US HARBORS www.USHarbors.com

# Portland, OR - Nov 1859

| Date | | High | | | | Low | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | AM | ft | PM | ft | AM | ft | PM | ft | Rise | Set | Moon |
| 1 | Tue | 11:39 | 1.7 | 8:47 | 2.6 | 5:50 | 0.6 | 3:30 | 1.0 | 6:57 | 5:05 | |
| 2 | Wed | | | 12:33 | 1.9 | 6:47 | 0.7 | 4:28 | 1.1 | 6:58 | 5:04 | |
| 3 | Thu | | | 1:15 | 2.1 | 7:35 | 0.6 | 5:38 | 1.1 | 7:00 | 5:02 | |
| 4 | Fri | | | 1:46 | 2.3 | 8:13 | 0.6 | 7:19 | 1.0 | 7:01 | 5:01 | |
| 5 | Sat | 12:32 | 2.2 | 2:04 | 2.5 | 8:43 | 0.5 | 8:58 | 0.9 | 7:02 | 5:00 | |
| 6 | Sun | 1:39 | 2.2 | 2:23 | 2.8 | 9:07 | 0.5 | 10:04 | 0.6 | 7:04 | 4:58 | |
| 7 | Mon | 2:31 | 2.2 | 2:48 | 3.0 | 9:29 | 0.5 | 10:59 | 0.5 | 7:05 | 4:57 | |
| 8 | Tue | 3:14 | 2.2 | 3:17 | 3.3 | 9:53 | 0.4 | 11:50 | 0.3 | 7:07 | 4:56 | |
| 9 | Wed | 3:55 | 2.2 | 3:50 | 3.6 | 10:23 | 0.5 | | | 7:08 | 4:54 | |
| 10 | Thu | 4:34 | 2.1 | 4:24 | 3.8 | 12:37 | 0.2 | 10:59 AM | 0.5 | 7:09 | 4:53 | |
| 11 | Fri | 5:13 | 2.0 | 5:01 | 3.9 | 1:23 | 0.2 | 11:39 AM | 0.6 | 7:11 | 4:52 | |
| 12 | Sat | 5:54 | 1.9 | 5:41 | 3.9 | 2:07 | 0.2 | 12:23 | 0.7 | 7:12 | 4:51 | |
| 13 | Sun | 6:37 | 1.8 | 6:24 | 3.8 | 2:52 | 0.2 | 1:09 | 0.7 | 7:14 | 4:50 | |
| 14 | Mon | 7:24 | 1.7 | 7:10 | 3.6 | 3:38 | 0.3 | 1:58 | 0.8 | 7:15 | 4:49 | |
| 15 | Tue | 8:20 | 1.6 | 8:02 | 3.4 | 4:27 | 0.3 | 2:50 | 0.9 | 7:16 | 4:48 | |
| 16 | Wed | 9:25 | 1.7 | 9:02 | 3.0 | 5:19 | 0.4 | 3:50 | 1.0 | 7:18 | 4:47 | |
| 17 | Thu | 10:38 | 1.9 | 10:11 | 2.7 | 6:11 | 0.4 | 5:10 | 1.1 | 7:19 | 4:46 | |
| 18 | Fri | 11:48 | 2.2 | 11:27 | 2.4 | 7:01 | 0.3 | 7:03 | 1.1 | 7:20 | 4:45 | |
| 19 | Sat | | | 12:46 | 2.6 | 7:46 | 0.3 | 8:39 | 0.8 | 7:22 | 4:44 | |
| 20 | Sun | 12:42 | 2.3 | 1:33 | 3.0 | 8:27 | 0.2 | 9:50 | 0.6 | 7:23 | 4:43 | |
| 21 | Mon | 1:49 | 2.2 | 2:16 | 3.3 | 9:05 | 0.2 | 10:50 | 0.3 | 7:25 | 4:42 | |
| 22 | Tue | 2:46 | 2.1 | 2:56 | 3.5 | 9:41 | 0.3 | 11:44 | 0.1 | 7:26 | 4:41 | |
| 23 | Wed | 3:36 | 2.1 | 3:34 | 3.6 | 10:17 | 0.3 | | | 7:27 | 4:41 | |
| 24 | Thu | 4:23 | 2.0 | 4:11 | 3.6 | 12:33 | 0.0 | 10:54 AM | 0.5 | 7:28 | 4:40 | |
| 25 | Fri | 5:08 | 2.0 | 4:49 | 3.6 | 1:20 | 0.0 | 11:33 AM | 0.6 | 7:30 | 4:39 | |
| 26 | Sat | 5:52 | 1.9 | 5:26 | 3.5 | 2:05 | 0.1 | 12:16 | 0.7 | 7:31 | 4:38 | |
| 27 | Sun | 6:37 | 1.9 | 6:05 | 3.3 | 2:48 | 0.2 | 12:59 | 0.8 | 7:32 | 4:38 | |
| 28 | Mon | 7:24 | 1.8 | 6:46 | 3.1 | 3:30 | 0.3 | 1:42 | 0.8 | 7:34 | 4:37 | |
| 29 | Tue | 8:16 | 1.8 | 7:31 | 2.9 | 4:10 | 0.5 | 2:27 | 0.9 | 7:35 | 4:37 | |
| 30 | Wed | 9:18 | 1.8 | 8:22 | 2.6 | 4:48 | 0.6 | 3:16 | 1.0 | 7:36 | 4:36 | |