



Columbia River entrance, WA - Jan 1991

| Date | | High | | | | Low | | | |  | |  |
|------|-----|-------|-----|----------|-----|-------|-----|-------|------|---|------|---|
| | | AM | ft | PM | ft | AM | ft | PM | ft | Rise | Set | Moon |
| 1 | Tue | 1:10 | 7.5 | 12:19 | 9.5 | 6:16 | 3.2 | 7:14 | -1.4 | 7:59 | 4:40 | ☉ |
| 2 | Wed | 1:56 | 7.7 | 1:11 | 9.2 | 7:10 | 2.8 | 7:58 | -1.2 | 7:59 | 4:41 | ☉ |
| 3 | Thu | 2:40 | 7.9 | 2:02 | 8.7 | 8:03 | 2.5 | 8:39 | -0.7 | 7:59 | 4:42 | ☉ |
| 4 | Fri | 3:22 | 8.0 | 2:55 | 7.9 | 8:55 | 2.3 | 9:18 | -0.1 | 7:59 | 4:43 | ☾ |
| 5 | Sat | 4:04 | 8.0 | 3:49 | 7.1 | 9:48 | 2.2 | 9:57 | 0.7 | 7:58 | 4:44 | ☾ |
| 6 | Sun | 4:45 | 8.0 | 4:49 | 6.3 | 10:45 | 2.2 | 10:38 | 1.6 | 7:58 | 4:45 | ☾ |
| 7 | Mon | 5:28 | 7.9 | 5:58 | 5.6 | 11:48 | 2.1 | 11:24 | 2.5 | 7:58 | 4:46 | ☾ |
| 8 | Tue | 6:13 | 7.8 | 7:14 | 5.2 | | | 12:56 | 1.9 | 7:58 | 4:47 | ☾ |
| 9 | Wed | 7:02 | 7.8 | 8:32 | 5.3 | 12:18 | 3.3 | 2:03 | 1.6 | 7:57 | 4:48 | ☾ |
| 10 | Thu | 7:53 | 7.7 | 9:42 | 5.6 | 1:20 | 3.8 | 3:04 | 1.2 | 7:57 | 4:50 | ☾ |
| 11 | Fri | 8:45 | 7.8 | 10:39 | 6.0 | 2:22 | 4.2 | 3:56 | 0.8 | 7:57 | 4:51 | ☾ |
| 12 | Sat | 9:34 | 7.9 | 11:26 | 6.4 | 3:21 | 4.2 | 4:42 | 0.4 | 7:56 | 4:52 | ☾ |
| 13 | Sun | 10:20 | 8.0 | | | 4:13 | 4.1 | 5:23 | 0.2 | 7:56 | 4:53 | ☾ |
| 14 | Mon | 12:08 | 6.7 | 11:02 AM | 8.1 | 5:01 | 4.0 | 6:00 | 0.0 | 7:55 | 4:55 | ☾ |
| 15 | Tue | 12:45 | 6.9 | 11:41 AM | 8.2 | 5:46 | 3.7 | 6:34 | -0.1 | 7:55 | 4:56 | ☾ |
| 16 | Wed | 1:20 | 7.0 | 12:20 | 8.2 | 6:27 | 3.5 | 7:06 | -0.2 | 7:54 | 4:57 | ☾ |
| 17 | Thu | 1:51 | 7.1 | 12:57 | 8.1 | 7:06 | 3.2 | 7:35 | -0.1 | 7:53 | 4:58 | ☾ |
| 18 | Fri | 2:20 | 7.3 | 1:36 | 7.8 | 7:44 | 2.8 | 8:03 | 0.0 | 7:53 | 5:00 | ☾ |
| 19 | Sat | 2:47 | 7.4 | 2:17 | 7.5 | 8:23 | 2.5 | 8:31 | 0.4 | 7:52 | 5:01 | ☾ |
| 20 | Sun | 3:14 | 7.7 | 3:02 | 7.0 | 9:04 | 2.3 | 9:01 | 0.9 | 7:51 | 5:03 | ☾ |
| 21 | Mon | 3:44 | 7.9 | 3:55 | 6.4 | 9:50 | 2.0 | 9:36 | 1.6 | 7:50 | 5:04 | ☾ |
| 22 | Tue | 4:20 | 8.1 | 5:01 | 5.7 | 10:46 | 1.9 | 10:18 | 2.4 | 7:49 | 5:05 | ☾ |
| 23 | Wed | 5:03 | 8.2 | 6:23 | 5.3 | 11:56 | 1.6 | 11:12 | 3.2 | 7:49 | 5:07 | ☾ |
| 24 | Thu | 5:57 | 8.3 | 7:53 | 5.2 | | | 1:16 | 1.3 | 7:48 | 5:08 | ☾ |
| 25 | Fri | 7:02 | 8.4 | 9:16 | 5.5 | 12:25 | 3.8 | 2:32 | 0.7 | 7:47 | 5:10 | ☾ |
| 26 | Sat | 8:13 | 8.6 | 10:23 | 6.1 | 1:49 | 4.1 | 3:38 | 0.0 | 7:46 | 5:11 | ☾ |
| 27 | Sun | 9:21 | 8.8 | 11:17 | 6.7 | 3:06 | 4.0 | 4:35 | -0.5 | 7:45 | 5:13 | ☾ |
| 28 | Mon | 10:24 | 9.0 | | | 4:13 | 3.6 | 5:25 | -1.0 | 7:43 | 5:14 | ☾ |
| 29 | Tue | 12:05 | 7.2 | 11:21 AM | 9.1 | 5:13 | 3.0 | 6:11 | -1.2 | 7:42 | 5:16 | ☾ |
| 30 | Wed | 12:48 | 7.6 | 12:13 | 9.1 | 6:07 | 2.5 | 6:53 | -1.1 | 7:41 | 5:17 | ☾ |
| 31 | Thu | 1:28 | 8.0 | 1:04 | 8.7 | 6:59 | 2.0 | 7:32 | -0.8 | 7:40 | 5:18 | ☾ |