

| | | | | | | | | | | | | | | | | | |
|--------|-----|------|--------|-----|------|--------|-----|------|--------|-----|------|--------|-----|------|--------|----|------|
| Jan 1 | 100 | 3.9 | Mar 2 | 160 | 11.4 | May 2 | 220 | 18.9 | Jul 2 | 280 | 26.3 | Sep 1 | 340 | 33.8 | Nov 1 | 40 | 41.3 |
| Jan 2 | 101 | 3.0 | Mar 3 | 161 | 10.5 | May 3 | 221 | 18.0 | Jul 3 | 281 | 25.5 | Sep 2 | 341 | 32.9 | Nov 2 | 41 | 40.4 |
| Jan 3 | 102 | 2.2 | Mar 4 | 162 | 9.7 | May 4 | 222 | 17.1 | Jul 4 | 282 | 24.6 | Sep 3 | 342 | 32.1 | Nov 3 | 42 | 39.5 |
| Jan 4 | 103 | 1.3 | Mar 5 | 163 | 8.8 | May 5 | 223 | 16.3 | Jul 5 | 283 | 23.7 | Sep 4 | 343 | 31.2 | Nov 4 | 43 | 38.7 |
| Jan 5 | 104 | 0.5 | Mar 6 | 164 | 7.9 | May 6 | 224 | 15.4 | Jul 6 | 284 | 22.9 | Sep 5 | 344 | 30.4 | Nov 5 | 44 | 37.8 |
| Jan 6 | 104 | 59.6 | Mar 7 | 165 | 7.1 | May 7 | 225 | 14.6 | Jul 7 | 285 | 22.0 | Sep 6 | 345 | 29.5 | Nov 6 | 45 | 37.0 |
| Jan 7 | 105 | 58.7 | Mar 8 | 166 | 6.2 | May 8 | 226 | 13.7 | Jul 8 | 286 | 21.2 | Sep 7 | 346 | 28.6 | Nov 7 | 46 | 36.1 |
| Jan 8 | 106 | 57.9 | Mar 9 | 167 | 5.4 | May 9 | 227 | 12.8 | Jul 9 | 287 | 20.3 | Sep 8 | 347 | 27.8 | Nov 8 | 47 | 35.2 |
| Jan 9 | 107 | 57.0 | Mar 10 | 168 | 4.5 | May 10 | 228 | 12.0 | Jul 10 | 288 | 19.4 | Sep 9 | 348 | 26.9 | Nov 9 | 48 | 34.4 |
| Jan 10 | 108 | 56.2 | Mar 11 | 169 | 3.6 | May 11 | 229 | 11.1 | Jul 11 | 289 | 18.6 | Sep 10 | 349 | 26.0 | Nov 10 | 49 | 33.5 |
| Jan 11 | 109 | 55.3 | Mar 12 | 170 | 2.8 | May 12 | 230 | 10.3 | Jul 12 | 290 | 17.7 | Sep 11 | 350 | 25.2 | Nov 11 | 50 | 32.7 |
| Jan 12 | 110 | 54.4 | Mar 13 | 171 | 1.9 | May 13 | 231 | 9.4 | Jul 13 | 291 | 16.9 | Sep 12 | 351 | 24.3 | Nov 12 | 51 | 31.8 |
| Jan 13 | 111 | 53.6 | Mar 14 | 172 | 1.1 | May 14 | 232 | 8.5 | Jul 14 | 292 | 16.0 | Sep 13 | 352 | 23.5 | Nov 13 | 52 | 30.9 |
| Jan 14 | 112 | 52.7 | Mar 15 | 173 | 0.2 | May 15 | 233 | 7.7 | Jul 15 | 293 | 15.1 | Sep 14 | 353 | 22.6 | Nov 14 | 53 | 30.1 |
| Jan 15 | 113 | 51.9 | Mar 16 | 173 | 59.3 | May 16 | 234 | 6.8 | Jul 16 | 294 | 14.3 | Sep 15 | 354 | 21.7 | Nov 15 | 54 | 29.2 |
| Jan 16 | 114 | 51.0 | Mar 17 | 174 | 58.5 | May 17 | 235 | 5.9 | Jul 17 | 295 | 13.4 | Sep 16 | 355 | 20.9 | Nov 16 | 55 | 28.4 |
| Jan 17 | 115 | 50.1 | Mar 18 | 175 | 57.6 | May 18 | 236 | 5.1 | Jul 18 | 296 | 12.6 | Sep 17 | 356 | 20.0 | Nov 17 | 56 | 27.5 |
| Jan 18 | 116 | 49.3 | Mar 19 | 176 | 56.7 | May 19 | 237 | 4.2 | Jul 19 | 297 | 11.7 | Sep 18 | 357 | 19.2 | Nov 18 | 57 | 26.6 |
| Jan 19 | 117 | 48.4 | Mar 20 | 177 | 55.9 | May 20 | 238 | 3.4 | Jul 20 | 298 | 10.8 | Sep 19 | 358 | 18.3 | Nov 19 | 58 | 25.8 |
| Jan 20 | 118 | 47.5 | Mar 21 | 178 | 55.0 | May 21 | 239 | 2.5 | Jul 21 | 299 | 10.0 | Sep 20 | 359 | 17.4 | Nov 20 | 59 | 24.9 |
| Jan 21 | 119 | 46.7 | Mar 22 | 179 | 54.2 | May 22 | 240 | 1.6 | Jul 22 | 300 | 9.1 | Sep 21 | 0 | 16.6 | Nov 21 | 60 | 24.0 |
| Jan 22 | 120 | 45.8 | Mar 23 | 180 | 53.3 | May 23 | 241 | 0.8 | Jul 23 | 301 | 8.2 | Sep 22 | 1 | 15.7 | Nov 22 | 61 | 23.2 |
| Jan 23 | 121 | 45.0 | Mar 24 | 181 | 52.4 | May 24 | 241 | 59.9 | Jul 24 | 302 | 7.4 | Sep 23 | 2 | 14.9 | Nov 23 | 62 | 22.3 |
| Jan 24 | 122 | 44.1 | Mar 25 | 182 | 51.6 | May 25 | 242 | 59.1 | Jul 25 | 303 | 6.5 | Sep 24 | 3 | 14.0 | Nov 24 | 63 | 21.5 |
| Jan 25 | 123 | 43.2 | Mar 26 | 183 | 50.7 | May 26 | 243 | 58.2 | Jul 26 | 304 | 5.7 | Sep 25 | 4 | 13.1 | Nov 25 | 64 | 20.6 |
| Jan 26 | 124 | 42.4 | Mar 27 | 184 | 49.9 | May 27 | 244 | 57.3 | Jul 27 | 305 | 4.8 | Sep 26 | 5 | 12.3 | Nov 26 | 65 | 19.7 |
| Jan 27 | 125 | 41.5 | Mar 28 | 185 | 49.0 | May 28 | 245 | 56.5 | Jul 28 | 306 | 3.9 | Sep 27 | 6 | 11.4 | Nov 27 | 66 | 18.9 |
| Jan 28 | 126 | 40.7 | Mar 29 | 186 | 48.1 | May 29 | 246 | 55.6 | Jul 29 | 307 | 3.1 | Sep 28 | 7 | 10.5 | Nov 28 | 67 | 18.0 |
| Jan 29 | 127 | 39.8 | Mar 30 | 187 | 47.3 | May 30 | 247 | 54.8 | Jul 30 | 308 | 2.2 | Sep 29 | 8 | 9.7 | Nov 29 | 68 | 17.2 |
| Jan 30 | 128 | 38.9 | Mar 31 | 188 | 46.4 | May 31 | 248 | 53.9 | Jul 31 | 309 | 1.4 | Sep 30 | 9 | 8.8 | Nov 30 | 69 | 16.3 |
| Jan 31 | 129 | 38.1 | Apr 1 | 189 | 45.6 | Jun 1 | 249 | 53.0 | Aug 1 | 310 | 0.5 | Oct 1 | 10 | 8.0 | Dec 1 | 70 | 15.4 |
| Feb 1 | 130 | 37.2 | Apr 2 | 190 | 44.7 | Jun 2 | 250 | 52.2 | Aug 2 | 310 | 59.6 | Oct 2 | 11 | 7.1 | Dec 2 | 71 | 14.6 |
| Feb 2 | 131 | 36.4 | Apr 3 | 191 | 43.8 | Jun 3 | 251 | 51.3 | Aug 3 | 311 | 58.8 | Oct 3 | 12 | 6.2 | Dec 3 | 72 | 13.7 |
| Feb 3 | 132 | 35.5 | Apr 4 | 192 | 43.0 | Jun 4 | 252 | 50.4 | Aug 4 | 312 | 57.9 | Oct 4 | 13 | 5.4 | Dec 4 | 73 | 12.9 |
| Feb 4 | 133 | 34.6 | Apr 5 | 193 | 42.1 | Jun 5 | 253 | 49.6 | Aug 5 | 313 | 57.1 | Oct 5 | 14 | 4.5 | Dec 5 | 74 | 12.0 |
| Feb 5 | 134 | 33.8 | Apr 6 | 194 | 41.2 | Jun 6 | 254 | 48.7 | Aug 6 | 314 | 56.2 | Oct 6 | 15 | 3.7 | Dec 6 | 75 | 11.1 |
| Feb 6 | 135 | 32.9 | Apr 7 | 195 | 40.4 | Jun 7 | 255 | 47.9 | Aug 7 | 315 | 55.3 | Oct 7 | 16 | 2.8 | Dec 7 | 76 | 10.3 |
| Feb 7 | 136 | 32.0 | Apr 8 | 196 | 39.5 | Jun 8 | 256 | 47.0 | Aug 8 | 316 | 54.5 | Oct 8 | 17 | 1.9 | Dec 8 | 77 | 9.4 |
| Feb 8 | 137 | 31.2 | Apr 9 | 197 | 38.7 | Jun 9 | 257 | 46.1 | Aug 9 | 317 | 53.6 | Oct 9 | 18 | 1.1 | Dec 9 | 78 | 8.6 |
| Feb 9 | 138 | 30.3 | Apr 10 | 198 | 37.8 | Jun 10 | 258 | 45.3 | Aug 10 | 318 | 52.7 | Oct 10 | 19 | 0.2 | Dec 10 | 79 | 7.7 |
| Feb 10 | 139 | 29.5 | Apr 11 | 199 | 36.9 | Jun 11 | 259 | 44.4 | Aug 11 | 319 | 51.9 | Oct 11 | 19 | 59.4 | Dec 11 | 80 | 6.8 |
| Feb 11 | 140 | 28.6 | Apr 12 | 200 | 36.1 | Jun 12 | 260 | 43.6 | Aug 12 | 320 | 51.0 | Oct 12 | 20 | 58.5 | Dec 12 | 81 | 6.0 |
| Feb 12 | 141 | 27.7 | Apr 13 | 201 | 35.2 | Jun 13 | 261 | 42.7 | Aug 13 | 321 | 50.2 | Oct 13 | 21 | 57.6 | Dec 13 | 82 | 5.1 |
| Feb 13 | 142 | 26.9 | Apr 14 | 202 | 34.4 | Jun 14 | 262 | 41.8 | Aug 14 | 322 | 49.3 | Oct 14 | 22 | 56.8 | Dec 14 | 83 | 4.2 |
| Feb 14 | 143 | 26.0 | Apr 15 | 203 | 33.5 | Jun 15 | 263 | 41.0 | Aug 15 | 323 | 48.4 | Oct 15 | 23 | 55.9 | Dec 15 | 84 | 3.4 |
| Feb 15 | 144 | 25.2 | Apr 16 | 204 | 32.6 | Jun 16 | 264 | 40.1 | Aug 16 | 324 | 47.6 | Oct 16 | 24 | 55.0 | Dec 16 | 85 | 2.5 |
| Feb 16 | 145 | 24.3 | Apr 17 | 205 | 31.8 | Jun 17 | 265 | 39.3 | Aug 17 | 325 | 46.7 | Oct 17 | 25 | 54.2 | Dec 17 | 86 | 1.7 |
| Feb 17 | 146 | 23.4 | Apr 18 | 206 | 30.9 | Jun 18 | 266 | 38.4 | Aug 18 | 326 | 45.9 | Oct 18 | 26 | 53.3 | Dec 18 | 87 | 0.8 |
| Feb 18 | 147 | 22.6 | Apr 19 | 207 | 30.1 | Jun 19 | 267 | 37.5 | Aug 19 | 327 | 45.0 | Oct 19 | 27 | 52.5 | Dec 19 | 87 | 59.9 |
| Feb 19 | 148 | 21.7 | Apr 20 | 208 | 29.2 | Jun 20 | 268 | 36.7 | Aug 20 | 328 | 44.1 | Oct 20 | 28 | 51.6 | Dec 20 | 88 | 59.1 |
| Feb 20 | 149 | 20.9 | Apr 21 | 209 | 28.3 | Jun 21 | 269 | 35.8 | Aug 21 | 329 | 43.3 | Oct 21 | 29 | 50.7 | Dec 21 | 89 | 58.2 |
| Feb 21 | 150 | 20.0 | Apr 22 | 210 | 27.5 | Jun 22 | 270 | 34.9 | Aug 22 | 330 | 42.4 | Oct 22 | 30 | 49.9 | Dec 22 | 90 | 57.4 |
| Feb 22 | 151 | 19.1 | Apr 23 | 211 | 26.6 | Jun 23 | 271 | 34.1 | Aug 23 | 331 | 41.5 | Oct 23 | 31 | 49.0 | Dec 23 | 91 | 56.5 |
| Feb 23 | 152 | 18.3 | Apr 24 | 212 | 25.7 | Jun 24 | 272 | 33.2 | Aug 24 | 332 | 40.7 | Oct 24 | 32 | 48.2 | Dec 24 | 92 | 55.6 |
| Feb 24 | 153 | 17.4 | Apr 25 | 213 | 24.9 | Jun 25 | 273 | 32.4 | Aug 25 | 333 | 39.8 | Oct 25 | 33 | 47.3 | Dec 25 | 93 | 54.8 |
| Feb 25 | 154 | 16.5 | Apr 26 | 214 | 24.0 | Jun 26 | 274 | 31.5 | Aug 26 | 334 | 39.0 | Oct 26 | 34 | 46.4 | Dec 26 | 94 | 53.9 |
| Feb 26 | 155 | 15.7 | Apr 27 | 215 | 23.2 | Jun 27 | 275 | 30.6 | Aug 27 | 335 | 38.1 | Oct 27 | 35 | 45.6 | Dec 27 | 95 | 53.1 |
| Feb 27 | 156 | 14.8 | Apr 28 | 216 | 22.3 | Jun 28 | 276 | 29.8 | Aug 28 | 336 | 37.2 | Oct 28 | 36 | 44.7 | Dec 28 | 96 | 52.2 |
| Feb 28 | 157 | 14.0 | Apr 29 | 217 | 21.4 | Jun 29 | 277 | 28.9 | Aug 29 | 337 | 36.4 | Oct 29 | 37 | 43.9 | Dec 29 | 97 | 51.3 |
| Feb 29 | 158 | 13.1 | Apr 30 | 218 | 20.6 | Jun 30 | 278 | 28.1 | Aug 30 | 338 | 35.5 | Oct 30 | 38 | 43.0 | Dec 30 | 98 | 50.5 |
| Mar 1 | 159 | 12.2 | May 1 | 219 | 19.7 | Jul 1 | 279 | 27.2 | Aug 31 | 339 | 34.7 | Oct 31 | 39 | 42.1 | Dec 31 | 99 | 49.6 |

| GHA Aries Increments | | | | | | | |
|----------------------|-----|------|------------|----|------|------------|------|
| hours UT | ° | ' | minutes UT | ° | ' | seconds UT | ' |
| 1 | 15 | 2.5 | 1 | 0 | 15.0 | 1 | 0.3 |
| 2 | 30 | 4.9 | 2 | 0 | 30.1 | 2 | 0.5 |
| 3 | 45 | 7.4 | 3 | 0 | 45.1 | 3 | 0.8 |
| 4 | 60 | 9.9 | 4 | 1 | 0.2 | 4 | 1.0 |
| 5 | 75 | 12.3 | 5 | 1 | 15.2 | 5 | 1.3 |
| 6 | 90 | 14.8 | 6 | 1 | 30.2 | 6 | 1.5 |
| 7 | 105 | 17.2 | 7 | 1 | 45.3 | 7 | 1.8 |
| 8 | 120 | 19.7 | 8 | 2 | 0.3 | 8 | 2.0 |
| 9 | 135 | 22.2 | 9 | 2 | 15.4 | 9 | 2.3 |
| 10 | 150 | 24.6 | 10 | 2 | 30.4 | 10 | 2.5 |
| 11 | 165 | 27.1 | 11 | 2 | 45.5 | 11 | 2.8 |
| 12 | 180 | 29.6 | 12 | 3 | 0.5 | 12 | 3.0 |
| 13 | 195 | 32.0 | 13 | 3 | 15.5 | 13 | 3.3 |
| 14 | 210 | 34.5 | 14 | 3 | 30.6 | 14 | 3.5 |
| 15 | 225 | 37.0 | 15 | 3 | 45.6 | 15 | 3.8 |
| 16 | 240 | 39.4 | 16 | 4 | 0.7 | 16 | 4.0 |
| 17 | 255 | 41.9 | 17 | 4 | 15.7 | 17 | 4.3 |
| 18 | 270 | 44.4 | 18 | 4 | 30.7 | 18 | 4.5 |
| 19 | 285 | 46.8 | 19 | 4 | 45.8 | 19 | 4.8 |
| 20 | 300 | 49.3 | 20 | 5 | 0.8 | 20 | 5.0 |
| 21 | 315 | 51.7 | 21 | 5 | 15.9 | 21 | 5.3 |
| 22 | 330 | 54.2 | 22 | 5 | 30.9 | 22 | 5.5 |
| 23 | 345 | 56.7 | 23 | 5 | 45.9 | 23 | 5.8 |
| 24 | 360 | 59.1 | 24 | 6 | 1.0 | 24 | 6.0 |
| | | | 25 | 6 | 16.0 | 25 | 6.3 |
| | | | 26 | 6 | 31.1 | 26 | 6.5 |
| | | | 27 | 6 | 46.1 | 27 | 6.8 |
| | | | 28 | 7 | 1.1 | 28 | 7.0 |
| | | | 29 | 7 | 16.2 | 29 | 7.3 |
| | | | 30 | 7 | 31.2 | 30 | 7.5 |
| | | | 31 | 7 | 46.3 | 31 | 7.8 |
| | | | 32 | 8 | 1.3 | 32 | 8.0 |
| | | | 33 | 8 | 16.4 | 33 | 8.3 |
| | | | 34 | 8 | 31.4 | 34 | 8.5 |
| | | | 35 | 8 | 46.4 | 35 | 8.8 |
| | | | 36 | 9 | 1.5 | 36 | 9.0 |
| | | | 37 | 9 | 16.5 | 37 | 9.3 |
| | | | 38 | 9 | 31.6 | 38 | 9.5 |
| | | | 39 | 9 | 46.6 | 39 | 9.8 |
| | | | 40 | 10 | 1.6 | 40 | 10.0 |
| | | | 41 | 10 | 16.7 | 41 | 10.3 |
| | | | 42 | 10 | 31.7 | 42 | 10.5 |
| | | | 43 | 10 | 46.8 | 43 | 10.8 |
| | | | 44 | 11 | 1.8 | 44 | 11.0 |
| | | | 45 | 11 | 16.8 | 45 | 11.3 |
| | | | 46 | 11 | 31.9 | 46 | 11.5 |
| | | | 47 | 11 | 46.9 | 47 | 11.8 |
| | | | 48 | 12 | 2.0 | 48 | 12.0 |
| | | | 49 | 12 | 17.0 | 49 | 12.3 |
| | | | 50 | 12 | 32.1 | 50 | 12.5 |
| | | | 51 | 12 | 47.1 | 51 | 12.8 |
| | | | 52 | 13 | 2.1 | 52 | 13.0 |
| | | | 53 | 13 | 17.2 | 53 | 13.3 |
| | | | 54 | 13 | 32.2 | 54 | 13.5 |
| | | | 55 | 13 | 47.3 | 55 | 13.8 |
| | | | 56 | 14 | 2.3 | 56 | 14.0 |
| | | | 57 | 14 | 17.3 | 57 | 14.3 |
| | | | 58 | 14 | 32.4 | 58 | 14.5 |
| | | | 59 | 14 | 47.4 | 59 | 14.8 |
| | | | 60 | 15 | 2.5 | 60 | 15.0 |