

## Hammond, Columbia River, OR - Apr 1889

| Date |     | High  |     |       |     | Low   |      |       |     |  |      |  |
|------|-----|-------|-----|-------|-----|-------|------|-------|-----|-------------------------------------------------------------------------------------|------|-------------------------------------------------------------------------------------|
|      |     | AM    | ft  | PM    | ft  | AM    | ft   | PM    | ft  | Rise                                                                                | Set  | Moon                                                                                |
| 1    | Mon | 1:23  | 8.5 | 1:45  | 7.9 | 7:24  | 0.3  | 7:28  | 1.0 | 5:54                                                                                | 6:44 | ●                                                                                   |
| 2    | Tue | 1:54  | 8.5 | 2:26  | 7.5 | 8:00  | 0.2  | 7:59  | 1.5 | 5:52                                                                                | 6:46 | ●                                                                                   |
| 3    | Wed | 2:23  | 8.4 | 3:07  | 7.1 | 8:37  | 0.2  | 8:31  | 2.1 | 5:50                                                                                | 6:47 | ●                                                                                   |
| 4    | Thu | 2:51  | 8.2 | 3:51  | 6.7 | 9:14  | 0.4  | 9:04  | 2.7 | 5:48                                                                                | 6:48 | ◐                                                                                   |
| 5    | Fri | 3:21  | 8.0 | 4:38  | 6.3 | 9:55  | 0.6  | 9:40  | 3.2 | 5:46                                                                                | 6:50 | ◐                                                                                   |
| 6    | Sat | 3:55  | 7.7 | 5:35  | 5.9 | 10:41 | 0.9  | 10:24 | 3.8 | 5:44                                                                                | 6:51 | ◐                                                                                   |
| 7    | Sun | 4:36  | 7.3 | 6:43  | 5.7 | 11:38 | 1.2  | 11:25 | 4.1 | 5:42                                                                                | 6:52 | ◐                                                                                   |
| 8    | Mon | 5:32  | 7.0 | 7:59  | 5.8 |       |      | 12:47 | 1.4 | 5:40                                                                                | 6:54 | ◐                                                                                   |
| 9    | Tue | 6:45  | 6.8 | 9:04  | 6.1 | 12:48 | 4.2  | 1:58  | 1.3 | 5:38                                                                                | 6:55 | ◐                                                                                   |
| 10   | Wed | 8:04  | 6.8 | 9:53  | 6.5 | 2:12  | 4.0  | 3:00  | 1.1 | 5:37                                                                                | 6:56 | ◐                                                                                   |
| 11   | Thu | 9:14  | 7.0 | 10:33 | 7.0 | 3:18  | 3.4  | 3:51  | 0.7 | 5:35                                                                                | 6:58 | ◐                                                                                   |
| 12   | Fri | 10:12 | 7.4 | 11:09 | 7.5 | 4:10  | 2.6  | 4:34  | 0.5 | 5:33                                                                                | 6:59 | ○                                                                                   |
| 13   | Sat | 11:05 | 7.8 | 11:43 | 8.1 | 4:55  | 1.7  | 5:13  | 0.3 | 5:31                                                                                | 7:00 | ○                                                                                   |
| 14   | Sun | 11:54 | 8.0 |       |     | 5:37  | 0.8  | 5:51  | 0.3 | 5:29                                                                                | 7:02 | ○                                                                                   |
| 15   | Mon | 12:17 | 8.6 | 12:42 | 8.2 | 6:19  | 0.0  | 6:28  | 0.5 | 5:27                                                                                | 7:03 | ○                                                                                   |
| 16   | Tue | 12:52 | 9.0 | 1:31  | 8.2 | 7:01  | -0.6 | 7:06  | 0.9 | 5:26                                                                                | 7:04 | ○                                                                                   |
| 17   | Wed | 1:29  | 9.3 | 2:21  | 8.0 | 7:45  | -1.0 | 7:46  | 1.4 | 5:24                                                                                | 7:06 | ○                                                                                   |
| 18   | Thu | 2:08  | 9.5 | 3:13  | 7.7 | 8:32  | -1.2 | 8:29  | 1.9 | 5:22                                                                                | 7:07 | ○                                                                                   |
| 19   | Fri | 2:50  | 9.4 | 4:09  | 7.3 | 9:22  | -1.1 | 9:17  | 2.5 | 5:20                                                                                | 7:08 | ○                                                                                   |
| 20   | Sat | 3:37  | 9.1 | 5:11  | 6.9 | 10:18 | -0.7 | 10:13 | 3.1 | 5:19                                                                                | 7:10 | ○                                                                                   |
| 21   | Sun | 4:31  | 8.6 | 6:21  | 6.7 | 11:21 | -0.3 | 11:24 | 3.5 | 5:17                                                                                | 7:11 | ○                                                                                   |
| 22   | Mon | 5:36  | 8.0 | 7:34  | 6.8 |       |      | 12:32 | 0.1 | 5:15                                                                                | 7:12 | ◐                                                                                   |
| 23   | Tue | 6:52  | 7.5 | 8:42  | 7.0 | 12:50 | 3.5  | 1:46  | 0.3 | 5:13                                                                                | 7:13 | ◐                                                                                   |
| 24   | Wed | 8:12  | 7.3 | 9:38  | 7.5 | 2:16  | 3.1  | 2:52  | 0.4 | 5:12                                                                                | 7:15 | ◐                                                                                   |
| 25   | Thu | 9:24  | 7.3 | 10:25 | 7.9 | 3:27  | 2.4  | 3:47  | 0.5 | 5:10                                                                                | 7:16 | ◐                                                                                   |
| 26   | Fri | 10:26 | 7.4 | 11:05 | 8.2 | 4:23  | 1.6  | 4:34  | 0.6 | 5:08                                                                                | 7:17 | ◐                                                                                   |
| 27   | Sat | 11:20 | 7.5 | 11:40 | 8.4 | 5:10  | 0.9  | 5:14  | 0.9 | 5:07                                                                                | 7:19 | ◐                                                                                   |
| 28   | Sun |       |     | 12:08 | 7.5 | 5:51  | 0.4  | 5:50  | 1.2 | 5:05                                                                                | 7:20 | ◐                                                                                   |
| 29   | Mon | 12:13 | 8.5 | 12:52 | 7.4 | 6:28  | -0.1 | 6:23  | 1.6 | 5:04                                                                                | 7:21 | ◐                                                                                   |
| 30   | Tue | 12:44 | 8.6 | 1:34  | 7.3 | 7:03  | -0.3 | 6:56  | 2.0 | 5:02                                                                                | 7:23 | ●                                                                                   |