

# Sun

Kalasin

Location: E103°33'03.6", N16°18'35.9", 0m  
(Longitude referred to Greenwich meridian)

Time Zone: 7h 00m east of Greenwich

| Date<br>(Zone) |     |          | Begin<br>Nautical<br>Twilight | Rise  | Az. | Transit | Alt. | Set   | Az. | End<br>Nautical<br>Twilight |
|----------------|-----|----------|-------------------------------|-------|-----|---------|------|-------|-----|-----------------------------|
|                |     |          | h m                           | h m   | °   | h m     | °    | h m   | °   | h m                         |
| 2025           | Jan | 01 (Wed) | 05:44                         | 06:34 | 114 | 12:09   | 51S  | 17:45 | 246 | 18:35                       |
| 2025           | Jan | 02 (Thu) | 05:44                         | 06:34 | 114 | 12:10   | 52S  | 17:45 | 246 | 18:36                       |
| 2025           | Jan | 03 (Fri) | 05:44                         | 06:35 | 114 | 12:10   | 52S  | 17:46 | 246 | 18:36                       |
| 2025           | Jan | 04 (Sat) | 05:45                         | 06:35 | 113 | 12:11   | 52S  | 17:47 | 247 | 18:37                       |
| 2025           | Jan | 05 (Sun) | 05:45                         | 06:35 | 113 | 12:11   | 52S  | 17:47 | 247 | 18:37                       |
| 2025           | Jan | 06 (Mon) | 05:46                         | 06:36 | 113 | 12:12   | 52S  | 17:48 | 247 | 18:38                       |
| 2025           | Jan | 07 (Tue) | 05:46                         | 06:36 | 113 | 12:12   | 52S  | 17:48 | 247 | 18:38                       |
| 2025           | Jan | 08 (Wed) | 05:46                         | 06:36 | 113 | 12:12   | 52S  | 17:49 | 247 | 18:39                       |
| 2025           | Jan | 09 (Thu) | 05:46                         | 06:36 | 113 | 12:13   | 52S  | 17:50 | 247 | 18:39                       |
| 2025           | Jan | 10 (Fri) | 05:47                         | 06:37 | 113 | 12:13   | 52S  | 17:50 | 247 | 18:40                       |
| 2025           | Jan | 11 (Sat) | 05:47                         | 06:37 | 113 | 12:14   | 53S  | 17:51 | 248 | 18:41                       |
| 2025           | Jan | 12 (Sun) | 05:47                         | 06:37 | 112 | 12:14   | 53S  | 17:51 | 248 | 18:41                       |
| 2025           | Jan | 13 (Mon) | 05:47                         | 06:37 | 112 | 12:14   | 53S  | 17:52 | 248 | 18:42                       |
| 2025           | Jan | 14 (Tue) | 05:48                         | 06:37 | 112 | 12:15   | 53S  | 17:53 | 248 | 18:42                       |
| 2025           | Jan | 15 (Wed) | 05:48                         | 06:37 | 112 | 12:15   | 53S  | 17:53 | 248 | 18:43                       |
| 2025           | Jan | 16 (Thu) | 05:48                         | 06:37 | 112 | 12:16   | 54S  | 17:54 | 249 | 18:43                       |
| 2025           | Jan | 17 (Fri) | 05:48                         | 06:37 | 111 | 12:16   | 54S  | 17:54 | 249 | 18:44                       |
| 2025           | Jan | 18 (Sat) | 05:48                         | 06:38 | 111 | 12:16   | 54S  | 17:55 | 249 | 18:44                       |
| 2025           | Jan | 19 (Sun) | 05:48                         | 06:38 | 111 | 12:16   | 54S  | 17:56 | 249 | 18:45                       |
| 2025           | Jan | 20 (Mon) | 05:48                         | 06:38 | 111 | 12:17   | 54S  | 17:56 | 249 | 18:45                       |
| 2025           | Jan | 21 (Tue) | 05:48                         | 06:38 | 111 | 12:17   | 55S  | 17:57 | 250 | 18:46                       |
| 2025           | Jan | 22 (Wed) | 05:48                         | 06:38 | 110 | 12:17   | 55S  | 17:57 | 250 | 18:46                       |
| 2025           | Jan | 23 (Thu) | 05:49                         | 06:38 | 110 | 12:18   | 55S  | 17:58 | 250 | 18:47                       |
| 2025           | Jan | 24 (Fri) | 05:49                         | 06:37 | 110 | 12:18   | 55S  | 17:58 | 250 | 18:47                       |
| 2025           | Jan | 25 (Sat) | 05:49                         | 06:37 | 110 | 12:18   | 55S  | 17:59 | 251 | 18:48                       |
| 2025           | Jan | 26 (Sun) | 05:48                         | 06:37 | 109 | 12:18   | 56S  | 17:59 | 251 | 18:48                       |
| 2025           | Jan | 27 (Mon) | 05:48                         | 06:37 | 109 | 12:19   | 56S  | 18:00 | 251 | 18:49                       |
| 2025           | Jan | 28 (Tue) | 05:48                         | 06:37 | 109 | 12:19   | 56S  | 18:01 | 251 | 18:49                       |
| 2025           | Jan | 29 (Wed) | 05:48                         | 06:37 | 108 | 12:19   | 57S  | 18:01 | 252 | 18:50                       |
| 2025           | Jan | 30 (Thu) | 05:48                         | 06:37 | 108 | 12:19   | 57S  | 18:02 | 252 | 18:50                       |
| 2025           | Jan | 31 (Fri) | 05:48                         | 06:37 | 108 | 12:19   | 57S  | 18:02 | 252 | 18:51                       |
| 2025           | Feb | 01 (Sat) | 05:48                         | 06:36 | 108 | 12:19   | 57S  | 18:03 | 253 | 18:51                       |
| 2025           | Feb | 02 (Sun) | 05:48                         | 06:36 | 107 | 12:19   | 58S  | 18:03 | 253 | 18:51                       |
| 2025           | Feb | 03 (Mon) | 05:48                         | 06:36 | 107 | 12:20   | 58S  | 18:04 | 253 | 18:52                       |
| 2025           | Feb | 04 (Tue) | 05:47                         | 06:36 | 107 | 12:20   | 58S  | 18:04 | 253 | 18:52                       |
| 2025           | Feb | 05 (Wed) | 05:47                         | 06:35 | 106 | 12:20   | 59S  | 18:04 | 254 | 18:53                       |
| 2025           | Feb | 06 (Thu) | 05:47                         | 06:35 | 106 | 12:20   | 59S  | 18:05 | 254 | 18:53                       |
| 2025           | Feb | 07 (Fri) | 05:47                         | 06:35 | 106 | 12:20   | 59S  | 18:05 | 254 | 18:53                       |
| 2025           | Feb | 08 (Sat) | 05:46                         | 06:34 | 105 | 12:20   | 59S  | 18:06 | 255 | 18:54                       |
| 2025           | Feb | 09 (Sun) | 05:46                         | 06:34 | 105 | 12:20   | 60S  | 18:06 | 255 | 18:54                       |
| 2025           | Feb | 10 (Mon) | 05:46                         | 06:34 | 105 | 12:20   | 60S  | 18:07 | 255 | 18:54                       |
| 2025           | Feb | 11 (Tue) | 05:45                         | 06:33 | 104 | 12:20   | 60S  | 18:07 | 256 | 18:55                       |
| 2025           | Feb | 12 (Wed) | 05:45                         | 06:33 | 104 | 12:20   | 61S  | 18:07 | 256 | 18:55                       |
| 2025           | Feb | 13 (Thu) | 05:45                         | 06:32 | 104 | 12:20   | 61S  | 18:08 | 256 | 18:55                       |
| 2025           | Feb | 14 (Fri) | 05:44                         | 06:32 | 103 | 12:20   | 61S  | 18:08 | 257 | 18:56                       |
| 2025           | Feb | 15 (Sat) | 05:44                         | 06:31 | 103 | 12:20   | 62S  | 18:09 | 257 | 18:56                       |
| 2025           | Feb | 16 (Sun) | 05:44                         | 06:31 | 103 | 12:20   | 62S  | 18:09 | 258 | 18:56                       |
| 2025           | Feb | 17 (Mon) | 05:43                         | 06:30 | 102 | 12:20   | 63S  | 18:09 | 258 | 18:57                       |
| 2025           | Feb | 18 (Tue) | 05:43                         | 06:30 | 102 | 12:20   | 63S  | 18:10 | 258 | 18:57                       |
| 2025           | Feb | 19 (Wed) | 05:42                         | 06:29 | 102 | 12:20   | 63S  | 18:10 | 259 | 18:57                       |
| 2025           | Feb | 20 (Thu) | 05:42                         | 06:29 | 101 | 12:19   | 64S  | 18:10 | 259 | 18:57                       |
| 2025           | Feb | 21 (Fri) | 05:41                         | 06:28 | 101 | 12:19   | 64S  | 18:11 | 259 | 18:58                       |
| 2025           | Feb | 22 (Sat) | 05:41                         | 06:28 | 100 | 12:19   | 64S  | 18:11 | 260 | 18:58                       |
| 2025           | Feb | 23 (Sun) | 05:40                         | 06:27 | 100 | 12:19   | 65S  | 18:11 | 260 | 18:58                       |
| 2025           | Feb | 24 (Mon) | 05:40                         | 06:27 | 100 | 12:19   | 65S  | 18:11 | 261 | 18:58                       |
| 2025           | Feb | 25 (Tue) | 05:39                         | 06:26 | 99  | 12:19   | 65S  | 18:12 | 261 | 18:59                       |
| 2025           | Feb | 26 (Wed) | 05:39                         | 06:25 | 99  | 12:19   | 66S  | 18:12 | 261 | 18:59                       |
| 2025           | Feb | 27 (Thu) | 05:38                         | 06:25 | 98  | 12:18   | 66S  | 18:12 | 262 | 18:59                       |
| 2025           | Feb | 28 (Fri) | 05:37                         | 06:24 | 98  | 12:18   | 67S  | 18:13 | 262 | 18:59                       |
| 2025           | Mar | 01 (Sat) | 05:37                         | 06:24 | 98  | 12:18   | 67S  | 18:13 | 263 | 19:00                       |

|      |     |    |       |       |       |    |       |     |       |     |       |
|------|-----|----|-------|-------|-------|----|-------|-----|-------|-----|-------|
| 2025 | Mar | 02 | (Sun) | 05:36 | 06:23 | 97 | 12:18 | 67S | 18:13 | 263 | 19:00 |
| 2025 | Mar | 03 | (Mon) | 05:36 | 06:22 | 97 | 12:18 | 68S | 18:13 | 263 | 19:00 |
| 2025 | Mar | 04 | (Tue) | 05:35 | 06:22 | 96 | 12:17 | 68S | 18:14 | 264 | 19:00 |
| 2025 | Mar | 05 | (Wed) | 05:34 | 06:21 | 96 | 12:17 | 68S | 18:14 | 264 | 19:00 |
| 2025 | Mar | 06 | (Thu) | 05:34 | 06:20 | 96 | 12:17 | 69S | 18:14 | 265 | 19:01 |
| 2025 | Mar | 07 | (Fri) | 05:33 | 06:20 | 95 | 12:17 | 69S | 18:14 | 265 | 19:01 |
| 2025 | Mar | 08 | (Sat) | 05:32 | 06:19 | 95 | 12:17 | 70S | 18:14 | 265 | 19:01 |
| 2025 | Mar | 09 | (Sun) | 05:32 | 06:18 | 94 | 12:16 | 70S | 18:15 | 266 | 19:01 |
| 2025 | Mar | 10 | (Mon) | 05:31 | 06:17 | 94 | 12:16 | 70S | 18:15 | 266 | 19:01 |
| 2025 | Mar | 11 | (Tue) | 05:30 | 06:17 | 94 | 12:16 | 71S | 18:15 | 267 | 19:02 |
| 2025 | Mar | 12 | (Wed) | 05:29 | 06:16 | 93 | 12:16 | 71S | 18:15 | 267 | 19:02 |
| 2025 | Mar | 13 | (Thu) | 05:29 | 06:15 | 93 | 12:15 | 72S | 18:15 | 267 | 19:02 |
| 2025 | Mar | 14 | (Fri) | 05:28 | 06:15 | 92 | 12:15 | 72S | 18:16 | 268 | 19:02 |
| 2025 | Mar | 15 | (Sat) | 05:27 | 06:14 | 92 | 12:15 | 72S | 18:16 | 268 | 19:02 |
| 2025 | Mar | 16 | (Sun) | 05:27 | 06:13 | 92 | 12:14 | 73S | 18:16 | 269 | 19:03 |
| 2025 | Mar | 17 | (Mon) | 05:26 | 06:12 | 91 | 12:14 | 73S | 18:16 | 269 | 19:03 |
| 2025 | Mar | 18 | (Tue) | 05:25 | 06:12 | 91 | 12:14 | 74S | 18:16 | 269 | 19:03 |
| 2025 | Mar | 19 | (Wed) | 05:24 | 06:11 | 90 | 12:14 | 74S | 18:17 | 270 | 19:03 |
| 2025 | Mar | 20 | (Thu) | 05:24 | 06:10 | 90 | 12:13 | 74S | 18:17 | 270 | 19:03 |
| 2025 | Mar | 21 | (Fri) | 05:23 | 06:09 | 90 | 12:13 | 75S | 18:17 | 271 | 19:03 |
| 2025 | Mar | 22 | (Sat) | 05:22 | 06:09 | 89 | 12:13 | 75S | 18:17 | 271 | 19:04 |
| 2025 | Mar | 23 | (Sun) | 05:21 | 06:08 | 89 | 12:12 | 76S | 18:17 | 272 | 19:04 |
| 2025 | Mar | 24 | (Mon) | 05:20 | 06:07 | 88 | 12:12 | 76S | 18:17 | 272 | 19:04 |
| 2025 | Mar | 25 | (Tue) | 05:20 | 06:06 | 88 | 12:12 | 76S | 18:17 | 272 | 19:04 |
| 2025 | Mar | 26 | (Wed) | 05:19 | 06:05 | 87 | 12:11 | 77S | 18:18 | 273 | 19:04 |
| 2025 | Mar | 27 | (Thu) | 05:18 | 06:05 | 87 | 12:11 | 77S | 18:18 | 273 | 19:05 |
| 2025 | Mar | 28 | (Fri) | 05:17 | 06:04 | 87 | 12:11 | 77S | 18:18 | 274 | 19:05 |
| 2025 | Mar | 29 | (Sat) | 05:16 | 06:03 | 86 | 12:11 | 78S | 18:18 | 274 | 19:05 |
| 2025 | Mar | 30 | (Sun) | 05:16 | 06:02 | 86 | 12:10 | 78S | 18:18 | 274 | 19:05 |
| 2025 | Mar | 31 | (Mon) | 05:15 | 06:02 | 85 | 12:10 | 79S | 18:18 | 275 | 19:05 |
| 2025 | Apr | 01 | (Tue) | 05:14 | 06:01 | 85 | 12:10 | 79S | 18:19 | 275 | 19:06 |
| 2025 | Apr | 02 | (Wed) | 05:13 | 06:00 | 85 | 12:09 | 79S | 18:19 | 276 | 19:06 |
| 2025 | Apr | 03 | (Thu) | 05:13 | 05:59 | 84 | 12:09 | 80S | 18:19 | 276 | 19:06 |
| 2025 | Apr | 04 | (Fri) | 05:12 | 05:59 | 84 | 12:09 | 80S | 18:19 | 276 | 19:06 |
| 2025 | Apr | 05 | (Sat) | 05:11 | 05:58 | 83 | 12:08 | 81S | 18:19 | 277 | 19:06 |
| 2025 | Apr | 06 | (Sun) | 05:10 | 05:57 | 83 | 12:08 | 81S | 18:19 | 277 | 19:07 |
| 2025 | Apr | 07 | (Mon) | 05:09 | 05:56 | 83 | 12:08 | 81S | 18:20 | 278 | 19:07 |
| 2025 | Apr | 08 | (Tue) | 05:09 | 05:56 | 82 | 12:08 | 82S | 18:20 | 278 | 19:07 |
| 2025 | Apr | 09 | (Wed) | 05:08 | 05:55 | 82 | 12:07 | 82S | 18:20 | 278 | 19:07 |
| 2025 | Apr | 10 | (Thu) | 05:07 | 05:54 | 81 | 12:07 | 82S | 18:20 | 279 | 19:07 |
| 2025 | Apr | 11 | (Fri) | 05:06 | 05:54 | 81 | 12:07 | 83S | 18:20 | 279 | 19:08 |
| 2025 | Apr | 12 | (Sat) | 05:05 | 05:53 | 81 | 12:07 | 83S | 18:20 | 279 | 19:08 |
| 2025 | Apr | 13 | (Sun) | 05:05 | 05:52 | 80 | 12:06 | 84S | 18:21 | 280 | 19:08 |
| 2025 | Apr | 14 | (Mon) | 05:04 | 05:52 | 80 | 12:06 | 84S | 18:21 | 280 | 19:08 |
| 2025 | Apr | 15 | (Tue) | 05:03 | 05:51 | 80 | 12:06 | 84S | 18:21 | 281 | 19:09 |
| 2025 | Apr | 16 | (Wed) | 05:02 | 05:50 | 79 | 12:06 | 85S | 18:21 | 281 | 19:09 |
| 2025 | Apr | 17 | (Thu) | 05:02 | 05:49 | 79 | 12:05 | 85S | 18:21 | 281 | 19:09 |
| 2025 | Apr | 18 | (Fri) | 05:01 | 05:49 | 78 | 12:05 | 85S | 18:22 | 282 | 19:10 |
| 2025 | Apr | 19 | (Sat) | 05:00 | 05:48 | 78 | 12:05 | 86S | 18:22 | 282 | 19:10 |
| 2025 | Apr | 20 | (Sun) | 05:00 | 05:48 | 78 | 12:05 | 86S | 18:22 | 282 | 19:10 |
| 2025 | Apr | 21 | (Mon) | 04:59 | 05:47 | 77 | 12:04 | 86S | 18:22 | 283 | 19:10 |
| 2025 | Apr | 22 | (Tue) | 04:58 | 05:46 | 77 | 12:04 | 87S | 18:23 | 283 | 19:11 |
| 2025 | Apr | 23 | (Wed) | 04:57 | 05:46 | 77 | 12:04 | 87S | 18:23 | 283 | 19:11 |
| 2025 | Apr | 24 | (Thu) | 04:57 | 05:45 | 76 | 12:04 | 87S | 18:23 | 284 | 19:11 |
| 2025 | Apr | 25 | (Fri) | 04:56 | 05:45 | 76 | 12:04 | 88S | 18:23 | 284 | 19:12 |
| 2025 | Apr | 26 | (Sat) | 04:55 | 05:44 | 76 | 12:04 | 88S | 18:23 | 285 | 19:12 |
| 2025 | Apr | 27 | (Sun) | 04:55 | 05:43 | 75 | 12:03 | 88S | 18:24 | 285 | 19:12 |
| 2025 | Apr | 28 | (Mon) | 04:54 | 05:43 | 75 | 12:03 | 89S | 18:24 | 285 | 19:13 |
| 2025 | Apr | 29 | (Tue) | 04:54 | 05:42 | 75 | 12:03 | 89S | 18:24 | 286 | 19:13 |
| 2025 | Apr | 30 | (Wed) | 04:53 | 05:42 | 74 | 12:03 | 89S | 18:24 | 286 | 19:13 |
| 2025 | May | 01 | (Thu) | 04:52 | 05:41 | 74 | 12:03 | 90S | 18:25 | 286 | 19:14 |
| 2025 | May | 02 | (Fri) | 04:52 | 05:41 | 74 | 12:03 | 90S | 18:25 | 286 | 19:14 |
| 2025 | May | 03 | (Sat) | 04:51 | 05:40 | 73 | 12:03 | 90S | 18:25 | 287 | 19:14 |
| 2025 | May | 04 | (Sun) | 04:51 | 05:40 | 73 | 12:03 | 90S | 18:26 | 287 | 19:15 |
| 2025 | May | 05 | (Mon) | 04:50 | 05:39 | 73 | 12:02 | 91N | 18:26 | 287 | 19:15 |
| 2025 | May | 06 | (Tue) | 04:50 | 05:39 | 72 | 12:02 | 90N | 18:26 | 288 | 19:16 |
| 2025 | May | 07 | (Wed) | 04:49 | 05:38 | 72 | 12:02 | 90N | 18:26 | 288 | 19:16 |
| 2025 | May | 08 | (Thu) | 04:49 | 05:38 | 72 | 12:02 | 90N | 18:27 | 288 | 19:16 |
| 2025 | May | 09 | (Fri) | 04:48 | 05:38 | 72 | 12:02 | 90N | 18:27 | 289 | 19:17 |
| 2025 | May | 10 | (Sat) | 04:48 | 05:37 | 71 | 12:02 | 89N | 18:27 | 289 | 19:17 |
| 2025 | May | 11 | (Sun) | 04:47 | 05:37 | 71 | 12:02 | 89N | 18:28 | 289 | 19:18 |
| 2025 | May | 12 | (Mon) | 04:47 | 05:37 | 71 | 12:02 | 89N | 18:28 | 289 | 19:18 |

|      |     |    |       |       |       |    |       |     |       |     |       |
|------|-----|----|-------|-------|-------|----|-------|-----|-------|-----|-------|
| 2025 | May | 13 | (Tue) | 04:46 | 05:36 | 71 | 12:02 | 89N | 18:28 | 290 | 19:18 |
| 2025 | May | 14 | (Wed) | 04:46 | 05:36 | 70 | 12:02 | 88N | 18:29 | 290 | 19:19 |
| 2025 | May | 15 | (Thu) | 04:45 | 05:36 | 70 | 12:02 | 88N | 18:29 | 290 | 19:19 |
| 2025 | May | 16 | (Fri) | 04:45 | 05:35 | 70 | 12:02 | 88N | 18:29 | 290 | 19:20 |
| 2025 | May | 17 | (Sat) | 04:45 | 05:35 | 70 | 12:02 | 88N | 18:30 | 291 | 19:20 |
| 2025 | May | 18 | (Sun) | 04:44 | 05:35 | 69 | 12:02 | 87N | 18:30 | 291 | 19:20 |
| 2025 | May | 19 | (Mon) | 04:44 | 05:34 | 69 | 12:02 | 87N | 18:30 | 291 | 19:21 |
| 2025 | May | 20 | (Tue) | 04:44 | 05:34 | 69 | 12:02 | 87N | 18:31 | 291 | 19:21 |
| 2025 | May | 21 | (Wed) | 04:43 | 05:34 | 69 | 12:02 | 87N | 18:31 | 291 | 19:22 |
| 2025 | May | 22 | (Thu) | 04:43 | 05:34 | 68 | 12:02 | 87N | 18:31 | 292 | 19:22 |
| 2025 | May | 23 | (Fri) | 04:43 | 05:34 | 68 | 12:03 | 86N | 18:32 | 292 | 19:23 |
| 2025 | May | 24 | (Sat) | 04:42 | 05:33 | 68 | 12:03 | 86N | 18:32 | 292 | 19:23 |
| 2025 | May | 25 | (Sun) | 04:42 | 05:33 | 68 | 12:03 | 86N | 18:32 | 292 | 19:23 |
| 2025 | May | 26 | (Mon) | 04:42 | 05:33 | 68 | 12:03 | 86N | 18:33 | 292 | 19:24 |
| 2025 | May | 27 | (Tue) | 04:42 | 05:33 | 68 | 12:03 | 86N | 18:33 | 293 | 19:24 |
| 2025 | May | 28 | (Wed) | 04:42 | 05:33 | 67 | 12:03 | 86N | 18:33 | 293 | 19:25 |
| 2025 | May | 29 | (Thu) | 04:42 | 05:33 | 67 | 12:03 | 85N | 18:34 | 293 | 19:25 |
| 2025 | May | 30 | (Fri) | 04:41 | 05:33 | 67 | 12:03 | 85N | 18:34 | 293 | 19:26 |
| 2025 | May | 31 | (Sat) | 04:41 | 05:33 | 67 | 12:03 | 85N | 18:34 | 293 | 19:26 |
| 2025 | Jun | 01 | (Sun) | 04:41 | 05:33 | 67 | 12:04 | 85N | 18:35 | 293 | 19:26 |
| 2025 | Jun | 02 | (Mon) | 04:41 | 05:33 | 67 | 12:04 | 85N | 18:35 | 294 | 19:27 |
| 2025 | Jun | 03 | (Tue) | 04:41 | 05:33 | 66 | 12:04 | 85N | 18:35 | 294 | 19:27 |
| 2025 | Jun | 04 | (Wed) | 04:41 | 05:33 | 66 | 12:04 | 85N | 18:36 | 294 | 19:28 |
| 2025 | Jun | 05 | (Thu) | 04:41 | 05:33 | 66 | 12:04 | 84N | 18:36 | 294 | 19:28 |
| 2025 | Jun | 06 | (Fri) | 04:41 | 05:33 | 66 | 12:04 | 84N | 18:36 | 294 | 19:28 |
| 2025 | Jun | 07 | (Sat) | 04:41 | 05:33 | 66 | 12:05 | 84N | 18:37 | 294 | 19:29 |
| 2025 | Jun | 08 | (Sun) | 04:41 | 05:33 | 66 | 12:05 | 84N | 18:37 | 294 | 19:29 |
| 2025 | Jun | 09 | (Mon) | 04:41 | 05:33 | 66 | 12:05 | 84N | 18:37 | 294 | 19:29 |
| 2025 | Jun | 10 | (Tue) | 04:41 | 05:33 | 66 | 12:05 | 84N | 18:38 | 294 | 19:30 |
| 2025 | Jun | 11 | (Wed) | 04:41 | 05:33 | 66 | 12:05 | 84N | 18:38 | 294 | 19:30 |
| 2025 | Jun | 12 | (Thu) | 04:41 | 05:33 | 66 | 12:06 | 84N | 18:38 | 294 | 19:30 |
| 2025 | Jun | 13 | (Fri) | 04:41 | 05:33 | 65 | 12:06 | 84N | 18:39 | 295 | 19:31 |
| 2025 | Jun | 14 | (Sat) | 04:41 | 05:33 | 65 | 12:06 | 84N | 18:39 | 295 | 19:31 |
| 2025 | Jun | 15 | (Sun) | 04:41 | 05:33 | 65 | 12:06 | 84N | 18:39 | 295 | 19:31 |
| 2025 | Jun | 16 | (Mon) | 04:42 | 05:34 | 65 | 12:07 | 84N | 18:39 | 295 | 19:32 |
| 2025 | Jun | 17 | (Tue) | 04:42 | 05:34 | 65 | 12:07 | 84N | 18:40 | 295 | 19:32 |
| 2025 | Jun | 18 | (Wed) | 04:42 | 05:34 | 65 | 12:07 | 84N | 18:40 | 295 | 19:32 |
| 2025 | Jun | 19 | (Thu) | 04:42 | 05:34 | 65 | 12:07 | 84N | 18:40 | 295 | 19:32 |
| 2025 | Jun | 20 | (Fri) | 04:42 | 05:34 | 65 | 12:07 | 84N | 18:40 | 295 | 19:33 |
| 2025 | Jun | 21 | (Sat) | 04:42 | 05:35 | 65 | 12:08 | 84N | 18:41 | 295 | 19:33 |
| 2025 | Jun | 22 | (Sun) | 04:43 | 05:35 | 65 | 12:08 | 84N | 18:41 | 295 | 19:33 |
| 2025 | Jun | 23 | (Mon) | 04:43 | 05:35 | 65 | 12:08 | 84N | 18:41 | 295 | 19:33 |
| 2025 | Jun | 24 | (Tue) | 04:43 | 05:35 | 65 | 12:08 | 84N | 18:41 | 295 | 19:33 |
| 2025 | Jun | 25 | (Wed) | 04:43 | 05:36 | 65 | 12:08 | 84N | 18:41 | 295 | 19:34 |
| 2025 | Jun | 26 | (Thu) | 04:44 | 05:36 | 65 | 12:09 | 84N | 18:42 | 295 | 19:34 |
| 2025 | Jun | 27 | (Fri) | 04:44 | 05:36 | 65 | 12:09 | 84N | 18:42 | 295 | 19:34 |
| 2025 | Jun | 28 | (Sat) | 04:44 | 05:36 | 65 | 12:09 | 84N | 18:42 | 295 | 19:34 |
| 2025 | Jun | 29 | (Sun) | 04:45 | 05:37 | 65 | 12:09 | 84N | 18:42 | 294 | 19:34 |
| 2025 | Jun | 30 | (Mon) | 04:45 | 05:37 | 66 | 12:10 | 84N | 18:42 | 294 | 19:34 |
| 2025 | Jul | 01 | (Tue) | 04:45 | 05:37 | 66 | 12:10 | 84N | 18:42 | 294 | 19:34 |
| 2025 | Jul | 02 | (Wed) | 04:45 | 05:37 | 66 | 12:10 | 84N | 18:42 | 294 | 19:34 |
| 2025 | Jul | 03 | (Thu) | 04:46 | 05:38 | 66 | 12:10 | 84N | 18:42 | 294 | 19:34 |
| 2025 | Jul | 04 | (Fri) | 04:46 | 05:38 | 66 | 12:10 | 84N | 18:42 | 294 | 19:34 |
| 2025 | Jul | 05 | (Sat) | 04:47 | 05:38 | 66 | 12:10 | 84N | 18:42 | 294 | 19:34 |
| 2025 | Jul | 06 | (Sun) | 04:47 | 05:39 | 66 | 12:11 | 84N | 18:42 | 294 | 19:34 |
| 2025 | Jul | 07 | (Mon) | 04:47 | 05:39 | 66 | 12:11 | 84N | 18:42 | 294 | 19:34 |
| 2025 | Jul | 08 | (Tue) | 04:48 | 05:39 | 66 | 12:11 | 85N | 18:42 | 294 | 19:34 |
| 2025 | Jul | 09 | (Wed) | 04:48 | 05:40 | 66 | 12:11 | 85N | 18:42 | 294 | 19:34 |
| 2025 | Jul | 10 | (Thu) | 04:48 | 05:40 | 67 | 12:11 | 85N | 18:42 | 293 | 19:34 |
| 2025 | Jul | 11 | (Fri) | 04:49 | 05:40 | 67 | 12:11 | 85N | 18:42 | 293 | 19:34 |
| 2025 | Jul | 12 | (Sat) | 04:49 | 05:41 | 67 | 12:11 | 85N | 18:42 | 293 | 19:34 |
| 2025 | Jul | 13 | (Sun) | 04:49 | 05:41 | 67 | 12:12 | 85N | 18:42 | 293 | 19:34 |
| 2025 | Jul | 14 | (Mon) | 04:50 | 05:41 | 67 | 12:12 | 85N | 18:42 | 293 | 19:33 |
| 2025 | Jul | 15 | (Tue) | 04:50 | 05:42 | 67 | 12:12 | 86N | 18:42 | 293 | 19:33 |
| 2025 | Jul | 16 | (Wed) | 04:51 | 05:42 | 67 | 12:12 | 86N | 18:42 | 292 | 19:33 |
| 2025 | Jul | 17 | (Thu) | 04:51 | 05:42 | 68 | 12:12 | 86N | 18:42 | 292 | 19:33 |
| 2025 | Jul | 18 | (Fri) | 04:51 | 05:43 | 68 | 12:12 | 86N | 18:42 | 292 | 19:33 |
| 2025 | Jul | 19 | (Sat) | 04:52 | 05:43 | 68 | 12:12 | 86N | 18:41 | 292 | 19:32 |
| 2025 | Jul | 20 | (Sun) | 04:52 | 05:43 | 68 | 12:12 | 86N | 18:41 | 292 | 19:32 |
| 2025 | Jul | 21 | (Mon) | 04:53 | 05:43 | 68 | 12:12 | 87N | 18:41 | 292 | 19:32 |
| 2025 | Jul | 22 | (Tue) | 04:53 | 05:44 | 69 | 12:12 | 87N | 18:41 | 291 | 19:31 |
| 2025 | Jul | 23 | (Wed) | 04:53 | 05:44 | 69 | 12:12 | 87N | 18:40 | 291 | 19:31 |

|      |     |    |       |       |       |    |       |     |       |     |       |
|------|-----|----|-------|-------|-------|----|-------|-----|-------|-----|-------|
| 2025 | Jul | 24 | (Thu) | 04:54 | 05:44 | 69 | 12:12 | 87N | 18:40 | 291 | 19:31 |
| 2025 | Jul | 25 | (Fri) | 04:54 | 05:45 | 69 | 12:12 | 87N | 18:40 | 291 | 19:30 |
| 2025 | Jul | 26 | (Sat) | 04:55 | 05:45 | 69 | 12:12 | 88N | 18:40 | 290 | 19:30 |
| 2025 | Jul | 27 | (Sun) | 04:55 | 05:45 | 70 | 12:12 | 88N | 18:39 | 290 | 19:30 |
| 2025 | Jul | 28 | (Mon) | 04:55 | 05:46 | 70 | 12:12 | 88N | 18:39 | 290 | 19:29 |
| 2025 | Jul | 29 | (Tue) | 04:56 | 05:46 | 70 | 12:12 | 88N | 18:39 | 290 | 19:29 |
| 2025 | Jul | 30 | (Wed) | 04:56 | 05:46 | 70 | 12:12 | 89N | 18:38 | 289 | 19:28 |
| 2025 | Jul | 31 | (Thu) | 04:56 | 05:46 | 71 | 12:12 | 89N | 18:38 | 289 | 19:28 |
| 2025 | Aug | 01 | (Fri) | 04:57 | 05:47 | 71 | 12:12 | 89N | 18:37 | 289 | 19:27 |
| 2025 | Aug | 02 | (Sat) | 04:57 | 05:47 | 71 | 12:12 | 89N | 18:37 | 289 | 19:27 |
| 2025 | Aug | 03 | (Sun) | 04:58 | 05:47 | 71 | 12:12 | 90N | 18:37 | 288 | 19:26 |
| 2025 | Aug | 04 | (Mon) | 04:58 | 05:48 | 72 | 12:12 | 90N | 18:36 | 288 | 19:26 |
| 2025 | Aug | 05 | (Tue) | 04:58 | 05:48 | 72 | 12:12 | 90N | 18:36 | 288 | 19:25 |
| 2025 | Aug | 06 | (Wed) | 04:59 | 05:48 | 72 | 12:12 | 90N | 18:35 | 288 | 19:25 |
| 2025 | Aug | 07 | (Thu) | 04:59 | 05:48 | 73 | 12:12 | 91N | 18:35 | 287 | 19:24 |
| 2025 | Aug | 08 | (Fri) | 04:59 | 05:49 | 73 | 12:11 | 90S | 18:34 | 287 | 19:23 |
| 2025 | Aug | 09 | (Sat) | 05:00 | 05:49 | 73 | 12:11 | 90S | 18:34 | 287 | 19:23 |
| 2025 | Aug | 10 | (Sun) | 05:00 | 05:49 | 74 | 12:11 | 90S | 18:33 | 286 | 19:22 |
| 2025 | Aug | 11 | (Mon) | 05:00 | 05:49 | 74 | 12:11 | 90S | 18:33 | 286 | 19:22 |
| 2025 | Aug | 12 | (Tue) | 05:00 | 05:49 | 74 | 12:11 | 89S | 18:32 | 286 | 19:21 |
| 2025 | Aug | 13 | (Wed) | 05:01 | 05:50 | 74 | 12:11 | 89S | 18:32 | 285 | 19:20 |
| 2025 | Aug | 14 | (Thu) | 05:01 | 05:50 | 75 | 12:11 | 89S | 18:31 | 285 | 19:20 |
| 2025 | Aug | 15 | (Fri) | 05:01 | 05:50 | 75 | 12:10 | 88S | 18:30 | 285 | 19:19 |
| 2025 | Aug | 16 | (Sat) | 05:02 | 05:50 | 75 | 12:10 | 88S | 18:30 | 284 | 19:18 |
| 2025 | Aug | 17 | (Sun) | 05:02 | 05:50 | 76 | 12:10 | 88S | 18:29 | 284 | 19:18 |
| 2025 | Aug | 18 | (Mon) | 05:02 | 05:51 | 76 | 12:10 | 87S | 18:29 | 284 | 19:17 |
| 2025 | Aug | 19 | (Tue) | 05:02 | 05:51 | 76 | 12:09 | 87S | 18:28 | 283 | 19:16 |
| 2025 | Aug | 20 | (Wed) | 05:03 | 05:51 | 77 | 12:09 | 87S | 18:27 | 283 | 19:15 |
| 2025 | Aug | 21 | (Thu) | 05:03 | 05:51 | 77 | 12:09 | 86S | 18:27 | 283 | 19:15 |
| 2025 | Aug | 22 | (Fri) | 05:03 | 05:51 | 77 | 12:09 | 86S | 18:26 | 282 | 19:14 |
| 2025 | Aug | 23 | (Sat) | 05:03 | 05:51 | 78 | 12:08 | 86S | 18:25 | 282 | 19:13 |
| 2025 | Aug | 24 | (Sun) | 05:04 | 05:52 | 78 | 12:08 | 85S | 18:25 | 282 | 19:12 |
| 2025 | Aug | 25 | (Mon) | 05:04 | 05:52 | 79 | 12:08 | 85S | 18:24 | 281 | 19:12 |
| 2025 | Aug | 26 | (Tue) | 05:04 | 05:52 | 79 | 12:08 | 85S | 18:23 | 281 | 19:11 |
| 2025 | Aug | 27 | (Wed) | 05:04 | 05:52 | 79 | 12:07 | 84S | 18:22 | 281 | 19:10 |
| 2025 | Aug | 28 | (Thu) | 05:05 | 05:52 | 80 | 12:07 | 84S | 18:22 | 280 | 19:09 |
| 2025 | Aug | 29 | (Fri) | 05:05 | 05:52 | 80 | 12:07 | 84S | 18:21 | 280 | 19:09 |
| 2025 | Aug | 30 | (Sat) | 05:05 | 05:52 | 80 | 12:06 | 83S | 18:20 | 279 | 19:08 |
| 2025 | Aug | 31 | (Sun) | 05:05 | 05:53 | 81 | 12:06 | 83S | 18:20 | 279 | 19:07 |
| 2025 | Sep | 01 | (Mon) | 05:05 | 05:53 | 81 | 12:06 | 83S | 18:19 | 279 | 19:06 |
| 2025 | Sep | 02 | (Tue) | 05:05 | 05:53 | 82 | 12:06 | 82S | 18:18 | 278 | 19:05 |
| 2025 | Sep | 03 | (Wed) | 05:06 | 05:53 | 82 | 12:05 | 82S | 18:17 | 278 | 19:04 |
| 2025 | Sep | 04 | (Thu) | 05:06 | 05:53 | 82 | 12:05 | 81S | 18:16 | 278 | 19:04 |
| 2025 | Sep | 05 | (Fri) | 05:06 | 05:53 | 83 | 12:05 | 81S | 18:16 | 277 | 19:03 |
| 2025 | Sep | 06 | (Sat) | 05:06 | 05:53 | 83 | 12:04 | 81S | 18:15 | 277 | 19:02 |
| 2025 | Sep | 07 | (Sun) | 05:06 | 05:53 | 83 | 12:04 | 80S | 18:14 | 276 | 19:01 |
| 2025 | Sep | 08 | (Mon) | 05:06 | 05:53 | 84 | 12:04 | 80S | 18:13 | 276 | 19:00 |
| 2025 | Sep | 09 | (Tue) | 05:07 | 05:54 | 84 | 12:03 | 80S | 18:13 | 276 | 18:59 |
| 2025 | Sep | 10 | (Wed) | 05:07 | 05:54 | 85 | 12:03 | 79S | 18:12 | 275 | 18:59 |
| 2025 | Sep | 11 | (Thu) | 05:07 | 05:54 | 85 | 12:02 | 79S | 18:11 | 275 | 18:58 |
| 2025 | Sep | 12 | (Fri) | 05:07 | 05:54 | 85 | 12:02 | 78S | 18:10 | 274 | 18:57 |
| 2025 | Sep | 13 | (Sat) | 05:07 | 05:54 | 86 | 12:02 | 78S | 18:09 | 274 | 18:56 |
| 2025 | Sep | 14 | (Sun) | 05:07 | 05:54 | 86 | 12:01 | 78S | 18:09 | 274 | 18:55 |
| 2025 | Sep | 15 | (Mon) | 05:07 | 05:54 | 87 | 12:01 | 77S | 18:08 | 273 | 18:54 |
| 2025 | Sep | 16 | (Tue) | 05:07 | 05:54 | 87 | 12:01 | 77S | 18:07 | 273 | 18:54 |
| 2025 | Sep | 17 | (Wed) | 05:08 | 05:54 | 87 | 12:00 | 77S | 18:06 | 272 | 18:53 |
| 2025 | Sep | 18 | (Thu) | 05:08 | 05:54 | 88 | 12:00 | 76S | 18:05 | 272 | 18:52 |
| 2025 | Sep | 19 | (Fri) | 05:08 | 05:55 | 88 | 12:00 | 76S | 18:04 | 272 | 18:51 |
| 2025 | Sep | 20 | (Sat) | 05:08 | 05:55 | 89 | 11:59 | 75S | 18:04 | 271 | 18:50 |
| 2025 | Sep | 21 | (Sun) | 05:08 | 05:55 | 89 | 11:59 | 75S | 18:03 | 271 | 18:49 |
| 2025 | Sep | 22 | (Mon) | 05:08 | 05:55 | 89 | 11:59 | 75S | 18:02 | 270 | 18:49 |
| 2025 | Sep | 23 | (Tue) | 05:08 | 05:55 | 90 | 11:58 | 74S | 18:01 | 270 | 18:48 |
| 2025 | Sep | 24 | (Wed) | 05:08 | 05:55 | 90 | 11:58 | 74S | 18:00 | 270 | 18:47 |
| 2025 | Sep | 25 | (Thu) | 05:09 | 05:55 | 91 | 11:57 | 73S | 18:00 | 269 | 18:46 |
| 2025 | Sep | 26 | (Fri) | 05:09 | 05:55 | 91 | 11:57 | 73S | 17:59 | 269 | 18:45 |
| 2025 | Sep | 27 | (Sat) | 05:09 | 05:55 | 91 | 11:57 | 73S | 17:58 | 268 | 18:45 |
| 2025 | Sep | 28 | (Sun) | 05:09 | 05:55 | 92 | 11:56 | 72S | 17:57 | 268 | 18:44 |
| 2025 | Sep | 29 | (Mon) | 05:09 | 05:56 | 92 | 11:56 | 72S | 17:56 | 268 | 18:43 |
| 2025 | Sep | 30 | (Tue) | 05:09 | 05:56 | 93 | 11:56 | 72S | 17:56 | 267 | 18:42 |
| 2025 | Oct | 01 | (Wed) | 05:09 | 05:56 | 93 | 11:55 | 71S | 17:55 | 267 | 18:41 |
| 2025 | Oct | 02 | (Thu) | 05:09 | 05:56 | 93 | 11:55 | 71S | 17:54 | 266 | 18:41 |
| 2025 | Oct | 03 | (Fri) | 05:10 | 05:56 | 94 | 11:55 | 70S | 17:53 | 266 | 18:40 |

|      |     |    |       |       |       |     |       |     |       |     |       |
|------|-----|----|-------|-------|-------|-----|-------|-----|-------|-----|-------|
| 2025 | Oct | 04 | (Sat) | 05:10 | 05:56 | 94  | 11:55 | 70S | 17:53 | 266 | 18:39 |
| 2025 | Oct | 05 | (Sun) | 05:10 | 05:56 | 95  | 11:54 | 70S | 17:52 | 265 | 18:38 |
| 2025 | Oct | 06 | (Mon) | 05:10 | 05:57 | 95  | 11:54 | 69S | 17:51 | 265 | 18:38 |
| 2025 | Oct | 07 | (Tue) | 05:10 | 05:57 | 95  | 11:54 | 69S | 17:50 | 264 | 18:37 |
| 2025 | Oct | 08 | (Wed) | 05:10 | 05:57 | 96  | 11:53 | 68S | 17:50 | 264 | 18:36 |
| 2025 | Oct | 09 | (Thu) | 05:10 | 05:57 | 96  | 11:53 | 68S | 17:49 | 264 | 18:36 |
| 2025 | Oct | 10 | (Fri) | 05:10 | 05:57 | 97  | 11:53 | 68S | 17:48 | 263 | 18:35 |
| 2025 | Oct | 11 | (Sat) | 05:11 | 05:57 | 97  | 11:53 | 67S | 17:48 | 263 | 18:34 |
| 2025 | Oct | 12 | (Sun) | 05:11 | 05:58 | 97  | 11:52 | 67S | 17:47 | 262 | 18:34 |
| 2025 | Oct | 13 | (Mon) | 05:11 | 05:58 | 98  | 11:52 | 67S | 17:46 | 262 | 18:33 |
| 2025 | Oct | 14 | (Tue) | 05:11 | 05:58 | 98  | 11:52 | 66S | 17:45 | 262 | 18:32 |
| 2025 | Oct | 15 | (Wed) | 05:11 | 05:58 | 99  | 11:52 | 66S | 17:45 | 261 | 18:32 |
| 2025 | Oct | 16 | (Thu) | 05:11 | 05:58 | 99  | 11:51 | 65S | 17:44 | 261 | 18:31 |
| 2025 | Oct | 17 | (Fri) | 05:12 | 05:59 | 99  | 11:51 | 65S | 17:43 | 260 | 18:30 |
| 2025 | Oct | 18 | (Sat) | 05:12 | 05:59 | 100 | 11:51 | 65S | 17:43 | 260 | 18:30 |
| 2025 | Oct | 19 | (Sun) | 05:12 | 05:59 | 100 | 11:51 | 64S | 17:42 | 260 | 18:29 |
| 2025 | Oct | 20 | (Mon) | 05:12 | 05:59 | 101 | 11:51 | 64S | 17:42 | 259 | 18:29 |
| 2025 | Oct | 21 | (Tue) | 05:12 | 06:00 | 101 | 11:50 | 64S | 17:41 | 259 | 18:28 |
| 2025 | Oct | 22 | (Wed) | 05:13 | 06:00 | 101 | 11:50 | 63S | 17:40 | 259 | 18:28 |
| 2025 | Oct | 23 | (Thu) | 05:13 | 06:00 | 102 | 11:50 | 63S | 17:40 | 258 | 18:27 |
| 2025 | Oct | 24 | (Fri) | 05:13 | 06:00 | 102 | 11:50 | 63S | 17:39 | 258 | 18:27 |
| 2025 | Oct | 25 | (Sat) | 05:13 | 06:01 | 102 | 11:50 | 62S | 17:39 | 257 | 18:26 |
| 2025 | Oct | 26 | (Sun) | 05:14 | 06:01 | 103 | 11:50 | 62S | 17:38 | 257 | 18:26 |
| 2025 | Oct | 27 | (Mon) | 05:14 | 06:01 | 103 | 11:50 | 62S | 17:38 | 257 | 18:25 |
| 2025 | Oct | 28 | (Tue) | 05:14 | 06:02 | 103 | 11:50 | 61S | 17:37 | 256 | 18:25 |
| 2025 | Oct | 29 | (Wed) | 05:14 | 06:02 | 104 | 11:50 | 61S | 17:37 | 256 | 18:24 |
| 2025 | Oct | 30 | (Thu) | 05:15 | 06:02 | 104 | 11:49 | 61S | 17:36 | 256 | 18:24 |
| 2025 | Oct | 31 | (Fri) | 05:15 | 06:03 | 104 | 11:49 | 60S | 17:36 | 255 | 18:24 |
| 2025 | Nov | 01 | (Sat) | 05:15 | 06:03 | 105 | 11:49 | 60S | 17:36 | 255 | 18:23 |
| 2025 | Nov | 02 | (Sun) | 05:16 | 06:03 | 105 | 11:49 | 60S | 17:35 | 255 | 18:23 |
| 2025 | Nov | 03 | (Mon) | 05:16 | 06:04 | 105 | 11:49 | 59S | 17:35 | 254 | 18:23 |
| 2025 | Nov | 04 | (Tue) | 05:16 | 06:04 | 106 | 11:49 | 59S | 17:34 | 254 | 18:22 |
| 2025 | Nov | 05 | (Wed) | 05:17 | 06:05 | 106 | 11:49 | 59S | 17:34 | 254 | 18:22 |
| 2025 | Nov | 06 | (Thu) | 05:17 | 06:05 | 106 | 11:49 | 58S | 17:34 | 253 | 18:22 |
| 2025 | Nov | 07 | (Fri) | 05:17 | 06:05 | 107 | 11:49 | 58S | 17:33 | 253 | 18:22 |
| 2025 | Nov | 08 | (Sat) | 05:18 | 06:06 | 107 | 11:50 | 58S | 17:33 | 253 | 18:21 |
| 2025 | Nov | 09 | (Sun) | 05:18 | 06:06 | 107 | 11:50 | 57S | 17:33 | 253 | 18:21 |
| 2025 | Nov | 10 | (Mon) | 05:18 | 06:07 | 108 | 11:50 | 57S | 17:32 | 252 | 18:21 |
| 2025 | Nov | 11 | (Tue) | 05:19 | 06:07 | 108 | 11:50 | 57S | 17:32 | 252 | 18:21 |
| 2025 | Nov | 12 | (Wed) | 05:19 | 06:08 | 108 | 11:50 | 57S | 17:32 | 252 | 18:21 |
| 2025 | Nov | 13 | (Thu) | 05:19 | 06:08 | 108 | 11:50 | 56S | 17:32 | 251 | 18:21 |
| 2025 | Nov | 14 | (Fri) | 05:20 | 06:09 | 109 | 11:50 | 56S | 17:32 | 251 | 18:20 |
| 2025 | Nov | 15 | (Sat) | 05:20 | 06:09 | 109 | 11:50 | 56S | 17:31 | 251 | 18:20 |
| 2025 | Nov | 16 | (Sun) | 05:21 | 06:10 | 109 | 11:51 | 56S | 17:31 | 251 | 18:20 |
| 2025 | Nov | 17 | (Mon) | 05:21 | 06:10 | 110 | 11:51 | 55S | 17:31 | 250 | 18:20 |
| 2025 | Nov | 18 | (Tue) | 05:22 | 06:11 | 110 | 11:51 | 55S | 17:31 | 250 | 18:20 |
| 2025 | Nov | 19 | (Wed) | 05:22 | 06:11 | 110 | 11:51 | 55S | 17:31 | 250 | 18:20 |
| 2025 | Nov | 20 | (Thu) | 05:23 | 06:12 | 110 | 11:51 | 55S | 17:31 | 250 | 18:20 |
| 2025 | Nov | 21 | (Fri) | 05:23 | 06:12 | 111 | 11:52 | 54S | 17:31 | 249 | 18:20 |
| 2025 | Nov | 22 | (Sat) | 05:23 | 06:13 | 111 | 11:52 | 54S | 17:31 | 249 | 18:20 |
| 2025 | Nov | 23 | (Sun) | 05:24 | 06:13 | 111 | 11:52 | 54S | 17:31 | 249 | 18:20 |
| 2025 | Nov | 24 | (Mon) | 05:24 | 06:14 | 111 | 11:52 | 54S | 17:31 | 249 | 18:20 |
| 2025 | Nov | 25 | (Tue) | 05:25 | 06:14 | 111 | 11:53 | 54S | 17:31 | 249 | 18:20 |
| 2025 | Nov | 26 | (Wed) | 05:25 | 06:15 | 112 | 11:53 | 53S | 17:31 | 248 | 18:21 |
| 2025 | Nov | 27 | (Thu) | 05:26 | 06:16 | 112 | 11:53 | 53S | 17:31 | 248 | 18:21 |
| 2025 | Nov | 28 | (Fri) | 05:26 | 06:16 | 112 | 11:54 | 53S | 17:31 | 248 | 18:21 |
| 2025 | Nov | 29 | (Sat) | 05:27 | 06:17 | 112 | 11:54 | 53S | 17:31 | 248 | 18:21 |
| 2025 | Nov | 30 | (Sun) | 05:27 | 06:17 | 112 | 11:54 | 53S | 17:32 | 248 | 18:21 |
| 2025 | Dec | 01 | (Mon) | 05:28 | 06:18 | 113 | 11:55 | 53S | 17:32 | 247 | 18:22 |
| 2025 | Dec | 02 | (Tue) | 05:29 | 06:18 | 113 | 11:55 | 52S | 17:32 | 247 | 18:22 |
| 2025 | Dec | 03 | (Wed) | 05:29 | 06:19 | 113 | 11:56 | 52S | 17:32 | 247 | 18:22 |
| 2025 | Dec | 04 | (Thu) | 05:30 | 06:20 | 113 | 11:56 | 52S | 17:32 | 247 | 18:22 |
| 2025 | Dec | 05 | (Fri) | 05:30 | 06:20 | 113 | 11:56 | 52S | 17:33 | 247 | 18:23 |
| 2025 | Dec | 06 | (Sat) | 05:31 | 06:21 | 113 | 11:57 | 52S | 17:33 | 247 | 18:23 |
| 2025 | Dec | 07 | (Sun) | 05:31 | 06:21 | 113 | 11:57 | 52S | 17:33 | 247 | 18:23 |
| 2025 | Dec | 08 | (Mon) | 05:32 | 06:22 | 113 | 11:58 | 52S | 17:33 | 246 | 18:24 |
| 2025 | Dec | 09 | (Tue) | 05:32 | 06:22 | 114 | 11:58 | 52S | 17:34 | 246 | 18:24 |
| 2025 | Dec | 10 | (Wed) | 05:33 | 06:23 | 114 | 11:59 | 51S | 17:34 | 246 | 18:24 |
| 2025 | Dec | 11 | (Thu) | 05:33 | 06:24 | 114 | 11:59 | 51S | 17:34 | 246 | 18:25 |
| 2025 | Dec | 12 | (Fri) | 05:34 | 06:24 | 114 | 11:59 | 51S | 17:35 | 246 | 18:25 |
| 2025 | Dec | 13 | (Sat) | 05:34 | 06:25 | 114 | 12:00 | 51S | 17:35 | 246 | 18:25 |
| 2025 | Dec | 14 | (Sun) | 05:35 | 06:25 | 114 | 12:00 | 51S | 17:35 | 246 | 18:26 |

|      |        |       |       |       |     |       |     |       |     |       |
|------|--------|-------|-------|-------|-----|-------|-----|-------|-----|-------|
| 2025 | Dec 15 | (Mon) | 05:36 | 06:26 | 114 | 12:01 | 51S | 17:36 | 246 | 18:26 |
| 2025 | Dec 16 | (Tue) | 05:36 | 06:26 | 114 | 12:01 | 51S | 17:36 | 246 | 18:27 |
| 2025 | Dec 17 | (Wed) | 05:37 | 06:27 | 114 | 12:02 | 51S | 17:37 | 246 | 18:27 |
| 2025 | Dec 18 | (Thu) | 05:37 | 06:28 | 114 | 12:02 | 51S | 17:37 | 246 | 18:28 |
| 2025 | Dec 19 | (Fri) | 05:38 | 06:28 | 114 | 12:03 | 51S | 17:38 | 246 | 18:28 |
| 2025 | Dec 20 | (Sat) | 05:38 | 06:29 | 114 | 12:03 | 51S | 17:38 | 246 | 18:29 |
| 2025 | Dec 21 | (Sun) | 05:39 | 06:29 | 114 | 12:04 | 51S | 17:39 | 246 | 18:29 |
| 2025 | Dec 22 | (Mon) | 05:39 | 06:30 | 114 | 12:04 | 51S | 17:39 | 246 | 18:30 |
| 2025 | Dec 23 | (Tue) | 05:40 | 06:30 | 114 | 12:05 | 51S | 17:40 | 246 | 18:30 |
| 2025 | Dec 24 | (Wed) | 05:40 | 06:31 | 114 | 12:05 | 51S | 17:40 | 246 | 18:31 |
| 2025 | Dec 25 | (Thu) | 05:41 | 06:31 | 114 | 12:06 | 51S | 17:41 | 246 | 18:31 |
| 2025 | Dec 26 | (Fri) | 05:41 | 06:31 | 114 | 12:06 | 51S | 17:41 | 246 | 18:32 |
| 2025 | Dec 27 | (Sat) | 05:42 | 06:32 | 114 | 12:07 | 51S | 17:42 | 246 | 18:32 |
| 2025 | Dec 28 | (Sun) | 05:42 | 06:32 | 114 | 12:07 | 51S | 17:42 | 246 | 18:33 |
| 2025 | Dec 29 | (Mon) | 05:42 | 06:33 | 114 | 12:08 | 51S | 17:43 | 246 | 18:33 |
| 2025 | Dec 30 | (Tue) | 05:43 | 06:33 | 114 | 12:08 | 51S | 17:43 | 246 | 18:34 |
| 2025 | Dec 31 | (Wed) | 05:43 | 06:34 | 114 | 12:09 | 51S | 17:44 | 246 | 18:34 |

Sun

Kalasin

Location: E103°33'03.6", N16°18'35.9", 0m  
(Longitude referred to Greenwich meridian)

Time Zone: 7h 00m east of Greenwich

| Date<br>(Zone)    | Begin<br>Civil<br>Twilight | Rise      | Az. | Transit Alt. | Set       | Az. | End<br>Civil<br>Twilight |
|-------------------|----------------------------|-----------|-----|--------------|-----------|-----|--------------------------|
|                   | h m                        | h m °     |     | h m °        | h m °     |     | h m                      |
| 2025 Jan 01 (Wed) | 06:11                      | 06:34 114 |     | 12:09 51S    | 17:45 246 |     | 18:08                    |
| 2025 Jan 02 (Thu) | 06:11                      | 06:34 114 |     | 12:10 52S    | 17:45 246 |     | 18:09                    |
| 2025 Jan 03 (Fri) | 06:11                      | 06:35 114 |     | 12:10 52S    | 17:46 246 |     | 18:09                    |
| 2025 Jan 04 (Sat) | 06:12                      | 06:35 113 |     | 12:11 52S    | 17:47 247 |     | 18:10                    |
| 2025 Jan 05 (Sun) | 06:12                      | 06:35 113 |     | 12:11 52S    | 17:47 247 |     | 18:10                    |
| 2025 Jan 06 (Mon) | 06:12                      | 06:36 113 |     | 12:12 52S    | 17:48 247 |     | 18:11                    |
| 2025 Jan 07 (Tue) | 06:13                      | 06:36 113 |     | 12:12 52S    | 17:48 247 |     | 18:12                    |
| 2025 Jan 08 (Wed) | 06:13                      | 06:36 113 |     | 12:12 52S    | 17:49 247 |     | 18:12                    |
| 2025 Jan 09 (Thu) | 06:13                      | 06:36 113 |     | 12:13 52S    | 17:50 247 |     | 18:13                    |
| 2025 Jan 10 (Fri) | 06:13                      | 06:37 113 |     | 12:13 52S    | 17:50 247 |     | 18:13                    |
| 2025 Jan 11 (Sat) | 06:14                      | 06:37 113 |     | 12:14 53S    | 17:51 248 |     | 18:14                    |
| 2025 Jan 12 (Sun) | 06:14                      | 06:37 112 |     | 12:14 53S    | 17:51 248 |     | 18:15                    |
| 2025 Jan 13 (Mon) | 06:14                      | 06:37 112 |     | 12:14 53S    | 17:52 248 |     | 18:15                    |
| 2025 Jan 14 (Tue) | 06:14                      | 06:37 112 |     | 12:15 53S    | 17:53 248 |     | 18:16                    |
| 2025 Jan 15 (Wed) | 06:14                      | 06:37 112 |     | 12:15 53S    | 17:53 248 |     | 18:16                    |
| 2025 Jan 16 (Thu) | 06:14                      | 06:37 112 |     | 12:16 54S    | 17:54 249 |     | 18:17                    |
| 2025 Jan 17 (Fri) | 06:14                      | 06:37 111 |     | 12:16 54S    | 17:54 249 |     | 18:17                    |
| 2025 Jan 18 (Sat) | 06:15                      | 06:38 111 |     | 12:16 54S    | 17:55 249 |     | 18:18                    |
| 2025 Jan 19 (Sun) | 06:15                      | 06:38 111 |     | 12:16 54S    | 17:56 249 |     | 18:18                    |
| 2025 Jan 20 (Mon) | 06:15                      | 06:38 111 |     | 12:17 54S    | 17:56 249 |     | 18:19                    |
| 2025 Jan 21 (Tue) | 06:15                      | 06:38 111 |     | 12:17 55S    | 17:57 250 |     | 18:20                    |
| 2025 Jan 22 (Wed) | 06:15                      | 06:38 110 |     | 12:17 55S    | 17:57 250 |     | 18:20                    |
| 2025 Jan 23 (Thu) | 06:15                      | 06:38 110 |     | 12:18 55S    | 17:58 250 |     | 18:21                    |
| 2025 Jan 24 (Fri) | 06:15                      | 06:37 110 |     | 12:18 55S    | 17:58 250 |     | 18:21                    |
| 2025 Jan 25 (Sat) | 06:15                      | 06:37 110 |     | 12:18 55S    | 17:59 251 |     | 18:22                    |
| 2025 Jan 26 (Sun) | 06:15                      | 06:37 109 |     | 12:18 56S    | 17:59 251 |     | 18:22                    |
| 2025 Jan 27 (Mon) | 06:15                      | 06:37 109 |     | 12:19 56S    | 18:00 251 |     | 18:23                    |
| 2025 Jan 28 (Tue) | 06:14                      | 06:37 109 |     | 12:19 56S    | 18:01 251 |     | 18:23                    |
| 2025 Jan 29 (Wed) | 06:14                      | 06:37 108 |     | 12:19 57S    | 18:01 252 |     | 18:24                    |
| 2025 Jan 30 (Thu) | 06:14                      | 06:37 108 |     | 12:19 57S    | 18:02 252 |     | 18:24                    |
| 2025 Jan 31 (Fri) | 06:14                      | 06:37 108 |     | 12:19 57S    | 18:02 252 |     | 18:25                    |
| 2025 Feb 01 (Sat) | 06:14                      | 06:36 108 |     | 12:19 57S    | 18:03 253 |     | 18:25                    |
| 2025 Feb 02 (Sun) | 06:14                      | 06:36 107 |     | 12:19 58S    | 18:03 253 |     | 18:25                    |
| 2025 Feb 03 (Mon) | 06:13                      | 06:36 107 |     | 12:20 58S    | 18:04 253 |     | 18:26                    |
| 2025 Feb 04 (Tue) | 06:13                      | 06:36 107 |     | 12:20 58S    | 18:04 253 |     | 18:26                    |
| 2025 Feb 05 (Wed) | 06:13                      | 06:35 106 |     | 12:20 59S    | 18:04 254 |     | 18:27                    |
| 2025 Feb 06 (Thu) | 06:13                      | 06:35 106 |     | 12:20 59S    | 18:05 254 |     | 18:27                    |
| 2025 Feb 07 (Fri) | 06:12                      | 06:35 106 |     | 12:20 59S    | 18:05 254 |     | 18:28                    |
| 2025 Feb 08 (Sat) | 06:12                      | 06:34 105 |     | 12:20 59S    | 18:06 255 |     | 18:28                    |
| 2025 Feb 09 (Sun) | 06:12                      | 06:34 105 |     | 12:20 60S    | 18:06 255 |     | 18:28                    |
| 2025 Feb 10 (Mon) | 06:11                      | 06:34 105 |     | 12:20 60S    | 18:07 255 |     | 18:29                    |
| 2025 Feb 11 (Tue) | 06:11                      | 06:33 104 |     | 12:20 60S    | 18:07 256 |     | 18:29                    |

|      |     |    |       |       |       |     |       |     |       |     |       |
|------|-----|----|-------|-------|-------|-----|-------|-----|-------|-----|-------|
| 2025 | Feb | 12 | (Wed) | 06:11 | 06:33 | 104 | 12:20 | 61S | 18:07 | 256 | 18:30 |
| 2025 | Feb | 13 | (Thu) | 06:10 | 06:32 | 104 | 12:20 | 61S | 18:08 | 256 | 18:30 |
| 2025 | Feb | 14 | (Fri) | 06:10 | 06:32 | 103 | 12:20 | 61S | 18:08 | 257 | 18:30 |
| 2025 | Feb | 15 | (Sat) | 06:09 | 06:31 | 103 | 12:20 | 62S | 18:09 | 257 | 18:31 |
| 2025 | Feb | 16 | (Sun) | 06:09 | 06:31 | 103 | 12:20 | 62S | 18:09 | 258 | 18:31 |
| 2025 | Feb | 17 | (Mon) | 06:08 | 06:30 | 102 | 12:20 | 63S | 18:09 | 258 | 18:31 |
| 2025 | Feb | 18 | (Tue) | 06:08 | 06:30 | 102 | 12:20 | 63S | 18:10 | 258 | 18:32 |
| 2025 | Feb | 19 | (Wed) | 06:08 | 06:29 | 102 | 12:20 | 63S | 18:10 | 259 | 18:32 |
| 2025 | Feb | 20 | (Thu) | 06:07 | 06:29 | 101 | 12:19 | 64S | 18:10 | 259 | 18:32 |
| 2025 | Feb | 21 | (Fri) | 06:07 | 06:28 | 101 | 12:19 | 64S | 18:11 | 259 | 18:32 |
| 2025 | Feb | 22 | (Sat) | 06:06 | 06:28 | 100 | 12:19 | 64S | 18:11 | 260 | 18:33 |
| 2025 | Feb | 23 | (Sun) | 06:05 | 06:27 | 100 | 12:19 | 65S | 18:11 | 260 | 18:33 |
| 2025 | Feb | 24 | (Mon) | 06:05 | 06:27 | 100 | 12:19 | 65S | 18:11 | 261 | 18:33 |
| 2025 | Feb | 25 | (Tue) | 06:04 | 06:26 | 99  | 12:19 | 65S | 18:12 | 261 | 18:34 |
| 2025 | Feb | 26 | (Wed) | 06:04 | 06:25 | 99  | 12:19 | 66S | 18:12 | 261 | 18:34 |
| 2025 | Feb | 27 | (Thu) | 06:03 | 06:25 | 98  | 12:18 | 66S | 18:12 | 262 | 18:34 |
| 2025 | Feb | 28 | (Fri) | 06:03 | 06:24 | 98  | 12:18 | 67S | 18:13 | 262 | 18:34 |
| 2025 | Mar | 01 | (Sat) | 06:02 | 06:24 | 98  | 12:18 | 67S | 18:13 | 263 | 18:35 |
| 2025 | Mar | 02 | (Sun) | 06:01 | 06:23 | 97  | 12:18 | 67S | 18:13 | 263 | 18:35 |
| 2025 | Mar | 03 | (Mon) | 06:01 | 06:22 | 97  | 12:18 | 68S | 18:13 | 263 | 18:35 |
| 2025 | Mar | 04 | (Tue) | 06:00 | 06:22 | 96  | 12:17 | 68S | 18:14 | 264 | 18:35 |
| 2025 | Mar | 05 | (Wed) | 05:59 | 06:21 | 96  | 12:17 | 68S | 18:14 | 264 | 18:35 |
| 2025 | Mar | 06 | (Thu) | 05:59 | 06:20 | 96  | 12:17 | 69S | 18:14 | 265 | 18:36 |
| 2025 | Mar | 07 | (Fri) | 05:58 | 06:20 | 95  | 12:17 | 69S | 18:14 | 265 | 18:36 |
| 2025 | Mar | 08 | (Sat) | 05:57 | 06:19 | 95  | 12:17 | 70S | 18:14 | 265 | 18:36 |
| 2025 | Mar | 09 | (Sun) | 05:57 | 06:18 | 94  | 12:16 | 70S | 18:15 | 266 | 18:36 |
| 2025 | Mar | 10 | (Mon) | 05:56 | 06:17 | 94  | 12:16 | 70S | 18:15 | 266 | 18:36 |
| 2025 | Mar | 11 | (Tue) | 05:55 | 06:17 | 94  | 12:16 | 71S | 18:15 | 267 | 18:37 |
| 2025 | Mar | 12 | (Wed) | 05:54 | 06:16 | 93  | 12:16 | 71S | 18:15 | 267 | 18:37 |
| 2025 | Mar | 13 | (Thu) | 05:54 | 06:15 | 93  | 12:15 | 72S | 18:15 | 267 | 18:37 |
| 2025 | Mar | 14 | (Fri) | 05:53 | 06:15 | 92  | 12:15 | 72S | 18:16 | 268 | 18:37 |
| 2025 | Mar | 15 | (Sat) | 05:52 | 06:14 | 92  | 12:15 | 72S | 18:16 | 268 | 18:37 |
| 2025 | Mar | 16 | (Sun) | 05:52 | 06:13 | 92  | 12:14 | 73S | 18:16 | 269 | 18:38 |
| 2025 | Mar | 17 | (Mon) | 05:51 | 06:12 | 91  | 12:14 | 73S | 18:16 | 269 | 18:38 |
| 2025 | Mar | 18 | (Tue) | 05:50 | 06:12 | 91  | 12:14 | 74S | 18:16 | 269 | 18:38 |
| 2025 | Mar | 19 | (Wed) | 05:49 | 06:11 | 90  | 12:14 | 74S | 18:17 | 270 | 18:38 |
| 2025 | Mar | 20 | (Thu) | 05:49 | 06:10 | 90  | 12:13 | 74S | 18:17 | 270 | 18:38 |
| 2025 | Mar | 21 | (Fri) | 05:48 | 06:09 | 90  | 12:13 | 75S | 18:17 | 271 | 18:38 |
| 2025 | Mar | 22 | (Sat) | 05:47 | 06:09 | 89  | 12:13 | 75S | 18:17 | 271 | 18:39 |
| 2025 | Mar | 23 | (Sun) | 05:46 | 06:08 | 89  | 12:12 | 76S | 18:17 | 272 | 18:39 |
| 2025 | Mar | 24 | (Mon) | 05:45 | 06:07 | 88  | 12:12 | 76S | 18:17 | 272 | 18:39 |
| 2025 | Mar | 25 | (Tue) | 05:45 | 06:06 | 88  | 12:12 | 76S | 18:17 | 272 | 18:39 |
| 2025 | Mar | 26 | (Wed) | 05:44 | 06:05 | 87  | 12:11 | 77S | 18:18 | 273 | 18:39 |
| 2025 | Mar | 27 | (Thu) | 05:43 | 06:05 | 87  | 12:11 | 77S | 18:18 | 273 | 18:39 |
| 2025 | Mar | 28 | (Fri) | 05:42 | 06:04 | 87  | 12:11 | 77S | 18:18 | 274 | 18:40 |
| 2025 | Mar | 29 | (Sat) | 05:42 | 06:03 | 86  | 12:11 | 78S | 18:18 | 274 | 18:40 |
| 2025 | Mar | 30 | (Sun) | 05:41 | 06:02 | 86  | 12:10 | 78S | 18:18 | 274 | 18:40 |
| 2025 | Mar | 31 | (Mon) | 05:40 | 06:02 | 85  | 12:10 | 79S | 18:18 | 275 | 18:40 |
| 2025 | Apr | 01 | (Tue) | 05:39 | 06:01 | 85  | 12:10 | 79S | 18:19 | 275 | 18:40 |
| 2025 | Apr | 02 | (Wed) | 05:39 | 06:00 | 85  | 12:09 | 79S | 18:19 | 276 | 18:40 |
| 2025 | Apr | 03 | (Thu) | 05:38 | 05:59 | 84  | 12:09 | 80S | 18:19 | 276 | 18:41 |
| 2025 | Apr | 04 | (Fri) | 05:37 | 05:59 | 84  | 12:09 | 80S | 18:19 | 276 | 18:41 |
| 2025 | Apr | 05 | (Sat) | 05:36 | 05:58 | 83  | 12:08 | 81S | 18:19 | 277 | 18:41 |
| 2025 | Apr | 06 | (Sun) | 05:35 | 05:57 | 83  | 12:08 | 81S | 18:19 | 277 | 18:41 |
| 2025 | Apr | 07 | (Mon) | 05:35 | 05:56 | 83  | 12:08 | 81S | 18:20 | 278 | 18:41 |
| 2025 | Apr | 08 | (Tue) | 05:34 | 05:56 | 82  | 12:08 | 82S | 18:20 | 278 | 18:42 |
| 2025 | Apr | 09 | (Wed) | 05:33 | 05:55 | 82  | 12:07 | 82S | 18:20 | 278 | 18:42 |
| 2025 | Apr | 10 | (Thu) | 05:33 | 05:54 | 81  | 12:07 | 82S | 18:20 | 279 | 18:42 |
| 2025 | Apr | 11 | (Fri) | 05:32 | 05:54 | 81  | 12:07 | 83S | 18:20 | 279 | 18:42 |
| 2025 | Apr | 12 | (Sat) | 05:31 | 05:53 | 81  | 12:07 | 83S | 18:20 | 279 | 18:42 |
| 2025 | Apr | 13 | (Sun) | 05:30 | 05:52 | 80  | 12:06 | 84S | 18:21 | 280 | 18:43 |
| 2025 | Apr | 14 | (Mon) | 05:30 | 05:52 | 80  | 12:06 | 84S | 18:21 | 280 | 18:43 |
| 2025 | Apr | 15 | (Tue) | 05:29 | 05:51 | 80  | 12:06 | 84S | 18:21 | 281 | 18:43 |
| 2025 | Apr | 16 | (Wed) | 05:28 | 05:50 | 79  | 12:06 | 85S | 18:21 | 281 | 18:43 |
| 2025 | Apr | 17 | (Thu) | 05:27 | 05:49 | 79  | 12:05 | 85S | 18:21 | 281 | 18:43 |
| 2025 | Apr | 18 | (Fri) | 05:27 | 05:49 | 78  | 12:05 | 85S | 18:22 | 282 | 18:44 |
| 2025 | Apr | 19 | (Sat) | 05:26 | 05:48 | 78  | 12:05 | 86S | 18:22 | 282 | 18:44 |
| 2025 | Apr | 20 | (Sun) | 05:25 | 05:48 | 78  | 12:05 | 86S | 18:22 | 282 | 18:44 |
| 2025 | Apr | 21 | (Mon) | 05:25 | 05:47 | 77  | 12:04 | 86S | 18:22 | 283 | 18:44 |
| 2025 | Apr | 22 | (Tue) | 05:24 | 05:46 | 77  | 12:04 | 87S | 18:23 | 283 | 18:45 |
| 2025 | Apr | 23 | (Wed) | 05:23 | 05:46 | 77  | 12:04 | 87S | 18:23 | 283 | 18:45 |
| 2025 | Apr | 24 | (Thu) | 05:23 | 05:45 | 76  | 12:04 | 87S | 18:23 | 284 | 18:45 |

|      |     |    |       |       |       |    |       |     |       |     |       |
|------|-----|----|-------|-------|-------|----|-------|-----|-------|-----|-------|
| 2025 | Apr | 25 | (Fri) | 05:22 | 05:45 | 76 | 12:04 | 88S | 18:23 | 284 | 18:46 |
| 2025 | Apr | 26 | (Sat) | 05:22 | 05:44 | 76 | 12:04 | 88S | 18:23 | 285 | 18:46 |
| 2025 | Apr | 27 | (Sun) | 05:21 | 05:43 | 75 | 12:03 | 88S | 18:24 | 285 | 18:46 |
| 2025 | Apr | 28 | (Mon) | 05:20 | 05:43 | 75 | 12:03 | 89S | 18:24 | 285 | 18:46 |
| 2025 | Apr | 29 | (Tue) | 05:20 | 05:42 | 75 | 12:03 | 89S | 18:24 | 286 | 18:47 |
| 2025 | Apr | 30 | (Wed) | 05:19 | 05:42 | 74 | 12:03 | 89S | 18:24 | 286 | 18:47 |
| 2025 | May | 01 | (Thu) | 05:19 | 05:41 | 74 | 12:03 | 90S | 18:25 | 286 | 18:47 |
| 2025 | May | 02 | (Fri) | 05:18 | 05:41 | 74 | 12:03 | 90S | 18:25 | 286 | 18:48 |
| 2025 | May | 03 | (Sat) | 05:18 | 05:40 | 73 | 12:03 | 90S | 18:25 | 287 | 18:48 |
| 2025 | May | 04 | (Sun) | 05:17 | 05:40 | 73 | 12:03 | 90S | 18:26 | 287 | 18:48 |
| 2025 | May | 05 | (Mon) | 05:17 | 05:39 | 73 | 12:02 | 91N | 18:26 | 287 | 18:49 |
| 2025 | May | 06 | (Tue) | 05:16 | 05:39 | 72 | 12:02 | 90N | 18:26 | 288 | 18:49 |
| 2025 | May | 07 | (Wed) | 05:16 | 05:38 | 72 | 12:02 | 90N | 18:26 | 288 | 18:49 |
| 2025 | May | 08 | (Thu) | 05:15 | 05:38 | 72 | 12:02 | 90N | 18:27 | 288 | 18:50 |
| 2025 | May | 09 | (Fri) | 05:15 | 05:38 | 72 | 12:02 | 90N | 18:27 | 289 | 18:50 |
| 2025 | May | 10 | (Sat) | 05:14 | 05:37 | 71 | 12:02 | 89N | 18:27 | 289 | 18:50 |
| 2025 | May | 11 | (Sun) | 05:14 | 05:37 | 71 | 12:02 | 89N | 18:28 | 289 | 18:51 |
| 2025 | May | 12 | (Mon) | 05:14 | 05:37 | 71 | 12:02 | 89N | 18:28 | 289 | 18:51 |
| 2025 | May | 13 | (Tue) | 05:13 | 05:36 | 71 | 12:02 | 89N | 18:28 | 290 | 18:51 |
| 2025 | May | 14 | (Wed) | 05:13 | 05:36 | 70 | 12:02 | 88N | 18:29 | 290 | 18:52 |
| 2025 | May | 15 | (Thu) | 05:12 | 05:36 | 70 | 12:02 | 88N | 18:29 | 290 | 18:52 |
| 2025 | May | 16 | (Fri) | 05:12 | 05:35 | 70 | 12:02 | 88N | 18:29 | 290 | 18:52 |
| 2025 | May | 17 | (Sat) | 05:12 | 05:35 | 70 | 12:02 | 88N | 18:30 | 291 | 18:53 |
| 2025 | May | 18 | (Sun) | 05:12 | 05:35 | 69 | 12:02 | 87N | 18:30 | 291 | 18:53 |
| 2025 | May | 19 | (Mon) | 05:11 | 05:34 | 69 | 12:02 | 87N | 18:30 | 291 | 18:53 |
| 2025 | May | 20 | (Tue) | 05:11 | 05:34 | 69 | 12:02 | 87N | 18:31 | 291 | 18:54 |
| 2025 | May | 21 | (Wed) | 05:11 | 05:34 | 69 | 12:02 | 87N | 18:31 | 291 | 18:54 |
| 2025 | May | 22 | (Thu) | 05:10 | 05:34 | 68 | 12:02 | 87N | 18:31 | 292 | 18:55 |
| 2025 | May | 23 | (Fri) | 05:10 | 05:34 | 68 | 12:03 | 86N | 18:32 | 292 | 18:55 |
| 2025 | May | 24 | (Sat) | 05:10 | 05:33 | 68 | 12:03 | 86N | 18:32 | 292 | 18:55 |
| 2025 | May | 25 | (Sun) | 05:10 | 05:33 | 68 | 12:03 | 86N | 18:32 | 292 | 18:56 |
| 2025 | May | 26 | (Mon) | 05:10 | 05:33 | 68 | 12:03 | 86N | 18:33 | 292 | 18:56 |
| 2025 | May | 27 | (Tue) | 05:10 | 05:33 | 68 | 12:03 | 86N | 18:33 | 293 | 18:57 |
| 2025 | May | 28 | (Wed) | 05:09 | 05:33 | 67 | 12:03 | 86N | 18:33 | 293 | 18:57 |
| 2025 | May | 29 | (Thu) | 05:09 | 05:33 | 67 | 12:03 | 85N | 18:34 | 293 | 18:57 |
| 2025 | May | 30 | (Fri) | 05:09 | 05:33 | 67 | 12:03 | 85N | 18:34 | 293 | 18:58 |
| 2025 | May | 31 | (Sat) | 05:09 | 05:33 | 67 | 12:03 | 85N | 18:34 | 293 | 18:58 |
| 2025 | Jun | 01 | (Sun) | 05:09 | 05:33 | 67 | 12:04 | 85N | 18:35 | 293 | 18:58 |
| 2025 | Jun | 02 | (Mon) | 05:09 | 05:33 | 67 | 12:04 | 85N | 18:35 | 294 | 18:59 |
| 2025 | Jun | 03 | (Tue) | 05:09 | 05:33 | 66 | 12:04 | 85N | 18:35 | 294 | 18:59 |
| 2025 | Jun | 04 | (Wed) | 05:09 | 05:33 | 66 | 12:04 | 85N | 18:36 | 294 | 18:59 |
| 2025 | Jun | 05 | (Thu) | 05:09 | 05:33 | 66 | 12:04 | 84N | 18:36 | 294 | 19:00 |
| 2025 | Jun | 06 | (Fri) | 05:09 | 05:33 | 66 | 12:04 | 84N | 18:36 | 294 | 19:00 |
| 2025 | Jun | 07 | (Sat) | 05:09 | 05:33 | 66 | 12:05 | 84N | 18:37 | 294 | 19:01 |
| 2025 | Jun | 08 | (Sun) | 05:09 | 05:33 | 66 | 12:05 | 84N | 18:37 | 294 | 19:01 |
| 2025 | Jun | 09 | (Mon) | 05:09 | 05:33 | 66 | 12:05 | 84N | 18:37 | 294 | 19:01 |
| 2025 | Jun | 10 | (Tue) | 05:09 | 05:33 | 66 | 12:05 | 84N | 18:38 | 294 | 19:02 |
| 2025 | Jun | 11 | (Wed) | 05:09 | 05:33 | 66 | 12:05 | 84N | 18:38 | 294 | 19:02 |
| 2025 | Jun | 12 | (Thu) | 05:09 | 05:33 | 66 | 12:06 | 84N | 18:38 | 294 | 19:02 |
| 2025 | Jun | 13 | (Fri) | 05:09 | 05:33 | 65 | 12:06 | 84N | 18:39 | 295 | 19:02 |
| 2025 | Jun | 14 | (Sat) | 05:09 | 05:33 | 65 | 12:06 | 84N | 18:39 | 295 | 19:03 |
| 2025 | Jun | 15 | (Sun) | 05:10 | 05:33 | 65 | 12:06 | 84N | 18:39 | 295 | 19:03 |
| 2025 | Jun | 16 | (Mon) | 05:10 | 05:34 | 65 | 12:07 | 84N | 18:39 | 295 | 19:03 |
| 2025 | Jun | 17 | (Tue) | 05:10 | 05:34 | 65 | 12:07 | 84N | 18:40 | 295 | 19:04 |
| 2025 | Jun | 18 | (Wed) | 05:10 | 05:34 | 65 | 12:07 | 84N | 18:40 | 295 | 19:04 |
| 2025 | Jun | 19 | (Thu) | 05:10 | 05:34 | 65 | 12:07 | 84N | 18:40 | 295 | 19:04 |
| 2025 | Jun | 20 | (Fri) | 05:10 | 05:34 | 65 | 12:07 | 84N | 18:40 | 295 | 19:04 |
| 2025 | Jun | 21 | (Sat) | 05:11 | 05:35 | 65 | 12:08 | 84N | 18:41 | 295 | 19:05 |
| 2025 | Jun | 22 | (Sun) | 05:11 | 05:35 | 65 | 12:08 | 84N | 18:41 | 295 | 19:05 |
| 2025 | Jun | 23 | (Mon) | 05:11 | 05:35 | 65 | 12:08 | 84N | 18:41 | 295 | 19:05 |
| 2025 | Jun | 24 | (Tue) | 05:11 | 05:35 | 65 | 12:08 | 84N | 18:41 | 295 | 19:05 |
| 2025 | Jun | 25 | (Wed) | 05:12 | 05:36 | 65 | 12:08 | 84N | 18:41 | 295 | 19:05 |
| 2025 | Jun | 26 | (Thu) | 05:12 | 05:36 | 65 | 12:09 | 84N | 18:42 | 295 | 19:05 |
| 2025 | Jun | 27 | (Fri) | 05:12 | 05:36 | 65 | 12:09 | 84N | 18:42 | 295 | 19:06 |
| 2025 | Jun | 28 | (Sat) | 05:12 | 05:36 | 65 | 12:09 | 84N | 18:42 | 295 | 19:06 |
| 2025 | Jun | 29 | (Sun) | 05:13 | 05:37 | 65 | 12:09 | 84N | 18:42 | 294 | 19:06 |
| 2025 | Jun | 30 | (Mon) | 05:13 | 05:37 | 66 | 12:10 | 84N | 18:42 | 294 | 19:06 |
| 2025 | Jul | 01 | (Tue) | 05:13 | 05:37 | 66 | 12:10 | 84N | 18:42 | 294 | 19:06 |
| 2025 | Jul | 02 | (Wed) | 05:14 | 05:37 | 66 | 12:10 | 84N | 18:42 | 294 | 19:06 |
| 2025 | Jul | 03 | (Thu) | 05:14 | 05:38 | 66 | 12:10 | 84N | 18:42 | 294 | 19:06 |
| 2025 | Jul | 04 | (Fri) | 05:14 | 05:38 | 66 | 12:10 | 84N | 18:42 | 294 | 19:06 |
| 2025 | Jul | 05 | (Sat) | 05:15 | 05:38 | 66 | 12:10 | 84N | 18:42 | 294 | 19:06 |

|      |     |    |       |       |       |    |       |     |       |     |       |
|------|-----|----|-------|-------|-------|----|-------|-----|-------|-----|-------|
| 2025 | Jul | 06 | (Sun) | 05:15 | 05:39 | 66 | 12:11 | 84N | 18:42 | 294 | 19:06 |
| 2025 | Jul | 07 | (Mon) | 05:15 | 05:39 | 66 | 12:11 | 84N | 18:42 | 294 | 19:06 |
| 2025 | Jul | 08 | (Tue) | 05:16 | 05:39 | 66 | 12:11 | 85N | 18:42 | 294 | 19:06 |
| 2025 | Jul | 09 | (Wed) | 05:16 | 05:40 | 66 | 12:11 | 85N | 18:42 | 294 | 19:06 |
| 2025 | Jul | 10 | (Thu) | 05:16 | 05:40 | 67 | 12:11 | 85N | 18:42 | 293 | 19:06 |
| 2025 | Jul | 11 | (Fri) | 05:17 | 05:40 | 67 | 12:11 | 85N | 18:42 | 293 | 19:06 |
| 2025 | Jul | 12 | (Sat) | 05:17 | 05:41 | 67 | 12:11 | 85N | 18:42 | 293 | 19:06 |
| 2025 | Jul | 13 | (Sun) | 05:17 | 05:41 | 67 | 12:12 | 85N | 18:42 | 293 | 19:06 |
| 2025 | Jul | 14 | (Mon) | 05:18 | 05:41 | 67 | 12:12 | 85N | 18:42 | 293 | 19:06 |
| 2025 | Jul | 15 | (Tue) | 05:18 | 05:42 | 67 | 12:12 | 86N | 18:42 | 293 | 19:05 |
| 2025 | Jul | 16 | (Wed) | 05:18 | 05:42 | 67 | 12:12 | 86N | 18:42 | 292 | 19:05 |
| 2025 | Jul | 17 | (Thu) | 05:19 | 05:42 | 68 | 12:12 | 86N | 18:42 | 292 | 19:05 |
| 2025 | Jul | 18 | (Fri) | 05:19 | 05:43 | 68 | 12:12 | 86N | 18:42 | 292 | 19:05 |
| 2025 | Jul | 19 | (Sat) | 05:19 | 05:43 | 68 | 12:12 | 86N | 18:41 | 292 | 19:05 |
| 2025 | Jul | 20 | (Sun) | 05:20 | 05:43 | 68 | 12:12 | 86N | 18:41 | 292 | 19:04 |
| 2025 | Jul | 21 | (Mon) | 05:20 | 05:43 | 68 | 12:12 | 87N | 18:41 | 292 | 19:04 |
| 2025 | Jul | 22 | (Tue) | 05:20 | 05:44 | 69 | 12:12 | 87N | 18:41 | 291 | 19:04 |
| 2025 | Jul | 23 | (Wed) | 05:21 | 05:44 | 69 | 12:12 | 87N | 18:40 | 291 | 19:04 |
| 2025 | Jul | 24 | (Thu) | 05:21 | 05:44 | 69 | 12:12 | 87N | 18:40 | 291 | 19:03 |
| 2025 | Jul | 25 | (Fri) | 05:21 | 05:45 | 69 | 12:12 | 87N | 18:40 | 291 | 19:03 |
| 2025 | Jul | 26 | (Sat) | 05:22 | 05:45 | 69 | 12:12 | 88N | 18:40 | 290 | 19:03 |
| 2025 | Jul | 27 | (Sun) | 05:22 | 05:45 | 70 | 12:12 | 88N | 18:39 | 290 | 19:02 |
| 2025 | Jul | 28 | (Mon) | 05:23 | 05:46 | 70 | 12:12 | 88N | 18:39 | 290 | 19:02 |
| 2025 | Jul | 29 | (Tue) | 05:23 | 05:46 | 70 | 12:12 | 88N | 18:39 | 290 | 19:02 |
| 2025 | Jul | 30 | (Wed) | 05:23 | 05:46 | 70 | 12:12 | 89N | 18:38 | 289 | 19:01 |
| 2025 | Jul | 31 | (Thu) | 05:23 | 05:46 | 71 | 12:12 | 89N | 18:38 | 289 | 19:01 |
| 2025 | Aug | 01 | (Fri) | 05:24 | 05:47 | 71 | 12:12 | 89N | 18:37 | 289 | 19:00 |
| 2025 | Aug | 02 | (Sat) | 05:24 | 05:47 | 71 | 12:12 | 89N | 18:37 | 289 | 19:00 |
| 2025 | Aug | 03 | (Sun) | 05:24 | 05:47 | 71 | 12:12 | 90N | 18:37 | 288 | 18:59 |
| 2025 | Aug | 04 | (Mon) | 05:25 | 05:48 | 72 | 12:12 | 90N | 18:36 | 288 | 18:59 |
| 2025 | Aug | 05 | (Tue) | 05:25 | 05:48 | 72 | 12:12 | 90N | 18:36 | 288 | 18:58 |
| 2025 | Aug | 06 | (Wed) | 05:25 | 05:48 | 72 | 12:12 | 90N | 18:35 | 288 | 18:58 |
| 2025 | Aug | 07 | (Thu) | 05:26 | 05:48 | 73 | 12:12 | 91N | 18:35 | 287 | 18:57 |
| 2025 | Aug | 08 | (Fri) | 05:26 | 05:49 | 73 | 12:11 | 90S | 18:34 | 287 | 18:57 |
| 2025 | Aug | 09 | (Sat) | 05:26 | 05:49 | 73 | 12:11 | 90S | 18:34 | 287 | 18:56 |
| 2025 | Aug | 10 | (Sun) | 05:26 | 05:49 | 74 | 12:11 | 90S | 18:33 | 286 | 18:56 |
| 2025 | Aug | 11 | (Mon) | 05:27 | 05:49 | 74 | 12:11 | 90S | 18:33 | 286 | 18:55 |
| 2025 | Aug | 12 | (Tue) | 05:27 | 05:49 | 74 | 12:11 | 89S | 18:32 | 286 | 18:55 |
| 2025 | Aug | 13 | (Wed) | 05:27 | 05:50 | 74 | 12:11 | 89S | 18:32 | 285 | 18:54 |
| 2025 | Aug | 14 | (Thu) | 05:27 | 05:50 | 75 | 12:11 | 89S | 18:31 | 285 | 18:53 |
| 2025 | Aug | 15 | (Fri) | 05:28 | 05:50 | 75 | 12:10 | 88S | 18:30 | 285 | 18:53 |
| 2025 | Aug | 16 | (Sat) | 05:28 | 05:50 | 75 | 12:10 | 88S | 18:30 | 284 | 18:52 |
| 2025 | Aug | 17 | (Sun) | 05:28 | 05:50 | 76 | 12:10 | 88S | 18:29 | 284 | 18:51 |
| 2025 | Aug | 18 | (Mon) | 05:28 | 05:51 | 76 | 12:10 | 87S | 18:29 | 284 | 18:51 |
| 2025 | Aug | 19 | (Tue) | 05:29 | 05:51 | 76 | 12:09 | 87S | 18:28 | 283 | 18:50 |
| 2025 | Aug | 20 | (Wed) | 05:29 | 05:51 | 77 | 12:09 | 87S | 18:27 | 283 | 18:49 |
| 2025 | Aug | 21 | (Thu) | 05:29 | 05:51 | 77 | 12:09 | 86S | 18:27 | 283 | 18:49 |
| 2025 | Aug | 22 | (Fri) | 05:29 | 05:51 | 77 | 12:09 | 86S | 18:26 | 282 | 18:48 |
| 2025 | Aug | 23 | (Sat) | 05:29 | 05:51 | 78 | 12:08 | 86S | 18:25 | 282 | 18:47 |
| 2025 | Aug | 24 | (Sun) | 05:30 | 05:52 | 78 | 12:08 | 85S | 18:25 | 282 | 18:47 |
| 2025 | Aug | 25 | (Mon) | 05:30 | 05:52 | 79 | 12:08 | 85S | 18:24 | 281 | 18:46 |
| 2025 | Aug | 26 | (Tue) | 05:30 | 05:52 | 79 | 12:08 | 85S | 18:23 | 281 | 18:45 |
| 2025 | Aug | 27 | (Wed) | 05:30 | 05:52 | 79 | 12:07 | 84S | 18:22 | 281 | 18:44 |
| 2025 | Aug | 28 | (Thu) | 05:30 | 05:52 | 80 | 12:07 | 84S | 18:22 | 280 | 18:44 |
| 2025 | Aug | 29 | (Fri) | 05:30 | 05:52 | 80 | 12:07 | 84S | 18:21 | 280 | 18:43 |
| 2025 | Aug | 30 | (Sat) | 05:31 | 05:52 | 80 | 12:06 | 83S | 18:20 | 279 | 18:42 |
| 2025 | Aug | 31 | (Sun) | 05:31 | 05:53 | 81 | 12:06 | 83S | 18:20 | 279 | 18:41 |
| 2025 | Sep | 01 | (Mon) | 05:31 | 05:53 | 81 | 12:06 | 83S | 18:19 | 279 | 18:41 |
| 2025 | Sep | 02 | (Tue) | 05:31 | 05:53 | 82 | 12:06 | 82S | 18:18 | 278 | 18:40 |
| 2025 | Sep | 03 | (Wed) | 05:31 | 05:53 | 82 | 12:05 | 82S | 18:17 | 278 | 18:39 |
| 2025 | Sep | 04 | (Thu) | 05:31 | 05:53 | 82 | 12:05 | 81S | 18:16 | 278 | 18:38 |
| 2025 | Sep | 05 | (Fri) | 05:31 | 05:53 | 83 | 12:05 | 81S | 18:16 | 277 | 18:37 |
| 2025 | Sep | 06 | (Sat) | 05:31 | 05:53 | 83 | 12:04 | 81S | 18:15 | 277 | 18:37 |
| 2025 | Sep | 07 | (Sun) | 05:32 | 05:53 | 83 | 12:04 | 80S | 18:14 | 276 | 18:36 |
| 2025 | Sep | 08 | (Mon) | 05:32 | 05:53 | 84 | 12:04 | 80S | 18:13 | 276 | 18:35 |
| 2025 | Sep | 09 | (Tue) | 05:32 | 05:54 | 84 | 12:03 | 80S | 18:13 | 276 | 18:34 |
| 2025 | Sep | 10 | (Wed) | 05:32 | 05:54 | 85 | 12:03 | 79S | 18:12 | 275 | 18:33 |
| 2025 | Sep | 11 | (Thu) | 05:32 | 05:54 | 85 | 12:02 | 79S | 18:11 | 275 | 18:33 |
| 2025 | Sep | 12 | (Fri) | 05:32 | 05:54 | 85 | 12:02 | 78S | 18:10 | 274 | 18:32 |
| 2025 | Sep | 13 | (Sat) | 05:32 | 05:54 | 86 | 12:02 | 78S | 18:09 | 274 | 18:31 |
| 2025 | Sep | 14 | (Sun) | 05:32 | 05:54 | 86 | 12:01 | 78S | 18:09 | 274 | 18:30 |
| 2025 | Sep | 15 | (Mon) | 05:33 | 05:54 | 87 | 12:01 | 77S | 18:08 | 273 | 18:29 |

|      |     |    |       |       |       |     |       |     |       |     |       |
|------|-----|----|-------|-------|-------|-----|-------|-----|-------|-----|-------|
| 2025 | Sep | 16 | (Tue) | 05:33 | 05:54 | 87  | 12:01 | 77S | 18:07 | 273 | 18:28 |
| 2025 | Sep | 17 | (Wed) | 05:33 | 05:54 | 87  | 12:00 | 77S | 18:06 | 272 | 18:28 |
| 2025 | Sep | 18 | (Thu) | 05:33 | 05:54 | 88  | 12:00 | 76S | 18:05 | 272 | 18:27 |
| 2025 | Sep | 19 | (Fri) | 05:33 | 05:55 | 88  | 12:00 | 76S | 18:04 | 272 | 18:26 |
| 2025 | Sep | 20 | (Sat) | 05:33 | 05:55 | 89  | 11:59 | 75S | 18:04 | 271 | 18:25 |
| 2025 | Sep | 21 | (Sun) | 05:33 | 05:55 | 89  | 11:59 | 75S | 18:03 | 271 | 18:24 |
| 2025 | Sep | 22 | (Mon) | 05:33 | 05:55 | 89  | 11:59 | 75S | 18:02 | 270 | 18:24 |
| 2025 | Sep | 23 | (Tue) | 05:33 | 05:55 | 90  | 11:58 | 74S | 18:01 | 270 | 18:23 |
| 2025 | Sep | 24 | (Wed) | 05:33 | 05:55 | 90  | 11:58 | 74S | 18:00 | 270 | 18:22 |
| 2025 | Sep | 25 | (Thu) | 05:34 | 05:55 | 91  | 11:57 | 73S | 18:00 | 269 | 18:21 |
| 2025 | Sep | 26 | (Fri) | 05:34 | 05:55 | 91  | 11:57 | 73S | 17:59 | 269 | 18:20 |
| 2025 | Sep | 27 | (Sat) | 05:34 | 05:55 | 91  | 11:57 | 73S | 17:58 | 268 | 18:20 |
| 2025 | Sep | 28 | (Sun) | 05:34 | 05:55 | 92  | 11:56 | 72S | 17:57 | 268 | 18:19 |
| 2025 | Sep | 29 | (Mon) | 05:34 | 05:56 | 92  | 11:56 | 72S | 17:56 | 268 | 18:18 |
| 2025 | Sep | 30 | (Tue) | 05:34 | 05:56 | 93  | 11:56 | 72S | 17:56 | 267 | 18:17 |
| 2025 | Oct | 01 | (Wed) | 05:34 | 05:56 | 93  | 11:55 | 71S | 17:55 | 267 | 18:16 |
| 2025 | Oct | 02 | (Thu) | 05:34 | 05:56 | 93  | 11:55 | 71S | 17:54 | 266 | 18:16 |
| 2025 | Oct | 03 | (Fri) | 05:35 | 05:56 | 94  | 11:55 | 70S | 17:53 | 266 | 18:15 |
| 2025 | Oct | 04 | (Sat) | 05:35 | 05:56 | 94  | 11:55 | 70S | 17:53 | 266 | 18:14 |
| 2025 | Oct | 05 | (Sun) | 05:35 | 05:56 | 95  | 11:54 | 70S | 17:52 | 265 | 18:13 |
| 2025 | Oct | 06 | (Mon) | 05:35 | 05:57 | 95  | 11:54 | 69S | 17:51 | 265 | 18:13 |
| 2025 | Oct | 07 | (Tue) | 05:35 | 05:57 | 95  | 11:54 | 69S | 17:50 | 264 | 18:12 |
| 2025 | Oct | 08 | (Wed) | 05:35 | 05:57 | 96  | 11:53 | 68S | 17:50 | 264 | 18:11 |
| 2025 | Oct | 09 | (Thu) | 05:35 | 05:57 | 96  | 11:53 | 68S | 17:49 | 264 | 18:11 |
| 2025 | Oct | 10 | (Fri) | 05:36 | 05:57 | 97  | 11:53 | 68S | 17:48 | 263 | 18:10 |
| 2025 | Oct | 11 | (Sat) | 05:36 | 05:57 | 97  | 11:53 | 67S | 17:48 | 263 | 18:09 |
| 2025 | Oct | 12 | (Sun) | 05:36 | 05:58 | 97  | 11:52 | 67S | 17:47 | 262 | 18:08 |
| 2025 | Oct | 13 | (Mon) | 05:36 | 05:58 | 98  | 11:52 | 67S | 17:46 | 262 | 18:08 |
| 2025 | Oct | 14 | (Tue) | 05:36 | 05:58 | 98  | 11:52 | 66S | 17:45 | 262 | 18:07 |
| 2025 | Oct | 15 | (Wed) | 05:36 | 05:58 | 99  | 11:52 | 66S | 17:45 | 261 | 18:07 |
| 2025 | Oct | 16 | (Thu) | 05:37 | 05:58 | 99  | 11:51 | 65S | 17:44 | 261 | 18:06 |
| 2025 | Oct | 17 | (Fri) | 05:37 | 05:59 | 99  | 11:51 | 65S | 17:43 | 260 | 18:05 |
| 2025 | Oct | 18 | (Sat) | 05:37 | 05:59 | 100 | 11:51 | 65S | 17:43 | 260 | 18:05 |
| 2025 | Oct | 19 | (Sun) | 05:37 | 05:59 | 100 | 11:51 | 64S | 17:42 | 260 | 18:04 |
| 2025 | Oct | 20 | (Mon) | 05:38 | 05:59 | 101 | 11:51 | 64S | 17:42 | 259 | 18:03 |
| 2025 | Oct | 21 | (Tue) | 05:38 | 06:00 | 101 | 11:50 | 64S | 17:41 | 259 | 18:03 |
| 2025 | Oct | 22 | (Wed) | 05:38 | 06:00 | 101 | 11:50 | 63S | 17:40 | 259 | 18:02 |
| 2025 | Oct | 23 | (Thu) | 05:38 | 06:00 | 102 | 11:50 | 63S | 17:40 | 258 | 18:02 |
| 2025 | Oct | 24 | (Fri) | 05:39 | 06:00 | 102 | 11:50 | 63S | 17:39 | 258 | 18:01 |
| 2025 | Oct | 25 | (Sat) | 05:39 | 06:01 | 102 | 11:50 | 62S | 17:39 | 257 | 18:01 |
| 2025 | Oct | 26 | (Sun) | 05:39 | 06:01 | 103 | 11:50 | 62S | 17:38 | 257 | 18:00 |
| 2025 | Oct | 27 | (Mon) | 05:39 | 06:01 | 103 | 11:50 | 62S | 17:38 | 257 | 18:00 |
| 2025 | Oct | 28 | (Tue) | 05:40 | 06:02 | 103 | 11:50 | 61S | 17:37 | 256 | 17:59 |
| 2025 | Oct | 29 | (Wed) | 05:40 | 06:02 | 104 | 11:50 | 61S | 17:37 | 256 | 17:59 |
| 2025 | Oct | 30 | (Thu) | 05:40 | 06:02 | 104 | 11:49 | 61S | 17:36 | 256 | 17:59 |
| 2025 | Oct | 31 | (Fri) | 05:41 | 06:03 | 104 | 11:49 | 60S | 17:36 | 255 | 17:58 |
| 2025 | Nov | 01 | (Sat) | 05:41 | 06:03 | 105 | 11:49 | 60S | 17:36 | 255 | 17:58 |
| 2025 | Nov | 02 | (Sun) | 05:41 | 06:03 | 105 | 11:49 | 60S | 17:35 | 255 | 17:57 |
| 2025 | Nov | 03 | (Mon) | 05:42 | 06:04 | 105 | 11:49 | 59S | 17:35 | 254 | 17:57 |
| 2025 | Nov | 04 | (Tue) | 05:42 | 06:04 | 106 | 11:49 | 59S | 17:34 | 254 | 17:57 |
| 2025 | Nov | 05 | (Wed) | 05:42 | 06:05 | 106 | 11:49 | 59S | 17:34 | 254 | 17:56 |
| 2025 | Nov | 06 | (Thu) | 05:43 | 06:05 | 106 | 11:49 | 58S | 17:34 | 253 | 17:56 |
| 2025 | Nov | 07 | (Fri) | 05:43 | 06:05 | 107 | 11:49 | 58S | 17:33 | 253 | 17:56 |
| 2025 | Nov | 08 | (Sat) | 05:43 | 06:06 | 107 | 11:50 | 58S | 17:33 | 253 | 17:55 |
| 2025 | Nov | 09 | (Sun) | 05:44 | 06:06 | 107 | 11:50 | 57S | 17:33 | 253 | 17:55 |
| 2025 | Nov | 10 | (Mon) | 05:44 | 06:07 | 108 | 11:50 | 57S | 17:32 | 252 | 17:55 |
| 2025 | Nov | 11 | (Tue) | 05:45 | 06:07 | 108 | 11:50 | 57S | 17:32 | 252 | 17:55 |
| 2025 | Nov | 12 | (Wed) | 05:45 | 06:08 | 108 | 11:50 | 57S | 17:32 | 252 | 17:55 |
| 2025 | Nov | 13 | (Thu) | 05:46 | 06:08 | 108 | 11:50 | 56S | 17:32 | 251 | 17:54 |
| 2025 | Nov | 14 | (Fri) | 05:46 | 06:09 | 109 | 11:50 | 56S | 17:32 | 251 | 17:54 |
| 2025 | Nov | 15 | (Sat) | 05:46 | 06:09 | 109 | 11:50 | 56S | 17:31 | 251 | 17:54 |
| 2025 | Nov | 16 | (Sun) | 05:47 | 06:10 | 109 | 11:51 | 56S | 17:31 | 251 | 17:54 |
| 2025 | Nov | 17 | (Mon) | 05:47 | 06:10 | 110 | 11:51 | 55S | 17:31 | 250 | 17:54 |
| 2025 | Nov | 18 | (Tue) | 05:48 | 06:11 | 110 | 11:51 | 55S | 17:31 | 250 | 17:54 |
| 2025 | Nov | 19 | (Wed) | 05:48 | 06:11 | 110 | 11:51 | 55S | 17:31 | 250 | 17:54 |
| 2025 | Nov | 20 | (Thu) | 05:49 | 06:12 | 110 | 11:51 | 55S | 17:31 | 250 | 17:54 |
| 2025 | Nov | 21 | (Fri) | 05:49 | 06:12 | 111 | 11:52 | 54S | 17:31 | 249 | 17:54 |
| 2025 | Nov | 22 | (Sat) | 05:50 | 06:13 | 111 | 11:52 | 54S | 17:31 | 249 | 17:54 |
| 2025 | Nov | 23 | (Sun) | 05:50 | 06:13 | 111 | 11:52 | 54S | 17:31 | 249 | 17:54 |
| 2025 | Nov | 24 | (Mon) | 05:51 | 06:14 | 111 | 11:52 | 54S | 17:31 | 249 | 17:54 |
| 2025 | Nov | 25 | (Tue) | 05:51 | 06:14 | 111 | 11:53 | 54S | 17:31 | 249 | 17:54 |
| 2025 | Nov | 26 | (Wed) | 05:52 | 06:15 | 112 | 11:53 | 53S | 17:31 | 248 | 17:54 |

|      |     |    |       |       |       |     |       |     |       |     |       |
|------|-----|----|-------|-------|-------|-----|-------|-----|-------|-----|-------|
| 2025 | Nov | 27 | (Thu) | 05:52 | 06:16 | 112 | 11:53 | 53S | 17:31 | 248 | 17:54 |
| 2025 | Nov | 28 | (Fri) | 05:53 | 06:16 | 112 | 11:54 | 53S | 17:31 | 248 | 17:54 |
| 2025 | Nov | 29 | (Sat) | 05:54 | 06:17 | 112 | 11:54 | 53S | 17:31 | 248 | 17:55 |
| 2025 | Nov | 30 | (Sun) | 05:54 | 06:17 | 112 | 11:54 | 53S | 17:32 | 248 | 17:55 |
| 2025 | Dec | 01 | (Mon) | 05:55 | 06:18 | 113 | 11:55 | 53S | 17:32 | 247 | 17:55 |
| 2025 | Dec | 02 | (Tue) | 05:55 | 06:18 | 113 | 11:55 | 52S | 17:32 | 247 | 17:55 |
| 2025 | Dec | 03 | (Wed) | 05:56 | 06:19 | 113 | 11:56 | 52S | 17:32 | 247 | 17:55 |
| 2025 | Dec | 04 | (Thu) | 05:56 | 06:20 | 113 | 11:56 | 52S | 17:32 | 247 | 17:56 |
| 2025 | Dec | 05 | (Fri) | 05:57 | 06:20 | 113 | 11:56 | 52S | 17:33 | 247 | 17:56 |
| 2025 | Dec | 06 | (Sat) | 05:57 | 06:21 | 113 | 11:57 | 52S | 17:33 | 247 | 17:56 |
| 2025 | Dec | 07 | (Sun) | 05:58 | 06:21 | 113 | 11:57 | 52S | 17:33 | 247 | 17:56 |
| 2025 | Dec | 08 | (Mon) | 05:59 | 06:22 | 113 | 11:58 | 52S | 17:33 | 246 | 17:57 |
| 2025 | Dec | 09 | (Tue) | 05:59 | 06:22 | 114 | 11:58 | 52S | 17:34 | 246 | 17:57 |
| 2025 | Dec | 10 | (Wed) | 06:00 | 06:23 | 114 | 11:59 | 51S | 17:34 | 246 | 17:57 |
| 2025 | Dec | 11 | (Thu) | 06:00 | 06:24 | 114 | 11:59 | 51S | 17:34 | 246 | 17:58 |
| 2025 | Dec | 12 | (Fri) | 06:01 | 06:24 | 114 | 11:59 | 51S | 17:35 | 246 | 17:58 |
| 2025 | Dec | 13 | (Sat) | 06:01 | 06:25 | 114 | 12:00 | 51S | 17:35 | 246 | 17:58 |
| 2025 | Dec | 14 | (Sun) | 06:02 | 06:25 | 114 | 12:00 | 51S | 17:35 | 246 | 17:59 |
| 2025 | Dec | 15 | (Mon) | 06:02 | 06:26 | 114 | 12:01 | 51S | 17:36 | 246 | 17:59 |
| 2025 | Dec | 16 | (Tue) | 06:03 | 06:26 | 114 | 12:01 | 51S | 17:36 | 246 | 18:00 |
| 2025 | Dec | 17 | (Wed) | 06:04 | 06:27 | 114 | 12:02 | 51S | 17:37 | 246 | 18:00 |
| 2025 | Dec | 18 | (Thu) | 06:04 | 06:28 | 114 | 12:02 | 51S | 17:37 | 246 | 18:01 |
| 2025 | Dec | 19 | (Fri) | 06:05 | 06:28 | 114 | 12:03 | 51S | 17:38 | 246 | 18:01 |
| 2025 | Dec | 20 | (Sat) | 06:05 | 06:29 | 114 | 12:03 | 51S | 17:38 | 246 | 18:02 |
| 2025 | Dec | 21 | (Sun) | 06:06 | 06:29 | 114 | 12:04 | 51S | 17:39 | 246 | 18:02 |
| 2025 | Dec | 22 | (Mon) | 06:06 | 06:30 | 114 | 12:04 | 51S | 17:39 | 246 | 18:03 |
| 2025 | Dec | 23 | (Tue) | 06:07 | 06:30 | 114 | 12:05 | 51S | 17:40 | 246 | 18:03 |
| 2025 | Dec | 24 | (Wed) | 06:07 | 06:31 | 114 | 12:05 | 51S | 17:40 | 246 | 18:04 |
| 2025 | Dec | 25 | (Thu) | 06:08 | 06:31 | 114 | 12:06 | 51S | 17:41 | 246 | 18:04 |
| 2025 | Dec | 26 | (Fri) | 06:08 | 06:31 | 114 | 12:06 | 51S | 17:41 | 246 | 18:05 |
| 2025 | Dec | 27 | (Sat) | 06:08 | 06:32 | 114 | 12:07 | 51S | 17:42 | 246 | 18:05 |
| 2025 | Dec | 28 | (Sun) | 06:09 | 06:32 | 114 | 12:07 | 51S | 17:42 | 246 | 18:06 |
| 2025 | Dec | 29 | (Mon) | 06:09 | 06:33 | 114 | 12:08 | 51S | 17:43 | 246 | 18:06 |
| 2025 | Dec | 30 | (Tue) | 06:10 | 06:33 | 114 | 12:08 | 51S | 17:43 | 246 | 18:07 |
| 2025 | Dec | 31 | (Wed) | 06:10 | 06:34 | 114 | 12:09 | 51S | 17:44 | 246 | 18:07 |

# Moon

## Kalasin

Location: E103°33'03.6", N16°18'35.9", 0m  
(Longitude referred to Greenwich meridian)

Time Zone: 7h 00m east of Greenwich

| Date<br>(Zone) | Rise Az. |    |       | Transit Alt. |     |       | Set Az. |     |     |
|----------------|----------|----|-------|--------------|-----|-------|---------|-----|-----|
|                | h        | m  | °     | h            | m   | °     | h       | m   | °   |
| 2025           | Jan      | 01 | (Wed) | 07:44        | 117 |       | 19:05   | 245 |     |
| 2025           | Jan      | 02 | (Thu) | 08:33        | 113 |       | 20:05   | 249 |     |
| 2025           | Jan      | 03 | (Fri) | 09:19        | 108 |       | 21:04   | 255 |     |
| 2025           | Jan      | 04 | (Sat) | 10:00        | 101 |       | 22:00   | 262 |     |
| 2025           | Jan      | 05 | (Sun) | 10:40        | 95  |       | 22:56   | 269 |     |
| 2025           | Jan      | 06 | (Mon) | 11:19        | 87  |       | 23:52   | 276 |     |
| 2025           | Jan      | 07 | (Tue) | 11:58        | 80  |       |         |     |     |
| 2025           | Jan      | 08 | (Wed) | 12:40        | 74  |       | 00:49   | 283 |     |
| 2025           | Jan      | 09 | (Thu) | 13:26        | 68  |       | 01:48   | 289 |     |
| 2025           | Jan      | 10 | (Fri) | 14:17        | 64  |       | 02:50   | 295 |     |
| 2025           | Jan      | 11 | (Sat) | 15:14        | 61  |       | 03:54   | 298 |     |
| 2025           | Jan      | 12 | (Sun) | 16:14        | 60  |       | 04:58   | 300 |     |
| 2025           | Jan      | 13 | (Mon) | 17:16        | 62  |       | 05:58   | 299 |     |
| 2025           | Jan      | 14 | (Tue) | 18:17        | 65  | 00:06 | 06:53   | 297 | 80N |
| 2025           | Jan      | 15 | (Wed) | 19:15        | 69  | 01:01 | 07:42   | 293 | 84N |
| 2025           | Jan      | 16 | (Thu) | 20:09        | 75  | 01:51 | 08:24   | 288 | 89N |
| 2025           | Jan      | 17 | (Fri) | 20:59        | 81  | 02:37 | 09:02   | 282 | 87S |
| 2025           | Jan      | 18 | (Sat) | 21:47        | 87  | 03:20 | 09:37   | 276 | 82S |
| 2025           | Jan      | 19 | (Sun) | 22:33        | 93  | 04:00 | 10:10   | 270 | 76S |
| 2025           | Jan      | 20 | (Mon) | 23:20        | 99  | 04:39 | 10:42   | 264 | 70S |
| 2025           | Jan      | 21 | (Tue) |              |     | 05:19 | 11:15   | 258 | 64S |
| 2025           | Jan      | 22 | (Wed) | 00:07        | 105 | 06:00 | 11:49   | 253 | 59S |
| 2025           | Jan      | 23 | (Thu) | 00:56        | 110 | 06:43 | 12:27   | 248 | 54S |
| 2025           | Jan      | 24 | (Fri) | 01:48        | 114 | 07:30 | 13:10   | 244 | 50S |
| 2025           | Jan      | 25 | (Sat) | 02:43        | 118 | 08:21 | 13:58   | 241 | 47S |

|      |     |    |       |       |     |       |     |       |     |
|------|-----|----|-------|-------|-----|-------|-----|-------|-----|
| 2025 | Jan | 26 | (Sun) | 03:39 | 120 | 09:15 | 45S | 14:51 | 240 |
| 2025 | Jan | 27 | (Mon) | 04:37 | 120 | 10:12 | 45S | 15:49 | 241 |
| 2025 | Jan | 28 | (Tue) | 05:32 | 118 | 11:10 | 47S | 16:50 | 243 |
| 2025 | Jan | 29 | (Wed) | 06:24 | 115 | 12:07 | 51S | 17:52 | 247 |
| 2025 | Jan | 30 | (Thu) | 07:12 | 110 | 13:01 | 56S | 18:53 | 253 |
| 2025 | Jan | 31 | (Fri) | 07:57 | 104 | 13:52 | 62S | 19:52 | 259 |
| 2025 | Feb | 01 | (Sat) | 08:38 | 97  | 14:42 | 69S | 20:49 | 267 |
| 2025 | Feb | 02 | (Sun) | 09:18 | 90  | 15:30 | 76S | 21:46 | 274 |
| 2025 | Feb | 03 | (Mon) | 09:58 | 82  | 16:19 | 84S | 22:44 | 281 |
| 2025 | Feb | 04 | (Tue) | 10:39 | 75  | 17:09 | 90S | 23:43 | 288 |
| 2025 | Feb | 05 | (Wed) | 11:24 | 69  | 18:02 | 86N |       |     |
| 2025 | Feb | 06 | (Thu) | 12:13 | 65  | 18:58 | 82N | 00:44 | 293 |
| 2025 | Feb | 07 | (Fri) | 13:07 | 61  | 19:57 | 79N | 01:47 | 297 |
| 2025 | Feb | 08 | (Sat) | 14:05 | 60  | 20:58 | 78N | 02:49 | 300 |
| 2025 | Feb | 09 | (Sun) | 15:05 | 61  | 21:56 | 79N | 03:50 | 300 |
| 2025 | Feb | 10 | (Mon) | 16:06 | 63  | 22:52 | 82N | 04:45 | 298 |
| 2025 | Feb | 11 | (Tue) | 17:04 | 67  | 23:43 | 86N | 05:35 | 295 |
| 2025 | Feb | 12 | (Wed) | 17:59 | 72  |       |     | 06:19 | 290 |
| 2025 | Feb | 13 | (Thu) | 18:50 | 78  | 00:31 | 90S | 06:59 | 285 |
| 2025 | Feb | 14 | (Fri) | 19:39 | 84  | 01:14 | 84S | 07:34 | 279 |
| 2025 | Feb | 15 | (Sat) | 20:26 | 91  | 01:55 | 78S | 08:08 | 272 |
| 2025 | Feb | 16 | (Sun) | 21:13 | 97  | 02:35 | 72S | 08:40 | 266 |
| 2025 | Feb | 17 | (Mon) | 22:00 | 103 | 03:15 | 66S | 09:13 | 260 |
| 2025 | Feb | 18 | (Tue) | 22:48 | 108 | 03:55 | 61S | 09:47 | 255 |
| 2025 | Feb | 19 | (Wed) | 23:38 | 113 | 04:37 | 56S | 10:23 | 250 |
| 2025 | Feb | 20 | (Thu) |       |     | 05:22 | 51S | 11:03 | 245 |
| 2025 | Feb | 21 | (Fri) | 00:31 | 116 | 06:10 | 48S | 11:48 | 242 |
| 2025 | Feb | 22 | (Sat) | 01:26 | 119 | 07:02 | 46S | 12:38 | 240 |
| 2025 | Feb | 23 | (Sun) | 02:22 | 120 | 07:57 | 45S | 13:33 | 240 |
| 2025 | Feb | 24 | (Mon) | 03:18 | 119 | 08:54 | 46S | 14:32 | 242 |
| 2025 | Feb | 25 | (Tue) | 04:11 | 117 | 09:51 | 49S | 15:33 | 245 |
| 2025 | Feb | 26 | (Wed) | 05:01 | 113 | 10:46 | 53S | 16:35 | 250 |
| 2025 | Feb | 27 | (Thu) | 05:47 | 107 | 11:39 | 59S | 17:35 | 256 |
| 2025 | Feb | 28 | (Fri) | 06:31 | 100 | 12:30 | 66S | 18:35 | 263 |
| 2025 | Mar | 01 | (Sat) | 07:12 | 93  | 13:21 | 73S | 19:34 | 271 |
| 2025 | Mar | 02 | (Sun) | 07:53 | 85  | 14:11 | 81S | 20:33 | 279 |
| 2025 | Mar | 03 | (Mon) | 08:35 | 78  | 15:02 | 88S | 21:33 | 286 |
| 2025 | Mar | 04 | (Tue) | 09:20 | 71  | 15:56 | 87N | 22:36 | 292 |
| 2025 | Mar | 05 | (Wed) | 10:09 | 66  | 16:53 | 83N | 23:40 | 296 |
| 2025 | Mar | 06 | (Thu) | 11:02 | 62  | 17:52 | 79N |       |     |
| 2025 | Mar | 07 | (Fri) | 12:00 | 60  | 18:52 | 78N | 00:43 | 299 |
| 2025 | Mar | 08 | (Sat) | 13:00 | 60  | 19:51 | 79N | 01:45 | 300 |
| 2025 | Mar | 09 | (Sun) | 14:00 | 62  | 20:47 | 81N | 02:42 | 299 |
| 2025 | Mar | 10 | (Mon) | 14:58 | 66  | 21:39 | 85N | 03:33 | 296 |
| 2025 | Mar | 11 | (Tue) | 15:53 | 71  | 22:27 | 90N | 04:18 | 292 |
| 2025 | Mar | 12 | (Wed) | 16:45 | 76  | 23:11 | 86S | 04:58 | 287 |
| 2025 | Mar | 13 | (Thu) | 17:34 | 82  | 23:53 | 80S | 05:34 | 281 |
| 2025 | Mar | 14 | (Fri) | 18:21 | 88  |       |     | 06:08 | 275 |
| 2025 | Mar | 15 | (Sat) | 19:08 | 95  | 00:33 | 74S | 06:40 | 269 |
| 2025 | Mar | 16 | (Sun) | 19:54 | 101 | 01:12 | 68S | 07:13 | 262 |
| 2025 | Mar | 17 | (Mon) | 20:42 | 106 | 01:52 | 63S | 07:46 | 257 |
| 2025 | Mar | 18 | (Tue) | 21:32 | 111 | 02:33 | 57S | 08:21 | 251 |
| 2025 | Mar | 19 | (Wed) | 22:23 | 115 | 03:17 | 53S | 09:00 | 247 |
| 2025 | Mar | 20 | (Thu) | 23:17 | 118 | 04:04 | 49S | 09:42 | 243 |
| 2025 | Mar | 21 | (Fri) |       |     | 04:54 | 46S | 10:29 | 241 |
| 2025 | Mar | 22 | (Sat) | 00:12 | 120 | 05:47 | 45S | 11:21 | 240 |
| 2025 | Mar | 23 | (Sun) | 01:06 | 120 | 06:41 | 45S | 12:17 | 241 |
| 2025 | Mar | 24 | (Mon) | 01:59 | 118 | 07:37 | 47S | 13:16 | 243 |
| 2025 | Mar | 25 | (Tue) | 02:49 | 115 | 08:31 | 51S | 14:16 | 247 |
| 2025 | Mar | 26 | (Wed) | 03:36 | 110 | 09:24 | 56S | 15:16 | 253 |
| 2025 | Mar | 27 | (Thu) | 04:20 | 104 | 10:16 | 62S | 16:15 | 259 |
| 2025 | Mar | 28 | (Fri) | 05:02 | 97  | 11:06 | 69S | 17:14 | 267 |
| 2025 | Mar | 29 | (Sat) | 05:43 | 89  | 11:56 | 77S | 18:14 | 275 |
| 2025 | Mar | 30 | (Sun) | 06:26 | 81  | 12:48 | 84S | 19:15 | 282 |
| 2025 | Mar | 31 | (Mon) | 07:11 | 74  | 13:43 | 90N | 20:19 | 289 |
| 2025 | Apr | 01 | (Tue) | 07:59 | 68  | 14:40 | 84N | 21:25 | 295 |
| 2025 | Apr | 02 | (Wed) | 08:53 | 63  | 15:41 | 80N | 22:32 | 298 |
| 2025 | Apr | 03 | (Thu) | 09:51 | 61  | 16:43 | 78N | 23:36 | 300 |
| 2025 | Apr | 04 | (Fri) | 10:52 | 60  | 17:45 | 78N |       |     |
| 2025 | Apr | 05 | (Sat) | 11:53 | 62  | 18:43 | 80N | 00:36 | 299 |
| 2025 | Apr | 06 | (Sun) | 12:53 | 65  | 19:37 | 84N | 01:30 | 297 |
| 2025 | Apr | 07 | (Mon) | 13:49 | 69  | 20:25 | 88N | 02:17 | 293 |

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|-------------------|-----------|-----------|-----------|
| 2025 Apr 08 (Tue) | 14:41 74  | 21:10 88S | 02:58 288 |
| 2025 Apr 09 (Wed) | 15:31 80  | 21:52 82S | 03:35 283 |
| 2025 Apr 10 (Thu) | 16:18 86  | 22:32 76S | 04:10 277 |
| 2025 Apr 11 (Fri) | 17:05 92  | 23:11 70S | 04:42 271 |
| 2025 Apr 12 (Sat) | 17:51 99  | 23:51 64S | 05:14 265 |
| 2025 Apr 13 (Sun) | 18:38 104 |           | 05:47 259 |
| 2025 Apr 14 (Mon) | 19:27 109 | 00:31 59S | 06:22 253 |
| 2025 Apr 15 (Tue) | 20:18 114 | 01:14 54S | 06:59 248 |
| 2025 Apr 16 (Wed) | 21:11 117 | 02:00 50S | 07:40 244 |
| 2025 Apr 17 (Thu) | 22:05 119 | 02:49 47S | 08:25 242 |
| 2025 Apr 18 (Fri) | 22:59 120 | 03:40 45S | 09:15 240 |
| 2025 Apr 19 (Sat) | 23:52 119 | 04:34 45S | 10:09 240 |
| 2025 Apr 20 (Sun) |           | 05:28 47S | 11:06 242 |
| 2025 Apr 21 (Mon) | 00:42 116 | 06:21 49S | 12:04 245 |
| 2025 Apr 22 (Tue) | 01:28 112 | 07:13 54S | 13:01 250 |
| 2025 Apr 23 (Wed) | 02:12 107 | 08:03 59S | 13:59 256 |
| 2025 Apr 24 (Thu) | 02:53 100 | 08:53 66S | 14:56 263 |
| 2025 Apr 25 (Fri) | 03:34 93  | 09:42 73S | 15:54 271 |
| 2025 Apr 26 (Sat) | 04:15 86  | 10:32 80S | 16:54 278 |
| 2025 Apr 27 (Sun) | 04:58 78  | 11:25 88S | 17:57 286 |
| 2025 Apr 28 (Mon) | 05:45 71  | 12:22 87N | 19:03 292 |
| 2025 Apr 29 (Tue) | 06:37 66  | 13:22 82N | 20:11 297 |
| 2025 Apr 30 (Wed) | 07:35 62  | 14:26 79N | 21:19 299 |
| 2025 May 01 (Thu) | 08:37 60  | 15:31 78N | 22:24 300 |
| 2025 May 02 (Fri) | 09:41 61  | 16:33 79N | 23:22 298 |
| 2025 May 03 (Sat) | 10:44 63  | 17:30 82N |           |
| 2025 May 04 (Sun) | 11:42 68  | 18:22 87N | 00:13 294 |
| 2025 May 05 (Mon) | 12:37 73  | 19:08 90S | 00:57 290 |
| 2025 May 06 (Tue) | 13:28 78  | 19:51 84S | 01:36 284 |
| 2025 May 07 (Wed) | 14:16 84  | 20:32 78S | 02:11 279 |
| 2025 May 08 (Thu) | 15:02 91  | 21:11 72S | 02:44 272 |
| 2025 May 09 (Fri) | 15:48 97  | 21:50 66S | 03:16 266 |
| 2025 May 10 (Sat) | 16:35 102 | 22:30 61S | 03:49 260 |
| 2025 May 11 (Sun) | 17:23 108 | 23:13 56S | 04:23 255 |
| 2025 May 12 (Mon) | 18:14 112 | 23:58 51S | 04:59 250 |
| 2025 May 13 (Tue) | 19:06 116 |           | 05:39 246 |
| 2025 May 14 (Wed) | 20:00 119 | 00:46 48S | 06:23 242 |
| 2025 May 15 (Thu) | 20:55 120 | 01:37 46S | 07:12 241 |
| 2025 May 16 (Fri) | 21:48 119 | 02:30 45S | 08:05 240 |
| 2025 May 17 (Sat) | 22:38 117 | 03:23 46S | 09:00 241 |
| 2025 May 18 (Sun) | 23:25 114 | 04:17 48S | 09:57 244 |
| 2025 May 19 (Mon) |           | 05:08 52S | 10:54 249 |
| 2025 May 20 (Tue) | 00:08 109 | 05:57 57S | 11:50 254 |
| 2025 May 21 (Wed) | 00:49 103 | 06:45 63S | 12:45 260 |
| 2025 May 22 (Thu) | 01:28 96  | 07:32 70S | 13:41 268 |
| 2025 May 23 (Fri) | 02:07 89  | 08:20 77S | 14:38 275 |
| 2025 May 24 (Sat) | 02:48 81  | 09:10 84S | 15:37 282 |
| 2025 May 25 (Sun) | 03:32 74  | 10:04 90N | 16:40 289 |
| 2025 May 26 (Mon) | 04:21 68  | 11:02 85N | 17:47 294 |
| 2025 May 27 (Tue) | 05:16 64  | 12:05 81N | 18:56 298 |
| 2025 May 28 (Wed) | 06:17 61  | 13:10 79N | 20:04 300 |
| 2025 May 29 (Thu) | 07:22 60  | 14:15 79N | 21:07 299 |
| 2025 May 30 (Fri) | 08:27 62  | 15:16 81N | 22:03 296 |
| 2025 May 31 (Sat) | 09:30 66  | 16:12 85N | 22:51 292 |
| 2025 Jun 01 (Sun) | 10:28 71  | 17:02 90N | 23:33 286 |
| 2025 Jun 02 (Mon) | 11:21 76  | 17:48 86S |           |
| 2025 Jun 03 (Tue) | 12:11 82  | 18:30 80S | 00:10 281 |
| 2025 Jun 04 (Wed) | 12:59 89  | 19:10 74S | 00:44 274 |
| 2025 Jun 05 (Thu) | 13:45 95  | 19:49 68S | 01:17 268 |
| 2025 Jun 06 (Fri) | 14:31 101 | 20:29 62S | 01:50 262 |
| 2025 Jun 07 (Sat) | 15:19 106 | 21:10 57S | 02:23 257 |
| 2025 Jun 08 (Sun) | 16:09 111 | 21:54 53S | 02:58 251 |
| 2025 Jun 09 (Mon) | 17:01 115 | 22:41 49S | 03:37 247 |
| 2025 Jun 10 (Tue) | 17:55 118 | 23:32 47S | 04:20 243 |
| 2025 Jun 11 (Wed) | 18:49 120 |           | 05:08 241 |
| 2025 Jun 12 (Thu) | 19:43 120 | 00:25 45S | 06:00 240 |
| 2025 Jun 13 (Fri) | 20:35 118 | 01:19 46S | 06:55 241 |
| 2025 Jun 14 (Sat) | 21:23 115 | 02:13 48S | 07:52 243 |
| 2025 Jun 15 (Sun) | 22:07 110 | 03:05 51S | 08:50 247 |
| 2025 Jun 16 (Mon) | 22:48 104 | 03:55 56S | 09:46 252 |
| 2025 Jun 17 (Tue) | 23:27 98  | 04:43 62S | 10:40 259 |
| 2025 Jun 18 (Wed) |           | 05:29 68S | 11:35 265 |

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| 2025 Jun 19 (Thu) | 00:05 91  | 06:15 75S | 12:29 272 |
| 2025 Jun 20 (Fri) | 00:44 84  | 07:03 82S | 13:25 280 |
| 2025 Jun 21 (Sat) | 01:25 77  | 07:53 88S | 14:25 286 |
| 2025 Jun 22 (Sun) | 02:10 71  | 08:47 87N | 15:28 292 |
| 2025 Jun 23 (Mon) | 03:01 65  | 09:46 82N | 16:35 297 |
| 2025 Jun 24 (Tue) | 03:58 62  | 10:49 79N | 17:42 299 |
| 2025 Jun 25 (Wed) | 05:01 60  | 11:55 78N | 18:48 299 |
| 2025 Jun 26 (Thu) | 06:07 61  | 12:58 80N | 19:48 297 |
| 2025 Jun 27 (Fri) | 07:12 64  | 13:58 83N | 20:40 294 |
| 2025 Jun 28 (Sat) | 08:13 69  | 14:51 88N | 21:26 289 |
| 2025 Jun 29 (Sun) | 09:10 74  | 15:40 88S | 22:06 283 |
| 2025 Jun 30 (Mon) | 10:02 80  | 16:24 82S | 22:42 277 |
| 2025 Jul 01 (Tue) | 10:52 86  | 17:06 76S | 23:16 270 |
| 2025 Jul 02 (Wed) | 11:39 93  | 17:46 70S | 23:49 264 |
| 2025 Jul 03 (Thu) | 12:26 99  | 18:26 64S |           |
| 2025 Jul 04 (Fri) | 13:13 104 | 19:07 59S | 00:22 259 |
| 2025 Jul 05 (Sat) | 14:02 110 | 19:50 54S | 00:57 253 |
| 2025 Jul 06 (Sun) | 14:53 114 | 20:36 50S | 01:34 248 |
| 2025 Jul 07 (Mon) | 15:47 117 | 21:25 47S | 02:16 244 |
| 2025 Jul 08 (Tue) | 16:41 119 | 22:17 46S | 03:02 242 |
| 2025 Jul 09 (Wed) | 17:36 120 | 23:12 45S | 03:53 240 |
| 2025 Jul 10 (Thu) | 18:29 119 |           | 04:47 241 |
| 2025 Jul 11 (Fri) | 19:19 116 | 00:06 47S | 05:45 242 |
| 2025 Jul 12 (Sat) | 20:06 112 | 01:00 50S | 06:43 246 |
| 2025 Jul 13 (Sun) | 20:48 106 | 01:51 54S | 07:40 251 |
| 2025 Jul 14 (Mon) | 21:28 100 | 02:40 60S | 08:36 257 |
| 2025 Jul 15 (Tue) | 22:06 93  | 03:27 66S | 09:31 263 |
| 2025 Jul 16 (Wed) | 22:44 86  | 04:14 73S | 10:25 271 |
| 2025 Jul 17 (Thu) | 23:24 79  | 05:00 80S | 11:20 278 |
| 2025 Jul 18 (Fri) |           | 05:49 87S | 12:18 284 |
| 2025 Jul 19 (Sat) | 00:07 73  | 06:40 89N | 13:18 291 |
| 2025 Jul 20 (Sun) | 00:54 67  | 07:36 84N | 14:21 295 |
| 2025 Jul 21 (Mon) | 01:47 63  | 08:36 80N | 15:27 299 |
| 2025 Jul 22 (Tue) | 02:46 61  | 09:39 78N | 16:32 300 |
| 2025 Jul 23 (Wed) | 03:50 60  | 10:42 79N | 17:33 299 |
| 2025 Jul 24 (Thu) | 04:54 63  | 11:43 81N | 18:29 296 |
| 2025 Jul 25 (Fri) | 05:57 66  | 12:39 85N | 19:17 291 |
| 2025 Jul 26 (Sat) | 06:56 71  | 13:30 91N | 20:00 285 |
| 2025 Jul 27 (Sun) | 07:51 77  | 14:16 85S | 20:38 279 |
| 2025 Jul 28 (Mon) | 08:42 84  | 14:59 79S | 21:13 273 |
| 2025 Jul 29 (Tue) | 09:31 90  | 15:41 72S | 21:46 267 |
| 2025 Jul 30 (Wed) | 10:19 96  | 16:21 66S | 22:20 261 |
| 2025 Jul 31 (Thu) | 11:06 102 | 17:02 61S | 22:54 255 |
| 2025 Aug 01 (Fri) | 11:55 108 | 17:44 56S | 23:30 250 |
| 2025 Aug 02 (Sat) | 12:45 112 | 18:29 51S |           |
| 2025 Aug 03 (Sun) | 13:37 116 | 19:17 48S | 00:10 246 |
| 2025 Aug 04 (Mon) | 14:31 119 | 20:08 46S | 00:54 243 |
| 2025 Aug 05 (Tue) | 15:26 120 | 21:01 45S | 01:43 241 |
| 2025 Aug 06 (Wed) | 16:20 119 | 21:56 46S | 02:36 240 |
| 2025 Aug 07 (Thu) | 17:12 117 | 22:51 48S | 03:33 241 |
| 2025 Aug 08 (Fri) | 18:00 113 | 23:44 52S | 04:32 244 |
| 2025 Aug 09 (Sat) | 18:44 108 |           | 05:30 249 |
| 2025 Aug 10 (Sun) | 19:26 102 | 00:34 58S | 06:28 255 |
| 2025 Aug 11 (Mon) | 20:05 95  | 01:23 64S | 07:24 261 |
| 2025 Aug 12 (Tue) | 20:44 88  | 02:10 71S | 08:20 268 |
| 2025 Aug 13 (Wed) | 21:24 81  | 02:58 78S | 09:15 276 |
| 2025 Aug 14 (Thu) | 22:06 74  | 03:46 85S | 10:13 283 |
| 2025 Aug 15 (Fri) | 22:51 68  | 04:37 90N | 11:12 289 |
| 2025 Aug 16 (Sat) | 23:42 64  | 05:31 85N | 12:14 294 |
| 2025 Aug 17 (Sun) |           | 06:29 81N | 13:19 298 |
| 2025 Aug 18 (Mon) | 00:38 61  | 07:30 79N | 14:23 300 |
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| 2025 Aug 20 (Wed) | 02:42 61  | 09:33 80N | 16:21 297 |
| 2025 Aug 21 (Thu) | 03:45 65  | 10:29 84N | 17:10 293 |
| 2025 Aug 22 (Fri) | 04:44 69  | 11:21 88N | 17:55 288 |
| 2025 Aug 23 (Sat) | 05:40 75  | 12:09 87S | 18:34 282 |
| 2025 Aug 24 (Sun) | 06:32 81  | 12:53 81S | 19:10 276 |
| 2025 Aug 25 (Mon) | 07:22 87  | 13:35 75S | 19:44 269 |
| 2025 Aug 26 (Tue) | 08:11 94  | 14:16 69S | 20:18 263 |
| 2025 Aug 27 (Wed) | 08:59 100 | 14:57 63S | 20:52 257 |
| 2025 Aug 28 (Thu) | 09:47 106 | 15:39 58S | 21:27 252 |
| 2025 Aug 29 (Fri) | 10:37 111 | 16:22 53S | 22:06 247 |

|                   |           |           |           |
|-------------------|-----------|-----------|-----------|
| 2025 Aug 30 (Sat) | 11:28 115 | 17:09 49S | 22:48 244 |
| 2025 Aug 31 (Sun) | 12:21 118 | 17:58 47S | 23:34 241 |
| 2025 Sep 01 (Mon) | 13:15 120 | 18:50 45S |           |
| 2025 Sep 02 (Tue) | 14:09 120 | 19:44 45S | 00:25 240 |
| 2025 Sep 03 (Wed) | 15:01 118 | 20:38 47S | 01:20 241 |
| 2025 Sep 04 (Thu) | 15:50 115 | 21:31 50S | 02:17 243 |
| 2025 Sep 05 (Fri) | 16:36 111 | 22:23 55S | 03:15 247 |
| 2025 Sep 06 (Sat) | 17:19 105 | 23:13 61S | 04:13 252 |
| 2025 Sep 07 (Sun) | 18:00 98  |           | 05:11 258 |
| 2025 Sep 08 (Mon) | 18:40 91  | 00:02 68S | 06:08 265 |
| 2025 Sep 09 (Tue) | 19:20 84  | 00:50 75S | 07:05 273 |
| 2025 Sep 10 (Wed) | 20:02 77  | 01:39 82S | 08:03 280 |
| 2025 Sep 11 (Thu) | 20:48 70  | 02:31 89S | 09:04 287 |
| 2025 Sep 12 (Fri) | 21:38 65  | 03:25 86N | 10:07 293 |
| 2025 Sep 13 (Sat) | 22:33 62  | 04:23 82N | 11:12 297 |
| 2025 Sep 14 (Sun) | 23:33 60  | 05:24 79N | 12:17 299 |
| 2025 Sep 15 (Mon) |           | 06:26 78N | 13:19 300 |
| 2025 Sep 16 (Tue) | 00:35 61  | 07:27 79N | 14:16 298 |
| 2025 Sep 17 (Wed) | 01:37 63  | 08:24 82N | 15:07 295 |
| 2025 Sep 18 (Thu) | 02:37 67  | 09:17 87N | 15:52 290 |
| 2025 Sep 19 (Fri) | 03:33 73  | 10:05 90S | 16:33 284 |
| 2025 Sep 20 (Sat) | 04:26 79  | 10:49 84S | 17:09 278 |
| 2025 Sep 21 (Sun) | 05:16 85  | 11:32 77S | 17:44 272 |
| 2025 Sep 22 (Mon) | 06:04 91  | 12:12 71S | 18:17 265 |
| 2025 Sep 23 (Tue) | 06:52 98  | 12:53 65S | 18:51 259 |
| 2025 Sep 24 (Wed) | 07:40 104 | 13:34 60S | 19:25 254 |
| 2025 Sep 25 (Thu) | 08:29 109 | 14:17 55S | 20:03 249 |
| 2025 Sep 26 (Fri) | 09:20 113 | 15:03 51S | 20:43 245 |
| 2025 Sep 27 (Sat) | 10:12 117 | 15:51 48S | 21:27 242 |
| 2025 Sep 28 (Sun) | 11:06 119 | 16:41 46S | 22:16 240 |
| 2025 Sep 29 (Mon) | 11:59 120 | 17:34 45S | 23:08 240 |
| 2025 Sep 30 (Tue) | 12:51 119 | 18:27 46S |           |
| 2025 Oct 01 (Wed) | 13:40 117 | 19:19 49S | 00:04 242 |
| 2025 Oct 02 (Thu) | 14:27 113 | 20:11 53S | 01:00 245 |
| 2025 Oct 03 (Fri) | 15:10 108 | 21:01 58S | 01:57 249 |
| 2025 Oct 04 (Sat) | 15:52 102 | 21:49 64S | 02:54 255 |
| 2025 Oct 05 (Sun) | 16:32 95  | 22:38 71S | 03:51 262 |
| 2025 Oct 06 (Mon) | 17:12 87  | 23:27 79S | 04:48 269 |
| 2025 Oct 07 (Tue) | 17:54 80  |           | 05:46 276 |
| 2025 Oct 08 (Wed) | 18:39 73  | 00:18 86S | 06:47 284 |
| 2025 Oct 09 (Thu) | 19:29 67  | 01:13 89N | 07:51 290 |
| 2025 Oct 10 (Fri) | 20:24 63  | 02:12 84N | 08:58 296 |
| 2025 Oct 11 (Sat) | 21:25 60  | 03:14 80N | 10:06 299 |
| 2025 Oct 12 (Sun) | 22:28 60  | 04:18 78N | 11:11 300 |
| 2025 Oct 13 (Mon) | 23:31 62  | 05:21 79N | 12:11 299 |
| 2025 Oct 14 (Tue) |           | 06:20 81N | 13:05 296 |
| 2025 Oct 15 (Wed) | 00:32 66  | 07:14 85N | 13:52 291 |
| 2025 Oct 16 (Thu) | 01:29 71  | 08:03 90N | 14:33 286 |
| 2025 Oct 17 (Fri) | 02:22 77  | 08:48 86S | 15:10 280 |
| 2025 Oct 18 (Sat) | 03:12 83  | 09:30 79S | 15:45 274 |
| 2025 Oct 19 (Sun) | 04:01 89  | 10:11 73S | 16:18 268 |
| 2025 Oct 20 (Mon) | 04:48 96  | 10:51 67S | 16:51 262 |
| 2025 Oct 21 (Tue) | 05:36 102 | 11:32 62S | 17:25 256 |
| 2025 Oct 22 (Wed) | 06:24 107 | 12:14 56S | 18:02 251 |
| 2025 Oct 23 (Thu) | 07:14 112 | 12:59 52S | 18:41 246 |
| 2025 Oct 24 (Fri) | 08:06 116 | 13:46 49S | 19:24 243 |
| 2025 Oct 25 (Sat) | 08:59 118 | 14:35 46S | 20:11 241 |
| 2025 Oct 26 (Sun) | 09:52 120 | 15:27 45S | 21:02 240 |
| 2025 Oct 27 (Mon) | 10:44 120 | 16:19 46S | 21:55 241 |
| 2025 Oct 28 (Tue) | 11:33 118 | 17:11 48S | 22:50 243 |
| 2025 Oct 29 (Wed) | 12:20 115 | 18:01 51S | 23:45 247 |
| 2025 Oct 30 (Thu) | 13:03 110 | 18:50 56S |           |
| 2025 Oct 31 (Fri) | 13:44 105 | 19:38 61S | 00:40 252 |
| 2025 Nov 01 (Sat) | 14:23 98  | 20:25 68S | 01:35 258 |
| 2025 Nov 02 (Sun) | 15:02 91  | 21:12 75S | 02:30 265 |
| 2025 Nov 03 (Mon) | 15:43 84  | 22:02 82S | 03:27 272 |
| 2025 Nov 04 (Tue) | 16:26 77  | 22:55 89S | 04:26 280 |
| 2025 Nov 05 (Wed) | 17:14 70  | 23:52 86N | 05:29 287 |
| 2025 Nov 06 (Thu) | 18:08 65  |           | 06:35 293 |
| 2025 Nov 07 (Fri) | 19:08 61  | 00:55 82N | 07:45 297 |
| 2025 Nov 08 (Sat) | 20:13 60  | 02:00 79N | 08:54 299 |
| 2025 Nov 09 (Sun) | 21:19 62  | 03:07 79N | 09:59 299 |

|                   |           |           |           |
|-------------------|-----------|-----------|-----------|
| 2025 Nov 10 (Mon) | 22:23 65  | 04:10 80N | 10:58 297 |
| 2025 Nov 11 (Tue) | 23:23 70  | 05:08 84N | 11:48 293 |
| 2025 Nov 12 (Wed) |           | 06:00 89N | 12:32 288 |
| 2025 Nov 13 (Thu) | 00:18 75  | 06:47 87S | 13:11 282 |
| 2025 Nov 14 (Fri) | 01:10 81  | 07:30 81S | 13:46 276 |
| 2025 Nov 15 (Sat) | 01:58 87  | 08:11 75S | 14:20 269 |
| 2025 Nov 16 (Sun) | 02:46 94  | 08:51 69S | 14:53 263 |
| 2025 Nov 17 (Mon) | 03:33 100 | 09:31 63S | 15:27 258 |
| 2025 Nov 18 (Tue) | 04:21 105 | 10:13 58S | 16:02 252 |
| 2025 Nov 19 (Wed) | 05:10 110 | 10:57 53S | 16:40 248 |
| 2025 Nov 20 (Thu) | 06:01 114 | 11:43 50S | 17:22 244 |
| 2025 Nov 21 (Fri) | 06:54 118 | 12:32 47S | 18:08 242 |
| 2025 Nov 22 (Sat) | 07:47 119 | 13:23 46S | 18:58 240 |
| 2025 Nov 23 (Sun) | 08:40 120 | 14:15 46S | 19:50 241 |
| 2025 Nov 24 (Mon) | 09:30 118 | 15:06 47S | 20:45 243 |
| 2025 Nov 25 (Tue) | 10:17 116 | 15:57 50S | 21:39 246 |
| 2025 Nov 26 (Wed) | 11:00 112 | 16:45 54S | 22:33 251 |
| 2025 Nov 27 (Thu) | 11:41 107 | 17:32 59S | 23:26 256 |
| 2025 Nov 28 (Fri) | 12:19 101 | 18:17 65S |           |
| 2025 Nov 29 (Sat) | 12:57 94  | 19:03 72S | 00:19 262 |
| 2025 Nov 30 (Sun) | 13:35 87  | 19:49 79S | 01:13 269 |
| 2025 Dec 01 (Mon) | 14:15 80  | 20:39 86S | 02:08 276 |
| 2025 Dec 02 (Tue) | 14:59 73  | 21:32 89N | 03:07 284 |
| 2025 Dec 03 (Wed) | 15:49 67  | 22:31 84N | 04:10 290 |
| 2025 Dec 04 (Thu) | 16:46 63  | 23:36 80N | 05:18 295 |
| 2025 Dec 05 (Fri) | 17:50 61  |           | 06:28 299 |
| 2025 Dec 06 (Sat) | 18:57 61  | 00:43 79N | 07:37 299 |
| 2025 Dec 07 (Sun) | 20:05 63  | 01:50 79N | 08:41 298 |
| 2025 Dec 08 (Mon) | 21:09 68  | 02:53 82N | 09:37 295 |
| 2025 Dec 09 (Tue) | 22:08 73  | 03:50 87N | 10:26 290 |
| 2025 Dec 10 (Wed) | 23:03 79  | 04:40 89S | 11:08 284 |
| 2025 Dec 11 (Thu) | 23:54 86  | 05:26 83S | 11:46 278 |
| 2025 Dec 12 (Fri) |           | 06:09 77S | 12:20 271 |
| 2025 Dec 13 (Sat) | 00:42 92  | 06:50 71S | 12:54 265 |
| 2025 Dec 14 (Sun) | 01:30 98  | 07:30 65S | 13:27 259 |
| 2025 Dec 15 (Mon) | 02:17 104 | 08:11 60S | 14:02 254 |
| 2025 Dec 16 (Tue) | 03:06 109 | 08:54 55S | 14:39 249 |
| 2025 Dec 17 (Wed) | 03:57 113 | 09:39 51S | 15:20 245 |
| 2025 Dec 18 (Thu) | 04:49 117 | 10:28 48S | 16:05 242 |
| 2025 Dec 19 (Fri) | 05:42 119 | 11:18 46S | 16:54 241 |
| 2025 Dec 20 (Sat) | 06:35 120 | 12:10 46S | 17:46 241 |
| 2025 Dec 21 (Sun) | 07:26 119 | 13:03 47S | 18:40 242 |
| 2025 Dec 22 (Mon) | 08:15 116 | 13:54 49S | 19:35 245 |
| 2025 Dec 23 (Tue) | 08:59 113 | 14:43 53S | 20:29 249 |
| 2025 Dec 24 (Wed) | 09:40 108 | 15:30 58S | 21:22 255 |
| 2025 Dec 25 (Thu) | 10:19 102 | 16:15 63S | 22:15 261 |
| 2025 Dec 26 (Fri) | 10:56 96  | 16:59 70S | 23:07 267 |
| 2025 Dec 27 (Sat) | 11:33 89  | 17:44 76S | 23:59 274 |
| 2025 Dec 28 (Sun) | 12:10 83  | 18:30 83S |           |
| 2025 Dec 29 (Mon) | 12:51 76  | 19:20 90S | 00:54 281 |
| 2025 Dec 30 (Tue) | 13:36 70  | 20:14 86N | 01:53 287 |
| 2025 Dec 31 (Wed) | 14:28 65  | 21:14 82N | 02:56 293 |