


































Hammond, Columbia River, OR - Oct 2003

| Date | | High | | | | Low | | | |  | |  |
|------|-----|-------|-----|-------|-----|-------|------|-------|------|---|------|---|
| | | AM | ft | PM | ft | AM | ft | PM | ft | Rise | Set | Moon |
| 1 | Wed | 6:01 | 6.4 | 5:26 | 8.4 | 11:01 | 2.6 | | | 7:14 | 6:56 |  |
| 2 | Thu | 7:15 | 6.0 | 6:27 | 7.9 | 12:18 | -0.4 | 12:05 | 3.3 | 7:15 | 6:54 |  |
| 3 | Fri | 8:37 | 6.0 | 7:42 | 7.5 | 1:34 | -0.1 | 1:30 | 3.6 | 7:16 | 6:52 |  |
| 4 | Sat | 9:53 | 6.3 | 9:03 | 7.3 | 2:54 | 0.1 | 3:03 | 3.5 | 7:18 | 6:50 |  |
| 5 | Sun | 10:53 | 6.7 | 10:17 | 7.3 | 4:04 | 0.1 | 4:20 | 2.9 | 7:19 | 6:48 |  |
| 6 | Mon | 11:40 | 7.2 | 11:19 | 7.5 | 5:01 | 0.0 | 5:19 | 2.1 | 7:20 | 6:47 |  |
| 7 | Tue | | | 12:18 | 7.5 | 5:46 | 0.0 | 6:07 | 1.4 | 7:22 | 6:45 |  |
| 8 | Wed | 12:11 | 7.6 | 12:52 | 7.8 | 6:24 | 0.1 | 6:47 | 0.8 | 7:23 | 6:43 |  |
| 9 | Thu | 12:58 | 7.5 | 1:23 | 8.0 | 6:58 | 0.3 | 7:24 | 0.3 | 7:24 | 6:41 |  |
| 10 | Fri | 1:40 | 7.4 | 1:51 | 8.1 | 7:28 | 0.7 | 7:58 | 0.0 | 7:26 | 6:39 |  |
| 11 | Sat | 2:21 | 7.3 | 2:17 | 8.1 | 7:57 | 1.2 | 8:31 | -0.2 | 7:27 | 6:37 |  |
| 12 | Sun | 3:00 | 7.1 | 2:43 | 8.1 | 8:26 | 1.7 | 9:04 | -0.3 | 7:28 | 6:35 |  |
| 13 | Mon | 3:40 | 6.8 | 3:08 | 8.0 | 8:54 | 2.3 | 9:38 | -0.2 | 7:30 | 6:33 |  |
| 14 | Tue | 4:22 | 6.5 | 3:35 | 7.8 | 9:24 | 2.8 | 10:15 | 0.0 | 7:31 | 6:32 |  |
| 15 | Wed | 5:07 | 6.2 | 4:05 | 7.6 | 9:57 | 3.3 | 10:57 | 0.3 | 7:32 | 6:30 |  |
| 16 | Thu | 5:59 | 5.8 | 4:43 | 7.3 | 10:36 | 3.8 | 11:48 | 0.7 | 7:34 | 6:28 |  |
| 17 | Fri | 7:03 | 5.6 | 5:34 | 7.0 | 11:28 | 4.1 | | | 7:35 | 6:26 |  |
| 18 | Sat | 8:17 | 5.6 | 6:44 | 6.7 | 12:53 | 0.9 | 12:48 | 4.3 | 7:36 | 6:24 |  |
| 19 | Sun | 9:25 | 5.9 | 8:10 | 6.6 | 2:06 | 1.0 | 2:22 | 4.1 | 7:38 | 6:23 |  |
| 20 | Mon | 10:17 | 6.3 | 9:30 | 6.7 | 3:15 | 0.8 | 3:39 | 3.4 | 7:39 | 6:21 |  |
| 21 | Tue | 10:59 | 6.9 | 10:37 | 7.1 | 4:11 | 0.6 | 4:37 | 2.5 | 7:41 | 6:19 |  |
| 22 | Wed | 11:35 | 7.5 | 11:35 | 7.5 | 4:58 | 0.4 | 5:26 | 1.4 | 7:42 | 6:18 |  |
| 23 | Thu | | | 12:10 | 8.1 | 5:40 | 0.3 | 6:11 | 0.4 | 7:43 | 6:16 |  |
| 24 | Fri | 12:29 | 7.8 | 12:45 | 8.8 | 6:20 | 0.4 | 6:55 | -0.6 | 7:45 | 6:14 |  |
| 25 | Sat | 1:20 | 8.0 | 1:21 | 9.3 | 6:59 | 0.7 | 7:39 | -1.3 | 7:46 | 6:13 |  |
| 26 | Sun | 1:12 | 8.0 | 12:59 | 9.6 | 6:39 | 1.1 | 7:25 | -1.7 | 6:48 | 5:11 |  |
| 27 | Mon | 2:04 | 7.9 | 1:39 | 9.8 | 7:20 | 1.7 | 8:12 | -1.8 | 6:49 | 5:09 |  |
| 28 | Tue | 2:57 | 7.6 | 2:22 | 9.6 | 8:04 | 2.3 | 9:02 | -1.6 | 6:50 | 5:08 |  |
| 29 | Wed | 3:54 | 7.3 | 3:09 | 9.2 | 8:52 | 2.9 | 9:57 | -1.1 | 6:52 | 5:06 |  |
| 30 | Thu | 4:55 | 7.0 | 4:03 | 8.6 | 9:49 | 3.4 | 10:58 | -0.4 | 6:53 | 5:05 |  |
| 31 | Fri | 6:03 | 6.7 | 5:07 | 7.9 | 11:01 | 3.8 | | | 6:55 | 5:03 |  |