

## Hammond, Columbia River, OR - Dec 1829

| Date |     | High  |      |          |      | Low   |     |       |      |  |      |    |
|------|-----|-------|------|----------|------|-------|-----|-------|------|-------------------------------------------------------------------------------------|------|---------------------------------------------------------------------------------------|
|      |     | AM    | ft   | PM       | ft   | AM    | ft  | PM    | ft   | Rise                                                                                | Set  | Moon                                                                                  |
| 1    | Tue | 4:32  | 7.6  | 3:48     | 8.2  | 9:44  | 3.3 | 10:20 | 0.0  | 7:45                                                                                | 4:38 |    |
| 2    | Wed | 5:22  | 7.7  | 4:49     | 7.7  | 10:48 | 3.2 | 11:13 | 0.5  | 7:46                                                                                | 4:38 |    |
| 3    | Thu | 6:17  | 7.8  | 6:01     | 7.1  |       |     | 12:02 | 2.9  | 7:47                                                                                | 4:38 |    |
| 4    | Fri | 7:13  | 8.1  | 7:22     | 6.8  | 12:13 | 1.0 | 1:20  | 2.4  | 7:48                                                                                | 4:37 |    |
| 5    | Sat | 8:09  | 8.6  | 8:42     | 6.8  | 1:16  | 1.5 | 2:32  | 1.6  | 7:50                                                                                | 4:37 |    |
| 6    | Sun | 9:02  | 9.1  | 9:54     | 7.1  | 2:19  | 1.8 | 3:35  | 0.7  | 7:51                                                                                | 4:37 |    |
| 7    | Mon | 9:53  | 9.5  | 10:57    | 7.5  | 3:19  | 2.1 | 4:30  | -0.1 | 7:52                                                                                | 4:37 |    |
| 8    | Tue | 10:41 | 9.9  | 11:52    | 7.8  | 4:14  | 2.3 | 5:19  | -0.7 | 7:53                                                                                | 4:37 |    |
| 9    | Wed | 11:27 | 10.1 |          |      | 5:05  | 2.5 | 6:05  | -1.1 | 7:54                                                                                | 4:37 |    |
| 10   | Thu | 12:43 | 8.1  | 12:11    | 10.1 | 5:54  | 2.6 | 6:49  | -1.3 | 7:55                                                                                | 4:37 |    |
| 11   | Fri | 1:31  | 8.2  | 12:55    | 9.9  | 6:41  | 2.8 | 7:31  | -1.2 | 7:55                                                                                | 4:37 |    |
| 12   | Sat | 2:17  | 8.3  | 1:38     | 9.5  | 7:27  | 2.9 | 8:11  | -0.9 | 7:56                                                                                | 4:37 |    |
| 13   | Sun | 3:01  | 8.2  | 2:20     | 9.0  | 8:13  | 3.1 | 8:51  | -0.4 | 7:57                                                                                | 4:37 |   |
| 14   | Mon | 3:44  | 8.0  | 3:03     | 8.4  | 9:01  | 3.3 | 9:31  | 0.1  | 7:58                                                                                | 4:37 |  |
| 15   | Tue | 4:27  | 7.9  | 3:48     | 7.7  | 9:52  | 3.4 | 10:12 | 0.7  | 7:59                                                                                | 4:37 |  |
| 16   | Wed | 5:11  | 7.7  | 4:38     | 7.0  | 10:49 | 3.5 | 10:56 | 1.4  | 7:59                                                                                | 4:37 |  |
| 17   | Thu | 5:57  | 7.6  | 5:38     | 6.4  | 11:53 | 3.4 | 11:44 | 2.0  | 8:00                                                                                | 4:38 |  |
| 18   | Fri | 6:45  | 7.6  | 6:50     | 5.9  |       |     | 1:04  | 3.1  | 8:01                                                                                | 4:38 |  |
| 19   | Sat | 7:34  | 7.7  | 8:09     | 5.8  | 12:38 | 2.5 | 2:12  | 2.7  | 8:01                                                                                | 4:38 |  |
| 20   | Sun | 8:22  | 8.0  | 9:22     | 6.0  | 1:37  | 3.0 | 3:10  | 2.1  | 8:02                                                                                | 4:39 |  |
| 21   | Mon | 9:08  | 8.3  | 10:24    | 6.3  | 2:34  | 3.3 | 3:59  | 1.4  | 8:03                                                                                | 4:39 |  |
| 22   | Tue | 9:52  | 8.6  | 11:15    | 6.8  | 3:28  | 3.4 | 4:42  | 0.8  | 8:03                                                                                | 4:40 |  |
| 23   | Wed | 10:33 | 9.0  |          |      | 4:16  | 3.5 | 5:22  | 0.2  | 8:03                                                                                | 4:40 |  |
| 24   | Thu | 12:00 | 7.2  | 11:14 AM | 9.3  | 5:01  | 3.4 | 5:59  | -0.3 | 8:04                                                                                | 4:41 |  |
| 25   | Fri | 12:42 | 7.5  | 11:54 AM | 9.5  | 5:44  | 3.4 | 6:36  | -0.6 | 8:04                                                                                | 4:42 |  |
| 26   | Sat | 1:23  | 7.8  | 12:35    | 9.6  | 6:25  | 3.2 | 7:14  | -0.9 | 8:05                                                                                | 4:42 |  |
| 27   | Sun | 2:03  | 8.0  | 1:17     | 9.6  | 7:08  | 3.1 | 7:52  | -1.0 | 8:05                                                                                | 4:43 |  |
| 28   | Mon | 2:43  | 8.2  | 2:02     | 9.4  | 7:53  | 3.0 | 8:32  | -0.8 | 8:05                                                                                | 4:44 |  |
| 29   | Tue | 3:24  | 8.3  | 2:49     | 9.1  | 8:41  | 2.8 | 9:13  | -0.5 | 8:05                                                                                | 4:45 |  |
| 30   | Wed | 4:07  | 8.5  | 3:40     | 8.5  | 9:34  | 2.7 | 9:58  | 0.0  | 8:05                                                                                | 4:45 |  |
| 31   | Thu | 4:53  | 8.6  | 4:38     | 7.9  | 10:35 | 2.5 | 10:50 | 0.5  | 8:05                                                                                | 4:46 |  |