US HARBORS www.USHarbors.com

# Portland, OR - Dec 2053

| Date | | High | | | | Low | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | AM | ft | PM | ft | AM | ft | PM | ft | Rise | Set | Moon |
| 1 | Mon | 9:10 | 2.1 | 9:00 | 2.9 | 4:58 | 0.3 | 4:12 | 0.9 | 7:31 | 4:28 | |
| 2 | Tue | 10:18 | 2.2 | 10:06 | 2.6 | 5:51 | 0.3 | 5:36 | 1.0 | 7:32 | 4:28 | |
| 3 | Wed | 11:27 | 2.4 | 11:20 | 2.3 | 6:45 | 0.3 | 7:17 | 1.0 | 7:33 | 4:28 | |
| 4 | Thu | | | 12:28 | 2.6 | 7:37 | 0.3 | 8:39 | 0.8 | 7:34 | 4:27 | |
| 5 | Fri | 12:35 | 2.2 | 1:18 | 2.8 | 8:24 | 0.3 | 9:44 | 0.5 | 7:35 | 4:27 | |
| 6 | Sat | 1:41 | 2.2 | 2:01 | 3.0 | 9:08 | 0.4 | 10:40 | 0.3 | 7:36 | 4:27 | |
| 7 | Sun | 2:38 | 2.2 | 2:41 | 3.2 | 9:49 | 0.4 | 11:31 | 0.2 | 7:37 | 4:27 | |
| 8 | Mon | 3:26 | 2.2 | 3:19 | 3.3 | 10:26 | 0.5 | | | 7:38 | 4:27 | |
| 9 | Tue | 4:11 | 2.2 | 3:56 | 3.4 | 12:17 | 0.1 | 11:00 AM | 0.6 | 7:39 | 4:27 | |
| 10 | Wed | 4:53 | 2.2 | 4:33 | 3.4 | 1:01 | 0.1 | 11:34 AM | 0.6 | 7:40 | 4:27 | |
| 11 | Thu | 5:34 | 2.2 | 5:11 | 3.4 | 1:42 | 0.1 | 12:10 | 0.7 | 7:41 | 4:27 | |
| 12 | Fri | 6:14 | 2.1 | 5:50 | 3.4 | 2:20 | 0.2 | 12:50 | 0.7 | 7:42 | 4:27 | |
| 13 | Sat | 6:55 | 2.1 | 6:30 | 3.2 | 2:56 | 0.3 | 1:32 | 0.7 | 7:42 | 4:27 | |
| 14 | Sun | 7:38 | 2.0 | 7:13 | 3.0 | 3:28 | 0.4 | 2:16 | 0.8 | 7:43 | 4:27 | |
| 15 | Mon | 8:25 | 2.0 | 8:00 | 2.8 | 3:56 | 0.5 | 3:02 | 0.9 | 7:44 | 4:27 | |
| 16 | Tue | 9:17 | 2.1 | 8:53 | 2.6 | 4:23 | 0.5 | 3:53 | 1.0 | 7:45 | 4:28 | |
| 17 | Wed | 10:12 | 2.2 | 9:55 | 2.3 | 4:54 | 0.5 | 4:52 | 1.1 | 7:45 | 4:28 | |
| 18 | Thu | 11:06 | 2.3 | 11:05 | 2.1 | 5:31 | 0.5 | 6:15 | 1.1 | 7:46 | 4:28 | |
| 19 | Fri | 11:58 | 2.6 | | | 6:13 | 0.5 | 8:09 | 1.0 | 7:46 | 4:29 | |
| 20 | Sat | 12:16 | 2.0 | 12:46 | 2.8 | 6:58 | 0.5 | 9:26 | 0.8 | 7:47 | 4:29 | |
| 21 | Sun | 1:21 | 2.0 | 1:33 | 3.1 | 7:45 | 0.4 | 10:25 | 0.5 | 7:47 | 4:30 | |
| 22 | Mon | 2:17 | 2.1 | 2:18 | 3.4 | 8:34 | 0.5 | 11:17 | 0.3 | 7:48 | 4:30 | |
| 23 | Tue | 3:07 | 2.1 | 3:03 | 3.6 | 9:30 | 0.5 | | | 7:48 | 4:31 | |
| 24 | Wed | 3:54 | 2.1 | 3:48 | 3.8 | 12:04 | 0.1 | 10:34 AM | 0.5 | 7:49 | 4:31 | |
| 25 | Thu | 4:39 | 2.2 | 4:33 | 3.9 | 12:50 | 0.0 | 11:37 AM | 0.5 | 7:49 | 4:32 | |
| 26 | Fri | 5:23 | 2.2 | 5:19 | 3.9 | 1:34 | -0.1 | 12:34 | 0.5 | 7:49 | 4:33 | |
| 27 | Sat | 6:09 | 2.2 | 6:06 | 3.7 | 2:16 | -0.1 | 1:28 | 0.6 | 7:50 | 4:34 | |
| 28 | Sun | 6:57 | 2.3 | 6:54 | 3.4 | 2:58 | -0.1 | 2:21 | 0.6 | 7:50 | 4:34 | |
| 29 | Mon | 7:49 | 2.3 | 7:46 | 3.1 | 3:39 | 0.0 | 3:16 | 0.7 | 7:50 | 4:35 | |
| 30 | Tue | 8:44 | 2.4 | 8:43 | 2.7 | 4:21 | 0.1 | 4:19 | 0.9 | 7:50 | 4:36 | |

| Date | | High | | | | Low | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | AM | ft | PM | ft | AM | ft | PM | ft | Rise | Set | Moon |
| 31 | Wed | **9:43** | 2.4 | **9:48** | 2.4 | **5:04** | 0.2 | **5:35** | 1.0 | 7:50 | 4:37 | |