

# Sun

## Phuphan

Location: E104°02'31.2", N16°58'08.4", 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) | 05:43                         | 06:33 114 |     | 12:07 51S    | 17:42 246 |     | 18:32                       |
| 2025 Jan 02 (Thu) | 05:43                         | 06:34 114 |     | 12:08 51S    | 17:42 246 |     | 18:33                       |
| 2025 Jan 03 (Fri) | 05:44                         | 06:34 114 |     | 12:08 51S    | 17:43 246 |     | 18:33                       |
| 2025 Jan 04 (Sat) | 05:44                         | 06:34 114 |     | 12:09 51S    | 17:43 247 |     | 18:34                       |
| 2025 Jan 05 (Sun) | 05:44                         | 06:35 113 |     | 12:09 51S    | 17:44 247 |     | 18:34                       |
| 2025 Jan 06 (Mon) | 05:45                         | 06:35 113 |     | 12:10 51S    | 17:45 247 |     | 18:35                       |
| 2025 Jan 07 (Tue) | 05:45                         | 06:35 113 |     | 12:10 51S    | 17:45 247 |     | 18:35                       |
| 2025 Jan 08 (Wed) | 05:45                         | 06:35 113 |     | 12:11 52S    | 17:46 247 |     | 18:36                       |
| 2025 Jan 09 (Thu) | 05:45                         | 06:36 113 |     | 12:11 52S    | 17:46 247 |     | 18:37                       |
| 2025 Jan 10 (Fri) | 05:46                         | 06:36 113 |     | 12:11 52S    | 17:47 247 |     | 18:37                       |
| 2025 Jan 11 (Sat) | 05:46                         | 06:36 113 |     | 12:12 52S    | 17:48 248 |     | 18:38                       |
| 2025 Jan 12 (Sun) | 05:46                         | 06:36 112 |     | 12:12 52S    | 17:48 248 |     | 18:38                       |
| 2025 Jan 13 (Mon) | 05:46                         | 06:36 112 |     | 12:13 52S    | 17:49 248 |     | 18:39                       |
| 2025 Jan 14 (Tue) | 05:47                         | 06:36 112 |     | 12:13 52S    | 17:50 248 |     | 18:39                       |
| 2025 Jan 15 (Wed) | 05:47                         | 06:36 112 |     | 12:13 53S    | 17:50 248 |     | 18:40                       |
| 2025 Jan 16 (Thu) | 05:47                         | 06:37 112 |     | 12:14 53S    | 17:51 248 |     | 18:40                       |
| 2025 Jan 17 (Fri) | 05:47                         | 06:37 111 |     | 12:14 53S    | 17:51 249 |     | 18:41                       |
| 2025 Jan 18 (Sat) | 05:47                         | 06:37 111 |     | 12:14 53S    | 17:52 249 |     | 18:41                       |
| 2025 Jan 19 (Sun) | 05:47                         | 06:37 111 |     | 12:15 53S    | 17:53 249 |     | 18:42                       |
| 2025 Jan 20 (Mon) | 05:47                         | 06:37 111 |     | 12:15 54S    | 17:53 249 |     | 18:43                       |
| 2025 Jan 21 (Tue) | 05:47                         | 06:37 111 |     | 12:15 54S    | 17:54 250 |     | 18:43                       |
| 2025 Jan 22 (Wed) | 05:47                         | 06:37 110 |     | 12:15 54S    | 17:54 250 |     | 18:44                       |
| 2025 Jan 23 (Thu) | 05:47                         | 06:37 110 |     | 12:16 54S    | 17:55 250 |     | 18:44                       |
| 2025 Jan 24 (Fri) | 05:47                         | 06:37 110 |     | 12:16 55S    | 17:55 250 |     | 18:45                       |
| 2025 Jan 25 (Sat) | 05:47                         | 06:36 110 |     | 12:16 55S    | 17:56 251 |     | 18:45                       |
| 2025 Jan 26 (Sun) | 05:47                         | 06:36 109 |     | 12:16 55S    | 17:57 251 |     | 18:46                       |
| 2025 Jan 27 (Mon) | 05:47                         | 06:36 109 |     | 12:17 55S    | 17:57 251 |     | 18:46                       |
| 2025 Jan 28 (Tue) | 05:47                         | 06:36 109 |     | 12:17 56S    | 17:58 251 |     | 18:46                       |
| 2025 Jan 29 (Wed) | 05:47                         | 06:36 109 |     | 12:17 56S    | 17:58 252 |     | 18:47                       |
| 2025 Jan 30 (Thu) | 05:47                         | 06:36 108 |     | 12:17 56S    | 17:59 252 |     | 18:47                       |
| 2025 Jan 31 (Fri) | 05:47                         | 06:35 108 |     | 12:17 56S    | 17:59 252 |     | 18:48                       |
| 2025 Feb 01 (Sat) | 05:47                         | 06:35 108 |     | 12:17 57S    | 18:00 253 |     | 18:48                       |
| 2025 Feb 02 (Sun) | 05:46                         | 06:35 107 |     | 12:18 57S    | 18:00 253 |     | 18:49                       |
| 2025 Feb 03 (Mon) | 05:46                         | 06:35 107 |     | 12:18 57S    | 18:01 253 |     | 18:49                       |
| 2025 Feb 04 (Tue) | 05:46                         | 06:34 107 |     | 12:18 58S    | 18:01 253 |     | 18:50                       |
| 2025 Feb 05 (Wed) | 05:46                         | 06:34 106 |     | 12:18 58S    | 18:02 254 |     | 18:50                       |
| 2025 Feb 06 (Thu) | 05:46                         | 06:34 106 |     | 12:18 58S    | 18:02 254 |     | 18:50                       |
| 2025 Feb 07 (Fri) | 05:45                         | 06:33 106 |     | 12:18 59S    | 18:03 254 |     | 18:51                       |
| 2025 Feb 08 (Sat) | 05:45                         | 06:33 105 |     | 12:18 59S    | 18:03 255 |     | 18:51                       |
| 2025 Feb 09 (Sun) | 05:45                         | 06:33 105 |     | 12:18 59S    | 18:04 255 |     | 18:51                       |
| 2025 Feb 10 (Mon) | 05:44                         | 06:32 105 |     | 12:18 59S    | 18:04 255 |     | 18:52                       |
| 2025 Feb 11 (Tue) | 05:44                         | 06:32 104 |     | 12:18 60S    | 18:04 256 |     | 18:52                       |
| 2025 Feb 12 (Wed) | 05:44                         | 06:31 104 |     | 12:18 60S    | 18:05 256 |     | 18:53                       |
| 2025 Feb 13 (Thu) | 05:43                         | 06:31 104 |     | 12:18 60S    | 18:05 256 |     | 18:53                       |
| 2025 Feb 14 (Fri) | 05:43                         | 06:31 103 |     | 12:18 61S    | 18:06 257 |     | 18:53                       |
| 2025 Feb 15 (Sat) | 05:42                         | 06:30 103 |     | 12:18 61S    | 18:06 257 |     | 18:54                       |
| 2025 Feb 16 (Sun) | 05:42                         | 06:30 103 |     | 12:18 61S    | 18:06 258 |     | 18:54                       |
| 2025 Feb 17 (Mon) | 05:42                         | 06:29 102 |     | 12:18 62S    | 18:07 258 |     | 18:54                       |
| 2025 Feb 18 (Tue) | 05:41                         | 06:29 102 |     | 12:18 62S    | 18:07 258 |     | 18:55                       |
| 2025 Feb 19 (Wed) | 05:41                         | 06:28 102 |     | 12:18 63S    | 18:07 259 |     | 18:55                       |
| 2025 Feb 20 (Thu) | 05:40                         | 06:27 101 |     | 12:18 63S    | 18:08 259 |     | 18:55                       |
| 2025 Feb 21 (Fri) | 05:40                         | 06:27 101 |     | 12:17 63S    | 18:08 259 |     | 18:55                       |
| 2025 Feb 22 (Sat) | 05:39                         | 06:26 100 |     | 12:17 64S    | 18:08 260 |     | 18:56                       |
| 2025 Feb 23 (Sun) | 05:39                         | 06:26 100 |     | 12:17 64S    | 18:09 260 |     | 18:56                       |
| 2025 Feb 24 (Mon) | 05:38                         | 06:25 100 |     | 12:17 64S    | 18:09 261 |     | 18:56                       |

|      |     |    |       |       |       |    |       |     |       |     |       |
|------|-----|----|-------|-------|-------|----|-------|-----|-------|-----|-------|
| 2025 | Feb | 25 | (Tue) | 05:37 | 06:25 | 99 | 12:17 | 65S | 18:09 | 261 | 18:56 |
| 2025 | Feb | 26 | (Wed) | 05:37 | 06:24 | 99 | 12:17 | 65S | 18:10 | 261 | 18:57 |
| 2025 | Feb | 27 | (Thu) | 05:36 | 06:23 | 98 | 12:17 | 65S | 18:10 | 262 | 18:57 |
| 2025 | Feb | 28 | (Fri) | 05:36 | 06:23 | 98 | 12:16 | 66S | 18:10 | 262 | 18:57 |
| 2025 | Mar | 01 | (Sat) | 05:35 | 06:22 | 98 | 12:16 | 66S | 18:11 | 263 | 18:57 |
| 2025 | Mar | 02 | (Sun) | 05:34 | 06:21 | 97 | 12:16 | 67S | 18:11 | 263 | 18:58 |
| 2025 | Mar | 03 | (Mon) | 05:34 | 06:21 | 97 | 12:16 | 67S | 18:11 | 263 | 18:58 |
| 2025 | Mar | 04 | (Tue) | 05:33 | 06:20 | 96 | 12:16 | 67S | 18:11 | 264 | 18:58 |
| 2025 | Mar | 05 | (Wed) | 05:32 | 06:19 | 96 | 12:15 | 68S | 18:12 | 264 | 18:58 |
| 2025 | Mar | 06 | (Thu) | 05:32 | 06:19 | 96 | 12:15 | 68S | 18:12 | 265 | 18:59 |
| 2025 | Mar | 07 | (Fri) | 05:31 | 06:18 | 95 | 12:15 | 69S | 18:12 | 265 | 18:59 |
| 2025 | Mar | 08 | (Sat) | 05:30 | 06:17 | 95 | 12:15 | 69S | 18:12 | 265 | 18:59 |
| 2025 | Mar | 09 | (Sun) | 05:30 | 06:16 | 94 | 12:14 | 69S | 18:13 | 266 | 18:59 |
| 2025 | Mar | 10 | (Mon) | 05:29 | 06:16 | 94 | 12:14 | 70S | 18:13 | 266 | 18:59 |
| 2025 | Mar | 11 | (Tue) | 05:28 | 06:15 | 94 | 12:14 | 70S | 18:13 | 267 | 19:00 |
| 2025 | Mar | 12 | (Wed) | 05:28 | 06:14 | 93 | 12:14 | 71S | 18:13 | 267 | 19:00 |
| 2025 | Mar | 13 | (Thu) | 05:27 | 06:13 | 93 | 12:13 | 71S | 18:13 | 267 | 19:00 |
| 2025 | Mar | 14 | (Fri) | 05:26 | 06:13 | 92 | 12:13 | 71S | 18:14 | 268 | 19:00 |
| 2025 | Mar | 15 | (Sat) | 05:25 | 06:12 | 92 | 12:13 | 72S | 18:14 | 268 | 19:00 |
| 2025 | Mar | 16 | (Sun) | 05:24 | 06:11 | 92 | 12:12 | 72S | 18:14 | 269 | 19:01 |
| 2025 | Mar | 17 | (Mon) | 05:24 | 06:10 | 91 | 12:12 | 72S | 18:14 | 269 | 19:01 |
| 2025 | Mar | 18 | (Tue) | 05:23 | 06:10 | 91 | 12:12 | 73S | 18:14 | 269 | 19:01 |
| 2025 | Mar | 19 | (Wed) | 05:22 | 06:09 | 90 | 12:12 | 73S | 18:15 | 270 | 19:01 |
| 2025 | Mar | 20 | (Thu) | 05:21 | 06:08 | 90 | 12:11 | 74S | 18:15 | 270 | 19:01 |
| 2025 | Mar | 21 | (Fri) | 05:21 | 06:07 | 90 | 12:11 | 74S | 18:15 | 271 | 19:02 |
| 2025 | Mar | 22 | (Sat) | 05:20 | 06:07 | 89 | 12:11 | 74S | 18:15 | 271 | 19:02 |
| 2025 | Mar | 23 | (Sun) | 05:19 | 06:06 | 89 | 12:10 | 75S | 18:15 | 272 | 19:02 |
| 2025 | Mar | 24 | (Mon) | 05:18 | 06:05 | 88 | 12:10 | 75S | 18:15 | 272 | 19:02 |
| 2025 | Mar | 25 | (Tue) | 05:17 | 06:04 | 88 | 12:10 | 76S | 18:16 | 272 | 19:02 |
| 2025 | Mar | 26 | (Wed) | 05:17 | 06:03 | 87 | 12:09 | 76S | 18:16 | 273 | 19:03 |
| 2025 | Mar | 27 | (Thu) | 05:16 | 06:03 | 87 | 12:09 | 76S | 18:16 | 273 | 19:03 |
| 2025 | Mar | 28 | (Fri) | 05:15 | 06:02 | 87 | 12:09 | 77S | 18:16 | 274 | 19:03 |
| 2025 | Mar | 29 | (Sat) | 05:14 | 06:01 | 86 | 12:09 | 77S | 18:16 | 274 | 19:03 |
| 2025 | Mar | 30 | (Sun) | 05:13 | 06:00 | 86 | 12:08 | 78S | 18:17 | 274 | 19:04 |
| 2025 | Mar | 31 | (Mon) | 05:13 | 06:00 | 85 | 12:08 | 78S | 18:17 | 275 | 19:04 |
| 2025 | Apr | 01 | (Tue) | 05:12 | 05:59 | 85 | 12:08 | 78S | 18:17 | 275 | 19:04 |
| 2025 | Apr | 02 | (Wed) | 05:11 | 05:58 | 85 | 12:07 | 79S | 18:17 | 276 | 19:04 |
| 2025 | Apr | 03 | (Thu) | 05:10 | 05:57 | 84 | 12:07 | 79S | 18:17 | 276 | 19:04 |
| 2025 | Apr | 04 | (Fri) | 05:09 | 05:56 | 84 | 12:07 | 80S | 18:17 | 276 | 19:05 |
| 2025 | Apr | 05 | (Sat) | 05:08 | 05:56 | 83 | 12:07 | 80S | 18:18 | 277 | 19:05 |
| 2025 | Apr | 06 | (Sun) | 05:08 | 05:55 | 83 | 12:06 | 80S | 18:18 | 277 | 19:05 |
| 2025 | Apr | 07 | (Mon) | 05:07 | 05:54 | 83 | 12:06 | 81S | 18:18 | 278 | 19:05 |
| 2025 | Apr | 08 | (Tue) | 05:06 | 05:53 | 82 | 12:06 | 81S | 18:18 | 278 | 19:06 |
| 2025 | Apr | 09 | (Wed) | 05:05 | 05:53 | 82 | 12:05 | 81S | 18:18 | 278 | 19:06 |
| 2025 | Apr | 10 | (Thu) | 05:04 | 05:52 | 81 | 12:05 | 82S | 18:19 | 279 | 19:06 |
| 2025 | Apr | 11 | (Fri) | 05:04 | 05:51 | 81 | 12:05 | 82S | 18:19 | 279 | 19:06 |
| 2025 | Apr | 12 | (Sat) | 05:03 | 05:50 | 81 | 12:05 | 83S | 18:19 | 280 | 19:07 |
| 2025 | Apr | 13 | (Sun) | 05:02 | 05:50 | 80 | 12:04 | 83S | 18:19 | 280 | 19:07 |
| 2025 | Apr | 14 | (Mon) | 05:01 | 05:49 | 80 | 12:04 | 83S | 18:19 | 280 | 19:07 |
| 2025 | Apr | 15 | (Tue) | 05:01 | 05:48 | 80 | 12:04 | 84S | 18:20 | 281 | 19:07 |
| 2025 | Apr | 16 | (Wed) | 05:00 | 05:48 | 79 | 12:04 | 84S | 18:20 | 281 | 19:08 |
| 2025 | Apr | 17 | (Thu) | 04:59 | 05:47 | 79 | 12:03 | 84S | 18:20 | 281 | 19:08 |
| 2025 | Apr | 18 | (Fri) | 04:58 | 05:46 | 78 | 12:03 | 85S | 18:20 | 282 | 19:08 |
| 2025 | Apr | 19 | (Sat) | 04:58 | 05:46 | 78 | 12:03 | 85S | 18:20 | 282 | 19:09 |
| 2025 | Apr | 20 | (Sun) | 04:57 | 05:45 | 78 | 12:03 | 85S | 18:21 | 282 | 19:09 |
| 2025 | Apr | 21 | (Mon) | 04:56 | 05:44 | 77 | 12:03 | 86S | 18:21 | 283 | 19:09 |
| 2025 | Apr | 22 | (Tue) | 04:55 | 05:44 | 77 | 12:02 | 86S | 18:21 | 283 | 19:10 |
| 2025 | Apr | 23 | (Wed) | 04:55 | 05:43 | 77 | 12:02 | 86S | 18:21 | 284 | 19:10 |
| 2025 | Apr | 24 | (Thu) | 04:54 | 05:42 | 76 | 12:02 | 87S | 18:22 | 284 | 19:10 |
| 2025 | Apr | 25 | (Fri) | 04:53 | 05:42 | 76 | 12:02 | 87S | 18:22 | 284 | 19:11 |
| 2025 | Apr | 26 | (Sat) | 04:53 | 05:41 | 76 | 12:02 | 87S | 18:22 | 285 | 19:11 |
| 2025 | Apr | 27 | (Sun) | 04:52 | 05:41 | 75 | 12:01 | 88S | 18:22 | 285 | 19:11 |
| 2025 | Apr | 28 | (Mon) | 04:51 | 05:40 | 75 | 12:01 | 88S | 18:23 | 285 | 19:12 |
| 2025 | Apr | 29 | (Tue) | 04:51 | 05:40 | 75 | 12:01 | 88S | 18:23 | 286 | 19:12 |
| 2025 | Apr | 30 | (Wed) | 04:50 | 05:39 | 74 | 12:01 | 89S | 18:23 | 286 | 19:12 |
| 2025 | May | 01 | (Thu) | 04:49 | 05:39 | 74 | 12:01 | 89S | 18:24 | 286 | 19:13 |
| 2025 | May | 02 | (Fri) | 04:49 | 05:38 | 74 | 12:01 | 89S | 18:24 | 287 | 19:13 |

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

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

|                   |       |       |     |       |     |       |     |       |
|-------------------|-------|-------|-----|-------|-----|-------|-----|-------|
| 2025 Sep 14 (Sun) | 05:05 | 05:52 | 86  | 11:59 | 77S | 18:07 | 274 | 18:54 |
| 2025 Sep 15 (Mon) | 05:05 | 05:52 | 87  | 11:59 | 77S | 18:06 | 273 | 18:53 |
| 2025 Sep 16 (Tue) | 05:05 | 05:52 | 87  | 11:59 | 76S | 18:05 | 273 | 18:52 |
| 2025 Sep 17 (Wed) | 05:05 | 05:52 | 87  | 11:58 | 76S | 18:04 | 272 | 18:51 |
| 2025 Sep 18 (Thu) | 05:06 | 05:52 | 88  | 11:58 | 76S | 18:03 | 272 | 18:50 |
| 2025 Sep 19 (Fri) | 05:06 | 05:52 | 88  | 11:58 | 75S | 18:03 | 272 | 18:49 |
| 2025 Sep 20 (Sat) | 05:06 | 05:53 | 89  | 11:57 | 75S | 18:02 | 271 | 18:49 |
| 2025 Sep 21 (Sun) | 05:06 | 05:53 | 89  | 11:57 | 74S | 18:01 | 271 | 18:48 |
| 2025 Sep 22 (Mon) | 05:06 | 05:53 | 89  | 11:57 | 74S | 18:00 | 270 | 18:47 |
| 2025 Sep 23 (Tue) | 05:06 | 05:53 | 90  | 11:56 | 74S | 17:59 | 270 | 18:46 |
| 2025 Sep 24 (Wed) | 05:06 | 05:53 | 90  | 11:56 | 73S | 17:58 | 270 | 18:45 |
| 2025 Sep 25 (Thu) | 05:06 | 05:53 | 91  | 11:56 | 73S | 17:58 | 269 | 18:44 |
| 2025 Sep 26 (Fri) | 05:07 | 05:53 | 91  | 11:55 | 72S | 17:57 | 269 | 18:44 |
| 2025 Sep 27 (Sat) | 05:07 | 05:53 | 91  | 11:55 | 72S | 17:56 | 268 | 18:43 |
| 2025 Sep 28 (Sun) | 05:07 | 05:54 | 92  | 11:55 | 72S | 17:55 | 268 | 18:42 |
| 2025 Sep 29 (Mon) | 05:07 | 05:54 | 92  | 11:54 | 71S | 17:54 | 268 | 18:41 |
| 2025 Sep 30 (Tue) | 05:07 | 05:54 | 93  | 11:54 | 71S | 17:54 | 267 | 18:40 |
| 2025 Oct 01 (Wed) | 05:07 | 05:54 | 93  | 11:54 | 70S | 17:53 | 267 | 18:39 |
| 2025 Oct 02 (Thu) | 05:07 | 05:54 | 93  | 11:53 | 70S | 17:52 | 266 | 18:39 |
| 2025 Oct 03 (Fri) | 05:08 | 05:54 | 94  | 11:53 | 70S | 17:51 | 266 | 18:38 |
| 2025 Oct 04 (Sat) | 05:08 | 05:54 | 94  | 11:53 | 69S | 17:50 | 266 | 18:37 |
| 2025 Oct 05 (Sun) | 05:08 | 05:55 | 95  | 11:52 | 69S | 17:50 | 265 | 18:36 |
| 2025 Oct 06 (Mon) | 05:08 | 05:55 | 95  | 11:52 | 69S | 17:49 | 265 | 18:36 |
| 2025 Oct 07 (Tue) | 05:08 | 05:55 | 95  | 11:52 | 68S | 17:48 | 264 | 18:35 |
| 2025 Oct 08 (Wed) | 05:08 | 05:55 | 96  | 11:51 | 68S | 17:47 | 264 | 18:34 |
| 2025 Oct 09 (Thu) | 05:09 | 05:55 | 96  | 11:51 | 67S | 17:47 | 264 | 18:33 |
| 2025 Oct 10 (Fri) | 05:09 | 05:56 | 97  | 11:51 | 67S | 17:46 | 263 | 18:33 |
| 2025 Oct 11 (Sat) | 05:09 | 05:56 | 97  | 11:51 | 67S | 17:45 | 263 | 18:32 |
| 2025 Oct 12 (Sun) | 05:09 | 05:56 | 97  | 11:50 | 66S | 17:44 | 262 | 18:31 |
| 2025 Oct 13 (Mon) | 05:09 | 05:56 | 98  | 11:50 | 66S | 17:44 | 262 | 18:31 |
| 2025 Oct 14 (Tue) | 05:09 | 05:56 | 98  | 11:50 | 66S | 17:43 | 262 | 18:30 |
| 2025 Oct 15 (Wed) | 05:10 | 05:57 | 99  | 11:50 | 65S | 17:42 | 261 | 18:29 |
| 2025 Oct 16 (Thu) | 05:10 | 05:57 | 99  | 11:49 | 65S | 17:42 | 261 | 18:29 |
| 2025 Oct 17 (Fri) | 05:10 | 05:57 | 99  | 11:49 | 64S | 17:41 | 260 | 18:28 |
| 2025 Oct 18 (Sat) | 05:10 | 05:57 | 100 | 11:49 | 64S | 17:40 | 260 | 18:28 |
| 2025 Oct 19 (Sun) | 05:10 | 05:58 | 100 | 11:49 | 64S | 17:40 | 260 | 18:27 |
| 2025 Oct 20 (Mon) | 05:11 | 05:58 | 101 | 11:49 | 63S | 17:39 | 259 | 18:26 |
| 2025 Oct 21 (Tue) | 05:11 | 05:58 | 101 | 11:48 | 63S | 17:39 | 259 | 18:26 |
| 2025 Oct 22 (Wed) | 05:11 | 05:58 | 101 | 11:48 | 63S | 17:38 | 259 | 18:25 |
| 2025 Oct 23 (Thu) | 05:11 | 05:59 | 102 | 11:48 | 62S | 17:37 | 258 | 18:25 |
| 2025 Oct 24 (Fri) | 05:12 | 05:59 | 102 | 11:48 | 62S | 17:37 | 258 | 18:24 |
| 2025 Oct 25 (Sat) | 05:12 | 05:59 | 102 | 11:48 | 62S | 17:36 | 257 | 18:24 |
| 2025 Oct 26 (Sun) | 05:12 | 06:00 | 103 | 11:48 | 61S | 17:36 | 257 | 18:23 |
| 2025 Oct 27 (Mon) | 05:12 | 06:00 | 103 | 11:48 | 61S | 17:35 | 257 | 18:23 |
| 2025 Oct 28 (Tue) | 05:13 | 06:00 | 103 | 11:48 | 61S | 17:35 | 256 | 18:22 |
| 2025 Oct 29 (Wed) | 05:13 | 06:01 | 104 | 11:48 | 60S | 17:34 | 256 | 18:22 |
| 2025 Oct 30 (Thu) | 05:13 | 06:01 | 104 | 11:48 | 60S | 17:34 | 256 | 18:22 |
| 2025 Oct 31 (Fri) | 05:14 | 06:01 | 104 | 11:47 | 60S | 17:33 | 255 | 18:21 |
| 2025 Nov 01 (Sat) | 05:14 | 06:02 | 105 | 11:47 | 59S | 17:33 | 255 | 18:21 |
| 2025 Nov 02 (Sun) | 05:14 | 06:02 | 105 | 11:47 | 59S | 17:32 | 255 | 18:20 |
| 2025 Nov 03 (Mon) | 05:15 | 06:03 | 105 | 11:47 | 59S | 17:32 | 254 | 18:20 |
| 2025 Nov 04 (Tue) | 05:15 | 06:03 | 106 | 11:47 | 58S | 17:32 | 254 | 18:20 |
| 2025 Nov 05 (Wed) | 05:15 | 06:03 | 106 | 11:47 | 58S | 17:31 | 254 | 18:19 |
| 2025 Nov 06 (Thu) | 05:16 | 06:04 | 106 | 11:47 | 58S | 17:31 | 253 | 18:19 |
| 2025 Nov 07 (Fri) | 05:16 | 06:04 | 107 | 11:48 | 57S | 17:31 | 253 | 18:19 |
| 2025 Nov 08 (Sat) | 05:16 | 06:05 | 107 | 11:48 | 57S | 17:30 | 253 | 18:19 |
| 2025 Nov 09 (Sun) | 05:17 | 06:05 | 107 | 11:48 | 57S | 17:30 | 252 | 18:18 |
| 2025 Nov 10 (Mon) | 05:17 | 06:06 | 108 | 11:48 | 57S | 17:30 | 252 | 18:18 |
| 2025 Nov 11 (Tue) | 05:17 | 06:06 | 108 | 11:48 | 56S | 17:29 | 252 | 18:18 |
| 2025 Nov 12 (Wed) | 05:18 | 06:07 | 108 | 11:48 | 56S | 17:29 | 252 | 18:18 |
| 2025 Nov 13 (Thu) | 05:18 | 06:07 | 109 | 11:48 | 56S | 17:29 | 251 | 18:18 |
| 2025 Nov 14 (Fri) | 05:19 | 06:08 | 109 | 11:48 | 55S | 17:29 | 251 | 18:18 |
| 2025 Nov 15 (Sat) | 05:19 | 06:08 | 109 | 11:48 | 55S | 17:29 | 251 | 18:18 |
| 2025 Nov 16 (Sun) | 05:20 | 06:09 | 109 | 11:49 | 55S | 17:28 | 251 | 18:17 |
| 2025 Nov 17 (Mon) | 05:20 | 06:09 | 110 | 11:49 | 55S | 17:28 | 250 | 18:17 |
| 2025 Nov 18 (Tue) | 05:20 | 06:10 | 110 | 11:49 | 54S | 17:28 | 250 | 18:17 |
| 2025 Nov 19 (Wed) | 05:21 | 06:10 | 110 | 11:49 | 54S | 17:28 | 250 | 18:17 |

|                   |       |       |     |       |     |       |     |       |
|-------------------|-------|-------|-----|-------|-----|-------|-----|-------|
| 2025 Nov 20 (Thu) | 05:21 | 06:11 | 110 | 11:49 | 54S | 17:28 | 250 | 18:17 |
| 2025 Nov 21 (Fri) | 05:22 | 06:11 | 111 | 11:50 | 54S | 17:28 | 249 | 18:17 |
| 2025 Nov 22 (Sat) | 05:22 | 06:12 | 111 | 11:50 | 54S | 17:28 | 249 | 18:17 |
| 2025 Nov 23 (Sun) | 05:23 | 06:12 | 111 | 11:50 | 53S | 17:28 | 249 | 18:17 |
| 2025 Nov 24 (Mon) | 05:23 | 06:13 | 111 | 11:51 | 53S | 17:28 | 249 | 18:18 |
| 2025 Nov 25 (Tue) | 05:24 | 06:14 | 111 | 11:51 | 53S | 17:28 | 248 | 18:18 |
| 2025 Nov 26 (Wed) | 05:24 | 06:14 | 112 | 11:51 | 53S | 17:28 | 248 | 18:18 |
| 2025 Nov 27 (Thu) | 05:25 | 06:15 | 112 | 11:51 | 53S | 17:28 | 248 | 18:18 |
| 2025 Nov 28 (Fri) | 05:25 | 06:15 | 112 | 11:52 | 52S | 17:28 | 248 | 18:18 |
| 2025 Nov 29 (Sat) | 05:26 | 06:16 | 112 | 11:52 | 52S | 17:28 | 248 | 18:18 |
| 2025 Nov 30 (Sun) | 05:26 | 06:16 | 112 | 11:52 | 52S | 17:28 | 248 | 18:18 |
| 2025 Dec 01 (Mon) | 05:27 | 06:17 | 113 | 11:53 | 52S | 17:29 | 247 | 18:19 |
| 2025 Dec 02 (Tue) | 05:28 | 06:18 | 113 | 11:53 | 52S | 17:29 | 247 | 18:19 |
| 2025 Dec 03 (Wed) | 05:28 | 06:18 | 113 | 11:54 | 52S | 17:29 | 247 | 18:19 |
| 2025 Dec 04 (Thu) | 05:29 | 06:19 | 113 | 11:54 | 51S | 17:29 | 247 | 18:19 |
| 2025 Dec 05 (Fri) | 05:29 | 06:19 | 113 | 11:54 | 51S | 17:29 | 247 | 18:20 |
| 2025 Dec 06 (Sat) | 05:30 | 06:20 | 113 | 11:55 | 51S | 17:30 | 247 | 18:20 |
| 2025 Dec 07 (Sun) | 05:30 | 06:21 | 113 | 11:55 | 51S | 17:30 | 247 | 18:20 |
| 2025 Dec 08 (Mon) | 05:31 | 06:21 | 114 | 11:56 | 51S | 17:30 | 246 | 18:21 |
| 2025 Dec 09 (Tue) | 05:31 | 06:22 | 114 | 11:56 | 51S | 17:30 | 246 | 18:21 |
| 2025 Dec 10 (Wed) | 05:32 | 06:22 | 114 | 11:57 | 51S | 17:31 | 246 | 18:21 |
| 2025 Dec 11 (Thu) | 05:32 | 06:23 | 114 | 11:57 | 51S | 17:31 | 246 | 18:22 |
| 2025 Dec 12 (Fri) | 05:33 | 06:23 | 114 | 11:58 | 51S | 17:32 | 246 | 18:22 |
| 2025 Dec 13 (Sat) | 05:34 | 06:24 | 114 | 11:58 | 51S | 17:32 | 246 | 18:22 |
| 2025 Dec 14 (Sun) | 05:34 | 06:25 | 114 | 11:58 | 51S | 17:32 | 246 | 18:23 |
| 2025 Dec 15 (Mon) | 05:35 | 06:25 | 114 | 11:59 | 50S | 17:33 | 246 | 18:23 |
| 2025 Dec 16 (Tue) | 05:35 | 06:26 | 114 | 11:59 | 50S | 17:33 | 246 | 18:24 |
| 2025 Dec 17 (Wed) | 05:36 | 06:26 | 114 | 12:00 | 50S | 17:34 | 246 | 18:24 |
| 2025 Dec 18 (Thu) | 05:36 | 06:27 | 114 | 12:00 | 50S | 17:34 | 246 | 18:25 |
| 2025 Dec 19 (Fri) | 05:37 | 06:27 | 114 | 12:01 | 50S | 17:34 | 246 | 18:25 |
| 2025 Dec 20 (Sat) | 05:37 | 06:28 | 114 | 12:01 | 50S | 17:35 | 246 | 18:26 |
| 2025 Dec 21 (Sun) | 05:38 | 06:28 | 114 | 12:02 | 50S | 17:35 | 246 | 18:26 |
| 2025 Dec 22 (Mon) | 05:38 | 06:29 | 114 | 12:02 | 50S | 17:36 | 246 | 18:27 |
| 2025 Dec 23 (Tue) | 05:39 | 06:29 | 114 | 12:03 | 50S | 17:36 | 246 | 18:27 |
| 2025 Dec 24 (Wed) | 05:39 | 06:30 | 114 | 12:03 | 50S | 17:37 | 246 | 18:28 |
| 2025 Dec 25 (Thu) | 05:40 | 06:30 | 114 | 12:04 | 50S | 17:38 | 246 | 18:28 |
| 2025 Dec 26 (Fri) | 05:40 | 06:31 | 114 | 12:04 | 50S | 17:38 | 246 | 18:29 |
| 2025 Dec 27 (Sat) | 05:41 | 06:31 | 114 | 12:05 | 50S | 17:39 | 246 | 18:29 |
| 2025 Dec 28 (Sun) | 05:41 | 06:32 | 114 | 12:05 | 50S | 17:39 | 246 | 18:30 |
| 2025 Dec 29 (Mon) | 05:41 | 06:32 | 114 | 12:06 | 51S | 17:40 | 246 | 18:30 |
| 2025 Dec 30 (Tue) | 05:42 | 06:32 | 114 | 12:06 | 51S | 17:40 | 246 | 18:31 |
| 2025 Dec 31 (Wed) | 05:42 | 06:33 | 114 | 12:07 | 51S | 17:41 | 246 | 18:31 |

Sun

Phuphan

Location: E104°02'31.2", N16°58'08.4", 0m  
(Longitude referred to Greenwich meridian)

Time Zone: 7h 00m east of Greenwich

| Date<br>(Zone)    | Begin<br>Civil<br>Twilight<br>h m | Rise<br>h m ° | Az.<br>° | Transit Alt.<br>h m ° | Set<br>h m ° | Az.<br>° | End<br>Civil<br>Twilight<br>h m |       |
|-------------------|-----------------------------------|---------------|----------|-----------------------|--------------|----------|---------------------------------|-------|
| 2025 Jan 01 (Wed) | 06:10                             | 06:33         | 114      | 12:07                 | 51S          | 17:42    | 246                             | 18:05 |
| 2025 Jan 02 (Thu) | 06:10                             | 06:34         | 114      | 12:08                 | 51S          | 17:42    | 246                             | 18:06 |
| 2025 Jan 03 (Fri) | 06:10                             | 06:34         | 114      | 12:08                 | 51S          | 17:43    | 246                             | 18:06 |
| 2025 Jan 04 (Sat) | 06:11                             | 06:34         | 114      | 12:09                 | 51S          | 17:43    | 247                             | 18:07 |
| 2025 Jan 05 (Sun) | 06:11                             | 06:35         | 113      | 12:09                 | 51S          | 17:44    | 247                             | 18:07 |
| 2025 Jan 06 (Mon) | 06:11                             | 06:35         | 113      | 12:10                 | 51S          | 17:45    | 247                             | 18:08 |
| 2025 Jan 07 (Tue) | 06:12                             | 06:35         | 113      | 12:10                 | 51S          | 17:45    | 247                             | 18:09 |
| 2025 Jan 08 (Wed) | 06:12                             | 06:35         | 113      | 12:11                 | 52S          | 17:46    | 247                             | 18:09 |
| 2025 Jan 09 (Thu) | 06:12                             | 06:36         | 113      | 12:11                 | 52S          | 17:46    | 247                             | 18:10 |
| 2025 Jan 10 (Fri) | 06:12                             | 06:36         | 113      | 12:11                 | 52S          | 17:47    | 247                             | 18:10 |
| 2025 Jan 11 (Sat) | 06:13                             | 06:36         | 113      | 12:12                 | 52S          | 17:48    | 248                             | 18:11 |
| 2025 Jan 12 (Sun) | 06:13                             | 06:36         | 112      | 12:12                 | 52S          | 17:48    | 248                             | 18:12 |

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

|                   |       |       |    |           |           |       |
|-------------------|-------|-------|----|-----------|-----------|-------|
| 2025 Mar 21 (Fri) | 05:46 | 06:07 | 90 | 12:11 74S | 18:15 271 | 18:37 |
| 2025 Mar 22 (Sat) | 05:45 | 06:07 | 89 | 12:11 74S | 18:15 271 | 18:37 |
| 2025 Mar 23 (Sun) | 05:44 | 06:06 | 89 | 12:10 75S | 18:15 272 | 18:37 |
| 2025 Mar 24 (Mon) | 05:43 | 06:05 | 88 | 12:10 75S | 18:15 272 | 18:37 |
| 2025 Mar 25 (Tue) | 05:43 | 06:04 | 88 | 12:10 76S | 18:16 272 | 18:37 |
| 2025 Mar 26 (Wed) | 05:42 | 06:03 | 87 | 12:09 76S | 18:16 273 | 18:37 |
| 2025 Mar 27 (Thu) | 05:41 | 06:03 | 87 | 12:09 76S | 18:16 273 | 18:38 |
| 2025 Mar 28 (Fri) | 05:40 | 06:02 | 87 | 12:09 77S | 18:16 274 | 18:38 |
| 2025 Mar 29 (Sat) | 05:39 | 06:01 | 86 | 12:09 77S | 18:16 274 | 18:38 |
| 2025 Mar 30 (Sun) | 05:39 | 06:00 | 86 | 12:08 78S | 18:17 274 | 18:38 |
| 2025 Mar 31 (Mon) | 05:38 | 06:00 | 85 | 12:08 78S | 18:17 275 | 18:38 |
| 2025 Apr 01 (Tue) | 05:37 | 05:59 | 85 | 12:08 78S | 18:17 275 | 18:39 |
| 2025 Apr 02 (Wed) | 05:36 | 05:58 | 85 | 12:07 79S | 18:17 276 | 18:39 |
| 2025 Apr 03 (Thu) | 05:35 | 05:57 | 84 | 12:07 79S | 18:17 276 | 18:39 |
| 2025 Apr 04 (Fri) | 05:35 | 05:56 | 84 | 12:07 80S | 18:17 276 | 18:39 |
| 2025 Apr 05 (Sat) | 05:34 | 05:56 | 83 | 12:07 80S | 18:18 277 | 18:39 |
| 2025 Apr 06 (Sun) | 05:33 | 05:55 | 83 | 12:06 80S | 18:18 277 | 18:40 |
| 2025 Apr 07 (Mon) | 05:32 | 05:54 | 83 | 12:06 81S | 18:18 278 | 18:40 |
| 2025 Apr 08 (Tue) | 05:32 | 05:53 | 82 | 12:06 81S | 18:18 278 | 18:40 |
| 2025 Apr 09 (Wed) | 05:31 | 05:53 | 82 | 12:05 81S | 18:18 278 | 18:40 |
| 2025 Apr 10 (Thu) | 05:30 | 05:52 | 81 | 12:05 82S | 18:19 279 | 18:41 |
| 2025 Apr 11 (Fri) | 05:29 | 05:51 | 81 | 12:05 82S | 18:19 279 | 18:41 |
| 2025 Apr 12 (Sat) | 05:29 | 05:50 | 81 | 12:05 83S | 18:19 280 | 18:41 |
| 2025 Apr 13 (Sun) | 05:28 | 05:50 | 80 | 12:04 83S | 18:19 280 | 18:41 |
| 2025 Apr 14 (Mon) | 05:27 | 05:49 | 80 | 12:04 83S | 18:19 280 | 18:41 |
| 2025 Apr 15 (Tue) | 05:26 | 05:48 | 80 | 12:04 84S | 18:20 281 | 18:42 |
| 2025 Apr 16 (Wed) | 05:26 | 05:48 | 79 | 12:04 84S | 18:20 281 | 18:42 |
| 2025 Apr 17 (Thu) | 05:25 | 05:47 | 79 | 12:03 84S | 18:20 281 | 18:42 |
| 2025 Apr 18 (Fri) | 05:24 | 05:46 | 78 | 12:03 85S | 18:20 282 | 18:42 |
| 2025 Apr 19 (Sat) | 05:23 | 05:46 | 78 | 12:03 85S | 18:20 282 | 18:43 |
| 2025 Apr 20 (Sun) | 05:23 | 05:45 | 78 | 12:03 85S | 18:21 282 | 18:43 |
| 2025 Apr 21 (Mon) | 05:22 | 05:44 | 77 | 12:03 86S | 18:21 283 | 18:43 |
| 2025 Apr 22 (Tue) | 05:21 | 05:44 | 77 | 12:02 86S | 18:21 283 | 18:43 |
| 2025 Apr 23 (Wed) | 05:21 | 05:43 | 77 | 12:02 86S | 18:21 284 | 18:44 |
| 2025 Apr 24 (Thu) | 05:20 | 05:42 | 76 | 12:02 87S | 18:22 284 | 18:44 |
| 2025 Apr 25 (Fri) | 05:20 | 05:42 | 76 | 12:02 87S | 18:22 284 | 18:44 |
| 2025 Apr 26 (Sat) | 05:19 | 05:41 | 76 | 12:02 87S | 18:22 285 | 18:45 |
| 2025 Apr 27 (Sun) | 05:18 | 05:41 | 75 | 12:01 88S | 18:22 285 | 18:45 |
| 2025 Apr 28 (Mon) | 05:18 | 05:40 | 75 | 12:01 88S | 18:23 285 | 18:45 |
| 2025 Apr 29 (Tue) | 05:17 | 05:40 | 75 | 12:01 88S | 18:23 286 | 18:46 |
| 2025 Apr 30 (Wed) | 05:16 | 05:39 | 74 | 12:01 89S | 18:23 286 | 18:46 |
| 2025 May 01 (Thu) | 05:16 | 05:39 | 74 | 12:01 89S | 18:24 286 | 18:46 |
| 2025 May 02 (Fri) | 05:15 | 05:38 | 74 | 12:01 89S | 18:24 287 | 18:47 |
| 2025 May 03 (Sat) | 05:15 | 05:37 | 73 | 12:01 89S | 18:24 287 | 18:47 |
| 2025 May 04 (Sun) | 05:14 | 05:37 | 73 | 12:01 90S | 18:24 287 | 18:47 |
| 2025 May 05 (Mon) | 05:14 | 05:37 | 73 | 12:01 90S | 18:25 287 | 18:48 |
| 2025 May 06 (Tue) | 05:13 | 05:36 | 72 | 12:00 90S | 18:25 288 | 18:48 |
| 2025 May 07 (Wed) | 05:13 | 05:36 | 72 | 12:00 91S | 18:25 288 | 18:48 |
| 2025 May 08 (Thu) | 05:12 | 05:35 | 72 | 12:00 91N | 18:26 288 | 18:49 |
| 2025 May 09 (Fri) | 05:12 | 05:35 | 72 | 12:00 90N | 18:26 289 | 18:49 |
| 2025 May 10 (Sat) | 05:11 | 05:34 | 71 | 12:00 90N | 18:26 289 | 18:49 |
| 2025 May 11 (Sun) | 05:11 | 05:34 | 71 | 12:00 90N | 18:27 289 | 18:50 |
| 2025 May 12 (Mon) | 05:11 | 05:34 | 71 | 12:00 89N | 18:27 289 | 18:50 |
| 2025 May 13 (Tue) | 05:10 | 05:33 | 70 | 12:00 89N | 18:27 290 | 18:50 |
| 2025 May 14 (Wed) | 05:10 | 05:33 | 70 | 12:00 89N | 18:28 290 | 18:51 |
| 2025 May 15 (Thu) | 05:09 | 05:33 | 70 | 12:00 89N | 18:28 290 | 18:51 |
| 2025 May 16 (Fri) | 05:09 | 05:32 | 70 | 12:00 89N | 18:28 290 | 18:52 |
| 2025 May 17 (Sat) | 05:09 | 05:32 | 69 | 12:00 88N | 18:29 291 | 18:52 |
| 2025 May 18 (Sun) | 05:08 | 05:32 | 69 | 12:00 88N | 18:29 291 | 18:52 |
| 2025 May 19 (Mon) | 05:08 | 05:31 | 69 | 12:00 88N | 18:29 291 | 18:53 |
| 2025 May 20 (Tue) | 05:08 | 05:31 | 69 | 12:00 88N | 18:30 291 | 18:53 |
| 2025 May 21 (Wed) | 05:08 | 05:31 | 69 | 12:00 87N | 18:30 292 | 18:53 |
| 2025 May 22 (Thu) | 05:07 | 05:31 | 68 | 12:00 87N | 18:30 292 | 18:54 |
| 2025 May 23 (Fri) | 05:07 | 05:31 | 68 | 12:01 87N | 18:31 292 | 18:54 |
| 2025 May 24 (Sat) | 05:07 | 05:30 | 68 | 12:01 87N | 18:31 292 | 18:55 |
| 2025 May 25 (Sun) | 05:07 | 05:30 | 68 | 12:01 87N | 18:31 292 | 18:55 |
| 2025 May 26 (Mon) | 05:06 | 05:30 | 68 | 12:01 87N | 18:32 293 | 18:55 |



|      |     |    |       |       |       |    |       |     |       |     |       |
|------|-----|----|-------|-------|-------|----|-------|-----|-------|-----|-------|
| 2025 | May | 27 | (Tue) | 05:06 | 05:30 | 67 | 12:01 | 86N | 18:32 | 293 | 18:56 |
| 2025 | May | 28 | (Wed) | 05:06 | 05:30 | 67 | 12:01 | 86N | 18:33 | 293 | 18:56 |
| 2025 | May | 29 | (Thu) | 05:06 | 05:30 | 67 | 12:01 | 86N | 18:33 | 293 | 18:57 |
| 2025 | May | 30 | (Fri) | 05:06 | 05:30 | 67 | 12:01 | 86N | 18:33 | 293 | 18:57 |
| 2025 | May | 31 | (Sat) | 05:06 | 05:30 | 67 | 12:02 | 86N | 18:34 | 293 | 18:57 |
| 2025 | Jun | 01 | (Sun) | 05:06 | 05:29 | 67 | 12:02 | 86N | 18:34 | 293 | 18:58 |
| 2025 | Jun | 02 | (Mon) | 05:06 | 05:29 | 66 | 12:02 | 85N | 18:34 | 294 | 18:58 |
| 2025 | Jun | 03 | (Tue) | 05:06 | 05:29 | 66 | 12:02 | 85N | 18:35 | 294 | 18:58 |
| 2025 | Jun | 04 | (Wed) | 05:06 | 05:29 | 66 | 12:02 | 85N | 18:35 | 294 | 18:59 |
| 2025 | Jun | 05 | (Thu) | 05:06 | 05:29 | 66 | 12:02 | 85N | 18:35 | 294 | 18:59 |
| 2025 | Jun | 06 | (Fri) | 05:06 | 05:29 | 66 | 12:03 | 85N | 18:36 | 294 | 19:00 |
| 2025 | Jun | 07 | (Sat) | 05:06 | 05:29 | 66 | 12:03 | 85N | 18:36 | 294 | 19:00 |
| 2025 | Jun | 08 | (Sun) | 05:06 | 05:30 | 66 | 12:03 | 85N | 18:36 | 294 | 19:00 |
| 2025 | Jun | 09 | (Mon) | 05:06 | 05:30 | 66 | 12:03 | 85N | 18:37 | 294 | 19:01 |
| 2025 | Jun | 10 | (Tue) | 05:06 | 05:30 | 66 | 12:03 | 85N | 18:37 | 294 | 19:01 |
| 2025 | Jun | 11 | (Wed) | 05:06 | 05:30 | 66 | 12:03 | 85N | 18:37 | 295 | 19:01 |
| 2025 | Jun | 12 | (Thu) | 05:06 | 05:30 | 65 | 12:04 | 85N | 18:38 | 295 | 19:02 |
| 2025 | Jun | 13 | (Fri) | 05:06 | 05:30 | 65 | 12:04 | 84N | 18:38 | 295 | 19:02 |
| 2025 | Jun | 14 | (Sat) | 05:06 | 05:30 | 65 | 12:04 | 84N | 18:38 | 295 | 19:02 |
| 2025 | Jun | 15 | (Sun) | 05:06 | 05:30 | 65 | 12:04 | 84N | 18:38 | 295 | 19:02 |
| 2025 | Jun | 16 | (Mon) | 05:06 | 05:30 | 65 | 12:05 | 84N | 18:39 | 295 | 19:03 |
| 2025 | Jun | 17 | (Tue) | 05:07 | 05:31 | 65 | 12:05 | 84N | 18:39 | 295 | 19:03 |
| 2025 | Jun | 18 | (Wed) | 05:07 | 05:31 | 65 | 12:05 | 84N | 18:39 | 295 | 19:03 |
| 2025 | Jun | 19 | (Thu) | 05:07 | 05:31 | 65 | 12:05 | 84N | 18:39 | 295 | 19:03 |
| 2025 | Jun | 20 | (Fri) | 05:07 | 05:31 | 65 | 12:05 | 84N | 18:40 | 295 | 19:04 |
| 2025 | Jun | 21 | (Sat) | 05:07 | 05:31 | 65 | 12:06 | 84N | 18:40 | 295 | 19:04 |
| 2025 | Jun | 22 | (Sun) | 05:08 | 05:32 | 65 | 12:06 | 84N | 18:40 | 295 | 19:04 |
| 2025 | Jun | 23 | (Mon) | 05:08 | 05:32 | 65 | 12:06 | 84N | 18:40 | 295 | 19:04 |
| 2025 | Jun | 24 | (Tue) | 05:08 | 05:32 | 65 | 12:06 | 84N | 18:41 | 295 | 19:05 |
| 2025 | Jun | 25 | (Wed) | 05:08 | 05:32 | 65 | 12:07 | 84N | 18:41 | 295 | 19:05 |
| 2025 | Jun | 26 | (Thu) | 05:09 | 05:33 | 65 | 12:07 | 84N | 18:41 | 295 | 19:05 |
| 2025 | Jun | 27 | (Fri) | 05:09 | 05:33 | 65 | 12:07 | 84N | 18:41 | 295 | 19:05 |
| 2025 | Jun | 28 | (Sat) | 05:09 | 05:33 | 65 | 12:07 | 84N | 18:41 | 295 | 19:05 |
| 2025 | Jun | 29 | (Sun) | 05:09 | 05:33 | 65 | 12:07 | 84N | 18:41 | 295 | 19:05 |
| 2025 | Jun | 30 | (Mon) | 05:10 | 05:34 | 65 | 12:08 | 85N | 18:41 | 295 | 19:05 |
| 2025 | Jul | 01 | (Tue) | 05:10 | 05:34 | 65 | 12:08 | 85N | 18:41 | 294 | 19:05 |
| 2025 | Jul | 02 | (Wed) | 05:10 | 05:34 | 66 | 12:08 | 85N | 18:42 | 294 | 19:05 |
| 2025 | Jul | 03 | (Thu) | 05:11 | 05:35 | 66 | 12:08 | 85N | 18:42 | 294 | 19:05 |
| 2025 | Jul | 04 | (Fri) | 05:11 | 05:35 | 66 | 12:08 | 85N | 18:42 | 294 | 19:06 |
| 2025 | Jul | 05 | (Sat) | 05:11 | 05:35 | 66 | 12:08 | 85N | 18:42 | 294 | 19:06 |
| 2025 | Jul | 06 | (Sun) | 05:12 | 05:36 | 66 | 12:09 | 85N | 18:42 | 294 | 19:06 |
| 2025 | Jul | 07 | (Mon) | 05:12 | 05:36 | 66 | 12:09 | 85N | 18:42 | 294 | 19:06 |
| 2025 | Jul | 08 | (Tue) | 05:12 | 05:36 | 66 | 12:09 | 85N | 18:42 | 294 | 19:05 |
| 2025 | Jul | 09 | (Wed) | 05:13 | 05:36 | 66 | 12:09 | 85N | 18:42 | 294 | 19:05 |
| 2025 | Jul | 10 | (Thu) | 05:13 | 05:37 | 66 | 12:09 | 85N | 18:42 | 294 | 19:05 |
| 2025 | Jul | 11 | (Fri) | 05:13 | 05:37 | 67 | 12:09 | 86N | 18:42 | 293 | 19:05 |
| 2025 | Jul | 12 | (Sat) | 05:14 | 05:37 | 67 | 12:10 | 86N | 18:41 | 293 | 19:05 |
| 2025 | Jul | 13 | (Sun) | 05:14 | 05:38 | 67 | 12:10 | 86N | 18:41 | 293 | 19:05 |
| 2025 | Jul | 14 | (Mon) | 05:14 | 05:38 | 67 | 12:10 | 86N | 18:41 | 293 | 19:05 |
| 2025 | Jul | 15 | (Tue) | 05:15 | 05:38 | 67 | 12:10 | 86N | 18:41 | 293 | 19:05 |
| 2025 | Jul | 16 | (Wed) | 05:15 | 05:39 | 67 | 12:10 | 86N | 18:41 | 293 | 19:05 |
| 2025 | Jul | 17 | (Thu) | 05:16 | 05:39 | 68 | 12:10 | 87N | 18:41 | 292 | 19:04 |
| 2025 | Jul | 18 | (Fri) | 05:16 | 05:39 | 68 | 12:10 | 87N | 18:41 | 292 | 19:04 |
| 2025 | Jul | 19 | (Sat) | 05:16 | 05:40 | 68 | 12:10 | 87N | 18:40 | 292 | 19:04 |
| 2025 | Jul | 20 | (Sun) | 05:17 | 05:40 | 68 | 12:10 | 87N | 18:40 | 292 | 19:04 |
| 2025 | Jul | 21 | (Mon) | 05:17 | 05:40 | 68 | 12:10 | 87N | 18:40 | 292 | 19:03 |
| 2025 | Jul | 22 | (Tue) | 05:17 | 05:41 | 68 | 12:10 | 87N | 18:40 | 291 | 19:03 |
| 2025 | Jul | 23 | (Wed) | 05:18 | 05:41 | 69 | 12:10 | 88N | 18:40 | 291 | 19:03 |
| 2025 | Jul | 24 | (Thu) | 05:18 | 05:41 | 69 | 12:10 | 88N | 18:39 | 291 | 19:03 |
| 2025 | Jul | 25 | (Fri) | 05:18 | 05:42 | 69 | 12:10 | 88N | 18:39 | 291 | 19:02 |
| 2025 | Jul | 26 | (Sat) | 05:19 | 05:42 | 69 | 12:10 | 88N | 18:39 | 291 | 19:02 |
| 2025 | Jul | 27 | (Sun) | 05:19 | 05:42 | 70 | 12:10 | 89N | 18:38 | 290 | 19:02 |
| 2025 | Jul | 28 | (Mon) | 05:19 | 05:43 | 70 | 12:10 | 89N | 18:38 | 290 | 19:01 |
| 2025 | Jul | 29 | (Tue) | 05:20 | 05:43 | 70 | 12:10 | 89N | 18:38 | 290 | 19:01 |
| 2025 | Jul | 30 | (Wed) | 05:20 | 05:43 | 70 | 12:10 | 89N | 18:37 | 290 | 19:00 |
| 2025 | Jul | 31 | (Thu) | 05:20 | 05:44 | 71 | 12:10 | 89N | 18:37 | 289 | 19:00 |
| 2025 | Aug | 01 | (Fri) | 05:21 | 05:44 | 71 | 12:10 | 90N | 18:36 | 289 | 18:59 |

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

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

|      |        |       |       |       |     |       |     |       |     |       |
|------|--------|-------|-------|-------|-----|-------|-----|-------|-----|-------|
| 2025 | Dec 14 | (Sun) | 06:01 | 06:25 | 114 | 11:58 | 51S | 17:32 | 246 | 17:56 |
| 2025 | Dec 15 | (Mon) | 06:02 | 06:25 | 114 | 11:59 | 50S | 17:33 | 246 | 17:56 |
| 2025 | Dec 16 | (Tue) | 06:02 | 06:26 | 114 | 11:59 | 50S | 17:33 | 246 | 17:57 |
| 2025 | Dec 17 | (Wed) | 06:03 | 06:26 | 114 | 12:00 | 50S | 17:34 | 246 | 17:57 |
| 2025 | Dec 18 | (Thu) | 06:03 | 06:27 | 114 | 12:00 | 50S | 17:34 | 246 | 17:58 |
| 2025 | Dec 19 | (Fri) | 06:04 | 06:27 | 114 | 12:01 | 50S | 17:34 | 246 | 17:58 |
| 2025 | Dec 20 | (Sat) | 06:04 | 06:28 | 114 | 12:01 | 50S | 17:35 | 246 | 17:58 |
| 2025 | Dec 21 | (Sun) | 06:05 | 06:28 | 114 | 12:02 | 50S | 17:35 | 246 | 17:59 |
| 2025 | Dec 22 | (Mon) | 06:05 | 06:29 | 114 | 12:02 | 50S | 17:36 | 246 | 17:59 |
| 2025 | Dec 23 | (Tue) | 06:06 | 06:29 | 114 | 12:03 | 50S | 17:36 | 246 | 18:00 |
| 2025 | Dec 24 | (Wed) | 06:06 | 06:30 | 114 | 12:03 | 50S | 17:37 | 246 | 18:01 |
| 2025 | Dec 25 | (Thu) | 06:07 | 06:30 | 114 | 12:04 | 50S | 17:38 | 246 | 18:01 |
| 2025 | Dec 26 | (Fri) | 06:07 | 06:31 | 114 | 12:04 | 50S | 17:38 | 246 | 18:02 |
| 2025 | Dec 27 | (Sat) | 06:08 | 06:31 | 114 | 12:05 | 50S | 17:39 | 246 | 18:02 |
| 2025 | Dec 28 | (Sun) | 06:08 | 06:32 | 114 | 12:05 | 50S | 17:39 | 246 | 18:03 |
| 2025 | Dec 29 | (Mon) | 06:08 | 06:32 | 114 | 12:06 | 51S | 17:40 | 246 | 18:03 |
| 2025 | Dec 30 | (Tue) | 06:09 | 06:32 | 114 | 12:06 | 51S | 17:40 | 246 | 18:04 |
| 2025 | Dec 31 | (Wed) | 06:09 | 06:33 | 114 | 12:07 | 51S | 17:41 | 246 | 18:04 |

# Moon

## Phuphan

Location: E104°02'31.2", N16°58'08.4", 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     | °   |
| 2025 Jan 01 (Wed) | 07:43 | 117 | 13:21   | 48S  | 19:02 | 245 |
| 2025 Jan 02 (Thu) | 08:32 | 113 | 14:16   | 52S  | 20:02 | 249 |
| 2025 Jan 03 (Fri) | 09:18 | 108 | 15:07   | 58S  | 21:01 | 255 |
| 2025 Jan 04 (Sat) | 09:59 | 101 | 15:56   | 64S  | 21:58 | 262 |
| 2025 Jan 05 (Sun) | 10:38 | 95  | 16:44   | 71S  | 22:54 | 269 |
| 2025 Jan 06 (Mon) | 11:17 | 87  | 17:31   | 78S  | 23:50 | 276 |
| 2025 Jan 07 (Tue) | 11:56 | 80  | 18:19   | 85S  |       |     |
| 2025 Jan 08 (Wed) | 12:37 | 74  | 19:10   | 90N  | 00:47 | 283 |
| 2025 Jan 09 (Thu) | 13:23 | 68  | 20:04   | 85N  | 01:47 | 290 |
| 2025 Jan 10 (Fri) | 14:14 | 64  | 21:02   | 81N  | 02:49 | 295 |
| 2025 Jan 11 (Sat) | 15:10 | 61  | 22:03   | 79N  | 03:54 | 298 |
| 2025 Jan 12 (Sun) | 16:11 | 60  | 23:05   | 79N  | 04:58 | 300 |
| 2025 Jan 13 (Mon) | 17:13 | 62  |         |      | 05:58 | 299 |
| 2025 Jan 14 (Tue) | 18:14 | 65  | 00:04   | 81N  | 06:53 | 297 |
| 2025 Jan 15 (Wed) | 19:12 | 69  | 00:59   | 85N  | 07:41 | 293 |
| 2025 Jan 16 (Thu) | 20:06 | 75  | 01:49   | 89N  | 08:23 | 288 |
| 2025 Jan 17 (Fri) | 20:57 | 81  | 02:35   | 87S  | 09:01 | 282 |
| 2025 Jan 18 (Sat) | 21:45 | 87  | 03:18   | 81S  | 09:35 | 276 |
| 2025 Jan 19 (Sun) | 22:32 | 93  | 03:58   | 75S  | 10:08 | 270 |
| 2025 Jan 20 (Mon) | 23:18 | 99  | 04:37   | 69S  | 10:39 | 264 |
| 2025 Jan 21 (Tue) |       |     | 05:17   | 63S  | 11:12 | 258 |
| 2025 Jan 22 (Wed) | 00:06 | 105 | 05:58   | 58S  | 11:47 | 253 |
| 2025 Jan 23 (Thu) | 00:55 | 110 | 06:41   | 53S  | 12:24 | 248 |
| 2025 Jan 24 (Fri) | 01:47 | 114 | 07:28   | 49S  | 13:06 | 244 |
| 2025 Jan 25 (Sat) | 02:42 | 118 | 08:19   | 46S  | 13:54 | 241 |
| 2025 Jan 26 (Sun) | 03:39 | 120 | 09:13   | 45S  | 14:47 | 240 |
| 2025 Jan 27 (Mon) | 04:36 | 120 | 10:10   | 45S  | 15:45 | 241 |
| 2025 Jan 28 (Tue) | 05:32 | 118 | 11:08   | 47S  | 16:47 | 243 |
| 2025 Jan 29 (Wed) | 06:24 | 115 | 12:05   | 50S  | 17:49 | 247 |
| 2025 Jan 30 (Thu) | 07:11 | 110 | 12:59   | 55S  | 18:50 | 253 |
| 2025 Jan 31 (Fri) | 07:55 | 104 | 13:50   | 62S  | 19:49 | 259 |
| 2025 Feb 01 (Sat) | 08:36 | 97  | 14:40   | 69S  | 20:47 | 267 |
| 2025 Feb 02 (Sun) | 09:16 | 90  | 15:28   | 76S  | 21:44 | 274 |
| 2025 Feb 03 (Mon) | 09:55 | 82  | 16:16   | 83S  | 22:42 | 281 |
| 2025 Feb 04 (Tue) | 10:37 | 75  | 17:07   | 89S  | 23:42 | 288 |
| 2025 Feb 05 (Wed) | 11:21 | 69  | 18:00   | 86N  |       |     |
| 2025 Feb 06 (Thu) | 12:10 | 64  | 18:56   | 82N  | 00:43 | 293 |

|                   |           |           |           |
|-------------------|-----------|-----------|-----------|
| 2025 Feb 07 (Fri) | 13:03 61  | 19:55 80N | 01:46 297 |
| 2025 Feb 08 (Sat) | 14:01 60  | 20:55 79N | 02:49 300 |
| 2025 Feb 09 (Sun) | 15:02 61  | 21:54 80N | 03:49 300 |
| 2025 Feb 10 (Mon) | 16:02 63  | 22:50 83N | 04:45 298 |
| 2025 Feb 11 (Tue) | 17:01 67  | 23:41 87N | 05:34 295 |
| 2025 Feb 12 (Wed) | 17:56 72  |           | 06:18 290 |
| 2025 Feb 13 (Thu) | 18:48 78  | 00:29 89S | 06:57 285 |
| 2025 Feb 14 (Fri) | 19:37 84  | 01:12 83S | 07:33 279 |
| 2025 Feb 15 (Sat) | 20:24 91  | 01:53 77S | 08:06 272 |
| 2025 Feb 16 (Sun) | 21:11 97  | 02:33 71S | 08:38 266 |
| 2025 Feb 17 (Mon) | 21:58 103 | 03:12 65S | 09:10 260 |
| 2025 Feb 18 (Tue) | 22:47 108 | 03:53 60S | 09:44 255 |
| 2025 Feb 19 (Wed) | 23:38 113 | 04:35 55S | 10:20 250 |
| 2025 Feb 20 (Thu) |           | 05:20 51S | 11:00 245 |
| 2025 Feb 21 (Fri) | 00:31 117 | 06:08 47S | 11:44 242 |
| 2025 Feb 22 (Sat) | 01:26 119 | 07:00 45S | 12:34 240 |
| 2025 Feb 23 (Sun) | 02:22 120 | 07:55 44S | 13:29 240 |
| 2025 Feb 24 (Mon) | 03:17 119 | 08:52 45S | 14:28 241 |
| 2025 Feb 25 (Tue) | 04:11 117 | 09:49 48S | 15:30 245 |
| 2025 Feb 26 (Wed) | 05:00 113 | 10:44 53S | 16:31 250 |
| 2025 Feb 27 (Thu) | 05:46 107 | 11:37 58S | 17:32 256 |
| 2025 Feb 28 (Fri) | 06:29 100 | 12:28 65S | 18:32 263 |
| 2025 Mar 01 (Sat) | 07:10 93  | 13:18 73S | 19:32 271 |
| 2025 Mar 02 (Sun) | 07:51 85  | 14:09 80S | 20:31 279 |
| 2025 Mar 03 (Mon) | 08:33 78  | 15:00 87S | 21:32 286 |
| 2025 Mar 04 (Tue) | 09:17 71  | 15:54 88N | 22:35 292 |
| 2025 Mar 05 (Wed) | 10:06 66  | 16:51 83N | 23:39 297 |
| 2025 Mar 06 (Thu) | 10:59 62  | 17:50 80N |           |
| 2025 Mar 07 (Fri) | 11:56 60  | 18:50 79N | 00:43 299 |
| 2025 Mar 08 (Sat) | 12:56 60  | 19:49 79N | 01:45 300 |
| 2025 Mar 09 (Sun) | 13:56 62  | 20:45 82N | 02:41 299 |
| 2025 Mar 10 (Mon) | 14:54 66  | 21:37 86N | 03:32 296 |
| 2025 Mar 11 (Tue) | 15:50 71  | 22:25 90N | 04:17 292 |
| 2025 Mar 12 (Wed) | 16:42 76  | 23:09 86S | 04:57 287 |
| 2025 Mar 13 (Thu) | 17:31 82  | 23:51 80S | 05:33 281 |
| 2025 Mar 14 (Fri) | 18:19 88  |           | 06:06 275 |
| 2025 Mar 15 (Sat) | 19:06 95  | 00:31 74S | 06:38 269 |
| 2025 Mar 16 (Sun) | 19:53 101 | 01:10 68S | 07:10 262 |
| 2025 Mar 17 (Mon) | 20:41 106 | 01:50 62S | 07:43 257 |
| 2025 Mar 18 (Tue) | 21:31 111 | 02:31 57S | 08:18 251 |
| 2025 Mar 19 (Wed) | 22:23 115 | 03:15 52S | 08:57 247 |
| 2025 Mar 20 (Thu) | 23:16 118 | 04:02 48S | 09:39 243 |
| 2025 Mar 21 (Fri) |           | 04:52 46S | 10:26 241 |
| 2025 Mar 22 (Sat) | 00:11 120 | 05:45 44S | 11:18 240 |
| 2025 Mar 23 (Sun) | 01:06 120 | 06:39 45S | 12:14 240 |
| 2025 Mar 24 (Mon) | 01:59 118 | 07:35 47S | 13:13 243 |
| 2025 Mar 25 (Tue) | 02:48 115 | 08:29 50S | 14:13 247 |
| 2025 Mar 26 (Wed) | 03:35 110 | 09:22 55S | 15:13 253 |
| 2025 Mar 27 (Thu) | 04:19 104 | 10:14 62S | 16:13 259 |
| 2025 Mar 28 (Fri) | 05:00 97  | 11:04 69S | 17:12 267 |
| 2025 Mar 29 (Sat) | 05:41 89  | 11:54 76S | 18:12 275 |
| 2025 Mar 30 (Sun) | 06:23 81  | 12:46 84S | 19:14 282 |
| 2025 Mar 31 (Mon) | 07:08 74  | 13:41 91S | 20:18 289 |
| 2025 Apr 01 (Tue) | 07:56 68  | 14:38 85N | 21:24 295 |
| 2025 Apr 02 (Wed) | 08:49 63  | 15:39 81N | 22:31 298 |
| 2025 Apr 03 (Thu) | 09:47 61  | 16:41 79N | 23:36 300 |
| 2025 Apr 04 (Fri) | 10:48 60  | 17:43 79N |           |
| 2025 Apr 05 (Sat) | 11:50 61  | 18:41 81N | 00:36 299 |
| 2025 Apr 06 (Sun) | 12:49 65  | 19:35 84N | 01:29 297 |
| 2025 Apr 07 (Mon) | 13:46 69  | 20:23 89N | 02:16 293 |
| 2025 Apr 08 (Tue) | 14:38 74  | 21:08 87S | 02:57 288 |
| 2025 Apr 09 (Wed) | 15:28 80  | 21:50 82S | 03:34 283 |
| 2025 Apr 10 (Thu) | 16:16 86  | 22:30 76S | 04:08 277 |
| 2025 Apr 11 (Fri) | 17:03 92  | 23:09 70S | 04:40 271 |
| 2025 Apr 12 (Sat) | 17:49 99  | 23:49 64S | 05:12 265 |
| 2025 Apr 13 (Sun) | 18:37 104 |           | 05:45 259 |
| 2025 Apr 14 (Mon) | 19:26 110 | 00:29 58S | 06:19 253 |

|                   |           |           |           |
|-------------------|-----------|-----------|-----------|
| 2025 Apr 15 (Tue) | 20:17 114 | 01:12 54S | 06:56 248 |
| 2025 Apr 16 (Wed) | 21:10 117 | 01:58 50S | 07:37 244 |
| 2025 Apr 17 (Thu) | 22:05 119 | 02:47 47S | 08:22 242 |
| 2025 Apr 18 (Fri) | 22:59 120 | 03:38 45S | 09:12 240 |
| 2025 Apr 19 (Sat) | 23:51 119 | 04:32 45S | 10:06 240 |
| 2025 Apr 20 (Sun) |           | 05:26 46S | 11:02 242 |
| 2025 Apr 21 (Mon) | 00:41 116 | 06:19 49S | 12:00 245 |
| 2025 Apr 22 (Tue) | 01:27 112 | 07:11 53S | 12:58 250 |
| 2025 Apr 23 (Wed) | 02:11 107 | 08:01 59S | 13:56 256 |
| 2025 Apr 24 (Thu) | 02:52 100 | 08:51 65S | 14:54 263 |
| 2025 Apr 25 (Fri) | 03:32 93  | 09:40 72S | 15:52 271 |
| 2025 Apr 26 (Sat) | 04:12 86  | 10:30 80S | 16:52 278 |
| 2025 Apr 27 (Sun) | 04:55 78  | 11:23 87S | 17:55 286 |
| 2025 Apr 28 (Mon) | 05:42 71  | 12:20 88N | 19:02 292 |
| 2025 Apr 29 (Tue) | 06:34 65  | 13:20 83N | 20:10 297 |
| 2025 Apr 30 (Wed) | 07:31 62  | 14:24 80N | 21:19 299 |
| 2025 May 01 (Thu) | 08:34 60  | 15:29 79N | 22:24 300 |
| 2025 May 02 (Fri) | 09:38 61  | 16:31 80N | 23:22 298 |
| 2025 May 03 (Sat) | 10:40 63  | 17:28 83N |           |
| 2025 May 04 (Sun) | 11:39 67  | 18:20 87N | 00:12 295 |
| 2025 May 05 (Mon) | 12:34 73  | 19:06 89S | 00:56 290 |
| 2025 May 06 (Tue) | 13:25 78  | 19:49 83S | 01:35 284 |
| 2025 May 07 (Wed) | 14:13 84  | 20:30 77S | 02:10 279 |
| 2025 May 08 (Thu) | 15:00 91  | 21:09 71S | 02:42 272 |
| 2025 May 09 (Fri) | 15:47 97  | 21:48 66S | 03:14 266 |
| 2025 May 10 (Sat) | 16:34 102 | 22:28 60S | 03:46 260 |
| 2025 May 11 (Sun) | 17:22 108 | 23:11 55S | 04:20 255 |
| 2025 May 12 (Mon) | 18:13 113 | 23:55 51S | 04:56 250 |
| 2025 May 13 (Tue) | 19:06 116 |           | 05:36 246 |
| 2025 May 14 (Wed) | 20:00 119 | 00:44 47S | 06:20 242 |
| 2025 May 15 (Thu) | 20:54 120 | 01:34 45S | 07:08 240 |
| 2025 May 16 (Fri) | 21:47 119 | 02:28 45S | 08:01 240 |
| 2025 May 17 (Sat) | 22:37 117 | 03:21 45S | 08:57 241 |
| 2025 May 18 (Sun) | 23:24 114 | 04:15 48S | 09:54 244 |
| 2025 May 19 (Mon) |           | 05:06 52S | 10:51 248 |
| 2025 May 20 (Tue) | 00:07 109 | 05:55 57S | 11:47 254 |
| 2025 May 21 (Wed) | 00:48 103 | 06:43 63S | 12:43 260 |
| 2025 May 22 (Thu) | 01:27 96  | 07:30 69S | 13:39 267 |
| 2025 May 23 (Fri) | 02:05 89  | 08:18 76S | 14:36 275 |
| 2025 May 24 (Sat) | 02:46 81  | 09:08 84S | 15:36 282 |
| 2025 May 25 (Sun) | 03:29 74  | 10:02 90S | 16:39 289 |
| 2025 May 26 (Mon) | 04:18 68  | 11:00 85N | 17:46 295 |
| 2025 May 27 (Tue) | 05:13 63  | 12:02 81N | 18:55 298 |
| 2025 May 28 (Wed) | 06:13 61  | 13:08 79N | 20:03 300 |
| 2025 May 29 (Thu) | 07:18 60  | 14:13 79N | 21:06 299 |
| 2025 May 30 (Fri) | 08:24 62  | 15:14 82N | 22:02 296 |
| 2025 May 31 (Sat) | 09:26 66  | 16:10 86N | 22:50 292 |
| 2025 Jun 01 (Sun) | 10:25 71  | 17:00 91N | 23:32 286 |
| 2025 Jun 02 (Mon) | 11:18 76  | 17:46 85S |           |
| 2025 Jun 03 (Tue) | 12:09 82  | 18:28 79S | 00:09 281 |
| 2025 Jun 04 (Wed) | 12:56 89  | 19:08 73S | 00:43 274 |
| 2025 Jun 05 (Thu) | 13:43 95  | 19:47 67S | 01:15 268 |
| 2025 Jun 06 (Fri) | 14:30 101 | 20:27 62S | 01:47 262 |
| 2025 Jun 07 (Sat) | 15:18 106 | 21:08 57S | 02:20 257 |
| 2025 Jun 08 (Sun) | 16:08 111 | 21:52 52S | 02:55 251 |
| 2025 Jun 09 (Mon) | 17:00 115 | 22:39 48S | 03:34 247 |
| 2025 Jun 10 (Tue) | 17:54 118 | 23:30 46S | 04:17 243 |
| 2025 Jun 11 (Wed) | 18:49 120 |           | 05:04 241 |
| 2025 Jun 12 (Thu) | 19:43 120 | 00:23 45S | 05:56 240 |
| 2025 Jun 13 (Fri) | 20:34 118 | 01:17 45S | 06:52 241 |
| 2025 Jun 14 (Sat) | 21:22 115 | 02:11 47S | 07:49 243 |
| 2025 Jun 15 (Sun) | 22:06 110 | 03:03 50S | 08:46 247 |
| 2025 Jun 16 (Mon) | 22:47 105 | 03:53 55S | 09:43 252 |
| 2025 Jun 17 (Tue) | 23:26 98  | 04:41 61S | 10:38 259 |
| 2025 Jun 18 (Wed) |           | 05:27 67S | 11:32 265 |
| 2025 Jun 19 (Thu) | 00:04 91  | 06:13 74S | 12:27 272 |
| 2025 Jun 20 (Fri) | 00:42 84  | 07:01 81S | 13:24 280 |

|                   |       |     |       |     |       |     |
|-------------------|-------|-----|-------|-----|-------|-----|
| 2025 Jun 21 (Sat) | 01:23 | 77  | 07:51 | 88S | 14:24 | 286 |
| 2025 Jun 22 (Sun) | 02:07 | 71  | 08:45 | 88N | 15:27 | 292 |
| 2025 Jun 23 (Mon) | 02:58 | 65  | 09:44 | 83N | 16:34 | 297 |
| 2025 Jun 24 (Tue) | 03:55 | 62  | 10:47 | 80N | 17:42 | 299 |
| 2025 Jun 25 (Wed) | 04:57 | 60  | 11:53 | 79N | 18:47 | 300 |
| 2025 Jun 26 (Thu) | 06:03 | 61  | 12:56 | 80N | 19:47 | 298 |
| 2025 Jun 27 (Fri) | 07:08 | 64  | 13:56 | 84N | 20:39 | 294 |
| 2025 Jun 28 (Sat) | 08:10 | 68  | 14:49 | 88N | 21:25 | 289 |
| 2025 Jun 29 (Sun) | 09:07 | 74  | 15:38 | 88S | 22:05 | 283 |
| 2025 Jun 30 (Mon) | 10:00 | 80  | 16:22 | 82S | 22:40 | 277 |
| 2025 Jul 01 (Tue) | 10:49 | 86  | 17:04 | 76S | 23:14 | 270 |
| 2025 Jul 02 (Wed) | 11:37 | 93  | 17:44 | 69S | 23:46 | 264 |
| 2025 Jul 03 (Thu) | 12:24 | 99  | 18:24 | 64S |       |     |
| 2025 Jul 04 (Fri) | 13:12 | 104 | 19:05 | 58S | 00:19 | 258 |
| 2025 Jul 05 (Sat) | 14:01 | 110 | 19:48 | 53S | 00:54 | 253 |
| 2025 Jul 06 (Sun) | 14:53 | 114 | 20:34 | 50S | 01:31 | 248 |
| 2025 Jul 07 (Mon) | 15:46 | 117 | 21:23 | 47S | 02:12 | 244 |
| 2025 Jul 08 (Tue) | 16:41 | 119 | 22:15 | 45S | 02:58 | 242 |
| 2025 Jul 09 (Wed) | 17:36 | 120 | 23:10 | 45S | 03:49 | 240 |
| 2025 Jul 10 (Thu) | 18:29 | 119 |       |     | 04:44 | 240 |
| 2025 Jul 11 (Fri) | 19:19 | 116 | 00:04 | 46S | 05:41 | 242 |
| 2025 Jul 12 (Sat) | 20:05 | 112 | 00:58 | 49S | 06:40 | 246 |
| 2025 Jul 13 (Sun) | 20:47 | 106 | 01:49 | 54S | 07:37 | 251 |
| 2025 Jul 14 (Mon) | 21:26 | 100 | 02:38 | 59S | 08:33 | 257 |
| 2025 Jul 15 (Tue) | 22:04 | 93  | 03:25 | 65S | 09:28 | 263 |
| 2025 Jul 16 (Wed) | 22:42 | 86  | 04:12 | 72S | 10:23 | 270 |
| 2025 Jul 17 (Thu) | 23:21 | 79  | 04:58 | 79S | 11:19 | 278 |
| 2025 Jul 18 (Fri) |       |     | 05:46 | 86S | 12:16 | 284 |
| 2025 Jul 19 (Sat) | 00:04 | 73  | 06:38 | 89N | 13:17 | 291 |
| 2025 Jul 20 (Sun) | 00:51 | 67  | 07:34 | 84N | 14:21 | 296 |
| 2025 Jul 21 (Mon) | 01:43 | 63  | 08:34 | 81N | 15:27 | 299 |
| 2025 Jul 22 (Tue) | 02:42 | 60  | 09:37 | 79N | 16:32 | 300 |
| 2025 Jul 23 (Wed) | 03:46 | 60  | 10:40 | 80N | 17:33 | 299 |
| 2025 Jul 24 (Thu) | 04:51 | 62  | 11:41 | 82N | 18:28 | 296 |
| 2025 Jul 25 (Fri) | 05:54 | 66  | 12:37 | 86N | 19:16 | 291 |
| 2025 Jul 26 (Sat) | 06:53 | 71  | 13:28 | 90S | 19:59 | 286 |
| 2025 Jul 27 (Sun) | 07:48 | 77  | 14:14 | 84S | 20:36 | 279 |
| 2025 Jul 28 (Mon) | 08:40 | 84  | 14:57 | 78S | 21:11 | 273 |
| 2025 Jul 29 (Tue) | 09:29 | 90  | 15:39 | 72S | 21:44 | 267 |
| 2025 Jul 30 (Wed) | 10:17 | 96  | 16:19 | 66S | 22:17 | 261 |
| 2025 Jul 31 (Thu) | 11:05 | 102 | 17:00 | 60S | 22:51 | 255 |
| 2025 Aug 01 (Fri) | 11:54 | 108 | 17:42 | 55S | 23:27 | 250 |
| 2025 Aug 02 (Sat) | 12:44 | 112 | 18:27 | 51S |       |     |
| 2025 Aug 03 (Sun) | 13:37 | 116 | 19:15 | 47S | 00:07 | 246 |
| 2025 Aug 04 (Mon) | 14:31 | 119 | 20:06 | 45S | 00:51 | 242 |
| 2025 Aug 05 (Tue) | 15:26 | 120 | 20:59 | 45S | 01:39 | 240 |
| 2025 Aug 06 (Wed) | 16:20 | 119 | 21:54 | 45S | 02:33 | 240 |
| 2025 Aug 07 (Thu) | 17:11 | 117 | 22:49 | 48S | 03:29 | 241 |
| 2025 Aug 08 (Fri) | 17:59 | 114 | 23:41 | 52S | 04:28 | 244 |
| 2025 Aug 09 (Sat) | 18:43 | 108 |       |     | 05:27 | 249 |
| 2025 Aug 10 (Sun) | 19:24 | 102 | 00:32 | 57S | 06:25 | 254 |
| 2025 Aug 11 (Mon) | 20:04 | 95  | 01:21 | 63S | 07:21 | 261 |
| 2025 Aug 12 (Tue) | 20:42 | 88  | 02:08 | 70S | 08:17 | 268 |
| 2025 Aug 13 (Wed) | 21:21 | 81  | 02:56 | 77S | 09:14 | 276 |
| 2025 Aug 14 (Thu) | 22:03 | 74  | 03:44 | 84S | 10:11 | 283 |
| 2025 Aug 15 (Fri) | 22:48 | 68  | 04:35 | 90S | 11:11 | 289 |
| 2025 Aug 16 (Sat) | 23:39 | 64  | 05:29 | 86N | 12:14 | 294 |
| 2025 Aug 17 (Sun) |       |     | 06:27 | 82N | 13:18 | 298 |
| 2025 Aug 18 (Mon) | 00:35 | 61  | 07:28 | 79N | 14:23 | 300 |
| 2025 Aug 19 (Tue) | 01:35 | 60  | 08:30 | 79N | 15:24 | 300 |
| 2025 Aug 20 (Wed) | 02:39 | 61  | 09:31 | 81N | 16:20 | 297 |
| 2025 Aug 21 (Thu) | 03:41 | 64  | 10:27 | 84N | 17:10 | 293 |
| 2025 Aug 22 (Fri) | 04:41 | 69  | 11:19 | 89N | 17:53 | 288 |
| 2025 Aug 23 (Sat) | 05:37 | 75  | 12:07 | 87S | 18:33 | 282 |
| 2025 Aug 24 (Sun) | 06:30 | 81  | 12:51 | 81S | 19:08 | 276 |
| 2025 Aug 25 (Mon) | 07:20 | 87  | 13:33 | 74S | 19:42 | 269 |
| 2025 Aug 26 (Tue) | 08:09 | 94  | 14:14 | 68S | 20:15 | 263 |

|                   |           |           |           |
|-------------------|-----------|-----------|-----------|
| 2025 Aug 27 (Wed) | 08:57 100 | 14:55 62S | 20:49 257 |
| 2025 Aug 28 (Thu) | 09:46 106 | 15:37 57S | 21:24 252 |
| 2025 Aug 29 (Fri) | 10:36 111 | 16:20 52S | 22:02 247 |
| 2025 Aug 30 (Sat) | 11:27 115 | 17:07 49S | 22:44 243 |
| 2025 Aug 31 (Sun) | 12:20 118 | 17:56 46S | 23:30 241 |
| 2025 Sep 01 (Mon) | 13:15 120 | 18:48 45S |           |
| 2025 Sep 02 (Tue) | 14:08 120 | 19:42 45S | 00:21 240 |
| 2025 Sep 03 (Wed) | 15:00 119 | 20:36 46S | 01:16 240 |
| 2025 Sep 04 (Thu) | 15:50 115 | 21:29 50S | 02:13 243 |
| 2025 Sep 05 (Fri) | 16:35 111 | 22:21 54S | 03:12 246 |
| 2025 Sep 06 (Sat) | 17:18 105 | 23:11 60S | 04:10 252 |
| 2025 Sep 07 (Sun) | 17:59 98  | 24:00 67S | 05:08 258 |
| 2025 Sep 08 (Mon) | 18:38 91  |           | 06:05 265 |
| 2025 Sep 09 (Tue) | 19:18 84  | 00:48 74S | 07:03 273 |
| 2025 Sep 10 (Wed) | 20:00 77  | 01:37 81S | 08:02 280 |
| 2025 Sep 11 (Thu) | 20:45 70  | 02:29 88S | 09:02 287 |
| 2025 Sep 12 (Fri) | 21:35 65  | 03:23 87N | 10:06 293 |
| 2025 Sep 13 (Sat) | 22:30 61  | 04:21 83N | 11:11 297 |
| 2025 Sep 14 (Sun) | 23:30 60  | 05:22 80N | 12:16 300 |
| 2025 Sep 15 (Mon) |           | 06:24 79N | 13:19 300 |
| 2025 Sep 16 (Tue) | 00:32 61  | 07:25 80N | 14:16 298 |
| 2025 Sep 17 (Wed) | 01:34 63  | 08:22 83N | 15:07 295 |
| 2025 Sep 18 (Thu) | 02:34 67  | 09:15 87N | 15:51 290 |
| 2025 Sep 19 (Fri) | 03:30 73  | 10:03 89S | 16:31 284 |
| 2025 Sep 20 (Sat) | 04:23 79  | 10:47 83S | 17:08 278 |
| 2025 Sep 21 (Sun) | 05:14 85  | 11:30 77S | 17:42 272 |
| 2025 Sep 22 (Mon) | 06:02 91  | 12:10 71S | 18:15 265 |
| 2025 Sep 23 (Tue) | 06:50 98  | 12:51 65S | 18:48 259 |
| 2025 Sep 24 (Wed) | 07:39 104 | 13:32 59S | 19:23 254 |
| 2025 Sep 25 (Thu) | 08:28 109 | 14:15 54S | 20:00 249 |
| 2025 Sep 26 (Fri) | 09:19 113 | 15:01 50S | 20:40 245 |
| 2025 Sep 27 (Sat) | 10:12 117 | 15:49 47S | 21:24 242 |
| 2025 Sep 28 (Sun) | 11:05 119 | 16:39 45S | 22:12 240 |
| 2025 Sep 29 (Mon) | 11:58 120 | 17:31 45S | 23:05 240 |
| 2025 Sep 30 (Tue) | 12:50 119 | 18:25 46S | 24:00 242 |
| 2025 Oct 01 (Wed) | 13:40 117 | 19:17 48S |           |
| 2025 Oct 02 (Thu) | 14:26 113 | 20:09 52S | 00:57 245 |
| 2025 Oct 03 (Fri) | 15:09 108 | 20:59 57S | 01:54 249 |
| 2025 Oct 04 (Sat) | 15:50 102 | 21:47 64S | 02:51 255 |
| 2025 Oct 05 (Sun) | 16:30 95  | 22:36 71S | 03:48 261 |
| 2025 Oct 06 (Mon) | 17:10 87  | 23:25 78S | 04:46 269 |
| 2025 Oct 07 (Tue) | 17:52 80  |           | 05:45 276 |
| 2025 Oct 08 (Wed) | 18:36 73  | 00:16 85S | 06:46 284 |
| 2025 Oct 09 (Thu) | 19:26 67  | 01:11 90N | 07:50 290 |
| 2025 Oct 10 (Fri) | 20:21 63  | 02:10 84N | 08:57 296 |
| 2025 Oct 11 (Sat) | 21:21 60  | 03:12 81N | 10:05 299 |
| 2025 Oct 12 (Sun) | 22:24 60  | 04:16 79N | 11:11 300 |
| 2025 Oct 13 (Mon) | 23:28 62  | 05:19 80N | 12:11 299 |
| 2025 Oct 14 (Tue) |           | 06:18 82N | 13:04 296 |
| 2025 Oct 15 (Wed) | 00:29 66  | 07:12 86N | 13:51 291 |
| 2025 Oct 16 (Thu) | 01:26 71  | 08:01 91S | 14:32 286 |
| 2025 Oct 17 (Fri) | 02:19 77  | 08:46 85S | 15:09 280 |
| 2025 Oct 18 (Sat) | 03:10 83  | 09:28 79S | 15:43 274 |
| 2025 Oct 19 (Sun) | 03:59 89  | 10:09 73S | 16:16 268 |
| 2025 Oct 20 (Mon) | 04:46 96  | 10:49 67S | 16:49 261 |
| 2025 Oct 21 (Tue) | 05:34 102 | 11:30 61S | 17:23 256 |
| 2025 Oct 22 (Wed) | 06:23 107 | 12:12 56S | 17:59 251 |
| 2025 Oct 23 (Thu) | 07:13 112 | 12:57 51S | 18:38 246 |
| 2025 Oct 24 (Fri) | 08:05 116 | 13:44 48S | 19:21 243 |
| 2025 Oct 25 (Sat) | 08:58 118 | 14:33 46S | 20:07 241 |
| 2025 Oct 26 (Sun) | 09:52 120 | 15:25 45S | 20:58 240 |
| 2025 Oct 27 (Mon) | 10:43 120 | 16:17 45S | 21:51 241 |
| 2025 Oct 28 (Tue) | 11:33 118 | 17:09 47S | 22:47 243 |
| 2025 Oct 29 (Wed) | 12:19 115 | 17:59 50S | 23:42 247 |
| 2025 Oct 30 (Thu) | 13:02 110 | 18:48 55S |           |
| 2025 Oct 31 (Fri) | 13:43 105 | 19:36 61S | 00:38 252 |
| 2025 Nov 01 (Sat) | 14:22 98  | 20:23 67S | 01:33 258 |



|                   |       |     |       |     |       |     |
|-------------------|-------|-----|-------|-----|-------|-----|
| 2025 Nov 02 (Sun) | 15:01 | 91  | 21:10 | 74S | 02:28 | 265 |
| 2025 Nov 03 (Mon) | 15:41 | 84  | 22:00 | 81S | 03:25 | 272 |
| 2025 Nov 04 (Tue) | 16:23 | 77  | 22:53 | 88S | 04:24 | 280 |
| 2025 Nov 05 (Wed) | 17:11 | 70  | 23:50 | 87N | 05:27 | 287 |
| 2025 Nov 06 (Thu) | 18:05 | 65  |       |     | 06:34 | 293 |
| 2025 Nov 07 (Fri) | 19:05 | 61  | 00:53 | 82N | 07:44 | 297 |
| 2025 Nov 08 (Sat) | 20:09 | 60  | 01:58 | 80N | 08:54 | 300 |
| 2025 Nov 09 (Sun) | 21:16 | 62  | 03:05 | 79N | 09:59 | 299 |
| 2025 Nov 10 (Mon) | 22:20 | 65  | 04:08 | 81N | 10:57 | 297 |
| 2025 Nov 11 (Tue) | 23:20 | 69  | 05:06 | 85N | 11:48 | 293 |
| 2025 Nov 12 (Wed) |       |     | 05:58 | 89N | 12:31 | 288 |
| 2025 Nov 13 (Thu) | 00:15 | 75  | 06:45 | 86S | 13:10 | 282 |
| 2025 Nov 14 (Fri) | 01:07 | 81  | 07:28 | 81S | 13:45 | 276 |
| 2025 Nov 15 (Sat) | 01:56 | 87  | 08:09 | 74S | 14:18 | 269 |
| 2025 Nov 16 (Sun) | 02:44 | 94  | 08:49 | 68S | 14:51 | 263 |
| 2025 Nov 17 (Mon) | 03:31 | 100 | 09:29 | 63S | 15:24 | 257 |
| 2025 Nov 18 (Tue) | 04:20 | 105 | 10:11 | 57S | 15:59 | 252 |
| 2025 Nov 19 (Wed) | 05:09 | 110 | 10:55 | 53S | 16:37 | 248 |
| 2025 Nov 20 (Thu) | 06:01 | 115 | 11:41 | 49S | 17:19 | 244 |
| 2025 Nov 21 (Fri) | 06:53 | 118 | 12:30 | 46S | 18:04 | 241 |
| 2025 Nov 22 (Sat) | 07:47 | 119 | 13:21 | 45S | 18:54 | 240 |
| 2025 Nov 23 (Sun) | 08:39 | 120 | 14:13 | 45S | 19:47 | 241 |
| 2025 Nov 24 (Mon) | 09:29 | 118 | 15:04 | 46S | 20:41 | 243 |
| 2025 Nov 25 (Tue) | 10:16 | 116 | 15:55 | 49S | 21:36 | 246 |
| 2025 Nov 26 (Wed) | 10:59 | 112 | 16:43 | 53S | 22:30 | 250 |
| 2025 Nov 27 (Thu) | 11:39 | 107 | 17:30 | 59S | 23:24 | 256 |
| 2025 Nov 28 (Fri) | 12:18 | 101 | 18:15 | 65S |       |     |
| 2025 Nov 29 (Sat) | 12:55 | 94  | 19:01 | 71S | 00:17 | 262 |
| 2025 Nov 30 (Sun) | 13:33 | 87  | 19:47 | 78S | 01:11 | 269 |
| 2025 Dec 01 (Mon) | 14:12 | 80  | 20:37 | 85S | 02:06 | 276 |
| 2025 Dec 02 (Tue) | 14:56 | 73  | 21:30 | 90N | 03:06 | 284 |
| 2025 Dec 03 (Wed) | 15:46 | 67  | 22:29 | 85N | 04:09 | 290 |
| 2025 Dec 04 (Thu) | 16:43 | 63  | 23:34 | 81N | 05:17 | 295 |
| 2025 Dec 05 (Fri) | 17:46 | 61  |       |     | 06:28 | 299 |
| 2025 Dec 06 (Sat) | 18:54 | 61  | 00:41 | 79N | 07:37 | 300 |
| 2025 Dec 07 (Sun) | 20:01 | 63  | 01:48 | 80N | 08:41 | 298 |
| 2025 Dec 08 (Mon) | 21:06 | 68  | 02:51 | 83N | 09:37 | 295 |
| 2025 Dec 09 (Tue) | 22:06 | 73  | 03:48 | 87N | 10:25 | 290 |
| 2025 Dec 10 (Wed) | 23:00 | 79  | 04:38 | 89S | 11:07 | 284 |
| 2025 Dec 11 (Thu) | 23:51 | 85  | 05:24 | 83S | 11:44 | 278 |
| 2025 Dec 12 (Fri) |       |     | 06:07 | 76S | 12:18 | 271 |
| 2025 Dec 13 (Sat) | 00:40 | 92  | 06:48 | 70S | 12:52 | 265 |
| 2025 Dec 14 (Sun) | 01:28 | 98  | 07:28 | 64S | 13:25 | 259 |
| 2025 Dec 15 (Mon) | 02:16 | 104 | 08:09 | 59S | 13:59 | 254 |
| 2025 Dec 16 (Tue) | 03:05 | 109 | 08:52 | 54S | 14:36 | 249 |
| 2025 Dec 17 (Wed) | 03:56 | 113 | 09:37 | 50S | 15:17 | 245 |
| 2025 Dec 18 (Thu) | 04:48 | 117 | 10:26 | 47S | 16:01 | 242 |
| 2025 Dec 19 (Fri) | 05:42 | 119 | 11:16 | 45S | 16:50 | 241 |
| 2025 Dec 20 (Sat) | 06:35 | 120 | 12:08 | 45S | 17:42 | 240 |
| 2025 Dec 21 (Sun) | 07:26 | 119 | 13:01 | 46S | 18:37 | 242 |
| 2025 Dec 22 (Mon) | 08:14 | 117 | 13:52 | 48S | 19:32 | 245 |
| 2025 Dec 23 (Tue) | 08:58 | 113 | 14:41 | 52S | 20:26 | 249 |
| 2025 Dec 24 (Wed) | 09:39 | 108 | 15:28 | 57S | 21:20 | 254 |
| 2025 Dec 25 (Thu) | 10:18 | 102 | 16:13 | 63S | 22:12 | 261 |
| 2025 Dec 26 (Fri) | 10:54 | 96  | 16:57 | 69S | 23:04 | 267 |
| 2025 Dec 27 (Sat) | 11:30 | 89  | 17:42 | 76S | 23:58 | 274 |
| 2025 Dec 28 (Sun) | 12:08 | 83  | 18:28 | 82S |       |     |
| 2025 Dec 29 (Mon) | 12:48 | 76  | 19:18 | 89S | 00:53 | 281 |
| 2025 Dec 30 (Tue) | 13:33 | 70  | 20:12 | 87N | 01:52 | 287 |
| 2025 Dec 31 (Wed) | 14:25 | 65  | 21:12 | 82N | 02:55 | 293 |