US HARBORS www.USHarbors.com

# Columbia River entrance, WA - Jul 1997

| Date | | High | | | | Low | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | AM | ft | PM | ft | AM | ft | PM | ft | Rise | Set | Moon |
| 1 | Tue | 11:17 | 5.9 | 10:55 | 8.1 | 4:51 | -0.4 | 4:30 | 2.2 | 5:28 | 9:11 | |
| 2 | Wed | | | 12:12 | 6.2 | 5:43 | -0.8 | 5:24 | 2.3 | 5:29 | 9:11 | |
| 3 | Thu | | | 1:02 | 6.5 | 6:31 | -1.0 | 6:14 | 2.4 | 5:29 | 9:11 | |
| 4 | Fri | 12:25 | 8.1 | 1:48 | 6.6 | 7:14 | -1.1 | 7:02 | 2.4 | 5:30 | 9:11 | |
| 5 | Sat | 1:07 | 7.9 | 2:31 | 6.7 | 7:54 | -1.0 | 7:46 | 2.5 | 5:31 | 9:10 | |
| 6 | Sun | 1:47 | 7.6 | 3:11 | 6.6 | 8:31 | -0.8 | 8:29 | 2.4 | 5:31 | 9:10 | |
| 7 | Mon | 2:26 | 7.3 | 3:49 | 6.6 | 9:05 | -0.6 | 9:10 | 2.4 | 5:32 | 9:09 | |
| 8 | Tue | 3:05 | 7.0 | 4:24 | 6.5 | 9:37 | -0.3 | 9:51 | 2.3 | 5:33 | 9:09 | |
| 9 | Wed | 3:45 | 6.5 | 4:59 | 6.5 | 10:08 | 0.1 | 10:33 | 2.3 | 5:34 | 9:08 | |
| 10 | Thu | 4:28 | 6.0 | 5:34 | 6.5 | 10:41 | 0.5 | 11:20 | 2.3 | 5:35 | 9:08 | |
| 11 | Fri | 5:17 | 5.5 | 6:11 | 6.5 | 11:17 | 1.0 | | | 5:35 | 9:07 | |
| 12 | Sat | 6:18 | 5.0 | 6:54 | 6.5 | 12:16 | 2.2 | 12:00 | 1.6 | 5:36 | 9:07 | |
| 13 | Sun | 7:30 | 4.7 | 7:41 | 6.7 | 1:19 | 2.0 | 12:54 | 2.1 | 5:37 | 9:06 | |
| 14 | Mon | 8:48 | 4.6 | 8:32 | 6.9 | 2:26 | 1.6 | 1:56 | 2.5 | 5:38 | 9:05 | |
| 15 | Tue | 10:00 | 4.8 | 9:25 | 7.2 | 3:28 | 1.0 | 3:00 | 2.7 | 5:39 | 9:04 | |
| 16 | Wed | 11:02 | 5.2 | 10:17 | 7.6 | 4:24 | 0.4 | 4:00 | 2.8 | 5:40 | 9:04 | |
| 17 | Thu | 11:56 | 5.7 | 11:08 | 7.9 | 5:16 | -0.3 | 4:57 | 2.7 | 5:41 | 9:03 | |
| 18 | Fri | | | 12:45 | 6.1 | 6:04 | -0.8 | 5:51 | 2.5 | 5:42 | 9:02 | |
| 19 | Sat | | | 1:30 | 6.5 | 6:50 | -1.3 | 6:43 | 2.2 | 5:43 | 9:01 | |
| 20 | Sun | 12:47 | 8.4 | 2:14 | 6.8 | 7:35 | -1.6 | 7:34 | 1.8 | 5:44 | 9:00 | |
| 21 | Mon | 1:36 | 8.4 | 2:57 | 7.1 | 8:18 | -1.6 | 8:25 | 1.5 | 5:45 | 8:59 | |
| 22 | Tue | 2:26 | 8.3 | 3:39 | 7.3 | 9:00 | -1.5 | 9:16 | 1.2 | 5:46 | 8:58 | |
| 23 | Wed | 3:18 | 7.9 | 4:22 | 7.4 | 9:42 | -1.2 | 10:08 | 1.0 | 5:47 | 8:57 | |
| 24 | Thu | 4:13 | 7.3 | 5:07 | 7.5 | 10:25 | -0.6 | 11:05 | 0.9 | 5:49 | 8:56 | |
| 25 | Fri | 5:13 | 6.6 | 5:54 | 7.5 | 11:11 | 0.1 | | | 5:50 | 8:55 | |
| 26 | Sat | 6:19 | 5.9 | 6:46 | 7.5 | 12:08 | 0.8 | 12:03 | 0.9 | 5:51 | 8:54 | |
| 27 | Sun | 7:32 | 5.4 | 7:42 | 7.4 | 1:17 | 0.7 | 1:02 | 1.6 | 5:52 | 8:53 | |
| 28 | Mon | 8:49 | 5.2 | 8:42 | 7.4 | 2:28 | 0.5 | 2:07 | 2.1 | 5:53 | 8:51 | |
| 29 | Tue | 10:01 | 5.4 | 9:40 | 7.4 | 3:35 | 0.1 | 3:13 | 2.4 | 5:54 | 8:50 | |
| 30 | Wed | 11:04 | 5.7 | 10:35 | 7.5 | 4:34 | -0.3 | 4:14 | 2.4 | 5:56 | 8:49 | |
| 31 | Thu | 11:57 | 6.1 | 11:25 | 7.6 | 5:26 | -0.6 | 5:09 | 2.3 | 5:57 | 8:48 | |