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Epitome astronomiae copernicanae usitata forma quaestionum & responsionum conscripta, inque VII. libros digesta...

Kepler, Johannes

Lentijs ad Danubium [Linz], 1618-1622

ETH-Bibliothek Zürich

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Tabellen

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| Ascensio recta | | | Declin: | | Angul ^o | Tabula Ascensionum | | | | |
|----------------|-----|----|---------|---------|--------------------|--------------------|---------|-------|--------|------------|
| V | Gr: | Co | V | Gr. Mi. | M. cū E: | Rectarū | Declin: | Eclip | & Ang: | M. cū Ecl: |
| Gr: | Gr: | Mi | Gr. | Mi. | Gr. Mi. | | | | | |

| | | | | | | | | | |
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| 0 | 0 | 180 | 0 | 0. 0 | 66.29 | 180 | 360 | 0 | 30 |
| 1 | 0 | 180 | 55 | 0.24 | 66.29 | 179 | 359 | 5 | 29 |
| 2 | 1 | 181 | 50 | 0.48 | 66.29 | 178 | 358 | 10 | 28 |
| 3 | 2 | 182 | 45 | 1.12 | 66.30 | 177 | 357 | 15 | 27 |
| 4 | 3 | 183 | 40 | 1.36 | 66.32 | 176 | 356 | 20 | 26 |
| 5 | 4 | 184 | 35 | 2. 0 | 66.33 | 175 | 355 | 25 | 25 |
| 6 | 5 | 185 | 30 | 2.23 | 66.35 | 174 | 354 | 30 | 24 |
| 7 | 6 | 186 | 25 | 2.47 | 66.38 | 173 | 353 | 35 | 23 |
| 8 | 7 | 187 | 21 | 3.11 | 66.41 | 172 | 352 | 39 | 22 |
| 9 | 8 | 188 | 16 | 3.35 | 66.44 | 171 | 351 | 44 | 21 |
| 10 | 9 | 189 | 11 | 3.58 | 66.48 | 170 | 350 | 49 | 20 |
| 11 | 10 | 190 | 6 | 4.22 | 66.52 | 169 | 349 | 54 | 19 |
| 12 | 11 | 191 | 2 | 4.46 | 66.56 | 168 | 348 | 58 | 18 |
| 13 | 11 | 191 | 57 | 5. 9 | 67. 1 | 168 | 348 | 3 | 17 |
| 14 | 12 | 192 | 53 | 5.32 | 67. 6 | 167 | 347 | 7 | 16 |
| 15 | 13 | 193 | 48 | 5.56 | 67.12 | 166 | 346 | 12 | 15 |
| 16 | 14 | 194 | 44 | 6.19 | 67.18 | 165 | 345 | 16 | 14 |
| 17 | 15 | 195 | 40 | 6.42 | 67.24 | 164 | 344 | 20 | 13 |
| 18 | 16 | 196 | 35 | 7. 5 | 67.31 | 163 | 343 | 25 | 12 |
| 19 | 17 | 197 | 31 | 7.28 | 67.38 | 162 | 342 | 29 | 11 |
| 20 | 18 | 198 | 27 | 7.51 | 67.45 | 161 | 341 | 33 | 10 |
| 21 | 19 | 199 | 23 | 8.13 | 67.53 | 160 | 340 | 37 | 9 |
| 22 | 20 | 200 | 20 | 8.36 | 68. 1 | 159 | 339 | 40 | 8 |
| 23 | 21 | 201 | 16 | 8.58 | 68.10 | 158 | 338 | 44 | 7 |
| 24 | 22 | 202 | 12 | 9.21 | 68.19 | 157 | 337 | 48 | 6 |
| 25 | 23 | 203 | 9 | 9.43 | 68.28 | 156 | 336 | 51 | 5 |
| 26 | 24 | 204 | 6 | 10. 5 | 68.38 | 155 | 335 | 54 | 4 |
| 27 | 25 | 205 | 2 | 10.26 | 68.48 | 154 | 334 | 58 | 3 |
| 28 | 25 | 205 | 59 | 10.48 | 68.58 | 154 | 334 | 1 | 2 |
| 29 | 26 | 206 | 57 | 11. 9 | 69. 9 | 153 | 333 | 3 | 1 |
| 30 | 27 | 207 | 54 | 11.31 | 69.21 | 152 | 332 | 6 | 0 |

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|--------|--------------------|----------------|------|-----|
| Gr. Mi | Gr. Mi. | Gr. | Gr. | Mi |
| ny X | ny X | ny X | ny X | Co: |
| Decli: | Angul ^o | Ascensio recta | | |
| | M. cū E | | | |

| Ascensio recta | | | Declin: | | Angul ^o | Residuum Tabulae Ascensionis Eclipticae & cum Ecliptica. | | | | |
|----------------|----------|-----|----------|----------|--------------------|--|--|--|--|--|
| γ | ω | Cō: | γ | ω | M. cū E: | | | | | |
| Gr: | Gr: | Mi | Gr: | Mi: | Gr: | Mi: | | | | |

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|----|----|-----|----|-------|-------|-----|-----|----|----|
| 0 | 27 | 207 | 54 | 11.31 | 69.21 | 152 | 332 | 6 | 30 |
| 1 | 28 | 208 | 51 | 11.52 | 69.32 | 151 | 331 | 9 | 29 |
| 2 | 29 | 209 | 49 | 12.13 | 69.44 | 150 | 330 | 11 | 28 |
| 3 | 30 | 210 | 46 | 12.33 | 69.57 | 149 | 329 | 14 | 27 |
| 4 | 31 | 211 | 44 | 12.54 | 70. 9 | 148 | 328 | 16 | 26 |
| 5 | 22 | 212 | 42 | 13.14 | 70.22 | 147 | 327 | 18 | 25 |
| 6 | 33 | 213 | 40 | 13.34 | 70.36 | 146 | 326 | 20 | 24 |
| 7 | 34 | 214 | 38 | 13.54 | 70.50 | 145 | 325 | 22 | 23 |
| 8 | 35 | 215 | 37 | 14.14 | 71. 4 | 144 | 324 | 23 | 22 |
| 9 | 36 | 216 | 36 | 14.33 | 71.19 | 143 | 323 | 24 | 21 |
| 10 | 37 | 217 | 34 | 14.52 | 71.33 | 142 | 322 | 26 | 20 |
| 11 | 38 | 218 | 33 | 15.11 | 71.49 | 141 | 321 | 27 | 19 |
| 12 | 39 | 219 | 33 | 15.29 | 72. 4 | 140 | 320 | 27 | 18 |
| 13 | 40 | 220 | 32 | 15.48 | 72.20 | 139 | 319 | 28 | 17 |
| 14 | 41 | 221 | 31 | 16. 6 | 72.37 | 138 | 318 | 19 | 16 |
| 15 | 42 | 222 | 31 | 16.24 | 72.53 | 137 | 317 | 29 | 15 |
| 16 | 43 | 223 | 31 | 16.41 | 73.10 | 136 | 316 | 29 | 14 |
| 17 | 44 | 224 | 31 | 16.58 | 73.28 | 135 | 315 | 29 | 13 |
| 18 | 45 | 225 | 31 | 17.15 | 73.46 | 134 | 314 | 29 | 12 |
| 19 | 46 | 226 | 32 | 17.32 | 74. 4 | 133 | 313 | 28 | 11 |
| 20 | 47 | 227 | 32 | 17.48 | 74.22 | 132 | 312 | 28 | 10 |
| 21 | 48 | 228 | 33 | 18. 4 | 74.41 | 131 | 311 | 27 | 9 |
| 22 | 49 | 229 | 34 | 18.20 | 75. 0 | 130 | 310 | 26 | 8 |
| 23 | 50 | 230 | 35 | 18.35 | 75.19 | 129 | 309 | 25 | 7 |
| 24 | 51 | 231 | 36 | 18.50 | 75.39 | 128 | 308 | 24 | 6 |
| 25 | 52 | 232 | 38 | 19. 5 | 75.59 | 127 | 307 | 22 | 5 |
| 26 | 53 | 233 | 40 | 19.19 | 76.19 | 126 | 306 | 20 | 4 |
| 27 | 54 | 234 | 41 | 19.33 | 76.40 | 125 | 305 | 19 | 3 |
| 28 | 55 | 235 | 44 | 19.47 | 77. 1 | 124 | 304 | 16 | 2 |
| 29 | 56 | 236 | 46 | 20. 0 | 77.22 | 123 | 303 | 14 | 1 |
| 30 | 57 | 237 | 48 | 20.13 | 77.43 | 122 | 302 | 12 | 0 |

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|-------------------|--------------------|-------------------|-----|
| Gr: Mi: | Gr: Mi: | Gr: | Mi: |
| Ω ω | Angul ^o | Ω ω | Cō: |
| Decli. | M. cū E: | Ascensio recta | |

| Ascensio recta | | | Declin: | | Angul ^o | | Ascensio Recta De- | | |
|----------------|-----|-----|---------|---------|--------------------|---------|---------------------|-----|-----|
| Π → | | Co | Π → | | M.cūE: | | Angulorum Meridiani | | |
| Gr: | Gr: | Mi: | Gr. Mi: | Gr. Mi: | Gr. Mi: | Gr. Mi: | Gr: | Gr: | Mi: |

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|----|----|-----|----|-------|-------|-----|-----|----|----|
| 0 | 57 | 237 | 48 | 20.13 | 77.43 | 122 | 392 | 12 | 30 |
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| 2 | 59 | 239 | 53 | 20.38 | 78.27 | 120 | 300 | 7 | 28 |
| 3 | 60 | 240 | 56 | 20.50 | 78.49 | 119 | 299 | 4 | 27 |
| 4 | 61 | 241 | 59 | 21. 1 | 79.12 | 118 | 298 | 1 | 26 |
| 5 | 63 | 243 | 3 | 21.12 | 79.35 | 116 | 296 | 57 | 25 |
| 6 | 64 | 244 | 6 | 21.23 | 79.58 | 115 | 295 | 54 | 24 |
| 7 | 65 | 245 | 9 | 21.33 | 80.21 | 114 | 294 | 51 | 23 |
| 8 | 66 | 246 | 13 | 21.43 | 80.44 | 113 | 293 | 47 | 22 |
| 9 | 67 | 247 | 17 | 21.53 | 81. 8 | 112 | 292 | 43 | 21 |
| 10 | 68 | 248 | 21 | 22. 2 | 81.32 | 111 | 291 | 39 | 20 |
| 11 | 69 | 249 | 25 | 22.10 | 81.56 | 110 | 290 | 35 | 19 |
| 12 | 70 | 250 | 29 | 22.19 | 82.20 | 109 | 289 | 31 | 18 |
| 13 | 71 | 251 | 34 | 22.26 | 82.45 | 108 | 288 | 26 | 17 |
| 14 | 72 | 252 | 38 | 22.34 | 83. 9 | 107 | 287 | 22 | 16 |
| 15 | 73 | 253 | 43 | 22.41 | 83.34 | 106 | 286 | 17 | 15 |
| 16 | 74 | 254 | 47 | 22.47 | 83.59 | 105 | 285 | 13 | 14 |
| 17 | 75 | 255 | 52 | 22.53 | 84.24 | 104 | 284 | 8 | 13 |
| 18 | 76 | 256 | 57 | 22.59 | 84.50 | 103 | 283 | 3 | 12 |
| 19 | 78 | 258 | 2 | 23. 4 | 85.15 | 101 | 281 | 58 | 11 |
| 20 | 79 | 259 | 7 | 23. 9 | 85.41 | 100 | 280 | 53 | 10 |
| 21 | 80 | 260 | 12 | 23.13 | 86. 6 | 99 | 279 | 48 | 9 |
| 22 | 81 | 261 | 17 | 23.17 | 86.32 | 98 | 278 | 43 | 8 |
| 23 | 82 | 262 | 22 | 23.20 | 86.58 | 97 | 277 | 38 | 7 |
| 24 | 83 | 263 | 28 | 23.23 | 87.24 | 96 | 276 | 32 | 6 |
| 25 | 84 | 264 | 33 | 23.26 | 87.50 | 95 | 275 | 27 | 5 |
| 26 | 85 | 265 | 38 | 23.28 | 88.16 | 94 | 274 | 22 | 4 |
| 27 | 86 | 266 | 44 | 23.29 | 88.42 | 93 | 273 | 16 | 3 |
| 28 | 87 | 267 | 49 | 23.30 | 89. 8 | 92 | 272 | 11 | 2 |
| 29 | 88 | 268 | 55 | 23.31 | 89.34 | 91 | 271 | 5 | 1 |
| 30 | 90 | 270 | 0 | 23.31 | 90. 0 | 90 | 270 | 0 | 0 |

Gr. Mi. Gr. Mi. Gr. Gr. Mi

69 p Angul^o p Co:

Declin: M.cūE: Ascensio recta

| V | Afc:obli: | Oc. ☉ | An: Ori | Tabula Atcenfi (semid: velfemin) | |
|----|-----------|---------|---------|-------------------------------------|----|
| | Gr: Mr: | Hor: Ms | Gr: Mr: | Horiz: ad alt: po | |
| 0 | 0. 0 | 6. 0 | 18. 13 | 360. 0 | 30 |
| 1 | 0. 28 | 6. 2 | 18. 13 | 359. 32 | 29 |
| 2 | 0. 56 | 6. 4 | 18. 13 | 359. 4 | 28 |
| 3 | 1. 24 | 6. 5 | 18. 14 | 358. 36 | 27 |
| 4 | 1. 53 | 6. 7 | 18. 14 | 358. 7 | 26 |
| 5 | 2. 21 | 6. 9 | 18. 15 | 357. 39 | 25 |
| 6 | 2. 49 | 6. 11 | 18. 16 | 357. 11 | 24 |
| 7 | 3. 17 | 6. 13 | 18. 17 | 356. 43 | 23 |
| 8 | 3. 46 | 6. 14 | 18. 19 | 356. 14 | 22 |
| 9 | 4. 15 | 6. 16 | 18. 21 | 355. 45 | 21 |
| 10 | 4. 43 | 6. 18 | 18. 23 | 355. 17 | 20 |
| 11 | 5. 12 | 6. 20 | 18. 26 | 354. 48 | 19 |
| 12 | 5. 40 | 6. 21 | 18. 28 | 354. 20 | 18 |
| 13 | 6. 9 | 6. 23 | 18. 31 | 353. 51 | 17 |
| 14 | 6. 38 | 6. 25 | 18. 34 | 353. 22 | 16 |
| 15 | 7. 7 | 6. 27 | 18. 36 | 352. 53 | 15 |
| 16 | 7. 36 | 6. 29 | 18. 39 | 352. 24 | 14 |
| 17 | 8. 5 | 6. 30 | 18. 42 | 351. 55 | 13 |
| 18 | 8. 34 | 6. 32 | 18. 45 | 351. 26 | 12 |
| 19 | 9. 4 | 6. 34 | 18. 48 | 350. 56 | 11 |
| 20 | 9. 34 | 6. 36 | 18. 52 | 350. 26 | 10 |
| 21 | 10. 4 | 6. 37 | 18. 56 | 349. 56 | 9 |
| 22 | 10. 34 | 6. 39 | 19. 0 | 349. 26 | 8 |
| 23 | 11. 4 | 9. 41 | 19. 4 | 348. 56 | 7 |
| 24 | 11. 34 | 6. 43 | 19. 9 | 348. 26 | 6 |
| 25 | 12. 5 | 6. 44 | 19. 14 | 347. 55 | 5 |
| 26 | 12. 36 | 6. 46 | 19. 20 | 347. 24 | 4 |
| 27 | 13. 7 | 6. 48 | 19. 26 | 346. 53 | 3 |
| 28 | 13. 39 | 6. 49 | 19. 32 | 346. 21 | 2 |
| 29 | 14. 10 | 6. 51 | 19. 38 | 345. 50 | 1 |
| 30 | 14. 42 | 6. 53 | 19. 45 | 345. 18 | 0 |
| | | Hor: Ms | Gr: Mr: | Gr: Ms: | X |
| | | Or: ☉ | An: Ori | Afc: Obl: | |

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|---|------------|---------|---------|--------------------------------------|
| 8 | Afc: obli: | Oc: ☉ | AnOri | onum Obl: Tē: |
| | Gr. Ms: | Hor: Ms | Gr. Ms: | & Angin: Ecl: & li Gr. 48. M. 16. |

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|----|-------|------|-------|--------|----|
| 0 | 14.42 | 6.53 | 19.45 | 345.18 | 30 |
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| 2 | 15.47 | 6.56 | 19.59 | 344.13 | 28 |
| 3 | 16.19 | 6.58 | 20. 7 | 343.41 | 27 |
| 4 | 16.52 | 6.59 | 20.14 | 343. 8 | 26 |
| 5 | 17.25 | 7. 1 | 20.21 | 342.35 | 25 |
| 6 | 17.58 | 7. 3 | 20.29 | 342. 2 | 24 |
| 7 | 18.32 | 7. 4 | 20.36 | 341.28 | 23 |
| 8 | 19. 6 | 7. 6 | 20.44 | 340.54 | 22 |
| 9 | 19.40 | 7. 8 | 20.52 | 340.20 | 21 |
| 10 | 20.15 | 7. 9 | 21. 1 | 339.45 | 20 |
| 11 | 20.51 | 7.11 | 21.10 | 339. 9 | 19 |
| 12 | 21.27 | 7.12 | 21.19 | 338.33 | 18 |
| 13 | 22. 3 | 7.14 | 21.29 | 337.57 | 17 |
| 14 | 22.39 | 7.16 | 21.39 | 337.21 | 16 |
| 15 | 23.16 | 7.17 | 21.50 | 336.44 | 15 |
| 16 | 23.53 | 7.19 | 22. 0 | 336. 7 | 14 |
| 17 | 24.30 | 7.20 | 22.10 | 335.30 | 13 |
| 18 | 25. 8 | 7.21 | 22.21 | 334.52 | 12 |
| 19 | 25.47 | 7.23 | 22.33 | 334.13 | 11 |
| 20 | 26.26 | 7.24 | 22.45 | 333.34 | 10 |
| 21 | 27. 6 | 7.26 | 22.58 | 332.54 | 9 |
| 22 | 27.46 | 7.27 | 23.11 | 332.14 | 8 |
| 23 | 28.26 | 7.29 | 23.24 | 331.34 | 7 |
| 24 | 29. 7 | 7.30 | 23.37 | 330.54 | 6 |
| 25 | 29.49 | 7.31 | 23.50 | 330.11 | 5 |
| 26 | 30.31 | 7.33 | 24. 4 | 329.29 | 4 |
| 27 | 31.14 | 7.34 | 24.18 | 328.46 | 3 |
| 28 | 31.57 | 7.35 | 24.32 | 328. 3 | 2 |
| 29 | 32.41 | 7.36 | 24.47 | 327.19 | 1 |
| 30 | 33.24 | 7.38 | 25. 2 | 326.36 | 0 |

Hor: Ms Gr: Ms: Gr: Ms:

Oc: ☉ An: Ori Afc: obli:

| II | Asc: obli: | | Oc. ☉ | | An: Ori | | Residuum Tab: | |
|----|------------|-----|----------|---------|---------|-----|-----------------|-------------------|
| | Gr: | Mi: | Hor: Mi: | Gr: Mi: | Gr: | Mi: | semid: velfemin | Horiz: ad alt: pp |
| 0 | 33.24 | | 7.38 | 25. 2 | | | 326.36 | 30 |
| 1 | 34.10 | | 7.39 | 25.18 | | | 325.50 | 29 |
| 2 | 34.55 | | 7.40 | 25.34 | | | 325. 5 | 28 |
| 3 | 35.41 | | 7.41 | 25.50 | | | 324.19 | 27 |
| 4 | 36.28 | | 7.42 | 26. 7 | | | 323.32 | 26 |
| 5 | 37.16 | | 7.43 | 26.24 | | | 322.44 | 25 |
| 6 | 38. 4 | | 7.44 | 26.41 | | | 321.56 | 24 |
| 7 | 38.52 | | 7.45 | 26.59 | | | 321. 8 | 23 |
| 8 | 39.41 | | 7.46 | 27.17 | | | 320.19 | 22 |
| 9 | 40.32 | | 7.47 | 27.36 | | | 319.28 | 21 |
| 10 | 41.23 | | 7.48 | 27.55 | | | 318.37 | 20 |
| 11 | 42.14 | | 7.49 | 28.15 | | | 317.46 | 19 |
| 12 | 43. 6 | | 7.50 | 28.35 | | | 316.54 | 18 |
| 13 | 43.59 | | 7.50 | 28.55 | | | 316. 1 | 17 |
| 14 | 44.52 | | 7.51 | 29.16 | | | 315. 8 | 16 |
| 15 | 45.47 | | 7.52 | 29.37 | | | 314.13 | 15 |
| 16 | 46.41 | | 7.52 | 29.58 | | | 313.19 | 14 |
| 17 | 47.37 | | 7.53 | 30.20 | | | 312.23 | 13 |
| 18 | 48.34 | | 7.54 | 30.42 | | | 311.26 | 12 |
| 19 | 49.31 | | 7.54 | 31. 4 | | | 310.29 | 11 |
| 20 | 50.29 | | 7.55 | 31.26 | | | 309.31 | 10 |
| 21 | 51.27 | | 7.55 | 31.49 | | | 308.33 | 9 |
| 22 | 52.27 | | 7.55 | 32.12 | | | 307.33 | 8 |
| 23 | 53.26 | | 7.56 | 32.36 | | | 306.34 | 7 |
| 24 | 54.28 | | 7.56 | 33. 0 | | | 305.32 | 6 |
| 25 | 55.29 | | 7.56 | 33.25 | | | 304.31 | 5 |
| 26 | 56.31 | | 7.56 | 33.50 | | | 303.29 | 4 |
| 27 | 57.35 | | 7.57 | 34.15 | | | 302.25 | 3 |
| 28 | 58.38 | | 7.57 | 34.40 | | | 301.22 | 2 |
| 29 | 59.43 | | 7.57 | 35. 6 | | | 300.17 | 1 |
| 30 | 60.47 | | 7.57 | 35.31 | | | 299.13 | 0 |
| | | | Hor: Mi: | Gr: Mi: | | | Gr: Mi: | |
| | | | Or: ☉ | An: Ori | | | Asc: obli: | pp |

69 Asc: obl: Oc: ☉ An Ori Ascen: Obl: Tca
& Angin: Ecl: &
Gr. Ms: Hor: Ms Gr. Ms: li Gr. 48 M. 16.

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|----|-------|------|-------|--------|----|
| 0 | 60.47 | 7.57 | 35.31 | 299.13 | 30 |
| 1 | 61.53 | 7.57 | 35.57 | 298. 7 | 29 |
| 2 | 63. 6 | 7.57 | 36.24 | 297. 0 | 28 |
| 3 | 64. 7 | 7.57 | 36.51 | 295.53 | 27 |
| 4 | 65.15 | 7.56 | 37.18 | 294.45 | 26 |
| 5 | 66.23 | 7.56 | 37.45 | 293.37 | 25 |
| 6 | 67.32 | 7.56 | 38.12 | 292.28 | 24 |
| 7 | 68.42 | 7.56 | 38.40 | 291.18 | 23 |
| 8 | 69.53 | 7.55 | 39. 8 | 290. 7 | 22 |
| 9 | 71. 3 | 7.55 | 39.36 | 288.57 | 21 |
| 10 | 72.15 | 7.55 | 40. 5 | 287.45 | 20 |
| 11 | 73.27 | 7.54 | 40.34 | 286.33 | 19 |
| 12 | 74.40 | 7.54 | 41. 2 | 285.20 | 18 |
| 13 | 75.53 | 7.53 | 41.31 | 284. 7 | 17 |
| 14 | 77. 7 | 7.52 | 41.59 | 282.53 | 16 |
| 15 | 78.21 | 7.52 | 42.28 | 281.39 | 15 |
| 16 | 79.36 | 7.51 | 42.56 | 280.24 | 14 |
| 17 | 80.51 | 7.50 | 43.25 | 279. 9 | 13 |
| 18 | 82. 8 | 7.50 | 43.53 | 277.52 | 12 |
| 19 | 83.24 | 7.49 | 44.23 | 276.36 | 11 |
| 20 | 84.41 | 7.48 | 44.51 | 275.19 | 10 |
| 21 | 85.58 | 7.47 | 45.20 | 274. 2 | 9 |
| 22 | 87.15 | 7.46 | 45.48 | 272.45 | 8 |
| 23 | 88.34 | 7.45 | 46.17 | 271.26 | 7 |
| 24 | 89.52 | 7.44 | 46.45 | 270. 8 | 6 |
| 25 | 91.10 | 7.43 | 47.14 | 268.50 | 5 |
| 26 | 92.30 | 7.42 | 47.42 | 267.30 | 4 |
| 27 | 93.49 | 7.41 | 48.11 | 266.11 | 3 |
| 28 | 95. 9 | 7.40 | 48.39 | 264.51 | 2 |
| 29 | 96.28 | 7.39 | 49. 8 | 263.32 | 1 |
| 30 | 97.48 | 7.38 | 49.36 | 262.12 | 0 |

Hor: Ms Gr: Ms Gr: Ms
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| Ω | Asc: Obl: | Oc: ☉ | An: Ori | Residuum Tab: | |
|----|-----------|---------|---------|---------------|----|
| | Gr. Min | Hor. Ms | Gr. Ms. | | |
| 0 | 97.48 | 7.38 | 49.36 | 262.12 | 30 |
| 1 | 99. 9 | 7.36 | 50.14 | 260.51 | 29 |
| 2 | 100.29 | 7.35 | 50.31 | 259.31 | 28 |
| 3 | 101.51 | 7.34 | 50.58 | 258. 9 | 27 |
| 4 | 103.11 | 7.33 | 51.25 | 256.49 | 26 |
| 5 | 104.33 | 7.31 | 51.52 | 255.27 | 25 |
| 6 | 105.55 | 7.30 | 52.18 | 254. 5 | 24 |
| 7 | 107.16 | 7.29 | 52.44 | 252.44 | 23 |
| 8 | 108.38 | 7.27 | 53.10 | 251.22 | 22 |
| 9 | 110. 0 | 7.26 | 53.36 | 250. 0 | 21 |
| 10 | 111.22 | 7.24 | 54. 1 | 248.38 | 20 |
| 11 | 112.43 | 7.23 | 54.26 | 247.17 | 19 |
| 12 | 114. 6 | 7.21 | 54.51 | 245.54 | 18 |
| 13 | 115.28 | 7.20 | 55.15 | 244.32 | 17 |
| 14 | 116.51 | 7.19 | 55.39 | 243. 9 | 16 |
| 15 | 118.14 | 7.17 | 56. 2 | 241.46 | 15 |
| 16 | 119.36 | 7.16 | 56.25 | 240.24 | 14 |
| 17 | 120.59 | 7.14 | 56.48 | 239. 1 | 13 |
| 18 | 122.21 | 7.12 | 57.10 | 237.39 | 12 |
| 19 | 123.44 | 7.11 | 57.32 | 236.16 | 11 |
| 20 | 125. 7 | 7. 9 | 57.54 | 234.53 | 10 |
| 21 | 126.29 | 7. 8 | 58.15 | 233.31 | 9 |
| 22 | 127.52 | 7. 6 | 58.35 | 232. 8 | 8 |
| 23 | 129.16 | 7. 4 | 58.54 | 230.44 | 7 |
| 24 | 130.38 | 7. 3 | 59.13 | 229.22 | 6 |
| 25 | 132. 1 | 7. 1 | 59.32 | 227.59 | 5 |
| 26 | 133.24 | 6.59 | 59.51 | 226.36 | 4 |
| 27 | 134.47 | 6.58 | 60.10 | 225.13 | 3 |
| 28 | 136. 9 | 6.56 | 60.28 | 223.51 | 2 |
| 29 | 137.32 | 6.54 | 60.46 | 222.28 | 1 |
| 30 | 138.54 | 6.53 | 61. 3 | 221. 6 | 0 |
| | | Hor: Ms | Gr. Ms: | Gr. Ms: | |
| | | Ort: ☉ | An: Ori | Asc: obli: | W |

| M ^y | Afc: Obl: | Oc: ☉ | An: Ori | Ascension: Oblis | |
|----------------|-----------|---------|----------|------------------|----|
| | Gr. Min | Hor. Ms | Gr. Ms: | Temp: sem: &c. | |
| 0 | 138.54 | 6.53 | 61.3 | 221.6 | 30 |
| 1 | 140.17 | 6.51 | 61.19 | 219.43 | 29 |
| 2 | 141.40 | 6.49 | 61.35 | 218.20 | 28 |
| 3 | 143.3 | 6.48 | 61.50 | 216.57 | 27 |
| 4 | 144.25 | 6.46 | 62.4 | 215.35 | 26 |
| 5 | 145.47 | 6.44 | 62.18 | 214.13 | 25 |
| 6 | 147.10 | 6.43 | 61.31 | 212.50 | 24 |
| 7 | 148.32 | 6.41 | 62.44 | 211.28 | 23 |
| 8 | 149.55 | 6.39 | 62.57 | 210.5 | 22 |
| 9 | 151.18 | 6.37 | 63.9 | 208.42 | 21 |
| 10 | 152.40 | 6.36 | 63.21 | 207.20 | 20 |
| 11 | 154.2 | 6.34 | 63.33 | 205.58 | 19 |
| 12 | 155.24 | 6.32 | 63.44 | 204.36 | 18 |
| 13 | 156.46 | 6.30 | 63.55 | 203.14 | 17 |
| 14 | 158.8 | 6.29 | 64.5 | 201.52 | 16 |
| 15 | 159.31 | 6.27 | 64.14 | 200.29 | 15 |
| 16 | 160.53 | 6.25 | 64.22 | 199.7 | 14 |
| 17 | 162.15 | 6.23 | 64.29 | 197.45 | 13 |
| 18 | 163.37 | 6.21 | 64.35 | 196.23 | 12 |
| 19 | 164.59 | 6.20 | 64.41 | 195.1 | 11 |
| 20 | 166.21 | 6.18 | 64.47 | 193.39 | 10 |
| 21 | 167.43 | 6.16 | 64.52 | 192.17 | 9 |
| 22 | 169.5 | 6.14 | 64.57 | 190.55 | 8 |
| 23 | 170.27 | 6.13 | 65.1 | 189.33 | 7 |
| 24 | 171.49 | 6.11 | 65.5 | 188.11 | 6 |
| 25 | 173.11 | 6.9 | 65.9 | 186.49 | 5 |
| 26 | 174.33 | 6.7 | 65.12 | 185.27 | 4 |
| 27 | 175.54 | 6.5 | 65.14 | 184.6 | 3 |
| 28 | 177.16 | 6.4 | 65.15 | 182.44 | 2 |
| 29 | 178.38 | 6.2 | 65.16 | 181.22 | 1 |
| 30 | 180.0 | 6.0 | 65.16 | 180.0 | 0 |
| | | Hor Ms | Gr Ms: | Gr: Ms: | |
| | | Ori ☉ | An: Ori. | Afc. obli. | |
