

## Columbia River entrance, WA - Jan 1963

| Date |     | High  |     |          |     | Low   |     |       |      |  |      |    |
|------|-----|-------|-----|----------|-----|-------|-----|-------|------|-------------------------------------------------------------------------------------|------|---------------------------------------------------------------------------------------|
|      |     | AM    | ft  | PM       | ft  | AM    | ft  | PM    | ft   | Rise                                                                                | Set  | Moon                                                                                  |
| 1    | Tue | 4:45  | 7.4 | 4:15     | 7.2 | 10:20 | 3.0 | 10:35 | 0.6  | 7:59                                                                                | 4:40 |    |
| 2    | Wed | 5:33  | 7.6 | 5:27     | 6.6 | 11:29 | 2.7 | 11:30 | 1.3  | 7:59                                                                                | 4:41 |    |
| 3    | Thu | 6:25  | 7.8 | 6:48     | 6.1 |       |     | 12:43 | 2.2  | 7:59                                                                                | 4:42 |    |
| 4    | Fri | 7:19  | 8.1 | 8:11     | 6.0 | 12:31 | 2.0 | 1:56  | 1.5  | 7:59                                                                                | 4:43 |    |
| 5    | Sat | 8:14  | 8.4 | 9:26     | 6.2 | 1:35  | 2.5 | 3:02  | 0.7  | 7:59                                                                                | 4:44 |    |
| 6    | Sun | 9:07  | 8.8 | 10:31    | 6.6 | 2:38  | 2.9 | 4:01  | 0.0  | 7:58                                                                                | 4:45 |    |
| 7    | Mon | 9:59  | 9.0 | 11:28    | 7.0 | 3:38  | 3.1 | 4:54  | -0.5 | 7:58                                                                                | 4:46 |    |
| 8    | Tue | 10:47 | 9.1 |          |     | 4:34  | 3.2 | 5:43  | -0.8 | 7:58                                                                                | 4:47 |    |
| 9    | Wed | 12:20 | 7.3 | 11:34 AM | 9.1 | 5:27  | 3.2 | 6:29  | -0.9 | 7:58                                                                                | 4:48 |    |
| 10   | Thu | 1:07  | 7.5 | 12:19    | 8.9 | 6:17  | 3.2 | 7:11  | -0.8 | 7:57                                                                                | 4:49 |    |
| 11   | Fri | 1:51  | 7.5 | 1:03     | 8.6 | 7:04  | 3.2 | 7:50  | -0.5 | 7:57                                                                                | 4:51 |    |
| 12   | Sat | 2:33  | 7.5 | 1:45     | 8.2 | 7:50  | 3.1 | 8:26  | -0.2 | 7:56                                                                                | 4:52 |    |
| 13   | Sun | 3:12  | 7.4 | 2:27     | 7.7 | 8:33  | 3.1 | 9:00  | 0.3  | 7:56                                                                                | 4:53 |   |
| 14   | Mon | 3:50  | 7.3 | 3:11     | 7.1 | 9:18  | 3.1 | 9:34  | 0.8  | 7:55                                                                                | 4:54 |  |
| 15   | Tue | 4:27  | 7.2 | 4:00     | 6.4 | 10:05 | 3.0 | 10:08 | 1.4  | 7:55                                                                                | 4:56 |  |
| 16   | Wed | 5:04  | 7.2 | 4:57     | 5.8 | 10:59 | 3.0 | 10:47 | 2.1  | 7:54                                                                                | 4:57 |  |
| 17   | Thu | 5:44  | 7.1 | 6:06     | 5.3 |       |     | 12:01 | 2.8  | 7:54                                                                                | 4:58 |  |
| 18   | Fri | 6:28  | 7.2 | 7:25     | 5.1 |       |     | 1:08  | 2.5  | 7:53                                                                                | 5:00 |  |
| 19   | Sat | 7:16  | 7.3 | 8:42     | 5.2 | 12:32 | 3.3 | 2:12  | 2.0  | 7:52                                                                                | 5:01 |  |
| 20   | Sun | 8:06  | 7.5 | 9:49     | 5.6 | 1:35  | 3.6 | 3:10  | 1.4  | 7:51                                                                                | 5:02 |  |
| 21   | Mon | 8:55  | 7.8 | 10:44    | 6.0 | 2:37  | 3.8 | 4:00  | 0.8  | 7:51                                                                                | 5:04 |  |
| 22   | Tue | 9:43  | 8.1 | 11:32    | 6.5 | 3:34  | 3.9 | 4:47  | 0.3  | 7:50                                                                                | 5:05 |  |
| 23   | Wed | 10:29 | 8.4 |          |     | 4:26  | 3.8 | 5:30  | -0.2 | 7:49                                                                                | 5:07 |  |
| 24   | Thu | 12:16 | 6.8 | 11:14 AM | 8.7 | 5:16  | 3.6 | 6:11  | -0.6 | 7:48                                                                                | 5:08 |  |
| 25   | Fri | 12:56 | 7.1 | 11:59 AM | 8.9 | 6:03  | 3.3 | 6:51  | -0.8 | 7:47                                                                                | 5:09 |  |
| 26   | Sat | 1:35  | 7.4 | 12:45    | 8.9 | 6:49  | 3.0 | 7:29  | -0.9 | 7:46                                                                                | 5:11 |  |
| 27   | Sun | 2:12  | 7.6 | 1:31     | 8.8 | 7:34  | 2.6 | 8:07  | -0.8 | 7:45                                                                                | 5:12 |  |
| 28   | Mon | 2:50  | 7.7 | 2:20     | 8.4 | 8:21  | 2.3 | 8:45  | -0.4 | 7:44                                                                                | 5:14 |  |
| 29   | Tue | 3:28  | 7.9 | 3:12     | 7.8 | 9:10  | 2.0 | 9:25  | 0.1  | 7:43                                                                                | 5:15 |  |
| 30   | Wed | 4:08  | 8.0 | 4:11     | 7.1 | 10:05 | 1.8 | 10:08 | 0.9  | 7:42                                                                                | 5:17 |  |
| 31   | Thu | 4:53  | 8.1 | 5:20     | 6.4 | 11:08 | 1.7 | 10:58 | 1.7  | 7:40                                                                                | 5:18 |  |