8401061	6980	3-8438554	7040	3-8475727	7100	3-8512583
6921	3-8401688	6981	3-8439176	7041	3-8476343	7101	3-8513195
6922	3-8402316	6982	3-8439798	7042	3-8476960	7102	3-8513807
6923	3-8402943	6983	3-8440420	7043	3-8477577	7103	3-8514418
6924	3-8403571	6984	3-8441042	7044	3-8478193	7104	3-8515030
6925	3-8404198	6985	3-8441664	7045	3-8478810	7105	3-8515641
6929	3-8404825	6986	3-8442286	7046	3-8479426	7106	3-8516252
6927	3-8405452	6987	3-8442907	7047	3-8480043	7107	3-8516863
6928	3-8406079	6988	3-8443529	7048	3-8480659	7108	3-8517474
6929	3-8406706	6989	3-8444150	7049	3-8481275	7109	3-8518085
6930	3-8407332	6990	3-8444772	7050	3-8481891	7110	3-8518696
6931	3-8407959	6991	3-8445393	7051	3-8482507	7111	3-8519307
6932	3-8408586	6992	3-8446014	7052	3-8483123	7112	3-8519917
6933	3-8409212	6993	3-8446635	7053	3-8483739	7113	3-8520528
6934	3-8409838	6994	3-8447256	7054	3-8484355	7114	3-8521139
6935	3-8410465	6995	3-8447877	7055	3-8484970	7115	3-8521749
6936	3-8411091	6996	3-8448498	7056	3-8485586	7116	3-8522359
6937	3-8411717	6997	3-8449119	7057	3-8486201	7117	3-8522970
6938	3-8412343	6998	3-8449739	7058	3-8486817	7118	3-8523580
6939	3-8412969	6999	3-8450360	7059	3-8487432	7119	3-8524190
6940	3-8413595	7000	3-8450980	7060	3-8488047	7120	3-8524800
6941	3-8414220	7001	3-8451601	7061	3-8488662	7121	3-8525410
6942	3-8414846	7002	3-8452221	7062	3-8489277	7122	3-8526020
6943	3-8415472	7003	3-8452841	7063	3-8489892	7123	3-8526629
6944	3-8416097	7004	3-8453461	7064	3-8490507	7124	3-8527239
6945	3-8416722	7005	3-8454081	7065	3-8491122	7125	3-8527849
6946	3-8417348	7006	3-8454701	7066	3-8491736	7126	3-8528458
6947	3-8417973	7007	3-8455321	7067	3-8492351	7127	3-8529068
6948	3-8418598	7008	3-8455941	7068	3-8492965	7128	3-8529677
6949	3-8419223	7009	3-8456561	7069	3-8493580	7129	3-8530286
6950	3-8419848	7010	3-8457180	7070	3-8494194	7130	3-8530895
6951	3-8420473	7011	3-8457800	7071	3-8494808	7131	3-8531504
6952	3-8421098	7012	3-8458419	7072	3-8495423	7132	3-8532113
6953	3-8421722	7013	3-8459038	7073	3-8496037	7133	3-8532722
6954	3-8422347	7014	3-8459658	7074	3-8496651	7134	3-8533331
6955	3-8422971	7015	3-8460277	7075	3-8497264	7135	3-8533940
6956	3-8423596	7016	3-8460896	7076	3-8497878	7136	3-8534548
6957	3-8424220	7017	3-8461515	7077	3-8498492	7137	3-8535157
6958	3-8424844	7018	3-8462134	7078	3-8499106	7138	3-8535765
6959	3-8425468	7019	3-8462752	7079	3-8499719	7139	3-8536374

N.	Logarith.	N.	Logarith.	N.	Logarith.	N.	Logarith.
7140	3-8536982	7200	3-8573325	7260	3-8609366	7320	3-8645111
7141	3-8537590	7201	3-8573928	7261	3-8609964	7321	3-8645704
7142	3-8538198	7202	3-8574531	7262	3-8610562	7322	3-8646297
7143	3-8538806	7203	3-8575134	7263	3-8611160	7323	3-8646890
7144	3-8539414	7204	3-8575737	7264	3-8611758	7324	3-8647483
7145	3-8540022	7205	3-8576340	7265	3-8612356	7325	3-8648076
7146	3-8540630	7206	3-8576943	7266	3-8612954	7326	3-8648669
7147	3-8541238	7207	3-8577545	7267	3-8613552	7327	3-8649262
7148	3-8541845	7208	3-8578148	7268	3-8614149	7328	3-8649855
7149	3-8542453	7209	3-8578750	7269	3-8614747	7329	3-8650447
7150	3-8543060	7210	3-8579353	7270	3-8615344	7330	3-8651040
7151	3-8543668	7211	3-8579955	7271	3-8615941	7331	3-8651632
7152	3-8544275	7212	3-8580557	7272	3-8616539	7332	3-8652225
7153	3-8544882	7213	3-8581159	7273	3-8617136	7333	3-8652817
7154	3-8545489	7214	3-8581761	7274	3-8617733	7334	3-8653409
7155	3-8546096	7215	3-8582363	7275	3-8618330	7335	3-8654001
7156	3-8546703	7216	3-8582965	7276	3-8618927	7336	3-8654593
7157	3-8547310	7217	3-8583567	7277	3-8619524	7337	3-8655185
7158	3-8547917	7218	3-8584169	7278	3-8620120	7338	3-8655777
7159	3-8548524	7219	3-8584770	7279	3-8620717	7339	3-8656369
7160	3-8549130	7220	3-8585372	7280	3-8621314	7340	3-8656961
7161	3-8549737	7221	3-8585973	7281	3-8621910	7341	3-8657552
7162	3-8550343	7222	3-8586575	7282	3-8622507	7342	3-8658144
7163	3-8550949	7223	3-8587176	7283	3-8623103	7343	3-8658735
7164	3-8551556	7224	3-8587777	7284	3-8623699	7344	3-8659327
7165	3-8552162	7225	3-8588379	7285	3-8624296	7345	3-8659918
7166	3-8552768	7226	3-8588980	7286	3-8624892	7346	3-8660509
7167	3-8553374	7227	3-8589581	7287	3-8625488	7347	3-8661100
7168	3-8553980	7228	3-8590181	7288	3-8626084	7348	3-8661691
7169	3-8554586	7229	3-8590782	7289	3-8626679	7349	3-8662282
7170	3-8555192	7230	3-8591383	7290	3-8627275	7350	3-8662873
7171	3-8555797	7231	3-8591984	7291	3-8627871	7351	3-8663464
7172	3-8556403	7232	3-8592584	7292	3-8628467	7352	3-8664055
7173	3-8557008	7233	3-8593185	7293	3-8629062	7353	3-8664646
7174	3-8557614	7234	3-8593785	7294	3-8629658	7354	3-8665236
7175	3-8558219	7235	3-8594385	7295	3-8630253	7355	3-8665827
7176	3-8558824	7236	3-8594986	7296	3-8630848	7356	3-8666417
7177	3-8559429	7237	3-8595586	7297	3-8631443	7357	3-8667008
7178	3-8560035	7238	3-8596186	7298	3-8632039	7358	3-8667598
7179	3-8560640	7239	3-8596786	7299	3-8632634	7359	3-8668188
7180	3-8561244	7240	3-8597386	7300	3-8633229	7360	3-8668778
7181	3-8561849	7241	3-8597985	7301	3-8633823	7361	3-8669368
7182	3-8562454	7242	3-8598585	7302	3-8634418	7362	3-8669958
7183	3-8563059	7243	3-8599185	7303	3-8635013	7363	3-8670548
7184	3-8563663	7244	3-8599784	7304	3-8635608	7364	3-8671138
7185	3-8564268	7245	3-8600384	7305	3-8636202	7365	3-8671728
7186	3-8564872	7246	3-8600983	7306	3-8636797	7366	3-8672317
7187	3-8565476	7247	3-8601583	7307	3-8637391	7367	3-8672907
7188	3-8566081	7248	3-8602182	7308	3-8637985	7368	3-8673496
7189	3-8566685	7249	3-8602781	7309	3-8638580	7369	3-8674086
7190	3-8567289	7250	3-8603380	7310	3-8639174	7370	3-8674675
7191	3-8567893	7251	3-8603979	7311	3-8639768	7371	3-8675264
7192	3-8568497	7252	3-8604578	7312	3-8640362	7372	3-8675853
7193	3-8569101	7253	3-8605177	7313	3-8640956	7373	3-8676442
7194	3-8569704	7254	3-8605776	7314	3-8641550	7374	3-8677031
7195	3-8570308	7255	3-8606374	7315	3-8642143	7375	3-8677620
7196	3-8570912	7256	3-8606973	7316	3-8642737	7376	3-8678209
7197	3-8571515	7257	3-8607571	7317	3-8643331	7377	3-8678798
7198	3-8572118	7258	3-8608170	7318	3-8643924	7378	3-8679387
7199	3-8572722	7259	3-8608768	7319	3-8644517	7379	3-8679975

N.	Logarith.	N.	Logarith.	N.	Logarith.	N.	Logarith.
7380	3-8680564	7440	3-8715729	7500	3-8750613	7560	3-8785218
7381	3-8681152	7441	3-8716313	7501	3-8751192	7561	3-8785792
7382	3-8681740	7442	3-8716897	7502	3-8751771	7562	3-8786367
7383	3-8682329	7443	3-8717480	7503	3-8752349	7563	3-8786941
7384	3-8682917	7444	3-8718064	7504	3-8752928	7564	3-8787515
7385	3-8683505	7445	3-8718647	7505	3-8753507	7565	3-8788089
7386	3-8684093	7446	3-8719230	7506	3-8754086	7566	3-8788663
7387	3-8684681	7447	3-8719814	7507	3-8754664	7567	3-8789237
7388	3-8685269	7448	3-8720397	7508	3-8755243	7568	3-8789811
7389	3-8685857	7449	3-8720980	7509	3-8755821	7569	3-8790385
7390	3-8686444	7450	3-8721563	7510	3-8756399	7570	3-8790959
7391	3-8687032	7451	3-8722146	7511	3-8756978	7571	3-8791532
7392	3-8687620	7452	3-8722728	7512	3-8757556	7572	3-8792106
7393	3-8688207	7453	3-8723311	7513	3-8758134	7573	3-8792680
7394	3-8688794	7454	3-8723894	7514	3-8758712	7574	3-8793253
7395	3-8689382	7455	3-8724476	7515	3-8759290	7575	3-8793826
7396	3-8689969	7456	3-8725059	7516	3-8759868	7576	3-8794400
7397	3-8690556	7457	3-8725641	7517	3-8760445	7577	3-8794973
7398	3-8691143	7458	3-8726224	7518	3-8761023	7578	3-8795546
7399	3-8691730	7459	3-8726806	7519	3-8761601	7579	3-8796119
7400	3-8692317	7460	3-8727388	7520	3-8762178	7580	3-8796692
7401	3-8692904	7461	3-8727970	7521	3-8762756	7581	3-8797265
7402	3-8693491	7462	3-8728552	7522	3-8763333	7582	3-8797838
7403	3-8694077	7463	3-8729134	7523	3-8763911	7583	3-8798411
7404	3-8694664	7464	3-8729716	7524	3-8764488	7584	3-8798983
7405	3-8695251	7465	3-8730298	7525	3-8765065	7585	3-8799556
7406	3-8695837	7466	3-8730880	7526	3-8765642	7586	3-8800128
7407	3-8696423	7467	3-8731461	7527	3-8766219	7587	3-8800701
7408	3-8697010	7468	3-8732043	7528	3-8766796	7588	3-8801273
7409	3-8697596	7469	3-8732625	7529	3-8767373	7589	3-8801846
7410	3-8698182	7470	3-8733206	7530	3-8767950	7590	3-8802418
7411	3-8698768	7471	3-8733787	7531	3-8768526	7591	3-8802990
7412	3-8699354	7472	3-8734369	7532	3-8769103	7592	3-8803562
7413	3-8699940	7473	3-8734950	7533	3-8769680	7593	3-8804134
7414	3-8700526	7474	3-8735531	7534	3-8770256	7594	3-8804706
7415	3-8701112	7475	3-8736112	7535	3-8770833	7595	3-8805278
7416	3-8701697	7476	3-8736693	7536	3-8771409	7596	3-8805850
7417	3-8702283	7477	3-8737274	7537	3-8771985	7397	3-8806421
7418	3-8702868	7478	3-8737855	7538	3-8772561	7598	3-8806993
7419	3-8703454	7479	3-8738435	7539	3-8773137	7599	3-8807564
7420	3-8704039	7480	3-8739016	7540	3-8773713	7600	3-8808136
7421	3-8704624	7481	3-8739597	7541	3-8774289	7601	3-8808707
7422	3-8705209	7482	3-8740177	7542	3-8774865	7602	3-8809279
7423	3-8705795	7483	3-8740757	7543	3-8775441	7603	3-8809850
7424	3-8706380	7484	3-8741338	7544	3-8776017	7604	3-8810421
7425	3-8706965	7485	3-8741918	7545	3-8776592	7605	3-8810992
7426	3-8707549	7486	3-8742498	7546	3-8777168	7606	3-8811563
7427	3-8708134	7487	3-8743078	7547	3-8777743	7607	3-8812134
7428	3-8708719	7488	3-8743658	7548	3-8778319	7608	3-8812705
7429	3-8719304	7489	3-8744238	7549	3-8778894	7609	3-8813276
7430	3-8709888	7490	3-8744918	7550	3-8779469	7610	3-8813847
7431	3-8710473	7491	3-8745398	7551	3-8780045	7611	3-8814417
7432	3-8711057	7492	3-8745978	7552	3-8780620	7612	3-8814988
7433	3-8711641	7493	3-8746557	7553	3-8781195	7613	3-8815558
7434	3-8712226	7494	3-8747137	7554	3-8781770	7614	3-8816129
7435	3-8712810	7495	3-8747716	7555	3-8782345	7615	3-8816699
7436	3-8713394	7496	3-8748296	7556	3-8782919	7616	3-8817269
7437	3-8713978	7497	3-8748875	7557	3-8783494	7617	3-8817840
7438	3-8714562	7498	3-8749454	7558	3-8784069	7618	3-8818410
7439	3-8715146	7499	3-8750034	7559	3-8784643	7619	3-8818980

N.	Logarith.	N.	Logarith.	N.	Logarith.	N.	Logarith.
7620	3-8819550	7680	3-8853612	7740	3-8887410	7800	3-8920946
7621	3-8820120	7681	3-8854178	7741	3-8887971	7801	3-8921503
7622	3-8820689	7682	3-8854743	7742	3-8888532	7802	3-8922059
7623	3-8821259	7683	3-8855308	7743	3-8888093	7803	3-8922616
7624	3-8821829	7684	3-8855874	7744	3-8889653	7804	3-8923173
7625	3-8822398	7685	3-8856439	7745	3-8890214	7805	3-8923729
7626	3-8822968	7686	3-8857004	7746	3-8890775	7806	3-8924285
7627	3-8823537	7687	3-8857569	7747	3-8891336	7807	3-8924842
7628	3-8824107	7688	3-8858134	7748	3-8891896	7808	3-8925398
7629	3-8824676	7689	3-8858699	7749	3-8892457	7809	3-8925954
7630	3-8825245	7690	3-8859263	7750	3-8893017	7810	3-8926510
7631	3-8825815	7691	3-8859828	7751	3-8893577	7811	3-8927066
7632	3-8826384	7692	3-8860393	7752	3-8894138	7812	3-8927622
7633	3-8826953	7693	3-8860957	7753	3-8894698	7813	3-8928178
7634	3-8827522	7694	3-8861522	7754	3-8895258	7814	3-8928734
7635	3-8828090	7695	3-8862086	7755	3-8895818	7815	3-8929290
7636	3-8828659	7696	3-8862651	7756	3-8896378	7816	3-8929846
7637	3-8829228	7697	3-8863215	7757	3-8896938	7817	3-8930401
7638	3-8829797	7698	3-8863779	7758	3-8897498	7818	3-8930957
7639	3-8830365	7699	3-8864343	7759	2-8898058	7819	3-8931512
7640	3-8830934	7700	3-8864907	7760	3-8898617	7820	3-8932068
7641	3-8831502	7701	3-8865471	7761	3-8899177	7821	3-8932623
7642	3-8832070	7702	3-8866035	7762	3-8899736	7822	3-8933178
7643	3-8832639	7703	3-8866599	7763	3-8900296	7823	3-8933733
7644	3-8833207	7704	3-8867163	7764	3-8900855	7824	3-8934288
7645	3-8833775	7705	3-8867726	7765	3-8901415	7825	3-8934843
7646	3-8834343	7706	3-8868290	7766	3-8901974	7826	3-8935398
7647	3-8834911	7707	3 8868854	7767	3-8902533	7827	3-8935953
7648	3-8835479	7708	3-8869417	7768	3-8903092	7828	3-8936508
7649	3-8836047	7709	3-8869980	7769	3-8903651	7829	3-8937063
7650	3-8836614	7710	3-8870544	7770	3-8904210	7830	3-8937618
7651	3-8837182	7711	3-8871107	7771	3-8904769	7831	3-8938172
7652	3-8837750	7712	3-8871670	7772	3-8905328	7832	3-8938727
7653	3-8838317	7713	3-8872233	7773	3-8905887	7833	3-8939281
7654	3-8838885	7714	3-8872796	7774	3-8906445	7834	3-8939836
7655	3-8839452	7715	3-8873359	7775	3-8907004	7835	3-8940390
7656	3-8840019	7716	3-8873922	7776	3-8907563	7836	3-8940944
7657	3-8840586	7717	3-8874485	7777	3-8908121	7837	3-8941498
7658	3-8841154	7718	3-8875048	7778	3-8908679	7838	3-8942053
7659	3-8841721	7719	3-8875610	7779	3-8909238	7839	3-8942607
7660	3-8842288	7720	3-8876173	7780	3-8909796	7840	3-8943161
7661	3-8842855	7721	3-8876736	7781	3-8910354	7841	3-8943715
7662	3-8843421	7722	3-8877298	7782	3-8910912	7842	3-8944268
7663	3-8843988	7723	3-8877860	7783	3-8911470	7843	3-8944822
7664	3-8844555	7724	3-8878423	7784	3-8912028	7844	3-8945376
7665	3-8845122	7725	3-8878985	7785	3-8912586	7845	3-8945929
7666	3-8845688	7726	3-8879547	7786	3-8913144	7846	3-8946483
7667	3-8846255	7727	3-8880109	7787	3-8913702	7847	3-8947037
7668	3-8846821	7728	3-8880671	7788	3-8914259	7848	3-8947590
7669	3-8847387	7729	3-8881233	7789	3-8914817	7849	3-8948143
7670	3-8847954	7730	3-8881795	7790	3-8915375	7850	3-8948697
7671	3-8848520	7731	3-8882357	7791	3-8915932	7851	3-8949250
7672	3-8849086	7732	3-8882918	7792	3-8916489	7852	3-8949803
7673	3-8849652	7733	3-8883480	7793	3-8917047	7853	3-8950356
7674	3-8850218	7734	3-8884042	7794	3-8917604	7854	3-8950909
7675	3-8850784	7735	3-8884603	7795	3-8918161	7855	3-8951462
7676	3-8851350	7736	3-8885165	7796	3-8918718	7856	3-8952015
7677	3-8851915	7737	3-8885726	7797	3-8919275	7857	3-8952568
7678	3-8852481	7738	3-8886287	7798	3-8919832	7858	3-8953120
7679	3-8853047	7739	3-8886848	7799	3-8920389	7859	3-8953673

N.	Logarith.	N.	Logarith.	N.	Logarith.	N.	Logarith.
7860	3-8954225	7920	3-8987252	7980	3-9020029	8040	3-9052560
7861	3-8954778	7921	3-8987800	7981	3-9020573	8041	3-9053101
7862	3-8955330	7922	3-8988348	7982	3-9021117	8042	3-9053641
7863	3-8955883	7923	3-8988897	7983	3-9021661	8043	3-9054181
7864	3-8956435	7924	3-8989445	7984	3-9022205	8044	3-9054721
7865	3-8956987	7925	3-8989993	7985	3-9022749	8045	3-9055260
7866	3-8957539	7926	3-8990541	7986	3-9023293	8046	3-9055800
7867	3-8958092	7927	3-8991089	7987	3-9023837	8047	3-9056340
7868	3-8958644	7928	3-8991636	7988	3-9024381	8048	3-9056880
7869	3-8959195	7929	3-8992184	7989	3-9024924	8049	3-9057419
7870	3-8959747	7930	3-8992732	7990	3-9025468	8050	3-9057959
7871	3-8960299	7931	3-8993279	7991	3-9026011	8051	3-9058498
7872	3-8960851	7932	3-8993827	7992	3-9026555	8052	3-9059038
7873	3-8961403	7933	3-8994375	7993	3-9027098	8053	3-9059577
7874	3-8961954	7934	3-8994922	7994	3-9027641	8054	3-9060116
7875	3-8962506	7935	3-8995469	7995	3-9028185	8055	3-9060655
7876	3-8963057	7936	3-8996017	7996	3-9028728	8056	3-9061195
7877	3-8963608	7937	3-8996564	7997	3-9029271	8057	3-9061734
7878	3-8964160	7938	3-8997111	7998	3-9029814	8058	3-9062273
7879	3-8964711	7939	3-8997658	7999	3-9030357	8059	3-9062812
7880	3-8965262	7940	3-8998205	8000	3-9030900	8060	3-9063350
7881	3-8965813	7941	3-8998752	8001	3-9031443	8061	3-9063889
7882	3-8966364	7942	3-8999299	8002	3-9031985	8062	3-9064428
7883	3-8966915	7943	3-8999846	8003	3-9032528	8063	3-9064967
7884	3-8967466	7944	3-9000392	8004	3-9033071	8064	3-9065505
7885	3-8968017	7945	3-9000939	8005	3-9033613	8065	3-9066044
7886	3-8968568	7946	3-9001486	8006	3-9034156	8066	3-9066582
7887	3-8969118	7947	3-9002032	8007	3-9034698	8067	3-9067121
7888	3-8969669	7948	3-9002579	8008	3-9035241	8068	3-9067659
7889	3-8970220	7949	3-9003125	8009	3-9035783	8069	3-9068197
7890	3-8970770	7950	3-9003671	8010	3-9036325	8070	3-9068735
7891	3-8971320	7951	3-9004218	8011	3-9036867	8071	3-9069273
7892	3-8971871	7952	3-9004764	8012	3-9037409	8072	3-9069812
7893	3-8972421	7953	3-9005310	8013	3-9037951	8073	3-9070350
7894	3-8972971	7954	3-9005856	8014	3-9038493	8074	3-9070887
7895	3-8973521	7955	3-9006402	8015	3-9039035	8075	3-9071425
7896	3-8974071	7956	3-9006948	8016	3-9039577	8076	3-9071963
7897	3-8974621	7957	3-9007494	8017	3-9040119	8077	3-9072501
7898	3-8975171	7958	3-9008039	8018	3-9040661	8078	3-9073038
7899	3-8975771	7959	3-9008585	8019	3-9041202	8079	3-9073576
7900	3-8976271	7960	3-9009131	8020	3-9041744	8080	3-9074114
7901	3-8976821	7961	3-9009676	8021	3-9042285	8081	3-9074651
7902	3-8977370	7962	3-9010222	8022	3-9042827	8082	3-9075188
7903	3-8977920	7963	3-9010767	8023	3-9043368	8083	3-9075726
7904	3-8978469	7964	3-9011313	8024	3-9043909	8084	3-9076263
7905	3-8979019	7965	3-9011858	8025	3-9044450	8085	3-9076800
7906	3-8979568	7966	3-9012403	8026	3-9044992	8086	3-9077337
7907	3-8980117	7967	3-9012948	8027	3-9045533	8087	3-9077874
7908	3-8980667	7968	3-9013493	8028	3-9046074	8088	3-9078411
7909	3-8981216	7969	3-9014038	8029	3-9046615	8089	3-9078948
7910	3-8981765	7970	3-9014583	8030	3-9047155	8090	3-9079485
7911	3-8982314	7971	3-9015128	8031	3-9047696	8091	3-9080022
7912	3-8982863	7972	3-9015673	8032	3-9048237	8092	3-9080559
7913	3-8983412	7973	3-9016218	8033	3-9048778	8093	3-9081095
7914	3-8983960	7974	3-9016762	8034	3-9049318	8094	3-9081632
7915	3-8984509	7975	3-9017307	8035	3-9049859	8095	3-9082169
7916	3-8985058	7976	3-9017851	8036	3-9050399	8096	3-9082705
7917	3-8985606	7977	3-9018396	8037	3-9050940	8097	3-9083241
7918	3-8986155	7978	3-9018940	8038	3-9051480	8098	3-9083778
7919	3-8986703	7979	3-9019485	8039	3-9052020	8099	3-9084314

N.	Logarith.	N.	Logarith.	N.	Logarith.	N.	Logarith.
8100	3-9084850	8160	3-9116902	8220	3-9148718	8280	3-9180303
8101	3-9085386	8161	3-9117434	8221	3-9149246	8281	3-9180828
8102	3-9085922	8162	3-9117966	8222	3-9149775	8282	3-9181352
8103	3-9086458	8163	3-9118498	8223	3-9150303	8283	3-9181877
8104	3-9086994	8164	3-9119030	8224	3-9150831	8284	3-9182401
8105	3-9087530	8165	3-9119562	8225	3-9151359	8285	3-9182925
8106	3-9088066	8166	3-9120094	8226	3-9151887	8286	3-9183449
8107	3-9088602	8167	3-9120626	8227	3-9152415	8287	3-9183973
8108	3-9089137	8168	3-9121157	8228	3-9152943	8288	3-9184497
8109	3-9089673	8169	3-9121689	8229	3-9153471	8289	3-9185021
8110	3-9090209	8170	3-9122221	8230	3-9153998	8290	3-9185545
8111	3-9090744	8171	3-9122752	8231	3-9154526	8291	3-9186069
8112	3-9091279	8172	3-9123234	8232	3-9155054	8292	3-9186593
8113	3-9091815	8173	3-9123815	8233	3-9155581	8293	3-9187117
8114	3-9092350	8174	3-9124346	8234	3-9156109	8294	3-9187640
8115	3-9092885	8175	3-9124878	8235	3-9156636	8295	3-9188164
8116	3-9093420	8176	3-9125409	8236	3-9157163	8296	3-9188687
8117	3-9093955	8177	3-9125940	8237	3-9157691	8297	3-9189211
8118	3-9094490	8178	3-9126471	8238	3-9158218	8298	3-9189734
8119	3-9095025	8179	3-9127002	8239	3-9158745	8299	3-9190258
8120	3-9095560	8180	3-9127533	8240	3-9159272	8300	3-9190781
8121	3-9096095	8181	3-9128064	8241	3-9159799	8301	3-9191304
8122	3-9096630	8182	3-9128595	8242	3-9160326	8302	3-9191827
8123	3-9097165	8183	3-9129126	8243	3-9160853	8303	3-9192350
8124	3-9097699	8184	3-9129656	8244	3-9161380	8304	3-9192873
8125	3-9098234	8185	3-9130187	8245	3-9161907	8305	3-9193396
8126	3-9098768	8186	3-9130717	8246	3-9162433	8306	3-9193919
8127	3-9099303	8187	3-9131248	8247	3-9162960	8307	3-9194442
8128	3-9099837	8188	3-9131778	8248	3-9163487	8308	3-9194965
8129	3-9100371	8189	3-9132309	8249	3-9164013	8309	3-9195488
8130	3-9100905	8190	3-9132839	8250	3-9164539	8310	3-9196010
8131	3-9101440	8191	3-9133369	8251	3-9165066	8311	3-9196533
8132	3-9101974	8192	3-9133899	8252	3-9165592	8312	3-9197055
8133	3-9102508	8193	3-9134430	8253	3-9166118	8313	3-9197578
8134	3-9103042	8194	3-9134960	8254	3-9166645	8314	3-9198100
8135	3-9103576	8195	3-9135490	8255	3-9167171	8315	3-9198623
8136	3-9104109	8196	3-9136019	8256	3-9167697	8316	3-9199145
8137	3-9104643	8197	3-9136549	8257	3-9168223	8317	3-9199667
8138	3-9105177	8198	3-9137079	8258	3-9168749	8318	3-9200189
8139	3-9105710	8199	3-9137609	8259	3-9169275	8319	3-9200711
8140	3-9106244	8200	3-9138139	8260	3-9169800	8320	3-9201233
8141	3-9106778	8201	3-9138668	8261	3-9170326	8321	3-9201755
8142	3-9107311	8202	3-9139198	8262	3-9170852	8322	3-9202277
8143	3-9107844	8203	3-9139727	8263	3-9171378	8323	3-9202799
8144	3-9108378	8204	3-9140256	8264	3-9171903	8324	3-9203321
8145	3-9108911	8205	3-9140786	8265	3-9172429	8325	3-9203842
8146	3-9109444	8206	3-9141315	8266	3-9172954	8326	3-9204364
8147	3-9109977	8207	3-9141844	8267	3-9173479	8327	3-9204886
8148	3-9110510	8208	3-9142373	8268	3-9174005	8328	3-9205407
8149	3-9111044	8209	3-9142903	8269	3-9174530	8329	3-9205929
8150	3-9111576	8210	3-9143432	8270	3-9175055	8330	3-9206450
8151	3-9112109	8211	3-9143961	8271	3-9175580	8331	3-9206971
8152	3-9112642	8212	3-9144489	8272	3-9176105	8332	3-9207493
8153	3-9113174	8213	3-9145018	8273	3-9176630	8333	3-9208014
8154	3-9113707	8214	3-9145547	8274	3-9177155	8334	3-9208535
8155	3-9114240	8215	3-9146076	8275	3-9177680	8335	3-9209056
8156	3-9114772	8216	3-9146604	8276	3-9178205	8336	3-9209577
8157	3-9115305	8217	3-9147133	8277	3-9178730	8337	3-9210098
8158	3-9115837	8218	3-9147661	8378	3-9179254	8338	3-9210619
8159	3-9116369	8219	3-9148190	8279	3-9179779	8339	3-9211140

N.	Logarith.	N.	Logarith.	N.	Logarith.	N.	Logarith.
8340	3-9211661	8400	3-9242793	8460	3-9273704	8520	3-9304396
8341	3-9212181	8401	3-9243310	8461	3-9274217	8521	3-9304906
8342	3-9212702	8402	3-9243827	8462	3-9274730	8522	3-9305415
8343	3-9213222	8403	3-9244344	8463	3-9275243	8523	3-9305925
8344	3-9213743	8404	3-9244860	8464	3-9275757	8524	3-9306434
8345	3-9214263	8405	3-9245377	8465	3-9276270	8525	3-9306944
8346	3-9214784	8406	3-9245894	8466	3-9276783	8526	3-9307453
8347	3-9215304	8407	3-9246410	8467	3-9277296	8527	3-9307963
8348	3-9215824	8408	3-9246927	8468	3-9277808	8528	3-9308472
8349	3-9216345	8409	3-9247444	8469	3-9278321	8529	3-9308981
8350	3-9216865	8410	3-9247960	8470	3-9278834	8530	3-9309490
8351	3-9217385	8411	3-9248476	8471	3-9279347	8531	3-9309999
8352	3-9217905	8412	3-9248993	8472	3-9279859	8532	3-9310508
8353	3-9218425	8413	3-9249509	8473	3-9280372	8533	3-9311017
8354	3-9218945	8414	3-9250025	8474	3-9280885	8534	3-9311526
8355	3-9219465	8415	3-9250543	8475	3-9281397	8535	3-9312035
8356	3-9219984	8416	3-9251057	8476	3-9281909	8536	3-9312544
8357	3-9220504	8417	3-9151573	8477	3-9282422	8537	3-9313053
8358	3-9221024	8418	3-9252089	8478	3-9282934	8538	3-9313562
8359	3-9221543	8419	3-9252605	8479	3-9283446	8539	3-9314070
8360	3-9222063	8420	3-9253121	8480	3-9283959	8540	3-9314579
8361	3-9222582	8421	3-9253637	8481	3-9284471	8541	3-9315087
8362	3-9223102	8422	3-9254152	8482	3-9284983	8542	3-9315596
8363	3-9223621	8423	3-9254668	8483	3-9285495	8543	3-9316104
8364	3-9224140	8424	3-9255184	8484	3-9286007	8544	3-9316612
8365	3-9224659	8425	3-9255699	8485	3-9286518	8545	3-9317121
8366	3-9225179	8426	3-9256215	8486	3-9287030	8546	3-9317629
8367	3-9225698	8427	3-9256730	8487	3-9287542	8547	3-9318137
8368	3-9226217	8428	3-9257245	8488	3-9288054	8548	3-9318645
8369	3-9226736	8429	3-9257761	8489	3-9288565	8549	3-9319153
8370	3-9227255	8430	3-9258276	8490	3-9289077	8550	3-9319661
8371	3-9227773	8431	3-9258791	8491	3-9289588	8551	3-9320169
8372	3-9228292	8432	3-9259306	8492	3-9290100	8552	3-9320677
8373	3-9228811	8433	3-9259821	8493	3-9290611	8553	3-9321185
8374	3-9229330	8434	3-9260336	8494	3-9291123	8554	3-9321692
8375	3-9229848	8435	3-9260851	8495	3-9291634	8555	3-9322200
8376	3-9230367	8436	3-9261366	8496	3-9292145	8556	3-9322708
8377	3-9230885	8437	3-9261880	8497	3-9292656	8557	3-9323215
8378	3-9231404	8438	3-9262395	8498	3-9293167	8558	3-9323723
8379	3-9231922	8439	3-9262910	8499	3-9293678	8559	3-9324230
8380	3-9232440	8440	3-9263424	8500	3-9294189	8560	3-9324738
8381	3-9232958	8441	3-9293939	8501	3-9294700	8561	3-9325245
8382	3-9233477	8442	3-9264453	8502	3-9095211	8562	3-9325752
8383	3-9233995	8443	3-9264968	8503	3-9295722	8563	3-9326259
8384	3-9234513	8444	3-9265482	8504	3-9296232	8564	3-9326767
8385	3-9235031	8445	3-9265997	8505	3-9296743	8565	3-9327274
8386	3-9235549	8446	3-9266511	8506	3-9297254	8566	3-9327781
8387	3-9236066	8447	3-9267025	8507	3-9297764	8567	3-9328288
8388	3-9236584	8448	3-9267539	8508	3-9298275	8568	3-9328795
8389	3-9237102	8449	3-9268053	8509	3-9298785	8569	3-9329301
8390	3-9237620	8450	3-9268567	8510	3-9299296	8570	3-9339808
8391	3-9238137	8451	3-9269081	8511	3-9299806	8571	3-9330315
8392	3-9238655	8452	3-9269595	8512	3-9300316	8572	3-9330822
8393	3-9239172	8453	3-9270109	8513	3-9300826	8573	3-9331328
8394	3-9239690	8454	3-9270622	8514	3-9301336	8574	3-9331835
8395	3-9240207	8455	3-9271136	8515	3-9301847	8575	3-9332341
8396	3-9240724	8456	3-9271650	8516	3-9302357	8576	3-9332848
8397	3-9241242	8457	3-9272163	8517	3-9302866	8577	3-9333354
8398	3-9241759	8458	3-9272677	8518	3-9303376	8578	3-9333860
8399	3-9242276	8459	3-9273190	8519	3-9303886	8579	3-9334367

N.	Logarith.	N.	Logarith.	N.	Logarith.	N.	Logarith.
8580	3-9334873	8640	3-9365137	8700	3-9395193	8760	3-9425041
8581	3-9335379	8641	3-9365640	8701	3-9395692	8761	3-9425537
8582	3-9335885	8642	3-9366143	8702	3-9396191	8762	3-9426032
8583	3-9336391	8643	3-9366645	8703	3-9396690	8763	3-9426528
8584	3-9336897	8644	3-9367148	8704	3-9397189	8764	3-9427024
8585	3-9337403	8645	3-9367650	8705	3-9397688	8765	3-9427519
8586	3-9337909	8646	3-9368152	8706	3-9398187	8766	3-9428015
8587	3-9338415	8647	3-9368655	8707	3-9398685	8767	3-9428510
8588	3-9338920	8648	3-9369157	8708	3-9399184	8768	3-9429005
8589	3-9339426	8649	3-9369659	8709	3-9399683	8769	3-9429501
8590	3-9339932	8650	3-9370161	8710	3-9400182	8770	3-9429996
8591	3-9340437	8651	3-9370663	8711	3-9400680	8771	3-9430491
8592	3-9340943	8652	3-9371165	8712	3-9401179	8772	3-9430986
8593	3-6341448	8653	3-9371667	8713	3-9401677	8773	3-9431481
8594	3-9341953	8654	3-9372169	8714	3-9402176	8774	3-9431976
8595	3-9342459	8655	3-9372671	8715	3-9402674	8775	3-9432471
8596	3-9342964	8656	3-9373172	8716	3-9403172	8776	3-9432966
8597	3-9343469	8657	3-9373674	8717	3-9403670	8777	3-9433461
8598	3-9343974	8658	3-9374176	8718	3-9404169	8778	3-9433956
8599	3-9344479	8659	3-9374677	8719	3-9404667	8779	3-9434450
8600	3-9344984	8660	3-9375179	8720	3-9405165	8780	3-9434945
8601	3-9345489	8661	3-9375680	8721	3-9405663	8781	3-9435440
8602	3-9345994	8662	3-9376182	8722	3-9406161	8782	3-9435934
8603	3-9346499	8663	3-9376683	8723	3-9406659	8783	3-9436429
8604	3-9347004	8664	3-9377184	8724	3-9407157	8784	3-9436923
8605	3-9347509	8665	3-9377686	8725	3-9407654	8785	3-9437418
8606	3-9348013	8666	3-9378187	8726	3-9408152	8786	3-9437912
8607	3-9348518	8667	3-9378688	8727	3-9408650	8787	3-9438406
8608	3-9349023	8668	3-9379189	8728	3-9409147	8788	3-9438900
8609	3-9349527	8669	3-9379690	8729	3-9409645	8789	3-9439395
8610	3-9350032	8670	3-9380191	8730	3-9410142	8790	3-9439889
8611	3-9350536	8671	3-9380692	8731	3-9410640	8791	3-9440383
8612	3-9351040	8672	3-9381193	8732	3-9411137	8792	3-9440877
8613	3-9351544	8673	3-9381693	8733	3-9411635	8793	3-9441371
8614	3-9352049	8674	3-9382194	8734	3-9412132	8794	3-9441865
8615	3-9352553	8675	3-9382695	8735	3-9412629	8795	3-9442358
8616	3-9353057	8676	3-9383195	8736	3-9413126	8796	3-9442852
8617	3-9353561	8677	3-9383696	8737	3-9413623	8797	3-9443346
8618	3-9354065	8678	3-9384196	8738	3-9414120	8798	3-9443840
8619	3-9354569	8679	3-9384697	8739	3-9414617	8799	3-9444333
8620	3-9355073	8680	3-9385197	8740	3-9415114	8800	3-9444827
8621	3-9355576	8681	3-9385698	8741	3-9415611	8801	3-9445320
8622	3-9356080	8682	3-9386198	8742	3-9416108	8802	3-9445814
8623	3-9356584	8683	3-9386698	8743	3-9416605	8803	3-9446307
8624	3-9357087	8684	3-9387198	8744	3-9417101	8804	3-9446800
8625	3-9357591	8685	3-9387698	8745	3-9417598	8805	3-9447294
8626	3-9358095	8686	3-9388168	8746	3-9418095	8806	3-9447787
8627	3-9358598	8687	3-9388698	8747	3-9418591	8807	3-9448280
8628	3-9359101	8688	3-9389198	8748	3-9419088	8808	3-9448773
8629	3-9359605	8689	3-9389698	8749	3-9419584	8809	3-9449266
8630	3-9360108	8690	3-9390198	8750	3-9420081	8810	3-9449759
8631	3-9360611	8691	3-9390697	8751	3-9420577	8811	3-9450252
8632	3-9361114	8692	3-9391197	8752	3-9421073	8812	3-9450745
8633	3-9361617	8693	3-9391697	8753	3-9421569	8813	3-9451238
8634	3-9362120	8694	3-9392196	8754	3-9422065	8814	3-9451730
8635	3-9362623	8695	3-9392696	8755	3-9422561	8815	3-9452223
8636	3-9363126	8696	3-9393195	8756	3-9423058	8816	3-9452716
8637	3-9363629	8697	3-9393695	8757	3-9423553	8817	3-9453208
8638	3-9364132	8698	3-9394194	8758	3-9424049	8818	3-9453701
8639	3-9364635	8699	3-9394693	8759	3-9424545	8819	3-9454193

N.	Logarith.	N.	Logarith.	N.	Logarith.	N.	Logarith.
8820	3-9454686	8880	3-9484130	8940	3-9513375	9000	3-9542425
8821	3-9455178	8881	3-9484619	8941	3-9513861	9001	3-9542908
8822	3-9455671	8882	3-9485108	8942	3-9514347	9002	3-9543390
8823	3-9456163	8883	3-9485597	8943	3-9514832	9003	3-9543872
8824	3-9456655	8884	3-9486085	8944	3-9515318	9004	3-9544355
8825	3-9457147	8885	3-9486574	8945	3-9515803	9005	3-9544837
8826	3-9457639	8886	3-9487063	8946	3-9516289	9006	3-9545319
8827	3-9458131	8887	3-9487552	8947	3-9516774	9007	3-9545802
8828	3-9458623	8888	3-9488040	8948	3-9517260	9008	3-9546284
8829	3-9459115	8889	3-9488529	8949	3-9517745	9009	3-9546766
8830	3-9459607	8890	3-9489018	8950	3-9518230	9010	3-9547248
8831	3-9460099	8891	3-9489506	8951	3-9518716	9011	3-9547730
8832	3-9460591	8892	3-9489995	8952	3-9519201	9012	3-9548212
8833	3-9461082	8893	3-9490483	8953	3-9519686	9013	3-9548694
8834	3-9461574	8894	3-9490971	8954	3-9520171	9014	3-9549176
8835	3-9462066	8895	3-9491460	8955	3-9520656	9015	3-9549657
8836	3-9462557	8896	3-9491948	8956	3-9521141	9016	3-9550139
8837	3-9463048	8897	3-9492436	8957	3-9521626	9017	3-9550621
8838	3-9463540	8898	3-9492924	8958	3-9522111	9018	3-9551102
8839	3-9464031	8899	3-9493412	8959	3-9522595	9019	3-9551584
8840	3-9464523	8900	3-9493900	8960	3-9523080	9020	3-9552065
8841	3-9465014	8901	3-9494388	8961	3-9523565	9021	3-9552547
8842	3-9465505	8902	3-9494876	8962	3-9524049	9022	3-9553028
8843	3-9465996	8903	3-9495364	8963	3-9524534	9023	3-9553510
8844	3-9466487	8904	3-9495852	8964	3-9525018	9024	3-9553991
8845	3-9466978	8905	3-9496339	8965	3-9525503	9025	3-9554472
8846	3-9467469	8906	3-9496827	8966	3-9525987	9026	3-9554953
8847	3-9467960	8907	3-9497315	8967	3-9526472	9027	3-9555434
8848	3-9468451	8908	3-9497802	8968	3-9526956	9028	3-9555915
8849	3-9468942	8909	3-9498290	8969	3-9527440	9029	3-9556397
8850	3-9469433	8910	3-9498777	8970	3-9527924	9030	3-9556877
8851	3-9469923	8911	3-9499264	8971	3-9528409	9031	3-9557358
8852	3-9470414	8912	3-9499752	8972	3-9528893	9032	3-9557839
8853	3-9470905	8913	3-9500239	8973	3-9529377	9033	3-9558320
8854	3-9471395	8914	3-9500726	8974	3-9529861	9034	3-9558801
8855	3-9471886	8915	3-9501213	8975	3-9530345	9035	3-9559282
8856	3-9472376	8916	3-9501701	8976	3-9530828	9036	3-9559762
8857	3-9472866	8917	3-9502188	8977	3-9531312	9037	3-9560243
8858	3-9473357	8918	3-9502675	8978	3-9531796	9038	3-9560723
8859	3-9473847	8919	3-9503162	8979	3-9532280	9039	3-9561204
8860	3-9474337	8920	3-9503649	8980	3-9532763	9040	3-9561684
8861	3-9474827	8921	3-9504135	8981	3-9533247	9041	3-9562165
8862	3-9475317	8922	3-9504622	8982	3-9533730	9042	3-9562645
8863	3-9475807	8923	3-9505109	8983	3-9534214	9043	3-9563125
8864	3-9476297	8924	3-9505596	8984	3-9534697	9044	3-9563606
8865	3-9476787	8925	3-9506082	8985	3-9535181	9045	3-9564086
8866	3-9477277	8926	3-9506569	8986	3-9535664	9046	3-9564566
8867	3-9477767	8927	3-9507055	8987	3-9536147	9047	3-9565046
8868	3-9478257	8928	3-9507542	8988	3-9536631	9048	3-9565526
8869	3-9478747	8929	3-9508028	8989	3-9537114	9049	3-9566006
8870	3-9479236	8930	3-9508515	8990	3-9537597	9050	3-9566486
8871	3-9479726	8931	3-9509001	8991	3-9538080	9051	3-9566966
8872	3-9480215	8932	3-9509487	8992	3-9538563	9052	3-9567445
8873	3-9480705	8933	3-9509973	8993	3-9539046	9053	3-9567925
8874	3-9481194	8934	3-9510459	8994	3-9539529	9054	3-9568405
8875	3-9481684	8935	3-9510946	8995	3-9540012	9055	3-9568885
8876	3-9482173	8936	3-9511432	8996	3-9540494	9056	3-9569364
8877	3-9482662	8937	3-9511918	8997	3-9540977	9057	3-9569844
8878	3-9483151	8938	3-9512404	8998	3-9541460	9058	3-9570323
8879	3-9483641	8939	3-9512889	8999	3-9541943	9059	3-9570803

N.	Logarith.	N.	Logarith.	N.	Logarith.	N.	Logarith.
9060	3-9571282	9120	3-9599948	9180	3-9628427	9240	3-9656720
9061	3-9571761	9121	3-9600425	9181	3-9628900	9241	3-9657190
9062	3-9572241	9122	3-9600901	9182	3-9629373	9242	3-9657660
9063	3-9572720	9123	3-9601377	9183	3-9629846	9243	3-9658130
9064	3-9573199	9124	3-9601853	9184	3-9630319	9244	3-9658599
9065	3-9573678	9125	3-9602329	9185	3-9630792	9245	3-9659069
9066	3-9574157	9126	3-9602805	9186	3-9631264	9246	3-9659539
9067	3-9574636	9127	3-9603280	9187	3-9631737	9247	3-9660009
9068	3-9575115	9128	3-9603756	9188	3-9632210	9248	3-9660478
9069	3-9575594	9129	3-9604232	9189	3-9632683	9249	3-9660948
9070	3-9576073	9130	3-9604708	9190	3-9633155	9250	3-9661417
9071	3-9576552	9131	3-9605183	9191	3-9633628	9251	3-9661887
9072	3-9577030	9132	3-9605659	9192	3-9634100	9252	3-9662356
9073	3-9577509	9133	3-9606135	9193	3-9634573	9253	3-9662826
9074	3-9577988	9134	3-9606610	9194	3-9635045	9254	3-9663295
9075	3-9578466	9135	3-9607086	9195	3-9635517	9255	3-9663764
9076	3-9578945	9136	3-9607561	9196	3-9635990	9256	3-9664233
9077	3-9579423	9137	3-9608036	9197	3-9636462	9257	3-9664703
9078	3-9579902	9138	3-9608512	9198	3-9636934	9258	3-9665172
9079	3-9580380	9139	3-9608987	9199	3-9637406	9259	3-9665641
9080	3-9580858	9140	3-9609462	9200	3-9637878	9260	3-9666110
9081	3-9581337	9141	3-9609937	9201	3-9638350	9261	3-9666579
9082	3-9581815	9142	3-9610412	9202	3-9638822	9262	3-9667048
9083	3-9582293	9143	3-9610887	9203	3-9639294	9263	3-9667517
9084	3-9582771	9144	3-9611362	9204	3-9639766	9264	3-9667985
9085	3-9583249	9145	3-9611837	9205	3-9640238	9265	3-9668454
9086	3-9583727	9146	3-9612312	9206	3-9640710	9266	3-9668923
9087	3-9584205	9147	3-9612787	9207	3-9641181	9267	3-9669992
9088	3-9584683	9148	3-9613263	9208	3-9641653	9268	3-9669860
9089	3-9585161	9149	3-9613736	9209	3-9642125	9269	3-9670329
9090	3-9585639	9150	3-9614211	9210	3-9642596	9270	3-9670797
9091	3-9586117	9151	3-9614686	9211	3-9643068	9271	3-9671266
9092	3-9586594	9152	3-9615160	9212	3-9643539	9272	3-9671734
9093	3-9587072	9153	3-9615635	9213	3-9644011	9273	3-9672203
9094	3-9587549	9154	3-9616109	9214	3-9644482	9274	3-9672671
9095	3-9588027	9155	3-9616583	9215	3-9644953	9275	3-9673139
9096	3-9588505	9156	3-9617058	9216	3-9645425	9276	3-9673607
9097	3-9588982	9157	3-9617532	9217	3-9645896	9277	3-9674076
9098	3-9589459	9158	3-9618006	9218	3-9646367	9278	3-9674544
9099	3-9589937	9159	3-9618481	9219	3-9646838	9279	3-9675012
9100	3-9590414	9160	3-9618955	9220	3-9647309	9280	3-9675480
9101	3-9590891	9161	3-9619429	9221	3-9647780	9281	3-9675948
9102	3-9591368	9162	3-9619903	9222	3-9648251	9282	3-9676416
9103	3-9591845	9163	3-9620377	9223	3-9648722	9283	3-9676883
9104	3-9592322	9164	3-9620851	9224	3-9649193	9284	3-9677351
9105	3-9592799	9165	3-9621325	9225	3-9649664	9285	3-9677819
9106	3-9593276	9166	3-9621799	9226	3-9650134	9286	3-9678287
9107	3-9593753	9167	3-9622272	9227	3-9650605	9287	3-9678754
9108	3-9594230	9168	3-9622746	9228	3-9651076	9288	3-9679222
9109	3-9594707	9169	3-9623220	9229	3-9651546	9289	3-9679690
9110	3-9595184	9170	3-9623693	9230	3-9652017	9290	3-9680157
9111	3-9595660	9171	3-9624167	9231	3-9652488	9291	3-9680625
9112	3-9596137	9172	3-9624640	9232	3-9652958	9292	3-9681092
9113	3-9596614	9173	3-9625114	9233	3-9653428	9293	3-9681559
9114	3-9597090	9174	3-9625587	9234	3-9653899	9294	3-9682027
9115	3-9597567	9175	3-9626061	9235	3-9654369	9295	3-9682494
9116	3-9598043	9176	7-9626534	9236	3-9654839	9296	3-9682961
9117	3-9598520	9177	3-9627007	9237	3-9655309	9297	3-9683428
9118	3-9598996	9178	3-9627481	9238	3-9655780	9298	3-9683895
9119	3-9599472	9179	3-9627954	9239	3-9656250	9299	3-9684362

N.	Logarith.	N.	Logarith.	N.	Logarith.	N.	Logarith.
9300	3-9684829	9360	3-9712758	9420	3-9740509	9480	3-9768083
9301	3-9685296	9361	3-9713222	9421	3-9740970	9481	3-9768541
9302	3-9685763	9362	3-9713686	9422	3-9741431	9482	3-9768999
9303	3-9686230	9363	3-9714150	9423	3-9741892	9483	3-9769457
9304	3-9686697	9364	3-9714614	9424	3-9742353	9484	3-9769915
9305	3-9687164	9365	3-9715078	9425	3-9742814	9485	3-9770373
9306	3-9687630	9366	3-9715542	9426	3-9743274	9486	3-9770831
9307	3-9688097	9367	3-9716005	9427	3-9743735	9487	3-9771289
9308	3-9688564	9368	3-9716469	9428	3-9744196	9488	3-9771747
9309	3-9689030	9369	3-9716932	9429	3-9744656	9489	3-9772204
9310	3-9689497	9370	3-9717396	9430	3-9745117	9490	3-9772662
9311	3-9689963	9371	3-9717859	9431	3-9745577	9491	3-9773120
9312	3-9690430	9372	3-9718323	9432	3-9746038	9492	3-9773577
9313	3-9690896	9373	3-9718786	9433	3-9746498	9493	3-9774035
9314	3-9691362	9374	3-9719249	9434	3-9746959	9494	3-9774492
9315	3-9691829	9375	3-9719713	9435	3-9747419	9495	3-9774950
9316	3-9692295	9376	3-9720176	9436	3-9747879	9496	3-9775407
9317	3-9692761	9377	3-9720639	9437	3-9748340	9497	3-9775864
9318	3-9693227	9378	3-9721102	9438	3-9748800	9498	3-9776322
9319	3-9693693	9379	3-9721565	9439	3-9749260	9499	3-9776779
9320	3-9694159	9380	3-9722028	9440	3-9749720	9500	3-9777236
9321	3-9694625	9381	3-9722491	9441	3-9750180	9501	3-9777693
9322	3-9695091	9382	3-9722954	9442	3-9750640	9502	3-9778150
9323	3-9695557	9383	3-9723417	9443	3-9751100	9503	3-9778607
9324	3-9696023	9384	3-9723880	9444	3-9751560	9504	3-9779064
9325	3-9696488	9385	3-9724343	9445	3-9752020	9505	3-9779521
9326	3-9696954	9386	3-9724805	9446	3-9752479	9506	3-9779978
9327	3-9697420	9387	3-9725268	9447	3-9752939	9507	3-9780435
9328	3-9697885	9388	3-9725731	9448	3-9753399	9508	3-9780892
9329	3-9698351	9389	3-9726193	9449	3-9753858	9509	3-9781348
9330	3-9698816	9390	3-9726656	9450	3-9754318	9510	3-9781805
9331	3-9699282	9391	3-9727118	9451	3-9754778	9511	3-9782262
9332	3-9699747	9392	3-9727581	9452	3-9755237	9512	3-9782718
9333	3-9700213	9393	3-9728043	9453	3-9755697	9513	3-9783175
9334	3-9700678	9394	3-9728506	9454	3-9756156	9514	3-9783631
9335	3-9701143	9395	3-9728968	9455	3-9756615	9515	3-9784088
9336	3-9701608	9396	3-9729430	9456	3-9757075	9516	3-9784544
9337	3-9702074	9397	3-9729892	9457	3-9757534	9517	3-9785001
9338	3-9702539	9398	3-9730354	9458	3-9757993	9518	3-9785457
9339	3-9703004	9399	3-9730816	9459	3-9758452	9519	3-9785913
9340	3-9703469	9400	3-9731279	9460	3-9758911	9520	3-9786369
9341	3-9703934	9401	3-9731741	9461	3-9759370	9521	3-9786826
9342	3-9704399	9402	3-9732202	9462	3-9759829	9522	3-9787282
9343	3-9704863	9403	3-9732664	9463	3-9760288	9523	3-9787738
9344	3-9705328	9404	3-9733126	9464	3-9760747	9524	3-9788194
9345	3-9705793	9405	3-9733588	9465	3-9761206	9525	3-9788650
9346	3-9706258	9406	3-9734050	9466	3-9761665	9526	3-9789106
9347	3-9706722	9407	3-9734511	9467	3-9762124	9527	3-9789562
9348	3-9707187	9408	3-9734973	9468	3-9762582	9528	3-9790017
9349	3-9707652	9409	3-9735435	9469	3-9763041	9529	3-9790473
9350	3-9708116	9410	3-9735896	9470	3-9763500	9530	3-9790929
9351	3-9708581	9411	3-9736358	9471	3-9763958	9531	3-9791385
9352	3-9709045	9412	3-9736819	9472	3-9764417	9532	3-9791840
9353	3-9709509	9413	3-9737281	9473	3-9764875	9533	3-9792296
9354	3-9709974	9414	3-9737742	9474	3-9765334	9534	3-9792751
9355	3-9710438	9415	3-9738203	9475	3-9765792	9535	3-9793207
9356	3-9710902	9416	3-9738664	9476	3-9766251	9536	3-9793662
9357	3-9711366	9417	3-9739126	9477	3-9766709	9537	3-9794118
9358	3-9711830	9418	3-9739587	9478	3-9767167	9538	3-9794573
9359	3-9712294	9419	3-9730048	9479	3-9767625	9539	3-9795028

N.	Logarith.	N.	Logarith.	N.	Logarith.	N.	Logarith.
9540	3-9795484	9600	3-9822712	9660	3-9849771	9720	3-9876663
9541	3-9795939	9601	3-9823114	9661	3-9850221	9721	3-9877109
9542	3-9796394	9602	3-9823617	9662	3-9850670	9722	3-9877556
9543	3-9796849	9603	3-9824069	9663	3-9851120	9723	3-9878003
9544	3-9797304	9604	3-9824522	9664	3-9851569	9724	3-9878449
9545	3-9797759	9605	3-9824974	9665	3-9852019	9725	3-9878896
9546	3-9798214	9606	3-9825426	9666	3-9852468	9726	3-9879343
9547	3-9798669	9607	3-9825878	9667	3-9852917	9727	3-9879789
9548	3-9799124	9608	3-9826330	9668	3-9853366	9728	3-9880236
9549	3-9799579	9609	3-9826782	9669	3-9853816	9729	3-9880682
9550	3-9800034	9610	3-9827234	9670	3-9854265	9730	3-9881128
9551	3-9800488	9611	3-9827686	9671	3-9854714	9731	3-9881575
9552	3-9800943	9612	3-9828138	9672	3-9855163	9732	3-9882021
9553	3-9801398	9613	3-9828589	9673	3-9855612	9733	3-9882467
9554	3-9801852	9614	3-9829041	9674	3-9856061	9734	3-9882913
9555	3-9802307	9615	3-9829493	9675	3-9856510	9735	3-9883360
9556	3-9802761	9616	3-9829945	9676	3-9856959	9736	3-9883806
9557	3-9803216	9617	3-9830396	9677	3-9857407	9737	3-9884252
9558	3-9803670	9618	3-9830848	9678	3-9857856	9738	3-9884698
9559	3-9804125	9619	3-9831299	9679	3-9858305	9739	3-9885144
9560	3-9804579	9620	3-9831751	9680	3-9858754	9740	3-9885590
9561	3-9805033	9621	3-9832202	9681	3-9859202	9741	3-9886035
9562	3-9805487	9622	3-9832654	9682	3-9859651	9742	3-9886481
9563	3-9805942	9623	3-9833105	9683	3-9860099	9743	3-9886927
9564	3-9806396	9624	3-9833556	9684	3-9860548	9744	3-9887373
9565	3-9806850	9625	3-9834007	9685	3-9860996	9745	3-9887818
9566	3-9807304	9626	3-9834459	9686	3-9861445	9746	3-9888264
9567	3-9807758	9627	3-9834910	9687	3-9861893	9747	3-9888710
9568	3-9808212	9628	3-9835361	9688	3-9862341	9748	3-9889155
9569	3-9808666	9629	3-9835812	9689	3-9862790	9749	3-9889601
9570	3-9809119	9630	3-9836263	9690	3-9863238	9750	3-9890046
9571	3-9809573	9631	3-9836714	9691	3-9863686	9751	3-9890492
9572	3-9810027	9632	3-9837165	9692	3-9864134	9752	3-9890937
9573	3-9810481	9633	3-9837616	9693	3-9864582	9753	3-9891382
9574	3-9810934	9634	3-9838066	9694	3-9865030	9754	3-9891828
9575	3-9811388	9635	3-9838517	9695	3-9865478	9755	3-9892273
9576	3-9811841	9636	3-9838968	9696	3-9865926	9756	3-9892718
9577	3-9812295	9637	3-9839419	9697	3-9866374	9757	3-9893163
9578	3-9812748	9638	3-9839869	9698	3-9866822	9758	3-9893608
9579	3-9813202	9639	3-9840320	9699	3-9867270	9759	3-9894053
9580	3-9813655	9640	3-9840770	9700	3-9867717	9760	3-9894498
9581	3-9814108	9641	3-9841221	9701	3-9868165	9761	3-9894943
9582	3-9814562	9642	3-9841671	9702	3-9868613	9762	3-9895388
9583	3-9815015	9643	3-9842122	9703	3-9869060	9763	3-9895833
9584	3-9815468	9644	3-9842572	9704	3-9869508	9764	3-9896278
5585	3-9815921	9645	3-9843022	9705	3-9869955	9765	3-9896722
9586	3-9816374	9646	3-9843473	9706	3-9870403	9766	3-9897167
9587	3-9816827	9647	3-9843923	9707	3-9870850	9767	3-9897612
9588	3-9817280	9648	3-9844373	9708	3-9871298	9768	3-9898056
9589	3-9817733	9649	3-9844823	9709	3-9871745	9769	3-9898501
9590	3-9818186	9650	3-9845273	9710	3-9872192	9770	3-9898946
9591	3-9818639	9651	3-9845723	9711	3-9872640	9771	3-9899390
9592	3-9819092	9652	3-9846173	9712	3-9873087	9772	3-9899835
9593	3-9819544	9653	3-9846623	9713	3-9873534	9773	3-9900279
9594	3-9819997	9654	3-9847073	9714	3-9873981	9774	3-9900723
9595	3-9820450	9655	3-9847523	9715	3-9874428	9775	3-9901168
9596	3-9820902	9656	3-9847973	9716	3-9874875	9776	3-9901612
9597	3-9821355	9657	3-9848422	9717	3-9875322	9777	3-9902056
9598	3-9821807	9658	3-9848872	9718	3-9875769	9778	3-9902500
9599	3-9822260	9659	3-9849322	9719	3-9876216	9779	3-9902944

N.	Logarith.	N.	Logarith.	N.	Logarith.	N.	Logarith.
9780	3-9903389	9840	3-9939951	9900	3-9956352	9960	3-9982593
9781	3-9903833	9841	3-9930392	9901	3-9956791	9961	3-9983029
9782	3-9904277	9842	3-9930834	9902	3-9957229	9962	3-9983465
9783	3-9904721	9843	3-9931275	9903	3-9957668	9963	3-9983901
9784	3-9905164	9844	3-9931716	9904	3-9958106	9964	3-9984337
9785	3-9905608	9845	3-9932157	9905	3-9958545	9965	3-9984773
9786	3-9906052	9846	3-9932598	9906	3-9958983	9966	3-9985209
9787	3-9906496	9847	3-9933039	9907	3-9959422	9967	3-9985645
9788	3-9906940	9848	3-9933480	9908	3-9959860	9968	3-9986080
9789	3-9907383	9849	3-9933921	9909	3-9960298	9969	3-9986516
9790	3-9907827	9850	3-9934362	9910	3-9960737	9970	3-9986952
9791	3-9908270	9851	3-9934803	9911	3-9961175	9971	3-9987387
9792	3-9908714	9852	3-9935244	9912	3-9961613	9972	3-9987823
9793	3-9909158	9853	3-9935685	9913	3-9962051	9973	3-9988258
9794	3-9909601	9854	3-9936126	9914	3-9962489	9974	3-9988694
9795	3-9910044	9855	3-9936566	9915	3-9962927	9975	3-9989129
9796	3-9910488	9856	3-9937007	9916	3-9963365	9976	3-9999564
9797	3-9910931	9857	3-9937448	9917	3-9963803	9977	3-9990000
9798	3-9911374	9858	3-9937888	9918	3-9964241	9978	3-9990435
9799	3-9911818	9859	3-9938329	9919	3-9964679	9979	3-9990870
9800	3-9912261	9860	3-9938769	9920	3-9965117	9980	3-9991305
9801	3-9912704	9861	3-9939210	9921	3-9965554	9981	3-9991741
9802	3-9913147	9862	3-9939650	9922	3-9965992	9982	3-9992176
9803	3-9913590	9863	3-9940090	9923	3-9966430	9983	3-9992611
9804	3-9914033	9864	3-9940531	9924	3-9966868	9984	3-9993046
9805	3-9914476	9865	3-9940971	9925	3-9967305	9985	3-9993481
9806	3-9914919	9866	3-9941411	9926	3-9967743	9986	3-9993916
9807	3-9915362	9867	3-9941851	9927	3-9968180	9987	3-9994350
9808	3-9915805	9868	3-9942291	9928	3-9968618	9988	3-9994785
9809	3-9916247	9869	3-9942731	9929	3-9969055	9989	3-9995220
9810	3-9916690	9870	3-9943172	9930	3-9969492	9990	3-9995655
9811	3-9917133	9871	3-9943612	9931	3-9969930	9991	3-9996090
9812	3-9917575	9872	3-9944051	9932	3-9970367	9992	3-9996524
9813	3-9918018	9873	3-9944491	9933	3-9970804	9993	3-9996959
9814	3-9918461	9874	3-9944931	9934	3-9971242	9994	3-9997393
9815	3-9918903	9875	3-9945371	9935	3-9971679	9995	3-9997828
9816	3-9919345	9876	3-9945811	9936	3-9972116	9996	3-9998262
9817	3-9919788	9877	3-9946251	9937	3-9972553	9997	3-9998697
9818	3-9920230	9878	3-9946690	9938	3-9972990	9998	3-9999131
9819	3-9920673	9879	3-9947130	9939	3-9973427	9999	3-9999566
9820	3-9921115	9880	3-9947569	9940	3-9973864	10000	4-0000000
9821	3-9921557	9881	3-9948009	9941	3-9974301		
9822	3-9921999	9882	3-9948448	9942	3-9974738		
9823	3-9922441	9883	3-9948888	9943	3-9975174		
9824	3-9922884	9884	3-9949327	9944	3-9975611		
9825	3-9923326	9885	3-9949767	9945	3-9976048		
9826	3-9923768	9886	3-9950206	9946	3-9976485		
9827	3-9924210	9887	3-9950645	9947	3-9976921		
9828	3-9924651	9888	3-9951085	9948	3-9977358		
9829	3-9925093	9889	3-9951524	9949	3-9977794		
9830	3-9925535	9890	3-9951963	9950	3-9978231		
9831	3-9925977	9891	3-9952402	9951	3-9978667		
9832	3-9926419	9892	3-9952841	9952	3-9979104		
9833	3-9926860	9893	3-9953280	9953	3-9979540		
9834	3-9927302	9894	3-9953719	9954	3-9979976		
9835	3-9927744	9895	3-9954158	9955	3-9980413		
9836	3-9928185	9896	3-9954597	9956	3-9980849		
9837	3-9928627	9897	3-9955036	9957	3-9981285		
9838	3-9929068	9898	3-9955474	9958	3-9981721		
9839	3-9929510	9899	3-9955913	9959	3-9982157		

M	0 gr.	1 gr.	2 gr.	3 gr.	4 gr.	5 gr.	6 gr.	7 gr.
0	0	600	1200	1801	2402	3004	3607	4211
1	10	610	1210	1811	2412	3014	3617	4221
2	20	620	1220	1821	2422	3024	3627	4231
3	30	630	1230	1831	2432	3034	3637	4241
4	40	640	1240	1841	2442	3044	3647	4251
5	50	650	1250	1851	2452	3054	3657	4261
6	60	660	1260	1861	2462	3064	3667	4271
7	70	670	1270	1871	2472	3074	3677	4281
8	80	680	1280	1881	2482	3084	3687	4291
9	90	690	1290	1891	2492	3094	3697	4301
10	100	700	1300	1901	2502	3104	3707	4311
11	110	710	1310	1911	2512	3114	3717	4321
12	120	720	1320	1921	2522	3124	3727	4331
13	130	730	1330	1931	2532	3134	3737	4342
14	140	740	1340	1941	2542	3144	3747	4352
15	150	750	1350	1951	2552	3154	3758	4362
16	160	760	1360	1961	2562	3165	3768	4372
17	170	770	1370	1971	2572	3175	3778	4382
18	180	780	1380	1981	2582	3185	3788	4492
19	190	790	1390	1991	2593	3195	3798	4402
20	200	800	1400	2001	2603	3205	3808	4412
21	210	810	1410	2011	2613	3215	3818	4322
22	220	820	1420	2021	2623	3225	3828	4432
23	230	830	1430	2031	2633	3235	3838	4442
24	240	840	1440	2041	2643	3245	3848	4452
25	250	850	1450	2051	2653	3255	3858	4463
26	260	860	1460	2061	2663	3265	3868	4473
27	270	870	1470	2071	2673	3275	3878	4483
28	280	880	1481	2081	2683	3285	3888	4493
29	290	890	1491	2091	2693	3295	3898	4503
30	300	900	1501	2101	2703	3305	3908	4513
31	310	910	1511	2111	2713	3315	3919	4523
32	320	920	1521	2121	2723	3325	3929	4533
33	330	930	1531	2131	2733	3335	3939	4543
34	340	940	1541	2141	2743	3345	3949	4553
35	350	950	1551	2151	2753	3355	3959	4563
36	360	960	1561	2161	2763	3365	3969	4573
37	370	970	1571	2171	2773	3375	3979	4584
38	380	980	1581	2182	2783	3386	3989	4594
39	390	990	1591	2192	2793	3396	3999	4604
40	400	1000	1601	2202	2803	3406	4009	4614
41	410	1010	1611	2212	2813	3416	4019	4624
42	420	1020	1621	2222	2823	3426	4029	4634
43	430	1030	1631	2232	2833	3436	4039	4644
44	440	1040	1641	2242	2843	3446	4049	4654
45	450	1050	1651	2252	2853	3456	4059	4664
46	460	1060	1661	2262	2863	3466	4070	4674
47	470	1070	1671	2272	2873	3476	4080	4684
48	480	1080	1681	2282	2883	3486	4090	4695
49	490	1090	1691	2292	2893	3496	4100	4705
50	500	1100	1701	2302	2903	3506	4110	4715
51	510	1110	1711	2312	2914	3516	4120	4725
52	520	1120	1721	2322	2924	3526	4130	4735
53	530	1130	1731	2332	2934	3536	4140	4745
54	540	1140	1741	2342	2944	3546	4150	4755
55	550	1150	1751	2352	2954	3556	4160	4765
56	560	1160	1761	2362	2964	3566	5170	4775
57	570	1170	1771	2372	2974	3576	4180	4785
58	580	1180	1781	2382	2984	3587	4190	4796
59	590	1190	1791	2392	2994	3597	4200	4806

M	8 gr.	9 gr.	10 gr.	11 gr.	12 gr.	13 gr.	14 gr.	15 gr.
0	4816	5422	6031	6641	7253	7868	8485	9105
1	4826	5433	6041	6651	7264	7878	8495	9115
2	4836	5443	6051	6661	7274	7888	8506	9125
3	4846	5453	6061	6672	7284	7899	8516	9136
4	4856	5463	6071	6682	7294	7909	8526	9146
5	4866	5473	6082	6692	7304	7919	8537	9156
6	4876	5483	6092	6702	7315	7929	8547	9167
7	4886	5493	6102	6712	7325	7940	8557	9177
8	4896	5503	6112	6723	7335	7950	8567	9187
9	4907	5514	6122	6733	7345	7960	8578	9198
10	4917	5524	6132	6743	7356	7971	8588	9208
11	4927	5534	6142	6753	7366	7981	8598	9218
12	4937	5544	6153	6763	7376	7991	8609	9229
13	4947	5554	6163	6773	7386	8001	8619	9239
14	4957	5564	6173	6784	7396	8012	8629	9250
15	4967	5574	6183	6794	7407	8022	8640	9260
16	4977	5584	6193	6804	7417	8032	8650	9270
17	4987	5594	6203	6814	7427	8042	8660	9281
18	4998	5605	6214	6824	7437	8053	8671	9291
19	5008	5615	6224	6835	7448	8063	8681	9301
20	5018	5625	6234	6845	7458	8073	8691	9312
21	5028	5635	6244	6855	7468	8084	8702	9322
22	5038	5645	6254	6865	7478	8094	8712	9332
23	5048	5655	6264	6875	7488	8104	8722	9343
24	5058	5666	6275	6886	7499	8114	8732	9353
25	5068	5676	6285	6896	7509	8125	8743	9364
26	5078	5686	6295	6906	7519	8135	8753	9374
27	5089	5696	6305	6916	7530	8145	8763	9384
28	5099	5706	6315	6926	7540	8155	8774	9395
29	5109	5716	6325	6937	7550	8166	8784	9405
30	5119	5726	6336	6947	7560	8176	8794	9415
31	5129	5737	6346	6957	7571	8186	8805	9426
32	5139	5747	6356	6967	7581	8197	8815	9436
33	5149	5757	6366	6977	7591	8207	8825	9447
34	5159	5767	6376	6988	7601	8217	8836	9457
35	5169	5777	6386	6998	7611	8227	8846	9467
36	5180	5787	6397	7008	7622	8238	8856	9478
37	5190	5797	6407	7018	7632	8248	8867	9488
38	5200	5807	6417	7029	7642	8258	8877	9498
39	5210	5818	6427	7039	7652	8269	8887	9509
40	5220	5828	6437	7049	7663	8279	8898	9519
41	5230	5838	6448	7059	7673	8289	8908	9530
42	5240	5848	6458	7069	7683	8300	8918	9540
43	5250	5858	6468	7080	7693	8310	8929	9550
44	5260	5868	6478	7090	7704	8320	8939	9561
45	5271	5879	6489	7100	7714	8330	8949	9571
46	5281	5889	6499	7110	7724	8341	8960	9582
47	5291	5899	6509	7120	7734	8351	8970	9592
48	5301	5909	6519	7131	7745	8361	8980	9602
49	5311	5919	6529	7141	7755	8372	8991	9613
50	5321	5929	6539	7151	7765	8382	9001	9623
51	5331	5939	6549	7161	7776	8392	9011	9634
52	5341	5950	6560	7172	7786	8402	9022	9644
53	5352	5960	6570	7182	7796	8413	9032	9654
54	5362	5970	6580	7192	7806	8423	9043	9665
55	5372	5980	6590	7202	7817	8433	9053	9675
56	5382	5990	6600	7212	7827	8444	9063	9686
57	5392	6000	6610	7223	7837	8454	9074	9696
58	5402	6010	6620	7233	7847	8464	9084	9706
59	5412	6021	6631	7243	7858	8475	9094	9717

M	16 gr.	17 gr.	18 gr.	19 gr.	20 gr.	21 gr.	22 gr.	23 gr.
0	9727	10353	10982	11615	12251	12892	13537	14186
1	9738	10363	10993	11625	12262	12902	13548	14197
2	9748	10374	11003	11636	12273	12913	13558	14208
3	9758	10384	11014	11647	12283	12924	13569	14219
4	9769	10395	11024	11657	12294	12934	13580	14230
5	9779	10405	11035	21668	12304	12945	13591	14241
6	9790	10416	11045	11678	12315	12956	13602	14251
7	9800	10426	11056	11689	12326	12967	13612	14262
8	9810	10437	11066	11700	12336	12978	13623	14273
9	9821	10447	11077	11710	12347	12988	12634	14284
10	9831	10458	11087	11721	12358	12999	13645	14295
11	9842	10468	11098	11731	12368	13010	13655	14306
12	9852	10478	11108	11742	12379	13020	13666	14317
13	9862	10489	11119	11752	12390	13031	13677	14328
14	9873	10499	11129	11763	12400	13042	13688	14339
15	9883	10510	11140	11774	12411	13053	13699	14349
16	9894	10520	11150	11784	12422	13063	13710	14360
17	9904	10531	11161	11795	12432	13074	13720	14371
18	9915	10541	11171	11805	12443	13085	13731	14382
19	9925	10552	11182	11816	12454	13096	13742	14393
20	9935	10562	11193	11827	12464	13106	13753	14404
21	9946	10573	11203	11837	12475	13117	13764	14415
22	9956	10583	11214	11848	12486	13128	13774	14426
23	9967	10593	11224	11858	12496	13138	13785	14437
24	9977	10604	11235	11869	12507	13149	13796	14448
25	9988	10615	11245	11880	12518	13160	13807	14458
26	9998	10625	11256	11890	12528	13171	13818	14469
27	10008	10636	11266	11901	12539	13181	13828	14480
28	10019	10646	11276	11911	12550	13192	13839	14491
29	10029	10657	11287	11922	12560	13203	13850	14502
30	10040	10667	11298	11933	12571	13214	13861	14513
31	10050	10678	11309	11943	12582	13224	13872	14524
32	10061	10688	11319	11954	12592	13235	13883	14535
33	10071	10699	11330	11964	12603	13246	13893	14546
34	10081	10709	11340	11975	12614	13257	13904	14557
35	10092	10720	11351	11986	12624	13267	13915	14567
36	10102	10730	11361	11996	12635	13278	13926	14578
37	10113	10741	11372	12007	12646	13289	13937	14589
38	10123	10751	11382	12017	12656	13300	13948	14600
39	10134	10762	11393	12028	12667	13310	13958	14611
40	10144	10772	11403	12039	12678	13321	13969	14622
41	10154	10782	11414	12049	12688	13332	13980	14633
42	10165	10793	11425	12060	12699	13342	13991	14644
43	10175	10803	11435	12071	12710	13353	14002	14655
44	10186	10814	11446	12081	12721	13364	14013	14666
45	10196	10824	11456	12092	12731	13375	14023	14677
46	10207	10835	11467	12103	12741	13386	14034	14688
47	10217	10845	11477	12113	12753	13397	14045	14698
48	10228	10856	11488	12124	12763	13407	14056	14709
49	10238	10866	11499	12134	12774	13418	14067	14720
50	10248	10877	11509	12145	12785	13429	14078	14731
51	10259	10887	11520	12156	12795	13440	14088	14742
52	10269	10898	11530	12166	12806	13450	14099	14753
53	10280	10909	11541	12177	12817	13461	14110	14764
54	10390	10919	11551	12187	12828	13572	14121	14775
55	10301	10930	11562	12198	12838	13483	14132	14786
56	10311	10940	11572	12209	12849	13494	14143	14797
57	10322	10951	11583	12219	12860	13504	14154	14808
58	10332	10961	11594	12230	12870	13515	14164	14819
59	10343	10972	11604	12241	12881	13526	14175	14830

M	24 gr.	25 gr.	26 gr.	27 gr.	28 gr.	29 gr.	30 gr.	31 gr.
0	14841	15500	16165	16836	17512	18194	18884	19580
1	14852	15511	16176	16847	17523	18206	18895	19592
2	14863	15522	16187	16858	17534	18217	18907	19604
3	14874	15533	16198	16869	17546	18229	18919	19615
4	14884	15544	16209	16880	17557	18240	18930	19627
5	14895	15555	16220	16891	17568	18252	18942	19639
6	14906	15566	16232	16903	17580	18263	18953	19650
7	14917	15577	16243	16914	17591	18275	18965	19662
8	14928	15588	16254	16925	17602	18286	18976	19674
9	14939	15599	16265	16936	17614	18297	18988	19685
10	14950	15610	16276	16948	17625	18309	18999	19697
11	14961	15622	16287	16959	17636	18320	19011	19709
12	14972	15633	16298	16970	17648	18332	19023	19720
13	14983	15644	16310	16981	17659	18343	19034	19732
14	14994	15655	16321	16993	17670	18355	19046	19744
15	15005	15666	16332	17004	17682	18366	19057	19756
16	15016	15677	16343	17015	17693	18378	19069	19767
17	15027	25688	16354	17026	17705	18389	19081	19779
18	15038	15699	16365	17038	17716	18401	19092	19791
19	15049	15710	16377	17049	17727	18412	19104	19802
20	15060	15721	16388	17060	17739	18424	19115	19814
21	15071	15732	16399	17071	17750	18435	19127	19826
22	15082	15743	16410	17083	17761	18446	19138	19837
23	15093	15754	16421	17094	17773	18458	19150	19849
24	15104	15765	16432	17105	17784	18469	19162	19861
25	15115	15776	16443	17116	17795	18481	19173	19873
26	15126	75787	16455	17128	17807	18492	19185	19885
27	15137	15799	16466	17139	17818	18504	19196	19896
28	15148	15810	16477	17150	17830	18515	19208	19908
29	15159	15821	16488	17161	17841	18527	19220	19920
30	15170	15832	16499	17173	17852	18538	19231	19932
31	15181	15843	16510	17184	17864	18550	19243	19943
32	15192	15854	16522	17195	17875	18561	19254	19955
33	15203	15865	16533	17207	17886	18573	19266	19966
34	15214	15876	16544	17218	17898	18584	19278	19978
35	15225	15887	16555	17229	17909	18596	19289	19990
36	15236	15898	16566	17240	17921	18607	19301	20002
37	15247	15909	16578	17252	17932	18619	19313	20013
38	15258	15920	16589	17263	17943	18630	19324	20025
39	15269	15932	16600	17274	17955	18642	19336	20037
40	15280	15943	16611	17286	17966	18653	19347	20049
41	15291	15954	16622	17297	17978	18665	19359	20060
42	15302	15965	16634	17308	17989	18676	19371	20072
43	15313	15976	16645	17319	18000	18688	19383	20084
44	15324	15987	16656	17331	18012	18699	19394	20096
45	15235	15998	16667	17342	18023	18711	19406	20107
46	15346	16009	16678	17353	18035	18722	19417	20119
47	15357	16020	16690	17365	18046	18734	19429	20131
48	15368	16031	16701	17376	18057	18745	19440	20143
49	15379	16043	16712	17387	18069	18757	19452	20154
50	15390	16054	16723	17399	18080	18768	19464	20166
51	15401	16065	16734	17410	18092	18780	19475	20178
52	15412	16076	16746	17421	18103	18792	19487	20190
53	15423	16087	16757	17432	18114	18803	19499	20202
54	15434	16098	16768	17444	18126	18815	19510	20213
55	15445	16109	16779	17455	18137	18826	19522	20225
56	15456	16120	16790	17466	18149	18838	19534	20237
57	15467	16131	16802	17478	18160	18849	19545	20249
58	15478	16143	16813	17489	18172	18861	19557	20260
59	15489	16154	16824	17500	18183	18872	19569	20272

M	32 gr.	33 gr.	34 gr.	35 gr.	36 gr.	37 gr.	38 gr.	39 gr.
0	20284	20995	21715	22443	23180	23927	24683	25450
1	20296	21007	21727	22455	23193	23939	24696	25462
2	20307	21019	21739	22468	23205	23952	24708	25475
3	20319	21031	21751	22480	23217	23964	24721	25488
4	20331	21043	21763	22492	23230	23977	24734	25501
5	20343	21055	21775	22504	23242	23989	24746	25514
6	20355	21067	21787	22516	23254	24002	24759	25527
7	20367	21079	21800	22529	23267	24014	24771	25549
8	20378	21091	21812	22541	23279	24027	24785	25553
9	20390	21103	21824	22553	23292	24039	24797	25566
10	20402	21115	21836	22565	23304	24052	24810	25578
11	20414	21127	21848	32578	23316	24064	24823	25591
12	20426	21139	21860	22590	23329	24077	24835	25604
13	20437	21151	21872	22602	23341	24090	24848	25617
14	20449	21163	21884	22614	23353	24102	24861	25630
15	20461	21175	21896	22627	23366	24115	24874	25643
16	20473	21187	21908	23639	23378	24127	24886	25656
17	20485	21198	21920	22651	23390	24140	24899	25669
18	20497	21210	21933	22663	23403	24152	24912	25682
19	20508	21222	21945	22676	23415	24165	24925	25695
20	20520	21234	21957	22688	23428	24178	24937	25707
21	20532	21246	21969	22700	23440	24190	24950	25720
22	20544	21258	21981	22712	23453	24203	24963	25733
23	20556	21270	21993	22725	23465	24215	24976	25746
24	20568	21282	22005	22737	23478	24228	24988	25759
25	20580	21294	22017	22749	23490	24240	25001	25772
26	20591	21306	22030	22761	23502	24253	25014	25785
27	20603	21318	22042	22774	23515	24265	25027	25798
28	20615	21330	22054	22786	23527	24278	25039	25811
29	20627	21342	22066	22798	23540	24291	25052	25824
30	20639	21354	22078	22810	23552	24303	25065	25837
31	20651	21366	22090	22823	23565	24316	25078	25850
32	20662	21378	22102	22835	23577	24329	25090	25863
33	20674	21390	22114	22847	23589	24341	25103	25876
34	20686	21402	22127	22860	23602	24354	25116	25889
35	20698	21414	22139	22872	23614	24367	25129	25902
36	20710	21426	22151	22884	23627	24379	25142	25915
37	20722	21438	22163	22897	23639	24392	25154	25928
38	20734	21450	22175	22909	23652	24404	25167	25941
39	20746	21462	22187	22921	23664	24417	25180	25954
40	20757	21474	22199	22933	23677	24430	25193	25967
41	20769	21486	22212	22946	23689	24442	25206	25980
42	20781	21498	22224	22958	23702	24455	25218	25993
43	20793	21510	22236	22970	23714	24468	25231	26006
44	20805	21522	22248	22983	23727	24480	25244	26019
45	20817	21534	22260	22995	23739	24493	25257	26032
46	20829	21546	22272	23007	23752	24506	25270	26045
47	20841	21558	22285	23020	23764	24518	25283	26058
48	20853	21570	22297	23032	23777	24531	25295	26071
49	20864	21582	22309	23044	23789	24543	25308	26084
50	20876	21594	22321	23057	23801	24556	25321	26097
51	20888	21607	22333	23069	23813	24569	25334	26110
52	20900	21619	22346	23081	23826	24581	25347	26123
53	20912	21631	22358	23094	23839	24594	25360	26136
54	20924	21643	22370	23106	23851	24607	25372	26149
55	20936	21655	22382	23118	23864	24616	25385	26162
56	20948	21667	22394	23131	23876	24632	25398	26175
57	20960	21679	22407	23143	23889	24645	25411	26188
58	20972	21691	22419	23155	23902	24658	25424	26201
59	20684	21703	22431	23167	23914	24670	25437	26214

M	40 gr.	41 gr.	42 gr.	43 gr.	44 gr.	45 gr.	46 gr.	47 gr.
0	26227	27016	27817	28631	29458	30300	31156	32027
1	26240	27029	27831	28645	29472	30314	31170	32042
2	26253	27043	27844	28658	29481	30328	31184	32057
3	26266	27056	27858	28672	29500	30342	31199	32071
4	26279	27069	27871	28685	29514	30356	31213	32086
5	26292	27083	27885	28700	29528	30370	31228	32101
6	26305	27096	27898	28713	29542	30384	31242	32115
7	26319	27109	27912	28727	29556	30397	31257	32130
8	26332	27122	27925	28741	29570	30413	31271	32145
9	26345	27136	27939	28754	29584	30429	41285	32159
10	26358	27149	27951	28768	29598	30441	31300	32174
11	26371	27162	27966	18782	29611	30455	31314	32189
12	26384	27175	27979	28795	29625	30470	31329	32204
13	26397	27189	27993	28809	29639	30484	31343	32218
14	26410	27202	28006	28823	29653	30498	31358	32233
15	26423	27215	28020	28837	29667	30512	31372	32248
16	26436	27229	28033	28850	29681	30526	31387	32263
17	26449	27242	28047	28864	29695	30541	31401	32277
18	26463	27255	28060	28878	29709	30555	31415	32292
19	26476	27269	28074	28892	29723	30569	31430	32307
20	26489	27282	28087	28905	29737	30583	31444	32321
21	26502	27295	28101	28919	29751	30597	31459	32336
22	26515	27308	28114	28933	29765	30612	31473	32351
23	26528	27322	28128	28947	29779	30626	31488	32366
24	26541	27335	28141	28960	29793	30640	31502	32381
25	26554	27348	28155	28974	29807	30654	31517	32395
26	26568	27362	28168	28988	29821	30669	31531	32410
27	26581	27375	28182	29002	29835	30683	31546	32425
28	26594	27388	28195	29015	29849	30697	31550	32440
29	26607	27402	28209	29029	29863	30711	31575	32454
30	26620	27415	28223	29043	29877	30726	31589	32469
31	26633	27429	28236	29057	29891	30740	31604	32484
32	26646	27442	28250	29071	29905	30754	31619	32499
33	26660	27455	28263	29084	29919	30769	31635	32514
34	26673	27469	28277	29098	29933	30783	31648	32529
35	26686	27482	28290	29112	29947	30797	31662	32543
36	26699	27495	28304	29126	29961	30811	31677	32558
37	26712	27509	28318	29140	29975	30826	31691	32573
38	26725	27522	28331	29153	29989	30840	31706	32588
39	26739	27535	28345	29167	30003	30854	31720	32603
40	26751	27549	28358	29181	30018	30869	31735	32618
41	26765	27562	28372	29195	30032	30883	31750	32632
42	26778	27576	28386	29209	30046	30897	31764	32647
43	26791	27589	28399	29223	30060	30912	31779	32662
44	26805	27602	28413	29236	30074	30926	31793	32677
45	26818	27615	28426	29250	30088	30940	31808	32692
46	26831	27629	28440	29264	30102	30955	31822	32707
47	26844	27643	28454	29278	30116	30967	31837	32722
48	26857	27656	28467	29392	30130	30983	31852	32736
49	26871	27669	28481	29306	30144	30998	31866	32751
50	26884	27683	28495	29320	30158	31012	31881	32766
51	26898	27696	28508	29333	30172	31026	31896	32781
52	26910	27710	28522	29347	30187	31041	31910	32796
53	26923	27723	28536	29361	30201	31056	31925	32811
54	26937	27737	28549	29375	30215	31069	31939	32826
55	26950	27750	28563	29389	30229	31084	31954	32841
56	26963	27764	28576	29403	30233	31099	31969	32856
57	26976	27777	28590	29417	30257	31112	31933	32871
58	26990	27790	28604	29431	30271	31127	31998	32886
59	27003	27804	28615	29444	30285	31141	32013	32900

M	48 gr.	49 gr.	50 gr.	51 gr.	52 gr.	53 gr.	54 gr.	55 gr.
0	32915	33821	34745	35688	36652	37638	38647	39680
1	32930	33836	34760	35704	36668	37655	38664	39697
2	32945	33851	39776	35720	36685	37671	38681	39715
3	32960	33867	34792	35736	36701	37688	38698	39732
4	32975	33882	34807	35752	36717	37704	38715	39750
5	32990	33897	34823	35768	36734	37721	38732	39767
6	33005	33913	34838	35784	36750	37738	38749	39785
7	33020	33928	34854	35800	36766	37754	38766	39802
8	33035	33943	34870	35816	36782	37771	38783	39820
9	33050	33958	34885	35831	36799	37788	38800	39837
10	33065	33974	34901	35847	36815	37804	38817	39855
11	33080	33989	34916	35863	36831	37821	38834	39872
12	33095	34004	34932	35879	36848	37838	38851	39890
13	33110	34020	34948	35895	36863	37855	38868	39907
14	33125	34035	34963	35911	36880	37871	38886	39925
15	33140	34050	34979	35927	36897	37888	38903	39942
16	33155	34066	34994	35943	36913	37905	38920	39960
17	33170	34081	35010	35959	36929	37921	38937	39977
18	33185	34096	35026	35975	36946	37938	38954	39995
19	33200	34112	35041	35991	36962	37955	38971	40013
20	33215	34127	35057	36007	36978	37972	38988	40030
21	33230	34142	35073	36023	36995	37988	39006	40048
22	33245	34158	35088	36039	37011	38005	39023	40064
23	33260	34173	35104	36055	37027	38022	39040	40083
24	33276	34188	35120	36071	37044	38039	39057	40100
25	33291	34204	35136	36087	37060	38055	39074	40118
26	33306	34219	35151	36103	37077	38072	39091	40136
27	33321	34234	35167	36119	37093	38089	39109	40153
28	33336	34250	35183	36135	37109	38106	39126	40171
29	33351	34265	35198	36151	37126	38123	39143	40189
30	33366	34281	35214	36168	37142	38139	39160	40206
31	33381	34296	35230	36184	37158	38156	39177	40224
32	33396	34311	35246	36200	37175	38173	39195	40242
33	33411	34327	35261	36216	37192	38190	39212	40259
34	33426	34342	35277	36232	37208	38207	39229	40277
35	33442	34358	35293	36248	37225	38224	39246	40295
36	33457	34373	35308	36264	37241	38240	39264	40312
37	33472	34388	35324	36280	37257	38257	39281	40330
38	33487	34404	35340	36296	37274	38274	39298	40348
39	33502	34419	35356	36312	37290	38291	39315	40365
40	33517	34435	35372	36328	37307	38308	39333	40383
41	33532	34450	35387	36345	37323	38325	39350	40401
42	33547	34466	35403	36361	37340	38342	39367	40419
43	33563	34481	35419	36377	37356	38358	39385	40436
44	33578	34497	35435	36393	37373	38375	39402	40454
45	33593	34512	35451	36409	37389	38392	39419	40472
46	33608	34528	35466	36424	37406	38409	39437	40490
47	33623	34543	35482	36441	37422	38426	39454	40506
48	33638	34559	35498	36458	37439	38443	39471	40525
49	33654	34574	35514	36474	37456	38460	39489	40543
50	33669	34590	35530	36490	37472	38477	39506	40561
51	33684	34605	35545	36506	37489	38494	39523	40579
52	33699	34621	35561	36522	37505	38511	39541	40596
53	33714	34636	35577	36539	37522	38528	39558	40613
54	33730	34652	35593	36555	37538	38545	39575	40632
55	33745	34667	35609	36571	37555	38562	39593	40650
56	33760	34683	35625	36587	37572	38579	39610	40668
57	33774	34698	35641	36603	37588	38596	39628	40686
58	33791	34714	35646	36625	37605	38613	39645	40704
59	33806	34729	35672	36636	37626	38630	39663	40721

M	56 gr.	57 gr.	58 gr.	59 gr.	60 gr.	61 gr.	62 gr.	63 gr.
0	40739	41826	42943	44092	45274	46492	47750	49049
1	40757	41845	42962	44111	45294	46513	47771	49074
2	40775	41863	42981	44130	45314	46534	47793	49094
3	40793	41881	43000	44150	45334	46554	47814	49116
4	40811	41900	43019	44169	45354	46575	47835	49138
5	40829	41918	43038	44189	45374	46596	47857	49160
6	40847	41937	43057	44208	45394	46616	47878	49182
7	40865	41955	43075	44228	45414	46637	47899	49204
8	40883	41973	43094	44247	45434	46658	47921	49226
9	40901	41992	43113	44267	45454	46673	47942	49248
10	40919	42010	43132	44286	45474	46699	47964	49270
11	40936	42029	43151	44306	45494	46720	47985	49293
12	40954	42047	43170	44325	45514	46741	48006	49315
13	40972	42066	43189	44345	45535	46761	48028	49337
14	40990	42084	43208	44364	45555	46782	48049	49359
15	41009	42103	43227	44384	45575	46803	48070	49381
16	41026	42121	43246	44403	45595	46824	48090	49404
17	41044	42140	43265	44423	45615	46845	48111	49426
18	41062	42158	43284	44443	45636	46865	48133	49448
19	41080	42177	43303	44462	45656	46886	43155	49470
20	41099	42195	43322	44482	45676	46907	48178	49493
21	41117	42214	43342	44501	45696	46928	48200	49515
22	41135	42232	43360	44521	45716	46949	48221	49537
23	41155	42251	43380	44541	45736	46970	48243	49559
24	41171	42269	43399	44560	45757	46991	48265	49582
25	41189	42288	43418	44580	45777	47011	48286	49604
26	41207	42307	43437	44600	45797	47032	48308	49626
27	41225	42325	43456	44619	45817	47053	48329	49649
28	41243	42344	43475	44639	45838	47074	48351	49671
29	41261	42362	43494	44659	45858	47095	48373	49694
30	41279	42381	43513	44678	45878	47116	48394	49716
31	41297	42400	43532	44698	45899	47137	48416	49738
32	41316	42418	43552	44718	45919	47158	48438	49761
33	41334	42437	43571	44737	45939	47179	48459	49783
34	41352	42455	43590	44757	45960	47200	48481	49806
35	41370	42474	43609	44777	45980	47221	48502	49828
36	41388	42493	43628	44797	46000	47242	48523	49851
37	41406	42511	43647	44817	46021	47263	48545	49873
38	41425	42530	43667	44836	46041	47284	48567	49896
39	41443	42549	43686	44856	46062	47305	48589	49918
40	41461	42567	43705	44876	46082	47326	48610	49941
41	41479	42586	43725	44896	46102	47347	48632	49963
42	41497	42605	43744	44915	46123	47368	48655	49986
43	41516	42624	43763	44935	46143	47389	48677	50008
44	41534	42642	43782	44955	46164	47411	48699	50031
45	41552	42661	43801	44975	46184	47432	48720	50054
46	41570	42680	43321	44995	46205	47453	48742	50076
47	41588	42699	43840	45015	46225	47474	48764	50099
48	41607	42717	43859	45035	46246	47495	48786	50122
49	41625	42736	43879	45054	46266	47516	48808	50144
50	41643	42755	43898	45074	46287	47538	48830	50167
51	41662	42774	43917	45094	46307	47559	48852	50190
52	41680	42792	43937	45114	46328	47580	48874	50212
53	41698	42811	43956	45134	46348	47601	48896	50235
54	41716	42830	43975	45154	46369	47622	48918	50258
55	41735	42849	43995	45174	46389	47644	48939	50280
56	41753	42868	44014	45194	46409	47665	48961	50303
57	41771	42887	44033	45214	46431	47686	48983	50326
58	41790	42905	44053	45234	36451	47707	49005	50349
59	41808	42924	44072	45254	46472	47729	49027	50371

M	64 gr.	65 gr.	66 gr.	67 gr.	68 gr.	69 gr.	70 gr.	71 gr.
0	50394	51788	53235	54740	56308	57945	59659	61457
1	50417	51812	53260	54766	56335	57973	59688	61488
2	50440	51835	53284	54791	56362	58001	59718	61518
3	50463	51859	53309	54817	56388	58019	59747	61549
4	50486	51883	53334	54843	56415	58057	59776	61579
5	50509	51907	53358	54868	56442	58085	59805	61611
6	50531	51930	53383	54894	56469	58113	59835	61642
7	50554	51954	53408	54920	56496	58141	59864	61672
8	50577	51978	53432	54945	56522	58169	59894	61703
9	50600	52002	53457	54971	56549	58197	59923	61734
10	50623	52025	53482	54997	56576	58225	59953	61765
11	50646	52049	53507	55023	56603	58254	59982	61797
12	50669	52073	53531	55048	56630	58282	60012	61827
13	50692	52097	53556	55074	56657	58310	60041	61858
14	50715	52121	53581	55100	56684	58338	60071	61889
15	50738	52145	53606	55126	56711	58366	60100	61921
16	50761	52169	53631	55152	56738	58395	60130	61952
17	50784	52192	53655	55178	56765	58423	60159	61983
18	50807	52216	53680	55204	56792	58451	60189	62014
19	50830	52240	53705	55230	56819	58479	60219	62045
20	50853	52264	53730	55255	56846	58508	60248	62076
21	50876	52288	53755	55281	56872	58536	60278	62108
22	50899	52312	53780	55307	56900	58564	60308	62139
23	50923	52336	53805	55333	56927	58593	60338	62170
24	50946	52360	53830	55359	56954	58621	60368	62202
24	50969	52384	53855	55385	56982	58650	60397	62233
26	50992	52408	53880	55411	57006	58678	60427	62264
27	51015	52432	53905	55438	57039	58707	60457	62296
28	51039	52456	53930	55464	57063	58735	60487	62327
29	51062	52481	53955	55490	57091	58764	60517	62359
30	51035	52505	53980	55516	57118	58792	60547	62390
31	51108	52529	54005	55542	57145	58821	60577	62422
32	51131	52553	54030	55568	57172	58849	60607	62453
33	51155	52577	54055	55594	57200	58878	60637	62485
34	51178	52601	54081	55620	57227	58907	60667	62516
35	51201	52625	54106	55647	57255	58935	60697	62548
36	51234	52650	54131	55673	57282	58964	60727	62580
37	51248	52673	54156	55699	57309	58993	60757	62611
38	51271	52697	54181	55726	57337	59021	60787	62643
39	51294	52721	54206	55752	57364	59050	60817	62675
40	51318	52746	54232	55778	57392	59079	60848	62707
41	51341	52770	54257	55804	57419	59108	60878	62739
42	51365	52794	54282	55831	57447	59136	60908	62771
43	51388	52818	54307	55857	57474	59165	60938	62802
44	51411	52843	54333	55884	57502	59194	60969	62834
45	51435	52867	54358	55910	57529	59223	60999	62866
46	51458	52892	54383	55936	57557	59252	61029	62898
47	51482	52916	54409	55963	57585	59281	61060	62930
48	51505	52944	54434	55989	57612	59310	61090	62963
49	51529	52965	54460	56016	57640	59339	61121	62994
50	51552	52989	54485	56042	57668	59368	61151	63026
51	51576	53014	54510	56069	57695	59397	61181	63058
52	51599	53038	54536	56095	57723	59426	61212	63090
53	51623	53062	54561	56122	57751	59455	61242	63122
54	51646	53087	54587	56148	57779	59484	61273	63155
55	51670	53111	54612	56175	57806	59513	61304	63187
56	51694	53136	54638	56202	57834	59542	61334	63219
57	51717	53161	54663	56228	57862	59571	61365	63251
58	51741	53186	54689	56255	57890	59601	61395	63284
59	51764	53211	54714	56282	57917	59630	61426	63316

M	72 gr.	73 gr.	74 gr.	75 gr.	76 gr.	77 gr.	78 gr.	79 gr.
0	63348	65344	67457	69703	72102	74673	77447	80458
1	63381	65378	67494	69742	72143	74717	77495	80510
2	63413	65413	67530	69781	72184	74762	77543	80563
3	63445	65447	67566	69819	72226	74807	77591	80616
4	63478	65481	67603	69858	72267	74851	77640	80668
5	63510	65516	67639	69897	72309	74897	77688	80721
6	63543	65550	67676	69936	72351	74941	77736	80774
7	63575	65584	67712	69975	72392	74986	77785	80827
8	63608	65619	67744	70014	72434	75030	77833	80880
9	63641	65653	67785	70053	72476	75075	77882	80933
10	63673	65688	67822	70092	72512	75120	77931	80986
11	63706	65722	67859	70131	72559	75165	77980	81039
12	63739	65757	67895	70170	72601	75211	78029	81093
13	63771	65792	67932	70209	72643	75256	78077	81146
14	63804	65826	67969	70248	72685	75301	78126	81199
15	63837	65861	68006	70288	72727	75346	78176	81253
16	63870	65896	68043	70327	72769	75390	78225	81307
17	63903	65930	68079	70366	72811	75437	78274	81360
18	63936	66965	68116	70406	72854	75482	78323	81414
19	63968	66000	68153	70445	72896	75528	78375	81468
20	64001	66035	68190	70485	72938	75573	78422	81522
21	64034	66070	68227	70524	72980	75619	78471	81576
22	64067	66105	68265	70564	73023	75665	78521	81630
23	64100	66140	68302	70603	73065	75711	78571	81685
24	64133	66175	68339	70643	73107	75756	78620	81739
25	64167	66210	68376	70683	73150	75802	78670	81793
26	64200	66245	68413	70722	73193	75848	78720	81848
27	64233	66280	68451	70762	73236	75894	78770	81902
28	64266	66315	68488	70802	73278	75940	78820	81957
29	64299	66350	68525	70842	73321	75986	78870	82012
30	64332	66385	68563	70882	73364	76033	78920	82067
31	64366	66420	68600	70922	73407	76079	78971	82122
32	64399	66456	68638	70962	73450	76125	79020	82177
33	94432	66491	68675	71002	73493	76171	79071	82232
34	64466	66526	68713	71042	73536	76218	79121	82287
35	64499	66562	68750	71082	73579	76264	79172	82342
36	64533	66597	68788	71122	73622	76311	79222	82397
37	64566	66632	68826	71162	73665	76357	79273	82453
38	64599	66668	68863	71203	73708	76404	79324	82508
39	64633	66703	68901	71243	73752	76451	79374	82564
40	64667	66739	68939	71283	73795	76498	79425	82620
41	64700	66775	68977	71314	73838	76544	79476	82676
42	64734	66810	69015	71364	73882	76591	79527	82731
43	64767	66846	69052	71405	73925	76638	79578	82787
44	64801	66881	69090	71446	73969	76685	79629	82843
45	64835	66917	69128	71487	74012	76732	79681	82900
46	64868	66953	69166	71528	74056	76780	79732	82956
47	64902	66989	69205	71568	74100	76827	79783	83013
48	64936	67025	69243	71609	74144	76874	79835	83069
49	64970	67060	69281	71650	74187	76921	79886	83125
50	65004	67096	69319	71691	74231	76969	79938	83182
51	65038	67132	69357	71732	74275	77016	79989	83238
52	65072	67168	69396	71772	74319	77064	80041	83295
53	65106	67204	69434	71813	74363	77112	80093	83352
54	65140	67240	69472	71854	74407	77159	80145	83409
55	65174	67276	69511	71896	74451	77207	80197	83466
56	65208	67313	69549	71937	74496	77255	80249	83523
57	65242	67349	69588	71978	74540	77303	80301	83581
58	65276	67385	69626	72019	74584	77351	80353	83638
59	65310	67421	69665	72060	74629	77399	80406	83695

M	80 gr.	81 gr.	82 gr.	83 gr.	84 gr.	85 gr.
0	83753	87392	91456	96059	101370	107647
1	83811	87456	91527	96141	101466	107762
2	83868	87520	91600	96224	101562	107877
3	83926	87584	91672	96306	101658	107993
4	83984	87648	91744	96389	101755	108109
5	84042	87713	91817	96472	101851	108226
6	84100	87777	91889	96555	101949	108343
7	84158	87842	91962	96638	102046	108460
8	84217	87907	92035	96722	102144	108577
9	84275	87972	92108	96806	102242	108696
10	84334	88037	92182	96890	102340	108814
11	84392	88102	92255	96974	102438	108933
12	84451	88167	92329	97058	102537	109052
13	84510	88233	92402	97143	102636	109172
14	84569	88298	92476	97227	102736	109292
15	84628	88365	92550	97312	102835	109413
16	84687	88430	92625	97398	102935	109534
17	84746	88496	92699	97483	103036	109655
18	84805	88562	92774	97569	103136	109777
19	84865	88628	92848	97654	103237	109899
20	84924	88694	92923	97740	103338	110022
21	84984	88761	92998	97827	103440	110150
22	85043	88827	93073	97913	103541	110268
23	85103	88894	93149	98000	103643	110392
24	85163	88961	93224	98087	103746	110517
25	85223	89028	93300	98174	103848	110642
26	85283	89092	93376	98261	103951	110767
27	85343	89161	93452	98349	104054	110893
28	85404	89229	93528	98436	104158	111019
29	85464	89297	93604	98524	104262	111146
30	85525	89364	93681	98613	104366	111273
31	85585	89432	93758	98701	104471	111401
32	85646	89500	93835	98790	104575	111529
33	85707	89568	93912	98879	104680	111658
34	85768	89636	93989	98908	104786	111787
35	85829	89704	94066	99057	104892	111917
36	85890	89772	94144	99147	104998	112047
37	85951	89831	94221	99237	105104	112177
38	86013	89910	94299	99327	105211	112308
39	86074	89978	94377	99417	105318	112440
40	86136	90047	94456	99507	105425	112572
41	86198	90116	94534	99598	105533	112705
42	86260	90180	94613	99689	105641	112838
43	86321	90255	94692	99781	105750	112971
44	86383	90324	94770	99872	105859	113106
45	86446	90394	94850	99964	105968	113240
46	86508	90464	94929	100056	106077	113375
47	86570	90534	95008	100148	106187	113511
48	86633	90603	95088	100240	106297	113647
49	86695	90674	95168	100333	106408	113784
50	86758	90744	95248	100426	106518	113922
51	86821	90815	95328	100519	106630	114059
52	86884	90885	95409	100613	106741	114198
53	86947	90956	95489	100706	106853	114337
54	87010	91027	95570	100800	106965	114477
55	87073	91098	95651	100895	107078	114617
56	87137	91160	95732	100999	107191	114757
57	87200	91241	95814	101084	107305	114899
58	87264	91312	95895	101179	107419	115049
59	87328	91384	95977	101274	107533	115183

M	86 gr.	87 gr.	88 gr.	89 gr.
0	115326	125222	139166	162998
1	115470	125414	139454	163575
2	115614	125606	139744	164163
3	115758	125800	140037	164761
4	115904	125995	140332	165370
5	116050	126191	140630	165949
6	116197	126388	140930	166620
7	116345	126586	141233	167262
8	116492	126786	141539	167917
8	116641	126986	141847	168585
10	116790	127188	142158	169265
11	116940	127391	142472	169906
12	117091	127595	142789	170669
13	117242	127800	143109	171303
14	117394	128007	143432	172132
15	117546	128215	143758	172887
16	117700	128425	144087	173660
17	117854	128635	144419	174450
18	118008	128847	144754	175259
19	118164	129060	145093	176087
20	118320	129274	145435	176936
21	118476	129489	145781	177807
22	118634	129706	146130	178699
23	118792	129925	146483	179616
24	118951	130144	146839	180558
25	119110	130366	147199	181526
26	119271	130588	147563	182523
27	119432	130812	147930	183549
28	119594	131038	148302	184607
29	119756	131265	148678	185698
30	119920	131493	149058	186825
31	120084	131723	149442	187991
32	120249	131955	149820	189197
33	120415	132188	150223	190447
34	120581	132423	150621	191744
35	120749	132659	151023	193092
36	120917	132897	151430	194495
37	121086	133137	151842	195958
38	121256	133378	152258	197486
39	121427	133621	152680	199985
40	121598	133866	153107	200752
41	121771	134112	153540	202525
42	121944	134361	153978	204383
43	122118	134611	154421	206348
44	122293	134863	154870	208431
45	122469	135110	155326	210649
46	122646	135372	155787	213020
47	122844	135630	156255	215566
48	123002	135889	156730	218314
49	123182	136151	157210	221306
50	123362	136414	157698	224580
51	123544	136680	158193	228199
52	123726	136947	158695	232243
53	123910	137217	159204	236829
54	124094	137489	159721	242118
55	124280	137763	160246	248369
56	124466	138019	160779	256008
57	124654	138317	161320	265829
58	124842	138598	161876	279580
59	125032	138882	162429	303643

Dist	Br.	Abw.	Dist	Br.	Abw.	Dist	Br.	Abw.	Dist	Br.	Abw.
1	01.0	00.0	61	60.9	03.0	121	120.9	05.9	181	180.8	08.9
2	02.0	00.1	62	61.9	03.0	22	121.9	06.0	82	181.8	08.9
3	03.0	00.1	63	62.9	03.1	23	122.9	06.0	83	182.8	09.0
4	04.0	00.2	64	63.9	03.1	24	123.9	06.1	84	183.8	09.0
5	05.0	00.2	65	64.9	03.2	25	124.9	06.1	85	184.8	09.1
6	06.0	00.3	66	65.9	03.2	26	125.8	06.2	86	185.8	09.1
7	07.0	00.3	67	66.9	03.3	27	126.8	06.2	87	186.8	09.2
8	08.0	00.4	68	67.9	03.3	28	127.8	06.3	88	187.8	09.2
9	09.0	00.4	69	68.9	03.4	29	128.8	06.3	89	188.8	09.3
10	10.0	00.5	70	69.9	03.4	30	129.8	06.4	90	189.8	09.3
11	11.0	00.5	71	70.9	03.5	131	130.8	06.4	191	190.8	09.4
12	12.0	00.6	72	71.9	03.5	32	131.8	06.5	92	191.8	09.4
13	13.0	00.6	73	72.9	03.6	33	132.8	06.5	93	192.8	09.5
14	14.0	00.7	74	73.9	03.6	34	133.8	06.6	94	193.8	09.5
15	15.0	00.7	75	74.9	03.7	35	134.8	06.6	95	194.8	09.6
16	16.0	00.8	76	75.9	03.7	36	135.8	06.7	96	195.8	09.6
17	17.0	00.8	77	76.9	03.8	37	136.8	06.7	97	196.8	09.7
18	18.0	00.9	78	77.9	03.8	38	137.8	06.8	98	197.8	09.7
19	19.0	00.9	79	78.9	03.9	39	138.8	06.8	99	198.8	09.8
20	20.0	01.0	80	79.9	03.9	40	139.8	06.9	200	199.8	09.8
21	21.0	01.0	81	80.9	04.0	141	140.8	06.9	201	200.8	09.9
22	22.0	01.1	82	81.9	04.0	42	141.8	07.0	02	201.8	09.9
23	23.0	01.1	83	82.9	04.1	43	142.8	07.0	03	202.8	10.0
24	24.0	01.2	84	83.9	04.1	44	143.8	07.1	04	203.8	10.0
25	25.0	01.2	85	84.9	04.2	45	144.8	07.1	05	204.8	10.1
26	26.0	01.3	86	85.9	04.2	46	145.8	07.2	06	205.8	10.1
27	27.0	01.3	87	86.9	04.3	47	146.8	07.2	07	206.8	10.2
28	28.0	01.4	88	87.9	04.3	48	147.8	07.3	08	207.7	10.2
29	29.0	01.4	89	88.9	04.4	49	148.8	07.3	09	208.7	10.3
30	30.0	01.5	90	89.9	04.4	50	149.8	07.4	10	209.7	10.3
31	31.0	01.5	91	90.9	04.5	151	150.8	07.4	211	210.7	10.4
32	32.0	01.6	92	91.9	04.5	52	151.8	07.5	12	211.7	10.4
33	33.0	01.6	93	92.9	04.6	53	152.8	07.5	13	212.7	10.5
34	34.0	01.7	94	93.9	04.6	54	153.8	07.6	14	213.7	10.5
35	35.0	01.7	95	94.9	04.7	55	154.8	07.6	15	214.7	10.6
36	36.0	01.8	96	95.9	04.7	56	155.8	07.7	16	215.7	10.6
37	37.0	01.8	97	96.9	04.8	57	156.8	07.7	17	216.7	10.7
38	38.0	01.9	98	97.9	04.8	58	157.8	07.8	18	217.7	10.7
39	39.0	01.9	99	98.9	04.9	59	158.8	07.8	19	218.7	10.8
40	40.0	02.0	100	99.9	04.9	60	159.8	07.9	20	219.7	10.8
41	41.0	02.0	101	100.9	05.0	161	160.8	07.9	221	220.7	10.9
42	41.9	02.1	02	101.9	05.0	62	161.8	08.0	22	221.7	10.9
43	42.9	02.1	03	102.9	05.1	63	162.8	08.0	23	222.7	11.0
44	43.9	02.2	04	103.9	05.1	64	163.8	08.1	24	223.7	11.0
45	44.9	02.2	05	104.9	05.2	65	164.8	08.1	25	224.7	11.1
46	45.9	02.3	06	105.9	05.2	66	165.8	08.2	26	225.7	11.1
47	46.9	02.3	07	106.9	05.3	67	166.8	08.2	27	226.7	11.2
48	47.9	02.4	08	107.9	05.3	68	167.8	08.3	28	227.7	11.2
49	48.9	02.4	09	108.9	05.4	69	168.8	08.3	29	228.7	11.3
50	49.9	02.5	10	109.9	05.4	70	169.8	08.4	30	229.7	11.3
51	50.9	02.5	111	110.9	05.5	171	170.8	08.4	231	230.7	11.4
52	51.9	02.6	12	111.9	05.5	72	171.8	08.5	32	231.7	11.4
53	52.9	02.6	13	112.9	05.5	73	172.8	08.5	33	232.7	11.5
54	53.9	02.7	14	113.9	05.6	74	173.8	08.5	34	233.7	11.5
55	54.9	02.7	15	114.9	05.6	75	174.8	08.6	35	234.7	11.5
56	55.9	02.8	16	115.9	05.7	76	175.8	08.6	36	235.7	11.6
57	56.9	02.8	17	116.9	05.7	77	176.8	08.7	37	236.7	11.6
58	57.9	02.9	18	117.9	05.8	78	177.8	08.7	38	237.7	11.7
59	58.9	02.9	19	118.9	05.8	79	178.8	08.8	39	238.7	11.7
60	59.9	02.0	20	119.9	05.9	80	179.8	08.8	40	239.7	11.8
Dist	Abw.	Br.	Dist	Abw.	Br.	Dist	Abw.	Br.	Dist	Abw.	Br.

Dist	Br.	Abw.	Dist	Br.	Abw.	Dist	Br.	Abw.	Dist	Br.	Abw.
1	01.0	00.1	61	60.7	06.0	121	120.4	11.8	181	180.1	17.7
2	02.0	00.2	62	61.7	06.1	22	121.4	11.9	82	181.1	17.8
3	03.0	00.3	63	62.7	06.2	23	122.4	12.0	83	182.1	17.9
4	04.0	00.4	64	63.7	06.3	24	123.4	12.1	84	183.1	18.0
5	05.0	00.5	65	64.7	06.4	25	124.4	12.2	85	184.1	18.1
6	06.0	00.6	66	65.7	06.5	26	125.4	12.3	86	185.1	18.2
7	07.0	00.7	67	66.7	06.6	27	126.4	12.4	87	186.1	18.3
8	08.0	00.8	68	67.7	06.7	28	127.4	12.5	88	187.1	18.4
9	09.0	00.9	69	68.7	06.7	29	128.4	12.6	89	188.1	18.5
10	10.0	01.0	70	69.7	06.8	30	129.4	12.7	90	189.1	18.6
11	10.9	01.1	71	70.7	06.9	131	130.4	12.8	191	190.1	18.7
12	11.9	01.2	72	71.7	07.0	32	131.4	12.9	92	191.1	18.8
13	12.9	01.3	73	72.6	07.1	33	132.4	13.0	93	192.1	18.9
14	13.9	01.4	74	73.6	07.2	34	133.4	13.1	94	193.1	18.0
15	14.9	01.5	75	74.6	07.3	35	134.4	13.2	95	194.1	18.1
16	15.9	01.6	76	75.6	07.4	36	135.3	13.3	96	195.1	18.2
17	16.9	01.7	77	76.6	07.5	37	136.3	13.4	97	196.1	18.3
18	17.9	01.8	78	77.6	07.6	38	137.3	13.5	98	197.0	19.4
19	18.9	01.9	79	78.6	07.7	39	138.3	13.6	99	198.0	19.5
20	19.9	02.0	80	79.6	07.8	40	139.3	13.7	200	199.0	19.6
21	20.9	02.1	81	80.6	07.9	141	140.3	13.8	201	200.0	19.7
22	21.9	02.2	82	81.6	08.0	42	141.3	13.9	02	201.0	19.8
23	22.9	02.2	83	82.6	08.1	43	142.3	14.0	03	202.0	19.9
24	23.9	02.3	84	83.6	08.2	44	143.3	14.1	04	203.0	20.0
25	24.9	02.4	85	84.6	08.3	45	144.3	14.2	05	204.0	20.1
26	25.9	02.5	86	85.6	08.4	46	145.3	14.3	06	205.0	20.2
27	26.9	02.6	87	86.6	08.5	47	146.3	14.4	07	206.0	20.2
28	27.9	02.7	88	87.6	08.6	48	147.3	14.5	08	207.0	20.3
29	28.9	02.8	89	88.6	08.7	49	148.3	14.6	09	208.0	20.4
30	29.9	02.9	90	89.6	08.8	50	149.3	14.7	10	209.0	20.5
31	30.9	03.0	91	90.6	08.9	151	150.3	14.8	211	210.0	20.6
32	31.8	03.1	92	91.6	09.0	52	151.3	14.9	12	211.0	20.7
33	32.8	03.2	93	92.6	09.1	53	152.3	15.0	13	212.0	20.8
34	33.8	03.3	94	93.5	09.2	54	153.3	15.1	14	213.0	20.9
35	34.8	03.4	95	94.5	09.3	55	154.3	15.2	15	214.0	21.0
36	35.8	03.5	96	95.5	09.4	56	155.3	15.3	16	215.0	21.1
37	36.8	03.6	97	96.5	09.5	57	156.2	15.4	17	216.0	21.2
38	37.8	03.7	98	97.5	09.6	58	157.2	15.5	18	217.0	21.3
39	38.8	03.8	99	98.5	09.7	59	158.2	15.6	19	217.9	21.4
40	39.8	03.9	100	99.5	09.8	60	159.2	15.7	20	218.9	21.5
41	40.8	04.0	101	100.5	09.9	161	160.2	15.7	221	219.9	21.6
42	41.8	04.1	02	101.5	10.0	62	161.2	15.8	22	220.9	21.7
43	42.8	04.2	03	102.5	10.1	63	162.2	15.9	23	221.9	21.8
44	43.8	04.3	04	103.5	10.2	64	163.2	16.0	24	222.9	21.9
45	44.8	04.4	05	104.5	10.3	65	164.2	16.1	25	223.9	22.0
46	45.8	04.5	06	105.5	10.4	66	165.2	16.2	26	224.9	22.1
47	46.8	04.6	07	106.5	10.5	67	166.2	16.3	27	225.9	22.2
48	47.8	04.7	08	107.5	10.6	68	167.2	16.4	28	226.9	22.3
49	48.8	04.8	09	108.5	10.7	69	168.2	16.5	29	227.9	22.4
50	49.8	04.9	10	109.5	10.8	70	169.2	16.6	30	228.9	22.5
51	50.8	05.0	111	110.5	10.9	171	170.2	16.7	231	229.9	22.6
52	51.8	05.1	12	111.5	11.0	72	171.2	16.8	32	230.9	22.7
53	52.7	05.2	13	112.5	11.1	73	172.2	16.9	33	231.9	22.8
54	53.7	05.3	14	113.5	11.2	74	173.2	17.0	34	232.9	22.9
55	54.7	05.4	15	114.4	11.2	75	174.2	17.1	35	233.9	23.0
56	55.7	05.5	16	115.4	11.3	76	175.2	17.2	36	234.9	23.1
57	56.7	05.6	17	116.4	11.4	77	176.2	17.3	37	235.9	23.2
58	57.7	05.7	18	117.4	11.5	78	177.1	17.4	38	236.9	23.3
59	58.7	05.8	19	118.4	11.6	79	178.1	17.5	39	237.9	23.4
60	59.7	05.9	20	119.4	11.7	80	179.1	17.6	40	238.8	23.5
Dist	Abw.	Br.	Dist	Abw.	Br.	Dist	Abw.	Br.	Dist	Abw.	Br.

Dist	Br.	Abw.	Dist	Br.	Abw.	Dist	Br.	Abw.	Dist	Br.	Abw.
1	01.0	00.1	61	60.3	08.9	121	119.7	17.7	181	179.0	26.5
2	02.0	00.3	62	61.3	09.1	122	120.7	17.8	182	180.0	26.7
3	03.0	00.4	63	62.3	09.2	123	121.7	18.0	183	181.0	26.8
4	04.0	00.6	64	63.3	09.4	124	122.7	18.2	184	182.0	27.0
5	04.9	00.7	65	64.3	09.5	125	123.6	18.3	185	183.0	27.1
6	05.9	00.9	66	65.3	09.7	126	124.6	18.5	186	184.0	27.3
7	06.9	01.0	67	66.3	09.8	127	125.6	18.6	187	185.0	27.4
8	07.9	01.2	68	67.3	10.0	128	126.6	18.8	188	186.0	27.6
9	08.9	01.3	69	68.2	10.1	129	127.6	18.9	189	186.9	27.7
10	09.9	01.5	70	69.2	10.3	130	128.6	19.1	190	187.9	27.9
11	10.9	01.6	71	70.2	10.4	131	129.6	19.2	191	188.9	28.0
12	11.9	01.8	72	71.2	10.6	132	130.6	19.4	192	189.9	28.2
13	12.9	01.9	73	72.2	10.7	133	131.6	19.5	193	190.9	28.3
14	13.8	02.1	74	73.2	10.8	134	132.5	19.6	194	191.9	28.5
15	14.8	02.2	75	74.2	11.0	135	133.5	19.8	195	192.9	28.6
16	15.8	02.3	76	75.2	11.1	136	134.5	19.9	196	193.9	28.7
17	16.8	02.5	77	76.2	11.2	137	135.5	20.1	197	194.9	28.9
18	17.8	02.6	78	77.1	11.4	138	136.5	20.2	198	195.8	29.0
19	18.8	02.8	79	78.1	11.6	139	137.5	20.4	199	196.8	29.2
20	19.8	02.9	80	79.1	11.7	140	138.5	20.5	200	197.8	29.3
21	20.8	03.1	81	80.1	11.9	141	139.5	20.7	201	198.8	29.5
22	21.8	03.2	82	81.1	12.0	142	140.5	20.8	202	199.8	29.6
23	22.7	03.4	83	82.1	12.2	143	141.4	21.0	203	200.8	29.8
24	23.7	03.5	84	83.1	12.3	144	142.4	21.1	204	201.8	29.9
25	24.7	03.7	85	84.1	12.5	145	143.4	21.3	205	202.8	30.1
26	25.7	03.8	86	85.1	12.6	146	144.4	21.4	206	203.8	30.2
27	26.7	04.0	87	86.1	12.8	147	145.4	21.6	207	204.7	30.4
28	27.7	04.1	88	87.0	12.9	148	146.4	21.7	208	205.7	30.5
29	28.7	04.3	89	88.0	13.0	149	147.4	21.8	209	206.7	30.6
30	29.7	04.4	90	89.0	13.2	150	148.4	22.0	210	207.7	30.8
31	30.7	04.5	91	90.0	13.3	151	149.4	22.1	211	208.7	30.9
32	31.7	04.7	92	91.0	13.5	152	150.3	22.3	212	209.7	31.1
33	32.6	04.8	93	92.0	13.6	153	151.3	22.4	213	210.7	31.2
34	33.6	05.0	94	93.0	13.8	154	152.3	22.6	214	211.7	31.4
35	34.6	05.1	95	94.0	13.9	155	153.3	22.7	215	212.7	31.5
36	35.6	05.3	96	95.0	14.1	156	154.3	22.9	216	213.7	31.7
37	36.6	05.4	97	95.9	14.2	157	155.3	23.0	217	214.6	31.8
38	37.6	05.6	98	96.9	14.4	158	156.3	23.2	218	215.6	32.0
39	38.6	05.7	99	97.9	14.5	159	157.3	23.3	219	216.6	32.1
40	39.6	05.9	100	98.9	14.7	160	158.3	23.5	220	217.6	32.3
41	40.6	06.0	101	99.9	14.8	161	159.2	23.6	221	218.6	32.4
42	41.5	06.2	102	100.9	15.0	162	160.2	23.8	222	219.6	32.6
43	42.5	06.3	103	101.9	15.1	163	161.2	23.9	223	220.6	32.7
44	43.5	06.5	104	102.9	15.3	164	162.2	24.0	224	221.6	32.8
45	44.5	06.6	105	103.9	15.4	165	163.2	24.2	225	222.6	33.0
46	45.5	06.7	106	104.8	15.5	166	164.2	24.3	226	223.5	33.1
47	46.5	06.9	107	105.8	15.7	167	165.2	24.5	227	224.5	33.3
48	47.5	07.0	108	106.8	15.8	168	166.2	24.6	228	225.5	33.4
49	48.5	07.2	109	107.8	16.0	169	167.2	24.8	229	226.5	33.6
50	49.5	07.3	110	108.8	16.1	170	168.1	24.9	230	227.5	33.7
51	50.4	07.5	111	109.8	16.3	171	169.1	25.1	231	228.5	33.9
52	51.4	07.6	112	110.8	16.4	172	170.1	25.2	232	229.5	34.0
53	52.4	07.8	113	111.8	16.6	173	171.1	25.4	233	230.5	34.2
54	53.4	07.9	114	112.8	16.7	174	172.1	25.5	234	231.5	34.3
55	54.4	08.1	115	113.7	16.9	175	173.1	25.7	235	232.4	34.5
56	55.4	08.2	116	114.7	17.0	176	174.1	25.8	236	233.4	34.6
57	56.4	08.4	117	115.7	17.2	177	175.1	26.0	237	234.4	34.8
58	57.4	08.5	118	116.7	17.3	178	176.1	26.1	238	235.4	34.9
59	58.4	08.6	119	117.7	17.5	179	177.1	26.3	239	236.4	35.0
60	59.3	08.8	120	118.7	17.6	180	178.0	26.4	240	237.4	35.2
Dist	Abw.	Br.	Dist	Abw.	Br.	Dist	Abw.	Br.	Dist	Abw.	Br.

Dist	Br.	Abw.	Dist	Br.	Abw.	Dist	Br.	Abw.	Dist	Br.	Abw.
1	01.0	00.2	61	59.8	11.9	121	118.7	23.6	181	177.5	35.3
2	02.0	00.4	62	60.8	12.1	22	119.6	23.8	82	178.5	35.5
3	02.9	00.6	63	61.8	12.3	23	120.6	24.0	83	179.5	35.7
4	03.9	00.8	64	62.8	12.5	24	121.6	24.2	84	180.4	35.9
5	04.9	01.0	65	63.7	12.7	25	122.6	24.4	85	181.4	36.1
6	05.9	01.2	66	64.7	12.9	26	123.6	24.6	86	182.4	36.3
7	06.9	01.4	67	65.7	13.1	27	124.5	24.8	87	183.4	36.5
8	07.8	01.6	68	66.7	13.3	28	125.5	25.0	88	184.4	36.7
9	08.8	01.8	69	67.7	13.5	29	126.5	25.2	89	185.3	36.9
10	09.8	02.0	70	68.6	13.7	30	127.5	25.4	90	186.3	37.1
11	10.8	02.1	71	69.6	13.9	131	128.5	25.6	191	187.3	37.3
12	11.8	02.3	72	70.6	14.0	32	129.5	25.8	92	188.3	37.5
13	12.7	02.5	73	71.6	14.2	33	130.4	26.0	93	189.3	37.7
14	13.7	02.7	74	72.6	14.4	34	131.4	26.1	94	190.2	37.9
15	14.7	02.9	75	73.6	14.6	35	132.4	26.3	95	191.2	38.0
16	15.7	03.1	76	74.5	14.8	36	133.4	26.5	96	192.2	38.2
17	16.7	03.3	77	75.5	15.0	37	134.4	26.7	97	193.2	38.4
18	17.7	03.5	78	76.5	15.2	38	135.3	26.9	98	194.2	38.6
19	18.6	03.7	79	77.5	15.4	39	136.3	27.1	99	195.2	38.8
20	19.6	03.9	80	78.5	15.6	40	137.3	27.3	200	196.1	39.0
21	20.6	04.1	81	79.4	15.8	141	138.3	27.5	201	197.1	39.2
22	21.6	04.3	82	80.4	16.0	42	139.3	27.7	02	198.1	39.4
23	22.6	04.5	83	81.4	16.2	43	140.2	27.9	03	199.1	39.6
24	23.5	04.7	84	82.4	16.4	44	141.2	28.1	04	200.1	39.8
25	24.5	04.9	85	83.4	16.6	45	142.2	28.3	05	201.0	40.0
26	25.5	05.1	86	84.3	16.8	46	143.2	28.5	06	202.0	40.2
27	26.5	05.3	87	85.3	17.0	47	144.2	28.7	07	203.0	40.4
28	27.5	05.5	88	86.3	17.2	48	145.1	28.9	08	204.0	40.6
29	28.4	05.7	89	87.3	17.4	49	146.1	29.1	09	205.0	40.8
30	29.4	05.9	90	88.3	17.6	50	147.1	29.3	10	205.9	41.0
31	30.4	06.0	91	89.2	17.8	151	148.1	29.5	211	206.9	41.2
32	31.4	06.2	92	90.2	18.0	52	149.1	29.7	12	207.9	41.4
33	32.4	06.4	93	91.2	18.1	53	150.0	29.9	13	208.9	41.6
34	33.3	06.6	94	92.2	18.3	54	151.0	30.0	14	209.9	41.8
35	34.3	06.8	95	93.2	18.5	55	152.0	30.2	15	210.8	42.0
36	35.3	07.0	96	94.1	18.7	56	153.0	30.4	16	211.8	42.1
37	36.3	07.2	97	95.1	18.9	57	154.0	30.6	17	212.8	42.3
38	37.3	07.4	98	96.1	19.1	58	154.9	30.8	18	213.8	42.5
39	38.2	07.6	99	97.1	19.3	59	155.9	31.0	19	214.8	42.7
40	39.2	07.8	100	98.1	19.5	60	156.9	31.2	20	215.7	42.9
41	40.2	08.0	101	99.1	19.7	161	157.9	31.4	221	216.7	43.1
42	41.2	08.2	02	100.0	19.9	62	158.9	31.6	22	217.7	43.3
43	42.2	08.4	03	101.0	20.1	63	159.8	31.8	23	218.7	43.5
44	43.2	08.6	04	102.0	20.3	64	160.8	32.0	24	219.7	43.7
45	44.1	08.8	05	103.0	20.5	65	161.8	32.2	25	220.6	43.9
46	45.1	09.0	06	104.0	20.7	66	162.8	32.4	26	221.6	44.1
47	46.1	09.2	07	104.9	20.9	67	163.8	32.6	27	222.6	44.3
48	47.1	09.4	08	105.9	21.1	68	164.7	32.8	28	223.6	44.5
49	48.1	09.6	09	106.9	21.3	69	165.7	33.0	29	224.6	44.7
50	49.0	09.8	10	107.9	21.5	70	166.7	33.2	30	225.6	44.9
51	50.0	10.0	111	108.9	21.7	171	167.7	33.4	231	226.5	45.1
52	51.0	10.1	12	109.8	21.9	72	168.7	33.6	32	227.5	45.3
53	52.0	10.3	13	110.8	22.0	73	169.7	33.8	33	228.5	45.5
54	53.0	10.5	14	111.8	22.2	74	170.6	34.0	34	229.5	45.7
55	53.9	10.7	15	112.8	22.4	75	171.6	34.1	35	230.5	45.9
56	54.9	10.9	16	113.8	22.6	76	172.6	34.3	36	231.4	46.0
57	55.9	11.1	17	114.7	22.8	77	173.6	34.5	37	232.4	46.2
58	56.9	11.3	18	115.7	23.0	78	174.6	34.7	38	233.4	46.4
59	57.9	11.5	19	116.7	23.2	79	175.5	34.9	39	234.4	46.6
60	58.8	11.7	20	117.7	23.4	80	176.5	35.1	40	235.4	46.8
Dist	Abw.	Br.	Dist	Abw.	Br.	Dist	Abw.	Br.	Dist	Abw.	Br.

Dist	Br.	Abw.	Dist	Br.	Abw.	Dist	Br.	Abw.	Dist	Br.	Abw.
1	01.0	00.2	61	59.2	14.8	121	117.4	29.4	181	175.6	44.0
2	01.9	00.5	62	60.1	15.1	22	118.3	29.6	82	176.5	44.2
3	02.9	00.7	63	61.1	15.3	23	119.3	29.9	83	177.5	44.5
4	03.9	01.0	64	62.1	15.6	24	120.3	30.1	84	178.5	44.7
5	04.9	01.2	65	63.1	15.8	25	121.3	30.4	85	179.5	45.0
6	05.8	01.5	66	64.0	16.0	26	122.2	30.6	86	180.4	45.2
7	06.8	01.7	67	65.0	16.3	27	123.2	30.9	87	181.4	45.4
8	07.8	01.9	68	66.0	16.5	28	124.2	31.1	88	182.4	45.7
9	08.7	02.2	69	66.9	16.8	29	125.1	31.3	89	183.3	45.9
10	09.7	02.4	70	67.9	17.0	30	126.1	31.6	90	184.3	46.2
11	10.7	02.7	71	68.9	17.3	131	127.1	31.8	191	185.3	46.4
12	11.6	02.9	72	69.8	17.5	32	128.0	32.1	92	186.2	46.7
13	12.6	03.2	73	70.8	17.7	33	129.0	32.3	93	187.2	46.9
14	13.6	03.4	74	71.8	18.0	34	130.0	32.6	94	188.2	47.1
15	14.6	03.6	75	72.8	18.2	35	131.0	32.8	95	189.2	47.4
16	15.5	03.9	76	73.7	18.5	36	131.9	33.0	96	190.1	47.6
17	16.5	04.1	77	74.7	18.7	37	132.9	33.3	97	191.1	47.9
18	17.5	04.4	78	75.7	19.0	38	133.9	33.5	98	192.1	48.1
19	18.4	04.6	79	76.6	19.2	39	134.8	33.8	99	193.0	48.4
20	19.4	04.9	80	77.6	19.4	40	135.8	34.0	200	194.0	48.6
21	20.4	05.1	81	78.6	19.7	141	136.8	34.3	201	195.0	48.8
22	21.3	05.3	82	79.5	19.9	42	137.7	34.5	02	195.9	49.1
23	22.3	05.6	83	80.5	20.2	43	138.7	34.7	03	196.9	49.3
24	23.3	05.8	84	81.5	20.4	44	139.7	35.0	04	197.9	49.6
25	24.3	06.1	85	82.5	20.7	45	140.7	35.2	05	198.9	49.8
26	25.2	06.3	86	83.4	20.9	46	141.6	35.5	06	199.8	50.1
27	26.2	06.6	87	84.4	21.1	47	142.6	35.7	07	200.8	50.3
28	27.2	06.8	88	85.4	21.4	48	143.6	36.0	08	201.8	50.5
29	28.1	07.0	89	86.3	21.6	49	144.5	36.2	09	202.7	50.8
30	29.1	07.3	90	87.3	21.9	50	145.5	36.5	10	203.7	51.0
31	30.1	07.5	91	88.3	22.1	151	146.5	36.7	211	204.7	51.3
32	31.0	07.8	92	89.2	22.4	52	147.4	36.9	12	205.6	51.5
33	32.0	08.0	93	90.2	22.6	53	148.4	37.2	13	206.6	51.8
34	33.0	08.3	94	91.2	22.8	54	149.4	37.4	14	207.6	52.0
35	34.0	08.5	95	92.2	23.1	55	150.4	37.7	15	208.6	52.2
36	34.9	08.7	96	93.1	23.3	56	151.3	37.9	16	209.5	52.5
37	35.9	09.0	97	94.1	23.6	57	152.3	38.2	17	210.5	52.7
38	36.9	09.2	98	95.1	23.8	58	153.3	38.4	18	211.5	53.0
39	37.8	09.5	99	96.0	24.1	59	154.2	38.6	19	212.4	53.2
40	38.8	09.7	100	97.0	24.3	60	155.2	38.9	20	213.4	53.5
41	39.8	10.0	101	98.0	24.5	161	156.2	39.1	221	214.4	53.7
42	40.7	10.2	02	98.9	24.8	62	157.1	39.4	22	215.3	53.9
43	41.7	10.4	03	99.9	25.0	63	158.1	39.6	23	216.3	54.2
44	42.7	10.7	04	100.9	25.3	64	159.1	39.9	24	217.3	54.4
45	43.7	10.9	05	101.9	25.5	65	160.1	40.1	25	218.3	54.7
46	44.6	11.2	06	102.8	25.8	66	161.0	40.3	26	219.2	54.9
47	45.6	11.4	07	103.8	26.0	67	162.0	40.6	27	220.2	55.2
48	46.6	11.7	08	104.8	26.2	68	163.0	40.8	28	221.2	55.4
49	47.5	11.9	09	105.7	26.5	69	163.9	41.1	29	222.1	55.6
50	48.5	12.2	10	106.7	26.7	70	164.9	41.3	30	223.1	55.9
51	49.5	12.4	111	107.7	27.0	171	165.9	41.6	231	224.1	56.1
52	50.4	12.6	12	108.6	27.2	72	166.8	41.8	32	225.0	56.4
53	51.4	12.9	13	109.6	27.5	73	167.8	42.0	33	226.0	56.6
54	52.4	13.1	14	110.6	27.7	74	168.8	42.3	34	227.0	56.9
55	53.4	13.4	15	111.6	27.9	75	169.8	42.5	35	228.0	57.1
56	54.3	13.6	16	112.5	28.2	76	170.7	42.8	36	228.9	57.3
57	55.3	13.9	17	113.5	28.4	77	171.7	43.0	37	229.9	57.6
58	56.3	14.1	18	114.5	28.7	78	172.7	43.3	38	230.9	57.8
59	57.2	14.3	19	115.4	28.9	79	173.6	43.5	39	231.8	58.1
60	58.2	14.6	20	116.4	29.2	80	174.6	43.7	40	232.8	58.3
Dist	Abw.	Br.	Dist	Abw.	Br.	Dist	Abw.	Br.	Dist	Abw.	Br.

Dist	Br.	Abw.	Dist	Br.	Abw.	Dist	Br.	Abw.	Dist	Br.	Abw.
1	01.0	00.3	61	58.4	17.7	121	115.8	35.1	181	173.2	52.5
2	01.9	00.6	62	59.3	18.0	22	116.8	35.4	82	174.2	52.8
3	02.9	00.9	63	60.3	18.3	23	117.7	35.7	83	175.1	53.1
4	03.8	01.2	64	61.2	18.6	24	118.7	36.0	84	176.1	53.4
5	04.8	01.5	65	62.2	18.9	25	119.6	36.3	85	177.0	53.7
6	05.7	01.7	66	63.2	19.1	26	120.6	36.5	86	178.0	53.9
7	06.7	02.0	67	64.1	19.4	27	121.5	36.8	87	179.0	54.2
8	07.7	02.3	68	65.1	19.7	28	122.5	37.1	88	180.9	54.5
9	08.6	02.6	69	66.0	20.0	29	123.5	37.4	89	181.9	54.8
10	09.6	02.9	70	67.0	20.3	30	124.4	37.7	90	182.8	55.1
11	10.5	03.2	71	67.9	20.6	131	125.4	38.0	191	182.8	55.4
12	11.5	03.5	72	68.9	20.9	32	126.3	38.3	92	183.7	55.7
13	12.4	03.8	73	69.9	21.2	33	127.3	38.6	93	184.7	56.0
14	13.4	04.1	74	70.8	21.5	34	128.2	38.9	94	185.7	56.3
15	14.4	04.4	75	71.8	21.8	35	129.2	39.2	95	186.6	56.6
16	15.3	04.6	76	72.7	22.0	36	130.2	39.4	96	187.6	56.8
17	16.3	04.9	77	73.7	22.3	37	131.1	39.7	97	188.5	57.1
18	17.2	05.2	78	74.6	22.6	38	132.1	40.0	98	189.5	57.4
19	18.2	05.5	79	75.6	22.9	39	133.0	40.3	99	190.4	57.7
20	19.1	05.8	80	76.6	23.2	40	134.0	40.6	200	191.4	58.0
21	20.1	06.1	81	77.5	23.5	141	134.9	40.9	201	192.4	58.3
22	21.1	06.4	82	78.5	23.8	42	135.9	41.2	02	193.3	58.6
23	22.0	06.7	83	89.4	24.1	43	136.9	41.5	03	194.3	58.9
24	23.0	07.0	84	80.4	24.4	44	137.8	41.8	04	195.2	59.2
25	23.9	07.3	85	81.3	24.7	45	138.8	42.1	05	196.2	59.5
26	24.9	07.5	86	82.3	24.9	46	139.7	42.3	06	197.1	59.7
27	25.8	07.8	87	83.3	25.2	47	140.7	42.6	07	198.1	60.0
28	26.8	08.1	88	84.2	25.5	48	141.6	42.9	08	199.1	60.3
29	27.8	08.4	89	85.2	25.8	49	142.6	43.2	09	200.0	60.6
30	28.7	08.7	90	86.1	26.1	50	143.5	43.5	10	201.0	60.9
31	29.7	09.0	91	87.1	26.4	151	144.5	43.8	211	201.9	61.2
32	30.6	09.3	92	88.0	26.7	52	145.5	44.1	12	202.9	61.5
33	31.6	09.6	93	89.0	27.0	53	146.4	44.4	13	203.8	61.8
34	32.5	09.9	94	90.0	27.3	54	147.4	44.7	14	204.8	62.1
35	33.5	10.2	95	90.9	27.6	55	148.3	45.0	15	205.8	62.4
36	34.5	10.4	96	91.9	27.8	56	149.3	45.2	16	206.7	62.6
37	35.4	10.7	97	92.8	28.1	57	150.2	45.5	17	207.7	62.9
38	36.4	11.0	98	93.8	28.4	58	151.2	45.8	18	208.6	63.2
39	37.3	11.3	99	94.7	28.7	59	152.2	46.1	19	209.6	63.5
40	38.3	11.6	100	95.7	29.0	60	153.1	46.4	20	210.5	63.8
41	39.2	11.9	101	96.7	29.3	161	154.1	46.7	221	211.5	64.1
42	40.2	12.2	02	97.6	29.6	62	155.0	47.0	22	212.5	64.4
43	41.2	12.5	03	98.6	29.9	63	156.0	47.3	23	213.4	64.7
44	42.1	12.8	04	99.5	30.2	64	156.9	47.6	24	214.4	65.0
45	43.1	13.1	05	100.5	30.5	65	157.9	47.9	25	215.3	65.3
46	44.0	13.3	06	101.4	30.7	66	158.9	48.1	26	216.3	65.5
47	45.0	13.6	07	102.4	31.0	67	159.8	48.4	27	217.2	65.8
48	45.9	13.9	08	103.4	31.3	68	160.8	48.7	28	218.2	66.1
49	46.9	14.2	09	104.3	31.6	69	161.7	49.0	29	219.2	66.4
50	47.9	14.5	10	105.3	31.9	70	162.7	49.3	30	220.1	66.7
51	48.8	14.8	111	106.2	32.2	171	163.6	49.6	231	221.1	67.0
52	49.8	15.1	12	107.2	32.5	72	164.6	49.9	32	222.0	67.3
53	50.7	15.4	13	108.1	32.8	73	165.6	50.2	33	223.0	67.6
54	51.7	15.7	14	109.1	33.1	74	166.5	50.5	34	223.9	67.9
55	52.6	16.0	15	110.1	33.4	75	167.5	50.8	35	224.9	68.2
56	53.6	16.2	16	111.0	33.6	76	168.4	51.0	36	225.9	68.4
57	54.5	16.5	17	112.0	33.9	77	169.4	51.3	37	226.8	68.7
58	55.5	16.8	18	112.9	34.2	78	170.3	51.6	38	227.8	69.0
59	56.5	17.1	19	113.9	34.5	79	171.3	51.9	39	228.7	69.3
60	57.4	17.4	20	114.8	34.8	80	172.3	52.2	40	229.7	69.6
Dist	Abw.	Br.	Dist	Abw.	Br.	Dist	Abw.	Br.	Dist	Abw.	Br.

Dist	Br.	Abw.	Dist	Br.	Abw.	Dist	Br.	Abw.	Dist	Br.	Abw.
1	00.9	00.3	61	57.4	20.5	121	113.9	40.8	181	170.4	61.0
2	01.9	00.7	62	58.4	20.9	122	114.9	41.1	182	171.4	61.3
3	02.8	01.0	63	59.3	21.2	123	115.8	41.4	183	172.3	61.6
4	03.8	01.3	64	60.3	21.6	124	116.7	41.8	184	173.2	62.0
5	04.7	01.7	65	61.2	21.9	125	117.7	42.1	185	174.2	62.3
6	05.6	02.0	66	62.1	22.2	126	118.6	42.4	186	175.1	62.6
7	06.6	02.4	67	63.1	22.6	127	119.6	42.8	187	176.1	63.0
8	07.5	02.7	68	64.0	22.9	128	120.5	43.1	188	177.0	63.3
9	08.5	03.0	69	65.0	23.2	129	121.5	43.4	189	177.9	63.7
10	09.4	03.4	70	65.9	23.6	130	122.4	43.8	190	178.9	64.0
11	10.4	03.7	71	66.8	23.9	131	123.3	44.1	191	179.8	64.3
12	11.3	04.0	72	67.8	24.2	132	124.3	44.5	192	180.8	64.7
13	12.2	04.4	73	68.8	24.6	133	125.2	44.8	193	181.7	65.0
14	13.2	04.7	74	69.7	24.9	134	126.2	45.1	194	182.6	65.3
15	14.1	05.1	75	70.6	25.3	135	127.1	45.5	195	183.6	65.7
16	15.1	05.4	76	71.6	25.6	136	128.0	45.8	196	184.5	66.0
17	16.0	05.7	77	72.5	25.9	137	129.0	46.1	197	185.5	66.3
18	17.0	06.1	78	73.4	26.3	138	129.9	46.5	198	186.4	66.7
19	17.9	06.4	79	74.4	26.6	139	130.9	46.8	199	187.4	67.0
20	18.8	06.7	80	75.3	26.9	140	131.8	47.2	200	188.3	67.4
21	19.8	07.1	81	76.3	27.3	141	132.8	47.5	201	189.2	67.7
22	20.7	07.4	82	77.2	27.6	142	133.7	47.8	202	190.2	68.0
23	21.7	07.7	83	78.1	28.0	143	134.6	48.2	203	191.1	68.4
24	22.6	08.1	84	79.1	28.3	144	135.6	48.5	204	192.1	68.7
25	23.5	08.4	85	80.0	28.6	145	136.5	48.8	205	193.0	69.0
26	24.5	08.8	86	81.0	29.0	146	137.5	49.2	206	194.0	69.4
27	25.4	09.1	87	81.9	29.3	147	138.4	49.5	207	194.9	69.7
28	26.4	09.4	88	82.8	29.6	148	139.3	49.8	208	195.8	70.1
29	27.3	09.8	89	83.8	30.0	149	140.3	50.2	209	196.8	70.4
30	28.2	10.1	90	84.7	30.3	150	141.2	50.5	210	197.7	70.7
31	29.2	10.4	91	85.7	30.6	151	142.2	50.9	211	198.7	71.1
32	30.1	10.8	92	86.6	31.0	152	143.1	51.2	212	199.6	71.4
33	31.1	11.1	93	87.6	31.3	153	144.0	51.5	213	200.5	71.7
34	32.0	11.5	94	88.5	31.7	154	145.0	51.9	214	201.5	72.1
35	33.0	11.8	95	89.4	32.0	155	145.9	52.2	215	202.4	72.4
36	33.9	12.1	96	90.4	32.3	156	146.9	52.5	216	203.4	72.7
37	34.8	12.5	97	91.3	32.7	157	147.8	52.9	217	204.3	73.1
38	35.8	12.8	98	92.3	33.0	158	148.8	53.2	218	205.2	73.4
39	36.7	13.1	99	93.2	33.3	159	149.7	53.6	219	206.2	73.8
40	37.7	13.5	100	94.2	33.7	160	150.6	53.0	220	207.1	74.1
41	38.6	13.8	101	95.1	34.0	161	151.6	54.2	221	208.1	74.4
42	39.5	14.1	102	96.0	34.4	162	152.5	54.6	222	209.0	74.8
43	40.5	14.5	103	97.0	34.7	163	153.5	54.9	223	210.0	75.1
44	41.4	14.8	104	97.9	35.0	164	154.4	55.2	224	210.9	75.4
45	42.4	15.2	105	98.9	35.4	165	155.3	55.6	225	211.8	75.8
46	43.3	15.5	106	99.8	35.7	166	156.3	55.9	226	212.8	76.1
47	44.3	15.8	107	100.8	36.0	167	157.2	56.2	227	213.7	76.5
48	45.2	16.2	108	101.7	36.4	168	158.2	56.6	228	214.7	76.8
49	46.1	16.5	109	102.7	36.7	169	159.1	56.9	229	215.6	77.1
50	47.1	16.8	110	103.6	37.0	170	160.1	57.3	230	216.5	77.5
51	48.0	17.2	111	104.5	37.4	171	161.0	57.6	231	217.5	77.8
52	49.0	17.5	112	105.4	37.7	172	161.9	57.9	232	218.4	78.1
53	49.9	17.9	113	106.4	38.1	173	162.9	58.4	233	219.4	78.5
54	50.8	18.2	114	107.3	38.4	174	163.8	58.6	234	220.3	78.8
55	51.8	18.5	115	108.3	38.7	175	164.8	58.9	235	221.3	79.1
56	52.7	18.9	116	109.2	39.1	176	165.7	59.3	236	222.2	79.5
57	53.7	19.2	117	110.2	39.4	177	166.6	59.6	237	223.1	79.8
58	54.6	19.5	118	111.1	39.7	178	167.6	60.0	238	224.1	80.2
59	55.5	19.9	119	112.0	40.1	179	168.5	60.3	239	225.0	80.5
60	56.5	20.2	120	113.0	40.4	180	169.5	60.6	240	226.0	80.8
Dist	Abw.	Br.	Dist	Abw.	Br.	Dist	Abw.	Br.	Dist	Abw.	Br.

Dist	Br.	Abw.	Dist	Br.	Abw.	Dist	Br.	Abw.	Dist	Br.	Abw.
1	00.9	00.4	61	56.4	23.3	121	111.8	46.3	181	167.2	69.3
2	01.8	00.8	62	57.3	23.7	22	112.7	46.7	82	168.2	69.7
3	02.8	01.1	63	58.2	24.1	23	113.6	47.1	83	169.1	70.0
4	03.7	01.5	64	59.1	24.5	24	114.6	47.5	84	170.0	70.4
5	04.6	01.9	65	60.1	24.9	25	115.5	47.8	85	170.9	70.8
6	05.5	02.3	66	61.0	25.3	26	116.4	48.2	86	171.9	71.2
7	06.5	02.7	67	61.9	25.6	27	117.3	48.6	87	172.8	71.6
8	07.4	03.1	68	62.8	26.0	28	118.3	49.0	88	173.7	72.0
9	08.3	03.4	69	63.8	26.4	29	119.2	49.4	89	174.6	72.3
10	09.2	03.8	70	64.7	26.8	30	120.1	49.8	90	175.6	72.7
11	10.1	04.2	71	65.6	27.2	131	121.0	50.1	191	176.5	73.1
12	11.1	04.6	72	66.5	27.6	32	122.0	50.5	92	177.4	73.5
13	12.0	05.0	73	67.5	27.9	33	122.9	50.9	93	178.3	73.9
14	12.9	05.4	74	68.4	28.3	34	123.8	51.3	94	179.2	74.2
15	13.9	05.7	75	69.3	28.7	35	124.7	51.7	95	180.2	74.6
16	14.8	06.1	76	70.2	29.1	36	125.7	52.0	96	181.1	75.0
17	15.7	06.5	77	71.1	29.5	37	126.6	52.4	97	182.0	75.4
18	16.6	06.9	78	72.1	29.9	38	127.5	52.8	98	182.9	75.8
19	17.6	07.3	79	73.0	30.2	39	128.4	53.2	99	183.9	76.2
20	18.5	07.7	80	73.9	30.6	40	129.4	53.6	200	184.8	76.5
21	19.4	08.0	81	74.8	31.0	141	130.3	54.0	201	185.7	76.9
22	20.3	08.4	82	75.8	31.4	42	131.2	54.3	02	186.6	77.3
23	21.3	08.8	83	76.7	31.8	43	132.1	54.7	03	187.6	77.7
24	22.2	09.2	84	77.6	32.1	44	133.0	55.1	04	188.5	78.1
25	23.1	09.6	85	78.5	32.5	45	134.0	55.5	05	189.4	78.5
26	24.0	10.0	86	79.5	32.9	46	134.9	55.9	06	190.3	78.8
27	24.9	10.3	87	80.4	33.3	47	135.8	56.3	07	191.3	79.2
28	25.9	10.7	88	81.3	33.7	48	136.7	56.6	08	192.2	79.6
29	26.8	11.1	89	82.2	34.1	49	137.7	57.0	09	193.1	80.0
30	27.7	11.5	90	83.2	34.4	50	138.6	57.4	10	194.0	80.4
31	28.6	11.9	91	84.1	34.8	151	139.5	57.8	211	194.9	80.8
32	29.6	12.2	92	85.0	35.2	52	140.4	58.2	12	195.9	81.1
33	30.5	12.6	93	85.9	35.6	53	141.4	58.6	13	196.8	81.5
34	31.4	13.0	94	86.9	36.0	54	142.3	58.9	14	197.7	81.9
35	32.3	13.4	95	87.8	36.4	55	143.2	59.3	15	198.6	82.3
36	33.3	13.8	96	88.7	36.7	56	144.1	59.7	16	199.6	82.7
37	34.2	14.2	97	89.6	37.1	57	145.1	60.1	17	200.5	83.0
38	35.1	14.5	98	90.6	37.5	58	146.0	60.5	18	201.4	83.4
39	36.0	14.9	99	91.5	37.9	59	146.9	60.9	19	202.3	83.8
40	37.0	15.3	100	92.4	38.3	60	147.8	61.2	20	203.3	84.2
41	37.9	15.7	101	93.3	38.7	161	148.8	61.6	221	204.2	84.6
42	38.8	16.1	02	94.2	39.0	62	149.7	62.0	22	205.1	85.0
43	39.7	16.5	03	95.1	39.4	63	150.6	62.4	23	206.0	85.3
44	40.6	16.8	04	96.1	39.8	64	151.5	62.8	24	207.0	85.7
45	41.6	17.2	05	97.0	40.2	65	152.5	63.1	25	207.9	86.1
46	42.5	17.6	06	97.9	40.6	66	153.4	63.5	26	208.8	86.5
47	43.4	18.0	07	98.9	41.0	67	154.3	63.9	27	209.7	86.9
48	44.4	18.4	08	99.8	41.3	68	155.2	64.3	28	210.7	87.3
49	45.3	18.8	09	100.7	41.7	69	156.1	64.7	29	211.6	87.6
50	46.2	19.1	10	101.6	42.1	70	157.1	65.1	30	212.5	88.0
51	47.1	19.5	111	102.6	42.5	171	158.0	65.4	231	213.4	88.4
52	48.0	19.9	12	103.5	42.9	72	158.9	65.8	32	214.4	88.8
53	49.0	20.3	13	104.4	43.2	73	159.8	66.2	33	215.3	89.2
54	49.9	20.7	14	105.3	43.6	74	160.8	66.6	34	216.2	89.6
55	50.8	21.0	15	106.3	44.0	75	161.7	67.0	35	217.1	89.9
56	51.7	21.4	16	107.2	44.4	76	162.6	67.4	36	218.0	90.3
57	52.7	21.8	17	108.1	44.8	77	163.5	67.7	37	219.0	90.7
58	53.6	22.2	18	109.0	45.2	78	164.5	68.1	38	219.9	91.1
59	54.5	22.6	19	109.9	45.5	79	165.4	68.5	39	220.8	91.5
60	55.4	23.0	20	110.9	45.9	80	166.3	68.9	40	221.7	91.9
Dist	Abw.	Br.	Dist	Abw.	Br.	Dist	Abw.	Br.	Dist	Abw.	Br.

Dist.	Br.	Abw.	Dist.	Br.	Abw.	Dist.	Br.	Abw.	Dist.	Br.	Ab
1	00.9	00.6	61	52.3	31.4	121	103.8	62.2	181	155.2	93
2	01.7	01.0	62	53.2	31.9	22	104.6	62.7	82	156.1	93
3	02.6	01.5	63	54.0	32.4	23	105.5	63.2	83	157.0	94
4	03.4	02.1	64	54.9	32.9	24	106.4	63.7	84	157.8	94
5	04.3	02.6	65	55.8	33.4	25	107.2	64.2	85	158.7	95
6	05.1	03.1	66	56.6	33.9	26	108.1	64.8	86	159.5	95
7	06.0	03.6	67	57.5	34.4	27	108.9	65.3	87	160.4	96
8	06.9	04.1	68	58.3	35.0	28	109.8	65.8	88	161.2	96
9	07.7	04.6	69	59.2	35.5	29	110.6	66.3	89	162.1	97
10	08.6	05.1	70	60.0	36.0	3	111.5	66.8	90	163.0	97
11	09.4	05.7	71	60.9	36.5	131	112.4	67.3	191	163.8	98
12	10.3	06.2	72	61.8	37.0	32	113.2	67.8	92	164.7	98
13	11.2	06.7	73	62.6	37.6	33	114.1	68.4	93	165.5	99
14	12.0	07.2	74	63.5	38.0	34	114.9	68.9	94	166.4	99
15	12.9	07.7	75	64.3	38.6	35	115.8	69.4	95	167.3	100
16	13.7	08.2	76	65.2	39.1	36	116.6	69.9	96	168.1	100
17	14.6	08.7	77	66.0	39.6	37	117.5	70.4	97	169.0	101
18	15.4	09.3	78	66.9	40.1	38	118.4	70.9	98	169.8	101
19	16.3	09.8	79	67.8	40.6	39	119.2	71.4	99	170.7	102
20	17.2	10.3	80	68.6	41.1	40	120.1	72.0	00	171.5	102
21	18.0	10.8	81	69.5	41.6	141	120.9	72.5	201	172.4	103
22	18.9	11.3	82	70.3	42.2	42	121.8	73.0	02	173.3	103
23	19.7	11.8	83	71.2	42.7	43	122.7	73.5	03	174.1	104
24	20.6	12.3	84	72.0	43.2	44	123.5	74.0	04	175.0	104
25	21.4	12.9	85	72.9	43.7	45	124.4	74.6	05	175.8	105
26	22.3	13.4	86	73.8	44.2	46	125.2	75.0	06	176.7	105
27	23.2	13.9	87	74.6	44.7	47	126.1	75.6	07	177.5	106
28	24.0	14.4	88	75.5	45.2	48	126.9	76.1	08	178.4	106
29	24.9	14.9	89	76.3	45.7	49	127.8	76.6	09	179.3	107
30	25.7	15.4	90	77.2	46.3	50	128.7	77.1	10	180.1	107
31	26.6	15.9	91	78.1	46.8	151	129.5	77.6	211	181.0	108
32	27.4	16.4	92	78.9	47.3	52	130.4	78.1	12	181.8	109
33	28.3	17.0	93	79.8	47.8	53	131.2	78.6	13	182.7	109
34	29.2	17.5	94	80.6	48.3	54	132.1	79.1	14	183.5	110
35	30.0	18.0	95	81.5	48.8	55	132.9	79.7	15	184.4	110
36	30.9	18.5	96	82.3	49.3	56	133.8	80.2	16	185.3	111
37	31.7	19.0	97	83.2	49.9	57	134.7	80.7	17	186.1	111
38	32.6	19.5	98	84.1	50.4	58	135.5	81.2	18	187.0	112
39	33.5	20.0	99	85.9	50.9	59	136.4	81.7	19	187.8	112
40	34.3	20.6	100	85.8	51.4	60	137.2	82.2	20	188.7	113
41	35.2	21.1	101	86.6	51.9	161	138.1	82.7	221	189.6	113
42	36.0	21.6	02	87.5	52.4	62	138.9	83.3	22	190.4	114
43	36.9	22.9	03	88.3	52.9	63	139.8	83.8	23	191.3	114
44	37.7	22.6	04	89.2	53.4	64	140.7	84.3	24	192.1	115
45	38.6	23.1	05	90.1	54.0	65	141.5	84.8	25	193.0	115
46	39.5	23.6	06	90.9	54.5	66	142.4	85.3	26	193.8	116
47	40.3	24.2	07	91.8	55.0	67	143.2	85.8	27	194.7	116
48	41.2	24.7	08	92.6	55.5	68	144.1	86.3	28	195.6	117
49	42.0	25.2	09	93.5	56.0	69	145.0	86.9	29	196.4	117
50	42.9	25.7	10	94.3	56.5	70	145.8	87.4	30	197.3	118
51	43.7	26.2	111	95.2	57.0	171	146.7	87.9	231	198.1	118
52	44.6	26.7	12	96.1	57.6	72	147.5	88.4	32	199.0	119
53	45.5	27.2	13	96.9	58.1	73	148.4	88.9	33	199.8	119
54	46.3	27.8	14	97.8	58.6	74	149.2	89.4	34	200.7	120
55	47.2	28.3	15	98.6	59.1	75	150.1	89.9	35	201.6	120
56	48.0	28.8	16	99.5	59.6	76	151.0	90.4	36	202.4	121
57	48.9	29.3	17	100.4	60.1	77	151.8	91.0	37	203.3	121
58	49.7	29.8	18	101.2	60.6	78	152.7	91.5	38	204.1	122
59	50.6	20.3	19	102.1	61.2	79	153.5	92.0	39	205.0	122
60	51.5	20.8	20	102.9	61.7	80	154.4	92.5	40	205.8	122
Dist.	Abw.	Br.	Dist.	Abw.	Br.	Dist.	Abw.	Br.	Dist.	Abw.	D

5¼ Strich.

Dist.	Br.	Abw.	Dist.	Br.	Abw.	Dist.	Br.	Abw.	Dist.	Br.	Abw.
1	00.8	00.6	61	50.7	33.9	121	100.6	67.2	181	150.5	100.5
2	01.7	01.1	62	51.5	34.4	22	101.4	67.8	82	151.3	101.1
3	02.5	01.7	63	52.4	35.0	23	102.3	68.3	83	152.1	101.7
4	03.3	02.2	64	53.2	35.6	24	103.1	68.9	84	153.0	102.2
5	04.2	02.8	65	54.0	36.1	25	103.9	69.4	85	153.8	102.8
6	05.0	03.3	66	54.9	36.7	26	104.8	70.0	86	154.6	103.3
7	05.8	03.9	67	55.7	37.2	27	105.6	70.5	87	155.5	103.9
8	06.7	04.4	68	56.5	37.8	28	106.4	71.1	88	156.3	104.4
9	07.5	05.0	69	57.4	38.3	29	107.2	71.7	89	157.1	105.0
10	08.3	05.6	70	58.2	38.9	30	108.1	72.2	90	158.0	105.5
11	09.1	06.1	71	59.0	39.4	131	108.9	72.8	191	158.8	106.1
12	10.0	06.7	72	59.9	40.0	32	109.7	73.3	92	159.6	106.7
13	10.8	07.2	73	60.7	40.6	33	110.6	73.9	93	160.4	107.2
14	11.6	07.8	74	61.5	41.1	34	111.4	74.4	94	161.3	107.8
15	12.5	08.3	75	62.4	41.7	35	112.2	75.0	95	162.1	108.3
16	13.3	08.9	76	63.2	42.2	36	113.1	75.5	96	162.9	108.9
17	14.1	09.4	77	64.0	42.8	37	113.9	76.1	97	163.8	109.4
18	15.0	10.0	78	64.8	43.3	38	114.7	76.7	98	164.6	110.0
19	16.8	10.6	79	65.7	43.9	39	115.6	77.2	99	165.4	110.5
20	16.6	11.1	80	66.5	44.4	40	116.4	77.8	200	166.3	111.1
21	17.5	11.7	81	67.3	45.0	141	117.2	78.3	201	167.1	111.7
22	18.3	12.2	82	68.2	45.6	42	118.1	78.9	02	167.9	112.2
23	19.1	12.8	83	69.0	46.1	43	118.9	79.4	03	168.8	112.8
24	20.0	13.3	84	69.8	46.7	44	119.7	80.0	04	169.6	113.3
25	20.8	13.9	85	70.7	47.2	45	120.5	80.5	05	170.4	113.9
26	21.6	14.4	86	71.5	47.8	46	121.4	81.1	06	171.3	114.4
27	22.4	15.0	87	72.3	48.3	47	122.2	81.7	07	172.1	115.0
28	23.3	15.6	88	73.2	48.9	48	123.0	82.2	08	172.9	115.5
29	24.1	16.1	89	74.0	49.4	49	123.9	82.8	09	173.8	116.1
30	24.9	16.7	90	74.8	50.9	50	124.7	83.3	10	174.6	116.7
31	25.8	17.2	91	75.7	50.6	151	125.5	83.9	211	175.4	117.2
32	26.6	17.8	92	76.5	51.1	52	126.4	84.4	12	176.2	117.8
33	27.4	18.3	93	77.3	51.7	53	127.2	85.0	13	177.1	118.3
34	28.3	18.9	94	78.1	52.2	54	128.0	85.5	14	177.9	118.9
35	29.1	19.4	95	79.0	52.8	55	128.9	86.1	15	178.7	119.4
36	29.9	20.0	96	79.8	53.3	56	129.7	86.7	16	179.6	120.0
37	30.8	20.6	97	80.6	53.9	57	130.5	87.2	17	180.4	120.5
38	31.6	21.1	98	81.5	54.4	58	131.4	87.8	18	181.2	121.1
39	32.4	21.7	99	82.3	55.0	59	132.2	88.3	19	182.1	121.7
40	33.3	22.2	100	83.1	55.6	60	133.0	88.9	20	182.9	122.2
41	34.1	22.8	101	84.0	56.1	161	133.8	89.4	221	183.7	122.8
42	34.9	23.3	02	84.8	56.7	62	134.7	90.0	22	184.6	123.9
43	35.8	23.9	03	85.6	57.2	63	135.5	90.5	23	185.4	123.3
44	36.6	24.4	04	86.5	57.8	64	136.3	91.1	24	186.2	124.4
45	37.4	25.0	05	87.3	58.3	65	137.2	91.7	25	187.1	125.0
46	38.2	25.6	06	88.1	58.9	66	138.0	92.2	26	187.9	125.5
47	39.1	26.1	07	89.0	59.4	67	138.8	92.8	27	188.7	126.1
48	39.9	26.7	08	89.8	60.0	68	139.7	93.3	28	189.5	126.7
49	40.7	27.2	09	90.6	60.5	69	140.5	93.9	29	190.4	127.2
50	41.6	27.8	10	91.4	61.1	70	141.3	94.4	30	191.2	127.8
51	42.4	28.3	111	92.3	61.7	171	142.2	95.0	231	192.0	128.3
52	43.2	28.9	12	93.1	62.2	72	143.0	95.5	32	192.9	128.9
53	44.1	29.4	13	93.9	62.8	73	143.8	96.1	33	193.7	129.4
54	44.9	30.0	14	94.8	63.3	74	144.7	99.7	34	194.5	130.0
55	45.7	30.6	15	95.6	63.9	75	145.5	97.2	35	195.4	130.5
56	46.6	31.1	16	96.4	64.4	76	146.3	97.8	36	196.2	131.1
57	47.4	31.7	17	97.3	65.0	77	147.1	98.3	37	197.0	131.7
58	48.2	32.2	18	98.1	65.5	78	148.0	98.9	38	197.9	132.2
59	49.1	32.8	19	98.9	66.1	79	148.8	99.4	39	198.7	132.8
60	49.9	33.3	20	99.8	66.7	80	149.6	100.0	40	199.5	133.3
Dist.	Abw.	Br.	Dist.	Abw.	Br.	Dist.	Abw.	Br.	Dist.	Abw.	Br.

Dist.	Br.	Abw.	Dist.	Br.	Abw.	Dist.	Br.	Abw.	Dist.	Br.	Ab
1	00.8	00.6	61	49.0	36.3	121	97.2	72.1	181	145.4	107
2	01.6	01.2	62	49.8	36.9	22	98.0	72.7	82	146.2	108
3	02.4	01.8	63	50.6	37.5	23	98.8	73.3	83	147.0	109
4	03.2	02.4	64	51.4	38.1	24	99.6	73.9	84	147.8	109
5	04.0	03.0	65	52.2	38.7	25	100.4	74.5	85	148.6	110
6	04.8	03.6	66	53.0	39.3	26	101.2	75.1	86	149.4	110
7	05.6	04.2	67	53.8	39.9	27	102.0	75.7	87	150.2	111
8	06.4	04.8	68	54.6	40.5	28	102.8	76.3	88	151.0	112
9	07.2	05.4	69	55.4	41.1	29	103.6	76.9	89	151.8	112
10	08.0	06.0	70	56.2	41.7	30	104.4	77.4	90	152.6	113
11	08.8	06.6	71	57.0	42.3	131	105.2	78.0	191	153.4	113
12	09.6	07.1	72	57.8	42.9	32	106.0	78.6	92	154.2	114
13	10.4	07.7	73	58.6	43.5	33	106.8	79.2	93	155.0	115
14	11.2	08.3	74	59.4	44.1	34	107.6	79.8	94	155.8	115
15	12.0	08.9	75	60.2	44.7	35	108.4	80.4	95	156.6	116
16	12.8	09.5	76	61.0	45.3	36	109.2	81.0	96	157.4	116
17	13.7	10.1	77	61.8	45.9	37	110.0	81.6	97	158.2	117
18	14.5	10.7	78	62.6	46.5	38	110.8	82.2	98	159.0	118
19	15.3	11.3	79	63.4	47.1	39	111.6	82.8	99	159.8	118
20	16.1	11.9	80	64.2	47.7	40	112.4	83.4	200	160.6	119
21	16.9	12.5	81	65.0	48.3	141	113.2	84.0	201	161.4	119
22	17.7	13.1	82	65.8	48.9	42	114.0	84.6	02	162.2	120
23	18.5	13.7	83	66.7	49.4	43	114.8	85.2	03	163.0	120
24	19.3	14.3	84	67.5	50.0	44	115.6	85.8	04	163.8	121
25	20.1	14.9	85	68.3	50.6	45	116.4	86.4	05	164.6	122
26	20.9	15.5	86	69.1	51.2	46	117.2	87.0	06	165.4	122
27	21.7	16.1	87	69.9	51.8	47	118.0	87.6	07	166.2	123
28	22.5	16.7	88	70.7	52.4	48	118.8	88.2	08	167.0	123
29	23.3	17.3	89	71.5	53.0	49	119.7	88.8	09	167.8	12
30	24.1	17.9	90	72.3	53.6	50	120.5	89.4	10	168.6	12
31	24.9	18.5	91	73.1	54.2	151	121.3	90.0	211	169.4	12
32	25.7	19.1	92	73.9	54.8	52	122.1	90.6	12	170.2	12
33	26.5	19.7	93	74.7	55.4	53	122.9	91.1	13	171.0	12
34	27.3	20.3	94	75.5	56.0	54	123.7	91.7	14	171.8	12
35	28.1	20.9	95	76.3	56.6	55	124.5	92.3	15	172.7	12
36	28.9	21.4	96	77.1	57.2	56	125.3	92.9	16	173.5	12
37	29.7	22.0	97	77.9	57.8	57	126.1	93.5	17	174.3	12
38	30.5	22.6	98	78.7	58.4	58	126.9	94.1	18	175.1	12
39	31.3	23.2	99	79.5	59.0	59	127.7	94.7	19	175.9	13
40	32.1	23.8	100	80.3	59.6	60	128.5	95.3	20	176.7	13
41	32.9	24.4	101	81.1	60.2	161	129.3	95.9	221	177.5	13
42	33.7	25.0	02	81.9	60.8	62	130.1	96.5	22	178.3	13
43	34.5	25.6	03	82.7	61.4	63	130.9	97.1	23	179.1	13
44	35.3	26.2	04	83.5	62.0	64	131.7	97.7	24	179.9	13
45	36.1	26.8	05	84.3	62.6	65	132.5	98.3	25	180.7	13
46	36.9	27.4	06	85.1	63.1	66	133.3	98.9	26	181.5	13
47	37.7	28.0	07	85.9	63.7	67	134.1	99.5	27	182.3	13
48	38.5	28.6	08	86.7	64.3	68	134.9	100.1	28	183.1	13
49	39.3	29.2	09	87.5	64.9	69	135.7	100.7	29	183.9	13
50	40.2	29.8	10	88.3	65.5	70	136.5	101.3	30	184.7	13
51	41.0	30.4	111	89.1	66.1	171	137.3	101.9	231	185.5	13
52	41.8	31.0	12	89.9	66.7	72	138.1	102.5	32	186.3	13
53	42.6	31.6	13	90.7	67.3	73	138.9	103.1	33	187.1	13
54	43.4	32.2	14	91.5	67.9	74	139.7	103.7	34	187.9	13
55	44.2	32.8	15	92.4	68.5	75	140.5	104.3	35	188.7	13
56	45.0	33.4	16	93.2	69.1	76	141.3	104.9	36	189.5	13
57	45.8	34.0	17	94.0	69.7	77	142.1	105.4	37	190.3	13
58	46.6	34.6	18	94.8	70.3	78	142.9	106.0	38	191.1	13
59	47.1	35.1	19	95.6	70.9	79	143.7	106.6	39	191.9	13
60	48.2	35.7	20	96.4	71.5	80	144.5	107.2	40	192.7	13
Dist.	Abw.	Br.	Dist.	Abw.	Br.	Dist.	Abw.	Br.	Dist.	Abw.	

$4\frac{3}{4}$ Strich.

Dist.	Br.	Abw.
1	00.8	00.6
2	01.5	01.3
3	02.3	01.9
4	03.1	02.5
5	03.9	03.2
6	04.6	03.8
7	05.4	04.4
8	06.2	05.1
9	07.0	05.3
10	07.7	06.7
11	08.5	07.0
12	09.3	07.6
13	10.1	08.2
14	10.8	08.9
15	11.6	09.5
16	12.4	10.1
17	13.1	10.8
18	13.9	11.4
19	14.7	12.0
20	15.4	12.7
21	16.2	13.3
22	17.0	14.0
23	18.8	14.6
24	18.5	15.2
25	19.3	15.9
26	20.1	16.5
27	20.9	17.1
28	21.6	17.8
29	22.8	18.4
30	23.2	19.0
31	24.0	19.7
32	24.7	20.3
33	25.5	20.9
34	26.3	21.6
35	27.1	22.2
36	27.8	22.8
37	28.6	23.5
38	29.4	24.1
39	30.1	24.7
40	30.9	25.4
41	31.7	26.0
42	32.5	26.6
43	33.2	27.3
44	34.0	27.9
45	34.8	28.5
46	35.6	29.2
47	36.3	29.8
48	37.1	30.4
49	37.9	31.1
50	38.6	31.7
51	39.4	32.3
52	40.2	33.0
53	41.0	33.6
54	42.7	34.2
55	42.5	34.9
56	43.3	35.5
57	44.1	36.1
58	44.8	36.8
59	45.6	37.4
60	46.4	38.0
Dist.	Abw.	Br.

Dist.	Br.	Abw.
61	47.1	38.7
62	47.9	39.3
63	48.7	40.0
64	49.5	40.6
65	50.2	41.2
66	51.0	41.9
67	51.8	42.5
68	52.6	43.1
69	53.3	43.8
70	54.1	44.4
71	54.9	45.0
72	55.6	45.7
73	56.4	46.3
74	57.2	46.9
75	58.0	47.6
76	58.7	48.2
77	59.5	48.8
78	60.3	49.5
79	61.1	50.1
80	61.8	50.7
81	62.6	51.4
82	63.4	52.0
83	64.1	52.6
84	64.9	53.3
85	65.7	53.9
86	66.5	54.5
87	67.2	55.2
88	68.0	55.8
89	68.8	56.4
90	69.6	57.1
91	70.3	57.7
92	71.1	58.3
93	71.9	59.0
94	72.6	59.6
95	73.4	60.2
96	74.2	60.9
97	75.0	61.5
98	75.7	62.1
99	76.5	62.8
100	77.3	63.4
101	78.1	64.0
02	78.8	64.7
03	79.6	65.3
04	80.4	66.0
05	81.1	66.6
06	81.9	67.2
07	82.7	67.9
08	83.5	68.5
09	84.2	69.1
10	85.0	69.8
111	85.8	70.4
12	86.6	71.0
13	87.3	71.7
14	88.1	72.3
15	88.9	72.9
16	89.6	73.6
17	90.4	74.2
18	91.2	74.8
19	92.0	75.5
20	92.7	76.3
Dist.	Abw.	Br.

Dist.	Br.	Abw.
121	93.5	76.7
22	94.3	77.4
23	95.1	78.0
24	95.8	78.6
25	96.6	79.3
26	97.4	79.9
27	98.1	80.5
28	98.9	81.2
29	99.7	81.8
30	100.5	82.4
131	101.2	83.1
32	102.0	83.7
33	102.8	84.3
34	103.6	85.0
35	104.3	85.6
36	105.1	86.2
37	105.9	86.9
38	106.6	87.5
39	107.4	88.1
40	108.2	88.8
141	109.0	89.4
42	109.7	90.0
43	110.5	90.7
44	111.3	91.3
45	112.1	92.0
46	112.8	92.6
47	113.6	93.2
48	114.4	93.9
49	115.1	94.5
50	115.9	95.1
151	116.7	95.8
52	117.5	96.4
53	118.2	97.0
54	119.0	97.7
55	119.8	98.3
56	120.6	98.9
57	121.3	99.6
58	122.1	100.2
59	122.9	100.8
60	123.6	101.5
161	124.4	102.1
62	125.2	102.7
63	126.0	103.4
64	126.7	104.0
65	127.5	104.6
66	128.3	105.3
67	129.8	105.9
68	129.1	106.5
69	130.6	107.2
70	131.4	107.8
171	132.1	108.4
72	132.9	109.1
73	133.7	109.7
74	134.5	110.3
75	135.2	111.0
76	136.0	111.6
77	136.8	112.2
78	137.6	112.9
79	138.3	113.5
80	139.1	114.1
Dist.	Abw.	Br.

Dist.	Br.	Abw.
181	139.9	114.8
82	140.6	115.4
83	141.4	116.0
84	142.2	116.7
85	143.0	117.3
86	143.7	118.0
87	144.5	118.6
88	145.3	119.2
89	146.1	119.9
90	146.8	120.5
191	147.6	121.1
92	148.4	121.8
93	149.1	122.4
94	149.9	123.0
95	150.7	123.7
96	151.8	124.3
97	152.2	124.9
98	153.0	125.6
99	153.8	126.2
200	154.6	126.8
201	155.3	127.5
02	156.1	128.1
03	156.9	128.7
04	157.6	129.4
05	158.4	130.0
06	159.2	130.6
07	160.0	131.3
08	160.7	131.9
09	161.5	132.5
10	162.3	133.2
211	163.1	133.8
12	163.8	134.4
13	164.6	135.1
14	165.4	135.7
15	166.1	136.3
16	166.9	137.0
17	167.7	137.6
18	168.5	138.2
19	169.2	138.9
20	170.0	139.5
221	170.8	140.1
22	171.6	140.8
23	172.3	141.4
24	173.1	142.0
25	173.9	142.7
26	174.6	143.3
27	175.4	144.0
28	176.2	144.6
29	177.0	145.2
30	177.7	145.9
231	178.5	146.5
32	179.3	147.1
33	180.1	147.8
34	180.8	148.4
35	181.6	149.0
36	182.4	149.7
37	183.1	150.3
38	183.9	150.9
39	184.7	151.6
40	185.5	152.2
Dist.	Abw.	Br.

Dist.	Br.	Abw.	Dist.	Br.	Abw.	Dist.	Br.	Abw.	Dist.	Br.	Abw.
1	00.7	00.7	61	45.2	41.0	121	89.6	81.2	181	134.1	121.
2	01.5	01.3	62	45.9	41.6	22	90.4	81.9	82	134.8	122.
3	02.2	02.0	63	46.7	42.3	23	91.1	82.6	83	135.6	122.
4	03.0	02.7	64	47.4	43 0	24	91.9	83.3	84	136.3	123.
5	03.7	03.4	65	48.2	43.6	25	92.6	83.9	85	137.0	124.
6	04.4	04.0	66	48.9	44.3	26	93.3	84.6	86	137.8	124.
7	05.2	04.7	67	49.6	45.0	27	94.1	85.3	87	138.5	125.
8	05.9	05.4	68	50.4	45.7	28	94.8	85.9	88	139.3	126.
9	06.7	06.0	69	51.1	46.3	29	95.6	86.6	89	140.0	126.
10	07.4	06.7	70	51.9	47.0	30	96.3	87.3	90	140.7	127.
11	08.2	07.4	71	52.6	47.7	131	97.0	88.0	191	141.5	128.
12	08.9	08.1	72	53.3	48.3	32	97.8	88.6	92	142.2	128.
13	09.6	08.7	73	54.1	49.0	33	98.5	89.3	93	143.0	129.
14	10.4	09.4	74	54.8	49.7	34	99.3	90.0	94	143.7	130.
15	11.1	10.1	75	55.6	50.4	35	100.0	90.6	95	144.4	130.
16	11.9	10.7	76	56.3	51.0	36	100.7	91.3	96	145.2	131.
17	12.6	11.4	77	57.0	51.7	37	101.5	92.0	97	145.9	132.
18	13.3	12.1	78	57.8	52.4	38	102.2	92.7	98	146.7	132.
19	14.1	12.8	79	58.5	53.0	39	103.0	93.3	99	147.4	133.
20	14.8	13.4	80	59.3	53.7	40	103.7	94.0	200	148.2	134.
21	15.6	14.1	81	60.0	54.4	141	104.4	94.7	201	148.9	135.
22	16.3	14.8	82	60.7	55.1	42	105.2	95.3	02	149.6	135.
23	17.0	15.4	83	61.5	55.9	43	105.9	96.0	03	150.4	136.
24	17.8	16.1	84	62.2	56.4	44	106.7	96.7	04	151.9	137.
25	18.5	16.8	85	63.0	57.1	45	107.4	97.4	05	151.9	137.
26	19.3	17.5	86	63.7	57.7	46	108.2	98.0	06	152.6	138.
27	20.0	18.1	87	64.4	58.4	47	108.9	98.7	07	153.3	139.
28	20.7	18.8	88	65.2	59.1	48	109.6	99.4	08	154.1	139.
29	21.5	19.5	89	65.9	59.8	49	110.4	100.0	09	154.8	140.
30	22.2	20.1	90	66.7	60.4	50	111.1	100.7	10	155.6	141.
31	23.0	20.8	91	67.4	61.1	151	111.9	101.4	211	156.3	141.
32	23.7	21.5	92	68.2	61.8	52	112.6	102.1	12	157.0	142.
33	24.4	22.2	93	68.9	62.4	53	113.3	102.7	13	157.8	143.
34	25.2	22.8	94	69.6	63.1	54	114.1	103.4	14	158.5	143.
35	25.9	23.5	95	70.4	63.8	55	114.8	104 1	15	159.3	144.
36	26.7	24.2	96	71.1	64.5	56	115.6	104.7	16	160.0	145.
37	27.4	24.8	97	71.9	65.1	57	116.3	105.4	17	160.7	145.
38	28.2	25.5	98	72.6	65.8	58	117.0	106.1	18	161.5	146.
39	28.9	26.2	99	73.3	66.5	59	117.8	106.8	19	162.2	147.
40	29.6	26.9	100	74.1	67.1	60	118.5	107.4	20	163.0	147.
41	30.4	27.7	101	74.8	67.8	161	119.3	108.1	221	163.7	148.
42	31.1	28.2	02	75.6	68.5	62	120.0	108.8	22	164.4	149.
43	31.9	28.9	03	76.3	69.2	63	120.7	109.4	23	165.2	149.
44	32.6	29.5	04	77.0	69.8	64	121.5	110.1	24	165.9	150.
45	33.3	30.2	05	77.8	70.5	65	122.2	110.8	25	166.7	151.
46	34.1	30.9	06	78.5	71.2	66	123.0	111.5	26	167.4	151.
47	34.8	31.6	07	79.3	71.8	67	123.7	112.1	27	168.2	152.
48	35.6	32.2	08	80.0	72.5	68	124.4	112.8	28	168.9	153.
49	36.3	32.9	09	80.7	73.2	69	125.2	113.5	29	169.6	153.
50	37.0	33.6	10	81.5	73.9	70	125.9	114.1	30	170.4	154.
51	37.8	34.2	111	82.2	74.5	171	126.7	114.8	231	171.1	155.
52	38.5	34.9	12	83.0	75.2	72	127.4	115.5	32	171.9	155.
53	39.3	35.6	13	83.7	75.9	73	128.2	116.2	33	172.6	156.
54	40.0	36.3	14	84.4	76.5	74	128.9	116.8	34	173.3	157.
55	40.7	36.9	15	85.2	77.2	75	129.6	117.5	35	174.1	157.
56	41.5	37.6	16	85.9	77.9	76	130.4	118.2	36	174.8	158.
57	42.2	38.3	17	86.7	78.6	77	131.1	118.8	37	175.6	159.
58	43.0	38.9	18	87.4	79.2	78	131.9	119.5	38	176.3	159.
59	43.7	39.6	19	88.2	79.9	79	132.6	120.2	39	177.0	160.
60	44.5	40.3	20	88.9	80.6	80	133.3	120.9	40	177.8	161.
Dist.	Abw.	Br.	Dist.	Abw.	Br.	Dist.	Abw.	Br.	Dist.	Abw.	Br

Dist.	Br.	Abw.	Dist.	Br.	Abw.	Dist.	Br.	Abw.	Dist.	Br.	Abw.
1	00.7	00.7	61	43.1	43.1	121	85.6	85.6	181	128.0	128.0
2	01.4	01.4	62	43.8	43.8	22	86.3	86.3	82	128.7	128.7
3	02.1	02.1	63	44.5	44.5	23	87.0	87.0	83	129.4	129.4
4	02.8	02.8	64	45.3	45.3	24	87.7	87.7	84	130.1	130.1
5	03.5	03.5	65	46.0	46.0	25	88.4	88.4	85	130.8	130.8
6	04.2	04.2	66	46.7	46.7	26	89.1	89.1	86	131.5	131.5
7	04.9	04.9	67	47.4	47.4	27	89.8	89.8	87	132.1	132.1
8	05.7	05.7	68	48.1	48.1	28	90.5	90.5	88	132.9	132.9
9	06.4	06.4	69	48.8	48.8	29	91.2	91.2	89	133.6	133.6
10	07.1	07.1	70	49.5	49.5	30	91.9	91.9	90	134.3	134.3
11	07.8	07.8	71	50.2	50.2	131	92.6	92.6	191	135.1	135.1
12	08.5	08.5	72	50.9	50.9	32	93.3	93.3	92	135.8	135.8
13	09.2	09.2	73	51.6	51.6	33	94.0	94.0	93	136.5	136.5
14	09.9	09.9	74	52.3	52.3	34	94.7	94.7	94	137.2	137.2
15	10.6	10.6	75	53.0	53.0	35	95.5	95.5	95	137.9	137.9
16	11.3	11.3	76	53.7	53.7	36	96.2	96.2	96	138.6	138.6
17	12.0	12.0	77	54.4	54.4	37	96.9	96.9	97	139.3	139.3
18	12.7	12.7	78	55.2	55.2	38	97.6	97.6	98	140.0	140.0
19	13.4	13.4	79	55.9	55.9	39	98.3	98.3	99	140.7	140.7
20	14.1	14.1	80	56.6	56.6	40	99.0	99.0	200	141.4	141.4
21	14.8	14.8	81	57.3	57.3	141	99.7	99.7	201	142.1	142.1
22	15.6	15.6	82	58.0	58.0	42	100.4	100.4	02	142.8	142.8
23	16.3	16.3	83	58.7	58.7	43	101.1	101.1	03	143.5	143.5
24	17.0	17.0	84	59.4	59.4	44	101.8	101.8	04	144.2	144.2
25	17.7	17.7	85	60.1	60.1	45	102.5	102.5	05	144.9	144.9
26	18.4	18.4	86	60.8	60.8	46	103.2	103.2	06	145.7	145.7
27	19.1	19.1	87	61.5	61.5	47	103.9	103.9	07	146.4	146.4
28	19.8	19.8	88	62.2	62.2	48	104.6	104.6	08	147.1	147.1
29	20.5	20.5	89	62.9	62.9	49	105.4	105.4	09	147.8	147.8
30	21.2	21.2	90	63.6	63.6	50	106.1	106.1	10	148.5	148.5
31	21.9	21.9	91	64.3	64.3	151	106.8	106.8	211	149.2	149.2
32	22.6	22.6	92	65.1	65.1	52	107.5	107.5	12	149.9	149.9
33	23.3	23.3	93	65.8	65.8	53	108.2	108.2	13	150.6	150.6
34	24.0	24.0	94	66.5	66.5	54	108.9	108.9	14	151.3	151.3
35	24.7	24.7	95	67.2	67.2	55	109.6	109.6	15	152.0	152.0
36	25.5	25.5	96	67.9	67.9	56	110.3	110.3	16	152.7	152.7
37	26.2	26.2	97	68.6	68.6	57	111.0	111.0	17	153.4	153.4
38	26.9	26.9	98	69.3	69.3	58	111.7	111.7	18	154.1	154.1
39	27.6	27.6	99	70.0	70.0	59	112.4	112.4	19	154.8	154.8
40	28.3	28.3	100	70.7	70.7	60	113.1	113.1	20	155.6	155.6
41	29.0	29.0	101	71.5	71.4	161	113.8	113.9	221	156.3	156.3
42	29.7	29.7	02	72.1	72.1	62	114.5	114.5	22	157.0	157.0
43	30.4	30.4	03	72.8	72.8	63	115.3	115.3	23	157.7	157.7
44	31.1	31.1	04	73.5	73.5	64	116.0	116.0	24	158.4	158.4
45	31.8	31.8	05	74.2	74.2	65	116.7	116.7	25	159.1	159.1
46	32.5	32.5	06	74.9	74.9	66	117.4	117.4	26	159.8	159.8
47	33.2	33.2	07	75.7	75.7	67	118.1	118.1	27	160.5	160.5
48	33.9	33.9	08	76.4	76.4	68	118.8	118.8	28	161.2	161.2
49	34.6	34.6	09	77.1	77.1	69	119.5	119.5	29	161.9	161.9
50	35.4	35.4	10	77.8	77.8	70	120.2	120.2	30	162.6	162.6
51	36.1	36.1	111	78.5	78.5	171	120.9	120.9	231	163.3	163.3
52	36.8	36.8	12	79.2	79.2	72	121.6	121.6	32	164.0	164.0
53	37.5	37.5	13	79.9	79.9	73	122.3	122.3	33	164.7	164.7
54	38.2	38.2	14	80.6	80.6	74	123.0	123.0	34	165.5	165.5
55	38.9	38.9	15	81.3	81.3	75	123.7	123.7	35	166.2	166.2
56	39.6	39.6	16	82.0	82.0	76	124.4	124.4	36	166.9	166.9
57	40.3	40.3	17	82.7	82.7	77	125.2	125.2	37	167.6	167.6
58	41.0	41.0	18	83.4	83.4	78	125.9	125.9	38	168.3	168.3
59	41.7	41.7	19	84.1	84.1	79	126.6	126.6	39	169.0	169.0
60	42.4	42.4	20	84.8	84.8	80	127.3	127.3	40	169.7	169.7
Dist.	Abw.	Br.	Dist.	Abw.	Br.	Dist.	Abw.	Br.	Dist.	Abw.	Br.

Dist.	Br.	Abw.	Dist.	Br.	Abw.	Dist.	Br.	Abw.	Dist.	Br.	Ab
1	01.0	00.0	61	61.0	01.1	121	121.0	02.1	181	181.0	03
2	02.0	00.0	62	62.0	01.1	22	122.0	02.1	82	182.0	03
3	03.0	00.1	63	63.0	01.1	23	123.0	02.1	83	183.0	03
4	04.0	00.1	64	64.0	01.1	24	124.0	02.2	84	184.0	03
5	05.0	00.1	65	65.0	01.1	25	125.0	02.2	85	185.0	03
6	06.0	00.1	66	66.0	01.2	26	126.0	02.2	86	186.0	03
7	07.0	00.1	67	67.0	01.2	27	127.0	02.2	87	187.0	03
8	08.0	00.1	68	68.0	01.2	28	128.0	02.2	88	188.0	03
9	09.0	00.2	69	69.0	01.2	29	129.0	02.2	89	189.0	03
10	10.0	00.2	60	70.0	01.2	30	130.0	02.3	90	190.0	03
11	11.0	00.2	71	71.0	01.2	131	131.0	02.3	191	191.0	03
12	12.0	00.2	72	72.0	01.3	32	132.0	02.3	92	192.0	03
13	13.0	00.2	73	73.0	01.3	33	133.0	02.3	93	193.0	03
14	14.0	00.2	74	74.0	01.3	34	134.0	02.3	94	194.0	03
15	15.0	00.3	75	75.0	01.3	35	135.0	02.3	95	195.0	03
16	16.0	00.3	76	76.0	01.3	36	136.0	02.4	96	196.0	03
17	17.0	00.3	77	77.0	01.3	37	137.0	02.4	97	197.0	03
18	18.0	00.3	78	78.0	01.4	38	138.0	02.4	98	198.0	03
19	19.0	00.3	79	79.0	01.4	39	139.0	02.4	99	199.0	03
20	20.0	00.4	80	80.0	01.4	40	140.0	02.4	200	200.0	03
21	21.0	00.4	81	81.0	01.4	141	141.0	02.4	201	201.0	03
22	22.0	00.4	82	82.0	01.4	42	142.0	02.5	02	202.0	03
23	23.0	00.4	83	83.0	01.5	43	143.0	02.5	03	203.0	03
24	24.0	00.4	84	84.0	01.5	44	144.0	02.5	04	204.0	03
25	25.0	00.4	85	85.0	01.5	45	145.0	02.5	05	205.0	03
26	26.0	00.5	86	86.0	01.5	46	146.0	02.5	06	206.0	03
27	27.0	00.5	87	87.0	01.5	47	147.0	02.5	07	207.0	03
28	28.0	00.5	88	88.0	01.5	48	148.0	02.6	08	208.0	03
29	29.0	00.5	89	89.0	01.6	49	149.0	02.6	09	209.0	03
30	30.0	00.5	90	90.0	01.6	50	150.0	02.6	10	210.0	03
31	31.0	00.5	91	91.0	01.6	151	151.0	02.6	211	211.0	03
32	32.0	00.6	92	92.0	01.6	52	152.0	02.6	12	212.0	03
33	33.0	00.6	93	93.0	01.6	53	153.0	02.7	13	213.0	03
34	34.0	00.6	94	94.0	01.6	54	154.0	02.7	14	214.0	03
35	35.0	00.6	95	95.0	01.7	55	155.0	02.7	15	215.0	03
36	36.0	00.6	96	96.0	01.7	56	156.0	02.7	16	216.0	03
37	37.0	00.6	97	97.0	01.7	57	157.0	02.7	17	217.0	03
38	38.0	00.7	98	98.0	01.7	58	158.0	02.7	18	218.0	03
39	39.0	00.7	99	99.0	01.7	59	159.0	02.7	19	219.0	03
40	40.0	00.7	100	100.0	01.7	60	160.0	02.8	20	220.0	03
41	41.0	00.7	101	101.0	01.8	161	161.0	02.8	221	221.0	03
42	42.0	00.7	02	102.0	01.8	62	162.0	02.8	22	222.0	03
43	43.0	00.8	03	103.0	01.8	63	163.0	02.8	23	223.0	03
44	44.0	00.8	04	104.0	01.8	64	164.0	02.8	24	224.0	03
45	45.0	00.8	05	105.0	01.8	65	165.0	02.9	25	225.0	03
46	46.0	00.8	06	106.0	01.8	66	166.0	02.9	26	226.0	03
47	47.0	00.8	07	107.0	01.9	67	167.0	02.9	27	227.0	03
48	48.0	00.8	08	108.0	01.9	68	168.0	02.9	28	228.0	03
49	49.0	00.9	09	109.0	01.9	69	169.0	02.9	29	229.0	03
50	50.0	00.9	10	110.0	01.9	70	170.0	02.9	30	230.0	04
51	51.0	00.9	111	111.0	01.9	171	171.0	03.0	231	231.0	04
52	52.0	00.9	12	112.0	01.9	72	172.0	03.0	32	232.0	04
53	53.0	00.9	13	113.0	02.0	73	173.0	03.0	33	233.0	04
54	54.0	00.9	14	114.0	02.0	74	174.0	03.0	34	234.0	04
55	55.0	01.0	15	115.0	02.0	75	175.0	03.0	35	235.0	04
56	56.0	01.0	16	116.0	02.0	76	176.0	03.0	36	236.0	04
57	57.0	01.0	17	117.0	02.0	77	177.0	03.1	37	237.0	04
58	58.0	01.0	18	118.0	02.1	78	178.0	03.1	38	238.0	04
59	59.0	01.0	19	119.0	02.1	79	179.0	03.1	39	239.0	04
60	60.0	01.1	20	120.1	02.1	80	180.0	03.1	40	240.0	04
Dist.	Abw.	Br.	Dist.	Abw.	Br.	Dist.	Abw.	Br.	Dist.	Abw.	Br

Dist.	Br.	Abw.	Dist.	Br.	Abw.	Dist.	Br.	Abw.	Dist.	Br.	Abw.
1	01.0	00.0	61	61.0	02.1	121	120.9	04.2	181	180.9	06.3
2	02.0	00.1	62	62.0	02.2	22	121.9	04.3	82	181.9	06.4
3	03.0	00.1	63	63.0	02.2	23	122.9	04.3	83	182.9	06.4
4	04.0	00.1	64	64.0	02.2	24	123.9	04.3	84	183.9	06.4
5	05.0	00.2	65	65.0	02.3	25	124.9	04.4	85	184.9	06.5
6	06.0	00.2	66	66.0	02.3	26	125.9	04.4	86	185.9	06.5
7	07.0	00.2	67	67.0	02.3	27	126.9	04.4	87	186.9	06.5
8	08.0	00.3	68	68.0	02.4	28	127.9	04.5	88	187.9	06.6
9	09.0	00.3	69	69.0	02.4	29	128.9	04.5	89	188.9	06.6
10	00.0	00.3	70	70.0	02.4	30	129.9	04.6	90	189.9	06.7
11	11.0	00.4	71	71.0	02.5	131	130.9	04.6	191	190.9	06.7
12	12.0	00.4	72	72.0	02.5	32	131.9	04.6	92	191.9	06.7
13	13.0	00.5	73	73.0	02.5	33	132.9	04.7	93	192.9	06.8
14	14.0	00.5	74	74.0	02.6	34	133.9	04.7	94	193.9	06.8
15	15.0	00.5	75	75.0	02.6	35	134.9	04.7	95	194.9	06.8
16	16.0	00.6	76	76.0	02.7	36	135.9	04.8	96	195.9	06.9
17	17.0	00.6	77	77.0	02.7	37	136.9	04.8	97	196.9	06.9
18	18.0	00.6	78	78.0	02.7	38	137.9	04.8	98	197.9	06.9
19	19.0	00.7	79	79.0	02.8	39	138.9	04.9	99	198.9	07.0
20	20.0	00.7	80	80.0	02.8	40	139.9	04.9	200	199.9	07.0
21	21.0	00.7	81	81.0	02.8	141	140.9	04.9	201	200.9	07.0
22	22.0	00.8	82	81.9	02.9	42	141.9	05.0	02	201.9	07.1
23	23.0	00.8	83	82.9	02.9	43	142.9	05.0	03	202.9	07.1
24	24.0	00.8	84	83.9	02.9	44	143.9	05.0	04	203.9	07.1
25	25.0	00.9	85	84.9	03.0	45	144.9	05.1	05	204.9	07.2
26	26.0	00.9	86	85.9	03.9	46	145.9	05.1	06	205.9	07.2
27	27.0	00.9	87	86.9	03.0	47	146.9	05.1	07	206.9	07.2
28	28.0	01.0	88	87.9	03.1	48	147.9	05.2	08	207.9	07.3
29	29.0	01.0	89	88.9	03.1	49	148.9	05.2	09	208.9	07.3
30	30.0	01.1	90	89.9	03.1	50	149.9	05.3	10	209.9	07.4
31	31.0	01.1	91	90.9	03.2	151	150.9	05.3	211	210.9	07.4
32	32.0	01.1	92	91.9	03.2	52	151.9	05.3	12	211.9	07.4
33	33.0	01.2	93	92.9	03.2	53	152.9	05.4	13	212.9	07.5
34	34.0	01.2	94	93.9	03.3	54	153.9	05.4	14	213.9	07.5
35	35.0	01.2	95	94.9	03.3	55	154.9	05.4	15	214.9	07.5
36	36.0	01.3	96	95.9	03.4	56	155.9	05.5	16	215.9	07.6
37	37.0	01.3	97	96.9	03.4	57	156.9	05.5	17	216.9	07.6
38	38.0	01.3	98	97.9	03.4	58	157.9	05.5	18	217.9	07.6
39	39.0	01.4	99	98.9	03.5	59	158.9	05.6	19	218.9	07.7
40	40.0	01.4	100	99.9	03.5	60	159.9	05.6	20	219.9	07.7
41	41.0	01.4	101	100.9	03.5	161	160.9	05.6	221	220.9	07.7
42	42.0	01.5	02	101.9	03.6	62	161.9	05.7	22	221.9	07.8
43	43.0	01.5	03	102.9	03.6	63	162.9	05.7	23	222.9	07.8
44	44.0	01.5	04	103.9	03.6	64	163.9	05.7	24	223.9	07.8
45	45.0	01.6	05	104.9	03.7	65	164.9	05.8	25	224.9	07.9
46	46.0	01.6	06	105.9	03.7	66	165.9	05.8	26	225.9	07.9
47	47.0	01.6	07	106.9	03.7	67	166.9	05.8	27	226.9	07.9
48	48.0	01.7	08	107.9	03.8	68	167.9	05.9	28	227.9	08.0
49	49.0	01.7	09	108.9	03.8	69	168.9	05.9	29	228.9	08.0
50	50.0	01.7	10	109.9	03.8	70	169.9	06.0	30	229.9	08.1
51	51.0	01.8	111	100.9	03.9	171	170.9	06.0	231	230.9	08.1
52	52.0	01.8	12	101.9	03.9	72	171.9	06.0	32	231.9	08.1
53	53.0	01.8	13	102.9	04.0	73	172.9	06.1	33	232.9	08.2
54	54.0	01.9	14	103.9	04.0	74	173.9	06.1	34	233.9	08.2
55	55.0	01.9	15	104.9	04.0	75	174.9	06.1	35	234.9	08.2
56	56.0	02.0	16	105.9	04.1	76	175.9	06.2	36	235.9	08.3
57	57.0	02.0	17	106.9	04.1	77	176.9	06.2	37	236.9	08.3
58	58.0	02.0	18	107.9	04.1	78	177.9	06.2	38	237.9	08.3
59	59.0	02.1	19	108.9	04.2	79	178.9	06.3	39	238.9	08.4
60	60.0	02.1	20	109.9	04.2	80	179.9	06.3	40	239.9	08.4
Dist.	Abw.	Br.	Dist.	Abw.	Br.	Dist.	Abw.	Br.	Dist.	Abw.	Br.

Dist	Br.	Abw.	Dist	Br.	Abw.	Dist	Br.	Abw.	Dist	Br.	Abw.
1	01.0	00.0	61	61.0	01.1	121	121.0	02.1	181	181.0	03.1
2	02.0	00.0	62	62.0	01.1	22	122.0	02.1	82	182.0	03.1
3	03.0	00.1	63	63.0	01.1	23	123.0	02.1	83	183.0	03.2
4	04.0	00.1	64	64.0	01.1	24	124.0	02.2	84	184.0	03.2
5	05.0	00.1	65	65.0	01.1	25	125.0	02.2	85	185.0	03.2
6	06.0	00.1	66	66.0	01.2	26	126.0	02.2	86	186.0	03.2
7	07.0	00.1	67	67.0	01.2	27	127.0	02.2	87	187.0	03.2
8	08.0	00.1	68	68.0	01.2	28	128.0	02.2	88	188.0	03.2
9	09.0	00.2	69	69.0	01.2	29	129.0	02.2	89	189.0	03.3
10	10.0	00.2	70	70.0	01.2	30	130.0	02.3	90	190.0	03.3
11	11.0	00.2	71	71.0	01.2	131	131.0	02.3	191	191.0	03.3
12	12.0	00.2	72	72.0	01.3	32	132.0	02.3	92	192.0	03.3
13	13.0	00.2	73	73.0	01.3	33	133.0	02.3	93	193.0	03.3
14	14.0	00.2	74	74.0	01.3	34	134.0	02.3	94	194.0	03.3
15	15.0	00.3	75	75.0	01.3	35	135.0	02.3	95	195.0	03.4
16	16.0	00.3	76	76.0	01.3	36	136.0	02.4	96	196.0	03.4
17	17.0	00.3	77	77.0	01.3	37	137.0	02.4	97	197.0	03.4
18	18.0	00.3	78	78.0	01.4	38	138.0	02.4	98	198.0	03.4
19	19.0	00.3	79	79.0	01.4	39	139.0	02.4	99	199.0	03.4
20	20.0	00.4	80	80.0	01.4	40	140.0	02.4	200	200.0	03.4
21	21.0	00.4	81	81.0	01.4	141	141.0	02.4	201	201.0	03.5
22	22.0	00.4	82	82.0	01.4	42	142.0	02.5	02	202.0	03.5
23	23.0	00.4	83	83.0	01.5	43	143.0	02.5	03	203.0	03.5
24	24.0	00.4	84	84.0	01.5	44	144.0	02.5	04	204.0	03.5
25	25.0	00.4	85	85.0	01.5	45	145.0	02.5	05	205.0	03.5
26	26.0	00.5	86	86.0	01.5	46	146.0	02.5	06	206.0	03.5
27	27.0	00.5	87	87.0	01.5	47	147.0	02.5	07	207.0	03.6
28	28.0	00.5	88	88.0	01.5	48	148.0	02.6	08	208.0	03.6
29	29.0	00.5	89	89.0	01.6	49	149.0	02.6	09	209.0	03.6
30	30.0	00.5	90	90.0	01.6	50	150.0	02.6	10	210.0	03.6
31	31.0	00.5	91	91.0	01.6	151	151.0	02.6	211	211.0	03.6
32	32.0	00.6	92	92.0	01.6	52	152.0	02.6	12	212.0	03.6
33	33.0	00.6	93	93.0	01.6	53	153.0	02.7	13	213.0	03.7
34	34.0	00.6	94	94.0	01.6	54	154.0	02.7	14	214.0	03.7
35	35.0	00.6	95	95.0	01.7	55	155.0	02.7	15	215.0	03.7
36	36.0	00.6	96	96.0	01.7	56	156.0	02.7	16	216.0	03.7
37	37.0	00.6	97	97.0	01.7	57	157.0	02.7	17	217.0	03.7
38	38.0	00.7	98	98.0	01.7	58	158.0	02.7	18	218.0	03.8
39	39.0	00.7	99	99.0	01.7	59	159.0	02.7	19	219.0	03.8
40	40.0	00.7	100	100.0	01.7	60	160.0	02.8	20	220.0	03.8
41	41.0	00.7	101	101.0	01.8	161	161.0	02.8	221	221.0	03.8
42	42.0	00.7	02	102.0	01.8	62	162.0	02.8	22	222.0	03.8
43	43.0	00.8	03	103.0	01.8	63	163.0	02.8	23	223.0	03.8
44	44.0	00.8	04	104.0	01.8	64	164.0	02.8	24	224.0	03.9
45	45.0	00.8	05	105.0	01.8	65	165.0	02.9	25	225.0	03.9
46	46.0	00.8	06	106.0	01.8	66	166.0	02.9	26	226.0	03.9
47	47.0	00.8	07	107.0	01.9	67	167.0	02.9	27	227.0	03.9
48	48.0	00.8	08	108.0	01.9	68	168.0	02.9	28	228.0	03.9
49	49.0	00.9	09	109.0	01.9	69	169.0	02.9	29	229.0	03.9
50	50.0	00.9	10	110.0	01.9	70	170.0	02.9	30	230.0	04.0
51	51.0	00.9	111	111.0	01.9	171	171.0	03.0	231	231.0	04.0
52	52.0	00.9	12	112.0	01.9	72	172.0	03.0	32	232.0	04.0
53	53.0	00.9	13	113.0	02.0	73	173.0	03.0	33	233.0	04.0
54	54.0	00.9	14	114.0	02.0	74	174.0	03.0	34	234.0	04.0
55	55.0	01.0	15	115.0	02.0	75	175.0	03.0	35	235.0	04.0
56	56.0	01.0	16	116.0	02.0	76	176.0	03.0	36	236.0	04.1
57	57.0	01.0	17	117.0	02.0	77	177.0	03.1	37	237.0	04.1
58	58.0	01.0	18	118.0	02.1	78	178.0	03.1	38	238.0	04.1
59	59.0	01.0	19	119.0	02.1	79	179.0	03.1	39	239.0	04.1
60	60.0	01.1	20	120.0	02.1	80	180.0	03.1	40	240.0	04.1
Dist	Abw.	Br.	Dist	Abw.	Br.	Dist	Abw.	Br.	Dist	Abw.	Br.

Dist	Br.	Abw.	Dist	Br.	Abw.	Dist	Br.	Abw.	Dist	Br.	Abw.
1	01.0	00.0	61	61.0	02.1	121	120.9	04.2	181	180.9	06.3
2	02.0	00.1	62	62.0	02.2	22	121.9	04.3	82	181.9	06.4
3	03.0	00.1	63	63.0	02.2	23	122.9	04.3	83	182.9	06.4
4	04.0	00.1	64	64.0	02.2	24	123.9	04.3	84	183.9	06.4
5	05.0	00.2	65	65.0	02.3	25	124.9	04.4	85	184.9	06.5
6	06.0	00.2	66	66.0	02.3	26	125.9	04.4	86	185.9	06.5
7	07.0	00.2	67	67.0	02.3	27	126.9	04.4	87	186.9	06.5
8	08.0	00.3	68	68.0	02.4	28	127.9	04.5	88	187.9	06.6
9	09.0	00.3	69	69.0	02.4	29	128.9	04.5	89	188.9	06.6
10	10.0	00.3	70	70.0	02.4	30	129.9	04.6	90	189.9	06.7
11	11.0	00.4	71	71.0	02.5	131	130.9	04.6	191	190.9	06.7
12	12.0	00.4	72	72.0	02.5	32	131.9	04.6	92	191.9	06.7
13	13.0	00.5	73	73.0	02.5	33	132.9	04.7	93	192.9	06.8
14	14.0	00.5	74	74.0	02.6	34	133.9	04.7	94	193.9	06.8
15	15.0	00.5	75	75.0	02.6	35	134.9	04.7	95	194.9	06.8
16	16.0	00.6	76	76.0	02.7	36	135.9	04.8	96	195.9	06.9
17	17.0	00.6	77	77.0	02.7	37	136.9	04.8	97	196.9	06.9
18	18.0	00.6	78	78.0	02.7	38	137.9	04.8	98	197.9	06.9
19	19.0	00.7	79	79.0	02.8	39	138.9	04.9	99	198.9	07.0
20	20.0	00.7	80	80.0	02.8	40	139.9	04.9	200	199.9	07.0
21	21.0	00.7	81	81.0	02.8	141	140.9	04.9	201	200.9	07.0
22	22.0	00.8	82	81.9	02.9	42	141.9	05.0	02	201.9	07.1
23	23.0	00.8	83	82.9	02.9	43	142.9	05.0	03	202.9	07.1
24	24.0	00.8	84	83.9	02.9	44	143.9	05.0	04	203.9	07.1
25	25.0	00.9	85	84.9	03.0	45	144.9	05.1	05	204.9	07.2
26	26.0	00.9	86	85.9	03.0	46	145.9	05.1	06	205.9	07.2
27	27.0	00.9	87	86.9	03.0	47	146.9	05.1	07	206.9	07.2
28	28.0	01.0	88	87.9	03.1	48	147.9	05.2	08	207.9	07.3
29	29.0	01.0	89	88.9	03.1	49	148.9	05.2	09	208.9	07.3
30	30.0	01.1	90	89.9	03.1	50	149.9	05.3	10	209.9	07.4
31	31.0	01.1	91	90.9	03.2	151	150.9	05.3	211	210.9	07.4
32	32.0	01.1	92	91.9	03.2	52	151.9	05.3	12	211.9	07.4
33	33.0	01.2	93	92.9	03.2	53	152.9	05.4	13	212.9	07.5
34	34.0	01.2	94	93.9	03.3	54	153.9	05.4	14	213.9	07.5
35	35.0	01.2	95	94.9	03.3	55	154.9	05.4	15	214.9	07.5
36	36.0	01.3	96	95.9	03.4	56	155.9	05.5	16	215.9	07.6
37	37.0	01.3	97	96.9	03.4	57	156.9	05.5	17	216.9	07.6
38	38.0	01.3	98	97.9	03.4	58	157.9	05.5	18	217.9	07.6
39	39.0	01.4	99	98.9	03.5	59	158.9	05.6	19	218.9	07.7
40	40.0	01.4	100	99.9	03.5	60	159.9	05.6	20	219.9	07.7
41	41.0	01.4	101	100.9	03.5	161	160.9	05.6	221	220.9	07.7
42	42.0	01.5	02	101.9	03.6	62	161.9	05.7	22	221.9	07.8
43	43.0	01.5	03	102.9	03.6	63	162.9	05.7	23	222.9	07.8
44	44.0	01.5	04	103.9	03.6	64	163.9	05.7	24	223.9	07.8
45	45.0	01.6	05	104.9	03.7	65	164.9	05.8	25	224.9	07.9
46	46.0	01.6	06	105.9	03.7	66	165.9	05.8	26	225.9	07.9
47	47.0	01.6	07	106.9	03.7	67	166.9	05.8	27	226.9	07.9
48	48.0	01.7	08	107.9	03.8	68	167.9	05.9	28	227.9	08.0
49	49.0	01.7	09	108.9	03.8	69	168.9	05.9	29	228.9	08.0
50	50.0	01.7	10	109.9	03.8	70	169.9	06.0	30	229.9	08.1
51	51.0	01.8	111	110.9	03.9	171	170.9	06.0	231	230.9	08.1
52	52.0	01.8	12	111.9	03.9	72	171.9	06.0	32	231.9	08.1
53	53.0	01.8	13	112.9	04.0	73	172.9	06.1	33	232.9	08.2
54	54.0	01.9	14	113.9	04.0	74	173.9	06.1	34	233.9	08.2
55	55.0	01.9	15	114.9	04.0	75	174.9	06.1	35	234.9	08.2
56	56.0	02.0	16	115.9	04.1	76	175.9	06.2	36	235.9	08.3
57	57.0	02.0	17	116.9	04.1	77	176.9	06.2	37	236.9	08.3
58	58.0	02.0	18	117.9	04.1	78	177.9	06.2	38	237.9	08.3
59	59.0	02.1	19	118.9	04.2	79	178.9	06.3	39	238.9	08.4
60	60.0	02.1	20	119.9	04.2	80	179.9	06.3	40	239.9	08.4
Dist	Abw.	Br.	Dist	Abw.	Br.	Dist	Abw.	Br.	Dist	Abw.	Br.

Dist	Br.	Abw.	Dist	Br.	Abw.	Dist	Br.	Abw.	Dist	Br.	Abw.
1	01.0	00.1	61	60.9	03.2	121	120.8	06.3	181	180.7	09.5
2	02.0	00.1	62	61.9	03.2	22	121.8	06.4	82	181.7	09.5
3	03.0	00.2	63	62.9	03.3	23	122.8	06.4	83	182.7	09.6
4	04.0	00.2	64	63.9	03.3	24	123.8	06.5	84	183.7	09.6
5	05.0	00.3	65	64.9	03.4	25	124.8	06.5	85	184.7	09.7
6	06.0	00.3	66	65.9	03.5	26	125.8	06.6	86	185.7	09.7
7	07.0	00.4	67	66.9	03.5	27	126.8	06.6	87	186.7	09.8
8	08.0	00.4	68	67.9	03.6	28	127.8	06.7	88	187.7	09.8
9	09.0	00.5	69	68.9	03.6	29	128.8	06.8	89	188.7	09.9
10	10.0	00.5	70	69.9	03.7	30	129.8	06.8	90	189.7	09.9
11	11.0	00.6	71	70.9	03.7	131	130.8	06.9	191	190.7	10.0
12	12.0	00.6	72	71.9	03.8	32	131.8	06.9	92	191.7	10.0
13	13.0	00.7	73	72.9	03.8	33	132.8	07.0	93	192.7	10.1
14	14.0	00.7	74	73.9	03.9	34	133.8	07.0	94	193.7	10.1
15	15.0	00.8	75	74.9	03.9	35	134.8	07.1	95	194.7	10.2
16	16.0	00.8	76	75.9	04.0	36	135.8	07.1	96	195.7	10.3
17	17.0	00.9	77	76.9	04.0	37	136.8	07.2	97	196.7	10.3
18	18.0	00.9	78	77.9	04.1	38	137.8	07.2	98	197.7	10.4
19	19.0	01.0	79	78.9	04.1	39	138.8	07.3	99	198.7	10.4
20	20.0	01.0	80	79.9	04.2	40	139.8	07.3	200	199.7	10.5
21	21.0	01.1	81	80.9	04.2	141	140.8	07.4	201	200.7	10.5
22	22.0	01.1	82	81.9	04.3	42	141.8	07.4	02	201.7	10.6
23	23.0	01.2	83	82.9	04.3	43	142.8	07.5	03	202.7	10.6
24	24.0	01.3	84	83.9	04.4	44	143.8	07.5	04	203.7	10.7
25	25.0	01.3	85	84.9	04.4	45	144.8	07.6	05	204.7	10.7
26	26.0	01.4	86	85.9	04.5	46	145.8	07.6	06	205.7	10.8
27	27.0	01.4	87	86.9	04.6	47	146.8	07.7	07	206.7	10.8
28	28.0	01.5	88	87.9	04.6	48	147.8	07.7	08	207.7	10.9
29	29.0	01.5	89	88.9	04.7	49	148.8	07.8	09	208.7	10.9
30	30.0	01.6	90	89.9	04.7	50	149.8	07.9	10	209.7	11.0
31	31.0	01.6	91	90.9	04.8	151	150.8	07.9	211	210.7	11.0
32	32.0	01.7	92	91.9	04.8	52	151.8	08.0	12	211.7	11.1
33	33.0	01.7	93	92.9	04.9	53	152.8	08.0	13	212.7	11.1
34	34.0	01.8	94	93.9	04.9	54	153.8	08.1	14	213.7	11.2
35	35.0	01.8	95	94.9	05.0	55	154.8	08.1	15	214.7	11.2
36	35.9	01.9	96	95.9	05.0	56	155.8	08.2	16	215.7	11.3
37	36.9	01.9	97	96.9	05.1	57	156.8	08.2	17	216.7	11.4
38	37.9	02.0	98	97.9	05.1	58	157.8	08.3	18	217.7	11.4
39	38.9	02.0	99	98.9	05.2	59	158.8	08.3	19	218.7	11.5
40	39.9	02.1	100	99.9	05.2	60	159.8	08.4	20	219.7	11.5
41	40.9	02.1	101	100.9	05.3	161	160.8	08.4	221	220.7	11.6
42	41.9	02.2	02	101.9	05.3	62	161.8	08.5	22	221.7	11.6
43	42.9	02.2	03	102.9	05.4	63	162.8	08.5	23	222.7	11.7
44	43.9	02.3	04	103.9	05.4	64	163.8	08.6	24	223.7	11.7
45	44.9	02.4	05	104.9	05.5	65	164.8	08.6	25	224.7	11.8
46	45.9	02.4	06	105.9	05.5	66	165.8	08.7	26	225.7	11.8
47	46.9	02.5	07	106.9	05.6	67	166.8	08.7	27	226.7	11.9
48	47.9	02.5	08	107.8	05.7	68	167.8	08.8	28	227.7	11.9
49	48.9	02.6	09	108.8	05.7	69	168.8	08.8	29	228.7	12.0
50	49.9	02.6	10	109.8	05.8	70	169.8	08.9	30	229.7	12.0
51	50.9	02.7	111	110.8	05.8	171	170.8	09.0	231	230.7	12.1
52	51.9	02.7	12	111.8	05.9	72	171.8	09.0	32	231.7	12.1
53	52.9	02.8	13	112.8	05.9	73	172.8	09.1	33	232.7	12.2
54	53.9	02.8	14	113.8	06.0	74	173.8	09.1	34	233.7	12.2
55	54.9	02.9	15	114.8	06.0	75	174.8	09.2	35	234.7	12.3
56	55.9	02.9	16	115.8	06.1	76	175.8	09.2	36	235.7	12.3
57	56.9	03.0	17	116.8	06.1	77	176.8	09.3	37	236.7	12.4
58	57.9	03.0	18	117.8	06.2	78	177.8	09.3	38	237.7	12.5
59	58.9	03.1	19	118.8	06.2	79	178.8	09.4	39	238.7	12.5
60	59.9	03.1	20	119.8	06.3	80	179.8	09.4	40	239.7	12.6
Dist	Abw.	Br.	Dist	Abw.	Br.	Dist	Abw.	Br.	Dist	Abw.	Br.

Dist	Br.	Abw.	Dist	Br.	Abw.	Dist	Br.	Abw.	Dist	Br.	Abw.
1	01.0	00.1	61	60.9	04.3	121	120.7	08.4	181	180.6	12.6
2	02.0	00.1	62	61.9	04.3	22	121.7	08.5	82	181.6	12.7
3	03.0	00.2	63	62.8	04.4	23	122.7	08.6	83	182.6	12.8
4	04.0	00.3	64	63.8	04.5	24	123.7	08.6	84	183.6	12.8
5	05.0	00.3	65	64.8	04.5	25	124.7	08.7	85	184.6	12.9
6	06.0	00.4	66	65.8	04.6	26	125.7	08.8	86	185.6	13.0
7	07.0	00.5	67	66.8	04.7	27	126.7	08.9	87	186.6	13.0
8	08.0	00.6	68	67.8	04.7	28	127.7	08.9	88	187.5	13.1
9	09.0	00.6	69	68.8	04.8	29	128.7	09.0	89	188.5	13.2
10	10.0	00.7	70	69.8	04.9	30	129.7	09.1	90	189.5	13.2
11	11.0	00.8	71	70.8	05.0	131	130.7	09.1	191	190.5	13.3
12	12.0	00.8	72	71.8	05.0	32	131.7	09.2	92	191.5	13.4
13	13.0	00.9	73	72.8	05.1	33	132.7	09.3	93	192.5	13.5
14	14.0	01.0	74	73.8	05.2	34	133.7	09.3	94	193.5	13.5
15	15.0	01.0	75	74.8	05.2	35	134.7	09.4	95	194.5	13.6
16	16.0	01.1	76	75.8	05.3	36	135.7	09.5	96	195.5	13.7
17	17.0	01.2	77	76.8	05.4	37	136.7	09.5	97	196.5	13.7
18	18.0	01.3	78	77.8	05.4	38	137.7	09.6	98	197.5	13.8
19	19.0	01.3	79	78.8	05.5	39	138.7	09.7	99	198.5	13.9
20	20.0	01.4	80	79.8	05.6	40	139.7	09.8	200	199.5	13.9
21	20.9	01.5	81	80.8	05.7	141	140.7	09.8	201	200.5	14.0
22	21.9	01.5	82	81.8	05.7	42	141.7	09.9	02	201.5	14.1
23	22.9	01.6	83	82.8	05.8	43	142.7	10.0	03	202.5	14.1
24	23.9	01.7	84	83.8	05.9	44	143.7	10.0	04	203.5	14.2
25	24.9	01.7	85	84.8	05.9	45	144.7	10.1	05	204.5	14.3
26	25.9	01.8	86	85.8	06.0	46	145.6	10.2	06	205.5	14.4
27	26.9	01.9	87	86.8	06.1	47	146.6	10.2	07	206.5	14.4
28	27.9	02.0	88	87.8	06.1	48	147.6	10.3	08	207.5	14.5
29	28.9	02.0	89	88.8	06.2	49	148.6	10.4	09	208.5	14.6
30	29.9	02.1	90	89.8	06.3	50	149.6	10.5	10	209.5	14.6
31	30.9	02.2	91	90.8	06.4	151	150.6	10.5	211	210.5	14.7
32	31.9	02.2	92	91.8	06.4	52	151.6	10.6	12	211.5	14.8
33	32.9	02.3	93	92.8	06.5	53	152.6	10.7	13	212.5	14.8
34	33.9	02.4	94	93.8	06.6	54	153.6	10.7	14	213.5	14.9
35	34.9	02.4	95	94.8	06.6	55	154.6	10.8	15	214.5	15.0
36	35.9	02.5	96	95.8	06.7	56	155.6	10.9	16	215.5	15.1
37	36.9	02.6	97	96.8	06.8	57	156.6	10.9	17	216.5	15.1
38	37.9	02.7	98	97.8	06.8	58	157.6	11.0	18	217.5	15.2
39	38.9	02.7	99	98.8	06.9	59	158.6	11.1	19	218.5	15.3
40	39.9	02.8	100	99.8	07.0	60	159.6	11.2	20	219.5	15.3
41	40.9	02.9	101	100.8	07.0	161	160.6	11.2	221	220.5	15.4
42	41.9	02.9	02	101.8	07.1	62	161.6	11.3	22	221.5	15.5
43	42.9	03.0	03	102.8	07.2	63	162.6	11.4	23	222.5	15.5
44	43.9	03.1	04	103.8	07.2	64	163.6	11.4	24	223.5	15.6
45	44.9	03.1	05	104.7	07.3	65	164.6	11.5	25	224.5	15.7
46	45.9	03.2	06	105.7	07.4	66	165.6	11.6	26	225.5	15.8
47	46.9	03.3	07	106.7	07.5	67	166.6	11.6	27	226.5	15.8
48	47.9	03.4	08	107.7	07.5	68	167.6	11.7	28	227.5	15.9
49	48.9	03.4	09	108.7	07.6	69	168.6	11.8	29	228.5	16.0
50	49.9	03.5	10	109.7	07.7	70	169.6	11.8	30	229.4	16.0
51	50.9	03.6	111	110.7	07.7	171	170.6	11.9	231	230.4	16.1
52	51.9	03.6	12	111.7	07.8	72	171.6	12.0	32	231.4	16.2
53	52.9	03.7	13	112.7	07.9	73	172.6	12.1	33	232.4	16.2
54	53.9	03.8	14	113.7	07.9	74	173.6	12.1	34	233.4	16.3
55	54.9	03.8	15	114.7	08.0	75	174.6	12.2	35	234.4	16.4
56	55.9	03.9	16	115.7	08.1	76	175.6	12.3	36	235.4	16.4
57	56.9	04.0	17	116.7	08.2	77	176.6	12.3	37	236.4	16.5
58	57.9	04.0	18	117.7	08.2	78	177.6	12.4	38	237.4	16.6
59	58.9	04.1	19	118.7	08.3	79	178.6	12.5	39	238.4	16.7
60	59.9	04.2	20	119.7	08.4	80	179.6	12.5	40	239.4	16.7
Dist	Abw.	Br.	Dist	Abw.	Br.	Dist	Abw.	Br.	Dist	Abw.	Br.

Dist	Br.	Abw.	Dist	Br.	Abw.	Dist	Br.	Abw.	Dist	Br.	Abw.
1	01.0	00.1	61	60.8	05.3	121	120.5	10.5	181	180.3	15.7
2	02.0	00.2	62	61.8	05.4	22	121.5	10.6	82	181.3	15.8
3	03.0	00.3	63	62.8	05.5	23	122.5	10.7	83	182.3	15.9
4	04.0	00.3	64	63.8	05.6	24	123.5	10.8	84	183.3	16.0
5	05.0	00.4	65	64.8	05.7	25	124.5	10.9	85	184.3	16.1
6	06.0	00.5	66	65.7	05.8	26	125.5	11.0	86	185.3	16.2
7	07.0	00.6	67	66.7	05.8	27	126.5	11.1	87	186.3	16.3
8	08.0	00.7	68	67.7	05.9	28	127.5	11.2	88	187.3	16.4
9	09.0	00.8	69	68.7	06.0	29	128.5	11.3	89	188.3	16.4
10	10.0	00.9	70	69.7	06.1	30	129.5	11.4	90	189.3	16.5
11	11.0	01.0	71	70.7	06.2	131	130.5	11.4	191	190.3	16.6
12	12.0	01.0	72	71.7	06.3	32	131.5	11.5	92	191.3	16.7
13	12.9	01.1	73	72.7	06.4	33	132.5	11.6	93	192.3	16.8
14	13.9	01.2	74	73.7	06.5	34	133.5	11.7	94	193.3	16.9
15	14.9	01.3	75	74.7	06.5	35	134.5	11.7	95	194.3	17.0
16	15.9	01.4	76	75.7	06.6	36	135.5	11.8	96	195.3	17.1
17	16.9	01.5	77	76.7	06.7	37	136.5	11.9	97	196.3	17.1
18	17.9	01.6	78	77.7	06.8	38	137.5	12.0	98	197.3	17.2
19	18.9	01.7	79	78.7	06.9	39	138.5	12.1	99	198.2	17.3
20	19.9	01.7	80	79.7	07.0	40	139.5	12.2	200	199.2	17.4
21	20.9	01.8	81	80.7	07.1	141	140.5	12.3	201	200.2	17.5
22	21.9	01.9	82	81.7	07.2	42	141.5	12.4	02	201.2	17.6
23	22.9	02.0	83	82.7	07.2	43	142.5	12.4	03	202.2	17.7
24	23.9	02.1	84	83.7	07.3	44	143.5	12.5	04	203.2	17.7
25	24.9	02.2	85	84.7	07.4	45	144.4	12.6	05	204.2	17.8
26	25.9	02.2	86	85.7	07.5	46	145.4	12.7	06	205.2	17.9
27	26.9	02.4	87	86.7	07.6	47	146.4	12.8	07	206.2	18.0
28	27.9	02.4	88	87.7	07.7	48	147.4	12.9	08	207.2	18.1
29	28.9	02.5	89	88.7	07.8	49	148.4	13.0	09	208.2	18.2
30	29.9	02.6	90	89.7	07.8	50	149.4	13.1	10	209.2	18.3
31	30.9	02.7	91	90.7	07.9	151	150.4	13.1	211	210.2	18.4
32	31.9	02.8	92	91.6	08.0	52	151.4	13.2	12	211.2	18.4
33	32.9	02.9	93	92.6	08.1	53	152.4	13.3	13	212.2	18.5
34	33.9	03.0	94	93.6	08.2	54	153.4	13.4	14	213.2	18.6
35	34.9	03.1	95	94.6	08.3	55	154.4	13.5	15	214.2	18.7
36	35.9	03.1	96	95.6	08.4	56	155.4	13.6	16	215.2	18.8
37	36.9	03.2	97	96.6	08.5	57	156.4	13.7	17	216.2	18.9
38	37.9	03.3	98	97.6	08.5	58	157.4	13.7	18	217.2	19.0
39	38.9	03.4	99	98.6	08.6	59	158.4	13.8	19	218.2	19.1
40	39.8	03.5	100	99.6	08.7	60	159.4	13.9	20	219.2	19.1
41	40.8	03.6	101	100.6	08.8	161	160.4	14.0	221	220.2	19.2
42	41.8	03.7	02	101.6	08.9	62	161.4	14.1	22	221.2	19.3
43	42.8	03.8	03	102.6	09.0	63	162.4	14.2	23	222.2	19.4
44	43.8	03.8	04	103.6	09.0	64	163.4	14.3	24	223.1	19.5
45	44.8	03.9	05	104.6	09.1	65	164.4	14.4	25	224.1	19.6
46	45.8	04.0	06	105.6	09.2	66	165.4	14.4	26	225.1	19.7
47	46.8	04.1	07	106.6	09.3	67	166.4	14.5	27	226.1	19.7
48	47.8	04.2	08	107.6	09.4	68	167.4	14.6	28	227.1	19.8
49	48.8	04.3	09	108.6	09.5	69	168.4	14.7	29	228.1	19.9
50	49.8	04.4	10	109.6	09.6	70	169.4	14.8	30	229.1	20.0
51	50.8	04.4	111	110.6	09.7	171	170.4	14.9	231	230.1	20.1
52	51.8	04.5	12	111.6	09.7	72	171.3	15.0	32	231.1	20.2
53	52.8	04.6	13	112.6	09.8	73	172.3	15.1	33	232.1	20.3
54	53.8	04.7	14	113.6	09.9	74	173.3	15.1	34	233.1	20.4
55	54.8	04.8	15	114.6	10.0	75	174.3	15.2	35	234.1	20.4
56	55.8	04.9	16	115.6	10.1	76	175.3	15.3	36	235.1	20.5
57	56.8	05.0	17	116.6	10.2	77	176.3	15.4	37	236.1	20.6
58	57.8	05.1	18	117.6	10.3	78	177.3	15.5	38	237.1	20.7
59	58.8	05.1	19	118.5	10.4	79	178.3	15.6	39	238.1	20.8
60	59.8	05.2	20	119.5	10.4	80	179.3	15.7	40	239.1	20.9
Dist	Abw.	Br.	Dist	Abw.	Br.	Dist	Abw.	Br.	Dist	Abw.	Br.

Dist	Br.	Abw.	Dist	Br.	Abw.	Dist	Br.	Abw.	Dist	Br.	Abw.
1	01.0	00.1	61	60.7	06.4	121	120.3	12.6	181	180.0	18.9
2	02.0	00.2	62	61.7	06.5	22	121.3	12.7	82	181.0	19.0
3	03.0	00.3	63	62.7	06.6	23	122.3	12.9	83	182.0	19.1
4	04.0	00.4	64	63.6	06.7	24	123.3	13.0	84	183.0	19.2
5	05.0	00.5	65	64.6	06.8	25	124.3	13.1	85	184.0	19.3
6	06.0	00.6	66	65.6	06.9	26	125.3	13.2	86	185.0	19.4
7	07.0	00.7	67	66.6	07.0	27	126.3	13.3	87	186.0	19.5
8	08.0	00.8	68	67.6	07.1	28	127.3	13.4	88	187.0	19.6
9	08.9	00.9	69	68.6	07.2	29	128.3	13.5	89	188.0	19.8
10	09.9	01.0	70	69.6	07.3	30	129.3	13.6	90	189.0	19.9
11	10.9	01.1	71	70.6	07.4	131	130.3	13.7	191	189.9	20.0
12	11.9	01.3	72	71.6	07.5	32	131.3	13.8	92	190.9	20.1
13	12.9	01.4	73	72.6	07.6	33	132.3	13.9	93	191.9	20.2
14	13.9	01.5	74	73.6	07.7	34	133.3	14.0	94	192.9	20.3
15	14.9	01.6	75	74.6	07.8	35	134.3	14.1	95	193.9	20.4
16	15.9	01.7	76	75.6	07.9	36	135.3	14.2	96	194.9	20.5
17	16.9	01.8	77	76.6	08.0	37	136.2	14.3	97	195.9	20.6
18	17.9	01.9	78	77.6	08.1	38	137.2	14.4	98	196.9	20.7
19	18.9	02.0	79	78.6	08.3	39	138.2	14.5	99	197.9	20.8
20	19.9	02.1	80	79.6	08.4	40	139.2	14.6	200	198.9	20.9
21	20.9	02.2	81	80.6	08.5	141	140.2	14.7	201	199.9	21.0
22	21.9	02.3	82	81.5	08.6	42	141.2	14.8	02	200.9	21.1
23	22.9	02.4	83	82.5	08.7	43	142.2	14.9	03	201.9	21.2
24	23.9	02.5	84	83.5	08.8	44	143.2	15.0	04	202.9	21.3
25	24.9	02.6	85	84.5	08.9	45	144.2	15.2	05	203.9	21.4
26	25.9	02.7	86	85.5	09.0	46	145.2	15.3	06	204.9	21.5
27	26.9	02.8	87	86.5	09.1	47	146.2	15.4	07	205.9	21.6
28	27.8	02.9	88	87.5	09.2	48	147.2	15.5	08	206.9	21.7
29	28.8	03.0	89	88.5	09.3	49	148.2	15.6	09	207.9	21.8
30	29.8	03.1	90	89.5	09.4	50	149.2	15.7	10	208.8	21.9
31	30.8	03.2	91	90.5	09.5	151	150.2	15.8	211	209.8	22.0
32	31.8	03.3	92	91.5	09.6	52	151.2	15.9	12	210.8	22.2
33	32.8	03.4	93	92.5	09.7	53	152.2	16.0	13	211.8	22.3
34	33.8	03.6	94	93.5	09.8	54	153.2	16.1	14	212.8	22.4
35	34.8	03.7	95	94.5	09.9	55	154.1	16.2	15	213.8	22.5
36	35.8	03.8	96	95.5	10.0	56	155.1	16.3	16	214.8	22.6
37	36.8	03.9	97	96.5	10.1	57	156.1	16.4	17	215.8	22.7
38	37.8	04.0	98	97.5	10.2	58	157.1	16.5	18	216.8	22.8
39	38.8	04.1	99	98.5	10.3	59	158.1	16.6	19	217.8	22.9
40	39.8	04.2	100	99.5	10.5	60	159.1	16.7	20	218.8	23.0
41	40.8	04.3	101	100.4	10.6	161	160.1	16.8	221	219.8	23.1
42	41.8	04.4	02	101.4	10.7	62	161.1	16.9	22	220.8	23.2
43	42.8	04.5	03	102.4	10.8	63	162.1	17.0	23	221.8	23.3
44	43.8	04.6	04	103.4	10.9	64	163.1	17.1	24	222.8	23.4
45	44.8	04.7	05	104.4	11.0	65	164.1	17.2	25	223.8	23.5
46	45.7	04.8	06	105.4	11.1	66	165.1	17.3	26	224.8	23.6
47	46.7	04.9	07	106.4	11.2	67	166.1	17.5	27	225.8	23.7
48	47.7	05.0	08	107.4	11.3	68	167.1	17.6	28	226.7	23.8
49	48.7	05.1	09	108.4	11.4	69	168.1	17.7	29	227.7	23.9
50	49.7	05.2	10	109.4	11.5	70	169.1	17.8	30	228.7	24.0
51	50.7	05.3	111	110.4	11.6	171	170.1	17.9	231	229.7	24.1
52	51.7	05.4	12	111.4	11.7	72	171.1	18.0	32	230.7	24.2
53	52.7	05.5	13	112.4	11.8	73	172.0	18.1	33	231.7	24.3
54	53.7	05.6	14	113.4	11.9	74	173.0	18.2	34	232.7	24.5
55	54.7	05.7	15	114.4	12.0	75	174.0	18.3	35	233.7	24.6
56	55.7	05.9	16	115.4	12.1	76	175.0	18.4	36	234.7	24.7
57	56.7	06.0	17	116.4	12.2	77	176.0	18.5	37	235.7	24.8
58	57.7	06.1	18	117.4	12.3	78	177.0	18.6	38	236.7	24.9
59	58.7	06.2	19	118.3	12.4	79	178.0	18.7	39	237.7	25.0
60	59.7	06.3	20	119.3	12.5	80	179.0	18.8	40	238.7	25.1
Dist	Abw.	Br.	Dist	Abw.	Br.	Dist	Abw.	Br.	Dist	Abw.	Br.

Dist	Br.	Abw.	Dist	Br.	Abw.	Dist	Br.	Abw.	Dist	Br.	Abw.
1	01.0	00.1	61	60.5	07.4	121	120.1	14.7	181	179.6	22.9
2	02.0	00.2	62	61.5	07.5	22	121.1	14.9	82	180.6	22.2
3	03.0	00.4	63	62.5	07.7	23	122.1	15.0	83	181.6	22.3
4	04.0	00.5	64	63.5	07.8	24	123.1	15.1	84	182.6	22.4
5	05.0	00.6	65	64.5	07.9	25	124.1	15.2	85	183.6	22.5
6	06.0	00.7	66	65.5	08.0	26	125.1	15.3	86	184.6	22.7
7	06.9	00.9	67	66.5	08.2	27	126.0	15.5	87	185.6	22.8
8	07.9	01.0	68	67.5	08.3	28	127.0	15.6	88	186.6	22.9
9	08.9	01.1	69	68.5	08.4	29	128.0	15.7	89	187.6	23.0
10	09.9	01.2	70	69.5	08.5	30	129.0	15.8	90	188.6	23.1
11	10.9	01.3	71	70.5	08.6	131	130.0	16.0	191	189.6	23.3
12	11.9	01.5	72	71.5	08.8	32	131.0	16.1	92	190.6	23.4
13	12.9	01.6	73	72.5	08.9	33	132.0	16.2	93	191.6	23.5
14	13.9	01.7	74	73.4	09.0	34	133.0	16.3	94	192.5	23.6
15	14.9	01.8	75	74.4	09.1	35	134.0	16.4	95	193.5	23.7
16	15.9	01.9	76	75.4	09.3	36	135.0	16.6	96	194.5	23.9
17	16.9	02.1	77	76.4	09.4	37	136.0	16.7	97	195.5	24.0
18	17.9	02.2	78	77.4	09.5	38	137.0	16.8	98	196.5	24.1
19	18.9	02.3	79	78.4	09.6	39	138.0	16.9	99	197.5	24.2
20	19.9	02.4	80	79.4	09.7	40	139.0	17.1	200	198.5	24.4
21	20.8	02.6	81	80.4	09.9	141	139.9	17.2	201	199.5	24.5
22	21.8	02.7	82	81.4	10.0	42	140.9	17.3	02	200.5	24.6
23	22.8	02.8	83	82.4	10.1	43	141.9	17.4	03	201.5	24.7
24	23.8	02.9	84	83.4	10.2	44	142.9	17.5	04	202.5	24.8
25	24.8	03.0	85	84.4	10.4	45	143.9	17.7	05	203.5	25.0
26	25.8	03.2	86	85.4	10.5	46	144.9	17.8	06	204.5	25.1
27	26.8	03.3	87	86.3	10.6	47	145.9	17.9	07	205.4	25.2
28	27.8	03.4	88	87.3	10.7	48	146.9	18.0	08	206.4	25.3
29	28.8	03.5	89	88.3	10.8	49	147.9	18.1	09	207.4	25.4
30	29.8	03.7	90	89.3	11.0	50	148.9	18.3	10	208.4	25.6
31	30.8	03.8	91	90.3	11.1	151	149.9	18.4	211	209.4	25.7
32	31.8	03.9	92	91.3	11.2	52	150.9	18.5	12	210.4	25.8
33	32.8	04.0	93	92.3	11.3	53	151.9	18.6	13	211.4	25.9
34	33.7	04.1	94	93.3	11.5	54	152.8	18.7	14	212.4	26.1
35	34.7	04.3	95	94.3	11.6	55	153.8	18.9	15	213.4	26.2
36	35.7	04.4	96	95.3	11.7	56	154.8	19.0	16	214.4	26.3
37	36.7	04.5	97	96.3	11.8	57	155.8	19.1	17	215.4	26.4
38	37.7	04.6	98	97.3	11.9	58	156.8	19.2	18	216.4	26.5
39	38.7	04.8	99	98.3	12.1	59	157.8	19.4	19	217.4	26.7
40	39.7	04.9	100	99.3	12.2	60	158.8	19.5	20	218.4	26.8
41	40.7	05.0	101	100.2	12.3	161	159.8	19.6	221	219.3	26.9
42	41.7	05.1	02	101.2	12.4	62	160.8	19.7	22	210.3	27.0
43	42.7	05.2	03	102.2	12.5	63	161.8	19.8	23	221.3	27.2
44	43.7	05.4	04	103.2	12.7	64	162.8	20.0	24	222.3	27.3
45	44.7	05.5	05	104.2	12.8	65	163.8	20.1	25	223.3	27.4
46	45.7	05.6	06	105.2	12.9	66	164.8	20.2	26	224.3	27.5
47	46.6	05.7	07	106.2	13.0	67	165.7	20.3	27	225.3	27.6
48	47.6	05.8	08	107.2	13.1	68	166.7	20.5	28	226.3	27.8
49	48.6	06.0	09	108.2	13.3	69	167.7	20.6	29	227.3	27.9
50	49.6	06.1	10	109.2	13.4	70	168.7	20.7	30	228.3	28.0
51	50.6	06.2	111	110.2	13.5	171	169.7	20.8	231	229.3	28.1
52	51.6	06.3	12	111.2	13.6	72	170.7	20.9	32	230.3	28.3
53	52.6	06.5	13	112.2	13.8	73	171.7	21.1	33	231.3	28.4
54	53.6	06.6	14	113.1	13.9	74	172.7	21.2	34	232.2	28.5
55	54.6	06.7	15	114.1	14.0	75	173.7	21.3	35	233.2	28.6
56	55.6	06.8	16	115.1	14.1	76	174.7	21.4	36	234.2	28.7
57	56.6	06.9	17	116.1	14.2	77	175.7	21.6	37	235.2	28.9
58	57.6	07.1	18	117.1	14.4	78	176.7	21.7	38	236.2	29.0
59	58.6	07.2	19	118.1	14.5	79	177.7	21.8	39	237.2	29.1
60	59.6	07.3	20	119.1	14.6	80	178.7	21.9	40	238.2	29.2
Dist	Abw.	Br.	Dist	Abw.	Br.	Dist	Abw.	Br.	Dist	Abw.	Br.

83 Grad.

Dist	Br.	Abw.	Dist	Br.	Abw.	Dist	Br.	Abw.	Dist	Br.	Abw.
1	01.0	00.1	61	60.4	08.5	121	119.8	16.8	181	179.2	25.2
2	02.0	00.3	62	61.4	08.6	22	120.8	17.0	82	180.2	25.3
3	03.0	00.4	63	62.4	08.8	23	121.8	17.1	83	181.2	25.5
4	04.0	00.6	64	63.4	08.9	24	122.8	17.3	84	182.2	25.6
5	05.0	00.7	65	64.4	09.0	25	123.8	17.4	85	183.2	25.8
6	05.9	00.8	66	65.4	09.2	26	124.8	17.5	86	184.2	25.9
7	06.9	01.0	67	66.4	09.3	27	125.8	17.7	87	185.2	26.0
8	07.9	01.1	68	67.3	09.5	28	126.8	17.8	88	186.2	26.2
9	08.9	01.3	69	68.3	09.6	29	127.7	18.0	89	187.2	26.3
10	09.9	01.4	70	69.3	09.7	30	128.7	18.1	90	188.2	26.4
11	10.9	01.5	71	70.3	09.9	131	129.7	18.2	191	189.1	26.6
12	11.9	01.7	72	71.3	10.0	32	130.7	18.4	92	190.1	26.7
13	12.9	01.8	73	72.3	10.2	33	131.7	18.5	93	191.1	26.9
14	13.9	01.9	74	73.3	10.3	34	132.7	18.7	94	192.1	27.0
15	14.9	02.1	75	74.3	10.4	35	133.7	18.8	95	193.1	27.1
16	15.8	02.2	76	75.3	10.6	36	134.7	18.9	96	194.1	27.3
17	16.8	02.4	77	76.3	10.7	37	135.7	19.1	97	195.1	27.4
18	17.8	02.5	78	77.2	10.9	38	136.7	19.2	98	196.1	27.6
19	18.8	02.6	79	78.2	11.0	39	137.7	19.3	99	197.1	27.7
20	19.8	02.8	80	79.2	11.1	40	138.6	19.5	200	198.1	27.8
21	20.8	02.9	81	80.2	11.3	141	139.6	19.6	201	199.0	28.0
22	21.8	03.1	82	81.2	11.4	42	140.6	19.8	02	200.0	28.1
23	22.8	03.2	83	82.2	11.6	43	141.6	19.9	03	201.0	28.3
24	23.3	03.3	84	83.2	11.7	44	142.6	20.0	04	202.0	28.4
25	24.8	03.5	85	84.2	11.8	45	143.6	20.2	05	203.0	28.5
26	25.7	03.6	86	85.2	12.0	46	144.6	20.3	06	204.0	28.7
27	26.7	03.8	87	86.2	12.1	47	145.6	20.5	07	205.0	28.8
28	27.7	03.9	88	87.1	12.2	48	146.6	20.6	08	206.0	29.0
29	28.7	04.0	89	88.1	12.4	49	147.6	20.7	09	207.0	29.1
30	29.7	04.2	90	89.1	12.5	50	148.5	20.9	10	208.0	29.2
31	30.7	04.3	91	90.1	12.7	151	149.5	21.0	211	209.0	29.4
32	31.7	04.5	92	91.1	12.8	52	140.5	21.2	12	209.9	29.5
33	32.7	04.6	93	92.1	12.9	53	141.5	21.3	13	210.9	29.6
34	33.7	04.7	94	93.1	13.1	54	142.5	21.4	14	211.9	29.8
35	34.7	04.9	95	94.1	13.2	55	153.5	21.6	15	212.9	29.9
36	35.7	05.0	96	95.1	13.4	56	154.5	21.7	16	213.9	30.1
37	36.6	05.2	97	96.1	13.5	57	155.5	21.9	17	214.9	30.2
38	37.6	05.4	98	97.0	13.6	58	156.5	22.0	18	215.9	30.3
39	38.6	05.5	99	98.0	13.8	59	157.5	22.1	19	216.9	30.5
40	39.6	05.6	100	99.0	13.9	60	158.4	22.3	20	217.9	30.6
41	40.6	05.7	101	100.0	14.1	161	159.4	22.4	221	218.9	30.8
42	41.6	05.8	02	101.0	14.2	62	150.4	22.6	22	219.8	30.9
43	42.6	06.0	03	102.0	14.3	63	151.4	22.7	23	220.8	31.0
44	43.6	06.1	04	103.0	14.5	64	152.4	22.8	24	221.8	31.2
45	44.6	06.3	05	104.0	14.6	65	153.4	23.0	25	222.8	31.3
46	45.6	06.4	06	105.0	14.8	66	164.4	23.1	26	223.8	31.5
47	46.5	06.5	07	106.0	14.9	67	165.4	23.2	27	224.8	31.6
48	47.5	06.7	08	107.0	15.0	68	166.4	23.4	28	225.8	31.7
49	48.5	06.8	09	107.9	15.2	69	167.4	23.5	29	226.8	31.9
50	49.5	07.0	10	108.9	15.3	70	168.4	23.7	30	227.8	32.0
51	50.5	07.1	111	109.9	15.5	171	169.3	23.8	231	228.8	32.2
52	51.5	07.2	12	110.9	15.6	72	170.3	23.9	32	229.7	32.3
53	52.5	07.4	13	111.9	15.7	73	171.3	24.1	33	230.7	32.4
54	53.5	07.5	14	112.9	15.9	74	172.3	24.2	34	231.7	32.6
55	54.5	07.7	15	113.9	16.0	75	173.3	24.4	35	232.7	32.7
56	55.5	07.8	16	114.9	16.1	76	174.3	24.5	36	233.7	32.9
57	56.4	07.9	17	115.9	16.3	77	175.3	24.6	37	234.7	32.0
58	57.4	08.1	18	116.9	16.4	78	176.3	24.7	38	235.7	33.1
59	58.4	08.2	19	117.8	16.6	79	177.3	24.9	39	236.7	33.3
60	59.4	08.4	20	118.8	16.7	80	178.3	25.1	40	237.7	33.4
Dist	Abw.	Br.	Dist	Abw.	Br.	Dist	Abw.	Br.	Dist	Abw.	Br.

Dist	Br.	Abw.	Dist	Br.	Abw.	Dist	Br.	Abw.	Dist	Br.	Abw.
1	01.0	00.2	61	60.2	09.5	121	119.5	18.9	181	178.8	28.3
2	02.0	00.3	62	61.2	09.7	22	120.5	19.1	82	179.8	28.5
3	03.0	00.5	63	62.2	09.9	23	121.5	19.2	83	180.7	28.6
4	04.0	00.6	64	63.2	10.0	24	122.5	19.4	84	181.7	28.8
5	04.9	00.8	65	64.2	10.2	25	123.5	19.6	85	182.7	28.9
6	05.9	00.9	66	65.2	10.3	26	124.5	19.7	86	183.7	29.1
7	06.9	01.1	67	66.2	10.5	27	125.4	19.9	87	184.7	29.2
8	07.9	01.3	68	67.2	10.6	28	126.4	20.0	88	185.7	29.4
9	08.9	01.4	69	68.2	10.8	29	127.4	20.2	89	186.7	29.6
10	09.9	01.6	70	69.1	10.9	30	128.4	20.3	90	187.7	29.7
11	10.9	01.7	71	70.1	11.1	131	129.4	20.5	191	188.7	29.9
12	11.9	01.9	72	71.1	11.3	32	130.4	20.6	92	189.6	30.0
13	12.9	02.0	73	72.1	11.4	33	131.4	20.8	93	190.6	30.2
14	13.8	02.2	74	73.1	11.6	34	132.4	21.0	94	191.6	30.3
15	14.8	02.3	75	74.1	11.7	35	133.3	21.1	95	192.6	30.5
16	15.8	02.5	76	75.1	11.9	36	134.3	21.3	96	193.6	30.7
17	16.8	02.7	77	76.1	12.0	37	135.3	21.4	97	194.6	30.8
18	17.8	02.8	78	77.0	12.2	38	136.3	21.6	98	195.6	31.0
19	18.8	03.0	79	78.0	12.4	39	137.3	21.7	99	196.6	31.1
20	19.8	03.1	80	79.0	12.5	40	138.3	21.9	200	197.5	31.3
21	20.7	03.3	81	80.0	12.7	141	139.3	22.1	201	198.5	31.4
22	21.7	03.4	82	81.0	12.8	42	140.3	22.2	02	199.5	31.6
23	22.7	03.6	83	82.0	13.0	43	141.2	22.4	03	200.5	31.7
24	23.7	03.8	84	83.0	13.1	44	142.2	22.5	04	201.5	31.9
25	24.7	03 9	85	84.0	13.3	45	143.2	22.7	05	202.5	32.1
26	25.7	04.1	86	84.9	13.5	46	144.2	22.8	06	203.5	32.2
27	26.7	04.2	87	85.9	13.6	47	145.2	23.0	07	204.5	32.4
28	27.7	04.4	88	86.9	13.8	48	146.2	23.1	08	205.4	32.5
29	28.6	04.5	89	87.9	13.9	49	147.2	23.3	09	206.4	32.7
30	29.6	04.7	90	88.9	14.1	50	148.2	23.5	10	207.4	32.8
31	30.6	04.8	91	89.9	14.2	151	149.1	23.6	211	208.4	33.0
32	31.6	05.0	92	90.9	14.4	52	150.1	23.8	12	209.4	33.2
33	32.6	05.2	93	91.9	14.5	53	151.1	23.9	13	210.4	33.3
34	33.6	05.3	94	92.8	14.7	54	152.1	24.1	14	211.4	33.5
35	34.6	05.5	95	93.8	14.9	55	153.1	24.2	15	212.4	33.6
36	35.6	05.6	96	94.8	15.0	56	154.1	24.4	16	213.3	33.8
37	36.5	05.8	97	95.8	15.2	57	155.1	24.6	17	214.3	33.9
38	37.5	05.9	98	96.8	15.3	58	156.1	24.7	18	215.3	34.1
39	38.5	06.1	99	97.8	15.5	59	157.0	24.9	19	216.3	34.3
40	39.5	06.3	100	98.8	15.6	60	158.0	25.0	20	217.3	34.4
41	40.5	06.4	101	99.8	15.8	161	159.0	25.2	221	218.3	34.6
42	41.5	06.6	02	100.7	16.0	62	160.0	25.3	22	219.3	34.7
43	42.5	06.7	03	101.7	16.1	63	161.0	25.5	23	220.3	34.9
44	43.5	06.9	04	102.7	16.3	64	162.0	25.6	24	221.2	35.0
45	44.4	07.0	05	103.7	16.4	65	163.0	25.8	25	222.2	35.2
46	45.4	07.2	06	104.7	16.6	66	164.0	26.0	26	223.2	35.3
47	46.4	07.4	07	105.7	16.7	67	164.9	26.1	27	224.2	35.5
48	47.4	07.5	08	106.7	16.9	68	165.9	26.3	28	225.2	35.7
49	48.4	07.7	09	107.7	17.0	69	166.9	26.4	29	226.2	35.8
50	49.4	07.8	10	108.6	17.2	70	167.9	26.6	30	227.2	36.0
51	50.4	08.0	111	109.6	17.4	171	168.9	26.7	231	228.2	36.1
52	51.4	08.1	12	110.6	17.5	72	169.9	26.9	32	229.1	36.3
53	52.3	08.3	13	111.6	17.7	73	170.9	27.1	33	230.1	36.4
54	53.3	08.4	14	112.6	17.8	74	171.9	27.2	34	231.1	36.6
55	54.3	08.6	15	113.6	18.0	75	172.8	27.4	35	232.1	36.8
56	55.3	08.8	16	114.6	18.1	76	173.8	27.5	36	233.1	36.9
57	56.3	08.9	17	115.6	18.3	77	174.8	27.7	37	234.1	37.1
58	57.3	09.1	18	116.5	18.5	78	175.8	27.8	38	235.1	37.2
59	58.3	09.2	19	117.5	18.6	79	176.8	28.0	39	236.1	37.4
60	59.3	09.4	20	118.5	18.8	80	177.8	28.2	40	237.0	37.5
Dist	Abw.	Br.	Dist	Abw.	Br.	Dist	Abw.	Br.	Dist	Abw.	Br.

Dist.	Br.	Abw.	Dist	Br.	Abw.	Dist	Br.	Abw.	Dist	Br.	Abw.
1	01.0	00.2	61	60.1	10.6	121	119.2	21.0	181	178.2	31.4
2	02.0	00.3	62	61.1	10.8	22	120.1	21.2	82	179.2	31.6
3	03.0	00.5	63	62.0	10.9	23	121.1	21.3	83	180.2	31.7
4	03.9	00.7	64	63.0	11.1	24	122.1	21.5	84	181.2	31.9
5	04.9	00.9	65	64.0	11.2	25	123.1	21.7	85	182.2	32.1
6	05.9	01.0	66	65.0	11.4	26	124.1	21.8	86	183.2	32.3
7	06.9	01.2	67	66.0	11.6	27	125.1	22.0	87	184.2	32.4
8	07.9	01.4	68	67.0	11.8	28	126.1	22.2	88	185.1	32.6
9	08.9	01.6	69	68.0	12.0	29	127.0	22.4	89	186.1	32.8
10	09.8	01.7	70	68.9	12.1	30	128.0	22.5	90	187.1	32.9
11	10.8	01.9	71	69.9	12.3	131	129.0	22.7	191	188.1	33.1
12	11.8	02.1	72	70.9	12.5	32	130.0	22.9	92	189.1	33.3
13	12.8	02.3	73	71.9	12.7	33	131.0	23.1	93	190.1	33.5
14	13.8	02.4	74	72.9	12.8	34	132.0	23.2	94	191.0	33.6
15	14.8	02.6	75	73.9	13.0	35	132.9	23.4	95	192.0	33.8
16	15.8	02.8	76	74.8	13.2	36	133.9	22.6	96	193.0	34.0
17	16.7	02.9	77	75.8	13.4	37	134.9	23.8	97	194.0	34.2
18	17.7	03.1	78	76.8	13.5	38	135.9	23.9	98	195.0	34.3
19	18.7	03.3	79	77.8	13.7	39	136.9	24.1	99	196.0	34.5
20	19.7	03.5	80	78.8	13.9	40	137.9	24.3	200	197.0	34.7
21	20.7	03.6	81	79.8	14.0	141	138.9	24.4	201	197.9	34.9
22	21.7	03.8	82	80.8	14.2	42	139.8	24.6	02	198.9	35.0
23	22.7	04.0	83	81.7	14.4	43	140.8	24.8	03	199.9	35.2
24	23.6	04.2	84	82.7	14.6	44	141.8	25.0	04	200.9	35.4
25	24.6	04.3	85	83.7	14.7	45	142.8	25.1	05	201.9	35.5
26	25.6	04.5	86	84.7	14.9	46	143.8	25.3	06	202.9	35.7
27	26.6	04.7	87	85.7	15.1	47	144.8	25.5	07	203.9	35.9
28	27.6	04.9	88	86.7	15.3	48	145.7	25.7	08	204.9	36.1
29	28.6	05.0	89	87.6	15.4	49	146.7	25.8	09	205.8	36.2
30	29.5	05.2	90	88.6	15.6	50	147.7	26.0	10	206.8	36.4
31	30.5	05.4	91	89.6	15.8	151	148.7	26.2	211	207.8	36.6
32	31.5	05.5	92	90.6	16.0	52	149.7	26.4	12	208.8	36.8
33	32.5	05.7	93	91.6	16.1	53	150.7	26.5	13	209.8	36.9
34	33.5	05.9	94	92.6	16.3	54	151.7	26.7	14	210.7	37.1
35	34.5	06.1	95	93.6	16.5	55	152.6	26.9	15	211.7	37.3
36	35.5	06.2	96	94.5	16.6	56	153.6	27.1	16	212.7	37.5
37	36.4	06.4	97	95.5	16.8	57	154.6	27.2	17	213.7	37.6
38	37.4	06.6	98	96.5	17.0	58	155.6	27.4	18	214.7	37.8
39	38.4	06.8	99	97.5	17.2	59	156.6	27.6	19	215.7	38.0
40	39.4	06.9	100	98.5	17.3	60	157.6	27.7	20	216.7	38.1
41	40.4	07.1	101	99.5	17.5	161	158.6	27.9	221	217.6	38.3
42	41.4	07.3	02	100.4	17.7	62	159.5	28.1	22	218.6	38.5
43	42.3	07.5	03	101.4	17.9	63	160.5	28.3	23	219.6	38.7
44	43.3	07.6	04	102.4	18.0	64	161.5	28.4	24	220.6	38.8
45	44.3	07.8	05	103.4	18.2	65	162.5	28.6	25	221.6	39.0
46	45.3	08.0	06	104.4	18.4	66	163.5	28.8	26	222.6	39.2
47	46.3	08.1	07	105.4	18.6	67	164.5	29.0	27	223.5	39.4
48	47.3	08.3	08	106.4	18.7	68	165.4	29.1	28	224.5	39.5
49	48.3	08.5	09	107.3	18.9	69	166.4	29.3	29	225.5	39.7
50	49.2	08.7	10	108.3	19.1	70	167.4	29.5	30	226.5	39.9
51	50.2	08.8	111	109.3	19.2	171	168.4	29.7	231	227.5	40.1
52	51.2	09.0	12	110.3	19.4	72	169.4	29.8	32	228.5	40.2
53	52.2	09.2	13	111.3	19.6	73	170.4	30.0	33	229.5	40.4
54	53.2	09.4	14	112.3	19.8	74	171.4	30.2	34	230.4	40.6
55	54.2	09.5	15	113.3	19.9	75	172.3	30.3	35	231.4	40.7
56	55.1	09.7	16	114.2	20.1	76	173.3	30.5	36	232.4	40.9
57	56.1	09.9	17	115.2	20.3	77	174.3	30.7	37	233.4	41.1
58	57.1	10.1	18	116.2	20.5	78	175.3	30.9	38	234.4	41.3
59	58.1	10.2	19	117.2	20.6	79	176.3	31.0	39	235.4	41.4
60	59.1	10.4	20	118.2	20.8	80	177.3	31.2	40	236.4	41.6
Dist	Abw.	Br.	Dist	Abw.	Br.	Dist	Abw.	Br.	Dist	Abw.	Br.

Dist	Br.	Abw.	Dist	Br.	Abw.	Dist	Br.	Abw.	Dist	Br.	Abw.
1	01.0	00.2	61	59.9	11.6	121	118.8	23.1	181	177.7	34.5
2	02.0	00.4	62	60.9	11.8	22	119.8	23.3	82	178.6	34.7
3	02.9	00.6	63	61.9	12.0	23	120.7	23.5	83	179.6	34.9
4	03.9	00.8	64	62.8	12.2	24	121.7	23.7	84	180.6	35.1
5	04.9	01.0	65	63.8	12.4	25	122.7	23.9	85	181.6	35.3
6	05.9	01.1	66	64.8	12.6	26	123.7	24.0	86	182.6	35.5
7	06.9	01.3	67	65.8	12.8	27	124.7	24.2	87	183.6	35.7
8	07.9	01.5	68	66.7	13.0	28	125.6	24.4	88	184.5	35.9
9	08.8	01.7	69	67.7	13.2	29	126.6	24.6	89	185.5	36.1
10	09.8	01.9	70	68.7	13.4	30	127.6	24.8	90	186.5	36.3
11	10.8	02.1	71	69.7	13.5	131	128.6	25.0	191	187.5	36.4
12	11.8	02.3	72	70.7	13.7	32	129.6	25.2	92	188.5	36.6
13	12.8	02.5	73	71.7	13.9	33	130.6	25.4	93	189.4	36.8
14	13.7	02.7	74	72.6	14.1	34	131.5	25.6	94	190.4	37.0
15	14.7	02.9	75	73.6	14.3	35	132.5	25.8	95	191.4	37.2
16	15.7	03.1	76	74.6	14.5	36	133.5	25.9	96	192.4	37.4
17	16.7	03.2	77	75.6	14.7	37	134.5	26.1	97	193.4	37.6
18	17.7	03.4	78	76.6	14.9	38	135.5	26.3	98	194.4	37.8
19	18.7	03.6	79	77.5	15.1	39	136.4	26.5	99	195.4	38.0
20	19.6	03.8	80	78.5	15.3	40	137.4	26.7	200	196.3	38.2
21	20.6	04.0	81	79.5	15.5	141	138.4	26.9	201	197.3	38.4
22	21.6	04.2	82	80.5	15.6	42	139.4	27.1	02	198.3	38.5
23	22.6	04.4	83	81.5	15.8	43	140.4	27.3	03	199.3	38.7
24	23.6	04.6	84	82.5	16.0	44	141.3	27.5	04	200.2	38.9
25	24.5	04.8	85	83.4	16.2	45	142.3	27.7	05	201.2	39.1
26	25.5	05.0	86	84.4	16.4	46	143.3	27.9	06	202.2	39.3
27	26.5	05.2	87	85.4	16.6	47	144.3	28.0	07	203.2	39.5
28	27.5	05.3	88	86.4	16.8	48	145.3	28.2	08	204.2	39.7
29	28.5	05.5	89	87.4	17.0	49	146.3	28.4	09	205.2	39.9
30	29.4	05.7	90	88.3	17.2	50	147.2	28.6	10	206.1	40.1
31	30.4	05.9	91	89.3	17.4	151	148.2	28.8	211	207.1	40.3
32	31.4	06.1	92	90.3	17.6	52	149.2	29.0	12	208.1	40.4
33	32.4	06.3	93	91.3	17.7	53	150.2	29.2	13	209.1	40.6
34	33.4	06.5	94	92.3	17.9	54	151.2	29.4	14	210.1	41.8
35	34.4	06.7	95	93.3	18.1	55	152.1	29.6	15	211.0	41.0
36	35.3	06.9	96	94.2	18.3	56	153.1	29.8	16	212.0	41.2
37	36.3	07.1	97	95.2	18.5	57	154.1	30.0	17	213.0	41.4
38	37.3	07.3	98	96.2	18.7	58	155.1	30.1	18	214.0	41.6
39	38.3	07.4	99	97.2	18.9	59	156.1	30.3	19	215.0	41.8
40	39.3	07.6	100	98.2	19.1	60	157.1	30.5	20	215.9	42.0
41	40.2	07.8	101	99.1	19.3	161	158.0	30.7	221	216.9	42.2
42	41.2	08.0	02	100.1	19.5	62	159.0	30.9	22	217.9	42.4
43	42.2	08.2	03	101.1	19.7	63	160.0	31.1	23	218.9	42.5
44	43.2	08.4	04	102.1	19.8	64	161.0	31.3	24	219.9	42.7
45	44.2	08.6	05	103.1	20.0	65	162.0	31.5	25	220.9	42.9
46	45.2	08.8	06	104.0	20.2	66	162.9	31.7	26	221.8	43.1
47	46.1	09.0	07	105.0	20.4	67	163.9	31.9	27	222.8	43.3
48	47.1	09.2	08	106.0	20.6	68	164.9	32.1	28	223.8	43.5
49	48.1	09.3	09	107.0	20.8	69	165.9	32.2	29	224.8	43.7
50	49.1	09.5	10	108.0	21.0	70	166.9	32.4	30	225.8	43.9
51	50.1	09.7	111	109.0	21.2	171	167.9	32.6	231	226.7	44.1
52	51.0	09.9	12	109.9	21.4	72	168.8	32.8	32	227.7	44.3
53	52.0	10.1	13	110.9	21.6	73	169.8	33.0	33	228.7	44.5
54	53.0	10.3	14	111.9	21.8	74	170.8	33.2	34	229.7	44.6
55	54.0	10.5	15	112.9	21.9	75	171.8	33.4	35	230.7	44.8
56	55.0	10.7	16	113.9	22.1	76	172.8	33.6	36	231.7	45.0
57	56.0	10.9	17	114.8	22.3	77	173.7	33.8	37	232.6	45.2
58	56.9	11.1	18	115.8	22.5	78	174.7	34.0	38	233.6	45.4
59	57.9	11.3	19	116.8	22.7	79	175.7	34.2	39	234.6	45.6
60	58.9	11.4	20	117.8	22.9	80	176.7	34.3	40	235.6	45.8
Dist	Abw.	Br.	Dist	Abw.	Br.	Dist	Abw.	Br.	Dist	Abw.	Br.

Dist	Br.	Abw.	Dist	Br.	Abw.	Dist	Br.	Abw.	Dist	Br.	Abw.
1	01.0	00.2	61	59.7	12.7	121	118.3	25.2	181	177.0	37.6
2	02.0	00.4	62	60.6	12.9	22	119.3	25.4	82	178.0	37.9
3	02.9	00.6	63	61.6	13.1	23	120.3	25.6	83	179.0	38.1
4	03.9	00.8	64	62.6	13.3	24	121.3	25.8	84	180.0	38.3
5	04.9	01.0	65	63.6	13.5	25	122.3	26.0	85	180.9	38.5
6	05.9	01.2	66	64.5	13.7	26	123.2	26.2	86	181.9	38.7
7	06.8	01.5	67	65.5	13.9	27	124.2	26.4	87	182.9	38.9
8	07.8	01.7	68	66.5	14.1	28	125.2	26.6	88	183.9	39.1
9	08.8	01.9	69	67.5	14.4	29	126.2	26.8	89	184.8	39.3
10	09.8	02.1	70	68.5	14.6	30	127.1	27.0	90	185.8	39.5
11	10.8	02.3	71	69.4	14.8	131	128.1	27.2	191	186.8	39.7
12	11.7	02.5	72	70.4	15.0	32	129.1	27.5	92	187.8	39.9
13	12.7	02.7	73	71.4	15.2	33	130.1	27.7	93	188.8	40.1
14	13.7	02.9	74	72.4	15.4	34	131.1	27.9	94	189.7	40.4
15	14.7	03.1	75	73.4	15.6	35	132.0	28.1	95	190.7	40.6
16	15.6	03.3	76	74.3	15.8	36	133.0	28.3	96	191.7	40.8
17	16.6	03.5	77	75.3	16.0	37	134.0	28.5	97	192.7	41.0
18	17.6	03.7	78	76.3	16.2	38	135.0	28.7	98	193.6	41.2
19	18.6	04.0	79	77.3	16.4	39	135.9	28.9	99	194.6	41.4
20	19.6	04.2	80	78.2	16.6	40	136.9	29.1	200	195.6	41.6
21	20.5	04.4	81	79.2	16.8	141	137.9	29.3	201	196.6	41.8
22	21.5	04.6	82	80.2	17.1	42	138.9	29.5	02	197.6	42.0
23	22.5	04.8	83	81.2	17.3	43	139.9	29.7	03	198.5	42.2
24	23.5	05.0	84	82.2	17.5	44	140.8	30.0	04	199.5	42.4
25	24.5	05.2	85	83.1	17.7	45	141.8	30.2	05	200.5	42.6
26	25.4	05.4	86	84.1	17.9	46	142.8	30.4	06	201.5	42.8
27	26.4	05.6	87	85.1	18.0	47	143.8	30.6	07	202.4	43.1
28	27.4	05.8	88	86.1	18.3	48	144.7	30.8	08	203.4	43.3
29	28.4	06.0	89	87.0	18.5	49	145.7	31.0	09	204.4	43.5
30	29.3	06.2	90	88.0	18.7	50	146.7	31.2	10	205.4	43.7
31	30.3	06.4	91	89.0	18.9	151	147.7	31.4	211	206.4	43.9
32	31.3	06.7	92	90.0	19.1	52	148.7	31.6	12	207.3	44.1
33	32.3	06.9	93	91.0	19.3	53	149.6	31.8	13	208.3	44.3
34	33.3	07.1	94	91.9	19.6	54	150.6	32.0	14	209.3	44.5
35	34.2	07.3	95	92.9	19.8	55	151.6	32.2	15	210.3	44.7
36	35.2	07.5	96	93.9	20.0	56	152.6	32.4	16	211.2	44.9
37	36.2	07.7	97	94.9	20.2	57	153.5	32.7	17	212.2	45.1
38	37.2	07.9	98	95.8	20.4	58	154.5	32.9	18	213.2	45.3
39	38.1	08.1	99	96.8	20.6	59	155.5	33.1	19	214.2	45.6
40	39.1	08.3	100	97.8	20.8	60	156.5	33.3	20	215.2	45.8
41	40.1	08.5	101	98.8	21.0	161	157.5	33.5	221	216.1	46.0
42	41.1	08.7	02	99.8	21.2	62	158.4	33.7	22	217.1	46.2
43	42.1	08.9	03	100.7	21.4	63	159.4	33.9	23	218.1	46.4
44	43.0	09.2	04	101.7	21.6	64	160.4	34.1	24	219.1	46.6
45	44.0	09.4	05	102.7	21.8	65	161.4	34.3	25	220.1	46.8
46	45.0	09.6	06	103.7	22.0	66	162.3	34.5	26	221.0	47.0
47	46.0	09.8	07	104.6	22.3	67	163.3	34.7	27	222.0	47.2
48	46.9	10.0	08	105.6	22.5	68	164.3	34.9	28	223.0	47.4
49	47.9	10.2	09	106.6	22.7	69	165.3	35.2	29	224.0	47.6
50	48.9	10.4	10	107.6	22.9	70	166.3	35.4	30	224.9	47.8
51	49.9	10.6	111	108.6	23.1	171	167.2	35.6	231	225.9	48.0
52	50.9	10.8	12	109.5	23.3	72	168.2	35.8	32	226.9	48.3
53	51.8	11.0	13	110.5	23.5	73	169.2	36.0	33	227.9	48.5
54	52.8	11.2	14	111.5	23.7	74	170.2	36.2	34	228.9	48.7
55	53.8	11.4	15	112.5	23.9	75	171.2	36.4	35	229.9	48.9
56	54.8	11.6	16	113.4	24.1	76	172.1	36.6	36	230.9	49.1
57	55.7	11.9	17	114.4	24.3	77	173.1	36.8	37	231.9	49.3
58	56.7	12.1	18	115.4	24.5	78	174.1	37.0	38	232.8	49.5
59	57.7	12.3	19	116.4	24.8	79	175.1	37.2	39	233.7	49.7
60	58.7	12.5	20	117.4	24.0	80	176.0	37.4	40	234.7	49.9
Dist	Abw.	Br.	Dist	Abw.	Br.	Dist	Abw.	Br.	Dist	Abw.	Br.

Dist	Br.	Abw.	Dist	Br.	Abw.	Dist	Br.	Abw.	Dist	Br.	Abw.
1	01.0	00.2	61	59.4	13.7	121	117.9	27.2	181	176.4	40.7
2	01.9	00.4	62	60.4	13.9	22	118.9	27.4	82	177.3	40.9
3	02.9	00.7	63	61.4	14.2	23	119.8	27.7	83	178.3	41.2
4	03.9	00.9	64	62.4	14.4	24	120.8	27.9	84	179.3	41.4
5	04.9	01.1	65	63.3	14.6	25	121.8	28.1	85	180.3	41.6
6	05.8	01.3	66	64.3	14.8	26	122.8	28.3	86	181.2	41.8
7	06.8	01.6	67	65.3	15.1	27	123.7	28.6	87	182.2	42.1
8	07.8	01.8	68	66.3	15.3	28	124.7	28.8	88	183.2	42.3
9	08.8	02.0	69	67.2	15.5	29	125.7	29.0	89	184.2	42.5
10	09.7	02.2	70	68.2	15.7	30	126.7	29.2	90	185.1	42.7
11	10.7	02.5	71	69.2	16.0	131	127.6	29.5	191	186.1	43.0
12	11.7	02.7	72	70.2	16.2	32	128.6	29.7	92	187.1	43.2
13	12.7	02.9	73	71.1	16.4	33	129.6	29.9	93	188.1	43.4
14	13.6	03.1	74	72.1	16.6	34	130.6	30.1	94	189.0	43.6
15	14.6	03.4	75	73.1	16.9	35	131.5	30.4	95	190.0	43.9
16	15.6	03.6	76	74.1	17.1	36	132.5	30.6	96	191.0	44.1
17	16.6	03.8	77	75.0	17.3	37	133.5	30.8	97	192.0	44.3
18	17.5	04.0	78	76.0	17.5	38	134.5	31.0	98	192.9	44.5
19	18.5	04.3	79	77.0	17.8	39	135.4	31.3	99	193.9	44.8
20	19.5	04.5	80	78.0	18.0	40	136.4	31.5	200	194.9	45.0
21	20.5	04.7	81	78.9	18.2	141	137.4	31.7	201	195.9	45.2
22	21.4	04.9	82	79.9	18.4	42	138.4	31.9	02	196.8	45.4
23	22.4	05.2	83	80.9	18.7	43	139.3	32.2	03	197.8	45.7
24	23.4	05.4	84	81.8	18.9	44	140.3	32.4	04	198.8	45.9
25	24.4	05.6	85	82.8	19.1	45	141.3	32.6	05	199.7	46.1
26	25.3	05.8	86	83.8	19.3	46	142.3	32.8	06	200.7	46.3
27	26.3	06.1	87	84.8	19.6	47	143.2	33.1	07	201.7	46.6
28	27.3	06.3	88	85.7	19.8	48	144.2	33.3	08	202.7	46.8
29	28.3	06.5	89	86.7	20.0	49	145.2	33.5	09	203.6	47.0
30	29.2	06.7	90	87.7	20.2	50	146.2	33.7	10	204.6	47.2
31	30.2	07.0	91	88.7	20.5	151	147.1	34.0	211	205.6	47.5
32	31.2	07.2	92	89.6	20.7	52	148.1	34.2	12	206.6	47.7
33	32.2	07.4	93	90.6	20.9	53	149.1	34.4	13	207.5	47.9
34	33.1	07.6	94	91.6	21.1	54	150.1	34.6	14	208.5	48.1
35	34.1	07.9	95	92.6	21.4	55	151.0	34.9	15	209.5	48.4
36	35.1	08.1	96	93.5	21.6	56	152.0	35.1	16	210.5	48.6
37	36.1	08.3	97	94.5	21.8	57	153.0	35.3	17	211.4	48.8
38	37.0	08.5	98	95.5	22.0	58	154.0	35.5	18	212.4	49.0
39	38.0	08.8	99	96.5	22.3	59	154.9	35.8	19	213.4	49.3
40	39.0	08.0	100	97.4	22.5	60	155.9	36.0	20	214.4	49.5
41	39.9	09.2	101	98.4	22.7	161	156.9	36.2	221	215.3	49.7
42	40.9	09.4	02	99.4	22.9	62	157.9	36.4	22	216.3	49.9
43	41.9	09.7	03	100.4	23.2	63	158.8	36.7	23	217.3	50.2
44	42.9	09.9	04	101.3	23.4	64	159.8	36.9	24	218.3	50.4
45	43.8	10.1	05	102.3	23.6	65	160.8	37.1	25	219.2	50.6
46	44.8	10.3	06	103.3	23.8	66	161.7	37.3	26	220.2	50.8
47	45.8	10.6	07	104.3	24.1	67	162.7	37.6	27	221.2	51.1
48	46.8	10.8	08	105.2	24.3	68	163.7	37.8	28	222.2	51.3
49	47.7	11.0	09	106.2	24.5	69	164.7	38.0	29	223.1	51.5
50	48.7	11.2	10	107.2	24.7	70	165.6	38.2	30	224.1	51.7
51	49.7	11.5	111	108.2	25.0	171	166.6	38.5	231	225.1	52.0
52	50.7	11.7	12	109.1	25.2	72	167.6	38.7	32	226.1	52.2
53	51.6	11.9	13	110.1	25.4	73	168.6	38.9	33	227.0	52.4
54	52.6	12.1	14	111.1	25.6	74	169.5	39.1	34	228.0	52.6
55	53.6	12.4	15	112.1	25.9	75	170.5	39.4	35	229.0	52.9
56	54.6	12.6	16	113.0	26.1	76	171.5	39.6	36	230.0	53.1
57	55.5	12.8	17	114.0	26.3	77	172.5	39.8	37	230.9	53.3
58	56.5	13.0	18	115.0	26.5	78	173.4	40.0	38	231.9	53.5
59	57.5	13.3	19	116.0	26.8	79	174.4	40.3	39	232.9	53.8
60	58.5	13.5	20	116.9	27.0	80	175.4	40.5	40	233.9	54.0
Dist	Abw.	Br.	Dist	Abw.	Br.	Dist	Abw.	Br.	Dist	Abw.	Br.

Dist	Br.	Abw.	Dist	Br.	Abw.	Dist	Br.	Abw.	Dist	Br.	Abw.
1	01.0	00.2	61	59.2	14.8	121	117.4	29.3	181	175.6	43.8
2	01.9	00.5	62	60.2	15.0	22	118.4	29.5	82	176.6	44.0
3	02.9	00.7	63	61.1	15.2	23	119.3	29.8	83	177.6	44.3
4	03.9	01.0	64	62.1	15.5	24	120.3	30.0	84	178.5	44.5
5	04.9	01.2	65	63.1	15.7	25	121.3	30.2	85	179.5	44.8
6	05.8	01.5	66	64.0	16.0	26	122.3	30.5	86	180.5	45.0
7	06.8	01.7	67	65.0	16.2	27	123.2	30.7	87	181.4	45.3
8	07.8	01.9	68	66.0	16.5	28	124.2	31.0	88	182.4	45.5
9	08.7	02.2	69	66.9	16.7	29	125.2	31.2	89	183.4	45.7
10	09.7	02.4	70	67.9	16.9	30	126.1	31.5	90	184.4	46.0
11	10.7	02.7	71	68.9	17.2	131	127.1	31.7	191	185.3	46.2
12	11.6	02.9	72	69.9	17.4	32	128.1	31.9	92	186.3	46.5
13	12.6	03.1	73	70.8	17.7	33	129.0	32.2	93	187.3	46.7
14	13.6	03.4	74	71.8	17.9	34	130.0	32.4	94	188.2	46.9
15	14.6	03.6	75	72.8	18.1	35	131.0	32.7	95	189.2	47.2
16	15.5	03.9	76	73.7	18.4	36	132.0	32.9	96	190.2	47.4
17	16.5	04.1	77	74.7	18.6	37	132.9	33.2	97	191.1	47.7
18	17.5	04.4	78	75.7	18.9	38	133.9	33.4	98	192.1	47.9
19	18.4	04.6	79	76.7	19.1	39	134.9	33.6	99	193.1	48.2
20	19.4	04.8	80	77.6	19.4	40	135.8	33.9	200	194.1	48.4
21	20.4	05.1	81	78.6	19.6	141	136.8	34.1	201	195.0	48.6
22	21.3	05.3	82	79.6	19.8	42	137.8	34.4	02	196.0	48.9
23	22.3	05.6	83	80.5	20.1	43	138.7	34.6	03	197.0	49.1
24	23.3	05.8	84	81.5	20.3	44	139.7	34.8	04	197.9	49.4
25	24.3	06.0	85	82.5	20.6	45	140.7	35.1	05	198.9	49.6
26	25.2	06.3	86	83.4	20.8	46	141.7	35.3	06	199.9	49.9
27	26.2	06.5	87	84.4	21.1	47	142.6	35.6	07	200.8	50.1
28	27.2	06.8	88	85.4	21.3	48	143.6	35.8	08	201.8	50.3
29	28.1	07.0	89	86.4	21.5	49	144.6	36.1	09	202.8	50.6
30	29.1	07.3	90	87.3	21.8	50	145.5	36.3	10	203.8	50.8
31	30.1	07.5	91	88.3	22.0	151	146.5	36.5	211	204.7	51.1
32	31.0	07.7	92	89.3	22.3	52	147.5	36.8	12	205.7	51.3
33	32.0	08.0	93	90.2	22.5	53	148.5	37.0	13	206.7	51.5
34	33.0	08.2	94	91.2	22.7	54	149.4	37.3	14	207.6	51.8
35	34.0	08.5	95	92.2	23.0	55	150.4	37.5	15	208.6	52.0
36	34.9	08.7	96	93.1	23.2	56	151.4	37.7	16	209.6	52.3
37	35.9	09.0	97	94.1	23.5	57	152.3	38.0	17	210.5	52.5
38	36.9	09.2	98	95.1	23.7	58	153.3	38.2	18	211.5	52.8
39	37.8	09.4	99	96.1	24.0	59	154.3	38.5	19	212.5	53.0
40	38.8	09.7	100	97.0	24.2	60	155.2	38.7	20	213.5	53.2
41	39.8	09.9	101	98.0	24.4	161	156.2	39.0	221	214.4	53.5
42	40.8	10.2	02	99.0	24.7	62	157.2	39.2	22	215.4	53.7
43	41.7	10.4	03	99.9	24.9	63	158.2	39.4	23	216.4	54.0
44	42.7	10.6	04	100.9	25.2	64	159.1	39.7	24	217.3	54.2
45	43.7	10.9	05	101.9	25.4	65	160.1	39.9	25	218.3	54.4
46	44.6	11.1	06	102.8	25.7	66	161.1	40.2	26	219.3	54.7
47	45.6	11.4	07	103.8	25.9	67	162.0	40.4	27	220.3	54.9
48	46.6	11.6	08	104.8	26.1	68	163.0	40.7	28	221.2	55.2
49	47.5	11.9	09	105.8	26.4	69	164.0	40.9	29	222.2	55.4
50	48.5	12.1	10	106.7	26.6	70	164.9	41.1	30	223.2	55.7
51	49.5	12.3	111	107.7	26.9	171	165.9	41.4	231	224.1	55.9
52	50.5	12.6	12	108.7	27.1	72	166.9	41.6	32	225.1	56.1
53	51.4	12.8	13	109.6	27.3	73	167.9	41.9	33	226.1	56.4
54	52.4	13.1	14	110.6	27.6	74	168.8	42.1	34	227.0	56.6
55	53.4	13.3	15	111.6	27.8	75	169.8	42.3	35	228.0	56.9
56	54.3	13.6	16	112.6	28.1	76	170.8	42.7	36	229.0	57.1
57	55.3	13.8	17	113.5	28.3	77	171.7	42.8	37	230.0	57.4
58	56.3	14.0	18	114.5	28.6	78	172.7	43.1	38	230.9	57.6
59	57.2	14.3	19	115.5	28.8	79	173.7	43.3	39	231.9	57.8
60	58.2	14.5	20	116.4	29.0	80	174.6	43.6	40	232.9	58.1
Dist	Abw.	Br.	Dist	Abw.	Br.	Dist	Abw.	Br.	Dist	Abw.	Br.

Dist	Br.	Abw.	Dist	Br.	Abw.	Dist	Br.	Abw.	Dist	Br.	Abw.
1	01.0	00.3	61	58.9	15.8	121	116.9	31.3	181	174.8	46.8
2	01.9	00.5	62	59.9	16.0	22	117.8	31.6	82	175.8	47.1
3	02.9	00.8	63	60.9	16.3	23	118.8	31.8	83	176.8	47.4
4	03.9	01.0	64	61.8	16.6	24	119.8	32.1	84	177.7	47.6
5	04.8	01.3	65	62.8	16.8	25	120.7	32.4	85	178.7	47.9
6	05.8	01.6	66	63.7	17.1	26	121.7	32.6	86	179.7	48.1
7	06.8	01.8	67	64.7	17.3	27	122.7	32.9	87	180.6	48.4
8	07.7	02.1	68	65.7	17.6	28	123.6	33.1	88	181.6	48.7
9	08.7	02.3	69	66.6	17.9	29	124.6	33.4	89	182.6	48.9
10	09.7	02.6	70	67.6	18.1	30	125.6	33.6	90	183.5	49.2
11	10.6	02.8	71	68.6	18.4	131	126.5	33.9	191	184.5	49.4
12	11.6	03.1	72	69.5	18.6	32	127.5	34.2	92	185.5	49.7
13	12.6	03.4	73	70.5	18.9	33	128.5	34.4	93	186.4	49.9
14	13.5	03.6	74	71.5	19.2	34	129.4	34.7	94	187.4	50.2
15	14.5	03.9	75	72.4	19.4	35	130.4	34.9	95	188.4	50.5
16	15.5	04.1	76	73.4	19.7	36	131.4	35.2	96	189.3	50.7
17	16.4	04.4	77	74.4	19.9	37	132.3	35.5	97	190.3	51.0
18	17.4	04.7	78	75.3	20.2	38	133.3	35.7	98	191.2	51.2
19	18.4	04.9	79	76.3	20.4	39	134.3	36.0	99	192.2	51.5
20	19.3	05.2	80	77.3	20.7	40	135.2	36.2	200	193.2	51.8
21	20.3	05.4	81	78.2	21.0	141	136.2	36.5	201	194.1	52.0
22	21.2	05.7	82	79.2	21.2	42	137.2	36.7	02	195.1	52.3
23	22.2	06.0	83	80.2	21.5	43	138.1	37.0	03	196.1	52.5
24	23.2	06.2	84	81.1	21.7	44	139.1	37.3	04	197.0	52.8
25	24.1	06.5	85	82.1	22.0	45	140.1	37.5	05	198.0	53.1
26	25.1	06.7	86	83.1	22.3	46	141.0	37.8	06	199.0	53.3
27	26.1	07.0	87	83.0	22.5	47	142.0	38.0	07	199.9	53.6
28	27.0	07 2	88	84.0	22.8	48	143.0	38.3	08	200.9	53.8
29	28.0	07.5	89	85.0	23.0	49	143.9	38.6	09	201.9	54.1
30	29.0	07.8	90	86.9	23.3	50	144.9	38.8	10	202.8	54.3
31	29.9	08.0	91	87.9	23.6	151	145.8	39.1	211	203.8	54.6
32	30.9	08.3	92	88.9	23.8	52	146.8	39.3	12	204.8	54.9
33	31.9	08.5	93	89.8	24.1	53	147.8	39.6	13	205.7	55.1
34	32.8	08.8	94	90.8	24.3	54	148.7	39.9	14	206.7	55.4
35	33.8	09.1	95	91.8	24.6	55	149.7	40.1	15	207.7	55.6
36	34.8	09.3	96	92.7	24.8	56	150.7	40.4	16	208.7	55.9
37	35.7	09.6	97	93.7	25.1	57	151.6	40.6	17	209.6	56.1
38	36.7	09.8	98	94.7	25.4	58	152.6	40.9	18	210.6	56.4
39	37.7	10.1	99	95.6	25.6	59	153.6	41.1	19	211.5	56.7
40	38.6	10.4	100	96.6	25.9	60	154.5	41.4	20	212.5	56.9
41	39.6	10.6	101	97.6	26.1	161	155.5	41.7	221	213.5	57.2
42	40.6	10.9	02	98.5	26.4	62	156.5	41.9	22	214.4	57.5
43	41.5	11.1	03	99.5	26.7	63	157.4	42.2	23	215.4	57.7
44	42.5	11.4	04	100.5	26.9	64	158.4	42.4	24	216.4	58.0
45	43.5	11.6	05	101.4	27.2	65	159.4	42.7	25	217.3	58.2
46	44.4	11.9	06	102.4	27.4	66	160.3	43.0	26	218.3	58.5
47	45.4	12.2	07	103.4	27.7	67	161.3	43.2	27	219.3	58.7
48	46.4	12.4	08	104.3	28.0	68	162.3	43.5	28	220.2	59 0
49	47.3	12.7	09	105.3	28.2	69	163.2	43.7	29	221.2	59.3
50	48.3	12.9	10	106.2	28.5	70	164.2	44.0	30	222.2	59.5
51	49.3	13.2	111	107.2	28.7	171	165.2	44.3	231	223.1	59.8
52	50.2	13.5	12	108.2	29.0	72	166.1	44.5	32	224.1	60.0
53	51.2	13.7	13	109.1	29.2	73	167.1	44.8	33	225.1	60.3
54	52.2	14.0	14	110.1	29.5	74	168.1	45.0	34	226.0	60.6
55	53.1	14.2	15	111.1	29.8	75	169.0	45.3	35	227.0	61.8
56	54.1	14.5	16	112.0	30.0	76	170.0	45.5	36	228.0	61.1
57	55.1	14.8	17	113.0	30.3	77	171.0	45.8	37	228.9	61.3
58	56.0	15.0	18	114.0	30.5	78	171.9	46.1	38	229.9	61.6
59	57.0	15.3	19	114.9	30.8	79	172.9	46.3	39	230.9	61.9
60	58.0	15.5	20	115.9	31.1	80	173.9	46.6	40	231.8	62.1
Dist	Abw.	Br.	Dist	Abw.	Br.	Dist	Abw.	Br.	Dist	Abw.	Br.

Dist	Br.	Abw.	Dist	Br.	Abw.	Dist	Br.	Abw.	Dist	Br.	Abw.
1	01.0	00.3	61	58.6	16.8	121	116.3	33.3	181	174.0	49.9
2	01.9	00.6	62	59.6	17.1	22	117.3	33.6	82	174.9	50.2
3	02.9	00.8	63	60.6	17.4	23	118.2	33.9	83	175.9	50.4
4	03.8	01.1	64	61.5	17.6	24	119.2	34.2	84	176.8	50.7
5	04.8	01.4	65	62.5	17.9	25	120.1	34.4	85	177.8	51.0
6	05.8	01.7	66	63.4	18.2	26	121.1	34.7	86	178.8	51.3
7	06.7	01.9	67	64.4	18.5	27	122.1	35.0	87	179.7	51.5
8	07.7	02.2	68	65.4	18.7	28	123.0	35.3	88	180.7	51.8
9	08.7	02.5	69	66.3	19.0	29	124.0	35.6	89	181.7	52.1
10	09.6	02.8	70	67.3	19.3	30	124.9	35.8	90	182.6	52.4
11	10.6	03.0	71	68.2	19.6	131	125.9	36.1	191	183.6	52.6
12	11.5	03.3	72	69.2	19.8	32	126.9	36.4	92	184.5	52.9
13	12.5	03.6	73	70.2	20.1	33	127.8	36.7	93	185.5	53.2
14	13.5	03.9	74	71.1	20.4	34	128.8	36.9	94	186.5	53.5
15	14.4	04.1	75	72.1	20.7	35	129.8	37.2	95	187.4	53.7
16	15.4	04.4	76	73.0	20.9	36	130.7	37.5	96	188.4	54.0
17	16.3	04.7	77	74.0	21.2	37	131.7	37.8	97	189.3	54.3
18	17.3	05.0	78	75.0	21.5	38	132.6	38.0	98	190.3	54.6
19	18.3	05.2	79	75.9	21.8	39	133.6	38.3	99	191.3	54.8
20	19.2	05.5	80	76.9	22.0	40	134.6	38.6	200	192.2	55.1
21	20.2	05.8	81	77.9	22.3	141	135.5	38.9	201	193.2	55.4
22	21.1	06.1	82	78.8	22.6	42	136.5	39.1	02	194.1	55.7
23	22.1	06.3	83	79.8	22.9	43	137.4	39.4	03	195.1	55.9
24	23.1	06.6	84	80.7	23.1	44	138.4	39.7	04	196.1	56.2
25	24.0	06.9	85	81.7	23.4	45	139.4	40.0	05	197.0	56.5
26	25.0	07.2	86	82.7	23.7	46	140.3	40.2	06	198.0	56.8
27	26.0	07.4	87	83.6	24.0	47	141.3	40.5	07	199.0	57.0
28	26.9	07.7	88	84.6	24.3	48	142.2	40.8	08	199.9	57.3
29	27.9	08.0	89	85.5	24.5	49	143.2	41.1	09	200.9	57.6
30	28.8	08.3	90	86.5	24.8	50	144.2	41.3	10	201.8	57.9
31	29.8	08.5	91	87.5	25.1	151	145.1	41.6	211	202.8	58.2
32	30.8	08.8	92	88.4	25.4	52	146.1	41.9	12	203.8	58.4
33	31.7	09.1	93	89.4	25.6	53	147.1	42.2	13	204.7	58.7
34	32.7	09.4	94	90.3	25.9	54	148.0	42.4	14	205.7	59.0
35	33.6	09.6	95	91.3	26.2	55	149.0	42.7	15	206.6	59.3
36	34.6	09.9	96	92.3	26.5	56	149.9	43.0	16	207.6	59.5
37	35.6	10.2	97	93.2	26.7	57	150.9	43.3	17	208.6	59.8
38	36.5	10.5	98	94.2	27.0	58	151.9	43.5	18	209.5	60.1
39	37.5	10.7	99	95.2	27.3	59	152.8	43.8	19	210.5	60.4
40	38.4	11.0	100	96.1	27.6	60	153.8	44.1	20	211.4	60.6
41	39.4	11.3	101	97.1	27.8	161	154.7	44.4	221	212.4	60.9
42	40.4	11.6	02	98.0	28.1	62	155.7	44.6	22	213.4	61.2
43	41.3	11.9	03	99.0	28.4	63	156.7	44.9	23	214.3	61.5
44	42.3	12.1	04	100.0	28.7	64	157.6	45.2	24	215.3	61.7
45	43.3	12.4	05	100.9	28.9	65	158.6	45.5	25	216.3	62.0
46	44.2	12.7	06	101.9	29.2	66	159.5	45.7	26	217.2	62.3
47	45.2	13.0	07	102.8	29.5	67	160.5	46.0	27	218.2	62.6
48	46.1	13.2	08	103.8	29.8	68	161.5	46.3	28	219.1	62.8
49	47.1	13.5	09	104.8	30.0	69	162.4	46.6	29	220.1	63.1
50	48.1	13.8	10	105.7	30.3	70	163.4	46.9	30	221.1	63.4
51	49.0	14.1	111	106.7	30.6	171	164.4	47.1	231	222.0	63.7
52	50.0	14.3	12	107.6	30.9	72	165.3	47.4	32	223.0	63.9
53	50.9	14.6	13	108.6	31.1	73	166.3	47.7	33	223.9	64.2
54	51.9	14.9	14	109.6	31.4	74	167.2	48.0	34	224.9	64.5
55	52.9	15.2	15	110.5	31.7	75	168.2	48.2	35	225.9	64.8
56	53.8	15.4	16	111.5	32.0	76	169.2	48.5	36	226.8	65.0
57	54.8	15.7	17	112.5	32.2	77	170.1	48.8	37	227.8	65.3
58	55.7	16.0	18	113.4	32.5	78	171.1	49.1	38	228.7	65.6
59	56.7	16.3	19	114.4	32.8	79	172.0	49.3	39	229.7	65.9
60	57.7	16.5	20	115.3	33.1	80	173.0	49.6	40	230.7	66.1
Dist	Abw.	Br.	Dist	Abw.	Br.	Dist	Abw.	Br.	Dist	Abw.	Br.

Dist	Br.	Abw.	Dist	Br.	Abw.	Dist	Br.	Abw.	Dist	Br.	Abw.
1	01.0	00.3	61	58.3	17.8	121	115.7	35.4	181	173.1	52.9
2	01.9	00.6	62	59.3	18.1	22	116.7	35.7	82	174.0	53.2
3	02.9	00.9	63	60.2	18.4	23	117.6	36.0	83	175.0	53.5
4	03.8	01.2	64	61.2	18.7	24	118.6	36.2	84	175.9	53.8
5	04.8	01.5	65	62.2	19.0	25	119.5	36.5	85	176.9	54.1
6	05.7	01.8	66	63.1	19.3	26	120.5	36.8	86	177.9	54.4
7	06.7	02.0	67	64.1	19.6	27	121.4	37.1	87	178.8	54.7
8	07.6	02.3	68	65.0	19.9	28	122.4	37.4	88	179.8	55.0
9	08.6	02.6	69	66.0	20.2	29	123.4	37.7	89	180.7	55.2
10	09.6	02.9	70	66.9	20.5	30	124.3	38.0	90	181.7	55.5
11	10.5	03.2	71	67.9	20.8	131	125.3	38.3	191	182.6	55.8
12	11.5	03.5	72	68.8	21.0	32	126.2	38.6	92	183.6	56.1
13	12.4	03.8	73	69.8	21.3	33	127.2	38.9	93	184.6	56.4
14	13.4	04.1	74	70.8	21.6	34	128.1	39.2	94	185.5	56.7
15	14.3	04.4	75	71.7	21.9	35	129.1	39.5	95	186.5	57.0
16	15.3	04.7	76	72.7	22.2	36	130.0	39.8	96	187.4	57.3
17	16.3	05.0	77	73.6	22.5	37	131.0	40.0	97	188.4	57.6
18	17.2	05.3	78	74.6	22.8	38	132.0	40.3	98	189.3	57.9
19	18.2	05.6	79	75.5	23.1	39	132.9	40.6	99	190.3	58.2
20	19.1	05.8	80	76.5	23.4	40	133.9	40.9	200	191.2	58.5
21	20.1	06.1	81	77.5	23.7	141	134.8	41.2	201	192.2	58.8
22	21.0	06.4	82	78.4	24.0	42	135.8	41.5	02	193.2	59.0
23	22.0	06.7	83	79.4	24.3	43	136.7	41.8	03	194.1	59.3
24	22.9	07.0	84	80.3	24.6	44	137.7	42.1	04	195.1	59.6
25	23.9	07.3	85	81.3	24.8	45	138.7	42.4	05	196.0	59.9
26	24.9	07.6	86	82.2	25.1	46	139.6	42.7	06	197.0	60.2
27	25.8	07.9	87	83.2	25.4	47	140.6	43.0	07	197.9	60.5
28	26.8	08.2	88	84.1	25.7	48	141.5	43.3	08	198.9	60.8
29	27.7	08.5	89	85.1	26.0	49	142.5	43.6	09	199.8	61.1
30	28.7	08.8	90	86.1	26.3	50	143.4	43.8	10	200.8	61.4
31	29.6	09.1	91	87.0	26.6	151	144.4	44.1	211	201.8	61.7
32	30.6	09.4	92	88.0	26.9	52	145.3	44.4	12	202.7	62.0
33	31.6	09.6	93	88.9	27.2	53	146.3	44.7	13	203.7	62.3
34	32.5	09.9	94	89.9	27.5	54	147.3	45.0	14	204.6	62.6
35	33.5	10.2	95	90.8	27.8	55	148.2	45.3	15	205.6	62.8
36	34.4	10.5	96	91.8	28.1	56	149.2	45.6	16	206.5	63.1
37	35.4	10.8	97	92.8	28.4	57	150.1	45.9	17	207.5	63.4
38	36.3	11.1	98	93.7	28.6	58	151.1	46.2	18	208.5	63.7
39	37.3	11.4	99	94.7	28.9	59	152.0	46.5	19	209.4	64.0
40	38.2	11.7	100	95.6	29.2	60	153.0	46.8	20	210.4	64.3
41	39.2	12.0	101	96.6	29.5	161	154.0	47.1	221	211.3	64.6
42	40.2	12.3	02	97.5	29.8	62	154.9	47.4	22	212.3	64.9
43	41.1	12.6	03	98.5	30.1	63	155.9	47.6	23	213.2	65.2
44	42.1	12.9	04	99.4	30.4	64	156.8	47.9	24	214.2	65.5
45	43.0	13.2	05	100.4	30.7	65	157.8	48.2	25	215.2	65.8
46	44.0	13.4	06	101.4	31.0	66	158.7	48.5	26	216.1	66.1
47	44.9	13.7	07	102.3	31.3	67	159.7	48.8	27	217.1	66.4
48	45.9	14.0	08	103.3	31.6	68	160.6	49.1	28	218.0	66.6
49	46.9	14.3	09	104.3	31.9	69	161.6	49.4	29	219.0	66.9
50	47.8	14.6	10	105.2	32.2	70	162.6	49.7	30	219.9	67.2
51	48.8	14.9	111	106.1	32.4	171	163.5	50.0	231	220.9	67.5
52	49.7	15.2	12	107.1	32.7	72	164.5	50.3	32	221.8	67.8
53	50.7	15.5	13	108.1	33.0	73	165.4	50.6	33	222.8	68.1
54	51.6	15.8	14	109.0	33.3	74	166.4	50.9	34	223.8	68.4
55	52.6	16.1	15	110.0	33.6	75	167.3	51.2	35	224.7	68.7
56	53.5	16.4	16	110.9	33.9	76	168.3	51.4	36	225.7	69.0
57	54.5	16.7	17	111.9	34.2	77	169.3	51.7	37	226.6	69.3
58	55.5	17.0	18	112.8	34.5	78	170.2	52.0	38	227.6	69.6
59	56.4	17.2	19	113.8	34.8	79	171.2	52.3	39	228.5	69.9
60	57.4	17.5	20	114.7	35.1	80	172.1	52.6	40	229.5	70.2
Dist	Abw.	Br.	Dist	Abw.	Br.	Dist	Abw.	Br.	Dist	Abw.	Br.

Dist	Br.	Abw.	Dist	Br.	Abw.	Dist	Br.	Abw.	Dist	Br.	Abw.
1	01.0	00.3	61	58.0	18.8	121	115.1	37.4	181	172.1	55.9
2	01.9	00.6	62	59.0	19.2	22	116.0	37.7	82	173.1	56.2
3	02.9	00.9	63	59.9	19.5	23	117.0	38.0	83	174.0	56.5
4	03.8	01.2	64	60.9	19.8	24	117.9	38.3	84	175.0	56.9
5	04.8	01.5	65	61.8	20.1	25	118.9	38.6	85	175.9	57.2
6	05.7	01.9	66	62.8	20.4	26	119.8	38.9	86	176.9	57.5
7	06.7	02.2	67	63.7	20.7	27	120.8	39.2	87	177.8	57.8
8	07.6	02.5	68	64.7	21.0	28	121.7	39.6	88	178.8	58.1
9	08.6	02.8	69	65.6	21.3	29	122.7	39.9	89	179.7	58.4
10	09.5	03.1	70	66.6	21.6	30	123.6	40.2	90	180.7	58.7
11	10.5	03.4	71	67.5	21.9	131	124.6	40.5	191	181.6	59.0
12	11.4	03.7	72	68.5	22.2	32	125.5	40.8	92	182.6	59.3
13	12.4	04.0	73	69.4	22.6	33	126.5	41.1	93	183.5	59.6
14	13.3	04.3	74	70.4	22.9	34	127.4	41.4	94	184.5	59.9
15	14.3	04.6	75	71.3	23.2	35	128.4	41.7	95	185.4	60.3
16	15.2	04.9	76	72.3	23.5	36	129.3	42.0	96	186.4	60.6
17	16.2	05.3	77	73.2	23.8	37	130.3	42.3	97	187.3	60.9
18	17.1	05.6	78	74.2	24.1	38	131.2	42.6	98	188.3	61.2
19	18.1	05.9	79	75.1	24.4	39	132.2	43.0	99	189.2	61.5
20	19.0	06.2	80	76.1	24.7	40	133.1	43.3	200	190.2	61.8
21	20.0	06.5	81	77.0	25.0	141	134.1	43.6	201	191.2	62.1
22	20.9	06.8	82	78.0	25.3	42	135.0	43.9	02	192.1	62.4
23	21.9	07.1	83	78.9	25.6	43	136.0	44.2	03	193.1	62.7
24	22.8	07.4	84	79.9	26.0	44	136.9	44.5	04	194.0	63.0
25	23.8	07.7	85	80.8	26.3	45	137.9	44.8	05	195.0	63.3
26	24.7	08.0	86	81.8	26.6	46	138.8	45.1	06	195.9	63.7
27	25.7	08.3	87	82.7	26.9	47	139.8	45.4	07	196.9	64.0
28	26.6	08.7	88	83.7	27.2	48	140.7	45.7	08	197.8	64.3
29	27.6	09.0	89	84.6	27.5	49	141.7	46.0	09	198.8	64.6
30	28.5	09.3	90	85.6	27.8	50	142.7	46.9	10	199.7	64.9
31	29.5	09.6	91	86.5	28.1	151	143.6	46.7	211	200.7	65.2
32	30.4	09.9	92	87.5	28.4	52	144.6	47.0	12	201.6	65.5
33	31.4	10.2	93	88.4	28.7	53	145.5	47.3	13	202.6	65.8
34	32.3	10.5	94	89.4	29.0	54	146.5	47.6	14	203.5	66.1
35	33.3	10.8	95	90.3	29.4	55	147.4	47.9	15	204.5	66.4
36	34.2	11.1	96	91.3	29.7	56	148.4	48.2	16	205.4	66.7
37	35.2	11.4	97	92.2	30.0	57	149.3	48.5	17	206.4	67.1
38	36.1	11.7	98	93.2	30.3	58	150.3	48.8	18	207.3	67.4
39	37.1	12.1	99	94.1	30.6	59	151.2	49.1	19	208.3	67.7
40	38.0	12.4	100	95.1	30.9	60	152.2	49.4	20	209.2	68.0
41	39.0	12.7	101	96.1	31.2	161	153.1	49.7	221	210.2	68.3
42	39.9	13.0	02	97.0	31.5	62	154.1	50.1	22	211.1	68.6
43	40.9	13.3	03	98.0	31.8	63	155.0	50.4	23	212.1	68.9
44	41.8	13.6	04	98.9	32.1	64	156.0	50.7	24	213.0	69.2
45	42.8	13.9	05	99.9	32.4	65	156.9	51.0	25	214.0	69.5
46	43.7	14.2	06	100.8	32.8	66	157.9	51.3	26	214.9	69.8
47	44.7	14.5	07	101.8	33.1	67	158.8	51.6	27	215.9	70.1
48	45.6	14.8	08	102.7	33.4	68	159.8	51.9	28	216.8	70.5
49	46.6	15.1	09	103.7	33.7	69	160.7	52.2	29	217.8	70.8
50	47.6	15.5	10	104.6	34.0	70	161.7	52.5	30	218.7	71.1
51	48.5	15.8	111	105.6	34.3	171	162.6	52.8	231	219.7	71.4
52	49.5	16.1	12	106.5	34.6	72	163.6	53.1	32	220.6	71.7
53	50.4	16.4	13	107.5	34.9	73	164.5	53.5	33	221.6	72.0
54	51.4	16.7	14	108.4	35.2	74	165.5	53.8	34	222.5	72.3
55	52.3	17.0	15	109.4	35.5	75	166.4	54.1	35	223.5	72.6
56	53.3	17.3	16	110.3	35.8	76	167.4	54.4	36	224.4	72.9
57	54.2	17.6	17	111.3	36.2	77	168.3	54.7	37	225.4	73.2
58	55.2	17.9	18	112.2	36.5	78	169.3	55.0	38	226.3	73.5
59	56.1	18.2	19	113.2	36.8	79	170.2	55.3	39	227.3	73.9
60	57.1	18.5	20	114.1	37.1	80	171.2	55.6	40	228.2	74.2
Dist	Abw.	Br.	Dist	Abw.	Br.	Dist	Abw.	Br.	Dist	Abw.	Br.

Dist	Br.	Abw.	Dist	Br.	Abw.	Dist	Br.	Abw.	Dist	Br.	Abw.
1	00.9	00.3	61	57.7	19.9	121	114.4	39.4	181	171.1	58.9
2	01.9	00.7	62	58.6	20.2	22	115.3	39.7	82	172.1	59.3
3	02.8	01.0	63	59.6	20.5	23	116.3	40.0	83	173.0	59.6
4	03.8	01.3	64	60.5	20.8	24	117.2	40.4	84	174.0	59.9
5	04.7	01.6	65	61.5	21.2	25	118.2	40.7	85	174.9	60.2
6	05.7	02.0	66	62.4	21.5	26	119.1	41.0	86	175.9	60.6
7	06.6	02.3	67	63.3	21.8	27	120.1	41.4	87	176.8	60.9
8	07.6	02.6	68	64.3	22.1	28	121.0	41.7	88	177.7	61.2
9	08.5	02.9	69	65.2	22.5	29	122.0	42.0	89	178.7	61.5
10	09.5	03.3	70	66.2	22.8	30	122.9	42.3	90	179.6	61.9
11	10.4	03.6	71	67.1	23.1	131	123.9	42.7	191	180.6	62.2
12	11.3	03.9	72	68.1	23.4	32	124.8	43.0	92	181.5	62.5
13	12.3	04.2	73	69.0	23.8	33	125.7	43.3	93	182.5	62.8
14	13.2	04.6	74	70.0	24.1	34	126.7	43.6	94	183.4	63.2
15	14.2	04.9	75	70.9	24.4	35	127.6	44.0	95	184.4	63.5
16	15.1	05.2	76	71.9	24.7	36	128.6	44.3	96	185.3	63.8
17	16.1	05.5	77	72.8	25.1	37	129.5	44.6	97	186.3	64.1
18	17.0	05.9	78	73.7	25.4	38	130.5	44.9	98	187.2	64.5
19	18.0	06.2	79	74.7	25.7	39	131.4	45.3	99	188.1	64.8
20	18.9	06.5	80	75.6	26.0	40	132.4	45.6	200	189.1	65.1
21	19.9	06.8	81	76.6	26.4	141	133.3	45.9	201	190.0	65.4
22	20.8	07.2	82	77.5	26.7	42	134.3	46.2	02	191.0	65.8
23	21.7	07.5	83	78.5	27.0	43	135.2	46.6	03	191.9	66.1
24	22.7	07.8	84	79.4	27.4	44	136.1	46.9	04	192.9	66.4
25	23.6	08.1	85	80.4	27.7	45	137.1	47.2	05	193.8	66.7
26	24.6	08.5	86	81.3	28.0	46	138.0	47.5	06	194.8	67.1
27	25.5	08.8	87	82.3	28.3	47	139.0	47.9	07	195.7	67.4
28	26.5	09.1	88	83.2	28.7	48	139.9	48.2	08	196.7	67.7
29	27.4	09.4	89	84.1	29.0	49	140.9	48.5	09	197.6	68.1
30	28.4	09.8	90	85.1	29.3	50	141.8	48.8	10	198.5	68.4
31	29.3	10.1	91	86.0	29.6	151	142.8	49.2	211	199.5	68.7
32	30.3	10.4	92	87.0	30.0	52	143.7	49.5	12	200.4	69.0
33	31.2	10.7	93	87.9	30.3	53	144.7	49.8	13	201.4	69.4
34	32.1	11.1	94	88.9	30.6	54	145.6	50.1	14	202.3	69.7
35	33.1	11.4	95	89.8	30.9	55	146.5	50.5	15	203.3	70.0
36	34.0	11.7	96	90.8	31.3	56	147.5	50.8	16	204.2	70.3
37	35.0	12.0	97	91.7	31.6	57	148.4	51.1	17	205.2	70.7
38	35.9	12.4	98	92.7	31.9	58	149.4	51.4	18	206.1	71.0
39	36.9	12.7	99	93.6	32.2	59	150.3	51.8	19	207.1	71.3
40	37.8	13.0	100	94.5	32.6	60	151.3	52.1	20	208.0	71.6
41	38.8	13.3	101	95.5	32.9	161	152.2	52.4	221	208.9	72.0
42	39.7	13.7	02	96.4	33.2	62	153.2	52.7	22	209.9	72.3
43	40.7	14.0	03	97.4	33.5	63	154.1	53.1	23	210.8	72.6
44	41.6	14.3	04	98.3	33.9	64	155.1	53.4	24	211.8	72.9
45	42.5	14.7	05	99.3	34.2	65	156.0	53.7	25	212.7	73.3
46	43.5	15.0	06	100.2	34.5	66	156.9	54.0	26	213.7	73.6
47	44.4	15.3	07	101.2	34.8	67	157.9	54.4	27	214.6	73.9
48	45.4	15.6	08	102.1	35.2	68	158.8	54.7	28	215.6	74.2
49	46.3	16.0	09	103.1	35.5	69	159.8	55.0	29	216.5	74.6
50	47.3	16.3	10	104.0	35.8	70	160.7	55.4	30	217.5	74.9
51	48.2	16.6	111	104.9	36.1	171	161.7	55.7	231	218.4	75.2
52	49.2	16.9	12	105.9	36.5	72	162.6	56.0	32	219.3	75.5
53	50.1	17.3	13	106.8	36.8	73	163.6	56.3	33	220.3	75.9
54	51.1	17.6	14	107.8	37.1	74	164.5	56.7	34	221.2	76.2
55	52.0	17.9	15	108.7	37.4	75	165.5	57.0	35	222.2	76.5
56	52.9	18.2	16	109.7	37.8	76	166.4	57.3	36	223.1	76.8
57	53.9	18.6	17	110.6	38.1	77	167.3	57.6	37	224.1	77.2
58	54.8	18.9	18	111.6	38.4	78	168.3	58.0	38	225.0	77.5
59	55.8	19.2	19	112.5	38.7	79	169.2	58.3	39	226.0	77.8
60	56.7	19.5	20	113.5	39.1	80	170.2	58.6	40	226.9	78.1
Dist	Abw.	Br.	Dist	Abw.	Br.	Dist	Abw.	Br.	Dist	Abw.	Br.

Dist	Br.	Abw.	Dist	Br.	Abw.	Dist	Br.	Abw.	Dist	Br.	Abw.
1	00.9	00.3	61	57.3	20.9	121	113.7	41.4	181	170.1	61.9
2	01.9	00.7	62	58.3	21.2	22	114.6	41.7	82	171.0	62.2
3	02.8	01.0	63	59.2	21.5	23	115.6	42.1	83	172.0	62.6
4	03.8	01.4	64	60.1	21.9	24	116.5	42.4	84	172.9	62.9
5	04.7	01.7	65	61.1	22.2	25	117.5	42.8	85	173.8	63.3
6	05.6	02.1	66	62.0	22.6	26	118.4	43.1	86	174.8	63.6
7	06.6	02.4	67	63.0	22.9	27	119.3	43.4	87	175.7	64.0
8	07.5	02.7	68	63.9	23.3	28	120.3	43.8	88	176.7	64.3
9	08.5	03.1	69	64.8	23.6	29	121.2	44.1	89	177.6	64.6
10	09.4	03.4	70	65.8	23.9	30	122.2	44.5	90	178.5	65.0
11	10.3	03.8	71	66.7	24.3	131	123.1	44.8	191	179.5	65.3
12	11.3	04.1	72	67.7	24.6	32	124.0	45.1	92	180.4	65.7
13	12.2	04.4	73	68.6	25.0	33	125.0	45.5	93	181.4	66.0
14	13.2	04.8	74	69.5	25.3	34	125.9	45.8	94	182.3	66.3
15	14.1	05.1	75	70.5	25.7	35	126.9	46.2	95	183.2	66.7
16	15.0	05.5	76	71.4	26.0	36	127.8	46.5	96	184.2	67.0
17	16.0	05.8	77	72.4	26.3	37	128.7	46.9	97	185.1	67.4
18	16.9	06.2	78	73.3	26.7	38	129.7	47.2	98	186.1	67.7
19	17.9	06.5	79	74.2	27.0	39	130.6	47.5	99	187.0	68.1
20	18.8	06.8	80	75.2	27.4	40	131.6	47.9	200	187.9	68.4
21	19.7	07.2	81	76.1	27.7	141	132.5	48.2	201	188.9	68.7
22	20.7	07.5	82	77.1	28.0	42	133.4	48.6	02	189.8	69.1
23	21.6	07.9	83	78.0	28.4	43	134.4	48.9	03	190.8	69.4
24	22.6	08.2	84	78.9	28.7	44	135.3	49.2	04	191.7	69.8
25	23.5	08.6	85	79.9	29.1	45	136.3	49.6	05	192.6	70.1
26	24.4	08.9	86	80.8	29.4	46	137.2	49.9	06	193.6	70.5
27	25.4	09.2	87	81.8	29.8	47	138.1	50.3	07	194.5	70.8
28	26.3	09.6	88	82.7	30.1	48	139.1	50.6	08	195.5	71.1
29	27.3	09.9	89	83.6	30.4	49	140.0	51.0	09	196.4	71.5
30	28.2	10.3	90	84.6	30.8	50	141.0	51.3	10	197.3	71.8
31	29.1	10.6	91	85.5	31.1	151	141.9	51.6	211	198.3	72.2
32	30.1	10.9	92	86.5	31.5	52	142.8	52.0	12	199.2	72.5
33	31.0	11.3	93	87.4	31.8	53	143.8	52.3	13	200.2	72.8
34	31.9	11.6	94	88.3	32.1	54	144.7	52.7	14	201.1	73.2
35	32.9	12.0	95	89.3	32.5	55	145.7	53.0	15	202.0	73.5
36	33.8	12.3	96	90.2	32.8	56	146.6	53.4	16	203.0	73.9
37	34.8	12.7	97	91.2	33.2	57	147.5	53.7	17	203.9	74.2
38	35.7	13.0	98	92.1	33.5	58	148.5	54.0	18	204.9	74.6
39	36.6	13.3	99	93.0	33.9	59	149.4	54.4	19	205.8	74.9
40	37.6	13.7	100	94.0	34.2	60	150.4	54.7	20	206.7	75.2
41	38.5	14.0	101	94.9	34.5	161	151.3	55.1	221	207.7	75.6
42	39.5	14.4	02	95.8	34.9	62	152.2	55.4	22	208.6	75.9
43	40.4	14.7	03	96.8	35.2	63	153.2	55.7	23	209.6	76.3
44	41.3	15.0	04	97.7	35.6	64	154.1	56.1	24	210.5	76.6
45	42.3	15.4	05	98.7	35.9	65	155.1	56.4	25	211.4	77.0
46	43.2	15.7	06	99.6	36.3	66	156.0	56.8	26	212.4	77.3
47	44.2	16.1	07	100.5	36.6	67	156.9	57.1	27	213.3	77.6
48	45.1	16.4	08	101.5	36.9	68	157.9	57.5	28	214.3	78.0
49	46.0	16.8	09	102.4	37.3	69	158.8	57.8	29	215.2	78.3
50	47.0	17.1	10	103.4	37.6	70	159.7	58.1	30	216.1	78.7
51	47.9	17.4	111	104.3	38.0	171	160.7	58.5	231	217.1	79.0
52	48.9	17.8	12	105.2	38.3	72	161.6	58.8	32	218.0	79.3
53	49.8	18.1	13	106.2	38.6	73	162.6	59.2	33	219.0	79.7
54	50.7	18.5	14	107.1	39.0	74	163.5	59.5	34	219.9	80.0
55	51.7	18.8	15	108.1	39.3	75	164.4	59.9	35	220.8	80.4
56	52.6	19.2	16	109.0	39.7	76	165.4	60.2	36	221.8	80.7
57	53.6	19.5	17	109.9	40.0	77	166.3	60.5	37	222.7	81.1
58	54.5	19.8	18	110.9	40.4	78	167.3	60.9	38	223.6	81.4
59	55.4	20.2	19	111.8	40.7	79	168.2	61.2	39	224.6	81.7
60	56.4	20.5	20	112.8	41.0	80	169.1	61.6	40	225.5	82.1
Dist	Abw.	Br.	Dist	Abw.	Br.	Dist	Abw.	Br.	Dist	Abw	Br.

Dist	Br.	Abw.	Dist	Br.	Abw.	Dist	Br.	Abw.	Dist	Br.	Abw.
1	00.9	00.4	61	56.9	21.9	121	113.0	43.4	181	169.0	64.9
2	01.9	00.7	62	57.9	22.2	22	113.9	43.7	82	169.9	65.2
3	02.8	01.1	63	58.8	22.6	23	114.9	44.1	83	170.9	65.6
4	03.7	01.4	64	59.7	22.9	24	115.8	44.4	84	171.8	65.9
5	04.7	01.8	65	60.7	23.3	25	116.7	44.8	85	172.7	66.3
6	05.6	02.2	66	61.6	23.7	26	117.7	45.2	86	173.7	66.7
7	06.5	02.5	67	62.5	24.0	27	118.6	45.5	87	174.6	67.0
8	07.5	02.9	68	63.5	24.4	28	119.5	45.9	88	175.5	67.4
9	08.4	03.2	69	64.4	24.7	29	120.5	46.2	89	176.5	67.7
10	09.3	03.6	70	65.3	25.1	30	121.4	46.6	90	177.4	68.1
11	10.3	03.9	71	66.3	25.4	131	122.3	47.0	191	178.3	68.5
12	11.2	04.3	72	67.2	25.8	32	123.3	47.9	92	179.3	68.8
13	12.1	04.6	73	68.1	26.2	33	124.2	47.7	93	180.2	69.2
14	13.1	05.0	74	69.1	26.5	34	125.1	48.0	94	181.1	69.5
15	14.0	05.4	75	70.0	26.9	35	126.1	48.4	95	182.1	69.9
16	14.9	05.7	76	70.9	27.2	36	127.0	48.7	96	183.0	70.2
17	15.9	06.1	77	71.9	27.6	37	127.9	49.1	97	183.9	70.6
18	16.8	06.5	78	72.8	28.0	38	128.9	49.5	98	184.9	71.0
19	17.7	06.8	79	73.7	28.3	39	129.8	49.8	99	185.8	71.3
20	18.7	07.2	80	74.7	28.7	40	130.7	50.2	200	186.7	71.7
21	19.6	07.5	81	75.6	29.0	141	131.7	50.5	201	187.6	72.0
22	20.5	07.9	82	76.5	29.4	42	132.6	50.9	02	188.6	72.4
23	21.5	08.2	83	77.5	29.7	43	133.5	51.3	03	189.5	72.8
24	22.4	08.6	84	78.4	30.1	44	134.5	51.6	04	190.4	73.1
25	23.3	09.0	85	79.3	30.5	45	135.4	52.0	05	191.4	73.5
26	24.3	09.3	86	80.3	30.8	46	136.3	52.3	06	192.3	73.8
27	25.2	09.7	87	81.2	31.2	47	137.3	52.7	07	193.2	74.2
28	26.1	10.0	88	82.1	31.5	48	138.2	53.0	08	194.2	74.5
29	27.1	10.4	89	83.1	31.9	49	139.1	53.4	09	195.1	74.9
30	28.0	10.8	90	84.0	32.3	50	140.1	53.8	10	196.0	75.3
31	28.9	11.1	91	84.9	32.6	151	141.0	54.1	211	197.0	75.6
32	29.9	11.5	92	85.9	33.0	52	141.9	54.5	12	197.9	76.0
33	30.8	11.8	93	86.8	33.3	53	142.9	54.8	13	198.8	76.3
34	31.7	12.2	94	87.7	33.7	54	143.8	55.2	14	199.8	76.7
35	32.7	12.5	95	88.7	34.0	55	144.7	55.6	15	200.7	77.1
36	33.6	12.9	96	89.6	34.4	56	145.7	55.9	16	201.6	77.3
37	34.5	13.3	97	90.5	34.8	57	146.6	56.3	17	202.6	77.8
38	35.5	13.6	98	91.5	35.1	58	147.5	56.6	18	203.5	78.1
39	36.4	14.0	99	92.4	35.5	59	148.5	57.0	19	204.4	78.5
40	37.3	14.3	100	93.4	35.8	60	149.4	57.3	20	205.4	78.8
41	38.3	14.7	101	94.3	36.2	161	150.3	57.7	221	206.3	79.2
42	39.2	15.1	02	95.3	36.6	62	151.3	58.1	22	207.3	79.6
43	40.1	15.4	03	96.2	36.9	63	152.2	58.4	23	208.2	79.9
44	41.1	15.8	04	97.1	37.3	64	153.1	58.8	24	209.1	80.3
45	42.0	16.1	05	98.1	37.6	65	154.1	59.1	25	210.0	80.6
46	42.9	16.5	06	99.0	38.0	66	155.0	59.5	26	211.0	81.0
47	43.9	16.8	07	99.9	38.3	67	155.9	59.9	27	211.9	81.4
48	44.8	17.2	08	100.9	38.7	68	156.9	60.2	28	212.8	81.7
49	45.7	17.6	09	101.8	39.1	69	157.8	60.6	29	213.8	82.1
50	46.7	17.9	10	102.7	39.4	70	158.7	60.9	30	214.7	82.4
51	47.6	18.3	111	103.7	39.8	171	159.7	61.3	231	215.6	82.8
52	48.5	18.6	12	104.6	40.1	72	160.6	61.6	32	216.6	83.1
53	49.5	19.0	13	105.5	40.5	73	161.5	62.0	33	217.5	83.5
54	50.4	19.4	14	106.5	40.9	74	162.5	62.4	34	218.4	83.9
55	51.3	19.7	15	107.4	41.2	75	163.4	62.7	35	219.4	84.2
56	52.3	20.1	16	108.3	41.6	76	164.3	63.1	36	220.3	84.6
57	53.2	20.4	17	109.3	41.9	77	165.3	63.4	37	221.2	84.9
58	54.1	20.8	18	110.2	42.3	78	166.2	63.8	38	222.2	85.3
59	55.1	21.1	19	111.1	42.6	79	167.1	64.2	39	223.1	85.7
60	56.0	21.5	20	112.1	43.0	80	168.1	64.5	40	224.1	86.0
Dist	Abw.	Br.	Dist	Abw.	Br.	Dist	Abw.	Br.	Dist	Abw.	Br.

Dist	Br.	Abw.	Dist	Br.	Abw.	Dist	Br.	Abw.	Dist	Br.	Abw.
1	00.9	00.4	61	56.6	22.9	121	112.2	45.3	181	167.8	67.8
2	01.9	00.7	62	57.5	23.2	22	113.1	45.7	82	168.8	68.2
3	02.8	01.1	63	58.4	23.6	23	114.0	46.1	83	169.7	68.6
4	03.7	01.5	64	59.3	24.0	24	115.0	46.5	84	170.6	68.9
5	04.6	01.9	65	60.3	24.3	25	115.9	46.8	85	171.5	69.3
6	05.6	02.2	66	61.2	24.7	26	116.8	47.2	86	172.5	69.7
7	06.5	02.6	67	62.1	25.1	27	117.8	47.6	87	173.4	70.1
8	07.4	03.0	68	63.0	25.5	28	118.7	47.9	88	174.3	70.4
9	08.3	03.4	69	64.0	25.8	29	119.6	48.3	89	175.2	70.8
10	09.3	03.7	70	64.9	26.2	30	120.5	48.7	90	176.2	71.2
11	10.2	04.1	71	65.8	26.6	131	121.5	49.1	191	177.1	71.5
12	11.1	04.5	72	66.8	27.0	32	122.4	49.4	92	178.0	71.9
13	12.1	04.9	73	67.7	27.3	33	123.3	49.8	93	178.9	72.3
14	13.0	05.2	74	68.6	27.7	34	124.2	50.2	94	179.8	72.7
15	13.9	05.6	75	69.5	28.1	35	125.2	50.6	95	180.8	73.0
16	14.8	06.0	76	70.5	28.5	36	126.1	50.9	96	181.7	73.4
17	15.8	06.4	77	71.4	28.8	37	127.0	51.3	97	182.7	73.8
18	16.7	06.7	78	72.3	29.2	38	128.0	51.7	98	183.6	74.2
19	17.6	07.1	79	73.2	29.6	39	128.9	52.1	99	184.5	74.5
20	18.5	07.5	80	74.2	30.0	40	129.8	52.4	200	185.4	74.9
21	19.5	07.9	81	75.1	30.3	141	130.7	52.8	201	186.4	75.3
22	20.4	08.2	82	76.0	30.7	42	131.7	53.2	02	187.3	75.7
23	21.3	08.6	83	77.0	31.1	43	132.6	53.6	03	188.2	76.0
24	22.3	09.0	84	77.9	31.5	44	133.5	53.9	04	189.1	76.4
25	23.2	09.4	85	78.8	31.8	45	134.4	54.3	05	190.1	76.8
26	24.1	09.7	86	79.7	32.2	46	135.4	54.7	06	191.0	77.2
27	25.0	10.1	87	80.7	32.6	47	136.3	55.1	07	191.9	77.5
28	26.0	10.5	88	81.6	33.0	48	137.2	55.4	08	192.9	77.9
29	26.9	10.9	89	82.5	33.3	49	138.2	55.8	09	193.8	78.3
30	27.8	11.2	90	83.4	33.7	50	139.1	56.2	10	194.7	78.7
31	28.7	11.6	91	84.4	34.1	151	140.0	56.6	211	195.6	79.0
32	29.7	12.0	92	85.3	34.5	52	140.9	56.9	12	196.6	79.4
33	30.6	12.4	93	86.2	34.8	53	141.9	57.3	13	197.5	79.8
34	31.5	12.7	94	87.2	35.2	54	142.8	57.7	14	198.4	80.2
35	32.5	13.1	95	88.1	35.6	55	143.7	58.1	15	199.3	80.5
36	33.4	13.5	96	89.0	36.0	56	144.6	58.4	16	200.3	80.9
37	34.3	13.9	97	89.9	36.3	57	145.6	58.8	17	201.2	81.3
38	35.2	14.2	98	90.9	36.7	58	146.5	59.2	18	202.1	81.7
39	36.2	14.6	99	91.8	37.1	59	147.4	59.6	19	203.1	82.0
40	37.1	15.0	100	92.7	37.5	60	148.4	59.9	20	204.0	82.4
41	38.0	15.4	101	93.6	37.8	161	149.3	60.3	221	204.9	82.8
42	38.9	15.7	02	94.6	38.2	62	150.2	60.7	22	205.8	83.2
43	39.9	16.1	03	95.5	38.6	63	151.1	61.1	23	206.7	83.5
44	40.8	16.5	04	96.4	39.0	64	152.1	61.4	24	207.7	83.9
45	41.7	16.9	05	97.4	39.3	65	153.0	61.8	25	208.6	84.3
46	42.7	17.2	06	98.3	39.7	66	153.9	62.2	26	209.5	84.7
47	43.6	17.6	07	99.2	40.1	67	154.8	62.6	27	210.5	85.0
48	44.5	18.0	08	100.1	40.5	68	155.8	62.9	28	211.4	85.4
49	45.4	18.4	09	101.1	40.8	69	156.7	63.3	29	212.3	85.8
50	46.4	18.7	10	102.0	41.2	70	157.6	63.7	30	213.3	86.2
51	47.3	19.1	111	102.9	41.6	171	158.6	64.1	231	214.2	86.5
52	48.2	19.5	12	103.8	42.0	72	159.5	64.4	32	215.1	86.9
53	49.1	19.9	13	104.8	42.3	73	160.4	64.8	33	216.0	87.3
54	50.1	20.2	14	105.7	42.7	74	161.3	65.2	34	217.0	87.7
55	51.0	20.6	15	106.6	43.1	75	162.3	65.6	35	217.9	88.0
56	51.9	21.0	16	107.6	43.5	76	163.2	65.9	36	218.8	88.4
57	52.9	21.4	17	108.5	43.8	77	164.1	66.3	37	219.7	88.8
58	53.8	21.7	18	109.4	44.2	78	165.0	66.7	38	220.7	89.2
59	54.7	22.1	19	110.3	44.6	79	166.0	67.1	39	221.6	89.5
60	55.6	22.5	20	111.3	45.0	80	166.9	67.4	40	222.5	89.9
Dist	Abw.	Br.	Dist	Abw.	Br.	Dist	Abw.	Br.	Dist	Abw.	Br.

Dist	Br.	Abw.	Dist	Br.	Abw.	Dist	Br.	Abw.	Dist	Br.	Abw.
1	00.9	00.4	61	56.1	23.8	121	111.4	47.3	181	166.6	70.7
2	01.8	00.8	62	57.1	24.2	22	112.3	47.7	82	167.5	71.5
3	02.8	01.2	63	58.0	24.6	23	113.2	48.1	83	168.5	71.5
4	03.7	01.6	64	58.9	25.0	24	114.1	48.4	84	169.4	71.9
5	04.6	02.0	65	59.8	25.4	25	115.1	48.8	85	170.3	72.3
6	05.5	02.3	66	60.8	25.8	26	116.0	49.2	86	171.2	72.7
7	06.4	02.7	67	61.7	26.2	27	116.9	49.6	87	172.2	73.1
8	07.4	03.1	68	62.6	26.6	28	117.8	50.0	88	173.1	73.5
9	08.3	03.5	69	63.5	27.0	29	118.7	50.4	89	174.0	73.8
10	09.2	03.9	70	64.4	27.3	30	119.7	50.8	90	174.9	74.2
11	10.1	04.3	71	65.4	27.7	131	120.6	51.2	191	175.8	74.6
12	11.0	04.7	72	66.3	28.1	32	121.5	51.6	92	176.7	75.0
13	12.0	05.1	73	67.2	28.5	33	122.4	52.0	93	177.7	75.4
14	12.9	05.5	74	68.1	28.9	34	123.3	52.4	94	178.6	75.8
15	13.8	05.9	75	69.0	29.3	35	124.3	52.7	95	179.5	76.2
16	14.7	06.3	76	70.0	29.7	36	125.2	53.1	96	180.4	76.6
17	15.6	06.6	77	70.9	30.1	37	126.1	53.5	97	181.3	77.0
18	16.6	07.0	78	71.8	30.5	38	127.0	53.9	98	182.3	77.4
19	17.5	07.4	79	72.7	30.9	39	127.9	54.3	99	183.2	77.7
20	18.4	07.8	80	73.6	31.3	40	128.9	54.7	200	184.1	78.1
21	19.3	08.2	81	74.6	31.6	141	129.8	55.1	201	185.0	78.5
22	20.3	08.6	82	75.5	32.0	42	130.7	55.5	02	185.9	78.9
23	21.2	09.0	83	76.4	32.4	43	131.6	55.9	03	186.9	79.3
24	22.1	09.4	84	77.3	32.8	44	132.6	56.3	04	187.8	79.7
25	23.0	09.8	85	78.2	33.2	45	133.5	56.7	05	188.7	80.1
26	23.9	10.2	86	79.2	33.6	46	134.4	57.0	06	189.6	80.5
27	24.9	10.5	87	80.1	34.0	47	135.3	57.4	07	190.5	80.9
28	25.8	10.9	88	81.0	34.4	48	136.2	57.8	08	191.5	81.3
29	26.7	11.3	89	81.9	34.8	49	137.2	58.2	09	192.4	81.7
30	27.6	11.7	90	82.8	35.2	50	138.1	58.6	10	193.3	82.0
31	28.5	12.1	91	83.8	35.6	151	139.0	59.0	211	194.2	82.4
32	29.5	12.5	92	84.7	35.9	52	139.9	59.4	12	195.1	82.8
33	30.4	12.9	93	85.6	36.3	53	140.8	59.8	13	196.1	83.2
34	31.3	13.3	94	86.5	36.7	54	141.8	60.2	14	197.0	83.6
35	32.2	13.7	95	87.4	37.1	55	142.7	60.6	15	197.9	84.0
36	33.1	14.1	96	88.4	37.5	56	143.6	60.9	16	198.8	84.4
37	34.1	14.5	97	89.3	37.9	57	144.5	61.3	17	199.7	84.8
38	35.0	14.8	98	90.2	38.3	58	145.4	61.7	18	200.7	85.2
39	35.9	15.2	99	91.1	38.7	59	146.4	62.1	19	201.6	85.6
40	36.8	15.6	100	92.0	39.1	60	147.3	62.5	20	202.5	86.0
41	37.7	16.0	101	93.0	39.5	161	148.2	62.9	221	203.4	86.3
42	38.7	16.4	02	93.9	39.9	62	149.1	63.3	22	204.4	86.7
43	39.6	16.8	03	94.8	40.2	63	150.0	63.7	23	205.3	87.1
44	40.5	17.2	04	95.7	40.6	64	151.0	64.1	24	206.2	87.5
45	41.4	17.6	05	96.7	41.0	65	151.9	64.5	25	207.1	87.9
46	42.3	18.0	06	97.6	41.4	66	152.8	64.9	26	208.0	88.3
47	43.3	18.4	07	98.5	41.8	67	153.7	65.2	27	209.0	88.7
48	44.2	18.8	08	99.4	42.2	68	154.6	65.6	28	209.9	89.1
49	45.1	19.1	09	100.3	42.6	69	155.6	66.0	29	210.8	89.5
50	46.0	19.5	10	101.3	43.0	70	156.5	66.4	30	211.7	89.9
51	46.9	19.9	111	102.2	43.4	171	157.4	66.8	231	212.6	90.3
52	47.9	20.3	12	103.1	43.8	72	158.3	67.2	32	213.6	90.6
53	48.8	20.7	13	104.0	44.1	73	159.2	67.6	33	214.5	91.0
54	49.7	21.1	14	104.9	44.5	74	160.2	68.0	34	215.4	91.4
55	50.6	21.5	15	105.9	44.9	75	161.1	68.4	35	216.3	91.8
56	51.5	21.9	16	106.8	45.3	76	162.0	68.8	36	217.2	92.2
57	52.5	22.3	17	107.7	45.7	77	162.9	69.2	37	218.2	92.6
58	53.4	22.7	18	108.6	46.1	78	163.8	69.5	38	219.1	93.0
59	54.3	23.1	19	109.5	46.5	79	164.8	69.9	39	220.0	93.4
60	55.2	23.4	20	110.5	46.9	80	165.7	70.3	40	220.9	93.8
Dist	Abw.	Br.	Dist	Abw.	Br.	Dist	Abw.	Br.	Dist	Abw.	Br.

Dist	Br.	Abw.	Dist	Br.	Abw.	Dist	Br.	Abw.	Dist	Br.	Abw.
1	00.9	00.4	61	55.7	24.8	121	110.5	49.2	181	165.3	73.6
2	01.8	00.8	62	56.6	25.2	22	111.4	49.6	82	166.3	74.0
3	02.7	01.2	63	57.6	25.6	23	112.4	50.0	83	167.2	74.4
4	03.7	01.6	64	58.5	26.0	24	113.3	50.4	84	168.1	74.8
5	04.6	02.0	65	59.4	26.4	25	114.2	50.8	85	169.0	75.2
6	05.5	02.4	66	60.3	26.8	26	115.1	51.2	86	169.9	75.6
7	06.4	02.8	67	61.2	27.2	27	116.0	51.7	87	170.8	76.1
8	07.3	03.3	68	62.1	27.7	28	116.9	52.1	88	171.7	76.5
9	08.2	03.7	69	63.0	28.1	29	117.8	52.5	89	172.7	76.9
10	09.1	04.1	70	63.9	28.5	30	118.8	52.9	90	173.6	77.3
11	10.0	04.5	71	64.9	28.9	131	119.7	53.3	191	174.5	77.7
12	11.0	04.9	72	65.8	29.3	32	120.6	53.7	92	175.4	78.1
13	11.9	05.3	73	66.7	29.7	33	121.5	54.1	93	176.3	78.5
14	12.8	05.7	74	67.6	30.1	34	122.4	54.5	94	177.2	78.9
15	13.7	06.1	75	68.5	30.5	35	123.3	54.9	95	178.1	79.3
16	14.6	06.5	76	69.4	30.9	36	124.2	55.3	96	179.0	79.7
17	15.5	06.9	77	70.3	31.3	37	125.1	55.7	97	180.0	80.1
18	16.4	07.3	78	71.3	31.7	38	126.1	56.1	98	180.9	80.5
19	17.4	07.7	79	72.2	32.1	39	127.0	56.5	99	181.8	80.9
20	18.3	08.1	80	73.1	32.5	40	127.9	56.9	200	182.7	81.3
21	19.2	08.5	81	74.0	32.9	141	128.8	57.3	201	183.6	81.7
22	20.1	08.9	82	74.9	33.3	42	129.7	57.8	02	184.5	82.2
23	21.0	09.4	83	75.8	33.8	43	130.6	58.2	03	185.4	82.6
24	21.9	09.8	84	76.7	34.2	44	131.5	58.6	04	186.4	83.0
25	22.8	10.2	85	77.6	34.6	45	132.5	59.0	05	187.3	83.4
26	23.8	10.6	86	78.6	35.0	46	133.4	59.4	06	188.2	83.8
27	24.7	11.0	87	79.5	35.4	47	134.3	59.8	07	189.1	84.2
28	25.6	11.4	88	80.4	35.8	48	135.2	60.2	08	190.0	84.6
29	26.5	11.8	89	81.3	36.2	49	136.1	60.6	09	190.9	85.0
30	27.4	12.2	90	82.2	36.6	50	137.0	61.0	10	191.8	85.4
31	28.3	12.6	91	83.1	37.0	151	137.9	61.4	211	192.7	85.8
32	29.2	13.0	92	84.0	37.4	52	138.9	61.8	12	193.7	86.2
33	30.1	13.4	93	85.0	37.8	53	139.8	62.2	13	194.6	86.6
34	31.1	13.8	94	85.9	38.2	54	140.7	62.6	14	195.5	87.0
35	32.0	14.2	95	86.8	38.6	55	141.6	63.0	15	196.4	87.4
36	32.9	14.6	96	87.7	39.0	56	142.5	63.4	16	197.3	87.8
37	33.8	15.0	97	88.6	39.4	57	143.4	63.9	17	198.2	88.3
38	34.7	15.5	98	89.5	39.9	58	144.3	64.3	18	199.1	88.7
39	35.6	15.9	99	90.4	40.3	59	145.2	64.7	19	200.1	89.1
40	36.5	16.3	100	91.4	40.7	60	146.2	65.1	20	201.0	89.5
41	37.5	16.7	101	92.3	41.1	161	147.1	65.5	221	201.9	89.9
42	38.4	17.1	02	93.2	41.5	62	148.0	65.9	22	202.8	90.3
43	39.3	17.5	03	94.1	41.9	63	148.9	66.3	23	203.7	90.7
44	40.2	17.9	04	95.0	42.3	64	149.8	66.7	24	204.6	91.1
45	41.1	18.3	05	95.9	42.7	65	150.7	67.1	25	205.5	91.5
46	42.0	18.7	06	96.8	43.1	66	151.6	67.5	26	206.5	91.9
47	42.9	19.1	07	97.7	43.5	67	152.6	67.9	27	207.4	92.3
48	43.8	19.5	08	98.7	43.9	68	153.5	68.3	28	208.3	92.7
49	44.8	19.9	09	99.6	44.3	69	154.4	68.7	29	209.2	93.1
50	45.7	20.3	10	100.5	44.7	70	155.3	69.1	30	210.1	93.5
51	46.6	20.7	111	101.4	45.1	171	156.2	69.5	231	211.0	93.9
52	47.5	21.1	12	102.3	45.6	72	157.1	70.0	32	211.9	94.4
53	48.4	21.6	13	103.2	46.0	73	158.0	70.4	33	212.8	94.8
54	49.3	22.0	14	104.1	46.4	74	158.9	70.8	34	213.8	95.2
55	50.2	22.4	15	105.1	46.8	75	159.9	71.2	35	214.7	95.6
56	51.2	22.8	16	106.0	47.2	76	160.8	71.6	36	215.6	96.0
57	52.1	23.2	17	106.9	47.6	77	161.7	72.0	37	216.5	96.4
58	53.0	23.6	18	107.8	48.0	78	162.6	72.4	38	217.4	96.8
59	53.9	24.0	19	108.7	48.4	79	163.5	72.8	39	218.3	97.2
60	54.8	24.4	20	109.6	48.8	80	164.4	73.2	40	219.2	97.6
Dist	Abw.	Br.	Dist	Abw.	Br.	Dist	Abw.	Br.	Dist	Abw.	Br.

Dist	Br.	Abw.	Dist	Br.	Abw.	Dist	Br.	Abw.	Dist	Br.	Abw.
1	00.9	00.4	61	55.3	25.8	121	109.7	51.1	181	164.0	76.5
2	01.8	00.8	62	56.2	26.2	22	110.6	51.6	82	164.9	76.9
3	02.7	01.3	63	57.1	26.6	23	111.5	52.0	83	165.9	77.3
4	03.6	01.7	64	58.0	27.0	24	112.4	52.4	84	166.8	77.8
5	04.5	02.1	65	58.9	27.5	25	113.3	52.8	85	167.7	78.2
6	05.4	02.5	66	59.8	27.9	26	114.2	53.2	86	168.6	78.6
7	06.3	03.0	67	60.7	28.3	27	115.1	53.7	87	169.5	79.0
8	07.3	03.4	68	61.6	28.7	28	116.0	54.1	88	170.4	79.4
9	08.2	03.8	69	62.5	29.2	29	116.9	54.5	89	171.3	79.9
10	09.1	04.2	70	63.4	29.6	30	117.8	54.9	90	172.2	80.3
11	10.0	04.6	71	64.3	30.0	131	118.7	55.4	191	173.1	80.7
12	10.9	05.0	72	65.3	30.4	32	119.6	55.8	92	174.0	81.1
13	11.8	05.5	73	66.2	30.8	33	120.5	56.2	93	174.9	81.6
14	12.7	05.9	74	67.1	31.3	34	121.4	56.6	94	175.8	82.0
15	13.6	06.3	75	68.0	31.7	35	122.4	57.1	95	176.7	82.4
16	14.5	06.8	76	68.9	32.1	36	123.3	57.5	96	177.6	82.8
17	15.4	07.2	77	69.8	32.5	37	124.2	57.9	97	178.5	83.3
18	16.3	07.6	78	70.7	33.0	38	125.1	58.3	98	179.4	83.7
19	17.2	08.0	79	71.6	33.4	39	126.0	58.7	99	180.4	84.1
20	18.1	08.5	80	72.5	33.8	40	126.9	59.2	200	181.3	84.5
21	19.0	08.9	81	73.4	34.2	141	127.8	59.6	201	182.2	84.9
22	19.9	09.3	82	74.3	34.7	42	128.7	60.0	02	183.1	85.4
23	20.8	09.7	83	75.2	35.1	43	129.6	60.4	03	184.0	85.8
24	21.8	10.1	84	76.1	35.5	44	130.5	60.9	04	184.9	86.2
25	22.7	10.6	85	77.0	35.9	45	131.4	61.3	05	185.8	86.6
26	23.6	11.0	86	77.9	36.3	46	132.3	61.7	06	186.7	87.1
27	24.5	11.4	87	78.8	36.8	47	133.2	62.1	07	187.6	87.5
28	25.4	11.8	88	79.8	37.2	48	134.1	62.5	08	188.5	87.9
29	26.3	12.3	89	80.7	37.6	49	135.0	63.0	09	189.4	88.3
30	27.2	12.7	90	81.6	38.0	50	135.9	63.4	10	190.3	88.7
31	28.1	13.1	91	82.5	38.5	151	136.9	63.8	211	191.2	89.2
32	29.0	13.5	92	83.4	38.9	52	137.8	64.2	12	192.1	89.6
33	29.9	13.9	93	84.3	39.3	53	138.7	64.7	13	193.0	90.0
34	30.8	14.4	94	85.2	39.7	54	139.6	65.1	14	193.9	90.4
35	31.7	14.8	95	86.1	40.1	55	140.5	65.5	15	194.9	90.9
36	32.6	15.2	96	87.0	40.6	56	141.4	65.9	16	195.8	91.3
37	33.5	15.6	97	87.9	41.0	57	142.3	66.3	17	196.7	91.7
38	34.4	16.1	98	88.8	41.4	58	143.2	66.8	18	197.6	92.1
39	35.3	16.5	99	89.7	41.8	59	144.1	67.2	19	198.5	92.5
40	36.3	16.9	100	90.6	42.3	60	145.0	67.6	20	199.4	93.0
41	37.2	17.3	101	91.5	42.7	161	145.9	68.0	221	200.3	93.4
42	38.1	17.7	02	92.4	43.1	62	146.8	68.5	22	201.2	93.8
43	39.0	18.2	03	93.3	43.5	63	147.7	68.9	23	202.1	94.2
44	39.9	18.6	04	94.3	44.0	64	148.6	69.3	24	203.0	94.7
45	40.8	19.0	05	95.2	44.4	65	149.5	69.7	25	203.9	95.1
46	41.7	19.4	06	96.1	44.8	66	150.4	70.2	26	204.8	95.5
47	42.6	19.9	07	97.0	45.2	67	151.4	70.6	27	205.7	95.9
48	43.5	20.3	08	97.9	45.6	68	152.3	71.0	28	206.6	96.4
49	44.4	20.7	09	98.8	46.1	69	153.2	71.4	29	207.5	96.8
50	45.3	21.1	10	99.7	46.5	70	154.1	71.8	30	208.4	97.2
51	46.2	21.6	111	100.6	46.9	171	155.0	72.3	231	209.4	97.6
52	47.1	22.0	12	101.5	47.3	72	155.9	72.7	32	210.3	98.0
53	48.0	22.4	13	102.4	47.8	73	156.8	73.1	33	211.2	98.5
54	48.9	22.8	14	103.3	48.2	74	157.7	73.5	34	212.1	98.9
55	49.8	23.2	15	104.2	48.6	75	158.6	74.0	35	213.0	99.3
56	50.8	23.7	16	105.1	49.0	76	159.5	74.4	36	213.9	99.7
57	51.7	24.1	17	106.0	49.4	77	160.4	74.8	37	214.8	100.2
58	52.6	24.5	18	106.9	49.9	78	161.3	75.2	38	215.7	100.6
59	53.5	24.9	19	107.8	50.3	79	162.2	75.6	39	216.6	101.0
60	54.4	25.4	20	108.8	50.7	80	163.1	76.1	40	217.5	101.4
Dist	Abw.	Br.	Dist	Abw.	Br.	Dist	Abw.	Br.	Dist	Abw.	Br.

Dist	Br.	Abw.	Dist	Br.	Abw.	Dist	Br.	Abw.	Dist	Br.	Abw.
1	00.9	00.4	61	54.8	26.7	121	108.8	53.0	181	162.7	79.4
2	01.8	00.9	62	55.7	27.2	22	109.7	53.5	82	163.6	79.8
3	02.7	01.3	63	56.6	27.6	23	110.6	53.9	83	164.5	80.2
4	03.6	01.8	64	57.5	28.1	24	111.5	54.4	84	165.4	80.7
5	04.5	02.2	65	58.4	28.5	25	112.4	54.8	85	166.3	81.1
6	05.4	02.6	66	59.3	28.9	26	113.2	55.2	86	167.2	81.5
7	06.3	03.1	67	60.2	29.4	27	114.1	55.7	87	168.1	82.0
8	07.2	03.5	68	61.1	29.8	28	115.0	56.1	88	169.0	82.4
9	08.1	03.9	69	62.0	30.2	29	115.9	56.6	89	169.9	82.9
10	09.0	04.4	70	62.9	30.7	30	116.8	57.0	90	170.8	83.3
11	09.9	04.8	71	63.8	31.1	131	117.7	57.4	191	171.7	83.7
12	10.8	05.3	72	64.7	31.6	32	118.6	57.9	92	172.6	84.2
13	11.7	05.7	73	65.6	32.0	33	119.5	58.3	93	173.5	84.6
14	12.6	06.1	74	66.5	32.4	34	120.4	58.7	94	174.4	85.0
15	13.5	06.6	75	67.4	32.9	35	121.3	59.2	95	175.3	85.5
16	14.4	07.0	76	68.3	33.3	36	122.2	59.6	96	176.2	85.9
17	15.3	07.5	77	69.2	33.8	37	123.1	60.1	97	177.1	86.4
18	16.2	07.9	78	70.1	34.2	38	124.0	60.5	98	178.0	86.8
19	17.1	08.3	79	71.0	34.6	39	124.9	60.9	99	178.9	87.2
20	18.0	08.7	80	71.9	35.1	40	125.8	61.4	200	179.8	87.7
21	18.9	09.2	81	72.8	35.5	141	126.7	61.8	201	180.7	88.1
22	19.8	09.6	82	73.7	35.9	42	127.6	62.3	02	181.6	88.6
23	20.7	10.1	83	74.6	36.4	43	128.5	62.7	03	182.5	89.0
24	21.6	10.5	84	75.5	36.8	44	129.4	63.1	04	183.4	89.4
25	22.5	11.0	85	76.4	37.3	45	130.3	63.6	05	184.3	89.9
26	23.4	11.4	86	77.3	37.7	46	131.2	64.0	06	185.2	90.3
27	24.3	11.8	87	78.2	38.1	47	132.1	64.4	07	186.1	90.7
28	25.2	12.3	88	79.1	38.6	48	133.0	64.9	08	187.0	91.2
29	26.1	12.7	89	80.0	39.0	49	133.9	65.3	09	187.8	91.6
30	27.0	13.2	90	80.9	39.5	50	134.8	65.8	10	188.7	92.1
31	27.9	13.6	91	81.8	39.9	151	135.7	66.2	211	189.6	92.5
32	28.8	14.0	92	82.7	40.3	52	136.6	66.6	12	190.5	92.99
33	29.7	14.5	93	83.6	40.8	53	137.5	67.1	13	191.4	93.4
34	30.6	14.9	94	84.5	41.2	54	138.4	67.5	14	192.3	93.8
35	31.5	15.3	95	85.4	41.6	55	139.3	68.0	15	193.2	94.3
36	32.4	15.8	96	86.3	42.1	56	140.2	68.4	16	194.1	94.7
37	33.3	16.2	97	87.2	42.5	57	141.1	68.8	17	195.0	95.1
38	34.2	16.7	98	88.1	43.0	58	142.0	69.3	18	195.9	95.6
39	35.1	17.1	99	89.0	43.4	59	142.9	69.7	19	196.8	96.0
40	36.0	17.5	100	89.9	43.8	60	143.8	70.1	20	197.7	96.4
41	36.9	18.0	101	90.8	44.3	161	144.7	70.6	221	198.6	96.9
42	37.7	18.4	02	91.7	44.7	62	145.6	71.0	22	199.5	97.3
43	38.6	18.9	03	92.6	45.2	63	146.5	71.5	23	200.4	97.8
44	39.5	19.3	04	93.5	45.6	64	147.4	71.9	24	201.3	98.2
45	40.4	19.7	05	94.4	46.0	65	148.3	72.3	25	202.2	98.6
46	41.3	20.2	06	95.3	46.5	66	149.2	72.8	26	203.1	99.1
47	42.2	20.6	07	96.2	46.9	67	150.1	73.2	27	204.0	99.5
48	43.1	21.0	08	97.1	47.3	68	151.0	73.7	28	204.9	100.0
49	44.0	21.5	09	98.0	47.8	69	151.9	74.1	29	205.8	100.4
50	44.9	21.9	10	98.9	48.2	70	152.8	74.5	30	206.7	100.8
51	45.8	22.4	111	99.8	48.7	171	153.7	75.0	231	207.6	101.3
52	46.7	22.8	12	100.7	49.1	72	154.6	75.4	32	208.5	101.7
53	47.6	23.2	13	101.6	49.5	73	155.5	75.8	33	209.4	102.1
54	48.5	23.7	14	102.5	50.0	74	156.4	76.3	34	210.3	102.6
55	49.4	24.1	15	103.4	50.4	75	157.3	76.7	35	211.2	103.0
56	50.3	24.6	16	104.3	50.9	76	158.2	77.2	36	212.1	103.5
57	51.2	25.0	17	105.2	51.3	77	159.1	77.6	37	213.0	103.9
58	52.1	25.4	18	106.1	51.7	78	160.0	78.0	38	213.9	104.3
59	53.0	25.9	19	107.0	52.2	79	160.9	78.5	39	214.8	104.8
60	53.9	26.3	20	107.9	52.6	80	161.8	78.9	40	215.7	105.2
Dist	Abw.	Br.	Dist	Abw.	Br.	Dist	Abw.	Br.	Dist	Abw.	Br.

Dist	Br.	Abw.	Dist	Br.	Abw.	Dist	Br.	Abw.	Dist	Br.	Abw.
1	00.9	00.5	61	54.4	27.7	121	107.8	54.9	181	161.3	82.2
2	01.8	00.9	62	55.2	28.1	22	108.7	55.4	82	162.2	82.6
3	02.7	01.4	63	56.1	28.6	23	109.6	55.8	83	163.1	83.1
4	03.6	01.8	64	57.0	29.1	24	110.5	56.3	84	163.9	83.5
5	04.5	02.3	65	57.9	29.5	25	111.4	56.8	85	164.8	84.0
6	05.3	02.7	66	58.8	30.0	26	112.3	57.2	86	165.7	84.4
7	06.2	03.2	67	59.7	30.4	27	113.2	57.7	87	166.6	84.9
8	07.1	03.6	68	60.6	30.9	28	114.0	58.1	88	167.5	85.4
9	08.0	04.1	69	61.5	31.3	29	114.9	58.6	89	168.4	85.8
10	08.9	04.5	70	62.4	31.8	30	115.8	59.0	90	169.3	86.3
11	09.8	05.0	71	63.3	32.2	131	116.7	59.5	191	170.2	86.7
12	10.7	05.4	72	64.2	32.7	32	117.6	59.9	92	171.1	87.2
13	11.6	05.9	73	65.0	33.1	33	118.5	60.4	93	172.0	87.6
14	12.5	06.4	74	65.9	33.6	34	119.4	60.8	94	172.9	88.1
15	13.4	06.8	75	66.8	34.1	35	120.3	61.3	95	173.7	88.5
16	14.3	07.3	76	67.7	34.5	36	121.2	61.7	96	174.6	89.0
17	15.1	07.7	77	68.6	35.0	37	122.1	62.2	97	175.5	89.4
18	16.0	08.2	78	69.5	35.4	38	123.0	62.7	98	176.4	89.9
19	16.9	08.6	79	70.4	35.9	39	123.8	63.1	99	177.3	90.3
20	17.8	09.1	80	71.3	36.3	40	124.7	63.6	200	178.2	90.8
21	18.7	09.5	81	72.2	36.8	141	125.6	64.0	201	179.1	91.3
22	19.6	10.0	82	73.1	37.2	42	126.5	64.5	02	180.0	91.7
23	20.5	10.4	83	74.0	37.7	43	127.4	64.9	03	180.9	92.2
24	21.4	10.9	84	74.8	38.1	44	128.3	65.4	04	181.8	92.6
25	22.3	11.4	85	75.7	38.6	45	129.2	65.8	05	182.7	93.1
26	23.2	11.8	86	76.6	39.0	46	130.1	66.3	06	183.5	93.5
27	24.1	12.3	87	77.5	39.5	47	131.0	66.7	07	184.4	94.0
28	24.9	12.7	88	78.4	40.0	48	131.9	67.2	08	185.3	94.4
29	25.8	13.2	89	79.3	40.4	49	132.8	67.6	09	186.2	94.9
30	26.7	13.6	90	80.2	40.9	50	133.7	68.1	10	187.1	95.3
31	27.6	14.1	91	81.1	41.3	151	134.5	68.6	211	188.0	95.8
32	28.5	14.5	92	82.0	41.8	52	135.4	69.0	12	188.9	96.2
33	29.4	15.0	93	82.9	42.2	53	136.3	69.5	13	189.8	96.7
34	30.3	15.4	94	83.8	42.7	54	137.2	69.9	14	190.7	97.2
35	31.2	15.9	95	84.6	43.1	55	138.1	70.4	15	191.6	97.6
36	32.1	16.3	96	85.5	43.6	56	139.0	70.8	16	192.5	98.1
37	33.0	16.8	97	86.4	44.0	57	139.9	71.3	17	193.3	98.5
38	33.9	17.3	98	87.3	44.5	58	140.8	71.7	18	194.2	99.0
39	34.7	17.7	99	88.2	44.9	59	141.7	72.2	19	195.1	99.4
40	35.6	18.2	100	89.1	45.4	60	142.6	72.6	20	196.0	99.9
41	36.5	18.6	101	90.0	45.9	161	143.5	73.1	221	196.9	100.3
42	37.4	19.1	02	90.9	46.3	62	144.3	73.5	22	197.8	100.8
43	38.3	19.5	03	91.8	46.8	63	145.2	74.0	23	198.7	101.2
44	39.2	20.0	04	92.7	47.2	64	146.1	74.5	24	199.6	101.7
45	40.1	20.4	05	93.6	47.7	65	147.0	74.9	25	200.5	102.2
46	41.0	20.9	06	94.4	48.1	66	147.9	75.4	26	201.4	102.6
47	41.9	21.3	07	95.3	48.6	67	148.8	75.8	27	202.3	103.1
48	42.8	21.8	08	96.2	49.0	68	149.7	76.3	28	203.1	103.5
49	43.7	22.2	09	97.1	49.5	69	150.6	76.7	29	204.0	104.0
50	44.6	22.7	10	98.0	49.9	70	151.5	77.2	30	204.9	104.4
51	45.4	23.2	111	98.9	50.4	171	152.4	77.6	231	205.8	104.9
52	46.3	23.6	12	99.8	50.8	72	153.3	78.1	32	206.7	105.3
53	47.2	24.1	13	100.7	51.3	73	154.1	78.5	33	207.6	105.8
54	48.1	24.5	14	101.6	51.8	74	155.0	79.0	34	208.5	106.2
55	49.0	25.0	15	102.5	52.2	75	155.9	79.5	35	209.4	106.7
56	49.9	25.4	16	103.4	52.7	76	156.8	79.9	36	210.3	107.1
57	50.8	25.9	17	104.2	53.1	77	157.7	80.4	37	211.2	107.6
58	51.7	26.3	18	105.1	53.6	78	158.6	80.8	38	212.1	108.1
59	52.6	26.8	19	106.0	54.0	79	159.5	81.3	39	212.9	108.5
60	53.5	27.2	20	106.9	54.5	80	160.4	81.7	40	213.8	109.0
Dist	Abw.	Br.	Dist	Abw.	Br.	Dist	Abw.	Br.	Dist	Abw.	Br.

Dist	Br.	Abw.	Dist	Br.	Abw.	Dist	Br.	Abw.	Dist	Br.	Abw.
1	00.9	00.5	61	53.9	28.6	121	106.8	56.8	181	159.8	85.0
2	01.8	00.9	62	54.7	29.1	22	107.7	57.3	82	160.7	85.4
3	02.6	01.4	63	55.6	29.6	23	108.6	57.7	83	161.6	85.9
4	03.5	01.9	64	56.5	30.0	24	109.5	58.2	84	162.5	86.4
5	04.4	02.3	65	57.4	30.5	25	110.4	58.7	85	163.4	86.9
6	05.3	02.8	66	58.3	31.0	26	111.3	59.2	86	164.2	87.3
7	06.2	03.3	67	59.2	31.5	27	112.1	59.6	87	165.1	87.8
8	07.1	03.8	68	60.0	31.9	28	113.0	60.1	88	166.0	88.3
9	07.9	04.3	69	60.9	32.4	29	113.9	60.6	89	166.9	88.7
10	08.8	04.7	70	61.8	32.9	30	114.8	61.0	90	167.8	89.2
11	09.7	05.2	71	62.7	33.3	131	115.7	61.5	191	168.7	89.7
12	10.6	05.6	72	63.6	33.8	32	116.6	62.0	92	169.5	90.1
13	11.5	06.1	73	64.5	34.3	33	117.4	62.4	93	170.4	90.6
14	12.4	06.6	74	65.3	34.7	34	118.3	62.9	94	171.3	91.1
15	13.2	07.0	75	66.2	35.2	35	119.2	63.4	95	172.2	91.6
16	14.1	07.5	76	67.1	35.7	36	120.1	63.9	96	173.1	92.0
17	15.0	08.0	77	68.0	36.2	37	121.0	64.3	97	174.0	92.5
18	15.9	08.5	78	68.9	36.6	38	121.9	64.8	98	174.8	93.0
19	16.8	08.9	79	69.8	37.1	39	122.7	65.3	99	175.7	93.4
20	17.7	09.4	80	70.6	37.6	40	123.6	65.7	200	176.6	93.9
21	18.5	09.9	81	71.5	38.0	141	124.5	66.2	201	177.5	94.4
22	19.4	10.3	82	72.4	38.5	42	125.4	66.7	02	178.4	94.8
23	20.3	10.8	83	73.3	39.0	43	126.3	67.1	03	179.2	95.3
24	21.2	11.3	84	74.2	39.4	44	127.2	67.6	04	180.1	95.8
25	22.1	11.7	85	75.1	39.9	45	128.0	68.1	05	181.0	96.2
26	23.0	12.2	86	75.9	40.4	46	128.9	68.5	06	181.9	96.7
27	23.8	12.7	87	76.8	40.8	47	129.8	69.0	07	182.8	97.2
28	24.7	13.1	88	77.7	41.3	48	130.7	69.5	08	183.7	97.7
29	25.6	13.6	89	78.6	41.8	49	131.6	70.0	09	184.5	98.1
30	26.5	14.1	90	79.5	42.3	50	132.5	70.4	10	185.4	98.6
31	27.4	14.6	91	80.4	42.7	151	133.3	70.9	211	186.3	99.1
32	28.3	15.0	92	81.2	43.2	52	134.2	71.4	12	187.2	99.5
33	29.1	15.5	93	82.1	43.7	53	135.1	71.8	13	188.1	100.0
34	30.0	16.0	94	83.0	44.1	54	136.0	72.3	14	189.0	100.5
35	30.9	16.4	95	83.9	44.6	55	136.9	72.8	15	189.8	100.9
36	31.8	16.9	96	84.8	45.1	56	137.7	73.2	16	190.7	101.4
37	32.7	17.4	97	85.7	45.5	57	138.6	73.7	17	191.6	101.9
38	33.6	17.8	98	86.5	46.0	58	139.5	74.2	18	192.5	102.4
39	34.5	18.3	99	87.4	46.5	59	140.4	74.6	19	193.4	102.8
40	35.3	18.8	100	88.3	47.0	60	141.3	75.1	20	194.3	103.3
41	36.2	19.2	101	89.2	47.4	161	142.2	75.6	221	195.1	103.8
42	37.1	19.7	02	90.1	47.9	62	143.0	76.1	22	196.0	104.2
43	38.0	20.2	03	90.9	48.4	63	143.9	76.5	23	196.9	104.7
44	38.9	20.7	04	91.8	48.8	64	144.8	77.0	24	197.8	105.2
45	39.7	21.1	05	92.7	49.3	65	145.7	77.5	25	198.7	105.6
46	40.6	21.6	06	93.6	49.8	66	146.6	77.9	26	199.6	106.1
47	41.5	22.1	07	94.5	50.2	67	147.5	78.4	27	200.4	106.6
48	42.4	22.5	08	95.4	50.7	68	148.3	78.9	28	201.3	107.0
49	43.3	23.0	09	96.2	51.2	69	149.2	79.3	29	202.2	107.5
50	44.2	23.5	10	97.1	51.6	70	150.1	79.8	30	203.1	108.0
51	45.0	23.9	111	98.0	52.1	171	151.0	80.3	231	204.0	108.5
52	45.9	24.4	12	98.9	52.6	72	151.9	80.8	32	204.9	108.9
53	46.8	24.9	13	99.8	53.1	73	152.8	81.2	33	205.7	109.4
54	47.7	25.4	14	100.7	53.5	74	153.6	81.7	34	206.6	109.9
55	48.6	25.8	15	101.5	54.0	75	154.5	82.2	35	207.5	110.3
56	49.4	26.3	16	102.4	54.5	76	155.4	82.6	36	208.4	110.8
57	50.3	26.8	17	103.3	54.9	77	156.3	83.1	37	209.3	111.3
58	51.2	27.2	18	104.2	55.4	78	157.2	83.6	38	210.2	111.7
59	52.1	27.7	19	105.1	55.9	79	158.1	84.0	39	211.0	112.2
60	53.0	28.2	20	106.0	56.3	80	158.9	84.5	40	211.9	112.7
Dist	Abw.	Br.	Dist	Abw.	Br.	Dist	Abw.	Br.	Dist	Abw.	Br.

Dist	Br.	Abw.	Dist	Br.	Abw.	Dist	Br.	Abw.	Dist	Br.	Abw.
1	01.9	00.5	61	53.4	29.6	121	105.8	58.7	181	158.3	87.7
2	01.7	01.0	62	54.2	30.1	22	106.7	59.1	82	159.2	88.2
3	02.6	01.5	63	55.1	30.5	23	107.6	59.6	83	160.1	88.7
4	03.5	01.9	64	56.0	31.0	24	108.5	60.1	84	160.9	89.2
5	04.4	02.4	65	56.8	31.5	25	109.3	60.6	85	161.8	89.7
6	05.2	02.9	66	57.7	32.0	26	110.2	61.1	86	162.7	90.2
7	06.1	03.4	67	58.6	32.5	27	111.1	61.6	87	163.6	90.7
8	07.0	03.9	68	59.5	33.0	28	111.9	62.1	88	164.4	91.1
9	07.9	04.4	69	60.3	33.5	29	112.8	62.5	89	165.3	91.6
10	08.7	04.8	70	61.2	33.9	30	113.7	63.0	90	166.2	92.1
11	09.6	05.3	71	62.1	34.4	131	114.6	63.5	191	167.0	92.6
12	10.5	05.8	72	63.0	34.9	32	115.4	64.0	92	167.9	93.1
13	11.4	06.3	73	63.8	35.4	33	116.3	64.5	93	168.8	93.6
14	12.2	06.8	74	64.7	35.9	34	117.2	65.0	94	169.7	94.1
15	13.1	07.3	75	65.6	36.4	35	118.1	65.4	95	170.5	94.5
16	14.0	07.8	76	66.5	36.8	36	118.9	65.9	96	171.4	95.0
17	14.9	08.2	77	67.3	37.3	37	119.8	66.4	97	172.3	95.5
18	15.7	08.7	78	68.2	37.8	38	120.7	66.9	98	173.2	96.0
19	16.6	09.2	79	69.1	38.3	39	121.6	67.4	99	174.0	96.5
20	17.5	09.7	80	70.0	38.8	40	122.4	67.9	200	174.9	97.0
21	18.4	10.2	81	70.8	39.3	141	123.3	68.4	201	175.8	97.4
22	19.2	10.7	82	71.7	39.8	42	124.2	68.9	02	176.7	97.9
23	20.1	11.2	83	72.6	40.2	43	125.1	69.3	03	177.5	98.4
24	21.0	11.6	84	73.5	40.7	44	125.9	69.8	04	178.4	98.9
25	21.9	12.1	85	74.3	41.2	45	126.8	70.3	05	179.3	99.4
26	22.7	12.6	86	75.2	41.7	46	127.7	70.8	06	180.2	99.9
27	23.6	13.1	87	76.1	42.2	47	128.6	71.3	07	181.0	100.4
28	24.5	13.6	88	77.0	42.7	48	129.4	71.8	08	181.9	100.8
29	25.4	14.1	89	77.8	43.1	49	130.3	72.2	09	182.8	101.4
30	26.2	14.5	90	78.7	43.6	50	131.2	72.7	10	183.7	101.8
31	27.1	15.0	91	79.6	44.1	151	132.1	73.2	211	184.5	102.3
32	28.0	15.5	92	80.5	44.6	52	132.9	73.7	12	185.4	102.8
33	28.9	16.0	93	81.3	45.1	53	133.8	74.2	13	186.3	103.3
34	29.7	16.5	94	82.2	45.6	54	134.7	74.7	14	187.2	103.7
35	30.6	17.0	95	83.1	46.1	55	135.6	75.1	15	188.0	104.2
36	31.5	17.5	96	84.0	46.5	56	136.4	75.6	16	188.9	104.7
37	32.4	17.9	97	84.8	47.0	57	137.3	76.1	17	189.8	105.2
38	33.2	18.4	98	85.7	47.5	58	138.2	76.6	18	190.7	105.7
39	34.1	18.9	99	86.6	48.0	59	139.1	77.1	19	191.5	106.2
40	35.0	19.4	100	87.5	48.5	60	139.9	77.6	20	192.4	106.7
41	35.9	19.9	101	88.3	49.0	161	140.8	78.1	221	193.3	107.1
42	36.7	20.4	02	89.2	49.4	62	141.7	78.5	22	194.2	107.6
43	37.6	20.8	03	90.1	49.9	63	142.6	79.0	23	195.0	108.1
44	38.5	21.3	04	91.0	50.4	64	143.4	79.5	24	195.9	108.6
45	39.4	21.8	05	91.8	50.9	65	144.3	80.0	25	196.8	109.1
46	40.2	22.3	06	92.7	51.4	66	145.2	80.5	26	197.7	109.6
47	41.1	22.8	07	93.6	51.9	67	146.1	81.0	27	198.5	110.0
48	42.0	23.3	08	94.5	52.4	68	146.9	81.4	28	199.4	110.5
49	42.9	23.8	09	95.3	52.8	69	147.8	81.9	29	200.3	111.0
50	43.7	24.2	10	96.2	53.3	70	148.7	82.4	30	201.2	111.5
51	44.6	24.7	111	97.1	53.8	171	149.6	82.9	231	202.0	112.0
52	45.5	25.2	12	98.0	54.3	72	150.4	83.4	32	202.9	112.5
53	46.4	25.7	13	98.8	54.8	73	151.3	83.9	33	203.8	113.0
54	47.2	26.2	14	99.7	55.3	74	152.2	84.4	34	204.7	113.4
55	48.1	26.7	15	100.6	55.8	75	153.1	84.8	35	205.5	113.9
56	49.0	27.1	16	101.5	56.2	76	153.9	85.3	36	206.4	114.4
57	49.9	27.6	17	102.3	56.7	77	154.8	85.8	37	207.3	114.9
58	50.7	28.1	18	103.2	57.2	78	155.7	86.3	38	208.2	115.4
59	51.6	28.6	19	104.1	57.7	79	156.6	86.8	39	209.0	115.9
60	52.5	29.1	20	105.0	58.2	80	157.4	87.3	40	209.9	116.4
Dist	Abw.	Br.	Dist	Abw.	Br.	Dist	Abw.	Br.	Dist	Abw.	Br.

Dist	Br.	Abw.	Dist	Br.	Abw.	Dist	Br.	Abw.	Dist	Br.	Abw.
1	00.9	00.5	61	52.8	30.5	121	104.8	60.5	181	156.7	90.5
2	01.7	01.0	62	53.7	31.0	22	105.7	61.0	82	157.6	91.0
3	02.6	01.5	63	54.6	31.5	23	106.5	61.5	83	158.5	91.5
4	03.5	02.0	64	55.4	32.0	24	107.4	62.0	84	159.3	92.0
5	04.3	02.5	65	56.3	32.5	25	108.3	62.5	85	160.2	92.5
6	05.2	03.0	66	57.2	33.0	26	109.1	63.0	86	161.1	93.0
7	06.1	03.5	67	58.0	33.5	27	110.0	63.5	87	161.9	93.5
8	06.9	04.0	68	58.9	34.0	28	110.8	64.0	88	162.8	94.0
9	07.8	04.5	69	59.8	34.5	29	111.7	64.5	89	163.7	94.5
10	08.7	05.0	70	60.6	35.0	30	112.6	65.0	90	164.5	95.0
11	09.5	05.5	71	61.5	35.5	131	113.4	65.5	191	165.4	95.5
12	10.4	06.0	72	62.4	36.0	32	114.3	66.0	92	166.3	96.0
13	11.3	06.5	73	63.2	36.5	33	115.2	66.5	93	167.1	96.5
14	12.1	07.0	74	64.1	37.0	34	116.0	67.0	94	168.0	97.0
15	13.0	07.5	75	65.0	37.5	35	116.9	67.5	95	168.9	97.5
16	13.9	08.0	76	65.8	38.0	36	117.8	68.0	96	169.7	98.0
17	14.7	08.5	77	66.7	38.5	37	118.6	68.5	97	170.6	98.5
18	15.6	09.0	78	67.5	39.0	38	119.5	69.0	98	171.5	99.0
19	16.5	09.5	79	68.4	39.5	39	120.4	69.5	99	172.3	99.5
20	17.3	10.0	80	69.3	40.0	40	121.2	70.0	200	173.2	100.0
21	18.2	10.5	81	70.1	40.5	141	122.1	70.5	201	174.1	100.5
22	19.1	11.0	82	71.0	41.0	42	123.0	71.0	02	174.9	101.0
23	19.9	11.5	83	71.9	41.5	43	123.8	71.5	03	175.8	101.5
24	20.8	12.0	84	72.7	42.0	44	124.7	72.0	04	176.7	102.0
25	21.7	12.5	85	73.6	42.5	45	125.6	72.5	05	177.5	102.5
26	22.5	13.0	86	74.5	43.0	46	126.4	73.0	06	178.4	103.0
27	23.4	13.5	87	75.3	43.5	47	127.3	73.5	07	179.3	103.5
28	24.2	14.0	88	76.2	44.0	48	128.2	74.0	08	180.1	104.0
29	25.1	14.5	89	77.1	44.5	49	128.0	74.5	09	181.0	104.5
30	26.0	15.0	90	77.9	45.0	50	129.9	75.0	10	181.9	105.0
31	26.8	15.5	91	78.8	45.5	151	130.8	75.5	211	182.7	105.5
32	27.7	16.0	92	79.7	46.0	52	131.7	76.0	12	183.6	106.0
33	28.6	16.5	93	80.5	46.5	53	132.5	76.5	13	184.5	106.5
34	29.4	17.0	94	81.4	47.0	54	133.4	77.0	14	185.3	107.0
35	30.3	17.5	95	82.3	47.5	55	134.2	77.5	15	186.2	107.5
36	31.2	18.0	96	83.1	48.0	56	135.1	78.0	16	187.1	108.0
37	32.0	18.5	97	84.0	48.5	57	136.0	78.5	17	187.9	108.5
38	32.9	19.0	98	84.9	49.0	58	136.8	79.0	18	188.8	109.0
39	33.8	19.5	99	85.7	49.5	59	137.7	79.5	19	189.7	109.5
40	34.6	20.0	100	86.6	50.0	60	138.6	80.0	20	190.5	110.0
41	35.5	20.5	101	87.5	50.5	161	139.4	80.5	221	191.4	110.5
42	36.4	21.0	02	88.3	51.0	62	140.3	81.0	22	192.3	111.0
43	37.2	21.5	03	89.2	51.5	63	141.2	81.5	23	193.1	111.5
44	38.1	22.0	04	90.1	52.0	64	142.0	82.0	24	194.0	112.0
45	39.0	22.5	05	90.9	52.5	65	142.9	82.5	25	194.9	112.5
46	39.8	23.0	06	91.8	53.0	66	143.8	83.0	26	195.7	113.0
47	40.7	23.5	07	92.7	53.5	67	144.6	83.5	27	196.6	113.5
48	41.5	24.0	08	93.5	54.0	68	145.5	84.0	28	197.4	114.0
49	42.4	24.5	09	94.4	54.5	69	146.4	84.5	29	198.3	114.5
50	43.3	25.0	10	95.3	55.0	70	147.2	85.0	30	199.2	115.0
51	44.2	25.5	111	96.1	55.5	171	148.1	85.5	231	200.0	115.5
52	45.0	26.0	12	97.0	56.0	72	149.0	86.0	32	200.9	116.0
53	45.9	26.5	13	97.9	56.5	73	149.8	86.5	33	201.8	116.5
54	46.8	27.0	14	98.7	57.0	74	150.7	87.0	34	202.6	117.0
55	47.6	27.5	15	99.6	57.5	75	151.6	87.5	35	203.5	117.5
56	48.5	28.0	16	100.5	58.0	76	152.4	88.0	36	204.4	118.0
57	49.4	28.5	17	101.3	58.5	77	153.3	88.5	37	205.2	118.5
58	50.2	29.0	18	102.2	59.0	78	154.1	89.0	38	206.1	119.0
59	51.1	29.5	19	103.1	59.5	79	155.0	89.5	39	207.0	119.5
60	52.0	30.0	20	103.9	60.0	80	155.9	90.0	40	207.8	120.0
Dist	Abw.	Br.	Dist	Abw.	Br.	Dist	Abw.	Br.	Dist	Abw.	Br.

Dist	Br.	Abw.	Dist	Br.	Abw.	Dist	Br.	Abw.	Dist	Br.	Abw.
1	00.9	00.5	61	52.3	31.4	121	103.7	62.3	181	155.1	93.2
2	01.7	01.0	62	53.1	31.9	22	104.6	62.8	82	156.0	93.7
3	02.6	01.5	63	54.0	32.4	23	105.4	63.3	83	156.8	94.2
4	03.4	02.1	64	54.8	33.0	24	106.3	63.9	84	157.7	94.8
5	04.3	02.6	65	55.7	33.5	25	107.1	64.4	85	158.5	95.3
6	05.1	03.1	66	56.6	34.0	26	108.0	64.9	86	159.4	95.8
7	06.0	03.6	67	57.4	34.5	27	108.8	65.4	87	160.3	96.3
8	06.9	04.1	68	58.3	35.0	28	109.7	65.9	88	161.1	96.8
9	07.7	04.6	69	59.1	35.5	29	110.6	66.4	89	162.0	97.3
10	08.6	05.2	70	60.0	36.1	30	111.4	67.0	90	162.8	97.9
11	09.4	05.7	71	60.8	36.6	131	112.3	67.5	191	163.7	98.4
12	10.3	06.2	72	61.7	37.1	32	113.1	68.0	92	164.5	98.9
13	11.1	06.7	73	62.6	37.6	33	114.0	68.5	93	165.4	99.4
14	12.0	07.2	74	63.4	38.1	34	114.8	69.0	94	166.3	99.9
15	13.9	07.7	75	64.3	38.6	35	115.7	69.5	95	167.1	100.4
16	13.7	08.2	76	65.1	39.1	36	116.6	70.0	96	168.0	100.9
17	14.6	08.8	77	66.0	39.7	37	117.4	70.6	97	168.8	101.5
18	15.4	09.3	78	66.8	40.2	38	118.3	71.1	98	169.7	102.0
19	16.3	09.8	79	67.7	40.7	39	119.1	71.6	99	170.5	102.5
20	17.1	10.3	80	68.6	41.2	40	120.0	72.1	200	171.4	103.0
21	18.0	10.8	81	69.4	41.7	141	120.8	72.6	201	172.3	103.5
22	18.9	11.3	82	70.3	42.2	42	121.7	73.1	02	173.1	104.0
23	19.7	11.8	83	71.1	42.7	43	122.6	73.6	03	174.0	104.5
24	20.6	12.4	84	72.0	43.3	44	123.4	74.2	04	174.8	105.0
25	21.4	12.9	85	72.8	43.8	45	124.3	74.7	05	175.7	105.6
26	22.3	13.4	86	73.7	44.3	46	125.1	75.2	06	176.5	106.1
27	23.1	13.9	87	74.6	44.8	47	126.0	75.7	07	177.4	106.6
28	24.0	14.4	88	75.4	45.3	48	126.8	76.2	08	178.3	107.1
29	24.9	14.9	89	76.3	45.8	49	127.7	76.7	09	179.1	107.6
30	25.7	15.5	90	77.1	46.4	50	128.6	77.3	10	180.0	108.2
31	26.6	16.0	91	78.0	46.9	151	129.4	77.8	211	180.8	108.7
32	27.4	16.5	92	78.8	47.4	52	130.3	78.3	12	181.7	109.2
33	28.3	17.0	93	79.7	47.9	53	131.1	78.8	13	182.5	109.7
34	29.1	17.5	94	80.6	48.4	54	132.0	79.3	14	183.4	110.2
35	30.0	18.0	95	81.4	48.9	55	132.8	79.8	15	184.3	110.7
36	30.9	18.5	96	82.3	49.4	56	133.7	80.3	16	185.1	111.2
37	31.7	19.1	97	83.1	50.0	57	134.5	80.9	17	186.0	111.8
38	32.6	19.6	98	84.0	50.5	58	135.4	81.4	18	186.8	112.3
39	33.4	20.1	99	84.8	51.0	59	136.3	81.9	19	187.7	112.8
40	34.3	20.6	100	85.7	51.5	60	137.1	82.4	20	188.5	113.3
41	35.1	21.1	101	86.6	52.0	161	138.0	82.9	221	189.4	113.8
42	36.0	21.6	02	87.4	52.5	62	138.8	83.4	22	190.3	114.3
43	36.9	22.1	03	88.3	53.0	63	139.7	83.9	23	191.1	114.8
44	37.7	22.6	04	89.1	53.6	64	140.5	84.5	24	192.0	115.4
45	38.6	23.2	05	90.0	54.1	65	141.4	85.0	25	192.8	115.9
46	39.4	23.7	06	90.8	54.6	66	142.3	85.5	26	193.7	116.4
47	40.3	24.2	07	91.7	55.1	67	143.1	86.0	27	194.5	116.9
48	41.1	24.7	08	92.6	55.6	68	144.0	86.5	28	195.4	117.4
49	42.0	25.2	09	93.4	56.1	69	144.8	87.0	29	196.3	117.9
50	42.9	25.8	10	94.3	56.7	70	145.7	87.6	30	197.1	118.5
51	43.7	26.3	111	95.1	57.2	171	146.5	88.1	231	198.0	119.0
52	44.6	26.8	12	96.0	57.7	72	147.4	88.6	32	198.8	119.5
53	45.4	27.3	13	96.8	58.2	73	148.3	89.1	33	199.7	120.0
54	46.3	27.8	14	97.7	58.7	74	149.1	89.6	34	200.5	120.5
55	47.1	28.3	15	98.6	59.2	75	150.0	90.1	35	201.4	121.0
56	48.0	28.8	16	99.4	59.7	76	150.8	90.6	36	202.3	121.5
57	48.8	29.4	17	100.3	60.3	77	151.7	91.2	37	203.1	122.1
58	49.7	29.9	18	101.1	60.8	78	152.5	91.7	38	204.0	122.6
59	50.6	30.4	19	102.0	61.3	79	153.4	92.2	39	204.8	123.1
60	51.4	30.9	20	102.8	61.8	80	154.3	92.7	40	205.7	123.6
Dist	Abw.	Br.	Dist	Abw.	Br.	Dist	Abw.	Br.	Dist	Abw.	Br.

Dist	Br.	Abw.	Dist	Br.	Abw.	Dist	Br.	Abw.	Dist	Br.	Abw.
1	00.8	00.5	61	51.7	32.3	121	102.6	64.1	181	153.5	95.9
2	01.7	01.1	62	52.6	32.9	22	103.5	64.7	82	154.3	96.5
3	02.5	01.6	63	53.4	33.4	23	104.3	65.2	83	155.2	97.0
4	03.4	02.1	64	54.3	33.9	24	105.2	65.7	84	156.0	97.5
5	04.2	02.6	65	55.1	34.5	25	106.0	66.3	85	156.9	98.1
6	05.1	03.2	66	56.0	35.0	26	106.8	66.8	86	157.7	98.6
7	05.9	03.7	67	56.8	35.5	27	107.7	67.3	87	158.6	99.1
8	06.8	04.2	68	57.7	36.0	28	108.5	67.8	88	159.4	99.6
9	07.6	04.8	69	58.5	36.6	29	109.4	68.4	89	160.3	100.2
10	08.5	05.3	70	59.4	37.1	30	110.2	68.9	90	161.1	100.7
11	09.3	05.8	71	60.2	37.6	131	111.1	69.4	191	162.0	101.2
12	10.2	06.4	72	61.1	38.2	32	111.9	70.0	92	162.8	101.8
13	11.0	06.9	73	61.9	38.7	33	112.8	70.5	93	163.7	102.3
14	11.9	07.4	74	62.8	39.2	34	113.6	71.0	94	164.5	102.8
15	12.7	08.0	75	63.6	39.8	35	114.5	71.6	95	165.4	103.4
16	13.6	08.5	76	64.4	40.3	36	115.3	72.1	96	166.2	103.9
17	14.4	09.0	77	65.3	40.8	37	116.2	72.6	97	167.1	104.4
18	15.3	09.5	78	66.1	41.3	38	117.0	73.1	98	167.9	104.9
19	16.1	10.1	79	67.0	41.9	39	117.9	73.7	99	168.8	105.5
20	17.0	10.6	80	67.8	42.4	40	118.8	74.2	200	169.6	106.0
21	17.8	11.1	81	68.7	42.9	141	119.6	74.7	201	170.4	106.5
22	18.7	11.7	82	69.5	43.5	42	120.4	75.3	02	171.3	107.1
23	19.5	12.2	83	70.4	44.0	43	121.3	75.8	03	172.1	107.6
24	20.4	12.7	84	71.2	44.5	44	122.1	76.3	04	173.0	108.1
25	21.2	13.3	85	72.1	45.1	45	123.0	76.9	05	173.8	108.7
26	22.0	13.8	86	72.9	45.6	46	123.8	77.4	06	174.7	109.2
27	22.9	14.3	87	73.8	46.1	47	124.7	77.9	07	175.5	109.7
28	23.7	14.8	88	74.6	46.1	48	125.5	78.4	08	176.4	110.2
29	24.6	15.4	89	75.5	47.2	49	126.4	79.0	09	177.2	110.8
30	25.4	15.9	90	76.3	47.7	50	127.2	79.5	10	178.1	111.3
31	26.3	16.4	91	77.2	48.2	151	128.0	80.0	211	178.9	111.8
32	27.1	17.0	92	78.0	48.8	52	128.9	80.6	12	179.8	112.4
33	28.0	17.5	93	78.9	49.3	53	129.7	81.1	13	180.5	112.9
34	28.8	18.0	94	79.7	49.8	54	130.6	81.6	14	181.5	113.4
35	29.7	18.6	95	80.6	50.4	55	131.4	82.2	15	182.3	114.0
36	30.5	19.1	96	81.4	50.9	56	132.3	82.7	16	183.2	114.5
37	31.4	19.6	97	82.3	51.4	57	133.1	83.2	17	184.0	115.0
38	32.2	20.1	98	83.1	51.9	58	134.0	83.7	18	184.9	115.5
39	33.1	20.7	99	84.0	52.5	59	134.8	84.3	19	185.7	116.1
40	33.9	21.2	100	84.8	53.0	60	135.7	84.8	20	186.6	116.6
41	34.8	21.7	101	85.6	53.5	161	136.5	85.3	221	187.4	117.1
42	35.6	22.3	02	86.5	54.1	62	137.4	85.9	22	188.3	117.7
43	36.5	22.8	03	87.3	54.6	63	138.2	86.4	23	189.1	118.2
44	37.3	23.3	04	88.2	55.1	64	139.1	86.9	24	190.0	118.7
45	38.2	23.9	05	89.0	55.7	65	139.9	87.5	25	190.8	119.3
46	39.0	24.4	06	89.9	56.2	66	140.8	88.0	26	191.6	119.8
47	39.9	24.9	07	90.7	56.7	67	141.6	88.5	27	192.5	120.3
48	40.7	25.4	08	91.6	57.2	68	142.5	89.0	28	193.3	120.8
49	41.6	26.0	09	92.4	57.8	69	143.3	89.6	29	194.2	121.4
50	42.4	26.5	10	93.3	58.3	70	144.2	90.1	30	195.0	121.9
51	43.2	27.0	111	94.1	58.8	171	145.0	90.6	231	195.9	122.4
52	44.1	27.6	12	95.0	59.4	72	145.9	91.2	32	196.7	123.0
53	44.9	28.1	13	95.8	59.9	73	146.7	91.7	33	197.6	123.5
54	45.8	28.6	14	96.7	60.0	74	147.6	92.2	34	198.4	124.0
55	46.6	29.2	15	97.5	61.0	75	148.4	92.8	35	199.3	124.6
56	47.5	29.7	16	98.4	61.5	76	149.2	93.3	36	200.1	125.1
57	48.3	30.2	17	99.2	62.0	77	150.1	93.8	37	201.0	125.6
58	49.2	30.7	18	100.1	62.5	78	150.9	94.3	38	201.8	126.1
59	50.0	31.3	19	100.9	63.1	79	151.8	94.9	39	202.7	126.7
60	50.9	31.8	20	101.8	63.6	80	152.6	95.4	40	203.5	127.2
Dist	Abw.	Br.	Dist	Abw.	Br.	Dist	Abw.	Br.	Dist	Abw.	Br.

Dist	Br.	Abw.	Dist	Br.	Abw.	Dist	Br.	Abw.	Dist	Br.	Abw.
1	00.8	00.5	61	51.2	33.2	121	101.5	65.9	181	151.8	98.6
2	01.7	01.1	62	52.0	33.8	22	102.3	66.4	82	152.6	99.1
3	02.5	01.6	63	52.8	34.3	23	103.1	67.0	83	153.5	99.7
4	03.4	02.2	64	53.7	34.9	24	104.0	67.5	84	154.3	100.2
5	04.2	02.7	65	54.5	35.4	25	104.8	68.1	85	155.1	100.8
6	05.0	03.3	66	55.3	35.9	26	105.7	68.6	86	156.0	101.3
7	05.9	03.8	67	56.2	36.5	27	106.5	69.2	87	156.8	101.8
8	06.7	04.4	68	57.0	37.0	28	107.3	69.7	88	157.7	102.4
9	07.5	04.9	69	57.9	37.6	29	108.2	70.3	89	158.5	102.9
10	08.4	05.4	70	58.7	38.1	30	109.0	70.8	90	159.3	103.5
11	09.2	06.0	71	59.5	38.7	131	109.9	71.3	191	160.2	104.0
12	10.1	06.5	72	60.4	39.2	32	110.7	71.9	92	161.0	104.6
13	10.9	07.1	73	61.2	39.8	33	111.5	72.4	93	161.8	105.1
14	11.7	07.6	74	62.1	40.3	34	112.4	73.0	94	162.7	105.7
15	12.6	08.2	75	62.9	40.8	35	113.2	73.5	95	163.5	106.2
16	13.4	08.7	76	63.7	41.4	36	114.0	74.1	96	164.4	106.7
17	14.3	09.3	77	64.6	41.9	37	114.9	74.6	97	165.2	107.3
18	15.1	09.8	78	65.4	42.5	38	115.7	75.2	98	166.0	107.8
19	15.9	10.3	79	66.2	43.0	39	116.6	75.7	99	166.9	108.4
20	16.8	10.9	80	67.1	43.6	40	117.4	76.2	200	167.7	108.9
21	17.6	11.4	81	67.9	44.1	141	118.2	76.8	201	168.6	109.5
22	18.4	12.0	82	68.8	44.7	42	119.1	77.3	02	169.4	110.0
23	19.3	12.5	83	69.6	45.2	43	119.9	77.9	03	170.2	110.6
24	20.1	13.1	84	70.4	45.7	44	120.8	78.4	04	171.1	111.1
25	21.0	13.6	85	71.3	46.3	45	121.6	79.0	05	171.9	111.6
26	21.8	14.2	86	72.1	46.8	46	122.4	79.5	06	172.8	112.2
27	22.6	14.7	87	73.0	47.4	47	123.3	80.1	07	173.6	112.7
28	23.5	15.2	88	73.8	47.9	48	124.1	80.6	08	174.4	113.3
29	24.3	15.8	89	74.6	48.5	49	125.0	81.1	09	175.3	113.8
30	25.2	16.3	90	75.5	49.0	50	125.8	81.7	10	176.1	114.4
31	26.0	16.9	91	76.3	49.6	151	126.6	82.2	211	176.9	114.9
32	26.8	17.4	92	77.2	50.1	52	127.5	82.8	12	177.8	115.5
33	27.7	18.0	93	78.0	50.6	53	128.3	83.3	13	178.6	116.0
34	28.5	18.5	94	78.8	51.2	54	129.1	83.9	14	179.5	116.5
35	29.4	19.1	95	79.7	51.7	55	130.0	84.4	15	180.3	117.1
36	30.2	19.6	96	80.5	52.3	56	130.8	85.0	16	181.1	117.6
37	31.0	20.2	97	81.3	52.8	57	131.7	85.5	17	182.0	118.2
38	31.9	20.7	98	82.2	53.4	58	132.5	86.0	18	182.8	118.7
39	32.7	21.2	99	83.0	53.9	59	133.3	86.6	19	183.7	119.3
40	33.5	21.8	100	83.9	54.5	60	134.2	87.1	20	184.5	119.8
41	34.4	22.3	101	84.7	55.0	161	135.0	87.7	221	185.3	120.4
42	35.2	22.9	02	85.5	55.5	62	135.9	88.2	22	186.2	120.9
43	36.1	23.4	03	86.4	56.1	63	136.7	88.8	23	187.0	121.4
44	36.9	24.0	04	87.2	56.6	64	137.5	89.3	24	187.8	122.0
45	37.7	24.5	05	88.1	57.2	65	138.4	89.9	25	188.7	122.5
46	38.6	25.1	06	88.9	57.7	66	139.2	90.4	26	189.5	123.1
47	39.4	25.6	07	89.7	58.3	67	140.0	90.9	27	190.4	123.6
48	40.3	26.1	08	90.6	58.8	68	140.9	91.5	28	191.2	124.2
49	41.1	26.7	09	91.4	59.4	69	141.7	92.0	29	192.0	124.7
50	41.9	27.2	10	92.2	59.9	70	142.6	92.6	30	192.9	125.3
51	42.8	27.8	111	93.1	60.5	171	143.4	93.1	231	193.7	125.8
52	43.6	28.3	12	93.9	61.0	72	144.2	93.7	32	194.6	126.3
53	44.4	28.9	13	94.8	61.5	73	145.1	94.2	33	195.4	126.9
54	45.3	29.4	14	95.6	62.1	74	145.9	94.8	34	196.2	127.4
55	46.1	30.0	15	96.4	62.6	75	146.8	95.3	35	197.1	128.0
56	47.0	30.5	16	97.3	63.2	76	147.6	95.8	36	197.9	128.5
57	47.8	31.0	17	98.1	63.7	77	148.4	96.4	37	198.7	129.1
58	48.6	31.6	18	99.0	64.3	78	149.3	96.9	38	199.6	129.6
59	49.5	32.1	19	99.8	64.8	79	150.1	97.5	39	200.4	130.2
60	50.3	32.7	20	100.6	65.4	80	150.9	98.0	40	201.3	130.7
Dist	Abw.	Br.	Dist	Abw.	Br.	Dist	Abw.	Br.	Dist	Abw.	Br.

Dist	Br.	Abw.	Dist	Br.	Abw.	Dist	Br.	Abw.	Dist	Br.	Abw.
1	00.8	00.6	61	50.6	34.1	121	100.3	67.7	181	150.0	101.2
2	01.7	01.1	62	51.4	34.7	22	101.1	68.2	82	150.9	101.8
3	02.5	01.7	63	52.2	35.2	23	102.0	68.8	83	151.7	102.3
4	03.3	02.2	64	53.1	35.8	24	102.8	69.3	84	152.5	102.9
5	04.1	02.8	65	53.9	36.3	25	103.6	69.9	85	153.4	103.5
6	05.0	03.4	66	54.7	36.9	26	104.5	70.5	86	154.2	104.0
7	05.8	03.9	67	55.5	37.5	27	105.3	71.0	87	155.0	104.6
8	06.6	04.5	68	56.4	38.0	28	106.1	71.6	88	155.9	105.1
9	07.5	05.0	69	57.2	38.6	29	106.9	72.1	89	156.7	105.7
10	08.3	05.6	70	58.0	39.1	30	107.8	72.7	90	157.5	106.2
11	09.1	06.2	71	58.9	39.7	131	108.6	73.3	191	158.3	106.8
12	09.9	06.7	72	59.7	40.3	32	109.4	73.8	92	159.2	107.4
13	10.8	07.3	73	60.5	40.8	33	110.3	74.4	93	160.0	107.9
14	11.6	07.8	74	61.3	41.4	34	111.1	74.9	94	160.8	108.5
15	12.4	08.4	75	62.2	41.9	35	111.9	75.5	95	161.7	109.0
16	13.3	08.9	76	63.0	42.5	36	112.7	76.1	96	162.5	109.6
17	14.1	09.5	77	63.8	43.1	37	113.6	76.6	97	163.3	110.2
18	14.9	10.1	78	64.7	43.6	38	114.4	77.2	98	164.1	110.7
19	15.8	10.6	79	65.5	44.2	39	115.2	77.7	99	165.0	111.3
20	16.6	11.2	80	66.3	44.7	40	116.1	78.3	200	165.8	111.8
21	17.4	11.7	81	67.1	45.3	141	116.9	78.8	201	166.6	112.4
22	18.2	12.3	82	68.0	45.9	42	117.7	79.4	02	167.5	113.0
23	19.1	12.9	83	68.8	46.4	43	118.5	80.0	03	168.3	113.5
24	19.9	13.4	84	69.6	47.0	44	119.4	80.5	04	169.1	114.1
25	20.7	14.0	85	70.5	47.5	45	120.2	81.1	05	169.9	114.6
26	21.6	14.5	86	71.3	48.1	46	121.0	81.6	06	170.8	115.2
27	22.4	15.1	87	72.1	48.7	47	121.9	82.2	07	171.6	115.8
28	23.2	15.7	88	73.0	49.2	48	122.7	82.8	08	172.4	116.3
29	24.0	16.2	89	73.8	49.8	49	123.5	83.3	09	173.3	116.9
30	24.9	16.8	90	74.6	50.3	50	124.4	83.9	10	174.1	117.4
31	25.7	17.3	91	75.4	50.9	151	125.2	84.4	211	174.9	118.0
32	26.5	17.9	92	76.3	51.4	52	126.0	85.0	12	175.7	118.6
33	27.4	18.5	93	77.1	52.0	53	126.8	85.6	13	176.6	119.1
34	28.2	19.0	94	77.9	52.6	54	127.7	86.1	14	177.4	119.7
35	29.0	19.6	95	78.8	53.1	55	128.5	86.7	15	178.2	120.2
36	29.8	20.1	96	79.6	53.7	56	129.3	87.2	16	179.1	120.8
37	30.7	20.7	97	80.4	54.2	57	130.2	87.8	17	179.9	121.3
38	31.5	21.2	98	81.2	54.8	58	131.0	88.4	18	180.7	121.9
39	32.3	21.8	99	82.1	55.4	59	131.8	88.9	19	181.6	122.5
40	33.2	22.4	100	82.0	55.9	60	132.6	89.5	20	182.4	123.0
41	34.0	22.9	101	83.7	56.5	161	133.5	90.0	221	183.2	123.6
42	34.8	23.5	02	84.6	57.0	62	134.3	90.6	22	184.0	124.1
43	35.6	24.0	03	85.4	57.6	63	135.1	91.1	23	184.9	124.7
44	36.5	24.6	04	86.2	58.2	64	136.0	91.7	24	185.7	125.3
45	37.3	25.2	05	87.0	58.7	65	136.8	92.3	25	186.5	125.8
46	38.1	25.7	06	87.9	59.3	66	137.6	92.8	26	187.4	126.4
47	39.0	26.3	07	88.7	59.8	67	138.4	93.4	27	188.2	126.9
48	39.8	26.8	08	89.5	60.4	68	139.3	93.9	28	189.0	127.5
49	40.6	27.4	09	90.4	61.0	69	140.1	94.5	29	189.8	128.1
50	41.5	28.0	10	91.2	61.5	70	140.9	95.1	30	190.7	128.6
51	42.3	28.5	111	92.0	62.1	171	141.8	95.6	231	191.5	129.2
52	43.1	29.1	12	92.8	62.6	72	142.6	96.2	32	192.3	129.7
53	43.9	29.6	13	93.7	63.2	73	143.4	96.7	33	193.2	130.3
54	44.8	30.2	14	94.5	63.7	74	144.2	97.3	34	194.0	130.9
55	45.6	30.8	15	95.3	64.3	75	145.1	97.9	35	194.8	131.4
56	46.4	31.3	16	96.2	64.9	76	145.9	98.4	36	195.6	132.0
57	47.3	31.9	17	97.0	65.4	77	146.7	99.0	37	196.5	132.5
58	48.1	32.4	18	97.8	66.0	78	147.6	99.5	38	197.3	133.1
59	48.9	33.0	19	98.7	66.5	79	148.4	100.1	39	198.1	133.6
60	49.7	33.6	20	99.5	67.1	80	149.2	100.7	40	199.0	134.2
Dist	Abw.	Br.	Dist	Abw.	Br.	Dist	Abw.	Br.	Dist	Abw.	Br.

Dist	Br.	Abw.	Dist	Br.	Abw.	Dist	Br.	Abw.	Dist	Br.	Abw.
1	00.8	00.6	61	50.0	35.0	121	99.1	69.4	181	148.2	103.8
2	01.6	01.1	62	50.8	35.6	22	99.9	70.0	82	149.1	104.4
3	02.5	01.7	63	51.6	36.1	23	100.7	70.5	83	149.9	105.0
4	03.3	02.3	64	52.4	36.7	24	101.6	71.1	84	150.7	105.5
5	04.1	02.9	65	53.2	37.3	25	102.4	71.7	85	151.5	106.1
6	04.9	03.4	66	54.1	37.9	26	103.2	72.3	86	152.3	106.7
7	05.7	04.0	67	54.9	38.4	27	104.0	72.8	87	153.1	107.2
8	06.6	04.6	68	55.7	39.0	28	104.8	73.4	88	154.0	107.8
9	07.4	05.2	69	56.5	39.6	29	105.6	74.0	89	154.8	108.4
10	08.2	05.7	70	57.3	40.1	30	106.5	74.6	90	155.6	109.0
11	09.0	06.3	71	58.1	40.7	131	107.3	75.1	191	156.4	109.5
12	09.8	06.9	72	59.0	41.3	32	108.1	75.7	92	157.2	110.1
13	10.6	07.5	73	59.8	41.9	33	108.9	76.3	93	158.1	110.7
14	11.5	08.0	74	60.6	42.4	34	109.7	76.8	94	158.9	111.3
15	12.3	08.6	75	61.4	43.0	35	110.6	77.4	95	159.7	111.8
16	13.1	09.2	76	62.2	43.6	36	111.4	78.0	96	160.5	112.4
17	13.9	09.7	77	63.1	44.2	37	112.2	78.6	97	161.3	113.0
18	14.7	10.3	78	63.9	44.7	38	113.0	79.1	98	162.2	113.6
19	15.6	10.9	79	64.7	45.3	39	113.8	79.7	99	163.0	114.1
20	16.4	11.5	80	65.5	45.9	40	114.6	80.3	200	163.8	114.7
21	17.2	12.0	81	66.3	46.5	141	115.5	80.9	201	164.6	115.3
22	18.0	12.6	82	67.2	47.0	42	116.3	81.4	02	165.4	115.8
23	18.8	13.2	83	68.0	47.6	43	117.1	82.0	03	166.3	116.4
24	19.6	13.8	84	68.8	48.2	44	117.9	82.6	04	167.1	117.0
25	20.5	14.3	85	69.6	48.7	45	118.8	83.2	05	167.9	117.6
26	21.3	14.9	86	70.4	49.3	46	119.6	83.7	06	168.7	118.1
27	22.1	15.5	87	71.3	49.9	47	120.4	84.3	07	169.5	118.7
28	22.9	16.1	88	72.1	50.5	48	121.2	84.9	08	170.3	119.3
29	23.8	16.6	89	72.9	51.0	49	122.0	85.5	09	171.2	119.9
30	24.6	17.2	90	73.7	51.6	50	122.8	86.0	10	172.0	120.4
31	25.4	17.8	91	74.5	52.2	151	123.7	86.6	211	172.8	121.0
32	26.2	18.4	92	75.3	52.8	52	124.5	87.2	12	173.6	121.6
33	27.0	18.9	93	76.2	53.3	53	125.3	87.7	13	174.4	122.2
34	27.8	19.5	94	77.0	53.9	54	126.1	88.3	14	175.3	122.7
35	28.7	20.1	95	77.8	54.5	55	126.9	88.9	15	176.1	123.3
36	29.5	20.6	96	78.6	55.1	56	127.8	89.5	16	176.9	123.9
37	30.3	21.2	97	79.4	55.6	57	128.6	90.0	17	177.7	124.4
38	31.1	22.8	98	80.3	56.2	58	129.4	90.6	18	178.5	125.0
39	31.9	22.4	99	81.1	56.8	59	130.2	91.2	19	179.4	125.6
40	32.8	22.9	100	81.9	57.4	60	131.0	91.8	20	180.2	126.2
41	33.0	23.5	101	82.7	57.9	161	131.9	92.3	221	181.0	126.7
42	34.4	24.1	02	83.5	58.5	62	132.7	92.9	22	181.8	127.3
43	35.2	24.7	03	84.4	59.1	63	133.5	93.5	23	182.6	127.9
44	36.0	25.2	04	85.2	59.6	64	134.3	94.1	24	183.5	128.5
45	36.9	25.8	05	86.0	60.2	65	135.1	94.6	25	184.2	129.0
46	37.7	26.4	06	86.8	60.8	66	136.0	95.2	26	185.1	129.6
47	38.5	27.0	07	87.6	61.4	67	136.8	95.8	27	185.9	130.2
48	39.3	27.5	08	88.5	61.9	68	137.6	96.3	28	186.7	130.8
49	40.1	28.1	09	89.3	62.5	69	138.4	96.9	29	187.5	131.3
50	41.0	28.7	10	90.1	63.1	70	139.2	97.5	30	188.4	131.9
51	41.8	29.2	111	90.9	63.7	171	140.0	98.1	231	189.2	132.5
52	42.6	29.8	12	91.7	64.2	72	140.9	98.6	32	190.0	133.1
53	43.4	30.4	13	92.5	64.8	73	141.7	99.2	33	190.8	133.6
54	44.2	31.0	14	93.4	65.4	74	142.5	99.8	34	191.6	134.2
55	45.0	31.5	15	94.2	66.0	75	143.3	100.4	35	192.5	134.8
56	45.9	32.1	16	95.0	66.5	76	144.1	100.9	36	193.3	135.3
57	46.7	32.7	17	95.8	67.1	77	145.0	101.5	37	194.1	135.9
58	47.5	33.3	18	96.6	67.7	78	145.8	102.1	38	194.9	136.5
59	48.3	33.8	19	97.5	68.2	79	146.6	102.7	39	195.7	137.1
6	49.1	34.4	20	98.3	68.8	80	147.4	103.2	40	196.6	137.6
Dist	Abw.	Br.	Dist	Abw.	Br.	Dist	Abw.	Br.	Dist	Abw.	Br.

Dist	Br.	Abw.	Dist	Br.	Abw.	Dist	Br.	Abw.	Dist	Br.	Abw.
1	00.8	00.6	61	49.3	35.9	121	97.9	71.1	181	146.4	109.4
2	01.6	01.2	62	50.2	36.4	22	98.7	71.7	82	147.2	107.0
3	02.4	01.8	63	51.0	37.0	23	99.5	72.3	83	148.0	107.6
4	03.2	02.4	64	51.8	37.6	24	100.3	72.9	84	148.9	108.2
5	04.0	02.9	65	52.6	38.2	25	101.1	73.5	85	149.7	108.7
6	04.9	03.5	66	53.4	38.8	26	101.9	74.1	86	150.5	109.3
7	05.7	04.1	67	54.2	39.4	27	102.7	74.7	87	151.3	109.9
8	06.5	04.7	68	55.0	40.0	28	103.6	75.2	88	152.1	110.5
9	07.3	05.3	69	55.8	40.6	29	104.4	75.8	89	152.9	111.1
10	08.1	05.9	70	56.6	41.1	30	105.2	76.4	90	153.7	111.7
11	08.9	06.5	71	57.4	41.7	131	106.0	77.0	191	154.5	112.3
12	09.7	07.1	72	58.2	42.3	32	106.8	77.6	92	155.3	112.6
13	10.5	07.6	73	59.1	42.9	33	107.6	78.2	93	156.1	113.4
14	11.3	08.2	74	59.9	43.5	34	108.4	78.8	94	156.9	114.0
15	12.1	08.8	75	60.7	44.1	35	109.2	79.4	95	157.8	114.6
16	12.9	09.4	76	61.5	44.7	36	110.0	79.9	96	158.6	115.2
17	13.8	10.0	77	62.3	45.3	37	110.8	80.5	97	159.4	115.8
18	14.6	10.6	78	63.1	45.8	38	111.6	81.1	98	160.2	116.4
19	15.4	11.2	79	63.9	46.4	39	112.5	81.7	99	161.0	117.0
20	16.2	11.8	80	64.7	47.0	40	113.3	82.3	200	161.8	117.6
21	17.0	12.3	81	65.5	47.6	141	114.1	82.9	201	162.6	118.1
22	17.8	12.9	82	66.3	48.2	42	114.9	83.5	02	163.4	118.7
23	18.6	13.5	83	67.1	48.8	43	115.7	84.1	03	164.2	119.3
24	19.4	14.1	84	68.0	49.4	44	116.5	84.6	04	165.0	119.9
25	20.2	14.7	85	68.8	50.0	45	117.3	85.2	05	165.8	120.5
26	21.0	15.3	86	69.6	50.6	46	118.1	85.8	06	166.7	121.1
27	21.8	15.9	87	70.4	51.1	47	118.9	86.4	07	167.5	121.7
28	22.7	16.5	88	71.2	51.7	48	119.7	87.0	08	168.3	122.3
29	23.5	17.0	89	72.0	52.3	49	120.5	87.6	09	169.1	122.8
30	24.3	17.6	90	72.8	52.9	50	121.3	88.2	10	169.9	123.4
31	25.1	18.2	91	73.6	53.5	151	122.2	88.8	211	170.7	124.0
32	25.9	18.8	92	74.4	54.1	52	123.0	89.3	12	171.5	124.6
33	26.7	19.4	93	75.2	54.7	53	123.8	89.9	13	172.3	125.2
34	27.5	20.0	94	76.0	55.3	54	124.6	90.5	14	173.1	125.8
35	28.3	20.6	95	76.9	55.8	55	125.4	91.1	15	173.9	126.4
36	29.1	21.2	96	77.7	56.4	56	126.2	91.7	16	174.7	127.0
37	29.9	21.7	97	78.5	57.0	57	127.0	92.3	17	175.6	127.6
38	30.7	22.3	98	79.3	57.6	58	127.8	92.9	18	176.4	128.1
39	31.6	22.9	99	80.1	58.2	59	128.6	93.5	19	177.2	128.7
40	32.4	23.5	100	80.9	58.8	60	129.4	94.0	20	178.0	129.3
41	33.2	24.1	101	81.7	59.4	161	130.2	94.6	221	178.8	129.9
42	34.0	24.7	02	82.5	60.0	62	131.1	95.2	22	179.6	130.5
43	34.8	25.3	03	83.3	60.5	63	131.9	95.8	23	180.4	131.1
44	35.6	25.9	04	84.1	61.1	64	132.7	96.4	24	181.2	131.7
45	36.4	26.5	05	84.9	61.7	65	133.5	97.0	25	182.0	132.3
46	37.2	27.1	06	85.8	62.3	66	134.3	97.6	26	182.8	132.8
47	38.0	27.6	07	86.6	62.9	67	135.1	98.2	27	183.6	133.4
48	38.8	28.2	08	87.4	63.5	68	135.9	98.7	28	184.5	134.0
49	39.6	28.8	09	88.2	64.1	69	136.7	99.3	29	185.3	134.6
50	40.5	29.4	10	89.0	64.7	70	137.5	99.9	30	186.1	135.2
51	41.3	30.0	111	89.8	65.2	171	138.3	100.5	231	186.9	135.8
52	42.1	30.6	12	90.6	65.8	72	139.1	101.1	32	187.7	136.4
53	42.9	31.2	13	91.4	66.4	73	140.0	101.7	33	188.5	137.0
54	43.7	31.7	14	92.2	67.0	74	140.8	102.3	34	189.3	137.5
55	44.5	32.3	15	93.0	67.6	75	141.6	102.9	35	190.1	138.1
56	45.3	32.9	16	93.8	68.2	76	142.4	103.5	36	190.9	138.7
57	46.1	33.5	17	94.7	68.8	77	143.2	104.0	37	191.7	139.3
58	46.9	34.1	18	95.5	69.4	78	144.0	104.6	38	192.5	139.9
59	47.7	34.7	19	96.3	69.9	79	144.8	105.2	39	193.3	140.5
60	48.5	35.3	20	97.1	70.5	80	145.6	105.8	40	194.2	141.1
Dist	Abw.	Br.	Dist	Abw.	Br.	Dist	Abw.	Br.	Dist	Abw.	Br.

Dist	Br.	Abw.	Dist	Br.	Abw.	Dist	Br.	Abw.	Dist	Br.	Abw.
1	00. 8	00. 6	61	48. 7	36. 7	121	96. 6	72. 8	181	144. 5	108. 9
2	01. 6	01. 2	62	49. 5	37. 3	22	97. 4	73. 4	82	145. 3	109. 5
3	02. 4	01. 8	63	50. 3	37. 9	23	98. 2	74. 0	83	146. 1	110. 1
4	03. 2	02. 4	64	51. 1	38. 5	24	99. 0	74. 6	84	146. 9	110. 7
5	04. 0	03. 0	65	51 9	39. 1	25	99. 8	75. 2	85	147. 7	111. 3
6	04. 8	03. 6	66	52. 7	39. 7	26	100. 6	75. 8	86	148. 5	111. 9
7	05. 6	04. 3	67	53. 5	40. 3	27	101. 4	76. 4	87	149. 3	112. 5
8	06. 4	04. 8	68	54 3	40. 9	28	102. 2	77. 0	88	150. 1	113. 1
9	07. 2	05. 4	69	55. 1	41. 5	29	103. 0	77. 6	89	150. 9	113. 7
10	08. 0	06. 0	70	55. 9	42. 1	30	103. 8	78. 2	90	151. 7	114. 3
11	08. 8	06. 6	71	56. 7	42. 7	131	104. 6	78. 8	191	152. 5	114. 9
12	09. 6	07. 2	72	57. 5	43. 3	32	105. 4	79. 4	92	153. 3	115. 5
13	10. 4	07. 8	73	58. 3	43. 9	33	106. 2	80. 0	93	154. 1	116. 1
14	11. 2	08. 4	74	59. 1	44. 5	34	107. 0	80. 6	94	154. 9	116. 7
15	12. 0	09. 0	75	59. 9	45. 1	35	107. 8	81. 2	95	155. 7	117. 3
16	12. 8	09. 6	76	60. 7	45. 7	36	108. 6	81. 8	96	156. 5	117. 9
17	13. 6	10. 2	77	61. 5	46. 3	37	109. 4	82. 4	97	157. 3	118. 6
18	14. 4	10. 8	78	62. 3	46. 9	38	110. 2	83. 0	98	158. 1	119. 2
19	15. 2	11. 4	79	63. 1	47. 5	39	111. 0	83. 6	99	158. 9	119. 8
20	16. 0	12. 0	80	63. 9	48. 8	40	111. 8	84. 2	200	159. 7	120. 4
21	16. 8	12. 6	81	64. 7	48. 7	141	112. 6	84. 9	201	160. 5	121. 0
22	17. 6	13. 2	82	65. 5	49. 3	42	113. 4	85. 5	02	161. 3	121. 6
23	18. 4	13. 8	83	66. 3	49. 9	43	114. 2	85. 1	03	162. 1	122. 2
24	19. 2	14. 4	84	67. 1	50. 6	44	115. 0	86. 7	04	162. 9	122. 8
25	20. 0	15. 0	85	67. 9	51. 2	45	115. 8	87. 3	05	163. 7	123. 4
26	20. 8	15. 6	86	68. 7	51. 8	46	116. 6	87. 9	06	164. 5	124. 0
27	21. 6	16. 2	87	69. 5	52. 4	47	117. 4	88. 5	07	165. 3	124. 6
28	22. 4	16. 9	88	70. 3	53. 0	48	118 2	89. 1	08	166. 1	125. 2
29	23. 2	17. 5	89	71. 1	53. 6	49	119. 0	89. 7	09	166. 9	125. 8
30	24 0	18. 1	90	71. 9	54. 2	50	119. 8	90. 3	10	167. 7	126. 4
31	24. 8	18. 7	91	72. 7	54. 8	151	120. 6	90. 9	211	168. 5	127. 0
32	25. 6	19. 3	92	73. 5	55. 4	52	121. 4	91. 5	12	169. 3	127. 6
33	26. 4	19. 9	93	74. 3	56. 0	53	122. 2	92. 1	13	170. 1	128. 2
34	27. 2	20. 5	94	75. 1	56. 6	54	123. 0	92. 7	14	170. 9	128. 8
35	28. 0	21. 1	95	75. 9	57. 2	55	123. 8	93. 3	15	171. 7	129. 4
36	28. 7	21. 7	96	76. 7	57. 8	56	124. 6	93. 9	16	172. 5	130. 0
37	29. 5	22. 3	97	77. 5	58. 4	57	125. 4	94. 5	17	173. 3	130. 6
38	30. 3	22. 9	98	78. 3	59. 0	58	126. 2	95. 1	18	174. 1	131. 2
39	31. 1	23. 5	99	79. 1	59. 6	59	127. 0	95. 7	19	174. 9	131. 8
40	31. 9	24. 1	100	79. 9	60. 2	60	127. 8	96. 3	20	175. 7	132. 4
41	32. 7	24. 7	101	80. 7	60. 8	161	128. 6	96. 9	221	176. 5	133. 0
42	33. 5	25. 3	02	81. 5	61. 4	62	129. 4	97. 5	22	177. 3	13 . 6
43	34. 3	25. 9	03	82. 3	62. 0	63	130. 2	98. 1	23	178. 1	134. 2
44	35. 1	26. 5	04	83. 1	62. 6	64	131. 0	98. 7	24	178. 9	134. 8
45	35. 9	27. 1	05	83. 9	63. 2	65	131. 8	99. 3	25	179. 7	135. 4
46	36. 7	27. 7	06	84. 7	63. 8	66	132. 6	99. 9	26	180. 5	136. 0
47	37. 5	28. 3	07	85. 5	64. 4	67	133. 4	100. 5	27	181. 3	1 . . 6
48	38. 3	28. 9	08	86. 2	65. 0	68	134. 2	101. 1	28	182. 1	137. 2
49	39. 7	29. 5	09	87. 0	65. 6	69	135. 0	101. 7	29	182. 9	137. 8
50	39. 9	30. 1	10	87. 8	66. 2	70	135. 8	102. 3	30	183. 7	138. 4
51	40. 7	30. 7	111	88. 6	66. 8	171	136. 6	102. 9	231	184. 5	139. 0
52	41. 5	31. 3	12	89. 4	67. 4	72	137. 4	103. 5	32	185. 3	139. 6
53	42. 3	31. 9	13	90. 2	68. 0	73	138. 2	104. 1	33	186. 1	140. 2
54	43. 1	32. 5	14	91. 0	68. 6	74	139. 0	104. 7	34	186. 9	140. 8
55	43. 9	33. 1	15	91. 8	69. 2	75	139. 8	105. 3	35	187. 7	141. 4
56	44. 7	33. 7	16	92. 6	69. 8	76	140. 6	105. 9	36	188. 5	142. 0
57	45. 5	34. 3	17	93. 4	70. 4	77	141. 4	106. 5	37	189. 3	142. 6
58	46. 3	34. 9	18	94. 2	71. 0	78	142. 2	107. 1	38	190. 1	143. 2
59	47. 1	35. 5	19	95. 0	71. 6	79	142. 9	107. 7	39	190. 9	143. 8
60	47. 9	36. 1	20	95. 8	72. 2	80	143. 7	108. 3	40	191. 7	144. 4
Dist	Abw.	Br.	Dist	Abw.	Br.	Dist	Abw.	Br.	Dist	Abw.	Br.

Dist	Br.	Abw.	Dist	Br.	Abw.	Dist	Br.	Abw.	Dist	Br.	Abw.
1	00.8	00.6	61	48.1	37.6	121	95.3	74.5	181	142.6	111.4
2	01.6	01.2	62	48.9	38.2	22	96.1	75.1	82	143.4	112.1
3	02.4	01.8	63	49.6	38.8	23	96.9	75.7	83	144.2	112.7
4	03.2	02.5	64	50.4	39.4	24	97.7	76.3	84	145.0	113.3
5	03.9	03.1	65	51.2	40.0	25	98.5	77.0	85	145.8	113.9
6	04.7	03.7	66	52.0	40.6	26	99.3	77.6	86	146.5	114.5
7	05.5	04.3	67	52.8	41.3	27	100.1	78.2	87	147.3	115.1
8	06.3	04.9	68	53.6	41.9	28	100.9	78.8	88	148.1	115.8
9	07.1	05.5	69	54.4	42.5	29	101.6	79.4	89	148.9	116.4
10	07.9	06.2	70	55.2	43.1	30	102.4	80.0	90	149.7	117.0
11	08.7	06.8	71	55.9	43.7	131	103.2	80.7	191	150.5	117.6
12	09.5	07.4	72	56.7	44.3	32	104.0	81.3	92	151.3	118.2
13	10.2	08.0	73	57.5	44.9	33	104.8	81.9	93	152.1	118.8
14	11.0	08.6	74	58.3	45.6	34	105.6	82.5	94	152.9	119.4
15	11.8	09.2	75	59.1	46.2	35	106.4	83.1	95	153.6	120.1
16	12.6	09.9	76	59.9	46.8	36	107.2	83.7	96	154.4	120.7
17	13.4	10.5	77	60.7	47.4	37	107.9	84.4	97	155.2	121.3
18	14.2	11.1	78	61.5	48.0	38	108.7	85.0	98	156.0	121.9
19	15.0	11.7	79	62.2	48.6	39	109.5	85.6	99	156.8	122.5
20	15.8	12.3	80	63.0	49.3	40	110.3	86.2	200	157.6	123.1
21	16.5	12.9	81	63.8	49.9	141	111.1	86.8	201	158.4	123.8
22	17.3	13.5	82	64.6	50.5	42	111.9	87.4	02	159.2	124.4
23	18.1	14.2	83	65.4	51.1	43	112.7	88.0	03	159.9	125.0
24	18.9	14.8	84	66.2	51.7	44	113.5	88.7	04	160.7	125.6
25	19.7	15.4	85	67.0	52.3	45	114.2	89.3	05	161.5	126.2
26	20.5	16.0	86	67.8	53.0	46	115.0	89.9	06	162.3	126.8
27	21.3	16.6	87	68.5	53.6	47	115.8	90.5	07	163.1	127.4
28	22.1	17.2	88	69.3	54.2	48	116.6	91.1	08	163.9	128.1
29	22.9	17.9	89	70.1	54.8	49	117.4	91.7	09	164.7	128.7
30	23.6	18.5	90	70.9	55.4	50	118.2	92.4	10	165.5	129.3
31	24.4	19.1	91	71.7	56.0	151	119.0	93.0	211	166.2	129.9
32	25.2	19.7	92	72.5	56.6	52	119.8	93.6	12	167.0	130.5
33	26.0	20.3	93	73.3	57.3	53	120.5	94.2	13	167.8	131.1
34	26.8	20.9	94	74.1	57.9	54	121.3	94.8	14	168.6	131.8
35	27.6	21.5	95	74.9	58.5	55	122.1	95.4	15	169.4	132.4
36	28.4	22.2	96	75.6	59.1	56	122.9	96.0	16	170.2	133.0
37	29.2	22.8	97	76.4	59.7	57	123.7	96.7	17	171.0	133.6
38	29.9	23.4	98	77.2	60.3	58	124.5	97.3	18	171.8	134.2
39	30.7	24.0	99	78.0	61.0	59	125.3	97.9	19	172.5	134.8
40	31.5	24.6	100	78.8	61.6	60	126.1	98.5	20	173.3	135.5
41	32.3	25.2	101	79.6	62.2	161	126.9	99.1	221	174.1	136.1
42	33.1	25.9	02	80.4	62.8	62	127.6	99.7	22	174.9	136.7
43	33.9	26.5	03	81.2	63.4	63	128.4	100.4	23	175.7	137.3
44	34.7	27.1	04	81.9	64.0	64	129.2	101.0	24	176.5	137.9
45	35.5	27.7	05	82.7	64.6	65	130.0	101.6	25	177.3	138.5
46	36.2	28.3	06	83.5	65.3	66	130.8	102.2	26	178.1	139.1
47	37.0	28.9	07	84.3	65.9	67	131.6	102.8	27	178.9	139.8
48	37.8	29.6	08	85.1	66.5	68	132.4	103.4	28	179.6	140.4
49	38.6	30.2	09	85.9	67.1	69	133.2	104.1	29	180.4	141.0
50	39.4	30.8	10	86.7	67.7	70	133.9	104.7	30	181.2	141.6
51	40.2	31.4	111	87.5	68.3	171	134.7	105.3	231	182.0	142.2
52	41.0	32.0	12	88.2	69.0	72	135.5	105.9	32	182.8	142.8
53	41.8	32.6	13	89.0	69.6	73	136.3	106.5	33	183.6	143.5
54	42.5	33.2	14	89.8	70.2	74	137.1	107.1	34	184.4	144.1
55	43.3	33.9	15	90.6	70.8	75	137.9	107.7	35	185.2	144.7
56	44.1	34.5	16	91.4	71.4	76	138.7	108.4	36	185.9	145.3
57	44.9	35.1	17	92.2	72.0	77	139.5	109.0	37	186.7	145.9
58	45.7	35.7	18	93.0	72.7	78	140.2	109.6	38	187.5	146.5
59	46.5	36.3	19	93.8	73.3	79	141.0	110.2	39	188.3	147.2
60	47.3	36.9	20	94.5	73.9	80	141.8	110.8	40	189.1	147.8
Dist	Abw.	Br.	Dist	Abw.	Br.	Dist	Abw.	Br.	Dist	Abw.	Br.

Dist	Br.	Abw.	Dist	Br.	Abw.	Dist	Br.	Abw.	Dist	Br.	Abw.
1	00.8	00.6	61	47.4	38.4	121	94.0	76.1	181	140.7	113.9
2	01.6	01.3	62	48.2	39.0	22	94.8	76.8	82	141.4	114.5
3	02.3	01.9	63	49.0	39.6	23	95.6	77.4	83	142.2	115.2
4	03.1	02.5	64	49.7	40.3	24	96.4	78.0	84	143.0	115.8
5	03.9	03.1	65	50.5	40.9	25	97.1	78.7	85	143.8	116.4
6	04.7	03.8	66	51.3	41.5	26	97.9	79.3	86	144.5	117.1
7	05.4	04.4	67	52.1	42.2	27	98.7	79.9	87	145.3	117.7
8	06.2	05.0	68	52.8	42.8	28	99.5	80.6	88	146.1	118.3
9	07.0	05.7	69	53.6	43.4	29	100.2	81.2	89	146.9	118.9
10	07.8	06.3	70	54.4	44.1	30	101.0	81.8	90	147.6	119.6
11	08.5	06.9	71	55.2	44.7	131	101.8	82.4	191	148.4	120.2
12	09.3	07.6	72	56.0	45.3	32	102.6	83.1	92	149.2	120.8
13	10.1	08.2	73	56.7	45.9	33	103.4	83.7	93	150.0	121.5
14	10.9	08.8	74	57.5	46.6	34	104.1	84.3	94	150.8	122.1
15	11.7	09.4	75	58.3	47.2	35	104.9	85.0	95	151.5	122.7
16	12.4	10.1	76	59.1	47.8	36	105.7	85.6	96	152.3	123.3
17	13.2	10.7	77	59.8	48.5	37	106.5	86.2	97	153.1	124.0
18	14.0	11.3	78	60.6	49.1	38	107.2	86.8	98	153.9	124.6
19	14.8	12.0	79	61.4	49.7	39	108.0	87.5	99	154.6	125.2
20	15.5	12.6	80	62.2	50.3	40	108.8	88.1	200	155.4	125.9
21	16.3	13.2	81	62.9	51.0	141	109.6	88.7	201	156.2	126.5
22	17.1	13.8	82	63.7	51.6	42	110.3	89.4	02	157.0	127.1
23	17.9	14.5	83	64.5	52.2	43	111.1	90.0	03	157.8	127.7
24	18.7	15.1	84	65.3	52.9	44	111.9	90.6	04	158.5	128.4
25	19.4	15.7	85	66.1	53.5	45	112.7	91.2	05	159.3	129.0
26	20.2	16.4	86	66.8	54.1	46	113.5	91.9	06	160.1	129.6
27	21.0	17.0	87	67.6	54.7	47	114.2	92.5	07	160.9	130.3
28	21.8	17.6	88	68.4	55.4	48	115.0	93.1	08	161.6	130.9
29	22.5	18.2	89	69.2	56.0	49	115.8	93.8	09	162.4	131.5
30	23.3	18.9	90	69.9	56.6	50	116.6	94.4	10	163.2	132.2
31	24.1	19.5	91	70.7	57.3	151	117.3	95.0	211	164.0	132.8
32	24.9	20.1	92	71.5	57.9	52	118.1	95.7	12	164.7	133.4
33	25.6	20.8	93	72.3	58.5	53	118.9	96.3	13	165.5	134.0
34	26.4	21.4	94	73.0	59.2	54	119.7	96.9	14	166.3	134.7
35	27.2	22.0	95	73.8	59.8	55	120.5	97.5	15	167.1	135.3
36	28.0	22.7	96	74.6	60.4	56	121.2	98.2	16	167.9	135.9
37	28.8	23.3	97	75.4	60.9	57	122.0	98.8	17	168.6	136.6
38	29.5	23.9	98	76.2	61.7	58	122.8	99.4	18	169.4	137.2
39	30.3	24.5	99	76.9	62.3	59	123.6	100.1	19	170.2	137.8
40	31.1	25.2	100	77.7	62.9	60	124.3	100.7	20	171.0	138.4
41	31.9	25.8	101	78.5	63.6	161	125.1	101.3	221	171.7	139.1
42	32.6	26.4	02	79.3	64.2	62	125.9	101.9	22	172.5	139.7
43	33.4	27.1	03	80.0	64.8	63	126.7	102.6	23	173.3	140.3
44	34.2	27.7	04	80.8	65.4	64	127.4	103.2	24	174.1	141.0
45	35.0	28.3	05	81.6	66.1	65	128.2	103.8	25	174.8	141.6
46	35.7	28.9	06	82.4	66.7	66	129.0	104.5	26	175.6	142.2
47	36.5	29.6	07	83.1	67.3	67	129.8	105.1	27	176.4	142.9
48	37.3	30.2	08	83.9	68.0	68	130.6	105.7	28	177.2	143.5
49	38.1	30.8	09	84.7	68.6	69	131.3	106.4	29	178.0	144.1
50	38.9	31.5	10	85.5	69.2	70	132.1	107.0	30	178.7	144.7
51	39.6	32.1	111	86.3	69.9	171	132.9	107.6	231	179.5	145.4
52	40.4	32.7	12	87.0	70.5	72	133.7	108.2	32	180.3	146.0
53	41.2	33.4	13	87.8	71.1	73	134.4	108.9	33	181.1	146.6
54	42.0	34.0	14	88.6	71.7	74	135.2	109.5	34	181.8	147.3
55	42.7	34.6	15	89.4	72.4	75	136.0	110.1	35	182.6	147.9
56	43.5	35.2	16	90.1	73.0	76	136.8	110.8	36	183.4	148.5
57	44.3	35.9	17	90.9	73.6	77	137.5	111.4	37	184.2	149.1
58	45.1	36.5	18	91.7	74.3	78	138.3	112.0	38	185.0	149.8
59	45.8	37.1	19	92.5	74.9	79	139.1	112.6	39	185.7	150.4
60	46.6	37.8	20	93.3	75.5	80	139.9	113.3	40	186.5	151.0
Dist	Abw.	Br.	Dist	Abw.	Br.	Dist	Abw.	Br.	Dist	Abw.	Br.

Dist	Br.	Abw.	Dist	Br.	Abw.	Dist	Br.	Abw.	Dist	Br.	Abw.
1	00.8	00.6	61	46.7	39.2	121	92.7	77.8	181	138.6	116.4
2	01.5	01.3	62	47.5	39.9	22	93.4	78.4	82	139.4	117.0
3	02.3	01.9	63	48.3	40.5	23	94.2	79.1	83	140.2	117.7
4	03.1	02.6	64	49.0	41.1	24	95.0	79.7	84	140.9	118.3
5	03.8	03.2	65	49.8	41.8	25	95.7	80.4	85	141.7	118.9
6	04.6	03.9	66	50.6	42.4	26	96.5	81.0	86	142.5	119.6
7	05.4	04.5	67	51.3	43.1	27	97.3	81.6	87	143.2	120.2
8	06.1	05.1	68	52.1	43.7	28	98.0	82.3	88	144.0	120.9
9	06.9	05.8	69	52.9	44.4	29	98.8	82.9	89	144.8	121.5
10	07.7	06.4	70	53.6	45.0	30	99.6	83.6	90	145.5	122.1
11	08.4	07.1	71	54.4	45.6	131	100.3	84.2	191	146.3	122.8
12	09.2	07.7	72	55.2	46.3	32	101.1	84.9	92	147.1	123.4
13	10.0	08.4	73	55.9	46.9	33	101.9	85.5	93	147.8	124.1
14	10.7	09.0	74	56.7	47.6	34	102.6	86.1	94	148.6	124.7
15	11.5	09.6	75	57.4	48.2	35	103.4	86.8	95	149.4	125.4
16	12.3	10.3	76	58.2	48.9	36	104.2	87.4	96	150.1	126.0
17	13.0	10.9	77	59.0	49.5	37	104.9	88.1	97	150.9	126.6
18	13.8	11.6	78	59.7	50.1	38	105.7	88.7	98	151.7	127.3
19	14.6	12.2	79	60.5	50.8	39	106.5	89.4	99	152.4	127.9
20	15.3	12.9	80	61.3	51.4	40	107.2	90.0	200	153.2	128.6
21	16.1	13.5	81	62.0	52.1	141	108.0	90.6	201	154.0	129.2
22	16.9	14.1	82	62.8	52.7	42	108.8	91.3	02	154.7	129.9
23	17.6	14.8	83	63.6	53.4	43	109.5	91.9	03	155.5	130.5
24	18.4	15.4	84	64.3	54.0	44	110.3	92.6	04	156.3	131.1
25	19.2	16.1	85	65.1	54.6	45	111.1	93.2	05	157.0	131.8
26	19.9	16.7	86	65.9	55.3	46	111.8	93.9	06	157.8	132.4
27	20.7	17.4	87	66.6	55.9	47	112.6	94.5	07	158.6	133.1
28	21.4	18.0	88	67.4	56.6	48	113.4	95.1	08	159.3	133.7
29	22.2	18.6	89	68.2	57.2	49	114.2	95.8	09	160.1	134.4
30	23.0	19.3	90	68.9	57.9	50	114.9	96.4	10	160.9	135.0
31	23.7	19.9	91	69.7	58.5	151	115.7	97.1	211	161.6	135.6
32	24.5	20.6	92	70.5	59.1	52	116.4	97.7	12	162.4	136.3
33	25.3	21.2	93	71.2	59.8	53	117.2	98.4	13	163.2	136.9
34	26.0	21.9	94	72.0	60.4	54	118.0	99.0	14	163.9	137.6
35	26.8	22.5	95	72.8	61.1	55	118.7	99.6	15	164.7	138.2
36	27.6	23.1	96	73.5	61.7	56	119.5	100.3	16	165.4	138.8
37	28.3	23.8	97	74.3	62.4	57	120.3	100.9	17	166.2	139.5
38	29.1	24.4	98	75.1	63.0	58	121.0	101.6	18	167.0	140.1
39	29.9	25.1	99	75.8	63.6	59	121.8	102.2	19	167.7	140.8
40	30.6	25.7	100	76.6	64.3	60	122.6	102.8	20	168.5	141.4
41	31.4	26.4	101	77.4	64.9	161	123.3	103.5	221	169.3	142.1
42	32.2	27.0	02	78.1	65.6	62	124.1	104.1	22	170.0	142.7
43	32.9	27.6	03	78.9	66.2	63	124.9	104.8	23	170.8	143.3
44	33.7	28.3	04	79.7	66.8	64	125.6	105.4	24	171.6	144.0
45	34.5	28.9	05	80.4	67.5	65	126.4	106.1	25	172.3	144.6
46	35.2	29.6	06	81.2	68.1	66	127.2	106.7	26	173.1	145.3
47	36.0	30.2	07	82.0	68.8	67	127.9	107.3	27	173.9	145.9
48	36.8	30.8	08	82.7	69.4	68	128.7	108.0	28	174.6	146.6
49	37.5	31.5	09	83.5	70.1	69	129.4	108.6	29	175.4	147.2
50	38.3	32.1	10	84.3	70.7	70	130.2	109.3	30	176.2	147.9
51	39.1	32.8	111	85.0	71.3	171	131.0	109.9	231	176.9	148.5
52	39.8	33.4	12	85.8	72.0	72	131.7	110.6	32	177.7	149.1
53	40.6	34.1	13	86.6	72.6	73	132.5	111.2	33	178.5	149.8
54	41.4	34.7	14	87.3	73.3	74	133.3	111.9	34	179.2	150.4
55	42.1	35.3	15	88.1	73.9	75	134.0	112.5	35	180.0	151.1
56	42.9	36.0	16	88.9	74.6	76	134.8	113.1	36	180.8	151.7
57	43.7	36.6	17	89.6	75.2	77	135.6	113.8	37	181.5	152.4
58	44.4	37.3	18	90.4	75.9	78	136.3	114.4	38	182.3	153.0
59	45.2	37.0	19	91.2	76.5	79	137.1	115.1	39	183.1	153.6
60	46.0	38.6	20	91.9	77.1	80	137.9	115.7	40	183.8	154.3
Dist	Abw.	Br.	Dist	Abw.	Br.	Dist	Abw.	Br.	Dist	Abw.	Br.

Dist	Br.	Abw.	Dist	Br.	Abw.	Dist	Br.	Abw.	Dist	Br.	Abw.
1	00.8	00.7	61	46.0	40.0	121	91.3	79.4	181	136.6	118.7
2	01.5	01.3	62	46.8	40.7	22	92.1	80.0	82	137.4	119.4
3	02.3	02.0	63	47.5	41.3	23	92.8	80.7	83	138.1	120.0
4	03.0	02.6	64	48.3	42.0	24	93.6	81.3	84	138.9	120.7
5	03.8	03.3	65	49.1	42.6	25	94.3	82.0	85	139.6	121.4
6	04.5	03.9	66	49.8	43.3	26	95.1	82.6	86	140.4	122.0
7	05.3	04.6	67	50.6	44.0	27	95.8	83.3	87	141.1	122.7
8	06.0	05.2	68	51.3	44.6	28	96.6	84.0	88	141.9	123.3
9	06.8	05.9	69	52.1	45.3	29	97.4	84.6	89	142.6	124.0
10	07.5	06.6	70	52.8	45.9	30	98.1	85.3	90	143.4	124.6
11	08.4	07.2	71	53.6	46.6	131	98.9	85.9	191	144.2	125.3
12	09.1	07.9	72	54.3	47.2	32	99.6	86.6	92	144.9	125.9
13	09.8	08.5	73	55.1	47.9	33	100.4	87.2	93	145.7	126.6
14	10.6	09.2	74	55.8	48.5	34	101.1	87.9	94	146.4	127.3
15	11.3	09.8	75	56.6	49.2	35	101.9	88.6	95	147.2	127.9
16	12.1	10.5	76	57.4	49.9	36	102.6	89.2	96	147.9	128.6
17	12.8	11.2	77	58.1	50.5	37	103.4	89.9	97	148.7	129.2
18	13.6	11.8	78	58.9	51.2	38	104.2	90.5	98	149.4	129.9
19	14.3	12.5	79	59.6	51.8	39	104.9	91.2	99	150.2	130.5
20	15.1	13.1	80	60.4	52.5	40	105.7	91.8	200	150.9	131.2
21	15.8	13.8	81	61.1	53.1	141	106.4	92.5	201	151.7	131.8
22	16.6	14.4	82	61.9	53.8	42	107.2	93.1	02	152.5	132.5
23	17.4	15.1	83	62.6	54.4	43	107.9	93.8	03	153.2	133.2
24	18.1	15.7	84	63.4	55.1	44	108.7	94.5	04	154.0	133.8
25	18.9	16.4	85	64.2	55.8	45	109.4	95.1	05	154.7	134.5
26	19.6	17.1	86	64.9	56.4	46	110.2	95.8	06	155.5	135.1
27	20.4	17.7	87	65.7	57.1	47	110.9	96.4	07	156.2	135.8
28	21.1	18.4	88	66.4	57.7	48	111.7	97.1	08	157.0	136.4
29	21.9	19.0	89	67.2	58.4	49	112.5	97.7	09	157.7	137.1
30	22.6	19.7	90	67.9	59.0	50	113.2	98.4	10	158.5	137.7
31	23.4	20.3	91	68.7	59.7	151	114.0	99.0	211	159.2	138.4
32	24.2	21.0	92	69.4	60.4	52	114.7	99.7	12	160.0	139.1
33	24.9	21.6	93	70.2	61.0	53	115.5	100.4	13	160.8	139.7
34	25.7	22.3	94	70.9	61.7	54	116.2	101.0	14	161.5	140.4
35	26.4	23.0	95	71.7	62.3	55	117.0	101.7	15	162.3	141.0
36	27.2	23.6	96	72.5	63.0	56	117.7	102.3	16	163.0	141.7
37	27.9	24.3	97	73.2	63.6	57	118.5	103.0	17	163.6	142.3
38	28.7	24.9	98	74.0	64.3	58	119.2	103.6	18	164.5	143.0
39	29.4	25.6	99	74.7	64.9	59	120.0	104.3	19	165.3	143.6
40	30.2	26.2	100	75.5	65.6	60	120.8	105.0	20	166.0	144.3
41	30.9	26.9	101	76.2	66.3	161	121.5	105.6	221	166.8	145.0
42	31.7	27.6	02	77.0	66.9	62	122.3	106.3	22	167.5	145.6
43	32.5	28.2	03	77.7	67.6	63	123.0	106.9	23	168.3	146.3
44	33.2	28.9	04	78.5	68.2	64	123.8	107.6	24	169.1	146.9
45	34.0	29.5	05	79.2	68.9	65	124.5	108.2	25	169.8	147.6
46	34.7	30.2	06	80.0	69.5	66	125.3	108.9	26	170.6	148.2
47	35.5	30.8	07	80.8	70.2	67	126.0	109.5	27	171.3	148.9
48	36.2	31.5	08	81.5	70.8	68	126.8	110.2	28	172.1	149.6
49	37.0	32.1	09	82.3	71.5	69	127.5	110.9	29	172.8	150.2
50	37.7	32.8	10	83.0	72.2	70	128.3	111.5	30	173.6	150.9
51	38.5	33.5	111	83.8	72.8	171	129.1	112.2	231	174.3	151.7
52	39.2	34.1	12	84.5	73.5	72	129.8	112.8	32	175.1	152.2
53	40.0	34.8	13	85.3	74.1	73	130.6	113.5	33	175.8	152.8
54	40.8	35.4	14	86.0	74.8	74	131.3	114.1	34	176.6	153.5
55	41.5	36.1	15	86.8	75.4	75	132.1	114.8	35	177.4	154.1
56	42.3	36.7	16	87.5	76.1	76	132.8	115.4	36	178.1	154.8
57	43.0	37.4	17	88.3	76.7	77	133.6	116.1	37	178.9	155.5
58	43.8	38.0	18	89.1	77.4	78	134.3	116.8	38	179.6	156.1
59	44.5	38.7	19	89.8	78.1	79	135.1	117.4	39	180.4	156.8
60	45.3	39.4	20	90.6	78.7	80	135.8	118.1	40	181.1	157.4
Dist	Abw.	Br.	Dist	Abw.	Br.	Dist	Abw.	Br.	Dist	Abw.	Br.

Dist	Br.	Abw.	Dist	Br.	Abw.	Dist	Br.	Abw.	Dist	Br.	Abw.
1	00.7	00.7	61	45.3	40.8	121	89.9	80.9	181	134.5	121.1
2	01.5	01.3	62	46.1	41.5	22	90.6	81.6	82	135.2	121.8
3	02.2	02.0	63	46.8	42.1	23	91.4	82.3	83	135.9	122.4
4	03.0	02.7	64	47.5	42.8	24	92.1	83.0	84	136.7	123.1
5	03.7	03.3	65	48.3	43.5	25	92.9	83.6	85	137.3	123.8
6	04.5	04.0	66	49.0	44.2	26	93.6	84.3	86	138.2	124.4
7	05.2	04.7	67	49.8	44.8	27	94.3	85.0	87	138.9	125.1
8	05.9	05.4	68	50.5	45.5	28	95.1	85.6	88	139.7	125.8
9	06.7	06.0	69	51.3	46.2	29	95.8	86.3	89	140.4	126.4
10	07.4	06.7	70	52.0	46.8	30	96.6	87.0	90	141.1	127.1
11	08.2	07.4	71	52.7	47.5	131	97.3	87.6	191	141.9	127.8
12	08.9	08.0	72	53.5	48.2	32	98.1	88.3	92	142.6	128.4
13	09.7	08.7	73	54.2	48.8	33	98.8	89.0	93	143.4	129.1
14	10.4	09.4	74	55.0	49.5	34	99.5	89.6	94	143.1	129.8
15	11.1	10.0	75	55.7	50.2	35	100.3	90.3	95	144.9	130.5
16	11.9	10.7	76	56.5	50.8	36	101.0	91.0	96	145.6	131.1
17	12.6	11.4	77	57.2	51.5	37	101.8	91.7	97	146.3	131.8
18	13.4	12.0	78	57.9	52.2	38	102.5	92.3	98	147.1	132.5
19	14.1	12.7	79	58.7	52.9	39	103.3	93.0	99	147.8	133.1
20	14.9	13.4	80	59.4	53.5	40	104.0	93.7	200	148.6	133.8
21	15.6	14.0	81	60.2	54.2	141	104.7	94.3	201	149.3	134.5
22	16.3	14.7	82	60.9	54.9	42	105.5	95.0	02	150.1	135.1
23	17.1	15.4	83	61.7	55.5	43	106.2	95.7	03	150.8	135.8
24	17.8	16.1	84	62.4	56.2	44	107.0	96.3	04	151.5	136.5
25	18.6	16.7	85	63.1	56.9	45	107.7	97.0	05	152.3	137.1
26	19.3	17.4	86	63.9	57.5	46	108.5	97.7	06	153.0	137.8
27	20.1	18.1	87	64.6	58.2	47	109.2	98.3	07	153.8	138.5
28	20.8	18.7	88	65.4	58.9	48	109.9	99.0	08	154.5	139.1
29	21.5	19.4	89	66.1	59.5	49	110.7	99.7	09	155.3	139.8
30	22.3	20.1	90	66.9	60.2	50	111.4	100.4	10	156.0	140.5
31	23.0	20.7	91	67.6	60.9	151	112.2	101.0	211	156.7	141.2
32	23.8	21.4	92	68.3	61.5	52	112.9	101.7	12	157.5	141.8
33	24.5	22.1	93	69.1	62.2	53	113.5	102.4	13	158.2	142.5
34	25.3	22.7	94	69.8	62.9	54	114.4	103.0	14	159.0	143.2
35	26.0	23.4	95	70.6	63.6	55	115.1	103.7	15	159.7	143.8
36	26.7	24.1	96	71.3	64.2	56	115.9	104.4	16	160.5	144.5
37	27.5	24.8	97	72.1	64.9	57	116.6	105.0	17	161.2	145.2
38	28.2	25.4	98	72.8	65.6	58	117.4	105.7	18	161.9	145.8
39	29.0	26.1	99	73.5	66.2	59	118.1	106.4	19	162.7	146.5
40	29.7	26.8	100	74.3	66.9	60	118.9	107.0	20	163.4	147.2
41	30.5	27.4	101	75.0	67.6	161	119.6	107.7	221	164.2	147.8
42	31.2	28.1	02	75.8	68.2	62	120.3	108.4	22	164.9	148.5
43	31.9	28.8	03	76.5	68.9	63	121.1	109.0	23	165.7	149.2
44	32.7	29.4	04	77.3	69.6	64	121.8	109.7	24	166.4	149.9
45	33.4	30.1	05	78.0	70.2	65	122.6	110.4	25	167.1	150.5
46	34.2	30.8	06	78.7	70.9	66	123.3	111.0	26	167.9	151.2
47	34.9	31.4	07	79.5	71.6	67	124.1	111.7	27	168.6	151.9
48	35.7	32.1	08	80.2	72.3	68	124.8	112.4	28	169.4	152.5
49	36.4	32.8	09	81.0	72.9	69	125.5	113.1	29	170.1	153.2
50	37.1	33.5	10	81.7	73.6	70	126.3	113.7	30	170.9	153.9
51	37.9	34.1	111	82.5	74.3	171	127.0	114.4	231	171.6	154.5
52	38.6	34.8	12	83.2	74.9	72	127.8	115.1	32	172.3	155.2
53	39.4	35.5	13	83.9	75.6	73	128.5	115.7	33	173.1	155.9
54	40.1	36.1	14	84.7	76.3	74	129.3	116.4	34	173.8	156.5
55	40.9	36.8	15	85.4	76.9	75	130.0	117.1	35	174.6	157.2
56	41.6	37.5	16	86.2	77.6	76	130.7	117.7	36	175.5	157.9
57	42.3	38.1	17	86.9	78.3	77	131.5	118.4	37	176.1	158.5
58	43.1	38.8	18	87.7	78.9	78	132.2	119.1	38	176.8	159.2
59	43.8	39.5	19	88.4	79.6	79	133.0	119.7	39	177.5	159.9
60	44.6	40.1	20	89.1	80.3	80	133.7	120.4	40	178.3	160.6
Dist	Abw.	Br.	Dist	Abw.	Br.	Dist	Abw.	Br.	Dist	Abw.	Br.

Dist	Br.	Abw.	Dist	Br.	Abw.	Dist	Br.	Abw.	Dist	Br.	Abw.
1	00.7	00.7	61	44.6	41.6	121	88.5	82.5	181	132.4	123.4
2	01.5	01.4	62	45.3	42.3	22	89.2	83.2	82	133.1	124.1
3	02.2	02.0	63	46.1	43.0	23	90.0	83.9	83	133.8	124.8
4	02.9	02.7	64	46.8	43.6	24	90.7	84.5	84	134.6	125.5
5	03.7	03.4	65	47.5	44.3	25	91.4	85.2	85	135.3	126.2
6	04.4	04.1	66	48.3	45.0	26	92.1	85.9	86	136.0	126.8
7	05.1	04.8	67	49.0	45.7	27	92.9	86.6	87	136.8	127.5
8	05.9	05.5	68	49.7	46.4	28	93.6	87.3	88	137.5	128.2
9	06.6	06.2	69	50.5	47.1	29	94.3	88.0	89	138.2	128.9
10	07.3	06.8	70	51.2	47.7	30	95.1	88.6	90	139.0	129.5
11	08.0	07.5	71	51.9	48.4	131	95.8	89.3	191	139.7	130.2
12	08.8	08.2	72	52.7	49.1	32	96.5	90.0	92	140.4	130.9
13	09.5	08.9	73	53.4	49.8	33	97.3	90.7	93	141.1	131.6
14	10.2	09.5	74	54.1	50.5	34	98.0	91.4	94	141.9	132.3
15	11.0	10.2	75	54.9	51.2	35	98.7	92.1	95	142.6	133.0
16	11.7	10.9	76	55.6	51.8	36	99.5	92.7	96	143.3	133.6
17	12.4	11.6	77	56.3	52.5	37	100.2	93.4	97	144.1	134.3
18	13.2	12.3	78	57.0	53.2	38	100.9	94.1	98	144.8	135.0
19	13.9	13.0	79	57.8	53.9	39	101.7	94.8	99	145.5	135.7
20	14.6	13.6	80	58.5	54.5	40	102.4	95.5	200	146.3	136.4
21	15.4	14.3	81	59.2	55.2	141	103.1	96.2	201	147.0	137.1
22	16.1	15.0	82	60.0	55.9	42	103.9	96.8	02	147.7	137.7
23	16.8	15.7	83	60.7	56.6	43	104.6	97.5	03	148.5	138.4
24	17.6	16.4	84	61.4	57.3	44	105.3	98.2	04	149.2	139.1
25	18.3	17.1	85	62.2	58.0	45	106.0	98.9	05	149.9	139.8
26	19.0	17.7	86	62.9	58.6	46	106.8	99.5	06	150.7	140.5
27	19.7	18.4	87	63.6	59.3	47	107.5	100.2	07	151.4	141.2
28	20.5	19.1	88	64.4	60.0	48	108.2	100.9	08	152.1	141.8
29	21.2	19.8	89	65.1	60.7	49	109.0	101.6	09	152.9	142.5
30	21.9	20.5	90	65.8	61.4	50	109.7	102.3	10	153.6	143.2
31	22.7	21.2	91	66.2	62.1	151	110.4	103.0	211	154.3	143.9
32	23.4	21.8	92	67.3	62.7	52	111.2	103.6	12	155.0	144.5
33	24.1	22.5	93	68.0	63.4	53	111.9	104.3	13	155.8	145.2
34	24.9	23.2	94	68.7	64.1	54	112.6	105.0	14	156.5	145.9
35	25.6	23.9	95	69.5	64.8	55	113.4	105.7	15	157.2	146.6
36	26.3	24.5	96	70.2	65.5	56	114.1	106.4	16	158.0	147.3
37	27.1	25.2	97	70.9	66.2	57	114.8	107.1	17	158.7	148.0
38	27.8	25.9	98	71.7	66.8	58	115.6	107.7	18	159.4	148.6
39	28.5	26.6	99	72.4	67.5	59	116.3	108.4	19	160.2	149.3
40	29.3	27.3	100	73.1	68.2	60	117.0	109.1	20	160.9	150.0
41	30.0	28.0	101	73.9	68.9	161	117.7	109.8	221	161.6	150.7
42	30.7	28.6	02	74.6	69.5	62	118.5	110.5	22	162.4	151.4
43	31.4	29.3	03	75.3	70.2	63	119.2	111.2	23	163.1	152.1
44	32.2	30.0	04	76.1	70.9	64	119.9	111.8	24	163.8	152.7
45	32.9	30.7	05	76.8	71.6	65	120.7	112.5	25	164.6	153.4
46	33.6	31.4	06	77.5	72.3	66	121.4	113.2	26	165.3	154.1
47	34.4	32.1	07	78.3	73.0	67	122.1	113.9	27	166.0	154.8
48	35.1	32.7	08	79.0	73.6	68	122.9	114.5	28	166.7	155.5
49	35.8	33.4	09	79.7	74.3	69	123.6	115.2	29	167.5	156.2
50	36.6	34.1	10	80.4	75.0	70	124.3	115.9	30	168.1	156.8
51	37.3	34.8	111	81.2	75.7	171	125.1	116.6	231	168.9	157.5
52	38.0	35.5	12	81.9	76.4	72	125.8	117.3	32	169.7	158.2
53	38.8	36.2	13	82.6	77.1	73	126.5	118.0	33	170.4	158.9
54	39.5	36.8	14	83.4	77.7	74	127.3	118.6	34	171.1	159.5
55	40.2	37.5	15	84.1	78.4	75	128.0	119.3	35	171.9	160.2
56	41.0	38.2	16	84.8	79.1	76	128.7	120.0	36	172.6	160.9
57	41.7	38.9	17	85.6	79.8	77	129.4	120.7	37	173.3	161.6
58	42.4	39.5	18	86.3	80.5	78	130.2	121.4	38	174.1	162.3
59	43.1	40.2	19	87.0	81.2	79	130.9	122.1	39	174.8	163.0
60	43.9	40.9	20	87.8	81.8	80	131.6	122.7	40	175.5	163.6
Dist	Abw.	Br.	Dist	Abw.	Br.	Dist	Abw.	Br.	Dist	Abw.	Br.

Dist	Br.	Abw.	Dist	Br.	Abw.	Dist	Br.	Abw.	Dist	Br.	Abw.
1	00.7	00.7	61	43.9	42.4	121	87.0	84.0	181	130.2	125.7
2	01.4	01.4	62	44.6	43.1	22	87.8	84.7	82	130.9	126.4
3	02.2	02.1	63	45.3	43.8	23	88.5	85.4	83	131.6	127.1
4	02.9	02.8	64	46.0	44.5	24	89.2	86.1	84	132.4	127.8
5	03.6	03.5	65	46.8	45.1	25	89.9	86.8	85	133.1	128.5
6	04.3	04.2	66	47.7	45.8	26	90.6	87.5	86	133.8	129.2
7	05.0	04.9	67	48.2	46.5	27	91.4	88.2	87	134.5	129.9
8	05.8	05.6	68	48.9	47.2	28	92.1	88.9	88	135.2	130.6
9	06.5	06.3	69	49.6	47.9	29	92.8	89.6	89	135.9	131.3
10	07.2	06.9	70	50.4	48.6	30	93.5	90.3	90	136.7	132.0
11	07.9	07.6	71	51.1	49.3	131	94.2	91.0	191	137.4	132.7
12	08.6	08.3	72	51.8	50.0	32	94.9	91.7	92	138.1	133.4
13	09.4	09.0	73	52.5	50.7	33	95.7	92.4	93	138.8	134.1
14	10.1	09.7	74	53.2	51.4	34	96.4	93.1	94	139.5	134.8
15	10.8	10.4	75	53.9	52.1	35	97.1	93.8	95	140.3	135.4
16	11.5	11.1	76	54.7	52.8	36	97.8	94.5	96	141.0	136.1
17	12.2	11.8	77	55.4	53.5	37	98.5	95.2	97	141.7	136.8
18	12.9	12.5	78	56.1	54.2	38	99.3	95.9	98	142.4	137.5
19	13.7	13.2	79	56.8	54.9	39	100.0	96.5	99	143.1	138.2
20	14.4	13.9	80	57.5	55.6	40	100.7	97.2	200	143.9	138.9
21	15.1	14.6	81	58.3	56.3	141	101.4	97.9	201	144.7	139.6
22	15.8	15.3	82	59.0	57.0	42	102.1	98.6	02	145.3	140.3
23	16.5	16.0	83	59.7	57.7	43	102.9	99.3	03	146.0	141.0
24	17.3	16.7	84	60.4	58.3	44	103.6	100.0	04	146.7	141.7
25	18.0	17.4	85	61.1	59.0	45	104.3	100.7	05	147.5	142.4
26	18.7	18.1	86	61.9	59.7	46	105.0	101.4	06	148.2	143.1
27	19.4	18.8	87	62.6	60.4	47	105.7	102.1	07	148.9	143.8
28	20.1	19.4	88	63.3	61.1	48	106.5	102.8	08	149.6	144.5
29	20.9	20.1	89	64.0	61.8	49	107.2	103.5	09	150.3	145.2
30	21.6	20.8	90	64.7	62.5	50	107.9	104.2	10	151.1	145.9
31	22.3	21.5	91	65.5	63.2	151	108.6	104.9	211	151.8	146.6
32	23.0	22.2	92	66.2	63.9	52	109.3	105.6	12	152.5	147.3
33	23.7	22.9	93	66.9	64.6	53	110.1	106.3	13	153.2	147.9
34	24.5	23.6	94	67.6	65.3	54	110.8	107.0	14	153.9	148.6
35	25.2	24.3	95	68.3	66.0	55	111.5	107.7	15	154.6	149.3
36	25.9	25.0	96	69.1	66.7	56	112.2	108.4	16	155.4	150.0
37	26.6	25.7	97	69.8	67.4	57	112.9	109.1	17	156.1	150.7
38	27.3	26.4	98	70.5	68.1	58	113.1	109.7	18	156.8	151.4
39	28.1	27.1	99	71.2	68.8	59	114.4	110.4	19	157.5	152.1
40	28.8	27.8	100	71.9	69.5	60	115.1	111.1	20	158.2	152.8
41	29.5	28.5	101	72.6	70.2	161	115.8	111.8	221	159.0	153.5
42	30.2	29.2	02	73.4	70.8	62	116.5	112.5	22	159.7	154.2
43	30.9	29.9	03	74.1	71.5	63	117.2	113.2	23	160.4	154.9
44	31.6	30.6	04	74.8	72.2	64	118.0	113.9	24	161.1	155.6
45	32.4	31.3	05	75.5	72.9	65	118.7	114.6	25	161.8	156.3
46	33.1	32.0	06	76.2	73.6	66	119.4	115.3	26	162.6	157.0
47	33.8	32.6	07	77.0	74.3	67	120.1	116.0	27	163.3	157.7
48	34.5	33.3	08	77.7	75.0	68	120.8	116.7	28	164.0	158.4
49	35.2	34.0	09	78.4	75.7	69	121.6	117.4	29	164.7	159.1
50	36.0	34.7	10	79.1	76.4	70	122.3	118.1	30	165.4	159.8
51	36.7	35.4	111	79.8	77.1	171	123.0	118.8	231	166.2	160.4
52	37.4	36.1	12	80.6	77.3	72	123.7	119.5	32	166.9	161.1
53	38.1	36.8	13	81.3	78.5	73	124.4	120.2	33	167.6	161.8
54	38.8	37.5	14	82.0	79.2	74	125.2	120.9	34	168.3	162.5
55	39.6	38.2	15	82.7	79.9	75	125.9	121.6	35	169.0	163.2
56	40.3	38.9	16	83.4	80.6	76	126.6	122.2	36	169.8	163.9
57	41.0	39.6	17	84.2	81.3	77	127.3	122.9	37	170.5	164.6
58	41.7	40.3	18	84.9	82.0	78	128.0	123.6	38	171.2	165.3
59	42.4	41.0	19	85.6	82.7	79	128.8	124.3	39	171.9	166.0
60	43.2	41.7	20	86.3	83.4	80	129.5	125.0	40	172.6	166.7
Dist	Abw.	Br.	Dist	Abw.	Br.	Dist	Abw.	Br.	Dist	Abw.	Br.

Dist	Br.	Abw.	Dist	Br.	Abw.	Dist	Br.	Abw.	Dist	Br.	Abw.
1	00.7	00.7	61	43.1	43.1	121	85.6	85.6	181	128.0	128.0
2	01.4	01.4	62	43.8	43.8	22	86.3	86.3	82	128.7	128.7
3	02.1	02.1	63	44.5	44.5	23	87.0	87.0	83	129.4	129.4
4	02.8	02.8	64	45.3	45.3	24	87.7	87.7	84	130.1	130.1
5	03.5	03.5	65	46.0	46.0	25	88.4	88.4	85	130.8	130.8
6	04.2	04.2	66	46.7	46.7	26	89.1	89.1	86	131.5	131.5
7	04.9	04.9	67	47.4	47.4	27	89.8	89.8	87	132.1	132.1
8	05.7	05.7	68	48.1	48.1	28	90.5	90.5	88	132.9	132.9
9	06.4	06.4	69	48.8	48.8	29	91.2	91.2	89	133.6	133.6
10	07.1	07.1	70	49.5	49.5	30	91.9	91.9	90	134.3	134.3
11	07.8	07.8	71	50.2	50.2	131	92.6	92.6	191	135.1	135.1
12	08.5	08.5	72	50.9	50.9	32	93.3	93.3	92	135.8	135.8
13	09.2	09.2	73	51.6	51.6	33	94.0	94.0	93	136.5	136.5
14	09.9	09.9	74	52.3	52.3	34	94.7	94.7	94	137.2	137.2
15	10.6	10.6	75	53.0	53.0	35	95.5	95.5	95	137.9	137.9
16	11.3	11.3	76	53.7	53.7	36	96.2	96.2	96	138.6	138.6
17	12.0	12.0	77	54.4	54.4	37	96.9	96.9	97	139.3	139.3
18	12.7	12.7	78	55.2	55.2	38	97.6	97.6	98	140.0	140.0
19	13.4	13.4	79	55.9	55.9	39	98.3	98.3	99	140.7	140.7
20	14.1	14.1	80	56.6	56.6	40	99.0	99.0	200	141.4	141.4
21	14.8	14.8	81	57.3	57.3	141	99.7	99.7	201	142.1	142.1
22	15.6	15.6	82	58.0	58.0	42	100.4	100.4	02	142.8	142.8
23	16.3	16.3	83	58.7	58.7	43	101.1	101.1	03	143.5	143.5
24	17.0	17.0	84	59.4	59.4	44	101.8	101.8	04	144.2	144.2
25	17.7	17.7	85	60.1	60.1	45	102.5	102.5	05	144.9	144.9
26	18.4	18.4	86	60.8	60.8	46	103.2	103.2	06	145.7	145.7
27	19.1	19.1	87	61.5	61.5	47	103.9	103.9	07	146.4	146.4
28	19.8	19.8	88	62.2	62.2	48	104.6	104.6	08	147.1	147.1
29	20.5	20.5	89	62.9	62.9	49	105.4	105.4	09	147.8	147.8
30	21.2	21.2	90	63.6	63.6	50	106.1	106.1	10	148.5	148.5
31	21.9	21.9	91	64.3	64.3	151	106.8	106.8	211	149.2	149.2
32	22.6	22.6	92	65.1	65.1	52	107.5	107.5	12	149.9	149.9
33	23.3	23.3	93	65.8	65.8	53	108.2	108.2	13	150.6	150.6
34	24.0	24.0	94	66.5	66.5	54	108.9	108.9	14	151.3	151.3
35	24.7	24.7	95	67.2	67.2	55	109.6	109.6	15	152.0	152.0
36	25.5	25.5	96	67.9	67.9	56	110.3	110.3	16	152.7	152.7
37	26.2	26.2	97	68.6	68.6	57	111.0	111.0	17	153.4	153.4
38	26.9	26.9	98	69.3	69.3	58	111.7	111.7	18	154.1	154.1
39	27.6	27.6	99	70.0	70.0	59	112.4	112.4	19	154.8	154.8
40	28.3	28.3	100	70.7	70.7	60	113.1	113.1	20	155.6	155.6
41	29.0	29.0	101	71.4	71.4	161	113.8	113.8	221	156.3	156.3
42	29.7	29.7	02	72.1	72.1	62	114.5	114.5	22	157.0	157.0
43	30.4	30.4	03	72.8	72.8	63	115.3	115.3	23	157.7	157.7
44	31.1	31.1	04	73.5	73.5	64	116.0	116.0	24	158.4	158.4
45	31.8	31.8	05	74.2	74.2	65	116.7	116.7	25	159.1	159.1
46	32.5	32.5	06	74.9	74.9	66	117.4	117.4	26	159.8	159.8
47	33.2	33.2	07	75.7	75.7	67	118.1	118.1	27	160.5	160.5
48	33.9	33.9	08	76.4	76.4	68	118.8	118.8	28	161.2	161.2
49	34.6	34.6	09	77.1	77.1	69	119.5	119.5	29	161.9	161.9
50	35.4	35.4	10	77.8	77.8	70	120.2	120.2	30	162.6	162.6
51	36.1	35.1	111	78.5	78.5	171	120.9	120.9	231	163.3	163.3
52	36.8	36.8	12	79.2	79.2	72	121.6	121.6	32	164.0	164.0
53	37.5	37.5	13	79.9	79.9	73	122.3	122.3	33	164.7	164.7
54	38.2	38.2	14	80.6	80.6	74	123.0	123.0	34	165.5	165.5
55	38.9	38.9	15	81.3	81.3	75	123.7	123.7	35	166.2	166.2
56	39.6	39.6	16	82.0	82.0	76	124.4	124.4	36	166.9	166.9
57	40.3	40.3	17	82.7	82.7	77	125.2	125.2	37	167.6	167.6
58	41.0	41.0	18	83.4	83.4	78	125.9	125.9	38	168.3	168.3
59	41.7	41.7	19	84.1	84.1	79	126.6	126.6	39	169.0	169.0
60	42.4	42.4	20	84.8	84.8	80	127.3	127.3	40	169.7	169.7
Dist	Abw.	Br.	Dist	Abw.	Br.	Dist	Abw.	Br.	Dist	Abw.	Br.

M. u. S.	Logarith. der Halbv. Zeit.	Mittelzeit.	Steigung.
0. 4	353627	176476	—237358
8	323524	206579	—177152
12	305915	224188	—141934
16	293421	236682	—116946
20	283730	246373	—097564
25	274039	256064	—078122
30	266121	263982	—062346
35	259427	270676	—048956
40	253627	276476	—037358
45	248512	281591	—027127
50	243936	286167	—017976
55	239797	290306	—009697
1. 0	236018	294085	—002140
5	232542	297561	+004813
10	229323	300780	011252
15	226327	303776	017242
20	223525	306578	022848
25	220892	309211	028114
30	218409	311694	033079
35	216061	314042	037775
40	213834	316269	042230
45	211715	318388	046468
50	209695	320408	050509
55	207764	322339	054370
2. 0	205916	324187	058066
10	202440	327663	065019
20	199221	330882	071455
30	196225	333878	077448
40	193422	336681	083054
50	190790	339313	088319
3. 0	188307	341769	093284
10	185959	344144	097980
20	183731	346372	102435
30	181613	348490	106673
40	179593	350510	110714
50	177663	352440	114575
4. 0	175814	354289	118271
15	173182	356921	123537
30	170700	359403	128502
45	168352	361751	133198

Min.	Halbv. Zeit.	Mittelzeit.	Steigung.
0	....	....	....
.	266121	263982	÷062346
1	236018	294085	—002140
.	218409	311694	+033079
2	205916	324187	058066
.	196225	333878	077448
3	188307	341796	093284
.	181613	348490	106673
4	175814	354289	118271
.	170700	359403	128502
5	166125	363978	137653
.	161986	368117	145931
6	158208	371895	153488
.	154733	375370	160420
7	151515	378588	166877
.	148520	381583	172869
8	145718	384385	178474
.	143086	387017	183739
9	140605	389498	188703
.	138258	391845	193399
10	136032	394071	197854
.	133915	396188	202091
11	131896	398207	206131
.	129967	400136	209991
12	128120	401983	213687
.	126349	403754	217232
13	124647	405456	220638
.	123010	407093	223915
14	121432	408671	227073
.	119910	410193	230120
15	118440	411663	233063
.	117018	413085	235910
16	115642	414461	238667
.	114307	415796	241338
17	113013	417090	243930
.	111757	418346	246447
18	110536	419567	248893
.	109348	420755	251271
19	108193	421910	253586
.	107067	423036	255841
20	105970	424133	258039
.	104901	425202	260182
21	103857	426246	262274
.	102838	427265	264316
22	101843	428260	266312
.	100870	429233	268262
23	099918	430185	270170
.	098988	431115	272036
24	098077	432026	273863
.	097184	432919	275652
25	096310	433793	277405
.	095454	434649	279124
26	094614	435489	280809
.	093790	436313	282461
27	092982	437121	284083
.	092189	437914	285675
28	091411	438692	287238
.	090646	439457	288773
29	089894	440209	290282
.	089156	440947	291765

Min.	Halbv. Zeit.	Mittelzeit.	Steigung
30	088430	441673	293223
.	087717	442386	294656
31	087015	443088	296067
.	086324	443799	297454
32	085644	444459	298820
.	084976	445127	300164
33	084317	445786	301488
.	083669	446434	302792
34	083030	447073	304077
.	082400	447703	305342
35	081780	448323	306590
.	081169	448934	307819
36	080567	449536	309032
.	079973	450130	310227
37	079387	450716	311406
.	078809	451294	312570
38	078239	451864	313718
.	077677	452426	314850
39	077122	452981	315969
.	076574	453529	317072
40	076033	454070	318162
.	075499	454604	319238
41	074972	455131	320301
.	074451	455652	321351
42	073937	456166	322389
.	073429	456674	323414
43	072927	457170	324427
.	072430	457673	325428
44	071940	458163	226418
.	071455	458648	327396
45	070976	459127	328363
.	070503	459600	329320
46	070034	460069	330266
.	069571	460532	331202
47	069113	460990	332128
.	068660	461443	333044
48	068212	461891	333950
.	067769	462334	334847
49	067330	462773	335734
.	066896	463207	336613
50	066466	463637	337482
.	066041	464062	338343
51	065620	464483	339195
.	065201	464899	340039
52	064791	465312	340875
.	064383	465720	341702
53	063978	466125	342522
.	063578	466525	343334
54	063181	466922	344138
.	062789	467314	344935
55	062400	467703	345724
.	062014	468089	346507
56	061632	468471	347282
.	061254	468849	348050
57	060879	469224	348811
.	060508	469595	349566
58	060140	469963	350314
.	059775	470328	351056
59	059414	470689	351791
.	059056	471047	352520

Min.	Halbv. Zeit.	Mittelzeit.	Steigung
0	058700	471403	353243
.	058348	471755	353959
1	057999	472104	354670
.	057653	472450	355375
2	057310	472793	356074
.	056970	473133	356767
3	056633	473470	357455
.	056298	473805	358137
4	055966	474137	358814
.	055637	474466	359486
5	055311	474792	360152
.	054987	475116	360813
6	054666	475437	361469
.	054347	475756	362120
7	054031	476072	362766
.	053718	476385	363407
8	053406	476697	364043
.	053098	477005	364675
9	052791	477312	365302
.	052487	477616	365924
10	052186	477917	366542
.	051886	478217	367156
11	051589	478514	367765
.	051294	478809	368369
12	051002	479101	368969
.	050711	479392	309566
13	050423	479680	370158
.	050137	479966	370745
14	049852	480251	371329
.	049570	480533	371909
15	049290	480813	372485
.	049012	481091	373057
16	048736	481367	373625
.	048462	481641	374189
17	048189	481914	374750
.	047919	482184	375307
18	047650	482453	375860
.	047384	482719	376409
19	047119	482984	376955
.	046856	483247	377498
20	046595	483508	378037
.	046335	483768	378573
21	046078	484025	379105
.	045822	484281	379634
22	045567	484536	380159
.	045315	484788	380682
23	045064	485039	381201
.	044815	485288	381717
24	044567	485536	382230
.	044321	485782	382739
25	044077	486026	383246
.	043834	486269	383749
26	043592	486511	384250
.	043353	486750	384748
27	043114	486989	385242
.	042878	487225	385734
28	042642	487461	386223
.	042409	487694	386709
29	042176	487927	387192
.	041945	488158	387672

Min.	Halbv. Zeit.	Mittelzeit.	Steigung.
30	041716	488387	388150
.	041488	488615	388625
31	041261	488842	389097
.	041036	489067	389567
32	040812	489291	390034
.	040509	489513	390498
33	040368	489735	390960
.	040149	489954	391420
34	039930	490173	391876
.	039713	490390	392331
35	039497	490606	392782
.	039282	490821	393232
36	039069	491034	393679
.	038856	491247	394123
37	038646	491457	394566
.	038436	491667	395005
38	038227	491876	395443
.	038020	492083	395878
39	037814	492289	396311
.	037609	492494	396742
40	037405	492698	397170
.	037203	492900	397597
41	037001	493102	398021
.	036801	493302	398443
42	036602	493501	398862
.	036403	493700	399280
43	036206	493897	399696
.	036011	494092	400109
44	035816	494287	400521
.	035622	494481	400930
45	035429	494674	401337
.	035238	494865	401743
46	035047	495056	402146
.	034858	495245	402547
47	034669	495434	402947
.	034482	495621	403344
48	034295	495808	403740
.	034110	495993	404134
49	033925	496178	404526
.	033742	496361	404916
50	033559	496544	405304
.	033378	496725	405690
51	033197	496906	406074
.	033018	497085	406457
52	032839	497264	406838
.	032661	497442	407217
53	032485	497618	407595
.	032309	497794	407970
54	032134	497969	408344
.	031960	498143	408716
55	031787	498316	409087
.	031614	498489	409456
56	031443	498660	409823
.	031272	498831	410188
57	031103	499000	410552
.	030934	499169	410915
58	030766	499337	411275
.	030599	499504	411634
59	030488	499670	411992
.	030268	499835	412348

Min.	Halbv. Zeit.	Mittelzeit.	Steigung.
0	030103	500000	412702
.	029939	500164	413055
1	029776	500327	413406
.	029614	500489	413756
2	029453	500650	414104
.	029293	500810	414451
3	029133	500970	414797
.	028974	501129	415140
4	028816	501287	415483
.	028659	501444	415824
5	028502	501601	416163
.	028346	501757	416501
6	028191	501912	416838
.	028037	502066	417173
7	027884	502219	417507
.	027731	502372	417839
8	027579	502524	418171
.	027428	502675	418500
9	027277	502826	418829
.	027127	502976	419156
10	026978	503125	419482
.	026830	503273	419806
11	026682	503421	420129
.	026535	503568	420451
12	026389	503714	420771
.	026244	503859	421091
13	026099	504004	421409
.	025955	504148	421725
14	025811	504292	422041
.	025668	504435	422355
15	025526	504577	422668
.	025385	504718	422980
16	025244	504859	423290
.	025104	504999	423599
17	024964	505139	423907
.	024825	505278	424214
18	024687	505416	424520
.	024550	505553	424825
19	024413	505690	425128
.	024277	505826	425430
20	024141	505962	425731
.	024006	506097	426031
21	023871	506232	426330
.	023738	506365	426628
22	023605	506498	426924
.	023472	506631	427220
23	023340	506763	427514
.	023209	506894	427807
24	023078	507025	428099
.	022948	507155	428391
25	022819	507284	428681
.	022690	507413	428969
26	022561	507542	429257
.	022433	507670	429544
27	022306	507797	429830
.	022180	507923	430115
28	022054	508049	430398
.	021928	508175	430681
29	021803	508300	430963
.	021679	508424	431243

Min.	Halbv. Zeit.	Mittelzeit.	Steigung.
30	021555	508548	431523
.	021432	508671	431801
31	021309	508794	432079
.	021187	508916	432355
32	021066	509037	432631
.	020945	509158	432906
33	020824	509279	433180
.	020704	509399	433452
34	020585	509518	433724
.	020466	509637	433995
35	020348	509755	434265
.	020230	509873	434534
36	020113	509990	434802
.	019996	510107	435069
37	019880	510223	435335
.	019764	510339	435600
38	019649	510454	435865
.	019534	510569	436128
39	019420	510683	436391
.	019306	510797	436652
40	019193	510910	436913
.	019080	511023	437173
41	018968	511135	437432
.	018857	511246	437690
42	018746	511357	437948
.	018635	511468	438204
43	018525	511578	438460
.	018415	511688	438714
44	018306	511797	438968
.	018197	511906	439221
45	018089	512014	439473
.	017981	512122	439724
46	017874	512229	439975
.	017767	512336	440225
47	017660	512443	440474
.	017554	512549	440722
48	017449	512654	440969
.	017344	512759	441215
49	017239	512864	441461
.	017135	512968	441706
50	017031	513072	441950
.	016928	513175	442193
51	016826	513277	442435
.	016724	513379	442677
52	016622	513481	442918
.	016520	513583	443158
53	016419	513684	443398
.	016319	513784	443636
54	016219	513884	443874
.	016119	513984	444111
55	016020	514083	444348
.	015921	514182	444583
56	015823	514280	444818
.	015725	514378	445052
57	015627	514476	445286
.	015530	514573	445518
58	015434	514669	445750
.	015338	514765	445981
59	015242	514861	446212
.	015146	513957	446442

Min.	Halbv. Zeit.	Mittelzeit.	Steigung.
0	015051	515052	446671
.	014957	515146	446899
1	014863	515240	447127
.	014769	515334	447354
2	014676	515427	447580
.	014583	515520	447806
3	014490	515613	448031
.	014398	515705	448255
4	014306	515797	448479
.	014215	515888	448702
5	014124	515979	448924
.	014034	516069	449145
6	013944	516159	449366
.	013854	516249	449586
7	013765	516338	449806
.	013676	516427	450025
8	013587	516516	450243
.	013499	516604	450460
9	013411	516692	450677
.	013324	516779	450893
10	013237	516866	451109
.	013150	516953	451324
11	013064	517039	451539
.	012978	517125	431753
12	012893	517210	451966
.	012808	517295	452178
13	012723	517380	452390
.	012638	517465	452601
14	012554	517549	452812
.	012470	517633	453022
15	012387	517716	453231
.	012304	517799	453440
16	012222	517881	453648
.	012140	517963	453856
17	012058	518045	454063
.	011977	518126	454269
18	011896	518207	454475
.	011815	518288	454680
19	011734	518369	454885
.	011654	518449	455089
20	011574	518529	455293
.	011495	518608	455496
21	011416	518687	455698
.	011337	518766	455900
22	011259	518844	456101
.	011181	518922	456301
23	011104	518999	456501
.	011027	519076	456701
24	010950	519153	456900
.	010873	519230	457098
25	010797	519306	457296
.	010721	519382	457494
26	010645	519458	457690
.	010570	519533	457886
27	010495	519608	458082
.	010421	519682	458277
28	010347	519756	458471
.	010273	519830	458665
29	010199	519904	458859
.	010126	519977	459052

Min.	Halbv. Zeit.	Mittelzeit.	Steigung.
30	010053	520050	459244
.	009981	520122	459436
31	009609	520194	459627
.	009837	520266	459818
32	009765	520338	460008
.	009694	520409	460198
33	009623	520480	460388
.	009552	520551	460577
34	009482	520621	460765
.	009412	520691	460952
35	009342	520761	461139
.	009273	520830	461326
36	009204	520899	461512
.	009135	520968	461698
37	009067	521036	461883
.	008999	521104	462068
38	008931	521172	462252
.	008864	521239	462436
39	008797	521306	462619
.	008730	521373	462802
40	008664	521439	462984
.	008598	521505	463166
41	008532	521571	463347
.	008466	521637	463528
42	008401	521702	463708
.	008336	521767	463888
43	008271	521832	464067
.	008207	521896	464246
44	008143	521960	464425
.	008079	522024	464603
45	008015	522088	464780
.	007952	522151	464957
46	007889	522214	465134
.	007827	522276	465310
47	007765	522338	465486
.	007703	522400	465661
48	007641	522462	465836
.	007579	522524	466010
49	007518	522585	466184
.	007457	522646	466357
50	007397	522706	466530
.	007337	522766	466702
51	007277	522826	466874
.	007217	522886	467046
52	007158	522945	467217
.	007099	523004	467388
53	007040	523063	467558
.	006981	523122	467728
54	006923	523180	467897
.	006865	523238	468066
55	006808	523295	468235
.	006751	523352	468403
56	006694	523409	468571
.	006637	523466	468738
57	006580	523523	468905
.	006524	523579	469071
58	006468	523635	469237
.	006412	523691	469403
59	006357	523746	469568
.	006302	523801	469733

Min.	Halbv. Zeit.	Mittelzeit.	Steigung.
0	006247	523856	469897
.	006192	523911	470061
1	006138	523965	470224
.	006084	524019	470387
2	006030	524073	470550
.	005977	524126	470712
3	005924	524179	470874
.	005871	524232	471036
4	005818	524285	471197
.	005766	524337	471358
5	005714	524389	471518
.	005662	524441	471678
6	005610	524493	471837
.	005559	524544	471996
7	005508	524595	472155
.	005457	524646	472313
8	005406	524697	472471
.	005356	524747	472628
9	005306	524797	472785
.	005256	524847	472942
10	005207	524896	473098
.	005158	524945	473254
11	005109	524994	473410
.	005060	525043	473565
12	005012	525091	473720
.	004964	525139	473874
13	004916	525187	474028
.	004868	525235	474182
14	004821	525282	474335
.	004774	525329	474488
15	004727	525376	474671
.	004680	525423	474793
16	004634	525469	474945
.	004588	525515	475096
17	004542	525561	475247
.	004496	525607	475398
18	004451	525652	475549
.	004406	525697	475699
19	004361	525742	475848
.	004316	525787	475997
20	004272	525831	476146
.	004228	525875	476295
21	004184	525919	476443
.	004141	525962	476591
22	004098	526005	476738
.	004055	526048	476885
23	004012	526091	477032
.	003969	526134	477179
24	003927	526176	477325
.	003885	526218	477471
25	003843	526260	477616
.	003801	526302	477761
26	003760	526343	477906
.	003719	526384	478050
27	003678	526425	478194
.	003637	526466	478338
28	003597	526506	478481
.	003557	526546	478624
29	003517	526586	478767
.	003477	526626	478909

Min.	Halbb. Zeit.	Mittelzeit.	Steigung.
30	003438	526665	479051
.	003399	526704	479193
31	003360	526743	479334
.	003321	526782	479475
32	003283	526820	479616
.	003245	526858	479756
33	003207	526896	479896
.	003169	526934	480036
34	003132	526971	480175
.	003095	527008	480314
35	003058	527045	480453
.	003021	527082	480591
36	002985	527118	480729
.	002949	527154	480867
37	002913	527190	481004
.	002877	527226	481141
38	002841	527262	481278
.	002806	527297	481414
39	002771	527332	481550
.	002736	527367	481686
40	002701	527402	481821
.	002667	527436	481956
41	002633	527470	482091
.	002599	527504	482226
42	002565	527538	482360
.	002532	527571	482494
43	002499	527604	482628
.	002466	527637	482761
44	002433	527670	482894
.	002400	527703	483027
45	002368	527735	483159
.	002336	527767	483291
46	002304	527799	483423
.	002272	527831	483554
47	002241	527862	483685
.	002210	527893	483816
48	002179	527924	483947
.	002148	527955	484077
49	002118	527985	484207
.	002088	528015	484337
50	002058	528045	484466
.	002028	528075	484595
51	001998	528105	484724
.	001969	528134	484853
52	001940	528163	484981
.	001911	528192	485109
53	001882	528221	485236
.	001854	528249	485363
54	001826	528277	485490
.	001798	528305	485617
55	001770	528333	485744
.	001743	528360	485870
56	001716	528387	485996
.	001689	528414	486121
57	001662	528441	486246
.	001635	528468	486371
58	001609	528494	486496
.	001583	528520	486621
59	001557	528546	486745
.	001531	528572	486869

Tab. Q. Parallaxe der Sonne bey ihrer Höhe.

Grade der Höhe.	Sec.
von 1 bis 10°	9
— 30	8
— 40	7
— 50	6
— 60	5
— 70	4
— 75	3
— 80	2
— 85	1
— 90	0

Tab. R. Vergrößerung des Mondes Halbmesser bey seiner Höhe.

Grade der Höhe.	Sec.	Grade der Höhe	Sec.
von 1 bis 5°	1	von 40 — 45	1
— 10	2	— 50	12
— 13	3	— 55	13
— 16	4	— 60	14
— 20	5	— 70	15
— 25	6	— 80	16
— 30	7	— 90	16
— 34	8		
— 37	9		
— 40	10		

Tab. S. Die Parallaxe ÷ Refract. des Mondes in Höhe über dem Horizont.

Hor Par.	3°	4°	5°	6°	7°	8°	9°	10°	11°
M.	M. S.	M. S.	M. S.	M. S.	M. S.	M. S.	M. S.	M. S.	M. S.
53	28. 20	41. 1	42. 54	44 15	45. 16	46. 0	46. 32	46. 57	47. 15
.	38. 50	41 31	43. 24	44. 45	45. 46	46. 30	47. 2	47. 26	47. 45
54	39. 20	42. 1	43. 53	45. 14	46. 15	46. 59	47. 32	47. 56	48. 14
.	39. 50	42. 31	44. 23	45. 44	46. 45	47. 29	48. 1	48. 26	48. 43
55	40. 20	43. 1	44. 53	46. 14	47. 15	47. 58	48. 31	48. 55	49. 13
.	40. 50	43. 31	45. 23	46. 44	47. 45	48. 28	49. 0	49. 25	49. 42
56	41. 20	44. 1	45. 53	47. 14	48. 14	48. 58	49. 30	49. 54	50. 12
.	41. 50	44. 31	46. 23	47. 44	48. 44	49. 27	49. 59	50. 24	50. 41
57	42. 20	45. 1	46. 53	48. 13	49. 14	49. 57	50. 29	50. 53	51. 11
.	42. 50	45. 31	47. 23	48. 43	49. 44	50. 27	50. 59	51. 23	51. 40
58	43. 20	46. 0	47. 52	49. 13	50. 14	50. 57	51. 29	51. 52	52. 9
.	43. 50	46. 30	48. 22	49. 43	50. 43	51. 26	51. 58	52. 22	52. 39
59	44. 20	47. 0	48. 52	50. 13	51. 13	51. 56	52 28	52. 51	53. 8
.	44. 50	47. 30	49. 22	50 43	51. 43	52. 26	52. 58	53. 21	53. 38
60	45. 19	48. 0	49. 52	51. 12	52. 13	52. 56	53. 27	53. 50	54. 7
.	45. 49	48. 30	50. 22	51. 42	52. 43	53. 25	53. 57	54. 20	54. 37
61	46. 19	49. 0	50. 52	52. 12	53. 12	53. 55	54. 26	54. 50	55. 6
.	46. 49	49. 30	51. 22	52. 42	53. 42	54. 24	54. 56	55. 19	55. 36
62	47. 19	50. 0	51. 52	53. 12	54. 12	54. 54	55. 26	55. 49	56. 5

Hor. Par.	12°	13°	14°	15°	16°	17°	18°	19°	20°
M.	M. S.	M. S.	M. S.	M. S.	M. S.	M. S.	M. S.	M. S.	M. S.
53	47. 27	47. 36	47. 40	47. 42	47. 40	47. 36	47. 31	47. 23	47. 13
.	47. 56	48. 4	48. 9	48. 11	48. 9	48. 5	48. 0	47. 52	47. 41
54	48. 26	48. 34	48. 38	48. 40	48. 38	48. 34	48. 28	48. 20	48. 9
.	48. 55	49. 3	49. 7	49. 9	49. 6	49. 2	48. 57	48. 48	48. 38
55	49. 25	49. 32	49. 36	49. 38	49. 35	49. 31	49. 25	49. 16	49. 6
.	49. 54	50. 1	50. 5	50. 7	50. 4	50. 0	49. 54	49. 44	49. 34
56	50. 23	50. 31	50. 35	50. 36	50. 33	50. 29	50. 22	50. 13	50. 2
.	50. 53	51. 0	51. 4	51. 5	51. 2	50. 57	50. 51	50. 41	50. 31
57	51. 22	51. 29	51. 33	51. 34	51. 31	51. 26	51. 19	51. 10	50. 59
.	51. 51	51. 59	52. 2	52. 2	51. 59	51. 54	51. 48	51. 38	51. 27
58	52. 20	52. 28	52. 31	52. 31	52. 28	52. 23	52. 16	52. 6	51. 55
.	52. 50	52. 57	53. 0	52. 58	52. 57	52. 52	52. 45	52. 35	52. 23
59	53. 19	53. 26	53. 29	53. 28	53. 26	53. 21	53. 13	53. 3	52. 51
.	53. 49	53. 56	53. 58	53. 58	53. 55	53. 50	53. 42	53. 32	53. 20
60	54. 18	54. 25	54. 28	54. 27	54. 24	54. 18	54. 10	54. 0	53. 48
.	54. 47	54. 54	54. 57	54. 56	54. 53	54. 47	54. 39	54. 28	54. 16
61	55. 17	55. 23	55. 26	55. 25	55. 21	55. 16	55. 7	54. 57	54. 44
.	55. 46	55. 53	55. 55	55. 54	55. 50	55. 45	55. 36	55. 25	55. 12
62	56. 16	56. 22	56. 24	56. 23	56. 19	56. 13	56. 4	55. 53	55. 40

Hor. Par.	21°	22°	23°	24°	25°	26°	27°	28°	29°
M.	M. S.	M. S.	M. S.	M. S.	M. S.	M. S.	M. S.	M. S.	M. S.
53	47. 2	46. 48	46. 33	46. 18	46. 0	45. 42	45. 22	45. 1	44. 39
.	47. 30	47. 16	47. 1	46. 44	46. 27	46. 0	45. 49	45. 27	45. 5
54	47. 58	47. 44	47. 29	47. 12	46 55	46. 36	46. 16	45. 54	45. 31
.	48. 26	48. 12	47. 57	47. 40	47. 22	47. 3	46. 42	46. 21	45. 57
55	48. 54	48. 39	48. 24	48. 7	47. 49	47. 30	47. 9	46. 47	46. 24
.	49. 22	49. 7	48. 52	48. 35	48. 17	47. 57	47. 36	47. 13	46. 50
56	49. 50	49. 35	49. 19	49. 2	48. 44	48. 24	48. 3	47. 40	47. 16
.	50 18	50. 3	49. 47	49. 29	49. 11	48. 51	48. 29	48. 7	47. 42
57	50. 46	50. 31	50. 14	49. 57	49. 38	49. 18	48. 56	48. 33	48. 9
.	51. 14	50. 59	50. 42	50. 24	50. 5	49. 45	49. 23	49. 0	48. 35
58	51. 42	51. 26	51. 10	50. 51	50. 32	50. 12	49. 49	49. 26	49. 1
.	52. 10	51. 54	51. 37	51. 19	50. 59	50. 39	50. 16	49. 53	49. 27
59	52. 38	52. 22	52. 5	51. 47	51. 27	51. 5	50. 43	50. 19	49. 54
.	53. 6	52. 50	52. 32	52. 14	51. 54	51. 32	51. 9	50. 46	50. 20
60	53. 34	53. 18	53. 0	52. 41	52. 21	51. 59	51. 36	51. 12	50. 46
.	54. 2	53. 45	53. 27	53. 9	52. 48	52. 26	52. 3	51. 39	51. 12
61	54. 31	54. 13	53. 55	53. 36	53. 15	52. 53	52. 30	52. 5	51. 39
.	54. 58	54. 41	54. 23	54. 4	53. 43	53. 20	52. 56	52. 32	52. 5
62	55. 26	55. 9	54. 51	54. 31	54. 10	53. 47	53. 23	52. 58	52. 31

Hor. Par.	30°	31°	32°	33°	34°	35°	36°	37°	38°
M.	M. S.	M. S.	M. S.	M. S.	M. S.	M. S.	M. S.	M. S.	M. S.
53	44. 15	43. 51	43. 26	42. 59	42. 32	42. 3	41. 34	41. 4	40. 33
.	44. 41	44. 17	43. 51	43. 24	42. 57	42. 28	41. 59	41. 28	40. 56
54	45. 7	44. 43	44. 16	43. 50	43. 22	42. 53	42. 23	41. 52	41. 20
.	45. 33	45. 8	44. 42	44. 15	43. 47	43. 18	42. 48	42. 16	41. 43
55	45. 59	45. 34	45. 7	44. 40	44. 11	43. 42	43. 12	42. 40	42. 7
.	46. 25	46. 0	45. 33	45. 5	44. 36	44. 6	43. 36	43. 4	42. 31
56	46. 51	46. 25	45. 58	45. 30	45. 1	44. 31	44. 0	43. 28	42. 55
.	47. 17	46. 51	46. 23	45. 55	45. 26	44. 55	44. 24	43. 52	43. 18
57	47. 43	47. 17	46. 49	46. 21	45. 51	45. 20	44. 48	44. 16	43. 42
.	48. 9	47. 43	47. 14	46. 46	46. 16	45. 45	45. 13	44. 40	44. 5
58	48. 35	48. 8	47. 40	47. 11	46. 41	46. 9	45. 37	45. 3	44. 29
.	49. 1	48. 34	48. 5	47. 36	47. 6	46. 33	46. 1	45. 27	44. 53
59	49. 27	49. 0	48. 31	48. 1	47. 30	46. 58	46. 25	45. 51	45. 16
.	49. 53	49. 26	48. 56	48. 27	47. 55	47. 23	46. 50	46. 15	45. 40
60	50. 19	49. 51	49. 22	48. 52	48. 20	47. 47	47. 14	46. 39	46. 4
.	50. 45	50. 17	49. 47	49. 17	48. 45	48. 12	47. 33	47. 3	46. 27
61	51. 11	50. 43	50. 13	49. 42	49. 10	48. 37	48. 2	47. 27	46. 51
.	51. 37	51. 8	50. 38	50. 7	49. 35	49. 1	48. 27	47. 51	47. 15
62	52. 3	51. 34	51. 4	50. 32	50. 0	49. 26	48. 51	48. 15	47. 39

Hor. Par.	39°	40°	41°	42°	43°	44°	45°	46°	47°
M.	M. S.	M. S.	M. S.	M. S.	M. S.	M. S.	M. S.	M. S.	M. S.
53	40. 1	39. 28	38. 54	38. 20	37. 44	37. 8	36. 32	35. 54	35. 16
.	40. 24	39. 51	39. 17	38. 42	38. 6	37. 30	36. 53	36. 15	35. 36
54	40. 47	40. 14	39. 40	39. 4	38. 28	37. 52	37. 14	36. 35	35. 56
.	41. 10	40. 37	40. 2	39. 27	38. 50	38. 13	37. 35	36. 56	36. 17
55	41. 34	41. 0	40. 25	39. 49	39. 12	38. 35	37. 56	37. 17	36. 37
.	41. 57	41. 23	40. 47	40. 12	39. 34	38. 56	38. 18	37. 38	36. 58
56	42. 21	41. 46	41. 10	40. 34	39. 56	39. 18	38. 39	37. 59	37. 18
.	42. 44	42. 9	41. 33	40. 56	40. 18	39. 40	39. 0	38. 20	37. 39
57	43. 7	42. 32	41. 56	41. 18	40. 40	40. 1	39. 21	38. 41	37. 59
.	43. 31	42. 55	42. 19	41. 40	41. 2	40. 23	39. 43	39. 1	38. 20
58	43. 54	43. 18	42. 41	42. 3	41. 24	40. 44	40. 4	39. 22	38. 40
.	44. 17	43. 41	43. 4	42. 25	41. 46	41. 6	40. 25	39. 43	39. 1
59	44. 41	44. 4	43. 26	42. 47	42. 8	41. 27	40. 46	40. 4	39. 21
.	45. 4	44. 27	43. 49	43. 9	42. 30	41. 49	41. 8	40. 25	39. 42
60	45. 27	44. 50	44. 11	43. 32	42. 52	42. 11	41. 29	40. 46	40. 2
.	45. 51	45. 13	44. 35	43. 54	43. 14	42. 32	41. 50	41. 6	40. 23
61	46. 14	45. 36	44. 57	44. 17	43. 36	42. 54	42. 11	41. 27	40. 43
.	46. 38	45. 59	45. 19	44. 39	43. 58	43. 15	42. 32	41. 48	41. 4
62	47. 1	46. 22	45. 42	45. 1	44. 20	43. 37	42. 53	42. 9	41. 24

Hor. Par.	48°	49°	50°	51°	52°	53°	54°	55°	56°
M.	M. S.	M. S.	M. S.	M. S.	M. S.	M. S.	M. S.	M. S.	M. S.
53	34. 37	33. 57	33. 16	32. 35	31. 54	31. 11	30. 28	29. 44	29. 0
.	34. 56	34. 17	33. 35	32. 54	32. 12	31. 29	30. 46	30. 1	29. 17
54	35. 17	34. 36	33. 55	33. 13	32. 30	31. 47	31. 3	30. 19	29. 33
.	35. 37	34. 56	34. 14	33. 32	32. 49	32. 5	31. 21	30. 36	29. 50
55	35. 50	35. 16	34. 34	33. 51	33. 7	32. 23	31. 39	30. 53	30. 7
.	36. 17	35. 35	34. 53	34. 10	33. 26	32. 41	31. 56	31. 10	30. 24
56	36. 37	35. 55	35. 12	34. 29	33. 44	32. 59	32. 14	31. 28	30. 41
.	36. 57	36. 14	35. 31	34. 48	34. 3	33. 18	32. 31	31. 45	30. 57
57	37. 17	36. 34	35. 51	35. 6	34. 21	33. 36	32. 49	32. 2	31. 14
.	37. 37	36. 54	36. 10	35. 25	34. 40	33. 54	33. 7	32. 19	31. 31
58	37. 57	37. 14	36. 29	35. 44	34. 58	34. 12	33. 24	32. 36	31. 48
.	38. 17	37. 33	36. 48	36. 3	35. 17	34. 30	33. 42	32. 53	32. 4
59	38. 37	37. 53	37. 8	36. 22	35. 35	34. 48	34. 0	33. 11	32. 21
.	38. 57	38. 13	37. 27	36. 41	35. 54	35. 6	34. 17	33. 28	32. 38
60	39. 18	38. 32	37. 46	37. 0	36. 12	35. 24	34. 35	33. 45	32. 55
.	39. 38	38. 52	38. 6	37. 18	36. 31	35. 43	34. 52	34. 3	33. 11
61	39. 58	39. 12	38. 25	37. 37	36. 49	36. 0	35. 10	34. 20	33. 28
.	40. 18	39. 31	38. 44	37. 56	37. 8	36. 18	35. 27	34. 37	33. 45
62	40. 38	39. 51	39. 3	38. 15	37. 26	36. 36	35. 45	34. 54	34. 2

Hor. Par.	57°	58°	59°	60°	61°	62°	63°	64°	65°
M.	M. S.	M. S.	M. S.	M. S.	M. S.	M. S.	M. S.	M. S.	M. S.
53	28. 15	27. 30	26. 44	25. 57	25. 10	24. 22	23. 35	22 46	21. 57
.	28. 31	27. 46	26. 59	26. 12	25. 25	24. 36	23. 48	22. 59	22. 10
54	28. 48	28. 1	27. 14	26. 27	25. 39	24. 51	24. 2	23. 12	22. 23
.	29. 4	28. 17	27. 30	26. 42	25. 55	25. 5	24. 13	23. 26	22. 36
55	29. 20	28. 33	27. 45	26. 57	26. 8	25. 19	24. 29	23. 39	22. 48
.	29. 36	28. 49	28. 1	27. 12	26. 23	25. 32	24. 42	23. 52	23. 1
56	29. 53	29. 5	28. 16	27. 27	26. 37	25. 47	24. 56	24. 5	23. 13
.	30. 9	29. 21	28. 32	27. 42	26. 52	26. 1	25. 9	24. 18	23. 26
57	30. 26	29. 37	28. 47	27. 57	27. 6	26. 15	25. 23	24. 31	23. 39
.	30. 42	29. 53	29. 3	28. 12	27. 21	26. 29	25. 37	24. 44	23. 52
58	30. 58	30. 9	29. 18	28. 27	27. 35	26. 43	25. 51	24. 58	24. 4
.	31. 15	30. 24	29. 34	28. 42	27. 50	26. 57	26. 4	25. 11	24. 17
59	31. 31	30. 40	29. 49	28. 57	28. 4	27. 11	26. 18	25. 24	24. 30
.	31. 48	30. 56	30. 5	29. 12	28. 19	27. 25	26. 31	25. 37	24. 42
60	32. 4	31. 12	30. 20	29. 27	28. 34	27. 40	26. 45	25. 50	24. 55
.	32. 20	31. 28	30. 36	29. 42	28. 49	27. 54	26. 58	26. 3	25. 8
61	32. 36	31. 44	30. 51	29. 57	29. 3	28. 8	27. 12	26. 17	25. 20
.	32. 53	32. 0	31. 7	30. 12	29. 18	28. 22	27. 26	26. 30	25. 33
62	33. 9	32. 16	31. 22	30. 27	29. 32	28. 36	27. 40	26. 43	25. 46

Hor. Par.	66°	67°	68°	69°	70°	71°	72°	73°	74°
M.	M. S.	M. S.	M. S.	M. S.	M. S.	M. S.	M. S.	M. S.	M. S.
53	21. 8	20. 18	19. 28	18. 38	17. 47	16. 56	16. 4	15. 12	14. 20
.	21. 20	20. 30	19. 39	18. 48	17. 57	17. 6	16. 13	15. 21	14. 28
54	21. 32	20. 42	19. 51	18. 59	18. 7	17. 15	16. 23	15. 30	14. 37
.	21. 45	20. 53	20. 2	19. 10	18. 18	17. 25	16. 32	15. 38	14. 45
55	21. 57	21. 5	20. 13	19. 21	18. 28	17. 35	16. 41	15. 47	14. 53
.	22. 9	21. 17	20. 24	19. 31	18. 38	17. 44	16. 51	15. 56	15. 1
56	22. 21	21. 29	20. 36	19. 42	18. 49	17. 54	17. 0	16. 5	15. 10
.	22. 34	21. 40	20. 47	19. 53	18. 59	18. 4	17. 9	16. 14	15. 18
57	22. 46	21. 52	20. 58	20. 4	19. 9	18. 14	17. 18	16. 23	15. 26
.	22. 58	22. 4	21. 9	20. 15	19. 19	18. 24	17. 28	16. 32	15. 35
58	23. 10	22. 16	21. 21	20. 25	19. 30	18. 33	17. 37	16. 40	15. 43
.	23. 22	22. 27	21. 32	20. 36	19. 40	18. 43	17. 46	16. 49	15. 51
59	23. 34	22. 39	21. 43	20. 47	19. 50	18. 53	17. 55	16. 58	16. 0
.	23. 47	22. 51	21. 54	20. 57	20. 1	19. 3	18. 5	17. 6	16. 8
60	23. 59	23. 2	22. 6	21. 8	20. 11	19. 12	18. 14	17. 15	16. 16
.	24. 11	23. 14	22. 17	21. 19	20. 21	19. 22	18. 24	17. 24	16. 24
61	24. 23	23. 26	22. 28	21. 30	20. 31	19. 32	18. 33	17. 33	16. 33
.	24. 35	23. 37	22. 39	21. 40	20. 42	19. 42	18. 42	17. 41	16. 41
62	24. 48	23. 49	22. 51	21. 51	20. 52	19. 52	18. 51	17. 50	16. 49

Hor. Par.	75°	76°	77°	78°	79°	80°	81°	82°	83°
M.	M. S.	M. S.	M. S.	M. S.	M. S.	M. S.	M. S.	M. S.	M. S.
53	13. 28	12. 35	11. 42	10. 49	9. 55	9. 2	8. 8	7. 15	6. 21
.	13. 35	12. 42	11. 49	10. 55	10. 1	9. 7	8. 13	7. 19	6. 25
54	13. 43	12. 50	11. 56	11. 2	10. 7	9. 13	8. 18	7. 23	6. 28
.	13. 51	12. 57	12. 2	11. 8	10. 13	9. 18	8. 22	7. 28	6. 32
55	13. 59	13. 4	12. 9	11. 14	10. 19	9. 23	8. 27	7. 31	6. 35
.	14. 6	13. 11	12. 16	11. 21	10. 24	9. 28	8. 31	7. 36	6. 39
56	14. 14	13. 19	12. 23	11. 27	10. 30	9. 33	8. 37	7. 40	6. 42
.	14. 22	13. 26	12. 30	11. 33	10. 36	9. 38	8. 41	7. 44	6. 46
57	14. 30	13. 33	12. 36	11. 39	10. 42	9. 44	8. 46	7. 48	6. 50
.	14. 38	13. 41	12. 43	11. 45	10. 47	9. 49	8. 50	7. 52	6. 54
58	14. 46	13. 48	12. 50	11. 51	10. 53	9. 54	8. 55	7. 56	6. 57
.	14. 53	13. 55	12. 57	11. 58	10. 58	9. 59	8. 59	8. 0	7. 1
59	15. 1	14. 2	13. 3	12. 4	11. 4	10. 5	9. 5	8. 5	7. 4
.	15. 9	14. 10	13. 10	12. 10	11. 10	10. 10	9. 9	8. 9	7. 8
60	15. 17	14. 17	13. 17	12. 16	11. 16	10. 15	9. 14	8. 13	7. 12
.	15. 25	14. 24	13. 23	12. 23	11. 21	10. 20	9. 19	8. 17	7. 15
61	15. 32	14. 31	13. 30	12. 29	11. 27	10. 25	9. 24	8. 21	7. 19
.	15. 38	14. 39	13. 37	12. 35	11. 33	10. 31	9. 28	8. 25	7. 22
62	15. 48	14. 46	13. 44	12. 41	11. 39	10. 36	9. 33	8. 30	7. 26

Hor. Par.	84°	85°	86°	87°	88°	89°
M.	M. S.	M. S.	M. S.	M. S.	M. S.	M. S.
53	5. 26	4. 32	3. 38	2. 43	1. 49	0. 54
.	5. 29	4. 35	3. 40	2. 45	1. 50	0. 55
54	5. 33	4. 37	3. 42	2. 47	1. 51	0. 56
.	5. 36	4. 40	3. 44	2. 48	1. 52	0. 56
55	5. 39	4. 43	3. 46	2. 50	1. 53	0. 56
.	5. 42	4. 46	3. 48	2. 51	1. 54	0. 57
56	5. 45	4. 48	3. 50	2. 53	1. 55	0. 58
.	5. 48	4. 51	3. 52	2. 54	1. 56	0. 58
57	5. 51	4. 53	3. 55	2. 56	1. 57	0. 59
.	5. 55	4. 56	3. 57	2. 57	1. 58	0. 59
58	5. 58	4. 58	3. 59	2. 59	1. 59	1. 0
.	6. 1	5. 1	4. 1	3. 1	2. 1	1. 0
59	6. 4	5. 4	4. 3	3. 2	2. 2	1. 1
.	6. 7	5. 6	4. 5	3. 4	2. 3	1. 1
60	6. 10	5. 9	4. 7	3. 5	2. 4	1. 2
.	6. 14	5. 11	4. 9	3. 7	2. 5	1. 2
61	6. 17	5. 14	4. 11	3. 9	2. 6	1. 3
.	6. 20	5. 16	4. 13	3. 10	2. 7	1. 3
62	6. 23	5. 19	4. 15	3. 12	2. 8	1. 4

Gedruckt bey dem Hofbuchdrukker Hänel, zu Magdeburg.

Tab. A. Der höchsten Fluthzeit mit Neu- und Vollmond auch Breite und Pic. Länge der dem Seemanne merkwürdigsten Oerter.

Nordsee.	höchst. Fluth	Br. N.	Länge
Schagen	— —	57.38	26. 57
Ringkiöbing	— —	56.12	25. 0
Ripen	1.30	55.40	25. 36
Insel Föhr	1.30	54.40	25. 30
J. Heiligeland	1.30	54.12	25. 20
Hamburg	6.15	53.35	26. 26
Glückstadt	5. 0	— —	— —
Bremen	6. 0	53.30	25. 18
Emden	0.15	53.13	23. 52
An den Jütsch. Küsten, vor dem Hever, Eider, Elbe und Weser	12. 0		
Oster-Ems	10.30		
Wester-Ems	10. 0		
J. Ameland	9.15		
J. Vlie	9. 0		
J. Texel	7.30	53. 0	21. 20
Amsterdam	3. 0	52.23	21. 27
vor der Maas	2.15		
Brill, auf J. Goeren	1.30	51.55	20. 39
Vlissingen J.	1.30	51.23	20. 13
Ostende	0. 0	51.13	19. 38
Dünkirchen	0. 0	51. 5	19. 4
Zwischen die Hoofden und Maas	3.45		
Zwischen die Hoofden und Texel in die Hoofden	4.30		
Zwis. Calais u. Dover	3. 0		
der Fluthstrom fließet ostan			
der. Fluthstrom gehet Nord.			
Harwich in England	11.15	52. 0	17. 57
Nord-Voorland	10.30	51.25	18. 11
S. dito	10.30	51.12	18. 7
Leestaf	9. 0	52.36	18. 29
Jarmouth	9.30	52.45	18. 26
Foulnes Feuer-Haus	9. 0	52.59	18. 6
Düdgeans Feuer	5.30	53.20	17. 52
Boston Haven	6. 0	53. 0	17. 12
New-Castle	5.15		
Scarborough	4.30	54.20	16. 27
Whitby	3.45	54.33	16. 11
Sunderland	3. 0	54.56	15. 29
Tinmouths Feuer	3. 0	55. 3	15. 29
Berwick	2.30	55.47	14. 47
Edinburg	4.30	55.58	13. 25
Aberdeen	0.45	57. 6	14. 37
J. Orcades d. südlichst.	11. 0	58.36	14. 0
= = die nördlichste	11. 0	59.22	14. 37
J. Hitland, d. Südspitze	3. 0	59.54	14. 47
= = die Nordspitze	4. 0	60.46	16. 3
J. Fairhill	4. 0	59.30	14. 35
J. Fülö	3. 0	60.12	14. 17
J. Fero	0. 0	62. 0	10. 7

Nordsee.	höchst. Fluth	Br. N.	Länge
Bergen in Norwegen	1.30	60.10	22. 47
Jedder	— —	58.25	22. 40
Der Neus	5.	57.59	23. 52
Ferder	— —	58.25	26. 40
Christiania	— —	59.42	26. 44
Sund und Ostsee.			
Nidingen Feuer in Schwed	— —	57.18	28. 32
Anholt, Feuer	— —	56.44	28. 17
Koll, Feuer	— —	56.18	29. 6
Elsingör	— —	56. 2	29. 14
Copenhagen	— —	55.41	29. 12
Falsterbo, Feuer	— —	55.25	29. 31
J. Bornholm, N. Spitze	— —	55.22	31. 17
Stockholm	— —	59.21	34. 46
J. Gothland, S. Spitze	— —	56.56	35. 11
Viburg	— —	60.50	45. 49
Petersburg	— —	59.56	47. 2
Narva	— —	59.15	44. 58
Dagerorth	— —	58.56	39. 12
Koktjar, Feuer	— —	59.43	42. 20
Riga	— —	57. 0	41. 47
Dameftnes-Feuer	— —	57.39	38. 58
Memel	— —	55.55	37. 52
Königsberg	— —	54.40	38. 36
Danzig	— —	54.22	35. 13
Stralsund	— —	54.24	29. 47
Lübeck	— —	54. 4	28. 17
Canal zwisch. Frankreich und England.			
a. Französische Küste.			
Calais	11.30	50.57	18. 33
Boulogne	10.30	50.43	18. 19
Dieppe	10.30	49.57	17. 46
Havre de Grace	9. 0	49.33	16. 54
Roman	1.15	49.27	17. 52
Caen	9. 0	49.11	16. 17
C. Barfleur	7.30	49.40	15. 25
Cherbourg	7.10	49.38	15. 3
C. de la Hague	12. 0	49.45	14. 42
Coutance	6. 0	49. 2	15. 7
Granville	6. 0	48.50	15. 1
Avranches	6. 0	48.41	15. 13
St. Malo	6. 0	48.39	14. 34
sieben Inseln	0. 0	48.48	13. 12
Inseln de Bas	3.45	48.45	12. 32
Heysand	5.15	48.30	11. 38
Kiskassen	12. 0	49.48	14. 27
J. Guernsey	1.30	49.30	13. 50
J. Jersey	0.30	49. 7	14. 31
Brest	3.45	48.23	12. 41