US HARBORS www.USHarbors.com

# Columbia River entrance, WA - Jan 1891

| Date | | High | | | | Low | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | AM | ft | PM | ft | AM | ft | PM | ft | Rise | Set | Moon |
| 1 | Thu | **4:51** | 6.8 | **4:02** | 6.2 | **10:19** | 3.6 | **10:22** | 1.5 | 7:59 | 4:40 | |
| 2 | Fri | **5:29** | 6.9 | **5:05** | 5.6 | **11:19** | 3.4 | **11:04** | 2.0 | 7:59 | 4:41 | |
| 3 | Sat | **6:09** | 7.0 | **6:24** | 5.2 | | | **12:26** | 3.0 | 7:59 | 4:42 | |
| 4 | Sun | **6:52** | 7.3 | **7:50** | 5.1 | | | **1:34** | 2.4 | 7:59 | 4:43 | |
| 5 | Mon | **7:38** | 7.6 | **9:08** | 5.3 | **12:55** | 3.2 | **2:36** | 1.7 | 7:59 | 4:44 | |
| 6 | Tue | **8:26** | 8.0 | **10:15** | 5.8 | **1:58** | 3.6 | **3:32** | 0.9 | 7:59 | 4:45 | |
| 7 | Wed | **9:14** | 8.4 | **11:11** | 6.3 | **2:58** | 3.9 | **4:24** | 0.2 | 7:58 | 4:47 | |
| 8 | Thu | **10:03** | 8.8 | | | **3:55** | 4.0 | **5:13** | -0.5 | 7:58 | 4:48 | |
| 9 | Fri | **12:02** | 6.7 | **10:53 AM** | 9.2 | **4:50** | 3.9 | **6:00** | -1.0 | 7:58 | 4:49 | |
| 10 | Sat | **12:49** | 7.0 | **11:42 AM** | 9.4 | **5:44** | 3.8 | **6:46** | -1.3 | 7:57 | 4:50 | |
| 11 | Sun | **1:34** | 7.3 | **12:33** | 9.5 | **6:36** | 3.5 | **7:30** | -1.4 | 7:57 | 4:51 | |
| 12 | Mon | **2:18** | 7.5 | **1:24** | 9.3 | **7:27** | 3.1 | **8:13** | -1.2 | 7:56 | 4:53 | |
| 13 | Tue | **3:01** | 7.7 | **2:16** | 8.9 | **8:19** | 2.8 | **8:56** | -0.9 | 7:56 | 4:54 | |
| 14 | Wed | **3:43** | 7.8 | **3:12** | 8.2 | **9:13** | 2.5 | **9:38** | -0.3 | 7:55 | 4:55 | |
| 15 | Thu | **4:27** | 7.9 | **4:12** | 7.3 | **10:11** | 2.3 | **10:22** | 0.5 | 7:55 | 4:56 | |
| 16 | Fri | **5:12** | 8.0 | **5:19** | 6.5 | **11:15** | 2.1 | **11:10** | 1.4 | 7:54 | 4:58 | |
| 17 | Sat | **6:00** | 8.1 | **6:35** | 5.9 | | | **12:26** | 1.8 | 7:53 | 4:59 | |
| 18 | Sun | **6:52** | 8.1 | **7:56** | 5.6 | **12:05** | 2.3 | **1:38** | 1.3 | 7:53 | 5:00 | |
| 19 | Mon | **7:46** | 8.1 | **9:14** | 5.8 | **1:07** | 3.0 | **2:45** | 0.8 | 7:52 | 5:02 | |
| 20 | Tue | **8:40** | 8.2 | **10:20** | 6.1 | **2:11** | 3.6 | **3:45** | 0.4 | 7:51 | 5:03 | |
| 21 | Wed | **9:32** | 8.3 | **11:15** | 6.5 | **3:12** | 3.8 | **4:36** | 0.0 | 7:50 | 5:05 | |
| 22 | Thu | **10:20** | 8.3 | | | **4:08** | 3.9 | **5:22** | -0.2 | 7:49 | 5:06 | |
| 23 | Fri | **12:02** | 6.8 | **11:05 AM** | 8.3 | **5:00** | 3.9 | **6:04** | -0.3 | 7:49 | 5:07 | |
| 24 | Sat | **12:44** | 7.0 | **11:46 AM** | 8.2 | **5:46** | 3.7 | **6:41** | -0.2 | 7:48 | 5:09 | |
| 25 | Sun | **1:22** | 7.1 | **12:26** | 8.1 | **6:29** | 3.5 | **7:15** | -0.2 | 7:47 | 5:10 | |
| 26 | Mon | **1:57** | 7.1 | **1:03** | 7.9 | **7:09** | 3.3 | **7:45** | 0.0 | 7:46 | 5:12 | |
| 27 | Tue | **2:29** | 7.1 | **1:39** | 7.6 | **7:47** | 3.1 | **8:13** | 0.2 | 7:45 | 5:13 | |
| 28 | Wed | **2:58** | 7.1 | **2:16** | 7.3 | **8:24** | 2.9 | **8:39** | 0.5 | 7:43 | 5:15 | |
| 29 | Thu | **3:26** | 7.2 | **2:56** | 6.8 | **9:01** | 2.8 | **9:06** | 1.0 | 7:42 | 5:16 | |
| 30 | Fri | **3:53** | 7.2 | **3:40** | 6.2 | **9:42** | 2.6 | **9:35** | 1.5 | 7:41 | 5:18 | |

| Date | | High | | | | Low | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | AM | ft | PM | ft | AM | ft | PM | ft | Rise | Set | Moon |
| 31 | Sat | **4:22** | 7.3 | **4:35** | 5.7 | **10:29** | 2.5 | **10:10** | 2.2 | 7:40 | 5:19 | |