

徳山

TOKUYAMA

2020 年

| 満潮 | | | | | 干潮 | | | | | 満潮 | | | | | 干潮 | | | | | | | |
|----|----|------|-------|-------|-------|-------|-------|-------|-------|-----|----|----|-------|-------|-------|-------|-------|-------|-------|-------|-----|--|
| 日 | 時分 | cm | 時分 | cm | 時分 | cm | 時分 | cm | 時分 | cm | 日 | 時分 | cm | 時分 | cm | 時分 | cm | 時分 | cm | | | |
| 1月 | 1 | | | | | | | | | | 4月 | 1 | 上弦 | 1 40 | 238 | 12 41 | 213 | 7 27 | 151 | 19 49 | 81 | |
| | 2 | 0 23 | 221 | 12 45 | 264 | 6 1 | 57 | 18 53 | 117 | | | 2 | 3 19 | 230 | 14 11 | 195 | 9 27 | 164 | 21 31 | 87 | | |
| | 3 | 1 24 | 207 | 14 15 | 238 | 7 29 | 101 | 20 56 | 116 | | | 3 | 5 7 | 240 | 16 32 | 200 | 11 31 | 150 | 23 11 | 75 | | |
| | 4 | 2 48 | 199 | 15 14 | 229 | 8 36 | 122 | 22 8 | 105 | | | 4 | 6 17 | 262 | 17 57 | 227 | 12 31 | 123 | 12 31 | 123 | | |
| | 5 | 4 24 | 204 | 16 18 | 228 | 10 6 | 135 | 23 10 | 87 | | | 5 | 7 4 | 284 | 18 54 | 260 | 0 21 | 53 | 13 13 | 94 | | |
| | 6 | 5 45 | 221 | 17 16 | 225 | 11 30 | 136 | | 107 | | | 6 | 7 43 | 302 | 19 43 | 290 | 1 15 | 32 | 13 51 | 66 | | |
| | 7 | 6 43 | 244 | 18 5 | 235 | 0 1 | 66 | 12 34 | 130 | | | 7 | 8 19 | 314 | 20 28 | 314 | 2 3 | 19 | 14 27 | 41 | | |
| | 8 | 7 30 | 266 | 18 49 | 245 | 0 46 | 44 | 13 24 | 121 | | | 8 | 8 52 | 319 | 21 13 | 327 | 2 44 | 17 | 15 4 | 21 | | |
| | 9 | 8 12 | 285 | 19 30 | 256 | 1 27 | 24 | 14 7 | 112 | | | 9 | 9 25 | 317 | 21 57 | 329 | 3 25 | 26 | 15 42 | 8 | | |
| | 10 | 8 52 | 300 | 20 11 | 266 | 2 8 | 5 | 14 47 | 105 | | | 10 | 9 57 | 308 | 22 43 | 321 | 4 6 | 44 | 16 20 | 5 | | |
| | 11 | 望 | 9 32 | 310 | 20 52 | 274 | 2 49 | -9 | 15 27 | 99 | | | 11 | 10 29 | 294 | 23 30 | 304 | 4 46 | 69 | 16 59 | 11 | |
| | 12 | | 10 12 | 314 | 21 35 | 278 | 3 30 | -17 | 16 7 | 94 | | | 12 | 11 2 | 274 | | | 5 27 | 97 | 17 39 | 25 | |
| | 13 | | 10 52 | 313 | 22 21 | 277 | 4 12 | -17 | 16 49 | 90 | | | 13 | 0 20 | 283 | 11 36 | 251 | 6 12 | 124 | 18 24 | 47 | |
| | 14 | | 11 32 | 308 | 23 9 | 270 | 4 55 | -9 | 17 32 | 87 | | | 14 | 1 19 | 260 | 12 15 | 226 | 7 8 | 149 | 19 18 | 72 | |
| | 15 | | | | 12 13 | 297 | 5 39 | 8 | 18 20 | 86 | | | 15 | 2 37 | 241 | 13 17 | 201 | 8 36 | 165 | 20 36 | 95 | |
| | 16 | | 0 1 | 258 | 12 55 | 282 | 6 25 | 33 | 19 13 | 84 | | | 16 | 4 18 | 236 | 15 30 | 188 | 10 48 | 161 | 22 20 | 105 | |
| | 17 | 下弦 | 1 2 | 242 | 13 41 | 265 | 7 16 | 64 | 20 14 | 83 | | | 17 | 5 41 | 243 | 17 26 | 200 | 12 9 | 140 | 23 45 | 99 | |
| | 18 | | 2 18 | 227 | 14 35 | 248 | 8 18 | 97 | 21 25 | 78 | | | 18 | 6 33 | 255 | 18 28 | 223 | | | 12 50 | 118 | |
| | 19 | | 3 52 | 222 | 15 39 | 235 | 9 39 | 124 | 22 40 | 67 | | | 19 | 7 9 | 266 | 19 11 | 245 | 0 41 | 89 | 13 20 | 97 | |
| | 20 | | 5 29 | 231 | 16 50 | 228 | 11 15 | 137 | 23 49 | 52 | | | 20 | 7 38 | 274 | 19 46 | 265 | 1 22 | 79 | 13 47 | 79 | |
| | 21 | | 6 47 | 250 | 17 56 | 230 | | | 12 37 | 135 | | | 21 | 8 4 | 281 | 20 18 | 282 | 1 55 | 73 | 14 13 | 62 | |
| | 22 | | 7 43 | 269 | 18 52 | 237 | 0 48 | 36 | 13 36 | 126 | | | 22 | 8 28 | 285 | 20 49 | 294 | 2 26 | 70 | 14 39 | 49 | |
| | 23 | | 8 27 | 263 | 19 38 | 247 | 1 37 | 22 | 14 20 | 116 | | | 23 | 8 51 | 287 | 21 21 | 304 | 2 55 | 71 | 15 6 | 39 | |
| | 24 | | 9 5 | 292 | 20 19 | 256 | 2 19 | 11 | 14 56 | 107 | | | 24 | 9 14 | 286 | 21 53 | 303 | 3 24 | 76 | 15 33 | 32 | |
| | 25 | 朔 | 9 38 | 296 | 20 56 | 262 | 2 56 | 6 | 15 29 | 100 | | | 25 | 9 37 | 283 | 22 26 | 301 | 3 53 | 83 | 16 1 | 30 | |
| | 26 | | 10 9 | 296 | 21 31 | 266 | 3 31 | 4 | 16 0 | 94 | | | 26 | 10 3 | 276 | 23 1 | 295 | 4 24 | 94 | 16 30 | 31 | |
| | 27 | | 10 38 | 293 | 22 6 | 265 | 4 3 | 8 | 16 30 | 89 | | | 27 | 10 30 | 267 | 23 41 | 285 | 4 57 | 107 | 17 3 | 38 | |
| | 28 | | 11 6 | 287 | 22 41 | 260 | 4 33 | 16 | 17 2 | 86 | | | 28 | 11 1 | 253 | | | 5 35 | 123 | 17 40 | 48 | |
| | 29 | | 11 33 | 279 | 23 17 | 251 | 5 3 | 28 | 17 34 | 85 | | | 29 | 0 28 | 272 | 11 40 | 237 | 6 22 | 140 | 18 28 | 63 | |
| | 30 | | 12 0 | 269 | 23 57 | 238 | 5 33 | 45 | 18 9 | 86 | | | 30 | 1 29 | 259 | 12 36 | 219 | 7 29 | 154 | 19 34 | 79 | |
| | 31 | | | | 12 29 | 256 | 6 5 | 66 | 18 48 | 89 | | | | | | | | | | | | |
| 2月 | 1 | 上弦 | 0 42 | 224 | 13 1 | 242 | 6 41 | 90 | 19 35 | 92 | 5月 | 1 | 上弦 | 2 53 | 252 | 14 15 | 206 | 9 12 | 157 | 21 5 | 88 | |
| | 2 | | 1 42 | 210 | 13 40 | 226 | 7 27 | 116 | 20 36 | 93 | | 2 | 4 23 | 257 | 16 15 | 215 | 10 51 | 141 | 22 39 | 84 | | |
| | 3 | | 3 7 | 203 | 14 38 | 212 | 8 40 | 140 | 21 53 | 88 | | 3 | 5 31 | 271 | 17 37 | 242 | 11 53 | 113 | 23 51 | 72 | | |
| | 4 | | 4 53 | 210 | 16 2 | 205 | 10 35 | 151 | 23 9 | 74 | | 4 | 6 21 | 287 | 18 37 | 274 | | | 12 39 | 82 | | |
| | 5 | | 6 17 | 230 | 17 22 | 211 | | | 12 11 | 144 | | 5 | 7 3 | 300 | 19 28 | 302 | 0 48 | 61 | 13 20 | 53 | | |
| | 6 | | 7 14 | 255 | 18 25 | 226 | 0 13 | 52 | 13 11 | 129 | | 6 | 7 40 | 308 | 20 16 | 323 | 1 37 | 56 | 13 59 | 28 | | |
| | 7 | | 7 59 | 278 | 19 17 | 245 | 1 7 | 28 | 13 56 | 113 | | 7 | 8 16 | 311 | 21 2 | 333 | 2 23 | 59 | 14 38 | 10 | | |
| | 8 | | 8 40 | 297 | 20 3 | 265 | 1 54 | 5 | 14 36 | 97 | | 8 | 8 51 | 308 | 21 48 | 334 | 3 6 | 89 | 15 17 | 2 | | |
| | 9 | 望 | 9 18 | 311 | 20 47 | 281 | 2 38 | -13 | 15 14 | 83 | | 9 | 9 25 | 300 | 22 34 | 327 | 3 49 | 84 | 15 57 | 2 | | |
| | 10 | | 9 55 | 318 | 21 32 | 292 | 3 20 | -23 | 15 53 | 70 | | 10 | 10 0 | 288 | 23 20 | 312 | 4 31 | 102 | 16 38 | 12 | | |
| | 11 | | 10 31 | 318 | 22 17 | 295 | 4 2 | -23 | 16 32 | 59 | | 11 | 10 37 | 271 | | | 5 15 | 120 | 17 19 | 29 | | |
| | 12 | | 11 6 | 312 | 23 3 | 289 | 4 42 | -12 | 17 12 | 52 | | 12 | 0 9 | 295 | 11 17 | 252 | 6 2 | 137 | 18 4 | 51 | | |
| | 13 | | 11 41 | 300 | 23 52 | 276 | 5 23 | 10 | 17 53 | 50 | | 13 | 1 1 | 276 | 12 3 | 231 | 6 56 | 151 | 18 53 | 76 | | |
| | 14 | | | | 12 16 | 283 | 6 4 | 41 | 18 38 | 53 | | 14 | 2 2 | 260 | 13 9 | 212 | 8 8 | 158 | 19 56 | 99 | | |
| | 15 | | 0 46 | 256 | 12 53 | 261 | 6 49 | 77 | 19 30 | 60 | | 15 | 3 15 | 249 | 14 51 | 202 | 9 42 | 155 | 21 19 | 116 | | |
| | 16 | 下弦 | 1 53 | 234 | 13 35 | 237 | 7 42 | 115 | 20 35 | 69 | | 16 | 4 29 | 248 | 16 36 | 208 | 11 3 | 140 | 22 45 | 120 | | |
| | 17 | | 3 27 | 219 | 14 36 | 214 | 9 5 | 146 | 21 59 | 73 | | 17 | 5 28 | 253 | 17 49 | 227 | 11 55 | 120 | 23 52 | 117 | | |
| | 18 | | 5 22 | 223 | 16 12 | 201 | 11 12 | 156 | 23 29 | 67 | | 18 | 6 12 | 260 | 18 39 | 248 | | | 12 34 | 99 | | |
| | 19 | | 6 48 | 241 | 17 48 | 205 | | | 12 47 | 144 | | 19 | 6 47 | 267 | 19 20 | 269 | 0 41 | 111 | 13 6 | 79 | | |
| | 20 | | 7 40 | 260 | 18 52 | 220 | 0 39 | 54 | 13 39 | 127 | | 20 | 7 17 | 273 | 19 56 | 286 | 1 21 | 106 | 13 37 | 62 | | |
| | 21 | | 8 18 | 275 | 19 38 | 237 | 1 30 | 39 | 14 15 | 111 | | 21 | 7 45 | 278 | 20 31 | 299 | 1 57 | 103 | 14 6 | 47 | | |
| | 22 | | 8 49 | 284 | 20 15 | 253 | 2 10 | 27 | 14 44 | 97 | | 22 | 8 12 | 282 | 21 5 | 308 | 2 30 | 102 | 14 36 | 37 | | |
| | 23 | | 9 17 | 290 | 20 49 | 265 | 2 45 | 19 | 15 11 | 85 | | 23 | 8 39 | 283 | 21 39 | 312 | 3 3 | 105 | 15 7 | 30 | | |
| | 24 | 朔 | 9 43 | 292 | 21 21 | 273 | 3 15 | 16 | 15 38 | 75 | | 24 | 9 8 | 282 | 22 15 | 312 | 3 36 | 109 | 15 39 | 27 | | |
| | 25 | | 10 7 | 291 | 21 53 | 277 | 3 43 | 18 | 16 5 | 67 | | 25 | 9 39 | 278 | 22 53 | 308 | 4 11 | 115 | 16 13 | 29 | | |
| | 26 | | 10 30 | 288 | 22 25 | 275 | 4 11 | 24 | 16 32 | 61 | | 26 | 10 13 | 271 | 23 36 | 301 | 4 49 | 123 | 16 51 | 35 | | |
| | 27 | | 10 53 | 283 | 22 58 | 269 | 4 38 | 35 | 17 1 | 58 | | 27 | 10 53 | 261 | | | 5 32 | 132 | 17 34 | 45 | | |
| | 28 | | 11 16 | 274 | 23 33 | 259 | 5 6 | 50 | 17 30 | 59 | | 28 | 0 23 | 291 | 11 41 | 248 | 6 23 | 141 | 18 24 | 59 | | |
| | 29 | | 11 40 | 262 | | | 5 35 | 70 | 18 2 | 62 | | 29 | 1 20 | 282 | 12 46 | 235 | 7 27 | 146 | 19 26 | 75 | | |
| | | | | | | | | | | | | 30 | 上弦 | 2 26 | 275 | 14 15 | 228 | 8 46 | 143 | 20 42 | 90 | |
| | | | | | | | | | | | | 31 | 3 36 | 273 | 15 52 | 236 | 10 6 | 127 | 22 4 | 97 | | |
| 3月 | 1 | 上弦 | 0 13 | 246 | 12 6 | 247 | 6 7 | 93 | 18 38 | 69 | 6月 | 1 | 4 40 | 278 | 17 13 | 256 | 11 10 | 102 | 23 18 | 98 | | |
| | 2 | | 1 0 | 231 | 12 36 | 230 | 6 46 | 118 | 19 24 | 77 | | 2 | 5 35 | 284 | 18 19 | 282 | | | 12 3 | | | |

徳山

TOKUYAMA

2020 年

| 日 | 満潮 | | | | 干潮 | | | | 日 | 満潮 | | | | 干潮 | | | | | | |
|----|----|------|-------|-------|-------|-------|-------|-------|-------|-----|----|-------|-------|-------|-------|------|-------|-------|-------|-----|
| | 時分 | cm | 時分 | cm | 時分 | cm | 時分 | cm | | 時分 | cm | 時分 | cm | 時分 | cm | 時分 | cm | | | |
| 7月 | 1 | 4 48 | 275 | 18 7 | 282 | 11 31 | 75 | | | 10月 | 1 | 8 20 | 304 | 20 47 | 317 | 2 26 | 94 | 14 34 | 71 | |
| | 2 | 5 44 | 276 | 19 10 | 301 | 0 1 | 137 | 12 26 | 56 | 2 | 望 | 8 51 | 314 | 21 9 | 317 | 2 51 | 82 | 15 2 | 74 | |
| | 3 | 6 35 | 280 | 20 3 | 317 | 1 4 | 137 | 13 16 | 40 | 3 | | 9 22 | 318 | 21 31 | 314 | 3 17 | 72 | 15 29 | 80 | |
| | 4 | 7 22 | 284 | 20 51 | 326 | 1 58 | 135 | 14 3 | 29 | 4 | | 9 53 | 318 | 21 53 | 309 | 3 43 | 66 | 15 57 | 90 | |
| | 5 | 望 | 8 6 | 288 | 21 33 | 330 | 2 45 | 133 | 14 47 | 24 | 5 | | 10 26 | 313 | 22 16 | 300 | 4 10 | 64 | 16 25 | 104 |
| | 6 | | 8 49 | 290 | 22 13 | 328 | 3 27 | 131 | 15 29 | 25 | 6 | | 10 59 | 304 | 22 39 | 289 | 4 38 | 65 | 16 55 | 120 |
| | 7 | | 9 30 | 289 | 22 59 | 323 | 4 6 | 130 | 16 8 | 32 | 7 | | 11 36 | 292 | 23 4 | 274 | 5 8 | 71 | 17 27 | 139 |
| | 8 | | 10 10 | 285 | 23 25 | 314 | 4 43 | 129 | 16 45 | 43 | 8 | | 12 20 | 277 | 23 33 | 256 | 5 40 | 81 | 18 7 | 159 |
| | 9 | | 10 51 | 278 | | | 5 20 | 129 | 17 21 | 58 | 9 | | | | 13 20 | 262 | 6 21 | 94 | 19 6 | 179 |
| | 10 | | 0 0 | 304 | 11 33 | 268 | 5 59 | 130 | 17 56 | 77 | 10 | 下弦 | 0 13 | 236 | 14 54 | 252 | 7 22 | 109 | 21 3 | 190 |
| | 11 | | 0 34 | 293 | 12 19 | 255 | 6 41 | 131 | 18 34 | 99 | 11 | | 1 34 | 217 | 16 42 | 260 | 9 1 | 117 | 23 11 | 176 |
| | 12 | | 1 10 | 280 | 13 15 | 242 | 7 29 | 132 | 19 18 | 123 | 12 | | 4 6 | 217 | 17 52 | 280 | 10 43 | 107 | | |
| | 13 | 下弦 | 1 51 | 267 | 14 26 | 233 | 8 27 | 131 | 20 15 | 145 | 13 | | 5 34 | 242 | 18 38 | 301 | 0 10 | 150 | 11 55 | 86 |
| | 14 | | 2 41 | 255 | 15 53 | 233 | 9 32 | 126 | 21 34 | 162 | 14 | | 6 31 | 275 | 19 16 | 319 | 0 50 | 121 | 12 48 | 65 |
| | 15 | | 3 42 | 248 | 17 17 | 245 | 10 37 | 115 | 23 3 | 169 | 15 | | 7 19 | 307 | 19 51 | 333 | 1 26 | 91 | 13 34 | 50 |
| | 16 | | 4 45 | 246 | 18 24 | 263 | 11 34 | 100 | | | 16 | | 8 3 | 332 | 20 24 | 339 | 2 1 | 64 | 14 17 | 45 |
| | 17 | | 5 41 | 250 | 19 15 | 283 | 0 15 | 165 | 12 24 | 82 | 17 | 朔 | 8 47 | 348 | 20 57 | 339 | 2 37 | 41 | 14 58 | 50 |
| | 18 | | 6 29 | 259 | 19 57 | 302 | 1 9 | 157 | 13 8 | 64 | 18 | | 9 32 | 353 | 21 30 | 332 | 3 14 | 25 | 15 39 | 65 |
| | 19 | | 7 13 | 270 | 20 37 | 316 | 1 53 | 148 | 13 50 | 48 | 19 | | 10 17 | 347 | 22 3 | 319 | 3 53 | 19 | 16 20 | 88 |
| | 20 | | 7 54 | 282 | 21 15 | 327 | 2 32 | 139 | 14 31 | 34 | 20 | | 11 5 | 332 | 22 37 | 300 | 4 33 | 23 | 17 3 | 114 |
| | 21 | 朔 | 8 36 | 292 | 21 53 | 334 | 3 10 | 131 | 15 12 | 25 | 21 | | 11 57 | 311 | 23 14 | 277 | 5 15 | 36 | 17 50 | 141 |
| | 22 | | 9 18 | 300 | 22 31 | 336 | 3 49 | 124 | 15 53 | 22 | 22 | | 12 57 | 288 | 23 56 | 251 | 6 57 | 82 | 18 48 | 165 |
| | 23 | | 10 2 | 303 | 23 9 | 334 | 4 29 | 118 | 16 35 | 25 | 23 | 上弦 | 0 58 | 225 | 14 13 | 268 | 8 57 | 82 | 20 13 | 180 |
| | 24 | | 10 48 | 302 | 23 48 | 328 | 5 10 | 113 | 17 17 | 38 | 24 | | 3 4 | 210 | 17 13 | 265 | 9 54 | 118 | 23 42 | 155 |
| | 25 | | 11 39 | 294 | | | 5 54 | 109 | 18 1 | 58 | 25 | | | | | | | | | |
| | 26 | | 0 27 | 317 | 12 35 | 283 | 6 42 | 106 | 18 49 | 86 | 26 | | 5 3 | 220 | 18 8 | 275 | 11 21 | 115 | | |
| | 27 | 上弦 | 1 10 | 302 | 13 42 | 270 | 7 37 | 104 | 19 45 | 117 | 27 | | 6 10 | 241 | 18 47 | 284 | 0 28 | 131 | 12 20 | 106 |
| | 28 | | 1 57 | 285 | 15 5 | 261 | 8 40 | 101 | 20 56 | 147 | 28 | | 6 55 | 263 | 19 18 | 292 | 1 1 | 109 | 13 3 | 97 |
| | 29 | | 2 55 | 270 | 16 39 | 264 | 9 52 | 96 | 22 27 | 166 | 29 | | 7 31 | 283 | 19 44 | 297 | 1 29 | 89 | 13 38 | 92 |
| | 30 | | 4 5 | 259 | 18 6 | 278 | 11 5 | 85 | 23 58 | 168 | 30 | | 8 4 | 298 | 20 8 | 300 | 1 56 | 72 | 14 9 | 90 |
| | 31 | | 5 18 | 257 | 19 12 | 297 | | | 12 12 | 72 | 31 | 望 | 8 35 | 309 | 20 31 | 301 | 2 22 | 58 | 14 38 | 91 |
| 8月 | 1 | 6 22 | 264 | 20 3 | 313 | 1 7 | 160 | 13 8 | 58 | 11月 | 1 | 9 7 | 315 | 20 54 | 299 | 2 48 | 48 | 15 7 | 95 | |
| | 2 | 7 16 | 274 | 20 44 | 323 | 1 58 | 149 | 13 56 | 47 | 2 | | 9 38 | 317 | 21 18 | 295 | 3 15 | 42 | 15 36 | 102 | |
| | 3 | 8 1 | 285 | 21 20 | 328 | 2 38 | 139 | 14 38 | 40 | 3 | | 10 11 | 314 | 21 43 | 288 | 3 43 | 40 | 16 6 | 112 | |
| | 4 | 望 | 8 41 | 294 | 21 53 | 329 | 3 13 | 130 | 15 16 | 39 | 4 | | 10 45 | 306 | 22 9 | 278 | 4 12 | 42 | 16 39 | 124 |
| | 5 | | 9 19 | 299 | 22 23 | 326 | 3 46 | 123 | 15 50 | 43 | 5 | | 11 23 | 296 | 22 39 | 264 | 4 43 | 49 | 17 15 | 137 |
| | 6 | | 9 56 | 300 | 22 51 | 320 | 4 17 | 117 | 16 22 | 52 | 6 | | 12 6 | 283 | 23 15 | 248 | 5 18 | 59 | 17 59 | 152 |
| | 7 | | 10 32 | 296 | 23 18 | 313 | 4 49 | 114 | 16 52 | 65 | 7 | | | | 13 2 | 269 | 6 2 | 74 | 19 0 | 165 |
| | 8 | | 11 9 | 288 | 23 45 | 303 | 5 22 | 112 | 17 23 | 82 | 8 | 下弦 | 0 4 | 229 | 14 19 | 260 | 7 1 | 89 | 20 37 | 170 |
| | 9 | | 11 49 | 276 | | | 5 56 | 112 | 17 54 | 103 | 9 | | 1 31 | 213 | 15 49 | 262 | 8 26 | 101 | 22 32 | 155 |
| | 10 | | 0 13 | 290 | 12 34 | 263 | 6 34 | 115 | 18 30 | 127 | 10 | | 3 39 | 216 | 17 1 | 274 | 10 3 | 101 | 23 28 | 127 |
| | 11 | | 0 42 | 276 | 13 30 | 249 | 7 17 | 119 | 19 13 | 152 | 11 | | 5 9 | 240 | 17 53 | 289 | 11 20 | 89 | | |
| | 12 | 下弦 | 1 18 | 260 | 14 48 | 240 | 8 12 | 122 | 20 21 | 176 | 12 | | 6 12 | 272 | 18 35 | 303 | 0 14 | 95 | 12 20 | 77 |
| | 13 | | 2 9 | 244 | 16 29 | 244 | 9 24 | 122 | 22 12 | 188 | 13 | | 7 4 | 302 | 19 13 | 313 | 0 55 | 63 | 13 10 | 69 |
| | 14 | | 3 30 | 234 | 17 57 | 260 | 10 42 | 113 | 23 54 | 183 | 14 | | 7 51 | 326 | 19 49 | 318 | 1 34 | 34 | 13 56 | 68 |
| | 15 | | 4 58 | 237 | 18 56 | 282 | 11 50 | 96 | | | 15 | 朔 | 8 38 | 341 | 20 25 | 317 | 2 13 | 12 | 14 41 | 75 |
| | 16 | | 6 5 | 250 | 19 40 | 304 | 0 55 | 168 | 12 45 | 75 | 16 | | 9 24 | 345 | 21 1 | 311 | 2 52 | 0 | 15 24 | 88 |
| | 17 | | 6 58 | 269 | 20 19 | 322 | 1 39 | 152 | 13 32 | 54 | 17 | | 10 11 | 339 | 21 37 | 300 | 3 33 | -3 | 16 8 | 104 |
| | 18 | | 7 43 | 289 | 20 56 | 336 | 2 17 | 136 | 14 16 | 36 | 18 | | 10 58 | 326 | 22 15 | 284 | 4 15 | 4 | 16 53 | 120 |
| | 19 | 朔 | 8 27 | 308 | 21 31 | 345 | 2 53 | 121 | 14 57 | 24 | 19 | | 11 47 | 308 | 22 56 | 264 | 4 58 | 20 | 17 41 | 136 |
| | 20 | | 9 10 | 321 | 22 6 | 348 | 3 30 | 106 | 15 38 | 21 | 20 | | 12 40 | 288 | 23 44 | 242 | 5 44 | 42 | 18 35 | 149 |
| | 21 | | 9 54 | 328 | 22 40 | 345 | 4 7 | 94 | 16 18 | 28 | 21 | | | | 13 39 | 270 | 6 34 | 68 | 19 44 | 157 |
| | 22 | | 10 39 | 326 | 23 14 | 336 | 4 46 | 85 | 16 59 | 46 | 22 | 上弦 | 0 46 | 220 | 14 49 | 257 | 7 34 | 93 | 21 14 | 155 |
| | 23 | | 11 27 | 316 | 23 49 | 321 | 5 27 | 80 | 17 40 | 73 | 23 | | 2 22 | 205 | 16 3 | 252 | 8 53 | 113 | 22 40 | 140 |
| | 24 | | | | 12 20 | 300 | 6 11 | 80 | 18 24 | 107 | 24 | | 4 13 | 208 | 17 5 | 254 | 10 21 | 122 | 23 38 | 119 |
| | 25 | | 0 25 | 301 | 13 24 | 280 | 7 0 | 86 | 19 17 | 142 | 25 | | 5 33 | 224 | 17 53 | 259 | 11 33 | 121 | | |
| | 26 | | 1 7 | 278 | 14 48 | 264 | 8 0 | 95 | 20 32 | 174 | 26 | | 6 28 | 245 | 18 30 | 265 | 0 20 | 97 | 12 26 | 116 |
| | 27 | | 2 3 | 255 | 16 36 | 262 | 9 18 | 102 | 22 27 | 188 | 27 | | 7 10 | 265 | 19 1 | 270 | 0 53 | 76 | 13 8 | 111 |
| | 28 | | 3 32 | 239 | 18 10 | 277 | 10 48 | 100 | | | 28 | | 7 47 | 282 | 19 29 | 274 | 1 24 | 57 | 13 44 | 108 |
| | 29 | | 5 13 | 240 | 19 10 | 295 | 0 12 | 180 | 12 5 | 89 | 29 | | 8 21 | 295 | 19 56 | 278 | 1 54 | 42 | 14 18 | 106 |
| | 30 | | 6 26 | 254 | 19 53 | 310 | 1 12 | 162 | 13 3 | 75 | 30 | | 8 54 | 304 | 20 24 | 279 | 2 23 | 30 | 14 50 | 107 |
| | 31 | | 7 17 | 272 | 20 27 | 320 | 1 52 | 144 | 13 48 | 63 | | | | | | | | | | |
| 9月 | 1 | 7 57 | 288 | 20 57 | 325 | 2 24 | 129 | 14 25 | 56 | 12月 | 1 | 9 28 | 308 | 20 52 | 278 | 2 53 | 23 | 15 22 | 109 | |
| | 2 | 望 | 8 33 | 301 | 21 23 | 326 | 2 53 | 116 | 14 57 | 54 | 2 | | 10 2 | 307 | 21 21 | 274 | 3 24 | 20 | 15 55 | 114 |
| | 3 | | 9 6 | 309 | 21 48 | 325 | 3 20 | 106 | 15 27 | 57 | 3 | | 10 37 | 303 | 21 54 | 268 | 3 57 | 21 | 16 31 | 119 |
| | 4 | | 9 39 | 312 | 22 12 | 321 | 3 48 | 97 | 15 55 | 65 | 4 | | 11 16 | 296 | 22 30 | 258 | 4 32 | 26 | 17 9 | 126 |
| | 5 | | 10 12 | 310 | 22 35 | 315 | 4 16 | 92 | 16 23 | 76 | 5 | | 11 58 | 287 | 23 13 | 245 | 5 10 | 35 | 17 55 | 134 |
| | 6 | | 10 45 | 304 | 22 58 | 306 | 4 44 | 89 | 16 51 | 92 | 6 | | | | 12 48 | 277 | 5 55 | 48 | 18 51 | 139 |
| | 7 | | 11 21 | 294 | 23 21 | 294 | 5 14 | 80 | 17 20 | 112 | 7 | | 0 8 | 231 | 13 47 | 268 | 6 48 | 64 | 20 4 | 138 |
| | 8 | | 12 0 | 280 | 23 46 | 279 | 5 45 | 84 | 17 52 | 134 | 8 | 下弦 | 1 26 | 219 | 14 55 | 263 | 7 57 | 81 | 21 27 | 128 |
| | 9 | | | | 12 47 | 265 | 6 21 | 101 | 18 31 | 158 | 9 | | 3 6 | 218 | 16 2 | 264 | 9 19 | 93 | 22 38 | 103 |
| | 10 | 下弦 | 0 15 | 261 | 13 53 | 251 | 7 5 | 111 | 19 28 | 181 | 10 | | 4 38 | 234 | 17 1 | 270 | 10 40 | 98 | 23 36 | 73 |
| | 11 | | 0 54 | 242 | 15 38 | 246 | 8 11 | 120 | 21 30 | 196 | 11 | | 5 51 | 260 | 17 52 | 277 | 11 50 | 96 | | |
| | 12 | | 2 14 | 225 | 17 26 | 260 | | | | | | | | | | | | | | |