

## Hammond, Columbia River, OR - Jun 1881

| Date |     | High  |     |       |     | Low   |      |       |     |  |      |    |
|------|-----|-------|-----|-------|-----|-------|------|-------|-----|-------------------------------------------------------------------------------------|------|---------------------------------------------------------------------------------------|
|      |     | AM    | ft  | PM    | ft  | AM    | ft   | PM    | ft  | Rise                                                                                | Set  | Moon                                                                                  |
| 1    | Wed | 2:47  | 7.6 | 4:25  | 6.8 | 9:26  | -0.1 | 9:35  | 3.3 | 4:34                                                                                | 8:06 |    |
| 2    | Thu | 3:29  | 7.2 | 5:05  | 6.8 | 10:04 | 0.3  | 10:27 | 3.2 | 4:33                                                                                | 8:07 |    |
| 3    | Fri | 4:16  | 6.6 | 5:47  | 6.8 | 10:45 | 0.8  | 11:28 | 3.1 | 4:33                                                                                | 8:08 |    |
| 4    | Sat | 5:13  | 6.1 | 6:31  | 6.9 | 11:30 | 1.2  |       |     | 4:32                                                                                | 8:09 |    |
| 5    | Sun | 6:22  | 5.7 | 7:16  | 7.2 | 12:35 | 2.7  | 12:20 | 1.7 | 4:32                                                                                | 8:10 |    |
| 6    | Mon | 7:39  | 5.5 | 8:03  | 7.6 | 1:42  | 2.2  | 1:15  | 2.1 | 4:31                                                                                | 8:10 |    |
| 7    | Tue | 8:56  | 5.5 | 8:49  | 8.0 | 2:43  | 1.4  | 2:11  | 2.5 | 4:31                                                                                | 8:11 |    |
| 8    | Wed | 10:04 | 5.9 | 9:35  | 8.5 | 3:37  | 0.6  | 3:06  | 2.7 | 4:31                                                                                | 8:12 |    |
| 9    | Thu | 11:03 | 6.3 | 10:21 | 9.0 | 4:26  | -0.2 | 3:59  | 2.8 | 4:30                                                                                | 8:12 |    |
| 10   | Fri | 11:56 | 6.7 | 11:08 | 9.4 | 5:13  | -0.9 | 4:50  | 2.8 | 4:30                                                                                | 8:13 |    |
| 11   | Sat |       |     | 12:46 | 7.0 | 5:58  | -1.5 | 5:40  | 2.8 | 4:30                                                                                | 8:14 |    |
| 12   | Sun |       |     | 1:33  | 7.3 | 6:44  | -1.9 | 6:30  | 2.6 | 4:30                                                                                | 8:14 |   |
| 13   | Mon | 12:45 | 9.8 | 2:20  | 7.6 | 7:30  | -2.1 | 7:22  | 2.5 | 4:30                                                                                | 8:15 |  |
| 14   | Tue | 1:35  | 9.6 | 3:06  | 7.7 | 8:16  | -2.0 | 8:16  | 2.3 | 4:30                                                                                | 8:15 |  |
| 15   | Wed | 2:27  | 9.2 | 3:53  | 7.9 | 9:02  | -1.7 | 9:13  | 2.2 | 4:30                                                                                | 8:16 |  |
| 16   | Thu | 3:22  | 8.6 | 4:41  | 8.0 | 9:49  | -1.1 | 10:16 | 2.0 | 4:30                                                                                | 8:16 |  |
| 17   | Fri | 4:21  | 7.8 | 5:30  | 8.1 | 10:38 | -0.4 | 11:25 | 1.8 | 4:30                                                                                | 8:16 |  |
| 18   | Sat | 5:25  | 7.0 | 6:21  | 8.2 | 11:30 | 0.4  |       |     | 4:30                                                                                | 8:17 |  |
| 19   | Sun | 6:38  | 6.3 | 7:14  | 8.3 | 12:38 | 1.4  | 12:25 | 1.2 | 4:30                                                                                | 8:17 |  |
| 20   | Mon | 7:57  | 5.9 | 8:07  | 8.4 | 1:51  | 1.0  | 1:24  | 1.9 | 4:30                                                                                | 8:17 |  |
| 21   | Tue | 9:16  | 5.8 | 8:59  | 8.5 | 2:57  | 0.5  | 2:24  | 2.5 | 4:30                                                                                | 8:18 |  |
| 22   | Wed | 10:25 | 6.1 | 9:49  | 8.6 | 3:56  | 0.0  | 3:23  | 2.9 | 4:31                                                                                | 8:18 |  |
| 23   | Thu | 11:23 | 6.4 | 10:34 | 8.6 | 4:46  | -0.4 | 4:17  | 3.1 | 4:31                                                                                | 8:18 |  |
| 24   | Fri |       |     | 12:12 | 6.6 | 5:30  | -0.7 | 5:05  | 3.2 | 4:31                                                                                | 8:18 |  |
| 25   | Sat |       |     | 12:54 | 6.8 | 6:09  | -0.8 | 5:50  | 3.2 | 4:32                                                                                | 8:18 |  |
| 26   | Sun |       |     | 1:33  | 6.9 | 6:46  | -0.8 | 6:31  | 3.1 | 4:32                                                                                | 8:18 |  |
| 27   | Mon | 12:36 | 8.4 | 2:09  | 7.0 | 7:20  | -0.8 | 7:10  | 3.0 | 4:32                                                                                | 8:18 |  |
| 28   | Tue | 1:13  | 8.2 | 2:42  | 7.0 | 7:52  | -0.7 | 7:49  | 2.9 | 4:33                                                                                | 8:18 |  |
| 29   | Wed | 1:50  | 7.9 | 3:15  | 7.0 | 8:24  | -0.5 | 8:29  | 2.8 | 4:33                                                                                | 8:18 |  |
| 30   | Thu | 2:28  | 7.5 | 3:48  | 7.1 | 8:56  | -0.3 | 9:11  | 2.6 | 4:34                                                                                | 8:18 |  |