



NOAA Tide Predictions

Columbia River entrance (N. Jetty), Washington, 2012

The NOAA Tide Predictions application provides predictions in both graphical and tabular formats, with many user selected options, for over 3000 stations broken down by key areas in each state. Users can also access stations via the Google map interface. Additional information can be found in the help page.

Station Types: The NOAA Tide Predictions application provides predictions from 2 distinct categories of stations at over 3000 locations:

Harmonic - The predicted height values for Harmonic stations are conducted by combining the harmonic constituents into a single tide curve.

Subordinate - The high and low height values for Subordinate stations are obtained by means and differences, and ratios applied to the full harmonic constant predictions at a specific Harmonic station (a Reference station).

Disclaimer: The official Tide prediction tables are published annually on October 1, for the following calendar year. Tide predictions generated prior to the publishing date of the official tables are subject to change. The predictions from the web based NOAA Tidal Predictions are based upon the latest information available as of the date of your request. Tide predictions generated may differ from the official published predictions if information for the station requested has been updated since the publishing date of the official published tables.



Columbia River entrance (N. Jetty), Washington, 2012

Times and Heights of High and Low Waters

| April | | | | May | | | | June | | | | | | | | | |
|-----------------|--|--|-----------------|--|---|-----------------|--|--|-----------------|--|--|-----------------|--|--|-----------------|--|--|
| Time | Height | Time | Height | Time | Height | Time | Height | Time | Height | Time | Height | | | | | | |
| h m | ft cm | h m | ft cm | h m | ft cm | h m | ft cm | h m | ft cm | h m | ft cm | | | | | | |
| 1 Su | 02:16 AM 08:19 AM 03:12 PM 10:02 PM | 3.5 107 6.3 192 1.2 37 5.9 180 | 16 M | 03:56 AM 10:07 AM 04:20 PM 10:52 PM | 2.1 64 6.2 189 1.0 30 7.1 216 | 1 Tu | 03:01 AM 09:09 AM 03:13 PM 09:57 PM | 2.4 73 5.9 180 1.3 40 7.0 213 | 16 W | 04:28 AM 10:43 AM 04:19 PM 10:47 PM | 1.0 30 5.7 174 2.0 61 7.5 229 | 1 F | 04:40 AM 11:08 AM 04:20 PM 10:46 PM | 0.0 0 5.9 180 2.2 67 8.5 259 | 16 Sa | 05:35 AM 12:04 PM 05:07 PM 11:19 PM | 0.0 0 5.6 171 3.0 91 7.5 229 |
| 2 M | 03:28 AM 09:35 AM 04:08 PM 10:48 PM | 3.0 91 6.5 198 1.0 30 6.5 198 | 17 Tu | 04:52 AM 11:05 AM 05:05 PM 11:32 PM | 1.4 43 6.4 195 1.1 34 7.4 226 | 2 W | 04:04 AM 10:19 AM 04:07 PM 10:41 PM | 1.5 46 6.2 189 1.4 43 7.6 232 | 17 Th | 05:17 AM 11:36 AM 05:02 PM 11:23 PM | 0.5 15 5.9 180 2.2 67 7.7 235 | 2 Sa | 05:36 AM 12:09 PM 05:16 PM 11:34 PM | -0.8 -24 6.2 189 2.4 73 8.8 268 | 17 Su | 06:17 AM 12:50 PM 05:52 PM 11:57 PM | -0.3 -9 5.8 177 3.1 94 7.6 232 |
| 3 Tu | 04:30 AM 10:40 AM 04:56 PM 11:28 PM | 2.2 67 6.8 207 0.8 24 7.1 216 | 18 W | 05:40 AM 11:56 AM 05:45 PM | 0.8 24 6.5 198 1.3 40 | 3 Th | 05:01 AM 11:22 AM 04:58 PM 11:23 PM | 0.5 15 6.5 198 1.5 46 8.2 250 | 18 F | 06:00 AM 12:24 PM 05:43 PM 11:57 PM | 0.0 0 6.0 183 2.5 76 7.7 235 | 3 Su | 06:29 AM 01:06 PM 06:11 PM | -1.4 -43 6.4 195 2.5 76 | 18 M | 06:57 AM 01:34 PM 06:35 PM | -0.5 -15 5.9 180 3.1 94 |
| 4 W | 05:23 AM 11:38 AM 05:40 PM | 1.3 40 7.1 216 0.8 24 | 19 Th | 12:07 AM 06:23 AM 12:42 PM 06:22 PM | 7.6 232 0.4 12 6.6 201 1.6 49 | 4 F | 05:53 AM 12:20 PM 05:46 PM | -0.4 -12 6.7 204 1.7 52 | 19 Sa | 06:40 AM 01:09 PM 06:22 PM | -0.3 -9 6.1 186 2.7 82 | 4 M | 12:23 AM 07:20 AM 01:59 PM 07:06 PM | 8.9 271 -1.7 -52 6.6 201 2.5 76 | 19 Tu | 12:34 AM 07:34 AM 02:14 PM 07:16 PM | 7.6 232 -0.6 -18 6.1 186 3.1 94 |
| 5 Th | 12:07 AM 06:13 AM 12:32 PM 06:23 PM | 7.7 235 0.5 15 7.3 223 0.8 24 | 20 F | 12:39 AM 07:03 AM 01:24 PM 06:56 PM | 7.7 235 0.0 0 6.6 201 1.9 58 | 5 Sa | 12:05 AM 06:43 AM 01:15 PM 06:35 PM | 8.6 262 -1.1 -34 6.9 210 1.9 58 | 20 Su | 12:29 AM 07:18 AM 01:51 PM 07:00 PM | 7.7 235 -0.4 -12 6.2 189 2.9 88 | 5 Tu | 01:13 AM 08:09 AM 02:51 PM 08:00 PM | 8.9 271 -1.8 -55 6.8 207 2.5 76 | 20 W | 01:11 AM 08:09 AM 02:52 PM 07:57 PM | 7.6 232 -0.6 -18 6.2 189 3.1 94 |
| 6 F | 12:45 AM 07:01 AM 01:25 PM 07:05 PM | 8.2 250 -0.3 -9 7.4 226 1.0 30 | 21 Sa | 01:08 AM 07:40 AM 02:05 PM 07:30 PM | 7.7 235 -0.1 -3 6.5 198 2.2 67 | 6 Su | 12:49 AM 07:33 AM 02:09 PM 07:24 PM | 8.9 271 -1.5 -46 6.9 210 2.1 64 | 21 M | 01:01 AM 07:54 AM 02:32 PM 07:37 PM | 7.7 235 -0.5 -15 6.2 189 3.0 91 | 6 W | 02:03 AM 08:58 AM 03:41 PM 08:54 PM | 8.6 262 -1.6 -49 6.9 210 2.5 76 | 21 Th | 01:49 AM 08:42 AM 03:28 PM 08:37 PM | 7.6 232 -0.6 -18 6.3 192 2.9 88 |
| 7 Sa | 01:23 AM 07:48 AM 02:16 PM 07:48 PM | 8.6 262 -0.8 -24 7.3 223 1.3 40 | 22 Su | 01:36 AM 08:48 AM 02:45 PM 08:03 PM | 7.7 235 -0.2 -6 6.4 195 2.5 76 | 7 M | 01:33 AM 08:22 AM 03:02 PM 08:13 PM | 8.9 271 -1.7 -52 6.9 210 2.2 67 | 22 Tu | 01:33 AM 08:28 AM 03:11 PM 08:14 PM | 7.6 232 -0.4 -12 6.1 186 3.1 94 | 7 Th | 02:54 AM 09:44 AM 04:30 PM 09:49 PM | 8.2 250 -1.2 -37 6.9 210 2.5 76 | 22 F | 02:28 AM 09:10 AM 04:03 PM 09:19 PM | 7.5 229 -0.5 -15 6.4 195 2.8 85 |
| 8 Su | 02:02 AM 08:36 AM 03:08 PM 08:32 PM | 8.8 268 -1.1 -34 7.1 216 1.6 49 | 23 M | 02:04 AM 08:44 AM 03:25 PM 08:35 PM | 7.6 232 -0.2 -6 6.2 189 2.7 82 | 8 Tu | 02:20 AM 09:12 AM 03:55 PM 09:05 PM | 8.8 268 -1.5 -46 6.8 207 2.4 73 | 23 W | 02:06 AM 09:02 AM 03:50 PM 08:52 PM | 7.6 232 -0.4 -12 6.1 186 3.2 98 | 8 F | 03:47 AM 10:30 AM 05:18 PM 10:46 PM | 7.6 232 -0.7 -21 6.9 210 2.4 73 | 23 Sa | 03:09 AM 09:47 AM 04:39 PM 10:04 PM | 7.3 223 -0.3 -9 6.6 201 2.6 79 |
| 9 M | 02:44 AM 09:25 AM 04:02 PM 09:18 PM | 8.8 268 -1.1 -34 6.8 207 2.0 61 | 24 Tu | 02:33 AM 09:21 AM 04:05 PM 09:09 PM | 7.6 232 0.0 0 6.0 183 2.9 88 | 9 W | 03:08 AM 10:02 AM 04:48 PM 10:00 PM | 8.4 256 -1.2 -37 6.6 201 2.6 79 | 24 Th | 02:41 AM 09:35 AM 04:29 PM 09:32 PM | 7.5 229 -0.2 -6 6.1 186 3.2 98 | 9 Sa | 04:42 AM 11:16 AM 06:06 PM 11:46 PM | 6.9 210 -0.1 -3 6.9 210 2.4 73 | 24 Su | 03:55 AM 10:22 AM 05:15 PM 10:54 PM | 6.9 210 0.0 0 6.8 207 2.4 73 |
| 10 Tu | 03:28 AM 10:16 AM 04:58 PM 10:09 PM | 8.6 262 -0.9 -27 6.4 195 2.4 73 | 25 W | 03:04 AM 09:55 AM 04:47 PM 09:46 PM | 7.5 229 0.1 3 5.8 177 3.1 94 | 10 Th | 04:00 AM 10:54 AM 05:43 PM 11:00 PM | 7.9 241 -0.7 -21 6.5 198 2.8 85 | 25 F | 03:21 AM 10:10 AM 05:09 PM 10:17 PM | 7.3 223 -0.1 -3 6.1 186 3.2 98 | 10 Su | 05:42 AM 12:03 PM 06:55 PM | 6.2 189 6.6 18 7.0 213 | 25 M | 04:48 AM 11:01 AM 05:56 PM 11:53 PM | 6.4 195 0.4 12 7.0 213 2.1 64 |
| 11 W | 04:17 AM 11:12 AM 05:59 PM 11:07 PM | 8.1 247 -0.4 -12 6.1 186 2.8 85 | 26 Th | 03:40 AM 10:32 AM 05:33 PM 10:30 PM | 7.3 223 0.4 12 5.7 174 3.3 101 | 11 F | 04:58 AM 11:48 AM 06:40 PM | 7.2 219 -0.1 -3 6.5 198 | 26 Sa | 04:05 AM 10:48 AM 05:52 PM 11:11 PM | 7.0 213 0.2 6 6.2 189 3.1 94 | 11 M | 12:50 AM 06:49 AM 12:52 PM 07:43 PM | 2.2 67 5.6 171 1.3 40 7.0 213 | 26 Tu | 05:51 AM 11:47 AM 06:41 PM | 5.8 177 0.9 27 7.2 219 |
| 12 Th | 05:13 AM 12:13 PM 07:04 PM | 7.5 229 0.1 3 6.0 183 | 27 F | 04:23 AM 11:16 AM 06:25 PM 11:25 PM | 7.0 213 0.6 18 5.6 171 3.4 104 | 12 Sa | 12:05 AM 06:04 AM 12:44 PM 07:37 PM | 2.8 85 6.5 198 0.5 15 6.6 201 | 27 Su | 04:59 AM 11:33 AM 06:39 PM | 6.5 198 0.5 15 6.4 195 | 12 Tu | 01:56 AM 08:01 AM 01:44 PM 08:31 PM | 1.9 58 5.2 158 1.8 55 7.1 216 | 27 W | 12:59 AM 07:07 AM 12:40 PM 07:32 PM | 1.7 52 5.3 162 1.5 46 7.5 229 |
| 13 F | 12:15 AM 06:21 AM 01:20 PM 08:11 PM | 3.1 94 6.9 210 0.5 15 6.0 183 | 28 Sa | 05:17 AM 12:09 PM 07:21 PM | 6.6 201 0.9 27 5.7 174 | 13 Su | 01:16 AM 07:18 AM 01:42 PM 08:32 PM | 2.6 79 5.9 180 1.0 30 6.8 207 | 28 M | 12:14 AM 06:05 AM 12:24 PM 07:28 PM | 2.9 88 6.0 183 0.9 27 6.7 204 | 13 W | 03:00 AM 09:11 AM 02:37 PM 09:17 PM | 1.5 46 5.1 155 2.3 70 7.2 219 | 28 Th | 02:10 AM 08:30 AM 01:41 PM 08:26 PM | 1.1 34 5.1 155 2.1 64 7.8 238 |
| 14 Sa | 01:32 AM 07:40 AM 02:27 PM 09:13 PM | 3.0 91 6.4 195 0.8 24 6.3 192 | 29 Su | 12:34 AM 06:26 AM 01:10 PM 08:18 PM | 3.4 104 6.1 186 1.1 34 6.0 183 | 14 M | 02:27 AM 08:33 AM 02:39 PM 09:23 PM | 2.2 67 5.6 171 1.4 43 7.1 216 | 29 Tu | 01:24 AM 07:24 AM 01:21 PM 08:18 PM | 2.4 73 5.6 171 1.3 40 7.1 216 | 14 Th | 03:58 AM 10:16 AM 03:30 PM 10:00 PM | 0.9 27 5.2 158 2.6 79 7.4 226 | 29 F | 03:19 AM 09:48 AM 02:47 PM 09:23 PM | 0.4 12 5.2 158 2.5 76 8.1 247 |
| 15 Su | 02:48 AM 08:58 AM 03:28 PM 10:07 PM | 2.7 82 6.2 189 0.9 27 6.7 204 | 30 M | 01:50 AM 07:48 AM 02:13 PM 09:10 PM | 3.1 94 5.9 180 1.3 40 6.4 195 | 15 Tu | 03:32 AM 09:43 AM 03:31 PM 10:07 PM | 1.7 52 5.6 171 1.7 52 7.3 223 | 30 W | 02:35 AM 08:46 AM 02:22 PM 09:08 PM | 1.7 52 5.5 168 1.7 52 7.6 232 | 15 F | 04:49 AM 11:13 AM 04:20 PM 10:40 PM | 0.4 12 5.4 165 2.9 88 7.5 229 | 30 Sa | 04:24 AM 10:57 AM 03:54 PM 10:19 PM | -0.3 -9 5.4 165 2.7 82 8.3 253 |
| | | | | | | 31 Th | 03:40 AM 10:01 AM 03:22 PM 09:57 PM | 0.9 27 5.6 171 2.0 61 8.0 244 | | | | | | | | | |



Columbia River entrance (N. Jetty), Washington, 2012

Times and Heights of High and Low Waters

| October | | | | November | | | | December | | | | | | | | | |
|-----------------|--|--|-----------------|--|--|-----------------|--|--|-----------------|--|--|-----------------|--|--|-----------------|--|--|
| Time | Height | Time | Height | Time | Height | Time | Height | Time | Height | Time | Height | | | | | | |
| h m | ft cm | h m | ft cm | h m | ft cm | h m | ft cm | h m | ft cm | h m | ft cm | | | | | | |
| 1 M | 02:04 AM 07:43 AM 01:57 PM 08:21 PM | 6.6 201 1.2 37 7.5 229 -0.3 -9 | 16 Tu | 01:52 AM 07:19 AM 01:32 PM 08:09 PM | 7.0 213 1.4 43 8.6 262 -1.3 -40 | 1 Th | 03:12 AM 08:21 AM 02:16 PM 09:07 PM | 6.3 192 2.9 88 7.6 232 -0.1 -3 | 16 F | 02:28 AM 07:36 AM 01:39 PM 08:34 PM | 7.0 213 2.7 82 8.9 271 -1.2 -37 | 1 Sa | 02:36 AM 07:39 AM 01:27 PM 08:20 PM | 6.6 201 3.6 110 7.8 238 0.1 3 | 16 Su | 03:02 AM 08:22 AM 02:21 PM 09:03 PM | 7.6 232 2.8 85 8.5 259 -0.5 -15 |
| 2 Tu | 02:45 AM 08:16 AM 02:25 PM 08:57 PM | 6.4 195 1.6 49 7.4 226 -0.2 -6 | 17 W | 02:43 AM 08:02 AM 02:12 PM 08:56 PM | 6.9 210 1.7 52 8.7 265 -1.4 -43 | 2 F | 03:52 AM 08:56 AM 02:47 PM 09:41 PM | 6.1 186 3.2 98 7.4 226 0.1 3 | 17 Sa | 03:21 AM 08:31 AM 02:30 PM 09:24 PM | 7.0 213 2.9 88 7.7 235 -0.7 -21 | 2 Su | 03:13 AM 08:18 AM 02:04 PM 08:52 PM | 6.6 201 3.6 110 7.6 232 0.3 9 | 17 M | 03:49 AM 09:18 AM 03:16 PM 09:48 PM | 7.7 235 2.8 85 7.8 238 0.2 6 |
| 3 W | 03:26 AM 08:48 AM 02:52 PM 09:32 PM | 6.1 186 2.0 61 7.2 219 0.0 0 | 18 Th | 03:36 AM 08:48 AM 02:56 PM 09:46 PM | 6.6 201 2.0 61 8.5 259 -1.2 -37 | 3 Sa | 04:34 AM 09:34 AM 03:22 PM 10:17 PM | 6.0 183 3.4 104 7.2 219 0.4 12 | 18 Su | 04:15 AM 09:30 AM 03:27 PM 10:17 PM | 6.9 210 3.0 91 7.7 235 -0.1 -3 | 3 M | 03:50 AM 09:01 AM 02:45 PM 09:26 PM | 6.6 201 3.6 110 7.3 223 0.6 18 | 18 Tu | 04:37 AM 10:18 AM 04:15 PM 10:34 PM | 7.7 235 2.7 82 7.0 213 0.9 27 |
| 4 Th | 04:08 AM 09:20 AM 03:21 PM 10:09 PM | 5.8 177 2.4 73 7.1 216 0.2 6 | 19 F | 04:31 AM 09:39 AM 03:44 PM 10:40 PM | 6.4 195 2.4 73 8.1 247 -0.8 -24 | 4 Su | 04:19 AM 09:17 AM 03:04 PM 09:58 PM | 5.8 177 3.6 110 6.9 210 0.7 21 | 19 M | 05:10 AM 10:36 AM 04:32 PM 11:12 PM | 6.9 210 3.0 91 6.9 210 0.6 18 | 4 Tu | 04:29 AM 09:50 AM 03:34 PM 10:05 PM | 6.7 204 3.6 110 6.8 207 1.0 30 | 19 W | 05:25 AM 11:22 AM 05:21 PM 11:23 PM | 7.7 235 2.6 79 6.3 192 1.7 52 |
| 5 F | 04:53 AM 09:56 AM 03:55 PM 10:49 PM | 5.4 165 2.8 85 6.8 207 0.5 15 | 20 Sa | 05:30 AM 10:37 AM 04:39 PM 11:40 PM | 6.1 186 2.8 85 7.5 229 -0.3 -9 | 5 M | 05:08 AM 10:11 AM 03:55 PM 10:46 PM | 5.8 177 3.7 113 6.4 195 1.1 34 | 20 Tu | 06:07 AM 11:47 AM 05:47 PM | 7.0 213 2.9 88 6.3 192 | 5 W | 05:12 AM 10:49 AM 04:34 PM 10:51 PM | 6.8 207 3.4 104 6.3 192 1.4 43 | 20 Th | 06:15 AM 12:29 PM 06:34 PM | 7.7 235 2.4 73 5.7 174 |
| 6 Sa | 05:45 AM 10:40 AM 04:35 PM 11:38 PM | 5.1 155 3.2 98 6.5 198 0.9 27 | 21 Su | 06:34 AM 11:45 AM 05:46 PM | 6.0 183 3.0 91 6.9 210 | 6 Tu | 06:01 AM 11:18 AM 05:01 PM 11:43 PM | 5.9 180 3.6 110 6.0 183 1.3 40 | 21 W | 12:10 AM 07:04 AM 01:01 PM 07:06 PM | 1.2 37 7.2 219 2.5 76 5.9 180 | 6 Th | 05:58 AM 11:56 AM 05:50 PM 11:45 PM | 7.1 216 3.0 91 5.8 177 1.9 58 | 21 F | 12:16 AM 07:05 AM 01:38 PM 07:50 PM | 2.4 73 7.8 238 2.0 61 5.5 168 |
| 7 Su | 06:45 AM 11:36 AM 05:29 PM | 5.0 152 3.4 104 6.1 186 | 22 M | 12:45 AM 07:40 AM 01:02 PM 07:06 PM | 0.2 6 6.1 186 3.0 91 6.3 192 | 7 W | 06:55 AM 12:33 PM 06:23 PM | 6.1 186 3.3 101 5.7 174 | 22 Th | 01:09 AM 07:56 AM 02:10 PM 08:20 PM | 1.7 52 7.5 229 1.9 58 5.8 177 | 7 F | 06:47 AM 01:07 PM 07:15 PM | 7.4 226 2.4 73 5.6 171 | 22 Sa | 01:12 AM 08:42 AM 02:41 PM 09:00 PM | 2.9 88 7.8 238 1.5 46 5.6 171 |
| 8 M | 12:39 AM 08:50 AM 12:49 PM 06:40 PM | 1.1 34 5.0 152 3.5 107 5.8 177 | 23 Tu | 01:52 AM 08:43 AM 02:20 PM 08:28 PM | 0.6 18 6.4 195 2.6 79 6.1 186 | 8 Th | 12:45 AM 07:46 AM 01:43 PM 07:46 PM | 1.6 49 6.6 201 2.6 79 5.7 174 | 23 F | 02:04 AM 08:44 AM 03:10 PM 09:25 PM | 2.0 61 7.8 238 1.2 37 5.9 180 | 8 Sa | 12:45 AM 07:38 AM 02:15 PM 08:34 PM | 2.3 70 7.9 241 1.6 49 5.7 174 | 23 Su | 02:09 AM 08:42 AM 03:36 PM 10:01 PM | 3.3 101 7.9 241 1.0 30 5.8 177 |
| 9 Tu | 01:47 AM 08:50 AM 02:07 PM 08:03 PM | 1.2 37 5.3 162 3.3 101 5.7 174 | 24 W | 02:55 AM 09:38 AM 03:31 PM 09:42 PM | 0.8 24 6.8 207 1.9 58 6.1 186 | 9 F | 01:44 AM 08:32 AM 02:45 PM 08:58 PM | 1.7 52 7.1 216 1.8 55 6.0 183 | 24 Sa | 02:56 AM 09:27 AM 04:01 PM 10:21 PM | 2.4 73 8.0 244 0.6 18 6.1 186 | 9 Su | 01:48 AM 08:28 AM 03:16 PM 09:44 PM | 2.7 82 8.4 256 0.7 21 6.0 183 | 24 M | 03:04 AM 09:26 AM 04:24 PM 10:54 PM | 3.5 107 8.0 244 0.5 15 6.1 186 |
| 10 W | 02:50 AM 09:42 AM 03:16 PM 09:19 PM | 1.1 34 5.8 177 2.7 82 5.9 180 | 25 Th | 03:50 AM 10:26 AM 04:30 PM 10:44 PM | 1.0 30 7.3 223 1.2 37 6.3 192 | 10 Sa | 02:38 AM 09:15 AM 03:40 PM 10:00 PM | 1.8 55 7.7 235 0.8 24 6.3 192 | 25 Su | 03:42 AM 10:05 AM 04:46 PM 11:11 PM | 2.6 79 8.2 250 0.2 6 6.3 192 | 10 M | 02:49 AM 09:17 AM 04:12 PM 10:45 PM | 2.9 88 8.8 268 -0.1 -3 6.4 195 | 25 Tu | 03:54 AM 10:07 AM 05:07 PM 11:40 PM | 3.7 113 8.1 247 0.2 6 6.4 195 |
| 11 Th | 03:44 AM 10:26 AM 04:14 PM 10:23 PM | 1.0 30 6.3 192 1.9 58 6.2 189 | 26 F | 04:38 AM 11:07 AM 05:20 PM 11:37 PM | 1.2 37 7.6 232 0.5 15 6.4 195 | 11 Su | 03:29 AM 09:57 AM 04:30 PM 10:57 PM | 1.9 58 8.3 253 -0.1 -3 6.6 201 | 26 M | 04:26 AM 10:41 AM 05:27 PM 11:56 PM | 2.8 85 8.2 250 -0.1 -3 6.5 198 | 11 Tu | 03:47 AM 10:07 AM 05:04 PM 11:42 PM | 3.0 91 9.2 280 -0.8 -24 6.8 207 | 26 W | 04:41 AM 10:47 AM 05:46 PM | 3.7 113 8.2 250 0.0 0 |
| 12 F | 04:31 AM 11:05 AM 05:05 PM 11:19 PM | 0.9 27 6.9 210 1.1 34 6.6 201 | 27 Sa | 05:21 AM 11:44 AM 06:05 PM | 1.4 43 7.9 241 0.0 0 | 12 M | 04:18 AM 10:38 AM 05:19 PM 11:52 PM | 2.1 64 8.8 268 -0.8 -24 6.9 210 | 27 Tu | 05:07 AM 11:14 AM 06:05 PM | 3.1 94 8.2 250 -0.3 -9 | 12 W | 04:43 AM 10:57 AM 05:55 PM | 3.1 94 9.5 290 -1.2 -37 | 27 Th | 12:22 AM 05:25 AM 11:24 AM 06:23 PM | 6.6 201 3.7 113 8.2 250 -0.1 -3 |
| 13 Sa | 05:14 AM 11:41 AM 05:52 PM | 0.9 27 7.5 229 0.2 6 | 28 Su | 12:25 AM 06:00 AM 12:17 PM 06:46 PM | 6.5 198 1.7 52 8.0 244 -0.3 -9 | 13 Tu | 05:06 AM 11:20 AM 06:07 PM | 2.2 67 9.1 277 -1.3 -40 | 28 W | 12:39 AM 05:46 AM 11:47 AM 06:41 AM | 6.6 201 3.3 101 8.1 247 -0.3 -9 | 13 Th | 12:35 AM 05:38 AM 11:47 AM 06:44 PM | 7.1 216 3.0 91 9.5 290 -1.4 -43 | 28 F | 01:01 AM 06:06 AM 12:01 PM 06:57 PM | 6.8 207 3.6 110 8.2 250 -0.1 -3 |
| 14 Su | 12:11 AM 05:56 AM 12:17 PM 06:37 PM | 6.8 207 0.9 27 8.0 244 -0.5 -15 | 29 M | 01:09 AM 06:37 AM 12:48 PM 07:23 PM | 6.6 201 2.0 61 7.9 241 -0.4 -12 | 14 W | 12:44 AM 05:55 AM 12:04 PM 06:55 PM | 7.0 213 2.4 73 9.3 283 -1.6 -49 | 29 Th | 01:19 AM 06:24 AM 12:19 PM 07:15 PM | 6.6 201 3.4 104 8.1 247 -0.2 -6 | 14 F | 01:26 AM 06:33 AM 12:37 PM 07:32 PM | 7.3 223 3.0 91 9.4 287 -1.3 -40 | 29 Sa | 01:38 AM 06:46 AM 12:38 PM 07:28 PM | 6.9 210 3.6 110 8.1 247 0.0 0 |
| 15 M | 01:02 AM 06:37 AM 12:54 PM 07:23 PM | 7.0 213 1.1 34 8.4 256 -1.0 -30 | 30 Tu | 01:51 AM 07:12 AM 01:18 PM 07:59 PM | 6.5 198 2.3 70 7.8 238 -0.4 -12 | 15 Th | 01:36 AM 06:44 AM 12:50 PM 07:44 PM | 7.1 216 2.6 79 9.2 280 -1.5 -46 | 30 F | 01:58 AM 07:01 AM 12:52 PM 07:48 PM | 6.6 201 3.5 107 8.0 244 -0.1 -3 | 15 Sa | 02:15 AM 07:27 AM 01:29 PM 08:18 PM | 7.5 229 2.9 88 9.1 277 -1.0 -30 | 30 Su | 02:12 AM 07:25 AM 01:15 PM 07:58 PM | 7.0 213 3.4 104 8.0 244 0.1 3 |
| | | | 31 W | 02:32 AM 07:46 AM 01:46 PM 08:34 PM | 6.4 195 2.6 79 7.7 235 -0.3 -9 | | | | | | | 31 M | 02:45 AM 08:04 AM 01:54 PM 08:28 PM | 7.2 219 3.3 101 7.8 238 0.3 9 | | | |