











Hammond, Columbia River, OR - Jul 2051

| Date | | High | | | | Low | | | |  | |  |
|------|-----|-------|-----|-------|-----|-------|------|-------|-----|---|------|---|
| | | AM | ft | PM | ft | AM | ft | PM | ft | Rise | Set | Moon |
| 1 | Sat | 7:12 | 6.3 | 7:49 | 8.3 | 1:06 | 1.4 | 12:57 | 1.0 | 5:28 | 9:11 |  |
| 2 | Sun | 8:30 | 6.0 | 8:46 | 8.5 | 2:18 | 1.0 | 1:58 | 1.6 | 5:29 | 9:10 |  |
| 3 | Mon | 9:50 | 6.0 | 9:43 | 8.8 | 3:29 | 0.4 | 3:02 | 2.1 | 5:29 | 9:10 |  |
| 4 | Tue | 11:03 | 6.2 | 10:39 | 9.0 | 4:33 | -0.3 | 4:07 | 2.4 | 5:30 | 9:10 |  |
| 5 | Wed | | | 12:06 | 6.6 | 5:30 | -0.8 | 5:08 | 2.4 | 5:31 | 9:10 |  |
| 6 | Thu | | | 1:00 | 7.0 | 6:21 | -1.3 | 6:04 | 2.4 | 5:31 | 9:09 |  |
| 7 | Fri | 12:23 | 9.3 | 1:48 | 7.3 | 7:07 | -1.5 | 6:56 | 2.3 | 5:32 | 9:09 |  |
| 8 | Sat | 1:11 | 9.2 | 2:33 | 7.5 | 7:50 | -1.5 | 7:45 | 2.2 | 5:33 | 9:08 |  |
| 9 | Sun | 1:57 | 8.9 | 3:14 | 7.6 | 8:31 | -1.4 | 8:32 | 2.1 | 5:34 | 9:08 |  |
| 10 | Mon | 2:42 | 8.5 | 3:54 | 7.6 | 9:09 | -1.1 | 9:18 | 2.1 | 5:34 | 9:07 |  |
| 11 | Tue | 3:25 | 8.0 | 4:32 | 7.6 | 9:46 | -0.6 | 10:03 | 2.0 | 5:35 | 9:07 |  |
| 12 | Wed | 4:08 | 7.4 | 5:09 | 7.5 | 10:21 | -0.1 | 10:51 | 2.0 | 5:36 | 9:06 |  |
| 13 | Thu | 4:53 | 6.7 | 5:46 | 7.4 | 10:58 | 0.5 | 11:42 | 2.0 | 5:37 | 9:05 |  |
| 14 | Fri | 5:41 | 6.1 | 6:26 | 7.3 | 11:36 | 1.1 | | | 5:38 | 9:05 |  |
| 15 | Sat | 6:38 | 5.5 | 7:08 | 7.2 | 12:40 | 2.0 | 12:19 | 1.8 | 5:39 | 9:04 |  |
| 16 | Sun | 7:47 | 5.1 | 7:56 | 7.2 | 1:43 | 1.8 | 1:09 | 2.4 | 5:40 | 9:03 |  |
| 17 | Mon | 9:06 | 5.0 | 8:48 | 7.4 | 2:49 | 1.5 | 2:08 | 2.9 | 5:41 | 9:02 |  |
| 18 | Tue | 10:21 | 5.2 | 9:41 | 7.6 | 3:51 | 1.1 | 3:12 | 3.1 | 5:42 | 9:01 |  |
| 19 | Wed | 11:23 | 5.5 | 10:33 | 7.8 | 4:46 | 0.6 | 4:13 | 3.2 | 5:43 | 9:00 |  |
| 20 | Thu | | | 12:14 | 6.0 | 5:33 | 0.0 | 5:07 | 3.0 | 5:44 | 8:59 |  |
| 21 | Fri | | | 12:57 | 6.4 | 6:15 | -0.5 | 5:56 | 2.8 | 5:45 | 8:58 |  |
| 22 | Sat | 12:08 | 8.5 | 1:37 | 6.8 | 6:54 | -0.9 | 6:42 | 2.5 | 5:46 | 8:57 |  |
| 23 | Sun | 12:53 | 8.7 | 2:15 | 7.1 | 7:32 | -1.3 | 7:26 | 2.1 | 5:47 | 8:56 |  |
| 24 | Mon | 1:38 | 8.8 | 2:53 | 7.5 | 8:09 | -1.4 | 8:11 | 1.7 | 5:48 | 8:55 |  |
| 25 | Tue | 2:24 | 8.7 | 3:31 | 7.8 | 8:47 | -1.4 | 8:57 | 1.3 | 5:50 | 8:54 |  |
| 26 | Wed | 3:11 | 8.5 | 4:10 | 8.0 | 9:26 | -1.2 | 9:47 | 1.0 | 5:51 | 8:53 |  |
| 27 | Thu | 4:00 | 8.0 | 4:50 | 8.2 | 10:06 | -0.7 | 10:40 | 0.8 | 5:52 | 8:52 |  |
| 28 | Fri | 4:53 | 7.4 | 5:34 | 8.3 | 10:49 | -0.1 | 11:39 | 0.7 | 5:53 | 8:51 |  |
| 29 | Sat | 5:53 | 6.7 | 6:22 | 8.3 | 11:36 | 0.6 | | | 5:54 | 8:50 |  |
| 30 | Sun | 7:02 | 6.1 | 7:17 | 8.3 | 12:45 | 0.6 | 12:30 | 1.4 | 5:55 | 8:48 |  |
| 31 | Mon | 8:20 | 5.7 | 8:17 | 8.3 | 1:57 | 0.4 | 1:33 | 2.1 | 5:56 | 8:47 |  |