

## Hammond, Columbia River, OR - Oct 1838

| Date |     | High  |     |       |     | Low   |      |       |      |  |      |    |
|------|-----|-------|-----|-------|-----|-------|------|-------|------|-------------------------------------------------------------------------------------|------|---------------------------------------------------------------------------------------|
|      |     | AM    | ft  | PM    | ft  | AM    | ft   | PM    | ft   | Rise                                                                                | Set  | Moon                                                                                  |
| 1    | Mon | 11:15 | 7.5 | 11:09 | 8.2 | 4:40  | -0.6 | 4:56  | 1.0  | 6:21                                                                                | 6:03 |    |
| 2    | Tue | 11:51 | 8.1 |       |     | 5:22  | -0.7 | 5:44  | -0.1 | 6:22                                                                                | 6:01 |    |
| 3    | Wed | 12:03 | 8.3 | 12:28 | 8.7 | 6:01  | -0.5 | 6:31  | -0.9 | 6:23                                                                                | 5:59 |    |
| 4    | Thu | 12:55 | 8.3 | 1:04  | 9.1 | 6:40  | 0.0  | 7:18  | -1.4 | 6:25                                                                                | 5:57 |    |
| 5    | Fri | 1:47  | 8.0 | 1:42  | 9.3 | 7:19  | 0.6  | 8:05  | -1.6 | 6:26                                                                                | 5:56 |    |
| 6    | Sat | 2:40  | 7.6 | 2:22  | 9.3 | 8:00  | 1.4  | 8:53  | -1.5 | 6:27                                                                                | 5:54 |    |
| 7    | Sun | 3:35  | 7.1 | 3:03  | 8.9 | 8:42  | 2.1  | 9:45  | -1.0 | 6:29                                                                                | 5:52 |    |
| 8    | Mon | 4:34  | 6.6 | 3:49  | 8.4 | 9:29  | 2.9  | 10:43 | -0.4 | 6:30                                                                                | 5:50 |    |
| 9    | Tue | 5:40  | 6.2 | 4:43  | 7.7 | 10:27 | 3.6  | 11:51 | 0.2  | 6:31                                                                                | 5:48 |    |
| 10   | Wed | 6:57  | 6.0 | 5:51  | 7.1 | 11:46 | 4.0  |       |      | 6:33                                                                                | 5:46 |    |
| 11   | Thu | 8:15  | 6.1 | 7:12  | 6.6 | 1:07  | 0.6  | 1:22  | 3.9  | 6:34                                                                                | 5:44 |    |
| 12   | Fri | 9:18  | 6.4 | 8:31  | 6.5 | 2:20  | 0.7  | 2:46  | 3.4  | 6:35                                                                                | 5:42 |   |
| 13   | Sat | 10:04 | 6.8 | 9:37  | 6.6 | 3:19  | 0.7  | 3:46  | 2.7  | 6:37                                                                                | 5:41 |  |
| 14   | Sun | 10:40 | 7.1 | 10:31 | 6.8 | 4:05  | 0.7  | 4:32  | 2.0  | 6:38                                                                                | 5:39 |  |
| 15   | Mon | 11:10 | 7.4 | 11:17 | 6.9 | 4:43  | 0.8  | 5:10  | 1.3  | 6:39                                                                                | 5:37 |  |
| 16   | Tue | 11:38 | 7.7 | 11:59 | 7.0 | 5:15  | 0.9  | 5:44  | 0.7  | 6:41                                                                                | 5:35 |  |
| 17   | Wed |       |     | 12:03 | 7.9 | 5:44  | 1.2  | 6:16  | 0.2  | 6:42                                                                                | 5:33 |  |
| 18   | Thu | 12:38 | 7.0 | 12:29 | 8.1 | 6:12  | 1.5  | 6:48  | -0.2 | 6:44                                                                                | 5:32 |  |
| 19   | Fri | 1:17  | 7.0 | 12:54 | 8.3 | 6:40  | 1.9  | 7:19  | -0.4 | 6:45                                                                                | 5:30 |  |
| 20   | Sat | 1:57  | 6.9 | 1:20  | 8.4 | 7:08  | 2.4  | 7:52  | -0.5 | 6:46                                                                                | 5:28 |  |
| 21   | Sun | 2:37  | 6.7 | 1:47  | 8.4 | 7:38  | 2.8  | 8:28  | -0.5 | 6:48                                                                                | 5:26 |  |
| 22   | Mon | 3:21  | 6.5 | 2:19  | 8.3 | 8:09  | 3.2  | 9:08  | -0.3 | 6:49                                                                                | 5:25 |  |
| 23   | Tue | 4:09  | 6.2 | 2:56  | 8.1 | 8:45  | 3.6  | 9:55  | -0.1 | 6:51                                                                                | 5:23 |  |
| 24   | Wed | 5:05  | 5.9 | 3:42  | 7.9 | 9:31  | 4.0  | 10:52 | 0.2  | 6:52                                                                                | 5:21 |  |
| 25   | Thu | 6:12  | 5.8 | 4:44  | 7.5 | 10:34 | 4.2  | 11:59 | 0.4  | 6:53                                                                                | 5:20 |  |
| 26   | Fri | 7:21  | 6.0 | 6:04  | 7.1 |       |      | 12:03 | 4.1  | 6:55                                                                                | 5:18 |  |
| 27   | Sat | 8:22  | 6.4 | 7:32  | 7.0 | 1:11  | 0.5  | 1:36  | 3.5  | 6:56                                                                                | 5:16 |  |
| 28   | Sun | 9:11  | 7.0 | 8:51  | 7.1 | 2:16  | 0.5  | 2:51  | 2.6  | 6:58                                                                                | 5:15 |  |
| 29   | Mon | 9:54  | 7.7 | 10:00 | 7.4 | 3:12  | 0.4  | 3:51  | 1.4  | 6:59                                                                                | 5:13 |  |
| 30   | Tue | 10:33 | 8.4 | 11:00 | 7.7 | 4:00  | 0.5  | 4:43  | 0.2  | 7:01                                                                                | 5:12 |  |
| 31   | Wed | 11:11 | 9.1 | 11:57 | 7.8 | 4:45  | 0.7  | 5:31  | -0.8 | 7:02                                                                                | 5:10 |  |