US HARBORS www.USHarbors.com

# Portland, OR - Nov 1854

| Date | | High | | | | Low | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | AM | ft | PM | ft | AM | ft | PM | ft | Rise | Set | Moon |
| 1 | Wed | 1:25 | 2.5 | 2:36 | 2.8 | 9:52 | 0.1 | 10:16 | 0.5 | 6:57 | 5:05 | |
| 2 | Thu | 2:26 | 2.5 | 3:11 | 3.1 | 10:30 | 0.1 | 11:14 | 0.4 | 6:58 | 5:03 | |
| 3 | Fri | 3:17 | 2.5 | 3:45 | 3.3 | 11:04 | 0.2 | | | 7:00 | 5:02 | |
| 4 | Sat | 4:04 | 2.4 | 4:19 | 3.5 | 12:07 | 0.2 | 11:35 AM | 0.3 | 7:01 | 5:01 | |
| 5 | Sun | 4:48 | 2.3 | 4:52 | 3.5 | 12:56 | 0.2 | 12:01 | 0.4 | 7:03 | 4:59 | |
| 6 | Mon | 5:31 | 2.1 | 5:26 | 3.5 | 1:42 | 0.2 | 12:20 | 0.5 | 7:04 | 4:58 | |
| 7 | Tue | 6:14 | 2.0 | 6:00 | 3.5 | 2:27 | 0.3 | 12:42 | 0.6 | 7:05 | 4:57 | |
| 8 | Wed | 7:00 | 1.8 | 6:37 | 3.4 | 3:12 | 0.4 | 1:16 | 0.7 | 7:07 | 4:55 | |
| 9 | Thu | 7:51 | 1.7 | 7:16 | 3.2 | 3:58 | 0.5 | 1:58 | 0.8 | 7:08 | 4:54 | |
| 10 | Fri | 8:55 | 1.6 | 8:00 | 2.9 | 4:47 | 0.6 | 2:45 | 0.9 | 7:10 | 4:53 | |
| 11 | Sat | | | 12:08 | 1.7 | 5:42 | 0.6 | 3:39 | 1.0 | 7:11 | 4:52 | |
| 12 | Sun | | | 12:55 | 1.9 | 6:37 | 0.6 | 4:39 | 1.1 | 7:13 | 4:51 | |
| 13 | Mon | | | 1:34 | 2.1 | 7:24 | 0.6 | 5:52 | 1.1 | 7:14 | 4:50 | |
| 14 | Tue | | | 1:54 | 2.3 | 8:02 | 0.5 | 7:34 | 1.1 | 7:15 | 4:48 | |
| 15 | Wed | 12:34 | 2.3 | 1:56 | 2.5 | 8:34 | 0.4 | 9:07 | 0.9 | 7:17 | 4:47 | |
| 16 | Thu | 1:38 | 2.3 | 2:18 | 2.8 | 9:03 | 0.4 | 10:13 | 0.7 | 7:18 | 4:46 | |
| 17 | Fri | 2:30 | 2.3 | 2:48 | 3.1 | 9:31 | 0.3 | 11:09 | 0.5 | 7:19 | 4:45 | |
| 18 | Sat | 3:16 | 2.3 | 3:21 | 3.4 | 10:02 | 0.3 | | | 7:21 | 4:45 | |
| 19 | Sun | 3:58 | 2.2 | 3:57 | 3.7 | 12:00 | 0.3 | 10:35 AM | 0.3 | 7:22 | 4:44 | |
| 20 | Mon | 4:40 | 2.1 | 4:35 | 4.0 | 12:49 | 0.2 | 11:13 AM | 0.4 | 7:23 | 4:43 | |
| 21 | Tue | 5:23 | 2.0 | 5:15 | 4.1 | 1:36 | 0.1 | 11:55 AM | 0.5 | 7:25 | 4:42 | |
| 22 | Wed | 6:07 | 1.9 | 5:57 | 4.1 | 2:23 | 0.1 | 12:41 | 0.5 | 7:26 | 4:41 | |
| 23 | Thu | 6:55 | 1.8 | 6:42 | 3.9 | 3:11 | 0.1 | 1:29 | 0.6 | 7:27 | 4:40 | |
| 24 | Fri | 7:48 | 1.7 | 7:31 | 3.6 | 4:01 | 0.2 | 2:21 | 0.7 | 7:29 | 4:40 | |
| 25 | Sat | 8:51 | 1.7 | 8:25 | 3.2 | 4:55 | 0.3 | 3:17 | 0.9 | 7:30 | 4:39 | |
| 26 | Sun | 10:06 | 1.8 | 9:28 | 2.8 | 5:51 | 0.3 | 4:24 | 1.0 | 7:31 | 4:38 | |
| 27 | Mon | 11:29 | 2.0 | 10:40 | 2.5 | 6:46 | 0.3 | 5:57 | 1.1 | 7:33 | 4:38 | |
| 28 | Tue | | | 12:35 | 2.3 | 7:36 | 0.3 | 7:45 | 1.0 | 7:34 | 4:37 | |
| 29 | Wed | | | 1:21 | 2.7 | 8:21 | 0.3 | 9:07 | 0.7 | 7:35 | 4:37 | |
| 30 | Thu | 1:10 | 2.2 | 2:00 | 3.0 | 9:01 | 0.3 | 10:11 | 0.5 | 7:36 | 4:36 | |