


































Port Graham, AK - Dec 2018

| Date | | High | | | | Low | | | |  | |  |
|------|-----|-------|------|-------|------|-------|-----|-------|------|---|------|---|
| | | AM | ft | PM | ft | AM | ft | PM | ft | Rise | Set | Moon |
| 1 | Sat | 9:31 | 16.3 | 9:54 | 14.4 | 2:40 | 2.6 | 3:39 | 4.0 | 9:37 | 4:15 |  |
| 2 | Sun | 10:30 | 17.1 | 11:06 | 15.1 | 3:50 | 3.0 | 4:47 | 2.3 | 9:39 | 4:14 |  |
| 3 | Mon | 11:20 | 18.0 | | | 4:51 | 3.0 | 5:41 | 0.6 | 9:41 | 4:13 |  |
| 4 | Tue | 12:04 | 16.0 | 12:04 | 18.7 | 5:43 | 2.8 | 6:27 | -0.8 | 9:43 | 4:12 |  |
| 5 | Wed | 12:54 | 16.9 | 12:44 | 19.3 | 6:28 | 2.7 | 7:07 | -1.8 | 9:44 | 4:11 |  |
| 6 | Thu | 1:39 | 17.5 | 1:21 | 19.5 | 7:09 | 2.7 | 7:45 | -2.3 | 9:46 | 4:10 |  |
| 7 | Fri | 2:19 | 17.8 | 1:57 | 19.5 | 7:48 | 2.9 | 8:21 | -2.4 | 9:48 | 4:09 |  |
| 8 | Sat | 2:58 | 17.8 | 2:32 | 19.1 | 8:26 | 3.2 | 8:57 | -2.1 | 9:49 | 4:08 |  |
| 9 | Sun | 3:35 | 17.6 | 3:07 | 18.5 | 9:04 | 3.6 | 9:32 | -1.4 | 9:51 | 4:08 |  |
| 10 | Mon | 4:13 | 17.0 | 3:42 | 17.6 | 9:42 | 4.3 | 10:08 | -0.4 | 9:52 | 4:07 |  |
| 11 | Tue | 4:51 | 16.2 | 4:19 | 16.5 | 10:22 | 5.1 | 10:46 | 0.8 | 9:54 | 4:07 |  |
| 12 | Wed | 5:32 | 15.4 | 4:59 | 15.2 | 11:05 | 5.9 | 11:26 | 2.0 | 9:55 | 4:07 |  |
| 13 | Thu | 6:17 | 14.6 | 5:46 | 13.9 | 11:54 | 6.6 | | | 9:56 | 4:06 |  |
| 14 | Fri | 7:07 | 14.1 | 6:45 | 12.7 | 12:12 | 3.3 | 12:53 | 7.0 | 9:57 | 4:06 |  |
| 15 | Sat | 8:02 | 13.9 | 7:59 | 11.9 | 1:05 | 4.4 | 2:03 | 6.9 | 9:58 | 4:06 |  |
| 16 | Sun | 8:59 | 14.2 | 9:20 | 12.0 | 2:07 | 5.2 | 3:16 | 6.0 | 9:59 | 4:06 |  |
| 17 | Mon | 9:52 | 14.9 | 10:33 | 12.8 | 3:12 | 5.5 | 4:19 | 4.5 | 10:00 | 4:06 |  |
| 18 | Tue | 10:40 | 16.0 | 11:32 | 14.0 | 4:13 | 5.3 | 5:11 | 2.6 | 10:01 | 4:06 |  |
| 19 | Wed | 11:24 | 17.3 | | | 5:07 | 4.8 | 5:56 | 0.6 | 10:02 | 4:07 |  |
| 20 | Thu | 12:23 | 15.4 | 12:07 | 18.6 | 5:56 | 4.1 | 6:38 | -1.3 | 10:02 | 4:07 |  |
| 21 | Fri | 1:10 | 16.8 | 12:51 | 19.8 | 6:42 | 3.3 | 7:21 | -2.9 | 10:03 | 4:07 |  |
| 22 | Sat | 1:56 | 17.9 | 1:35 | 20.7 | 7:27 | 2.6 | 8:03 | -4.1 | 10:03 | 4:08 |  |
| 23 | Sun | 2:40 | 18.8 | 2:20 | 21.2 | 8:12 | 2.1 | 8:47 | -4.7 | 10:03 | 4:09 |  |
| 24 | Mon | 3:25 | 19.2 | 3:06 | 21.1 | 8:58 | 1.9 | 9:31 | -4.5 | 10:04 | 4:09 |  |
| 25 | Tue | 4:11 | 19.2 | 3:54 | 20.4 | 9:46 | 2.0 | 10:17 | -3.7 | 10:04 | 4:10 |  |
| 26 | Wed | 4:58 | 18.8 | 4:45 | 19.1 | 10:37 | 2.4 | 11:06 | -2.3 | 10:04 | 4:11 |  |
| 27 | Thu | 5:48 | 18.1 | 5:41 | 17.4 | 11:33 | 3.0 | 11:59 | -0.5 | 10:04 | 4:12 |  |
| 28 | Fri | 6:43 | 17.4 | 6:46 | 15.6 | | | 12:36 | 3.6 | 10:04 | 4:13 |  |
| 29 | Sat | 7:42 | 16.8 | 8:03 | 14.2 | 12:56 | 1.4 | 1:48 | 3.8 | 10:04 | 4:14 |  |
| 30 | Sun | 8:45 | 16.5 | 9:28 | 13.5 | 2:00 | 3.1 | 3:07 | 3.5 | 10:04 | 4:15 |  |
| 31 | Mon | 9:49 | 16.6 | 10:47 | 13.7 | 3:10 | 4.3 | 4:23 | 2.5 | 10:03 | 4:17 |  |