US HARBORS www.USHarbors.com

# Knappa, Knappa Slough, OR - Dec 1879

| Date | | High | | | | Low | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | AM | ft | PM | ft | AM | ft | PM | ft | Rise | Set | Moon |
| 1 | Mon | **3:42** | 7.4 | **2:20** | 8.7 | **9:21** | 3.2 | **10:06** | -0.2 | 7:43 | 4:37 | |
| 2 | Tue | **4:20** | 7.3 | **2:57** | 8.6 | **10:00** | 3.2 | **10:39** | -0.1 | 7:44 | 4:37 | |
| 3 | Wed | **4:57** | 7.3 | **3:39** | 8.3 | **10:41** | 3.2 | **11:14** | 0.1 | 7:46 | 4:36 | |
| 4 | Thu | **5:36** | 7.3 | **4:28** | 7.8 | **11:29** | 3.0 | **11:53** | 0.4 | 7:47 | 4:36 | |
| 5 | Fri | **6:17** | 7.4 | **5:27** | 7.3 | | | **12:27** | 2.9 | 7:48 | 4:36 | |
| 6 | Sat | **7:00** | 7.7 | **6:40** | 6.7 | **12:38** | 0.8 | **1:35** | 2.5 | 7:49 | 4:36 | |
| 7 | Sun | **7:47** | 8.0 | **8:05** | 6.4 | **1:31** | 1.2 | **2:48** | 2.0 | 7:50 | 4:35 | |
| 8 | Mon | **8:35** | 8.5 | **9:30** | 6.4 | **2:30** | 1.7 | **3:57** | 1.2 | 7:51 | 4:35 | |
| 9 | Tue | **9:25** | 9.0 | **10:45** | 6.7 | **3:32** | 2.1 | **5:00** | 0.4 | 7:52 | 4:35 | |
| 10 | Wed | **10:15** | 9.5 | **11:50** | 7.1 | **4:33** | 2.5 | **5:57** | -0.3 | 7:53 | 4:35 | |
| 11 | Thu | **11:05** | 10.0 | | | **5:31** | 2.7 | **6:51** | -0.8 | 7:54 | 4:35 | |
| 12 | Fri | **12:48** | 7.5 | **11:55 AM** | 10.3 | **6:28** | 2.8 | **7:43** | -1.2 | 7:55 | 4:35 | |
| 13 | Sat | **1:42** | 7.8 | **12:46** | 10.3 | **7:24** | 2.8 | **8:33** | -1.4 | 7:55 | 4:35 | |
| 14 | Sun | **2:33** | 8.0 | **1:36** | 10.2 | **8:19** | 2.8 | **9:21** | -1.3 | 7:56 | 4:35 | |
| 15 | Mon | **3:22** | 8.1 | **2:27** | 9.9 | **9:14** | 2.6 | **10:07** | -1.1 | 7:57 | 4:36 | |
| 16 | Tue | **4:09** | 8.2 | **3:19** | 9.3 | **10:07** | 2.5 | **10:51** | -0.7 | 7:58 | 4:36 | |
| 17 | Wed | **4:56** | 8.2 | **4:12** | 8.6 | **11:01** | 2.4 | **11:34** | -0.1 | 7:58 | 4:36 | |
| 18 | Thu | **5:41** | 8.2 | **5:09** | 7.8 | **11:58** | 2.4 | | | 7:59 | 4:36 | |
| 19 | Fri | **6:27** | 8.2 | **6:12** | 7.0 | **12:16** | 0.5 | **1:00** | 2.3 | 8:00 | 4:37 | |
| 20 | Sat | **7:13** | 8.2 | **7:23** | 6.4 | **1:01** | 1.2 | **2:07** | 2.1 | 8:00 | 4:37 | |
| 21 | Sun | **7:59** | 8.2 | **8:40** | 6.1 | **1:50** | 1.9 | **3:15** | 1.7 | 8:01 | 4:38 | |
| 22 | Mon | **8:46** | 8.3 | **9:55** | 6.1 | **2:44** | 2.5 | **4:19** | 1.3 | 8:01 | 4:38 | |
| 23 | Tue | **9:33** | 8.4 | **11:02** | 6.4 | **3:40** | 2.9 | **5:15** | 0.8 | 8:02 | 4:39 | |
| 24 | Wed | **10:17** | 8.6 | **11:58** | 6.8 | **4:36** | 3.2 | **6:04** | 0.4 | 8:02 | 4:39 | |
| 25 | Thu | **11:00** | 8.7 | | | **5:29** | 3.4 | **6:48** | 0.1 | 8:03 | 4:40 | |
| 26 | Fri | **12:46** | 7.2 | **11:40 AM** | 8.8 | **6:18** | 3.5 | **7:29** | -0.1 | 8:03 | 4:41 | |
| 27 | Sat | **1:29** | 7.4 | **12:19** | 8.9 | **7:04** | 3.5 | **8:07** | -0.2 | 8:03 | 4:41 | |
| 28 | Sun | **2:09** | 7.6 | **12:56** | 9.0 | **7:48** | 3.4 | **8:43** | -0.3 | 8:03 | 4:42 | |
| 29 | Mon | **2:46** | 7.7 | **1:33** | 9.0 | **8:29** | 3.2 | **9:16** | -0.4 | 8:04 | 4:43 | |
| 30 | Tue | **3:20** | 7.8 | **2:11** | 8.9 | **9:09** | 3.1 | **9:47** | -0.4 | 8:04 | 4:44 | |
| 31 | Wed | **3:53** | 7.9 | **2:50** | 8.7 | **9:48** | 2.9 | **10:15** | -0.2 | 8:04 | 4:45 | |