

## Hammond, Columbia River, OR - Jan 1890

| Date |     | High  |      |          |      | Low   |     |       |      |  |      |    |
|------|-----|-------|------|----------|------|-------|-----|-------|------|-------------------------------------------------------------------------------------|------|---------------------------------------------------------------------------------------|
|      |     | AM    | ft   | PM       | ft   | AM    | ft  | PM    | ft   | Rise                                                                                | Set  | Moon                                                                                  |
| 1    | Wed | 9:19  | 8.8  | 10:41    | 6.6  | 2:45  | 3.1 | 4:13  | 0.8  | 7:58                                                                                | 4:40 |    |
| 2    | Thu | 10:03 | 8.9  | 11:36    | 6.9  | 3:39  | 3.5 | 4:58  | 0.3  | 7:58                                                                                | 4:41 |    |
| 3    | Fri | 10:43 | 9.0  |          |      | 4:29  | 3.8 | 5:38  | 0.0  | 7:58                                                                                | 4:42 |    |
| 4    | Sat | 12:21 | 7.2  | 11:21 AM | 9.1  | 5:13  | 3.9 | 6:14  | -0.2 | 7:58                                                                                | 4:43 |    |
| 5    | Sun | 1:02  | 7.4  | 11:58 AM | 9.1  | 5:54  | 4.0 | 6:48  | -0.3 | 7:58                                                                                | 4:44 |    |
| 6    | Mon | 1:39  | 7.6  | 12:34    | 9.0  | 6:32  | 4.0 | 7:21  | -0.3 | 7:58                                                                                | 4:46 |    |
| 7    | Tue | 2:14  | 7.6  | 1:09     | 8.9  | 7:09  | 3.9 | 7:54  | -0.3 | 7:57                                                                                | 4:47 |    |
| 8    | Wed | 2:47  | 7.6  | 1:45     | 8.7  | 7:46  | 3.8 | 8:26  | -0.1 | 7:57                                                                                | 4:48 |    |
| 9    | Thu | 3:21  | 7.6  | 2:22     | 8.4  | 8:24  | 3.7 | 8:59  | 0.1  | 7:57                                                                                | 4:49 |    |
| 10   | Fri | 3:54  | 7.6  | 3:01     | 8.0  | 9:05  | 3.6 | 9:32  | 0.4  | 7:56                                                                                | 4:50 |    |
| 11   | Sat | 4:29  | 7.6  | 3:45     | 7.5  | 9:51  | 3.4 | 10:08 | 0.9  | 7:56                                                                                | 4:51 |    |
| 12   | Sun | 5:06  | 7.7  | 4:37     | 6.9  | 10:45 | 3.2 | 10:48 | 1.4  | 7:56                                                                                | 4:53 |   |
| 13   | Mon | 5:46  | 7.9  | 5:43     | 6.3  | 11:48 | 2.9 | 11:35 | 2.1  | 7:55                                                                                | 4:54 |  |
| 14   | Tue | 6:31  | 8.1  | 7:06     | 6.0  |       |     | 12:59 | 2.4  | 7:54                                                                                | 4:55 |  |
| 15   | Wed | 7:21  | 8.4  | 8:35     | 6.0  | 12:30 | 2.7 | 2:10  | 1.7  | 7:54                                                                                | 4:56 |  |
| 16   | Thu | 8:16  | 8.9  | 9:54     | 6.3  | 1:33  | 3.3 | 3:15  | 0.8  | 7:53                                                                                | 4:58 |  |
| 17   | Fri | 9:12  | 9.4  | 11:00    | 6.8  | 2:40  | 3.6 | 4:13  | 0.0  | 7:53                                                                                | 4:59 |  |
| 18   | Sat | 10:07 | 9.8  | 11:55    | 7.4  | 3:44  | 3.7 | 5:06  | -0.8 | 7:52                                                                                | 5:00 |  |
| 19   | Sun | 11:01 | 10.3 |          |      | 4:44  | 3.6 | 5:56  | -1.4 | 7:51                                                                                | 5:02 |  |
| 20   | Mon | 12:44 | 7.9  | 11:54 AM | 10.5 | 5:40  | 3.3 | 6:43  | -1.7 | 7:50                                                                                | 5:03 |  |
| 21   | Tue | 1:30  | 8.2  | 12:46    | 10.5 | 6:33  | 3.0 | 7:29  | -1.7 | 7:49                                                                                | 5:05 |  |
| 22   | Wed | 2:15  | 8.5  | 1:37     | 10.2 | 7:26  | 2.7 | 8:13  | -1.5 | 7:49                                                                                | 5:06 |  |
| 23   | Thu | 2:58  | 8.7  | 2:28     | 9.7  | 8:19  | 2.4 | 8:56  | -1.0 | 7:48                                                                                | 5:07 |  |
| 24   | Fri | 3:41  | 8.7  | 3:21     | 8.9  | 9:13  | 2.2 | 9:38  | -0.3 | 7:47                                                                                | 5:09 |  |
| 25   | Sat | 4:25  | 8.7  | 4:15     | 8.0  | 10:11 | 2.1 | 10:22 | 0.6  | 7:46                                                                                | 5:10 |  |
| 26   | Sun | 5:09  | 8.6  | 5:16     | 7.1  | 11:14 | 2.1 | 11:07 | 1.6  | 7:45                                                                                | 5:12 |  |
| 27   | Mon | 5:56  | 8.5  | 6:26     | 6.3  |       |     | 12:22 | 2.0  | 7:44                                                                                | 5:13 |  |
| 28   | Tue | 6:46  | 8.4  | 7:50     | 5.9  |       |     | 1:35  | 1.8  | 7:42                                                                                | 5:15 |  |
| 29   | Wed | 7:39  | 8.3  | 9:16     | 5.9  | 12:56 | 3.3 | 2:45  | 1.4  | 7:41                                                                                | 5:16 |  |
| 30   | Thu | 8:34  | 8.2  | 10:29    | 6.3  | 2:03  | 3.9 | 3:45  | 1.1  | 7:40                                                                                | 5:18 |  |
| 31   | Fri | 9:27  | 8.3  | 11:23    | 6.7  | 3:10  | 4.2 | 4:36  | 0.7  | 7:39                                                                                | 5:19 |  |