

R.A.M.C.

LATITUDE OF BIRTHPLACE (NORTH), OR POLAR ELEVATION OF HOUSE

Ascendt. or Cusp of House

30° 31° 32° 33° 34° 35° 36° 37° 38° 39° 40°

Ascendt. or Cusp of House	30°	31°	32°	33°	34°	35°	36°	37°	38°	39°	40°
00 00	090 00	090 00	090 00	090 00	090 00	090 00	090 00	090 00	090 00	090 00	090 00
02 30	092 53	092 54	092 55	092 57	092 58	093 00	093 02	093 03	093 05	093 07	093 08
05 02	095 46	095 49	095 52	095 55	095 58	096 01	096 04	096 07	096 11	096 14	096 18
07 33	098 40	098 44	098 49	098 53	098 58	099 02	099 07	099 12	099 17	099 22	099 27
10 06	101 36	101 42	101 47	101 53	101 59	102 06	102 12	102 18	102 25	102 32	102 39
12 39	104 32	104 39	104 46	104 53	105 01	105 09	105 17	105 25	105 33	105 42	105 51
15 14	107 30	107 38	107 47	107 56	108 05	108 15	108 24	108 34	108 44	108 54	109 05
17 50	110 30	110 40	110 50	111 00	111 11	111 22	111 33	111 45	111 56	112 08	112 21
20 28	113 33	113 45	113 56	114 08	114 20	114 33	114 46	114 59	115 12	115 26	115 40
23 09	116 40	116 53	117 06	117 19	117 33	117 47	118 01	118 16	118 31	118 47	119 03
25 52	119 50	120 04	120 19	120 34	120 49	121 05	121 21	121 37	121 54	122 12	122 29
28 39	123 04	123 19	123 36	123 52	124 09	124 26	124 44	125 02	125 21	125 41	126 00
01m 30	126 23	126 40	126 58	127 16	127 35	127 54	128 13	128 33	128 54	129 15	129 36
04 25	129 49	130 07	130 27	130 46	131 06	131 27	131 48	132 10	132 32	132 55	133 19
07 26	133 22	133 42	134 03	134 24	134 46	135 08	135 31	135 55	136 19	136 44	137 10
10m 34	147 03	137 25	137 47	138 10	138 34	138 58	139 23	139 48	140 14	140 41	141 09
13 50	140 55	141 18	141 42	142 07	142 32	142 58	143 25	143 52	144 20	144 49	145 18
17 17	144 59	145 24	145 50	146 16	146 43	147 11	147 39	148 08	148 38	149 09	149 41
20 57	149 19	149 45	150 13	150 41	151 10	151 39	152 09	152 40	153 12	153 45	154 19
24 54	154 00	154 28	154 57	155 27	155 58	156 29	157 01	157 34	158 08	158 43	159 20
29m 15	159 11	159 41	160 12	160 43	161 16	161 49	162 23	162 58	163 34	164 12	164 50
04 14	165 03	165 35	166 08	166 41	167 15	167 51	168 27	169 04	169 42	170 22	171 02
10 17	172 08	172 42	173 16	173 52	174 28	175 05	175 43	176 23	177 03	177 45	178 28
19 04	182 18	182 54	183 30	184 07	184 45	185 24	186 05	186 46	187 29	188 13	188 59
00 00	194 30	195 06	195 44	196 22	197 01	197 41	198 22	199 05	199 49	200 34	201 21
10 56	206 04	206 40	207 16	207 53	208 31	209 10	209 51	210 32	211 15	211 59	212 45
19 43	214 50	215 24	215 58	216 34	217 10	217 47	218 25	219 05	219 45	220 27	221 10
25 46	220 33	221 05	221 38	222 11	222 45	223 21	223 57	224 34	225 12	225 52	226 32
00 45	225 05	225 35	226 06	226 37	227 10	227 43	228 17	228 52	229 28	230 06	230 44
05 06	228 56	229 24	229 53	230 23	230 54	231 25	231 57	232 30	233 04	233 39	234 16
09 03	232 19	232 45	233 13	233 41	234 10	234 39	235 09	235 40	236 12	236 45	237 19
12 43	235 21	235 46	236 12	236 38	237 05	237 33	238 01	238 30	239 00	239 31	240 03
16 10	238 09	238 32	238 56	239 21	239 46	240 12	240 39	241 06	241 34	242 03	242 32
19 26	240 45	241 07	241 29	241 52	242 16	242 40	243 05	243 30	243 56	244 23	244 51
22 34	243 12	243 32	243 53	244 14	244 36	244 58	245 21	245 45	246 09	246 34	247 00
25 35	245 31	245 49	246 09	246 28	246 48	247 09	247 30	247 52	248 14	248 37	249 01
28 30	247 43	248 00	248 18	248 36	248 55	249 14	249 33	249 53	250 14	250 35	250 56
01 21	249 50	250 05	250 22	250 38	250 55	251 12	251 30	251 48	252 07	252 27	252 46
04 08	251 52	252 06	252 21	252 36	252 51	253 07	253 23	253 39	253 56	254 14	254 31
06 51	253 50	254 03	254 16	254 29	254 43	254 57	255 11	255 26	255 41	255 57	256 13
09 32	255 45	255 57	256 08	256 20	256 32	256 45	256 58	257 11	257 24	257 38	257 52
12 10	257 38	257 48	257 58	258 08	258 19	258 30	258 41	258 53	259 04	259 16	259 29
14 46	259 28	259 36	259 45	259 54	260 03	260 13	260 22	260 32	260 42	260 52	261 03
17 21	261 16	261 23	261 30	261 37	261 45	261 53	262 01	262 09	262 17	262 26	262 35
19 54	263 02	263 08	263 13	263 19	263 25	263 32	263 38	263 44	263 51	263 58	264 05
22 27	264 48	264 52	264 57	265 01	265 06	265 10	265 15	265 20	265 25	265 30	265 35
24 58	266 32	266 35	266 38	266 41	266 44	266 47	266 50	266 53	266 57	267 00	267 04
27 30	268 17	268 18	268 19	268 21	268 22	268 24	268 26	268 27	268 29	268 31	268 32
00 00	270 00	270 00	270 00	270 00	270 00	270 00	270 00	270 00	270 00	270 00	270 00

XII. or II. 21 09 21 56 22 46 23 33 24 22 25 10 26 01 26 52 27 45 28 37 29 32
 XI. or III. 10 59 11 26 11 54 12 21 12 49 13 17 13 48 14 18 14 50 15 22 15 56

Polar Elevation of Houses for each degree of Latitude.

R.A.M.C.

LATITUDE OF BIRTHPLACE (NORTH), OR POLAR ELEVATION OF HOUSE

Ascends, or Cusp of House	40°	41°	42°	43°	44°	45°	46°	47°	48°	49°	50°
00 T 00	270 00	270 00	270 00	270 00	270 00	270 00	270 00	270 00	270 00	270 00	270 00
02 30	271 28	271 26	271 24	271 22	271 20	271 18	271 16	271 14	271 11	271 09	271 07
05 02	272 56	272 53	272 49	272 45	272 41	272 37	272 33	272 28	272 24	272 19	272 14
07 33	274 25	274 19	274 14	274 08	274 02	273 56	273 49	273 43	273 36	273 29	273 21
10 06	275 55	275 48	275 40	275 33	275 25	275 16	275 08	274 59	274 50	274 40	274 30
12 T 39	277 25	277 16	277 07	276 57	276 47	276 37	276 26	276 15	276 03	275 51	275 39
15 14	278 57	278 46	278 35	278 24	278 11	277 59	277 46	277 33	277 19	277 04	276 49
17 50	280 31	280 18	280 05	279 52	279 38	279 23	279 08	278 52	278 36	278 19	278 01
20 28	282 08	281 53	281 38	281 22	281 06	280 49	280 32	280 14	279 55	279 36	279 15
23 09	283 47	283 30	283 13	282 55	282 37	282 18	281 59	281 38	281 17	280 55	280 32
25 T 52	285 29	285 10	284 51	284 31	284 11	283 50	283 28	283 05	282 41	282 17	281 51
28 39	287 14	286 53	286 32	286 10	285 48	285 24	285 00	284 35	284 09	283 42	283 13
01 1 30	289 04	288 41	288 18	287 54	287 29	287 04	286 37	286 09	285 41	285 11	284 40
04 25	290 59	290 34	290 09	289 43	289 16	288 48	288 19	287 49	287 18	286 45	286 11
07 26	293 00	292 34	292 07	291 38	291 09	290 39	290 07	289 35	289 00	288 25	287 48
10 1 34	295 09	294 41	294 11	293 41	293 09	292 36	292 02	291 27	290 50	290 12	289 32
13 50	297 28	296 57	296 25	295 52	295 18	294 43	294 07	293 28	292 48	292 07	291 24
17 17	299 57	299 24	298 50	298 15	297 39	297 01	296 22	295 41	294 58	294 14	293 27
20 57	302 41	302 06	301 29	300 52	300 13	299 32	298 50	298 07	297 21	296 33	295 43
24 54	305 44	305 07	304 28	303 48	303 07	302 24	301 39	300 52	300 03	299 12	298 18
29 1 15	309 16	308 36	307 55	307 13	306 28	305 42	304 54	304 05	303 12	302 18	301 21
04 1 14	313 28	312 45	312 02	311 16	310 29	309 41	308 50	307 56	307 01	306 03	305 02
10 1 17	318 50	318 05	317 19	316 31	315 41	314 49	313 55	312 59	311 59	310 57	309 52
19 0 4	327 15	326 28	325 39	324 48	323 55	323 00	322 03	321 02	319 59	318 53	317 44
00 1 00	338 39	337 51	337 01	336 08	335 14	334 18	333 19	332 17	331 12	330 04	328 52
10 1 56	351 01	350 14	349 25	348 34	347 41	346 46	345 49	344 48	343 45	342 39	341 30
19 1 43	001 32	000 47	000 01	359 13	358 23	357 31	356 37	355 41	354 41	353 39	352 34
25 1 46	008 58	008 15	007 32	006 46	005 59	005 11	004 20	003 26	002 31	001 33	000 32
00 1 45	015 10	014 30	013 49	013 07	012 22	011 36	010 48	009 59	009 06	008 12	007 15
05 1 06	020 40	020 03	019 24	018 44	018 03	017 20	016 35	015 48	014 59	014 08	013 14
09 1 03	025 41	025 06	024 29	023 52	023 13	022 32	021 50	021 07	020 21	019 33	018 43
12 1 43	030 19	029 46	029 12	028 37	028 01	027 23	026 44	026 03	025 20	024 36	023 49
16 1 10	034 42	034 11	033 39	033 06	032 32	031 57	031 21	030 42	030 02	029 21	028 38
19 1 26	038 51	038 23	037 53	037 23	036 51	036 18	035 44	035 09	034 32	033 54	033 14
22 1 34	042 50	042 24	041 57	041 28	040 59	040 29	039 57	039 25	038 50	038 15	037 38
25 1 35	046 41	046 16	045 51	045 25	044 58	044 30	044 01	043 31	043 00	042 27	041 53
28 1 30	050 24	050 01	049 38	049 14	048 49	048 24	047 57	047 29	047 01	046 31	046 00
01 1 21	054 00	053 39	053 18	052 56	052 34	052 10	051 46	051 21	050 55	050 28	049 59
04 1 08	057 31	057 12	056 53	056 33	056 13	055 52	055 30	055 07	054 43	054 19	053 53
06 1 51	060 57	060 40	060 23	060 05	059 47	059 28	059 09	058 48	058 27	058 05	057 42
09 1 32	064 20	064 05	063 50	063 34	063 18	063 01	062 44	062 26	062 07	061 48	061 27
12 1 10	067 39	067 26	067 13	067 00	066 46	066 31	066 16	066 00	065 44	065 27	065 09
14 1 46	070 55	070 44	070 33	070 22	070 09	069 57	069 44	069 31	069 17	069 02	068 47
17 1 21	074 09	074 00	073 51	073 41	073 31	073 21	073 10	072 59	072 47	072 35	072 23
19 1 54	077 21	077 14	077 06	076 59	076 51	076 42	076 34	076 25	076 16	076 06	075 56
22 1 27	080 33	080 27	080 22	080 16	080 10	080 04	079 57	079 51	079 44	079 37	079 29
24 1 58	083 42	083 39	083 35	083 31	083 27	083 23	083 19	083 14	083 10	083 05	083 00
27 1 30	086 52	086 50	086 48	086 46	086 44	086 42	086 40	086 38	086 35	086 33	086 31
00 1 00	090 00	090 00	090 00	090 00	090 00	090 00	090 00	090 00	090 00	090 00	090 00

	29 31	30 25	31 18	32 16	33 12	34 10	35 07	36 07	37 09	38 09	39 12
XII. or II.	15 56	16 30	17 03	17 41	18 18	18 57	19 35	20 17	21 01	21 44	22 31
XI. or III.											

Polar Elevation of Houses for each degree of Latitude.

LATITUDE OF BIRTHPLACE (NORTH), OR POLAR ELEVATION OF HOUSE

Ascendt. or Cusp of House	40°	41°	42°	43°	44°	45°	46°	47°	48°	49°	50°
00 Δ 00	090 00	090 00	090 00	090 00	090 00	090 00	090 00	090 00	090 00	090 00	090 00
02 30	093 08	093 10	093 12	093 14	093 16	093 18	093 20	093 22	093 25	093 27	093 29
05 02	096 18	096 21	096 25	096 29	096 33	096 37	096 41	096 46	096 50	096 55	097 00
07 33	099 27	099 33	099 38	099 44	099 50	099 56	100 03	100 09	100 16	100 23	100 31
10 06	102 39	102 46	102 54	103 01	103 09	103 18	103 26	103 35	103 44	103 54	104 04
12 Δ 39	105 51	106 00	106 09	106 19	106 29	106 39	106 50	107 01	107 13	107 25	107 37
15 14	109 05	109 16	109 27	109 38	109 51	110 03	110 16	110 29	110 43	110 58	111 13
17 50	112 21	112 34	112 47	113 00	113 14	113 29	113 44	114 00	114 16	114 33	114 51
20 28	115 40	115 55	116 10	116 26	116 42	116 59	117 16	117 34	117 53	118 12	118 33
23 09	119 03	119 20	119 37	119 55	120 13	120 32	120 51	121 12	121 33	121 55	122 18
25 Δ 52	122 29	122 48	123 07	123 27	123 47	124 08	124 30	124 53	125 17	125 41	126 07
28 39	126 00	126 21	126 42	127 04	127 26	127 50	128 14	128 39	129 05	129 32	130 01
01 M 30	129 36	129 59	130 22	130 46	131 11	131 36	132 03	132 31	132 59	133 29	134 00
04 25	133 19	133 44	134 09	134 35	135 02	135 30	135 59	136 29	137 00	137 33	138 07
07 26	137 10	137 36	138 03	138 32	139 01	139 31	140 03	140 35	141 10	141 45	142 22
10 M 34	141 09	141 37	142 07	142 37	143 09	143 42	144 16	144 51	145 28	146 06	146 46
13 50	145 18	145 49	146 21	146 54	147 28	148 03	148 39	149 18	149 58	150 39	151 22
17 17	149 41	150 14	150 48	151 23	151 59	152 37	153 16	153 57	154 40	155 24	156 11
20 57	154 19	154 54	155 31	156 08	156 47	157 28	158 10	158 53	159 39	160 27	161 17
24 54	159 20	159 57	160 36	161 16	161 57	162 40	163 25	164 12	165 01	165 52	166 46
29 M 15	164 50	165 30	166 11	166 53	167 38	168 24	169 12	170 01	170 54	171 48	172 45
04 ♯ 14	171 02	171 45	172 28	173 14	174 01	174 49	175 40	176 34	177 29	178 27	179 28
10 17	178 28	179 13	179 59	180 47	181 37	182 29	183 23	184 19	185 19	186 21	187 26
19 04	188 59	189 46	190 35	191 26	192 19	193 14	194 11	195 12	196 15	197 21	198 30
00 M 00	201 21	202 09	202 59	203 52	204 46	205 42	206 41	207 43	208 48	209 56	211 08
10 M 56	212 45	213 32	214 21	215 12	216 05	217 00	217 57	218 58	220 01	221 07	222 16
19 43	221 10	221 55	222 41	223 29	224 19	225 11	226 05	227 01	228 01	229 03	230 08
25 46	226 32	227 15	227 58	228 44	229 31	230 19	231 10	232 04	232 59	233 57	234 58
00 = 45	230 44	231 24	232 05	232 47	233 32	234 18	235 06	235 55	236 48	237 42	238 39
05 = 06	234 16	234 53	235 32	236 12	236 53	237 36	238 21	239 08	239 57	240 48	241 42
09 03	237 19	237 54	238 31	239 08	239 47	240 28	241 10	241 53	242 39	243 27	244 17
12 43	240 03	240 36	241 10	241 45	242 21	242 59	243 38	244 19	245 02	245 46	246 33
16 10	242 32	243 03	243 35	244 08	244 42	245 17	245 53	246 32	247 12	247 53	248 36
19 26	244 51	245 19	245 49	246 19	246 51	247 24	247 58	248 33	249 10	249 48	250 28
22 = 34	247 00	247 26	247 53	248 22	248 51	249 21	249 53	250 25	251 00	251 35	252 12
25 35	249 01	249 26	249 51	250 17	250 44	251 12	251 41	252 11	252 42	253 15	253 49
28 30	250 56	251 19	251 42	252 06	252 31	252 56	253 23	253 51	254 19	254 49	255 20
01 X 21	252 46	253 07	253 28	253 50	254 12	254 36	255 00	255 25	255 51	256 18	256 47
04 08	254 31	254 50	255 09	255 29	255 49	256 10	256 32	256 55	257 19	257 43	258 09
06 X 51	256 13	256 30	256 47	257 05	257 23	257 42	258 01	258 22	258 43	259 05	259 28
09 32	257 52	258 07	258 22	258 38	258 54	259 11	259 28	259 46	260 05	260 24	260 45
12 10	259 29	259 42	259 55	260 08	260 22	260 37	260 52	261 08	261 24	261 41	261 59
14 46	261 03	261 14	261 25	261 36	261 49	262 01	262 14	262 27	262 41	262 56	263 11
17 21	262 35	262 44	262 53	263 03	263 13	263 23	263 34	263 45	263 57	264 09	264 21
19 X 54	264 05	264 12	264 20	264 27	264 35	264 44	264 52	265 01	265 10	265 20	265 30
22 27	265 35	265 41	265 46	265 52	265 58	266 04	266 11	266 17	266 24	266 31	266 39
24 58	267 04	267 07	267 11	267 15	267 19	267 23	267 27	267 32	267 36	267 41	267 46
27 30	268 32	268 34	268 36	268 38	268 40	268 42	268 44	268 46	268 49	268 51	268 53
00 P 00	270 00	270 00	270 00	270 00	270 00	270 00	270 00	270 00	270 00	270 00	270 00

XII. or II.
XI. or III.

29 32	30 25	31 18	32 16	33 12	34 10	35 07	36 07	37 09	38 09	39 12
15 56	16 30	17 03	17 41	18 18	18 57	19 35	20 17	21 01	21 44	22 31

Polar Elevation of Houses for each degree of Latitude.

R.A.M.C.

LATITUDE OF BIRTHPLACE (NORTH), OR POLAR ELEVATION OF HOUSE

Ascend. or Cusp of House	50°	51°	52°	53°	54°	55°	56°	57°	58°	59°	60°
00 T 00	270 00	270 00	270 00	270 00	270 00	270 00	270 00	270 00	270 00	270 00	270 00
02 30	271 07	271 04	271 01	270 58	270 55	270 52	270 49	270 46	270 42	270 38	270 34
05 02	272 14	272 09	272 03	271 58	271 52	271 46	271 39	271 32	271 25	271 17	271 09
07 33	273 21	273 13	273 05	272 57	272 48	272 38	272 29	272 18	272 07	271 56	271 44
10 06	274 30	274 20	274 09	273 58	273 46	273 33	273 20	273 06	272 51	272 36	272 20
12 T 39	275 39	275 26	275 12	274 58	274 43	274 27	274 11	273 53	273 35	273 16	272 55
15 14	276 49	276 34	276 17	276 00	275 42	275 24	275 03	274 42	274 20	273 57	273 32
17 50	278 01	277 43	277 23	277 03	276 42	276 20	275 56	275 32	275 06	274 38	274 09
20 28	279 15	278 54	278 32	278 09	277 45	277 19	276 52	276 24	275 54	275 22	274 49
23 09	280 32	280 08	279 43	279 17	278 50	278 21	277 50	277 18	276 44	276 08	275 30
25 T 52	281 51	281 24	280 56	280 27	279 56	279 24	278 50	278 14	277 35	276 55	276 12
28 39	283 13	282 44	282 13	281 40	281 06	280 30	279 52	279 12	278 29	277 45	276 57
01 H 30	284 40	284 07	283 33	282 57	282 19	281 40	280 58	280 14	279 27	278 37	277 44
04 25	286 11	285 35	284 58	284 19	283 37	282 54	282 08	281 20	280 28	279 33	278 35
07 26	287 48	287 09	286 28	285 46	285 01	284 13	283 23	282 30	281 34	280 34	279 30
10 H 34	289 32	288 50	288 06	287 19	286 31	285 39	284 45	283 47	282 46	281 40	280 30
13 50	291 24	290 39	289 51	289 01	288 08	287 13	286 14	285 11	284 04	282 53	281 36
17 17	293 27	292 38	291 47	290 53	289 56	288 56	287 52	286 44	285 31	284 14	282 51
20 57	295 43	294 51	293 56	292 58	291 56	290 51	289 42	288 29	287 10	285 46	284 15
24 54	298 18	297 22	296 23	295 21	294 15	293 05	291 50	290 31	289 06	287 34	285 55
29 H 15	301 21	300 20	299 17	298 10	296 59	295 44	294 24	292 58	291 26	289 46	287 58
04 H 14	305 02	303 57	302 49	301 38	300 21	299 00	297 34	296 01	294 21	292 33	290 35
10 17	309 52	308 43	307 31	306 14	304 52	303 25	301 51	300 11	298 22	296 24	294 14
19 04	317 44	316 30	315 12	313 50	312 22	310 48	309 07	307 18	305 20	303 10	300 47
00 H 00	328 52	327 37	326 17	324 51	323 21	321 43	319 59	318 06	316 02	313 47	311 18
10 H 56	341 30	340 16	338 58	337 36	336 08	334 34	332 53	331 04	329 06	326 56	324 33
19 43	352 34	351 25	350 13	348 56	347 34	346 07	344 33	342 53	341 04	339 06	336 56
25 46	000 32	359 27	358 19	357 08	355 51	354 30	353 04	351 31	349 51	348 03	346 05
00 A 45	007 15	006 14	005 11	004 04	002 53	001 38	000 18	358 52	357 20	355 40	353 52
05 A 06	013 14	012 18	011 19	010 17	009 11	008 01	006 46	005 27	004 02	002 30	000 51
09 03	018 43	017 51	016 56	015 58	014 56	013 51	012 42	011 29	010 10	008 46	007 15
12 43	023 49	023 00	022 09	021 15	020 18	019 18	018 14	017 06	015 53	014 36	013 13
16 10	028 38	027 53	027 05	026 15	025 22	024 27	023 28	022 25	021 18	020 07	018 50
19 26	033 14	032 32	031 48	031 01	030 13	029 21	028 27	027 29	026 28	025 22	024 12
22 A 34	037 38	036 59	036 18	035 36	034 51	034 03	033 13	032 20	031 24	030 24	029 20
25 35	041 53	041 17	040 40	040 01	039 19	038 36	037 50	037 02	036 10	035 15	034 17
28 30	046 00	045 27	044 53	044 17	043 39	043 00	042 18	041 34	040 47	039 57	039 04
01 H 21	049 59	049 30	048 59	048 26	047 52	047 16	046 38	045 58	045 15	044 31	043 43
04 08	053 53	053 26	052 58	052 29	051 58	051 26	050 52	050 16	049 37	048 57	048 14
06 H 51	057 42	057 18	056 53	056 27	056 00	055 31	055 00	054 28	053 54	053 18	052 40
09 32	061 27	061 06	060 44	060 21	059 57	059 31	059 04	058 36	058 06	057 34	057 01
12 10	065 09	064 51	064 31	064 11	063 50	063 28	063 04	062 40	062 14	061 46	061 17
14 46	068 47	068 32	068 15	067 58	067 40	067 22	067 01	066 40	066 18	065 55	065 30
17 21	072 23	072 10	071 56	071 42	071 27	071 11	070 55	070 37	070 19	070 00	069 39
19 H 54	075 56	075 46	075 35	075 24	075 12	074 59	074 46	074 32	074 17	074 02	073 46
22 27	079 29	079 21	079 13	079 05	078 56	078 46	078 37	078 26	078 15	078 04	077 52
24 58	083 00	082 55	082 49	082 44	082 38	082 32	082 25	082 18	082 11	082 03	081 55
27 30	086 31	086 28	086 25	086 22	086 19	086 16	086 13	086 10	086 06	086 02	085 58
00 A 00	090 00	090 00	090 00	090 00	090 00	090 00	090 00	090 00	090 00	090 00	090 00

XII. or II.	39 12	40 18	41 22	42 31	43 37	44 48	45 58	47 11	48 26	49 43	51 03
XI. or III.	23 31	23 22	24 10	25 05	26 00	26 59	27 59	29 05	30 14	31 28	32 47

Polar Elevation of Houses for each degree of Latitude.

R.A.M.C.

LATITUDE OF BIRTHPLACE (NORTH), OR POLAR ELEVATION OF HOUSE

Ascend. or Cusp of House

	50°	51°	52°	53°	54°	55°	56°	57°	58°	59°	60°
00 00	090 00	090 00	090 00	090 00	090 00	090 00	090 00	090 00	090 00	090 00	090 00
02 30	093 29	093 32	093 35	093 38	093 41	093 44	093 47	093 50	093 54	093 58	094 02
05 02	097 00	097 05	097 11	097 16	097 22	097 28	097 35	097 42	097 49	097 57	098 05
07 33	100 31	100 39	100 47	100 55	101 04	101 14	101 23	101 34	101 45	101 56	102 08
10 06	104 04	104 14	104 25	104 36	104 48	105 01	105 14	105 28	105 43	105 58	106 14
12 39	107 37	107 50	108 04	108 18	108 33	108 49	109 05	109 23	109 41	110 00	110 21
15 14	111 13	111 28	111 45	112 02	112 20	112 38	112 59	113 20	113 42	114 05	114 30
17 50	114 51	115 09	115 29	115 49	116 10	116 32	116 56	117 20	117 46	118 14	118 43
20 28	118 33	118 54	119 16	119 39	120 03	120 29	120 56	121 24	121 54	122 26	122 59
23 09	122 18	122 42	123 07	123 33	124 00	124 29	125 00	125 32	126 06	126 42	127 20
25 52	126 07	126 34	127 02	127 31	128 02	128 34	129 08	129 44	130 23	131 03	131 46
28 39	130 01	130 30	131 01	131 34	132 08	132 44	133 22	134 02	134 45	135 29	136 17
01m 30	134 00	134 33	135 07	135 43	136 21	137 00	137 42	138 26	139 13	140 03	140 56
04 25	138 07	138 43	139 20	139 59	140 41	141 24	142 10	142 58	143 50	144 45	145 43
07 26	142 22	143 01	143 42	144 24	145 09	145 57	146 47	147 40	148 36	149 36	150 40
10m 34	146 46	147 28	148 12	148 59	149 47	150 39	151 33	152 31	153 32	154 38	155 48
13 50	151 22	152 07	152 55	153 45	154 38	155 33	156 32	157 35	158 42	159 53	161 10
17 17	156 11	157 00	157 51	158 45	159 42	160 42	161 46	162 54	164 07	165 24	166 47
20 57	161 17	162 09	163 04	164 02	165 04	166 09	167 18	168 31	169 50	171 14	172 45
24 54	166 46	167 42	168 41	169 43	170 49	171 59	173 14	174 33	175 58	177 30	179 09
29m 15	172 45	173 46	174 49	175 56	177 07	178 22	179 42	181 08	182 40	184 20	186 08
04 14	179 28	180 32	181 41	182 52	184 09	185 30	186 56	188 29	190 09	191 57	193 55
10 17	187 26	188 35	189 47	191 04	192 26	193 53	195 27	197 07	198 56	200 54	203 04
19 04	198 30	199 44	201 02	202 24	203 52	205 26	207 07	208 56	210 54	213 04	215 27
00 00	211 08	212 23	213 43	215 09	216 39	218 17	220 01	221 54	223 58	226 13	228 42
10 56	222 16	223 30	224 48	226 10	227 38	229 12	230 53	232 42	234 40	236 50	239 13
19 43	230 08	231 17	232 29	233 46	235 08	236 35	238 09	239 49	241 38	243 36	245 46
25 46	234 58	236 03	237 11	238 22	239 39	241 00	242 26	243 59	245 39	247 27	249 25
00 45	238 39	239 40	240 43	241 50	243 01	244 16	245 36	247 02	248 34	250 14	252 02
05 06	241 42	242 38	243 37	244 39	245 45	246 55	248 10	249 29	250 54	252 26	254 05
09 03	244 17	245 09	246 04	247 02	248 04	249 09	250 18	251 31	252 50	254 14	255 45
12 43	246 33	247 22	248 13	249 07	250 04	251 04	252 08	253 16	254 29	255 46	257 09
16 10	248 36	249 21	250 09	250 59	251 52	252 47	253 46	254 49	255 56	257 07	258 24
19 26	250 28	251 10	251 54	252 41	253 29	254 21	255 15	256 13	257 14	258 20	259 30
22 34	252 12	252 51	253 32	254 14	254 59	255 47	256 37	257 30	258 26	259 26	260 30
25 35	253 49	254 25	255 02	255 41	256 23	257 06	257 52	258 40	259 32	260 27	261 25
28 30	255 20	255 53	256 27	257 03	257 41	258 20	259 02	259 46	260 33	261 23	262 16
01 21	256 47	257 16	257 47	258 20	258 54	259 30	260 08	260 48	261 31	262 15	263 03
04 08	258 09	258 36	259 04	259 33	260 04	260 36	261 10	261 46	262 25	263 05	263 48
06 51	259 28	259 52	260 17	260 43	261 10	261 39	262 10	262 42	263 16	263 52	264 30
09 32	260 45	261 06	261 28	261 51	262 15	262 41	263 08	263 36	264 06	264 38	265 11
12 10	261 59	262 17	262 37	262 57	263 18	263 40	264 04	264 28	264 54	265 22	265 51
14 46	263 11	263 26	263 43	264 00	264 18	264 36	264 57	265 18	265 40	266 03	266 28
17 21	264 21	264 34	264 48	265 02	265 17	265 33	265 49	266 07	266 25	266 44	267 05
19 54	265 30	265 40	265 51	266 02	266 14	266 27	266 40	266 54	267 09	267 24	267 40
22 27	266 39	266 47	266 55	267 03	267 12	267 22	267 31	267 42	267 53	268 04	268 16
24 58	267 46	267 51	267 57	268 02	268 08	268 14	268 21	268 28	268 35	268 43	268 51
27 30	268 53	268 56	268 59	269 02	269 05	269 08	269 11	269 14	269 18	269 22	269 26
00 00	270 00	270 00	270 00	270 00	270 00	270 00	270 00	270 00	270 00	270 00	270 00

XII. or II.	39 12	40 18	41 22	42 31	43 37	44 48	45 58	47 11	48 26	49 43	51 03
XI. or III.	22 31	23 22	24 10	25 05	26 00	26 59	27 59	29 05	30 14	31 28	32 47

Polar Elevation of Houses for each degree of Latitude.

R.A.M.C.

LATITUDE OF BIRTHPLACE (NORTH), OR POLAR ELEVATION OF HOUSE

Ascend. of Cusp of House	60°	61°	62°	63°	64°	65°	66°	67°	68°	69°	70°
00 00	270 00	270 00	270 00	270 00	270 00	270 00	270 00	270 00	270 00	270 00	270 00
01 30	270 34	270 30	270 25	270 20	270 15	270 09	270 03	269 57	269 50	269 42	269 33
05 02	271 09	271 00	270 51	270 41	270 31	270 19	270 07	269 54	269 40	269 24	269 07
07 33	271 44	271 30	271 17	271 02	270 46	270 29	270 10	269 51	269 29	269 05	268 39
10 06	272 20	272 02	271 44	271 24	271 02	270 40	270 15	269 48	269 19	268 47	268 12
12 39	272 55	272 33	272 10	271 45	271 18	270 49	270 18	269 44	269 08	268 28	267 44
15 14	273 32	273 05	272 37	272 07	271 34	270 59	270 22	269 41	268 56	268 07	267 14
17 50	274 09	273 38	273 05	272 29	271 51	271 10	270 26	269 37	268 45	267 47	266 43
20 28	274 49	274 13	273 34	272 53	272 09	271 22	270 30	269 34	268 33	267 25	266 11
23 09	275 30	274 49	274 05	273 18	272 28	271 34	270 35	269 30	268 20	267 03	265 37
25 52	276 12	275 26	274 37	273 44	272 47	271 46	270 39	269 26	268 06	266 38	265 00
28 39	276 57	276 05	275 10	274 11	273 08	271 59	270 44	269 22	267 52	266 11	264 20
01 30	277 44	276 47	275 46	274 41	273 30	272 13	270 49	269 17	267 36	265 43	263 36
04 25	278 35	277 32	276 25	275 12	273 54	272 28	270 55	269 12	267 18	265 11	262 47
07 26	279 30	278 21	277 07	275 47	274 20	272 46	271 02	269 07	266 59	264 35	261 51
10 34	280 30	279 15	277 53	276 25	274 50	273 05	271 09	269 00	266 36	263 53	260 45
13 50	281 36	280 14	278 45	277 08	275 22	273 26	271 17	268 53	266 11	263 03	259 24
17 17	282 51	281 21	279 43	277 57	276 00	273 51	271 27	268 45	265 38	262 01	257 41
20 57	284 15	282 37	280 50	278 53	276 44	274 20	271 38	268 33	264 58	260 40	255 17
24 54	285 55	284 08	282 10	280 01	277 38	274 56	271 53	268 19	264 05	258 46	251 27
29 15	287 58	286 00	283 51	281 28	278 47	275 44	272 13	268 01	262 47	255 35	237 03
04 14	290 35	288 25	286 02	283 22	280 20	276 51	272 41	267 31	260 26	242 15	***
10 17	294 14	291 51	289 12	286 11	282 43	278 36	273 30	266 30	248 39	***	***
19 04	300 47	298 08	295 09	291 42	287 37	282 34	275 41	258 07	***	***	***
00 00	311 18	308 30	305 20	301 39	297 12	291 32	283 01	***	***	***	***
10 56	324 33	321 54	318 55	315 28	311 23	306 20	299 27	281 53	***	***	***
19 43	336 56	334 33	331 54	328 53	325 25	321 18	316 12	309 12	291 21	***	***
25 46	346 05	343 55	341 32	338 52	335 50	332 21	328 11	323 01	315 56	297 45	***
00 45	353 52	351 54	349 45	347 22	344 41	341 38	338 07	333 55	328 41	321 29	302 57
05 06	000 51	359 04	357 06	354 57	352 34	349 52	346 49	343 15	339 01	333 42	326 23
09 03	007 15	005 37	003 50	001 53	359 44	357 20	354 38	351 33	347 58	343 40	338 17
12 43	013 13	011 43	010 05	008 19	006 22	004 13	001 49	359 07	356 00	352 23	348 03
16 10	018 50	017 28	015 59	014 22	012 36	010 40	008 31	006 07	003 25	000 17	356 38
19 26	024 12	022 57	021 35	020 07	018 32	016 47	014 51	012 42	010 18	007 35	004 27
22 34	029 20	028 11	026 57	025 37	024 10	022 36	020 52	018 57	016 49	014 25	011 41
25 35	034 17	033 14	032 07	030 54	029 36	028 10	026 37	024 54	023 00	020 53	018 29
28 30	039 04	038 07	037 06	036 01	034 50	033 33	032 09	030 37	028 56	027 03	024 56
01 21	043 43	042 51	041 56	040 57	039 54	038 45	037 30	036 08	034 38	032 57	031 06
04 08	048 14	047 28	046 39	045 46	044 49	043 48	042 41	041 28	040 08	038 40	037 02
06 51	052 40	051 59	051 15	050 28	049 38	048 44	047 45	046 40	045 30	044 13	042 47
09 32	057 01	056 25	055 46	055 05	054 21	053 34	052 42	051 46	050 45	049 37	048 23
12 10	061 17	060 46	060 13	059 37	058 59	058 18	057 34	056 45	055 53	054 55	053 51
14 46	065 30	065 03	064 35	064 05	063 32	062 57	062 20	061 39	060 54	060 05	059 12
17 21	069 39	069 17	068 54	068 29	068 02	067 33	067 02	066 28	065 52	065 12	064 28
19 54	073 46	073 28	073 10	072 50	072 28	072 06	071 41	071 14	070 45	070 13	069 38
22 27	077 52	077 38	077 25	077 10	076 54	076 37	076 18	075 59	075 37	075 13	074 47
24 58	081 55	081 46	081 37	081 27	081 17	081 05	080 53	080 40	080 26	080 10	079 53
27 30	085 58	085 54	085 49	085 44	085 39	085 33	085 27	085 21	085 14	085 06	084 57
00 00	090 00	090 00	090 00	090 00	090 00	090 00	090 00	090 00	090 00	090 00	090 00

XII. or II.	51 03	52 25	53 50	55 21	57 02	58 46	60 57	63 23	65 [?]	67 [?]	69 [?]
XI. or III.	34 47	34 13	35 46	37 30	39 28	41 49	44 58	49 02	54 [?]	60 [?]	66 [?]

Polar Elevation of Houses for each degree of Latitude.

N.B.—In such high Latitudes as 67°, 68°, 69°, 70°, some Degrees never touch the Horizon: these are indicated by asterisks. Horoscopes calculated for such latitudes show many curious features.

R.A.M.C.

LATITUDE OF BIRTHPLACE (NORTH), OR POLAR ELEVATION OF HOUSE

Ascendt. or Cusp of House	60°	61°	62°	63°	64°	65°	66°	67°	68°	69°	70°
00 = 00	090 00	090 00	090 00	090 00	090 00	090 00	090 00	090 00	090 00	090 00	090 00
02 30	094 02	094 06	094 11	094 16	094 21	094 27	094 33	094 39	094 46	094 54	095 03
05 02	098 05	098 14	098 23	098 33	098 43	098 55	099 07	099 20	099 34	099 50	100 07
07 33	102 08	102 22	102 35	102 50	103 06	103 23	103 42	104 01	104 23	104 47	105 13
10 06	106 14	106 32	106 50	107 10	107 32	107 54	108 19	108 46	109 15	109 47	110 22
12 = 39	110 21	110 43	111 06	111 31	111 58	112 27	112 58	113 32	114 08	114 48	115 32
15 14	114 30	114 57	115 25	115 55	116 28	117 03	117 40	118 21	119 06	119 55	120 48
17 50	118 43	119 14	119 47	120 23	121 01	121 42	122 26	123 15	124 07	125 05	126 09
20 28	122 59	123 35	124 14	124 55	125 39	126 26	127 18	128 14	129 15	130 23	131 37
23 09	127 20	128 01	128 45	129 32	130 22	131 16	132 15	133 20	134 30	135 47	137 13
25 = 52	131 46	132 32	133 21	134 14	135 11	136 12	137 19	138 32	139 52	141 20	142 58
28 39	136 17	137 09	138 04	139 03	140 06	141 15	142 30	143 52	145 22	147 03	148 54
01m 30	140 56	141 53	142 54	143 59	145 10	146 27	147 51	149 23	151 04	152 57	155 04
04 25	145 43	146 46	147 53	149 06	150 24	151 50	153 23	155 06	157 00	159 07	161 31
07 26	150 40	151 49	153 03	154 23	155 50	157 24	159 08	161 03	163 11	165 35	168 19
10m 34	155 48	157 03	158 25	159 53	161 28	163 13	165 09	167 18	169 42	172 25	175 33
13 50	161 10	162 32	164 01	165 38	167 24	169 20	171 29	173 53	176 35	179 43	183 22
17 17	166 47	168 17	169 55	171 41	173 38	175 47	178 11	180 53	184 00	187 37	191 57
20 57	172 45	174 23	176 10	178 07	180 16	182 40	185 22	188 27	192 02	196 20	201 43
24 54	179 09	180 56	182 54	185 03	187 26	190 08	193 11	196 45	200 59	206 18	213 37
29m 15	186 08	188 06	190 15	192 38	195 19	198 22	201 53	206 05	211 19	218 31	237 03
04 ♀ 14	193 55	196 05	198 28	201 08	204 10	207 39	211 49	216 59	224 04	242 15	***
10 17	203 04	205 27	208 06	211 07	214 35	218 42	223 48	230 48	248 39	***	***
19 04	215 27	218 06	221 05	224 32	228 37	233 40	240 33	258 07	***	***	***
00 ♀ 00	228 42	231 30	234 40	238 21	242 48	248 28	256 59	***	***	***	***
10 ♀ 56	239 13	241 52	244 51	248 18	252 23	257 26	264 19	281 53	***	***	***
19 43	245 46	248 09	250 48	253 49	257 17	261 24	266 30	273 30	291 21	***	***
25 46	249 25	251 35	253 58	256 38	259 40	263 09	267 19	272 29	279 34	297 45	***
00 = 45	252 02	254 00	256 09	258 32	261 13	264 16	267 47	271 59	277 13	284 25	302 57
05 = 06	254 05	255 52	257 50	259 59	262 22	265 04	268 07	271 41	275 55	281 14	288 33
09 03	255 45	257 23	259 10	261 07	263 16	265 40	268 22	271 27	275 02	279 20	284 43
12 43	257 09	258 39	260 17	262 03	264 00	266 09	268 33	271 15	274 22	277 59	282 19
16 10	258 24	259 46	261 15	262 52	264 38	266 34	268 43	271 07	273 49	276 57	280 36
19 26	259 30	260 45	262 07	263 35	265 10	266 55	268 51	271 00	273 24	276 07	279 15
22 = 34	260 30	261 39	262 53	264 13	265 40	267 14	268 58	270 53	273 01	275 25	278 09
25 35	261 25	262 28	263 35	264 48	266 06	267 32	269 05	270 48	272 42	274 49	277 13
28 30	262 16	263 13	264 14	265 19	266 30	267 47	269 11	270 43	272 24	274 17	276 24
01 × 21	263 03	263 55	264 50	265 49	266 52	268 01	269 16	270 38	272 08	273 49	275 40
04 08	263 48	264 34	265 23	266 16	267 13	268 14	269 21	270 34	271 54	273 22	275 00
06 × 51	264 30	265 11	265 55	266 42	267 32	268 26	269 25	270 30	271 40	272 57	274 23
09 32	265 11	265 47	266 26	267 07	267 51	268 38	269 30	270 26	271 27	272 35	273 49
12 10	265 51	266 22	266 55	267 31	268 09	268 50	269 34	270 23	271 15	272 13	273 17
14 46	266 28	266 55	267 23	267 53	268 26	269 01	269 38	270 19	271 04	271 53	272 46
17 21	267 05	267 27	267 50	268 15	268 42	269 11	269 42	270 16	270 52	271 32	272 16
19 × 54	267 40	267 58	268 16	268 36	268 58	269 20	269 45	270 12	270 41	271 13	271 48
22 27	268 16	268 30	268 43	268 58	269 14	269 31	269 50	270 09	270 31	270 55	271 21
24 58	268 51	269 00	269 09	269 19	269 29	269 41	269 53	270 06	270 20	270 36	270 53
27 30	269 26	269 30	269 35	269 40	269 45	269 51	269 57	270 03	270 10	270 18	270 27
00 ♀ 00	270 00	270 00	270 00	270 00	270 00	270 00	270 00	270 00	270 00	270 00	270 00

	60°	61°	62°	63°	64°	65°	66°	67°	68°	69°	70°
XII. or II.	51 03	52 25	53 50	55 21	57 02	58 46	60 57	63 23	65 [?]	67 [?]	69 [?]
XI. or III.	32 47	34 13	35 46	37 30	39 28	41 49	44 58	49 02	54 [?]	60 [?]	66 [?]

Polar Elevation of Houses for each degree of Latitude.

N.B.—In such high Latitudes as 67°, 68°, 69°, 70°, some Degrees never touch the Horizon; these are indicated by asterisks. Horoscopes calculated for such latitudes show many curious features.

DIURNAL PROPORTIONAL LOGARITHMS (continued)

Min	Hours or degrees										Hours or degrees										Hours or degrees										Hours or degrees																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
30	1.6812	1.2041	0.9823	8361	7270	6398	5673	5051	4508	4025	3590	3195	2833	2499	2188	1899	1627	1372	1130	0902	0685	0478	0280	0091	31	.6670	.1993	.9794	41	54	85	62	42	4499	17	83	89	27	93	83	94	23	68	26	0898	81	74	77	88	32	.6532	.1946	.9765	20	38	72	51	32	91	10	77	83	21	88	78	90	19	63	23	94	78	71	74	85	33	.6398	.1899	.9737	00	22	59	40	23	82	02	70	76	16	83	73	85	14	59	19	91	74	68	71	82	34	.6269	.1852	.9708	8279	06	46	29	13	74	3995	63	70	10	77	68	80	10	55	15	87	70	64	67	79	35	1.6143	1.1806	0.9680	8259	7190	6333	5618	5003	4466	3987	3556	3164	2804	2472	2164	1875	1605	1351	1111	0883	0667	0461	0264	0076	36	.6021	.1761	.9652	39	74	20	07	4994	57	79	49	57	2798	67	59	71	01	47	07	80	64	58	61	73	37	.5902	.1716	.9625	19	59	07	5596	84	49	72	42	51	93	61	54	66	1597	43	03	76	60	54	58	70	38	.5786	.1671	.9597	8199	43	6294	85	75	40	64	35	45	87	56	49	62	92	39	1099	72	56	51	55	67	39	.5673	.1627	.9570	79	28	82	74	65	32	57	29	39	81	51	44	57	88	35	95	68	53	48	51	64	40	1.5563	1.1584	0.9542	8159	7112	6269	5563	4956	4424	3949	3522	3133	2775	2445	2139	1852	1584	1331	1092	0865	0649	0444	0248	0061	41	.5456	.1540	.9515	40	7097	56	52	47	15	42	15	26	70	40	34	48	79	27	88	61	46	41	45	58	42	.5351	.1498	.9488	20	81	43	41	37	07	34	08	20	64	35	29	43	75	22	84	57	42	37	42	55	43	.5249	.1455	.9462	01	66	31	31	28	4399	27	01	14	58	30	24	38	71	18	80	54	39	34	39	52	44	.5149	.1413	.9435	8081	50	18	20	18	90	19	3495	08	53	24	19	34	66	14	76	50	35	31	35	48	45	1.5051	1.1372	0.9409	8062	7035	6205	5509	4909	4382	3912	3488	3102	2747	2419	2114	1829	1562	1310	1072	0846	0632	0428	0232	0045	46	.4956	.1331	.9383	43	20	6193	5498	00	74	05	81	3096	41	14	09	25	58	06	68	43	29	24	29	42	47	.4863	.1290	.9356	23	05	80	88	4890	65	3897	75	89	36	09	04	20	53	02	64	39	25	21	26	39	48	.4771	.1249	.9330	04	6990	68	77	81	57	90	68	83	30	03	2099	16	49	1298	61	35	21	18	23	36	49	.4682	.1209	.9305	7985	75	55	66	72	49	82	61	77	24	2398	2095	11	45	94	57	32	18	14	20	33	50	1.4594	1.1170	0.9279	7966	6960	6143	5456	4863	4341	3875	3455	3071	2719	2393	2090	1806	1540	1290	1053	0828	0614	0411	0216	0030	51	.4508	.1130	.9254	47	45	31	45	53	33	68	48	65	13	88	85	02	36	86	49	24	11	08	13	27	52	.4424	.1091	.9228	29	30	18	35	44	24	60	41	59	07	82	80	1797	32	82	45	21	08	04	10	24	53	.4341	.1053	.9203	10	15	06	24	35	16	53	35	53	02	77	75	93	28	78	41	17	04	01	07	21	54	.4260	.1015	.9178	7891	00	6094	14	20	08	40	28	47	2696	72	70	88	23	74	37	14	01	0398	04	18	55	1.4180	1.0977	0.9153	7873	6885	6081	5403	4817	4300	3838	3421	3041	2691	2367	2065	1784	1519	1270	1034	0810	0597	0394	0201	0013	56	.4102	.0939	.9128	51	71	69	5393	08	4292	31	15	35	85	62	61	79	15	66	30	06	94	91	0197	12	57	.4025	.0902	.9104	36	56	57	82	4799	84	24	08	28	79	56	56	74	10	61	26	03	90	88	94	09	58	.3949	.0865	.9079	18	41	45	72	89	76	17	01	22	74	51	51	70	06	57	22	0799	87	84	91	06	59	.3875	.0828	.9055	00	27	33	61	80	68	09	3395	16	68	46	46	65	02	53	18	95	83	81	88	03	60	1.3802	1.0792	0.9031	7181	6812	6021	5331	4771	4260	3802	3388	3010	2663	2341	2041	1761	1498	1249	1015	0792	0580	0378	0185	0000

* * * The use of this Table is explained on p. 62. * * *

** The use of this Table is explained on p. 62. **

DIURNAL PROPORTIONAL LOGARITHMS

Min.	Hours or degrees																							
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
0	3.1584	I.3802	I.0792	9031	7781	6812	6021	5351	4771	4260	3802	3388	3010	2663	2341	2041	1761	1498	1249	1015	0792	0580	0378	0185
1	3.1584	.3730	.0756	07	63	6798	09	41	62	52	3795	82	04	57	36	36	56	93	45	11	88	77	75	82
2	2.8573	.3660	.0720	8983	45	84	5997	30	53	44	88	75	2998	52	30	32	52	89	41	07	85	73	71	79
3	6812	.3590	.0685	59	28	69	85	20	44	36	80	68	92	46	25	27	47	85	37	03	81	70	68	75
4	.5563	.3522	.0649	35	10	55	73	10	35	28	73	62	86	41	20	22	43	81	33	0999	77	66	64	72
5	2.4594	I.3454	I.0614	8912	7692	6741	5961	5300	4726	4220	3766	3355	2980	2635	2315	2017	1738	1476	1229	0996	0774	0563	0361	0169
6	.3802	.3388	.0580	8888	74	26	49	5289	17	12	59	49	74	29	10	12	34	72	25	92	70	59	58	66
7	.3133	.3323	.0546	65	57	12	37	79	08	04	51	42	68	24	05	08	29	68	21	88	66	56	55	63
8	.2553	.3258	.0511	42	39	6698	25	69	4699	4196	45	36	62	18	00	03	25	64	17	84	63	52	52	60
9	.2041	.3195	.0478	19	22	84	13	59	90	88	38	29	56	13	2295	1998	20	60	13	80	59	49	48	57
10	2.1584	I.3133	I.0444	8796	7604	6670	5902	5249	4682	4180	3730	3323	2950	2607	2289	1993	1716	1455	1209	0977	0756	0546	0345	0153
11	.1170	.3071	.0411	73	7587	56	5890	39	73	72	23	16	45	02	84	89	11	51	05	73	52	42	42	50
12	.0792	.3010	.0378	51	70	42	78	29	64	64	16	10	38	2596	79	84	07	47	01	69	49	39	39	47
13	.0444	.2950	.0345	28	52	28	66	19	55	56	09	03	33	91	74	79	02	43	1197	65	45	35	35	44
14	.0122	.2891	.0313	06	35	14	55	09	46	49	02	3297	27	85	69	74	1698	38	93	62	42	32	32	41
15	I.9823	I.2833	I.0280	8683	7518	6600	5843	5199	4638	4141	3695	3291	2921	2580	2264	1969	1694	1434	1189	0958	0738	0529	0329	0138
16	.9542	.2775	.0248	61	01	6587	32	89	29	33	88	84	15	75	59	65	89	30	85	54	34	25	26	35
17	.9279	.2719	.0216	39	7484	73	20	79	20	25	81	78	09	69	54	60	85	26	82	50	31	22	22	32
18	.9031	.2663	.0185	17	67	59	09	69	11	17	74	71	03	64	49	55	80	22	78	47	27	18	19	29
19	.8796	.2607	.0153	8595	51	46	5797	59	03	09	67	65	2897	58	44	50	76	17	74	43	24	15	16	25
20	I.8573	I.2553	I.0122	8573	7434	6532	5786	5149	4594	4102	3660	3258	2891	2553	2239	1946	1671	1413	1170	0939	0720	0511	0313	0122
21	.8361	.2499	.0091	52	17	19	74	39	85	4094	53	52	85	47	34	41	67	09	66	35	17	08	09	19
22	.8159	.2445	.0061	30	01	05	63	29	77	86	46	46	80	42	29	36	63	05	62	32	13	05	06	16
23	.7966	.2393	.0030	09	7384	6492	52	20	68	79	39	39	74	36	23	32	58	01	58	28	09	01	03	13
24	.7781	.2341	I.0000	8487	68	78	40	10	59	71	32	33	68	31	18	27	54	1397	54	24	06	0498	00	10
25	I.7504	I.2289	0.9970	8466	7351	6465	5729	5100	4551	4063	3625	3227	2862	2526	2213	1922	1649	1393	1150	0920	0702	0495	0296	0107
26	.7434	.2239	.9940	45	35	51	18	5090	42	55	18	20	56	20	08	17	45	88	46	17	0699	91	93	04
27	.7270	.2188	.9910	24	18	38	06	81	34	48	11	14	50	15	03	13	40	84	42	13	95	88	90	01
28	.7112	.2139	.9881	03	02	25	5695	71	25	40	04	08	45	09	2198	08	36	80	38	09	92	85	87	0098
29	.6960	.2090	.9852	8382	7286	12	84	61	16	32	3597	01	39	04	93	03	32	76	34	05	88	81	83	94
30	I.6812	I.2041	0.9823	8361	7270	6398	5673	5051	4508	4025	3590	3195	2833	2499	2188	1899	1627	1372	1130	0902	0685	0478	0280	0091

FOUR-FIGURE LOGARITHMS

	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9																																																																																																																																																																																																								
10	0000	0043	0086	0128	0170	0212	0253	0294	0334	0374	04	048	051	055	059	063	067	071	075	079	083	087	091	095	099	103	107	111	115	119	123	127	131	135	139	143	147	151	155	159	163	167	171	175	179	183	187	191	195	199	203	207	211	215	219	223	227	231	235	239	243	247	251	255	259	263	267	271	275	279	283	287	291	295	299	303	307	311	315	319	323	327	331	335	339	343	347	351	355	359	363	367	371	375	379	383	387	391	395	399	403	407	411	415	419	423	427	431	435	439	443	447	451	455	459	463	467	471	475	479	483	487	491	495	499	503	507	511	515	519	523	527	531	535	539	543	547	551	555	559	563	567	571	575	579	583	587	591	595	599	603	607	611	615	619	623	627	631	635	639	643	647	651	655	659	663	667	671	675	679	683	687	691	695	699	703	707	711	715	719	723	727	731	735	739	743	747	751	755	759	763	767	771	775	779	783	787	791	795	799	803	807	811	815	819	823	827	831	835	839	843	847	851	855	859	863	867	871	875	879	883	887	891	895	899	903	907	911	915	919	923	927	931	935	939	943	947	951	955	959	963	967	971	975	979	983	987	991	995	999

TABLE FOR TURNING
DEGREES INTO TIME. TIME INTO DEGREES.

° or '	H. M. or M. S.	° or '	H. M. or M. S.	° or '	H. M. or M. S.	HRS.	°	M. or S.	° or '	M. or S.	° or '
0	0	50	3 20	100	6 40	0	0	0	0	50	12 30
1	4	51	3 24	101	6 44	1	15	1	15	51	12 45
2	8	52	3 28	102	6 48	2	30	2	30	52	13 0
3	12	53	3 32	103	6 52	3	45	3	45	53	13 15
4	16	54	3 36	104	6 56	4	60	4	1 0	54	13 30
5	20	55	3 40	105	7 0	5	75	5	1 15	55	13 45
6	24	56	3 44	106	7 4	6	90	6	1 30	56	14 0
7	28	57	3 48	107	7 8	7	105	7	1 45	57	14 15
8	32	58	3 52	108	7 12	8	120	8	2 0	58	14 30
9	36	59	3 56	109	7 16	9	135	9	2 15	59	14 45
10	40	60	4 0	110	7 20	10	150	10	2 30	60	15 0
11	44	61	4 4	115	7 40	11	165	11	2 45	61	15 15
12	48	62	4 8	120	8 0	12	180	12	3 0	62	15 30
13	52	63	4 12	125	8 20	13	195	13	3 15	63	15 45
14	56	64	4 16	130	8 40	14	210	14	3 30	64	16 0
15	1 0	65	4 20	135	9 0	15	225	15	3 45	65	16 15
16	1 4	66	4 24	140	9 20	16	240	16	4 0	66	16 30
17	1 8	67	4 28	145	9 40	17	255	17	4 15	67	16 45
18	1 12	68	4 32	150	10 0	18	270	18	4 30	68	17 0
19	1 16	69	4 36	155	10 20	19	285	19	4 45	69	17 15
20	1 20	70	4 40	160	10 40	20	300	20	5 0	70	17 30
21	1 24	71	4 44	165	11 0	21	315	21	5 15	71	17 45
22	1 28	72	4 48	170	11 20	22	330	22	5 30	72	18 0
23	1 32	73	4 52	175	11 40	23	345	23	5 45	73	18 15
24	1 36	74	4 56	180	12 0	24	360	24	6 0	74	18 30
25	1 40	75	5 0	185	12 20	25	375	25	6 15	75	18 45
26	1 44	76	5 4	190	12 40	26	390	26	6 30	76	19 0
27	1 48	77	5 8	195	13 0	27	405	27	6 45	77	19 15
28	1 52	78	5 12	200	13 20	28	420	28	7 0	78	19 30
29	1 56	79	5 16	205	13 40	29	435	29	7 15	79	19 45
30	2 0	80	5 20	210	14 0	30	450	30	7 30	80	20 0
31	2 4	81	5 24	215	14 20	31	465	31	7 45	81	20 15
32	2 8	82	5 28	220	14 40	32	480	32	8 0	82	20 30
33	2 12	83	5 32	225	15 0	33	495	33	8 15	83	20 45
34	2 16	84	5 36	230	15 20	34	510	34	8 30	84	21 0
35	2 20	85	5 40	235	15 40	35	525	35	8 45	85	21 15
36	2 24	86	5 44	240	16 0	36	540	36	9 0	86	21 30
37	2 28	87	5 48	245	16 20	37	555	37	9 15	87	21 45
38	2 32	88	5 52	250	16 40	38	570	38	9 30	88	22 0
39	2 36	89	5 56	255	17 0	39	585	39	9 45	89	22 15
40	2 40	90	6 0	260	17 20	40	600	40	10 0	90	22 30
41	2 44	91	6 4	270	18 0	41	615	41	10 15	91	22 45
42	2 48	92	6 8	280	18 40	42	630	42	10 30	92	23 0
43	2 52	93	6 12	290	19 20	43	645	43	10 45	93	23 15
44	2 56	94	6 16	300	20 0	44	660	44	11 0	94	23 30
45	3 0	95	6 20	310	20 40	45	675	45	11 15	95	23 45
46	3 4	96	6 24	320	21 20	46	690	46	11 30	96	24 0
47	3 8	97	6 28	330	22 0	47	705	47	11 45	97	24 15
48	3 12	98	6 32	340	22 40	48	720	48	12 0	98	24 30
49	3 16	99	6 36	350	23 20	49	735	49	12 15	99	24 45
50	3 20	100	6 40	360	24 0	50	750	50	12 30	100	25 0

N.B.—1° Geographical Longitude equals 4m. in time; 15' Longitude equals 1m. in time; similarly for R.A. also.

TABLE FOR TURNING
DEGREES INTO TIME. TIME INTO DEGREES.

° 0'	H. M. 0'	° 0'	H. M. 0'	° 0'	H. M. 0'	HRS.	°	M. 0'	° 0'	M. 0'	° 0'
'	M. S.	'	M. S.	'	M. S.			S.	' "	S.	' "
0	0	50	3 20	100	6 40	0	0	0	0	50	12 30
1	4	51	3 24	101	6 44	1	15	1	15	51	12 45
2	8	52	3 28	102	6 48	2	30	2	30	52	13 0
3	12	53	3 32	103	6 52	3	45	3	45	53	13 15
4	16	54	3 36	104	6 56	4	60	4	1 0	54	13 30
5	20	55	3 40	105	7 0	5	75	5	1 15	55	13 45
6	24	56	3 44	106	7 4	6	90	6	1 30	56	14 0
7	28	57	3 48	107	7 8	7	105	7	1 45	57	14 15
8	32	58	3 52	108	7 12	8	120	8	2 0	58	14 30
9	36	59	3 56	109	7 16	9	135	9	2 15	59	14 45
10	40	60	4 0	110	7 20	10	150	10	2 30	60	15 0
11	44	61	4 4	115	7 40	11	165	11	2 45	61	15 15
12	48	62	4 8	120	8 0	12	180	12	3 0	62	15 30
13	52	63	4 12	125	8 20	13	195	13	3 15	63	15 45
14	56	64	4 16	130	8 40	14	210	14	3 30	64	16 0
15	1 0	65	4 20	135	9 0	15	225	15	3 45	65	16 15
16	1 4	66	4 24	140	9 20	16	240	16	4 0	66	16 30
17	1 8	67	4 28	145	9 40	17	255	17	4 15	67	16 45
18	1 12	68	4 32	150	10 0	18	270	18	4 30	68	17 0
19	1 16	69	4 36	155	10 20	19	285	19	4 45	69	17 15
20	1 20	70	4 40	160	10 40	20	300	20	5 0	70	17 30
21	1 24	71	4 44	165	11 0	21	315	21	5 15	71	17 45
22	1 28	72	4 48	170	11 20	22	330	22	5 30	72	18 0
23	1 32	73	4 52	175	11 40	23	345	23	5 45	73	18 15
24	1 36	74	4 56	180	12 0	24	360	24	6 0	74	18 30
25	1 40	75	5 0	185	12 20	25	375	25	6 15	75	18 45
26	1 44	76	5 4	190	12 40	26	390	26	6 30	76	19 0
27	1 48	77	5 8	195	13 0	27	405	27	6 45	77	19 15
28	1 52	78	5 12	200	13 20	28	420	28	7 0	78	19 30
29	1 56	79	5 16	205	13 40	29	435	29	7 15	79	19 45
30	2 0	80	5 20	210	14 0	30	450	30	7 30	80	20 0
31	2 4	81	5 24	215	14 20	31	465	31	7 45	81	20 15
32	2 8	82	5 28	220	14 40	32	480	32	8 0	82	20 30
33	2 12	83	5 32	225	15 0	33	495	33	8 15	83	20 45
34	2 16	84	5 36	230	15 20	34	510	34	8 30	84	21 0
35	2 20	85	5 40	235	15 40	35	525	35	8 45	85	21 15
36	2 24	86	5 44	240	16 0	36	540	36	9 0	86	21 30
37	2 28	87	5 48	245	16 20	37	555	37	9 15	87	21 45
38	2 32	88	5 52	250	16 40	38	570	38	9 30	88	22 0
39	2 36	89	5 56	255	17 0	39	585	39	9 45	89	22 15
40	2 40	90	6 0	260	17 20	40	600	40	10 0	90	22 30
41	2 44	91	6 4	270	18 0	41	615	41	10 15	91	22 45
42	2 48	92	6 8	280	18 40	42	630	42	10 30	92	23 0
43	2 52	93	6 12	290	19 20	43	645	43	10 45	93	23 15
44	2 56	94	6 16	300	20 0	44	660	44	11 0	94	23 30
45	3 0	95	6 20	310	20 40	45	675	45	11 15	95	23 45
46	3 4	96	6 24	320	21 20	46	690	46	11 30	96	24 0
47	3 8	97	6 28	330	22 0	47	705	47	11 45	97	24 15
48	3 12	98	6 32	340	22 40	48	720	48	12 0	98	24 30
49	3 16	99	6 36	350	23 20	49	735	49	12 15	99	24 45
50	3 20	100	6 40	360	24 0	50	750	50	12 30	100	25 0

N.B.—1° Geographical Longitude equals 4m. in time; 15' Longitude equals 1m. in time; similarly for R.A. also.

LATITUDES AND LONGITUDES OF SOME IMPORTANT PLACES.

Place.	Lat.	Long.	Place.	Lat.	Long.	Place.	Lat.	Long.
Acapulco (Mex.)	16 48N.	99 54W.	Dublin*	53 23N.	6 20W.	Pekin	39 54N.	116 18 E.
Adelaide*	34 56S.	138 36 E.	Dunedin	45 54S.	170 30 E.	Penang	5 18N.	100 12 E.
Aden	12 48N.	45 0 E.	Durban	29 48S.	31 0 E.	Perim I.	12 36N.	43 24 E.
Alexandria (Eg.)	31 18N.	30 0 E.	Edinburgh*	55 57N.	3 11W.	Peruambuco	8 6S.	34 48W.
Algiers*	36 48N.	3 2 E.	Fernando Po	3 42N.	8 48 E.	Perth, W. Aust.	31 54S.	115 54 E.
Amsterdam	52 24N.	4 54 E.	Florence*	43 45N.	11 16 E.	Porto Rico	18 12N.	66 30W.
Antwerp	51 12N.	4 24 E.	Foochow (Fo-Kien)	26 6N.	119 24 E.	Pretoria	25 48S.	28 48 E.
Athens*	37 58N.	23 44 E.	Galle	6 0N.	80 6 E.	Quebec*	46 48N.	71 12W.
Auckland, N.Z.	36 54S.	174 48 E.	Geneva*	46 12N.	6 9 E.	Quito*	0 14S.	78 50W.
Baltimore	39 18N.	76 42W.	Genoa*	42 25N.	8 55 E.	Rangoon	16 48N.	96 18 E.
Bangkok	13 48N.	100 30 E.	Georgetown (Gu.)	6 48N.	58 12W.	Rio de Janeiro*	22 54S.	43 10W.
Barbadoes I.	13 12N.	59 36W.	Gibraltar	36 6N.	5 18W.	Rome*	41 54N.	12 29 E.
Bathhurst, Africa	13 30N.	16 42W.	Glasgow*	55 53N.	4 18W.	Rotterdam	51 54N.	4 30 E.
Belfast	54 36N.	5 54W.	Greenwich*	51 29N.	0 0	Salonica	40 36N.	23 0 E.
Belize (Hond.)	17 30N.	88 18W.	Guatemala	14 42N.	90 24W.	Salt Lake City	40 48N.	111 54W.
Benguela	12 36S.	13 24 E.	Halifax N.B.	44 36N.	63 36W.	Sandwich Isles	21 —N.	160 —W.
Berlin*	52 30N.	13 24 E.	Hanover	52 24N.	9 42E.	San Francisco*	37 47N.	122 26W.
Bergen*	60 24N.	5 18 E.	Havana	23 36N.	82 24W.	Santiago, Chili*	33 27S.	70 42W.
Bermudas I.	32 18N.	64 48W.	Hobart, Tasm.	42 54S.	147 18 E.	Sierra Leone	8 18N.	13 12W.
Berne*	46 57N.	7 26 E.	Hokitika	42 42S.	171 0 E.	Singapore	1 18N.	103 54 E.
Bologna*	44 30N.	11 21 E.	Hong Kong*	27 18N.	114 10 E.	Smyrna	38 24N.	27 6 E.
Bombay*	18 54N.	72 49 E.	Honolulu (Poly.)	22 18N.	157 48W.	St. John's, Newf.	47 36N.	52 42W.
Bonn*	50 44N.	7 6 E.	Hudson, Ohio*	41 15N.	81 26W.	St. Kitts	17 18N.	62 42W.
Borneo	0 —	115 — E.	Jamaica I.	18 12N.	77 30W.	St. Petersburg*	59 56N.	30 18 E.
Boston, U.S.	42 18N.	71 6W.	Juan Fernandez	33 42S.	78 48W.	St. Thomas I.	18 24N.	65 0W.
Boulogne	50 42N.	1 36 E.	Key West, U.S.	24 36N.	81 48W.	St. Vincent W. I.	13 12N.	61 12W.
Brindisi	40 36N.	18 0 E.	Kingston (Jam.)	18 0N.	76 48W.	Stockholm*	59 21N.	18 3 E.
Brisbane	27 24S.	153 6 E.	Karachi	24 48N.	67 0 E.	Suakin	19 0N.	37 18 E.
Brussels*	50 51N.	4 22 E.	Land's End	50 6N.	5 42W.	Suez	29 54N.	32 24 E.
Bucharest	44 24N.	26 6 E.	Lhasa, Tibet	29 42N.	91 0 E.	Sydney*	33 52S.	151 12 E.
Buenos Ayres	34 30S.	58 18W.	Lima	12 0S.	77 12W.	Tangier	35 48N.	5 48W.
Bushire	29 0N.	50 48 E.	Lisbon*	38 42N.	9 8W.	Tokio*	35 39N.	139 44 E.
Cabal (Af.)	34 30N.	69 12 E.	Madeira I.	32 42N.	17 0W.	Toronto	43 42N.	79 24W.
Cadiz	36 30N.	6 18W.	Madras*	13 4N.	80 15 E.	Trinidad, Cuba	21 42N.	80 6W.
Cairo*	30 5N.	31 17 E.	Madrid*	40 24N.	3 41 W.	Tripoli	32 48N.	13 12 E.
Calcutta	22 36N.	88 30 E.	Malacca	2 12N.	102 18 E.	Tunis	36 48N.	11 0 E.
Canton	23 12N.	113 12 E.	Malta	35 54N.	14 24 E.	Valencia	39 30N.	0 24W.
Cape Verd I.	16 —N.	25 —W.	Manila*	14 35N.	120 57 E.	" I.	51 54N.	10 24W.
" of Good Hope	34 24S.	18 30 E.	Mauritius I.	20 12S.	57 30 E.	Valparaiso	33 0S.	71 42W.
" Town*	33 56S.	18 29 E.	Melbourne*	37 50S.	144 59 E.	Vancouver	49 18N.	123 6W.
Cayenne	4 54N.	52 12W.	Mexico*	19 26N.	99 7W.	Venice*	45 26N.	12 21 E.
Chicago*	41 50N.	87 37W.	Monte Video	34 48S.	56 18W.	Vienna*	48 14N.	16 20 E.
Christchurch, N.Z.	43 30S.	172 42 E.	Montreal*	45 30N.	73 35W.	Vigo	42 12N.	8 42W.
Christiania*	59 55N.	10 43 E.	Moscow*	55 45N.	37 34 E.	Vilna, Russia*	54 41N.	25 17 E.
Cincinnati*	39 8N.	84 25W.	Mozambique	14 54S.	40 42 E.	Virginia,* U.S.	38 2N.	78 31W.
Colombo	6 54N.	79 48 E.	Nagasaki	32 42N.	129 54 E.	Warsaw*	52 13N.	21 2 E.
Columbia,* U.S.A.	38 57N.	92 19W.	Naples	40 52N.	14 15 E.	Washington*	38 54N.	77 3W.
Conception Pt.	34 24N.	120 30W.	Newfoundland	48 42N.	56 24W.	Wellington, N.Z.	41 18S.	174 48 E.
Constantinople	41 0N.	28 54 E.	New Orleans	30 0N.	90 0W.	Williamstown,* Mass.	42 43N.	73 13W.
Copenhagen*	55 41N.	12 35 E.	New York*	40 45N.	73 58W.	" *N.S.W.	37 52S.	144 55 E.
Coquimbo	29 54S.	71 18W.	Odessa*	46 29N.	30 46 E.	Windsor, N.S.W.*	33 36S.	150 50 E.
Cracow*	50 4N.	19 58 E.	Ottawa	45 0N.	75 42W.	Winnipeg	49 54N.	97 6W.
Delagoa Bay	26 —S.	33 — E.	Panama	9 0N.	79 0W.	Zanzibar	6 12S.	39 18 E.
Demerara R.	6 48N.	58 12W.	Paris*	48 50N.	2 20 E.	Zurich*	47 23N.	8 33 E.
Dresden*	51 2N.	13 44 E.						

NOTE. Spellings may vary. The latitudes and longitudes given above are taken from *Philips' Systematic Atlas*, where they are given to the nearest tenth of a degree. Where towns possess observatories, however, the data of the latter are given, correct to within half a minute; these are indicated by an asterisk. In the case of islands, etc., the above are, of course, the main positions.

As a guide to the actual significance of a difference in longitude or latitude of 6' or less, it may be mentioned that 1' of longitude = about 1.15 miles at the Equator, and about 0.74 miles in latitude 50°, while 1' of latitude uniformly = about one mile: hence the limit of error in the above is at greatest less than six miles.

TABLE OF CORRECTION BETWEEN MEAN AND SIDEREAL TIME

(The correction is to be added to M.T. to make it equal to S.T.; and conversely, if it be required to convert sidereal to mean time, the correction may be subtracted from S.T. to reduce it to M.T.)

HOURS			MINUTES				SECONDS				
Mean-time	Cor. to S.T.		M. T.	Cor. to S.T.		M. T.	Cor. to S.T.		M. T.	Cor. to S.T.	
H.	M.	S.	M.	S.	M.	S.	S.	S.	S.	S.	S.
0	0	0.00	0	0.00	30	4.93	0	0.00	30	.08	
1	0	9.86	1	0.16	31	5.09	1	.00	31	.08	
2	0	19.71	2	0.33	32	5.26	2	.01	32	.09	
3	0	29.57	3	0.49	33	5.42	3	.01	33	.09	
4	0	39.43	4	0.66	34	5.59	4	.01	34	.09	
5	0	49.28	5	0.82	35	5.75	5	.01	35	.10	
6	0	59.14	6	0.99	36	5.91	6	.02	36	.10	
7	1	9.00	7	1.15	37	6.08	7	.02	37	.10	
8	1	18.85	8	1.31	38	6.24	8	.02	38	.10	
9	1	28.71	9	1.48	39	6.41	9	.02	39	.11	
10	1	38.57	10	1.64	40	6.57	10	.03	40	.11	
11	1	48.42	11	1.81	41	6.74	11	.03	41	.11	
12	1	58.28	12	1.97	42	6.90	12	.03	42	.11	
13	2	8.13	13	2.14	43	7.06	13	.04	43	.12	
14	2	17.99	14	2.30	44	7.23	14	.04	44	.12	
15	2	27.85	15	2.46	45	7.39	15	.04	45	.12	
16	2	37.70	16	2.63	46	7.56	16	.04	46	.13	
17	2	47.56	17	2.79	47	7.72	17	.05	47	.13	
18	2	57.42	18	2.96	48	7.88	18	.05	48	.13	
19	3	7.27	19	3.12	49	8.05	19	.05	49	.13	
20	3	17.13	20	3.29	50	8.21	20	.05	50	.14	
21	3	26.99	21	3.45	51	8.38	21	.06	51	.14	
22	3	36.84	22	3.61	52	8.54	22	.06	52	.14	
23	3	46.70	23	3.78	53	8.71	23	.06	53	.15	
24	3	56.56	24	3.94	54	8.87	24	.07	54	.15	
25	4	6.40	25	4.11	55	9.03	25	.07	55	.15	
26	4	16.26	26	4.27	56	9.20	26	.07	56	.15	
27	4	26.13	27	4.44	57	9.36	27	.07	57	.16	
28	4	36.00	28	4.60	58	9.53	28	.08	58	.16	
29	4	45.86	29	4.76	59	9.69	29	.08	59	.16	
30	4	55.71	30	4.93	60	9.86	30	.08	60	.16	

TERRESTRIAL DISTANCES.

Latitude	Latitude.		Longitude.	
	1° in mls.	1' in ft.	1° in mls.	1' in ft.
0°	68.7019	6045.77	69.1721	6087.18
10	68.7231	6047.63	68.1286	5995.32
20	68.7840	6052.98	65.0268	5722.36
30	68.8776	6061.23	59.9562	5276.14
40	68.9926	6071.35	53.0639	4669.62
45	69.0540	6076.75	48.9958	4311.63
50	69.1154	6082.16	44.5523	3920.60
55	69.1751	6087.41	39.7666	3499.46
60	69.2311	6092.34	34.6748	3051.38
70	69.3257	6100.66	23.7298	2088.22
80	69.3875	6106.10	12.0515	1060.53
90	69.4090	6108.00	0	0

From the *English Mechanic* 3/1/08, p. 495.

Decl. R.A. Degree of Zodiac

0	0 0	♈ 0 0
1	2 18	2 31
2	4 37	5 2
3	6 56	7 33
4	9 16	10 6
5	11 38	12 39
6	14 1	15 14
7	16 26	17 50
8	18 54	20 28
9	21 25	23 9
10	23 59	25 52
11	26 37	28 39
12	29 20	1 30
13	32 9	♌ 4 25
14	35 5	7 26
15	38 9	10 34
16	41 23	13 51
17	44 49	17 17
18	48 30	20 57
19	52 32	24 54
20	57 3	29 15
21	62 15	♊ 4 14
22	68 39	10 17
23	78 7	19 4
23°27'	90 0	♉ 0 0
23	101 53	10 56
22	111 21	19 43
21	117 45	25 46
20	122 57	♋ 0 45
19	127 28	5 6
18	131 30	9 3
17	135 11	12 43
16	138 37	16 9
15	141 51	19 26
14	144 55	22 34
13	147 51	25 35
12	150 40	28 30
11	153 23	♈ 1 21
10	156 1	4 8
9	158 35	6 51
8	161 6	9 32
7	163 34	12 10
6	165 59	14 46
5	168 22	17 21
4	170 44	19 54
3	173 4	22 27
2	175 23	24 58
1	177 42	27 29
0	180 0	♌ 0 0

The points of the Zodiac having even degrees of declination are as follows: the difference for intermediate degrees and minutes can be found by simple proportion, when necessary. The corresponding Right Ascension is also given: add 180° when dec. is S., or when the Zodiacal degree lies between ♌ 0° and ♋ 29°.

0° ♈ to 29° ♈ North declination, 0° ♋ to 29° ♋ South declination.

DECLINATION OF ZODIACAL (OR ECLIPTIC) DEGREES

PERPETUAL TABLE OF PLANETARY HOURS FOR ALL PLACES * * *

INSTRUCTIONS FOR USE

☉	THE SUN	rules	Sunday.	♃	JUPITER	rules	Thursday
☾	THE MOON	..	Monday.	♀	VENUS	..	Friday.
♂	MARS	..	Tuesday.	♄	SATURN	..	Saturday.
☿	MERCURY	..	Wednesday.				

1.—FIRST find the table containing the MONTH; but see that it is for the right hemisphere, north or south as the case may be. There are six tables, each one being for two months of the year in the Northern Hemisphere and also for the corresponding two months in the Southern Hemisphere.

2.—The two outer columns give the planetary hours from I. to XXIV., counting from midnight to midnight; the first planetary hour commencing at midnight, and continuing until the time mentioned as the commencement of the second planetary hour; and so on with the others. Remember that VII is always sunrise, and XIX sunset. Do not mistake the planetary hours, indicated by Roman numerals, for the clock time—which is given in figures, as in a railway time-table.

3.—The next three columns, on either side, show the times of commencement of these different planetary hours for different parallels of latitude. Choose the column for the nearest latitude to the place in which you live—if London 50°, New York 40°, Bombay 20°, Melbourne 40°, and so on—and find the time of day for which you wish to discover the planetary ruler: (observe that midnight counts as 0.0 a.m., and noon as 0.0 p.m.). If the exact time you are looking for does not appear, take the nearest time earlier, of course.

4.—The middle columns give the planetary rulers for each planetary hour, for every day of the week; for instance, the fifteenth planetary hour on Wednesday is ruled by the Moon, and in the month of January commences at 1.18 p.m. for all places near London.

EXAMPLE.—Suppose we want to find what planet rules at DINNER TIME ON CHRISTMAS DAY, Tuesday, December 25th, 1906.

We turn to the Table for December and January and find that at noon on a Tuesday the rulership of Jupiter commences, this planet ruling the XIII. planetary hour on that day. This rulership continues from noon to 0.57 p.m. for all places in N. lat. 10°, 0.46 in N. lat. 40°, but only until 0.27 p.m. in N. lat. 60° (e.g., St. Petersburg).

Hence, if we take 1 p.m. as the average dinner-hour on Christmas Day, we find the influence of Jupiter will have passed and that of Mars come to the front, while at St. Petersburg the hour of Mars will be already over and that of the Sun entered upon. On the other hand, at Melbourne (38° S.), the hour of Jupiter extends from noon to 1.14 p.m., so that all punctual keepers of the festival there would commence their celebration under the beneficent influence of Jupiter, which would be quite appropriate for a jovial banquet.

The table may be used another way. Suppose we want to find what are the planetary hours under Jupiter on a Thursday. These are VII., XIV. and XXI.—always the strongest planetary hours of any day, by the way, since they are under the governance of the planetary ruler of the day: (this statement should be verified by a reference to the tables). The times when these hours commence, in different parts of the world, can then be seen at a glance from the appropriate columns.

NOTES FOR STUDENTS.—(1) The six tables are calculated respectively for the 21st of December or June, 5th of February or August, and 1st of March or September; so that the exact commencement of any planetary hour may be calculated, should this be desired. (2) These tables are constructed for what is, strictly speaking, true solar time at the places mentioned, and this should be taken into account in exact work. (3) Near the Equinoxes, viz., March 21st and September 21st, the planetary hours practically coincide with the hours of the clock all over the world. (4) Each hour is divided into fifteen "degrees," the first, eighth and last of which are ruled by the planet ruling the hour, and the remainder by the other planets taken in the same order as in the columns of the tables read downwards, namely ♃ ♄ ☉ ♁ ♀ ☽.

DECEMBER OR JANUARY IN THE *Northern Hemisphere.*
 JUNE OR JULY IN THE *Southern Hemisphere.*

Planetary Hour.	Latitude of Place and Clock Time.			Days of the Week and Planets.							Latitude of Place and Clock Time.			Planetary Hour.
	10°	20°	30°	S.	M.	T.	W.	T.	F.	S.	40°	50°	60°	
I	A.M. 0.0	A.M. 0.0	A.M. 0.0	♀	♃	♄	♅	♆	♇	♁	A.M. 0.0	A.M. 0.0	A.M. 0.0	I
II	1.3	1.6	1.10	♁	♃	♄	♅	♆	♇	♁	1.14	1.21	1.32	II
III	2.6	2.12	2.19	♅	♃	♄	♅	♆	♇	♁	2.28	2.42	3.5	III
IV	3.9	3.18	3.29	♃	♄	♅	♆	♇	♁	♃	3.42	4.3	4.37	IV
V	4.12	4.24	4.38	♄	♅	♆	♇	♁	♃	♄	4.56	5.24	6.10	V
VI	5.15	5.30	5.48	♆	♇	♁	♃	♄	♅	♆	5.10	6.45	7.42	VI
VII	6.18	6.36	6.58	♁	♃	♄	♅	♆	♇	♁	7.25	8.5	9.15	VII
VIII	7.15	7.30	7.48	♃	♄	♅	♆	♇	♁	♃	8.10	8.45	9.42	VIII
IX	8.12	8.24	8.38	♄	♅	♆	♇	♁	♃	♄	8.56	9.24	10.10	IX
X	9.9	9.18	9.29	♅	♆	♇	♁	♃	♄	♅	9.42	10.3	10.37	X
XI	10.6	10.12	10.19	♆	♇	♁	♃	♄	♅	♆	10.28	10.42	11.5	XI
XII	11.3	11.6	11.10	♁	♃	♄	♅	♆	♇	♁	11.14	11.21	11.32	XII
XIII	P.M. 0.0	P.M. 0.0	P.M. 0.0	♃	♄	♅	♆	♇	♁	♃	P.M. 0.0	P.M. 0.0	P.M. 0.0	XIII
XIV	0.57	0.54	0.50	♅	♆	♇	♁	♃	♄	♅	0.46	0.39	0.27	XIV
XV	1.54	1.48	1.41	♆	♇	♁	♃	♄	♅	♆	1.32	1.18	0.55	XV
XVI	2.51	2.42	2.31	♁	♃	♄	♅	♆	♇	♁	2.18	1.57	1.22	XVI
XVII	3.48	3.36	3.22	♃	♄	♅	♆	♇	♁	♃	3.4	2.36	1.50	XVII
XVIII	4.45	4.30	4.12	♄	♅	♆	♇	♁	♃	♄	3.50	3.15	2.17	XVIII
XIX	5.42	5.24	5.2	♅	♆	♇	♁	♃	♄	♅	4.35	3.55	2.45	XIX
XX	6.45	6.30	6.12	♆	♇	♁	♃	♄	♅	♆	5.50	5.15	4.17	XX
XXI	7.48	7.36	7.22	♁	♃	♄	♅	♆	♇	♁	7.4	6.36	5.50	XXI
XXII	8.51	8.42	8.31	♃	♄	♅	♆	♇	♁	♃	8.18	7.57	7.22	XXII
XXIII	9.54	9.48	9.41	♄	♅	♆	♇	♁	♃	♄	9.32	9.18	8.55	XXIII
XXIV	10.57	10.54	10.50	♅	♆	♇	♁	♃	♄	♅	10.46	10.39	10.27	XXIV

JUNE OR JULY IN THE *Northern Hemisphere.*
 DECEMBER OR JANUARY IN THE *Southern Hemisphere.*

Planetary Hour.	Latitude of Place and Clock Time.			Days of the Week and Planets.							Latitude of Place and Clock Time.			Planetary Hour.
	10°	20°	30°	S.	M.	T.	W.	T.	F.	S.	40°	50°	60°	
I	A.M. 0.0	A.M. 0.0	A.M. 0.0	♀	♃	♄	♅	♆	♇	♁	0.0	0.0	0.0	I
II	0.57	0.54	0.50	♁	♃	♄	♅	♆	♇	♁	0.46	0.39	0.27	II
III	1.54	1.48	1.41	♅	♆	♇	♁	♃	♄	♅	1.32	1.18	0.55	III
IV	2.51	2.42	2.31	♃	♄	♅	♆	♇	♁	♃	2.18	1.57	1.22	IV
V	3.48	3.36	3.22	♄	♅	♆	♇	♁	♃	♄	3.4	2.36	1.50	V
VI	4.45	4.30	4.12	♆	♇	♁	♃	♄	♅	♆	3.50	3.15	2.17	VI
VII	5.42	5.24	5.2	♁	♃	♄	♅	♆	♇	♁	4.35	3.55	2.45	VII
VIII	6.45	6.30	6.12	♃	♄	♅	♆	♇	♁	♃	5.50	5.15	4.17	VIII
IX	7.48	7.36	7.22	♄	♅	♆	♇	♁	♃	♄	7.4	6.36	5.50	IX
X	8.51	8.42	8.31	♅	♆	♇	♁	♃	♄	♅	8.18	7.57	7.22	X
XI	9.54	9.48	9.41	♆	♇	♁	♃	♄	♅	♆	9.32	9.18	8.55	XI
XII	10.57	10.54	10.50	♁	♃	♄	♅	♆	♇	♁	10.46	10.39	10.27	XII
XIII	P.M. 0.0	P.M. 0.0	P.M. 0.0	♃	♄	♅	♆	♇	♁	♃	P.M. 0.0	P.M. 0.0	P.M. 0.0	XIII
XIV	1.3	1.6	1.10	♅	♆	♇	♁	♃	♄	♅	1.14	1.21	1.32	XIV
XV	2.6	2.12	2.19	♆	♇	♁	♃	♄	♅	♆	2.28	2.42	3.5	XV
XVI	3.9	3.18	3.29	♁	♃	♄	♅	♆	♇	♁	3.42	4.3	4.37	XVI
XVII	4.12	4.24	4.38	♃	♄	♅	♆	♇	♁	♃	4.56	5.24	6.10	XVII
XVIII	5.15	5.30	5.48	♄	♅	♆	♇	♁	♃	♄	5.10	6.45	7.42	XVIII
XIX	6.18	6.36	6.58	♅	♆	♇	♁	♃	♄	♅	7.25	8.5	9.15	XIX
XX	7.15	7.30	7.48	♆	♇	♁	♃	♄	♅	♆	8.10	8.45	9.42	XX
XXI	8.12	8.24	8.38	♁	♃	♄	♅	♆	♇	♁	8.56	9.24	10.10	XXI
XXII	9.9	9.18	9.29	♃	♄	♅	♆	♇	♁	♃	9.42	10.3	10.37	XXII
XXIII	10.6	10.12	10.19	♄	♅	♆	♇	♁	♃	♄	10.28	10.42	11.5	XXIII
XXIV	11.3	11.6	11.10	♅	♆	♇	♁	♃	♄	♅	11.14	11.21	11.32	XXIV

FEBRUARY OR NOVEMBER IN THE *Northern Hemisphere.*

AUGUST OR MAY IN THE *Southern Hemisphere.*

Planetary Hour.	Latitude of Place and Clock Time.			Days of the Week and Planets.							Latitude of Place and Clock Time.			Planetary Hour.
	10°	20°	30°	S.	M.	T.	W.	T.	F.	S.	40°	50°	60°	
I	A.M. 0.0	A.M. 0.0	A.M. 0.0	♀	♃	♁	♃	♂	♃	♃	A.M. 0.0	A.M. 0.0	A.M. 0.0	I
II	1.2	1.4	1.6	♃	♃	♀	♃	♁	♃	♂	1.9	1.13	1.20	II
III	2.4	2.8	2.12	♃	♁	♃	♃	♀	♃	♁	2.18	2.27	2.40	III
IV	3.6	3.12	3.19	♃	♁	♃	♁	♃	♃	♀	3.28	3.40	4.0	IV
V	4.8	4.16	4.25	♃	♀	♃	♁	♃	♁	♃	4.37	4.54	5.20	V
VI	5.10	5.20	5.31	♂	♃	♃	♀	♃	♁	♃	5.46	6.7	6.40	VI
VII	6.12	6.24	6.38	♁	♃	♁	♃	♃	♀	♃	6.56	7.20	7.59	VII
VIII	7.10	7.20	7.31	♀	♃	♁	♃	♁	♃	♃	7.46	8.7	8.40	VIII
IX	8.8	8.16	8.25	♃	♃	♀	♃	♁	♃	♁	8.37	8.54	9.20	IX
X	9.6	9.12	9.19	♃	♁	♃	♃	♀	♃	♁	9.28	9.40	10.0	X
XI	10.4	10.8	10.12	♃	♁	♃	♁	♃	♃	♀	10.18	10.27	10.40	XI
XII	11.2	11.4	11.7	♃	♀	♃	♁	♃	♁	♃	11.9	11.13	11.20	XII
XIII	P.M. 0.0	P.M. 0.0	P.M. 0.0	♁	♃	♃	♀	♃	♁	♃	P.M. 0.0	P.M. 0.0	P.M. 0.0	XIII
XIV	0.58	0.56	0.54	♁	♃	♁	♃	♃	♀	♃	0.51	0.47	0.40	XIV
XV	1.56	1.52	1.48	♀	♃	♁	♃	♁	♃	♃	1.42	1.34	1.20	XV
XVI	2.54	2.48	2.42	♀	♃	♀	♃	♁	♃	♁	2.32	2.20	2.0	XVI
XVII	3.52	3.44	3.35	♃	♁	♃	♃	♀	♃	♁	3.23	3.6	2.40	XVII
XVIII	4.50	4.40	4.29	♃	♁	♃	♁	♃	♃	♀	4.14	3.53	3.20	XVIII
XIX	5.48	5.36	5.22	♃	♀	♃	♁	♃	♁	♃	5.4	4.40	4.1	XIX
XX	6.50	6.40	6.29	♁	♃	♃	♀	♃	♁	♃	6.14	5.53	5.20	XX
XXI	7.52	7.44	7.35	♁	♃	♁	♃	♃	♀	♃	7.23	7.6	6.40	XXI
XXII	8.54	8.48	8.42	♀	♃	♁	♃	♁	♃	♃	8.32	8.20	8.0	XXII
XXIII	9.56	9.52	9.48	♀	♃	♀	♃	♁	♃	♁	9.42	9.34	9.20	XXIII
XXIV	10.58	10.56	10.54	♃	♁	♃	♁	♃	♁	♃	10.51	10.47	10.40	XXIV

AUGUST OR MAY IN THE *Northern Hemisphere.*

FEBRUARY OR NOVEMBER IN THE *Southern Hemisphere.*

Planetary Hour.	Latitude of Place and Clock Time.			Days of the Week and Planets.							Latitude of Place and Clock Time.			Planetary Hour.
	10°	20°	30°	S.	M.	T.	W.	T.	F.	S.	40°	50°	60°	
I	A.M. 0.0	A.M. 0.0	A.M. 0.0	♀	♃	♁	♃	♂	♃	♃	A.M. 0.0	A.M. 0.0	A.M. 0.0	I
II	0.58	0.56	0.54	♃	♃	♀	♃	♁	♃	♁	0.51	0.47	0.40	II
III	1.56	1.52	1.48	♃	♁	♃	♃	♀	♃	♁	1.42	1.34	1.20	III
IV	2.54	2.48	2.42	♃	♁	♃	♁	♃	♃	♀	2.32	2.20	2.0	IV
V	3.52	3.44	3.35	♃	♀	♃	♁	♃	♁	♃	3.23	3.6	2.40	V
VI	4.50	4.40	4.29	♁	♃	♃	♀	♃	♁	♃	4.14	3.53	3.20	VI
VII	5.48	5.36	5.22	♁	♃	♁	♃	♃	♀	♃	5.4	4.40	4.1	VII
VIII	6.50	6.40	6.29	♀	♃	♁	♃	♁	♃	♃	6.14	5.53	5.20	VIII
IX	7.52	7.44	7.35	♀	♃	♀	♃	♁	♃	♁	7.23	7.6	6.40	IX
X	8.54	8.48	8.42	♃	♁	♃	♃	♀	♃	♁	8.32	8.20	8.0	X
XI	9.56	9.52	9.48	♃	♁	♃	♁	♃	♃	♀	9.42	9.34	9.20	XI
XII	10.58	10.56	10.54	♃	♀	♃	♁	♃	♁	♃	10.51	10.47	10.40	XII
XIII	P.M. 0.0	P.M. 0.0	P.M. 0.0	♁	♃	♃	♀	♃	♁	♃	P.M. 0.0	P.M. 0.0	P.M. 0.0	XIII
XIV	1.2	1.4	1.6	♁	♃	♁	♃	♃	♀	♃	1.9	1.13	1.20	XIV
XV	2.4	2.8	2.12	♀	♃	♁	♃	♁	♃	♃	2.18	2.27	2.40	XV
XVI	3.6	3.12	3.19	♀	♃	♀	♃	♁	♃	♁	3.28	3.40	4.0	XVI
XVII	4.8	4.16	4.25	♃	♁	♃	♃	♀	♃	♁	4.37	4.54	5.20	XVII
XVIII	5.10	5.20	5.31	♃	♁	♃	♁	♃	♃	♀	5.46	6.7	6.40	XVIII
XIX	6.12	6.24	6.38	♃	♀	♃	♁	♃	♁	♃	6.56	7.20	7.59	XIX
XX	7.10	7.20	7.31	♁	♃	♃	♀	♃	♁	♃	7.46	8.7	8.40	XX
XXI	8.8	8.16	8.25	♁	♃	♁	♃	♃	♀	♃	8.37	8.54	9.20	XXI
XXII	9.6	9.12	9.19	♀	♃	♁	♃	♁	♃	♃	9.28	9.40	10.0	XXII
XXIII	10.4	10.8	10.12	♀	♃	♀	♃	♁	♃	♁	10.18	10.27	10.40	XXIII
XXIV	11.2	11.4	11.7	♃	♁	♃	♁	♃	♁	♃	11.9	11.13	11.20	XXIV

MARCH OR OCTOBER IN THE Northern Hemisphere.
 SEPTEMBER OR APRIL IN THE Southern Hemisphere.

Planetary Hour	Latitude of Place and Clock Time.			Days of the Week and Planets.							Latitude of Place and Clock Time.			Planetary Hour
	10°	20°	30°	S.	M.	T.	W.	T.	F.	S.	40°	50°	60°	
I	A.M. 0.0	A.M. 0.0	A.M. 0.0	♀	♃	☉	♃	♂	♁	♃	A.M. 0.0	A.M. 0.0	A.M. 0.0	I
II	1.1	1.2	1.3	♁	♃	♀	♁	☉	♃	♂	1.4	1.6	1.9	II
III	2.2	2.4	2.6	♃	♂	♁	♁	♀	♁	☉	2.9	2.13	2.18	III
IV	3.3	3.6	3.9	♁	☉	♃	♂	♁	♃	♀	3.13	3.19	3.28	IV
V	4.4	4.8	4.12	♃	♀	♁	☉	♃	♂	♁	4.18	4.26	4.37	V
VI	5.5	5.10	5.15	♂	♁	♃	♀	♁	☉	♃	5.22	5.32	5.46	VI
VII	6.6	6.12	6.19	☉	♃	♂	♁	♃	♀	♁	6.27	6.39	6.56	VII
VIII	7.5	7.10	7.15	♀	♁	☉	♃	♂	♁	♃	7.22	7.32	7.46	VIII
IX	8.4	8.8	8.12	♁	♃	♀	♁	☉	♃	♂	8.18	8.26	8.37	IX
X	9.3	9.6	9.9	♃	♂	♁	♃	♀	♁	☉	9.13	9.19	9.28	X
XI	10.2	10.4	10.6	♁	☉	♃	♂	♁	♃	♀	10.9	10.13	10.18	XI
XII	11.1	11.2	11.3	♃	♀	♁	☉	♃	♂	♁	11.4	11.6	11.9	XII
XIII	P.M. 0.0	P.M. 0.0	P.M. 0.0	♂	♁	♃	♀	♁	☉	♃	P.M. 0.0	P.M. 0.0	P.M. 0.0	XIII
XIV	0.59	0.58	0.57	☉	♃	♂	♁	♃	♀	♁	0.56	0.54	0.51	XIV
XV	1.58	1.56	1.54	♀	♁	☉	♃	♂	♁	♃	1.51	1.47	1.42	XV
XVI	2.57	2.54	2.51	♁	♃	♀	♁	☉	♃	♂	2.47	2.41	2.32	XVI
XVII	3.56	3.52	3.48	♃	♂	♁	♃	♀	♁	☉	3.42	3.34	3.23	XVII
XVIII	4.55	4.50	4.45	♁	☉	♃	♂	♁	♃	♀	4.38	4.28	4.14	XVIII
XIX	5.54	5.48	5.41	♃	♀	♁	☉	♃	♂	♁	5.33	5.21	5.4	XIX
XX	6.55	6.50	6.45	♂	♁	♃	♀	♁	☉	♃	6.38	6.28	6.14	XX
XXI	7.56	7.52	7.48	☉	♃	♂	♁	♃	♀	♁	7.42	7.34	7.23	XXI
XXII	8.57	8.54	8.51	♀	♁	☉	♃	♂	♁	♃	8.47	8.41	8.32	XXII
XXIII	9.58	9.56	9.54	♁	♃	♀	♁	☉	♃	♂	9.51	9.47	9.42	XXIII
XXIV	10.59	10.58	10.57	♃	♂	♁	♃	♀	♁	☉	10.56	10.54	10.51	XXIV

SEPTEMBER OR APRIL IN THE Northern Hemisphere.
 MARCH OR OCTOBER IN THE Southern Hemisphere.

Planetary Hour	Latitude of Place and Clock Time.			Days of the Week and Planets.							Latitude of Place and Clock Time.			Planetary Hour
	10°	20°	30°	S.	M.	T.	W.	T.	F.	S.	40°	50°	60°	
I	A.M. 0.0	A.M. 0.0	A.M. 0.0	♀	♃	☉	♃	♂	♁	♃	A.M. 0.0	A.M. 0.0	A.M. 0.0	I
II	0.59	0.58	0.57	♁	♃	♀	♁	☉	♃	♂	0.56	0.54	0.51	II
III	1.58	1.56	1.54	♃	♂	♁	♃	♀	♁	☉	1.51	1.47	1.42	III
IV	2.57	2.54	2.51	♁	☉	♃	♂	♁	♃	♀	2.47	2.41	2.32	IV
V	3.56	3.52	3.48	♃	♀	♁	☉	♃	♂	♁	3.42	3.34	3.23	V
VI	4.55	4.50	4.45	♂	♁	♃	♀	♁	☉	♃	4.38	4.28	4.14	VI
VII	5.54	5.48	5.41	☉	♃	♂	♁	♃	♀	♁	5.33	5.21	5.4	VII
VIII	6.55	6.50	6.45	♀	♁	☉	♃	♂	♁	♃	6.38	6.28	6.14	VIII
IX	7.56	7.52	7.48	♁	♃	♀	♁	☉	♃	♂	7.42	7.34	7.23	IX
X	8.57	8.54	8.51	♃	♂	♁	♃	♀	♁	☉	8.47	8.41	8.32	X
XI	9.58	9.56	9.54	♁	☉	♃	♂	♁	♃	♀	9.51	9.47	9.42	XI
XII	10.59	10.58	10.57	♃	♀	♁	☉	♃	♂	♁	10.56	10.54	10.51	XII
XIII	P.M. 0.0	P.M. 0.0	P.M. 0.0	♂	♁	♃	♀	♁	☉	♃	P.M. 0.0	P.M. 0.0	P.M. 0.0	XIII
XIV	1.1	1.2	1.3	☉	♃	♂	♁	♃	♀	♁	1.4	1.6	1.9	XIV
XV	2.2	2.4	2.6	♀	♁	☉	♃	♂	♁	♃	2.9	2.13	2.18	XV
XVI	3.3	3.6	3.9	♁	♃	♀	♁	☉	♃	♂	3.13	3.19	3.28	XVI
XVII	4.4	4.8	4.12	♃	♂	♁	♃	♀	♁	☉	4.18	4.26	4.37	XVII
XVIII	5.5	5.10	5.15	♁	☉	♃	♂	♁	♃	♀	5.22	5.32	5.46	XVIII
XIX	6.6	6.12	6.19	♃	♀	♁	☉	♃	♂	♁	6.27	6.39	6.56	XIX
XX	7.5	7.10	7.15	♂	♁	♃	♀	♁	☉	♃	7.22	7.32	7.46	XX
XXI	8.4	8.8	8.12	☉	♃	♂	♁	♃	♀	♁	8.18	8.26	8.37	XXI
XXII	9.3	9.6	9.9	♀	♁	☉	♃	♂	♁	♃	9.13	9.19	9.28	XXII
XXIII	10.2	10.4	10.6	♁	♃	♀	♁	☉	♃	♂	10.9	10.13	10.18	XXIII
XXIV	11.1	11.2	11.3	♃	♂	♁	♃	♀	♁	☉	11.4	11.6	11.9	XXIV

SUPPLEMENTARY NOTE.

THE PROGRESSED HOROSCOPE.

THE curiosity of some readers may have been aroused by the heading "Progress for 1908," found in the map-form reproduced on p. viii. This term is used to indicate the position of the Sun and Moon in the progressed horoscope for the current year, and is useful in showing at a glance the stage reached by the luminaries in their progress through the signs. Space does not permit of more than a mere allusion to this subject, on which a treatise is already published,¹ but it may be said in brief that the progressed horoscope is "a map erected for the hour and minute of birth, on a day subsequent to that of birth"—the *second day* corresponding to the *second year* of life, and so on in due order. In short, it may be likened to the yearly budding and flowering of a plant, of which the 'Radix' or horoscope of birth represents the parent stem.

In this way, through the medium of the Progressive Horoscope, as it is aptly termed, the latent powers of the native are brought to fruition. And while it must be borne in mind that 'grapes are not gathered of thorns, nor figs of thistles,' yet in the same way that these must bud and bear before their fruit can delight or their spines annoy and thus declare the true nature of the plant, so the "progressed horoscope" ever proves the true test and interpreter of the nativity.

Nevertheless, to judge of the fruit one must study the tree; so let the student be warned not to expect from favourable "directions" that which is not promised in the birth-figure. To which end, let him study to judge the nativity when calculated.

¹ *The Progressed Horoscope*, uniform with *How to Judge a Nativity* and with this book.

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Jan set year = to 5 a.m. 1/2
 Feb " " = to 4 p.m. 5/2
 March " " = to 12 p.m. 7/2 = (2nd) set under
 April " " = to 8 a.m. 10/2 = (3rd) set under
 total 203
 Apr 1911

9.44.30
9.1.30.

0.43.0

