US HARBORS www.USHarbors.com

# Portland, OR - Dec 2047

| Date | | High | | | | Low | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | AM | ft | PM | ft | AM | ft | PM | ft | Rise | Set | Moon |
| 1 | Sun | 4:12 | 2.1 | 3:45 | 3.4 | 12:09 | 0.1 | 9:56 AM | 0.7 | 7:30 | 4:28 | |
| 2 | Mon | 4:51 | 2.0 | 4:21 | 3.5 | 12:50 | 0.1 | 10:49 AM | 0.7 | 7:31 | 4:28 | |
| 3 | Tue | 5:28 | 2.0 | 4:59 | 3.5 | 1:30 | 0.1 | 11:43 AM | 0.7 | 7:32 | 4:28 | |
| 4 | Wed | 6:05 | 1.9 | 5:37 | 3.5 | 2:07 | 0.2 | 12:34 | 0.8 | 7:33 | 4:27 | |
| 5 | Thu | 6:43 | 1.9 | 6:18 | 3.4 | 2:42 | 0.2 | 1:22 | 0.8 | 7:34 | 4:27 | |
| 6 | Fri | 7:23 | 1.9 | 7:01 | 3.2 | 3:16 | 0.3 | 2:09 | 0.9 | 7:35 | 4:27 | |
| 7 | Sat | 8:08 | 1.9 | 7:48 | 3.0 | 3:48 | 0.4 | 2:56 | 1.0 | 7:36 | 4:27 | |
| 8 | Sun | 8:58 | 2.0 | 8:41 | 2.7 | 4:19 | 0.4 | 3:47 | 1.1 | 7:37 | 4:27 | |
| 9 | Mon | 9:53 | 2.2 | 9:43 | 2.4 | 4:52 | 0.4 | 4:49 | 1.2 | 7:38 | 4:27 | |
| 10 | Tue | 10:50 | 2.5 | 10:54 | 2.2 | 5:26 | 0.4 | 6:26 | 1.2 | 7:39 | 4:27 | |
| 11 | Wed | 11:45 | 2.8 | | | 6:04 | 0.3 | 8:18 | 1.0 | 7:40 | 4:27 | |
| 12 | Thu | 12:08 | 2.0 | 12:38 | 3.1 | 6:44 | 0.3 | 9:34 | 0.7 | 7:41 | 4:27 | |
| 13 | Fri | 1:18 | 1.9 | 1:29 | 3.5 | 7:27 | 0.3 | 10:34 | 0.4 | 7:42 | 4:27 | |
| 14 | Sat | 2:19 | 1.9 | 2:18 | 3.7 | 8:14 | 0.3 | 11:27 | 0.1 | 7:43 | 4:27 | |
| 15 | Sun | 3:14 | 1.9 | 3:06 | 3.9 | 9:10 | 0.3 | | | 7:43 | 4:27 | |
| 16 | Mon | 4:04 | 2.0 | 3:52 | 3.9 | 12:17 | -0.1 | 10:23 AM | 0.4 | 7:44 | 4:28 | |
| 17 | Tue | 4:52 | 2.0 | 4:38 | 3.8 | 1:04 | -0.2 | 11:36 AM | 0.5 | 7:45 | 4:28 | |
| 18 | Wed | 5:39 | 2.1 | 5:23 | 3.7 | 1:49 | -0.2 | 12:37 | 0.5 | 7:45 | 4:28 | |
| 19 | Thu | 6:26 | 2.1 | 6:09 | 3.4 | 2:32 | -0.1 | 1:32 | 0.6 | 7:46 | 4:29 | |
| 20 | Fri | 7:15 | 2.1 | 6:56 | 3.1 | 3:14 | 0.0 | 2:24 | 0.7 | 7:47 | 4:29 | |
| 21 | Sat | 8:07 | 2.1 | 7:45 | 2.7 | 3:55 | 0.2 | 3:16 | 0.8 | 7:47 | 4:29 | |
| 22 | Sun | 9:03 | 2.2 | 8:40 | 2.4 | 4:33 | 0.3 | 4:13 | 1.0 | 7:48 | 4:30 | |
| 23 | Mon | 10:01 | 2.3 | 9:45 | 2.1 | 5:07 | 0.5 | 5:29 | 1.1 | 7:48 | 4:31 | |
| 24 | Tue | 10:56 | 2.4 | 11:02 | 1.9 | 5:34 | 0.6 | 7:07 | 1.1 | 7:48 | 4:31 | |
| 25 | Wed | 11:45 | 2.6 | | | 5:49 | 0.6 | 8:28 | 0.9 | 7:49 | 4:32 | |
| 26 | Thu | 12:27 | 1.8 | 12:30 | 2.7 | 6:12 | 0.6 | 9:29 | 0.6 | 7:49 | 4:32 | |
| 27 | Fri | 1:40 | 1.9 | 1:13 | 2.9 | 6:49 | 0.7 | 10:20 | 0.4 | 7:49 | 4:33 | |
| 28 | Sat | 2:36 | 1.9 | 1:55 | 3.0 | 7:35 | 0.7 | 11:07 | 0.2 | 7:50 | 4:34 | |
| 29 | Sun | 3:22 | 2.0 | 2:37 | 3.2 | 8:27 | 0.7 | 11:50 | 0.1 | 7:50 | 4:35 | |
| 30 | Mon | 4:01 | 2.0 | 3:18 | 3.3 | 9:27 | 0.7 | | | 7:50 | 4:36 | |

| Date | | High | | | | Low | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | AM | ft | PM | ft | AM | ft | PM | ft | Rise | Set | Moon |
| 31 | Tue | **4:37** | 2.0 | **3:59** | 3.3 | **12:30** | 0.1 | **10:35 AM** | 0.7 | 7:50 | 4:36 | |