

## Columbia River entrance, WA - Jun 1977

| Date |     | High  |     |       |     | Low   |      |       |     |  |      |    |
|------|-----|-------|-----|-------|-----|-------|------|-------|-----|-------------------------------------------------------------------------------------|------|---------------------------------------------------------------------------------------|
|      |     | AM    | ft  | PM    | ft  | AM    | ft   | PM    | ft  | Rise                                                                                | Set  | Moon                                                                                  |
| 1    | Wed | 12:09 | 8.9 | 1:32  | 6.9 | 6:56  | -1.5 | 6:48  | 2.1 | 5:27                                                                                | 9:00 |    |
| 2    | Thu | 12:57 | 9.1 | 2:25  | 7.1 | 7:47  | -1.7 | 7:41  | 2.1 | 5:27                                                                                | 9:01 |    |
| 3    | Fri | 1:46  | 9.0 | 3:17  | 7.2 | 8:36  | -1.7 | 8:34  | 2.1 | 5:26                                                                                | 9:02 |    |
| 4    | Sat | 2:36  | 8.7 | 4:08  | 7.2 | 9:23  | -1.5 | 9:28  | 2.2 | 5:26                                                                                | 9:03 |    |
| 5    | Sun | 3:28  | 8.2 | 4:58  | 7.2 | 10:10 | -1.1 | 10:23 | 2.2 | 5:25                                                                                | 9:03 |    |
| 6    | Mon | 4:22  | 7.5 | 5:49  | 7.1 | 10:58 | -0.6 | 11:23 | 2.2 | 5:25                                                                                | 9:04 |    |
| 7    | Tue | 5:22  | 6.8 | 6:41  | 7.1 | 11:47 | 0.1  |       |     | 5:24                                                                                | 9:05 |    |
| 8    | Wed | 6:27  | 6.1 | 7:33  | 7.1 | 12:27 | 2.2  | 12:40 | 0.7 | 5:24                                                                                | 9:06 |    |
| 9    | Thu | 7:37  | 5.6 | 8:24  | 7.2 | 1:35  | 1.9  | 1:34  | 1.3 | 5:24                                                                                | 9:06 |    |
| 10   | Fri | 8:49  | 5.3 | 9:13  | 7.3 | 2:41  | 1.5  | 2:30  | 1.8 | 5:24                                                                                | 9:07 |    |
| 11   | Sat | 9:57  | 5.4 | 9:59  | 7.4 | 3:41  | 1.0  | 3:23  | 2.1 | 5:23                                                                                | 9:07 |    |
| 12   | Sun | 10:57 | 5.6 | 10:41 | 7.6 | 4:35  | 0.5  | 4:12  | 2.4 | 5:23                                                                                | 9:08 |   |
| 13   | Mon | 11:49 | 5.8 | 11:20 | 7.6 | 5:22  | 0.1  | 4:59  | 2.6 | 5:23                                                                                | 9:09 |  |
| 14   | Tue |       |     | 12:37 | 6.1 | 6:05  | -0.2 | 5:43  | 2.7 | 5:23                                                                                | 9:09 |  |
| 15   | Wed |       |     | 1:20  | 6.2 | 6:45  | -0.4 | 6:26  | 2.8 | 5:23                                                                                | 9:09 |  |
| 16   | Thu | 12:32 | 7.7 | 2:01  | 6.3 | 7:23  | -0.5 | 7:07  | 2.9 | 5:23                                                                                | 9:10 |  |
| 17   | Fri | 1:07  | 7.6 | 2:40  | 6.4 | 7:58  | -0.6 | 7:48  | 2.9 | 5:23                                                                                | 9:10 |  |
| 18   | Sat | 1:41  | 7.6 | 3:18  | 6.4 | 8:32  | -0.6 | 8:27  | 2.8 | 5:23                                                                                | 9:11 |  |
| 19   | Sun | 2:16  | 7.5 | 3:53  | 6.4 | 9:04  | -0.5 | 9:06  | 2.7 | 5:23                                                                                | 9:11 |  |
| 20   | Mon | 2:54  | 7.3 | 4:28  | 6.5 | 9:36  | -0.4 | 9:47  | 2.6 | 5:23                                                                                | 9:11 |  |
| 21   | Tue | 3:36  | 7.0 | 5:04  | 6.6 | 10:10 | -0.2 | 10:32 | 2.5 | 5:24                                                                                | 9:11 |  |
| 22   | Wed | 4:23  | 6.6 | 5:43  | 6.7 | 10:47 | 0.1  | 11:26 | 2.3 | 5:24                                                                                | 9:12 |  |
| 23   | Thu | 5:20  | 6.1 | 6:27  | 6.9 | 11:31 | 0.6  |       |     | 5:24                                                                                | 9:12 |  |
| 24   | Fri | 6:29  | 5.6 | 7:16  | 7.1 | 12:29 | 2.0  | 12:23 | 1.1 | 5:25                                                                                | 9:12 |  |
| 25   | Sat | 7:49  | 5.3 | 8:10  | 7.5 | 1:40  | 1.6  | 1:24  | 1.6 | 5:25                                                                                | 9:12 |  |
| 26   | Sun | 9:10  | 5.3 | 9:05  | 7.9 | 2:50  | 0.9  | 2:29  | 2.0 | 5:25                                                                                | 9:12 |  |
| 27   | Mon | 10:24 | 5.5 | 10:01 | 8.3 | 3:55  | 0.2  | 3:34  | 2.2 | 5:26                                                                                | 9:12 |  |
| 28   | Tue | 11:29 | 5.9 | 10:55 | 8.6 | 4:55  | -0.6 | 4:36  | 2.3 | 5:26                                                                                | 9:12 |  |
| 29   | Wed |       |     | 12:26 | 6.4 | 5:50  | -1.2 | 5:35  | 2.2 | 5:27                                                                                | 9:12 |  |
| 30   | Thu |       |     | 1:20  | 6.7 | 6:42  | -1.6 | 6:32  | 2.1 | 5:27                                                                                | 9:12 |  |