

## Hammond, Columbia River, OR - Oct 1977

| Date |     | High  |     |       |     | Low   |      |       |      |  |      |    |
|------|-----|-------|-----|-------|-----|-------|------|-------|------|-------------------------------------------------------------------------------------|------|---------------------------------------------------------------------------------------|
|      |     | AM    | ft  | PM    | ft  | AM    | ft   | PM    | ft   | Rise                                                                                | Set  | Moon                                                                                  |
| 1    | Sat | 4:17  | 6.8 | 3:56  | 7.7 | 9:37  | 2.0  | 10:20 | 0.1  | 7:14                                                                                | 6:56 |    |
| 2    | Sun | 5:01  | 6.4 | 4:30  | 7.4 | 10:14 | 2.5  | 11:02 | 0.5  | 7:15                                                                                | 6:54 |    |
| 3    | Mon | 5:50  | 6.0 | 5:10  | 7.1 | 10:56 | 3.0  | 11:52 | 0.8  | 7:17                                                                                | 6:52 |    |
| 4    | Tue | 6:47  | 5.7 | 5:59  | 6.7 | 11:49 | 3.3  |       |      | 7:18                                                                                | 6:50 |    |
| 5    | Wed | 7:54  | 5.6 | 7:04  | 6.4 | 12:52 | 1.1  | 1:00  | 3.5  | 7:19                                                                                | 6:48 |    |
| 6    | Thu | 9:01  | 5.8 | 8:20  | 6.3 | 2:01  | 1.3  | 2:22  | 3.4  | 7:21                                                                                | 6:46 |    |
| 7    | Fri | 9:59  | 6.1 | 9:32  | 6.4 | 3:07  | 1.2  | 3:34  | 3.0  | 7:22                                                                                | 6:44 |    |
| 8    | Sat | 10:45 | 6.6 | 10:35 | 6.8 | 4:04  | 1.0  | 4:31  | 2.3  | 7:23                                                                                | 6:42 |    |
| 9    | Sun | 11:25 | 7.1 | 11:29 | 7.2 | 4:52  | 0.8  | 5:19  | 1.5  | 7:25                                                                                | 6:40 |    |
| 10   | Mon |       |     | 12:02 | 7.7 | 5:33  | 0.6  | 6:02  | 0.7  | 7:26                                                                                | 6:38 |    |
| 11   | Tue | 12:19 | 7.5 | 12:38 | 8.2 | 6:12  | 0.5  | 6:43  | -0.1 | 7:27                                                                                | 6:37 |    |
| 12   | Wed | 1:06  | 7.8 | 1:14  | 8.7 | 6:51  | 0.6  | 7:24  | -0.7 | 7:29                                                                                | 6:35 |    |
| 13   | Thu | 1:53  | 7.9 | 1:51  | 9.1 | 7:29  | 0.7  | 8:06  | -1.2 | 7:30                                                                                | 6:33 |   |
| 14   | Fri | 2:41  | 7.9 | 2:31  | 9.3 | 8:09  | 1.0  | 8:51  | -1.4 | 7:31                                                                                | 6:31 |  |
| 15   | Sat | 3:30  | 7.8 | 3:13  | 9.3 | 8:52  | 1.4  | 9:38  | -1.4 | 7:33                                                                                | 6:29 |  |
| 16   | Sun | 4:22  | 7.5 | 3:58  | 9.1 | 9:38  | 1.8  | 10:29 | -1.1 | 7:34                                                                                | 6:27 |  |
| 17   | Mon | 5:18  | 7.2 | 4:50  | 8.7 | 10:30 | 2.3  | 11:25 | -0.6 | 7:35                                                                                | 6:26 |  |
| 18   | Tue | 6:19  | 7.0 | 5:49  | 8.1 | 11:31 | 2.7  |       |      | 7:37                                                                                | 6:24 |  |
| 19   | Wed | 7:25  | 6.8 | 6:59  | 7.5 | 12:29 | -0.1 | 12:47 | 2.9  | 7:38                                                                                | 6:22 |  |
| 20   | Thu | 8:34  | 7.0 | 8:16  | 7.2 | 1:40  | 0.3  | 2:13  | 2.7  | 7:40                                                                                | 6:20 |  |
| 21   | Fri | 9:38  | 7.3 | 9:33  | 7.1 | 2:50  | 0.5  | 3:32  | 2.2  | 7:41                                                                                | 6:19 |  |
| 22   | Sat | 10:32 | 7.7 | 10:42 | 7.2 | 3:54  | 0.7  | 4:36  | 1.5  | 7:42                                                                                | 6:17 |  |
| 23   | Sun | 11:19 | 8.1 | 11:41 | 7.3 | 4:48  | 0.8  | 5:29  | 0.8  | 7:44                                                                                | 6:15 |  |
| 24   | Mon |       |     | 12:00 | 8.4 | 5:34  | 1.0  | 6:14  | 0.2  | 7:45                                                                                | 6:14 |  |
| 25   | Tue | 12:32 | 7.5 | 12:37 | 8.6 | 6:14  | 1.2  | 6:54  | -0.2 | 7:47                                                                                | 6:12 |  |
| 26   | Wed | 1:18  | 7.5 | 1:11  | 8.7 | 6:51  | 1.5  | 7:31  | -0.5 | 7:48                                                                                | 6:10 |  |
| 27   | Thu | 2:01  | 7.5 | 1:43  | 8.6 | 7:26  | 1.8  | 8:06  | -0.6 | 7:49                                                                                | 6:09 |  |
| 28   | Fri | 2:42  | 7.4 | 2:15  | 8.5 | 8:00  | 2.2  | 8:40  | -0.5 | 7:51                                                                                | 6:07 |  |
| 29   | Sat | 3:22  | 7.3 | 2:46  | 8.3 | 8:34  | 2.5  | 9:14  | -0.3 | 7:52                                                                                | 6:06 |  |
| 30   | Sun | 3:01  | 7.1 | 2:17  | 8.1 | 8:09  | 2.8  | 8:50  | -0.1 | 6:54                                                                                | 5:04 |  |
| 31   | Mon | 3:42  | 6.8 | 2:52  | 7.8 | 8:46  | 3.2  | 9:29  | 0.2  | 6:55                                                                                | 5:03 |  |