

## Hammond, Columbia River, OR - Feb 1848

| Date |     | High  |     |          |     | Low   |     |       |      |  |      |    |
|------|-----|-------|-----|----------|-----|-------|-----|-------|------|-------------------------------------------------------------------------------------|------|---------------------------------------------------------------------------------------|
|      |     | AM    | ft  | PM       | ft  | AM    | ft  | PM    | ft   | Rise                                                                                | Set  | Moon                                                                                  |
| 1    | Tue | 9:46  | 8.6 | 11:25    | 6.9 | 3:29  | 3.9 | 4:43  | 0.5  | 7:46                                                                                | 5:27 |    |
| 2    | Wed | 10:36 | 9.0 |          |     | 4:24  | 3.6 | 5:25  | -0.1 | 7:45                                                                                | 5:28 |    |
| 3    | Thu | 12:06 | 7.4 | 11:23 AM | 9.3 | 5:12  | 3.2 | 6:03  | -0.5 | 7:43                                                                                | 5:29 |    |
| 4    | Fri | 12:45 | 7.8 | 12:09    | 9.5 | 5:57  | 2.7 | 6:41  | -0.8 | 7:42                                                                                | 5:31 |    |
| 5    | Sat | 1:22  | 8.2 | 12:54    | 9.6 | 6:42  | 2.3 | 7:19  | -0.9 | 7:41                                                                                | 5:32 |    |
| 6    | Sun | 2:00  | 8.6 | 1:40     | 9.5 | 7:27  | 1.8 | 7:57  | -0.8 | 7:39                                                                                | 5:34 |    |
| 7    | Mon | 2:38  | 8.8 | 2:28     | 9.1 | 8:13  | 1.5 | 8:36  | -0.4 | 7:38                                                                                | 5:35 |    |
| 8    | Tue | 3:18  | 9.0 | 3:19     | 8.6 | 9:03  | 1.3 | 9:17  | 0.1  | 7:37                                                                                | 5:37 |    |
| 9    | Wed | 4:00  | 9.1 | 4:14     | 7.9 | 9:57  | 1.2 | 10:01 | 0.9  | 7:35                                                                                | 5:38 |    |
| 10   | Thu | 4:45  | 9.1 | 5:16     | 7.2 | 10:58 | 1.2 | 10:51 | 1.7  | 7:34                                                                                | 5:40 |    |
| 11   | Fri | 5:36  | 9.0 | 6:30     | 6.6 |       |     | 12:07 | 1.2  | 7:32                                                                                | 5:41 |    |
| 12   | Sat | 6:35  | 8.8 | 7:53     | 6.3 |       |     | 1:24  | 1.1  | 7:31                                                                                | 5:43 |   |
| 13   | Sun | 7:40  | 8.7 | 9:15     | 6.5 | 1:01  | 3.1 | 2:39  | 0.8  | 7:29                                                                                | 5:44 |  |
| 14   | Mon | 8:47  | 8.8 | 10:23    | 7.0 | 2:19  | 3.4 | 3:45  | 0.4  | 7:28                                                                                | 5:46 |  |
| 15   | Tue | 9:49  | 8.9 | 11:17    | 7.4 | 3:31  | 3.3 | 4:40  | 0.0  | 7:26                                                                                | 5:47 |  |
| 16   | Wed | 10:45 | 9.0 |          |     | 4:32  | 3.0 | 5:27  | -0.2 | 7:25                                                                                | 5:49 |  |
| 17   | Thu | 12:02 | 7.8 | 11:34 AM | 9.0 | 5:24  | 2.7 | 6:07  | -0.3 | 7:23                                                                                | 5:50 |  |
| 18   | Fri | 12:41 | 8.1 | 12:18    | 8.9 | 6:09  | 2.3 | 6:43  | -0.3 | 7:21                                                                                | 5:52 |  |
| 19   | Sat | 1:17  | 8.3 | 1:00     | 8.7 | 6:50  | 2.1 | 7:16  | -0.1 | 7:20                                                                                | 5:53 |  |
| 20   | Sun | 1:51  | 8.3 | 1:39     | 8.4 | 7:28  | 1.8 | 7:47  | 0.2  | 7:18                                                                                | 5:55 |  |
| 21   | Mon | 2:22  | 8.3 | 2:17     | 8.1 | 8:04  | 1.7 | 8:17  | 0.6  | 7:16                                                                                | 5:56 |  |
| 22   | Tue | 2:52  | 8.3 | 2:55     | 7.6 | 8:41  | 1.6 | 8:47  | 1.1  | 7:15                                                                                | 5:58 |  |
| 23   | Wed | 3:22  | 8.2 | 3:34     | 7.1 | 9:20  | 1.6 | 9:18  | 1.6  | 7:13                                                                                | 5:59 |  |
| 24   | Thu | 3:53  | 8.1 | 4:18     | 6.6 | 10:01 | 1.7 | 9:52  | 2.2  | 7:11                                                                                | 6:01 |  |
| 25   | Fri | 4:27  | 7.9 | 5:10     | 6.1 | 10:49 | 1.8 | 10:30 | 2.8  | 7:09                                                                                | 6:02 |  |
| 26   | Sat | 5:07  | 7.8 | 6:17     | 5.7 | 11:47 | 1.9 | 11:20 | 3.4  | 7:08                                                                                | 6:03 |  |
| 27   | Sun | 5:57  | 7.6 | 7:38     | 5.6 |       |     | 12:55 | 1.9  | 7:06                                                                                | 6:05 |  |
| 28   | Mon | 7:00  | 7.6 | 8:58     | 5.8 | 12:27 | 3.8 | 2:08  | 1.6  | 7:04                                                                                | 6:06 |  |
| 29   | Tue | 8:09  | 7.7 | 10:00    | 6.2 | 1:46  | 3.9 | 3:13  | 1.2  | 7:02                                                                                | 6:08 |  |