

































Hammond, Columbia River, OR - Jun 1983

| Date | | High | | | | Low | | | |  | |  |
|------|-----|-------|-----|-------|-----|-------|------|-------|------|---|------|---|
| | | AM | ft | PM | ft | AM | ft | PM | ft | Rise | Set | Moon |
| 1 | Wed | 4:37 | 7.3 | 6:39 | 6.4 | 11:28 | 0.3 | 11:44 | 3.9 | 5:27 | 8:59 |  |
| 2 | Thu | 5:27 | 6.7 | 7:29 | 6.4 | | | 12:16 | 0.7 | 5:27 | 9:00 |  |
| 3 | Fri | 6:27 | 6.2 | 8:18 | 6.6 | 12:53 | 3.7 | 1:09 | 1.1 | 5:26 | 9:01 |  |
| 4 | Sat | 7:40 | 5.9 | 9:05 | 6.9 | 2:06 | 3.3 | 2:03 | 1.4 | 5:26 | 9:01 |  |
| 5 | Sun | 8:57 | 5.7 | 9:48 | 7.3 | 3:13 | 2.7 | 2:57 | 1.6 | 5:25 | 9:02 |  |
| 6 | Mon | 10:09 | 5.8 | 10:28 | 7.8 | 4:09 | 1.9 | 3:48 | 1.9 | 5:25 | 9:03 |  |
| 7 | Tue | 11:13 | 6.1 | 11:06 | 8.3 | 4:58 | 1.0 | 4:36 | 2.1 | 5:24 | 9:04 |  |
| 8 | Wed | | | 12:10 | 6.5 | 5:43 | 0.1 | 5:21 | 2.3 | 5:24 | 9:04 |  |
| 9 | Thu | | | 1:03 | 6.8 | 6:26 | -0.7 | 6:06 | 2.5 | 5:24 | 9:05 |  |
| 10 | Fri | 12:25 | 9.2 | 1:53 | 7.1 | 7:09 | -1.3 | 6:51 | 2.6 | 5:23 | 9:06 |  |
| 11 | Sat | 1:07 | 9.5 | 2:43 | 7.3 | 7:53 | -1.8 | 7:37 | 2.8 | 5:23 | 9:06 |  |
| 12 | Sun | 1:52 | 9.7 | 3:32 | 7.4 | 8:39 | -2.0 | 8:25 | 2.9 | 5:23 | 9:07 |  |
| 13 | Mon | 2:39 | 9.6 | 4:22 | 7.4 | 9:26 | -2.0 | 9:17 | 2.9 | 5:23 | 9:08 |  |
| 14 | Tue | 3:30 | 9.3 | 5:12 | 7.4 | 10:16 | -1.7 | 10:15 | 2.9 | 5:23 | 9:08 |  |
| 15 | Wed | 4:24 | 8.8 | 6:04 | 7.5 | 11:07 | -1.3 | 11:20 | 2.9 | 5:23 | 9:08 |  |
| 16 | Thu | 5:24 | 8.1 | 6:58 | 7.5 | | | 12:02 | -0.7 | 5:23 | 9:09 |  |
| 17 | Fri | 6:31 | 7.3 | 7:53 | 7.7 | 12:33 | 2.7 | 12:58 | 0.0 | 5:23 | 9:09 |  |
| 18 | Sat | 7:45 | 6.6 | 8:47 | 8.0 | 1:52 | 2.2 | 1:56 | 0.6 | 5:23 | 9:10 |  |
| 19 | Sun | 9:05 | 6.2 | 9:38 | 8.2 | 3:06 | 1.6 | 2:54 | 1.2 | 5:23 | 9:10 |  |
| 20 | Mon | 10:21 | 6.1 | 10:25 | 8.5 | 4:12 | 0.8 | 3:50 | 1.8 | 5:23 | 9:10 |  |
| 21 | Tue | 11:29 | 6.3 | 11:09 | 8.7 | 5:08 | 0.1 | 4:42 | 2.2 | 5:23 | 9:11 |  |
| 22 | Wed | | | 12:28 | 6.5 | 5:57 | -0.4 | 5:31 | 2.6 | 5:24 | 9:11 |  |
| 23 | Thu | | | 1:19 | 6.7 | 6:40 | -0.8 | 6:16 | 2.9 | 5:24 | 9:11 |  |
| 24 | Fri | 12:30 | 8.8 | 2:05 | 6.8 | 7:19 | -1.0 | 6:59 | 3.1 | 5:24 | 9:11 |  |
| 25 | Sat | 1:07 | 8.7 | 2:47 | 6.9 | 7:56 | -1.0 | 7:39 | 3.3 | 5:25 | 9:11 |  |
| 26 | Sun | 1:44 | 8.5 | 3:26 | 6.9 | 8:31 | -0.9 | 8:19 | 3.4 | 5:25 | 9:11 |  |
| 27 | Mon | 2:21 | 8.3 | 4:04 | 6.9 | 9:06 | -0.8 | 8:58 | 3.4 | 5:25 | 9:11 |  |
| 28 | Tue | 2:57 | 8.0 | 4:41 | 6.8 | 9:41 | -0.6 | 9:39 | 3.4 | 5:26 | 9:11 |  |
| 29 | Wed | 3:35 | 7.7 | 5:17 | 6.7 | 10:17 | -0.3 | 10:23 | 3.3 | 5:26 | 9:11 |  |
| 30 | Thu | 4:16 | 7.2 | 5:55 | 6.7 | 10:53 | 0.0 | 11:13 | 3.2 | 5:27 | 9:11 |  |