

## Toke Point, Willapa Bay, WA - Jul 1890

| Date |     | High  |      |       |     | Low   |      |       |     |  |      |    |
|------|-----|-------|------|-------|-----|-------|------|-------|-----|-------------------------------------------------------------------------------------|------|---------------------------------------------------------------------------------------|
|      |     | AM    | ft   | PM    | ft  | AM    | ft   | PM    | ft  | Rise                                                                                | Set  | Moon                                                                                  |
| 1    | Tue |       |      | 12:31 | 7.0 | 5:52  | -2.1 | 5:39  | 2.6 | 4:25                                                                                | 8:13 |    |
| 2    | Wed |       |      | 1:21  | 7.3 | 6:39  | -2.7 | 6:31  | 2.5 | 4:26                                                                                | 8:12 |    |
| 3    | Thu | 12:30 | 10.0 | 2:09  | 7.6 | 7:25  | -2.9 | 7:21  | 2.4 | 4:27                                                                                | 8:12 |    |
| 4    | Fri | 1:20  | 10.0 | 2:57  | 7.8 | 8:12  | -2.9 | 8:14  | 2.3 | 4:27                                                                                | 8:12 |    |
| 5    | Sat | 2:13  | 9.6  | 3:46  | 7.9 | 9:00  | -2.5 | 9:11  | 2.2 | 4:28                                                                                | 8:11 |    |
| 6    | Sun | 3:08  | 9.1  | 4:34  | 8.0 | 9:48  | -1.9 | 10:12 | 2.1 | 4:29                                                                                | 8:11 |    |
| 7    | Mon | 4:07  | 8.3  | 5:23  | 8.2 | 10:38 | -1.1 | 11:18 | 1.9 | 4:30                                                                                | 8:11 |    |
| 8    | Tue | 5:10  | 7.4  | 6:14  | 8.3 | 11:29 | -0.2 |       |     | 4:30                                                                                | 8:10 |    |
| 9    | Wed | 6:20  | 6.6  | 7:06  | 8.3 | 12:28 | 1.6  | 12:23 | 0.8 | 4:31                                                                                | 8:10 |    |
| 10   | Thu | 7:38  | 6.0  | 7:58  | 8.4 | 1:40  | 1.1  | 1:21  | 1.6 | 4:32                                                                                | 8:09 |    |
| 11   | Fri | 9:00  | 5.8  | 8:48  | 8.5 | 2:47  | 0.5  | 2:22  | 2.3 | 4:33                                                                                | 8:08 |    |
| 12   | Sat | 10:14 | 6.0  | 9:36  | 8.5 | 3:46  | 0.0  | 3:22  | 2.8 | 4:34                                                                                | 8:08 |   |
| 13   | Sun | 11:17 | 6.2  | 10:21 | 8.5 | 4:37  | -0.5 | 4:17  | 3.0 | 4:35                                                                                | 8:07 |  |
| 14   | Mon |       |      | 12:09 | 6.5 | 5:23  | -0.9 | 5:08  | 3.1 | 4:36                                                                                | 8:06 |  |
| 15   | Tue |       |      | 12:51 | 6.7 | 6:03  | -1.1 | 5:53  | 3.1 | 4:37                                                                                | 8:06 |  |
| 16   | Wed |       |      | 1:28  | 6.8 | 6:41  | -1.3 | 6:33  | 3.0 | 4:38                                                                                | 8:05 |  |
| 17   | Thu | 12:24 | 8.5  | 2:01  | 6.9 | 7:16  | -1.3 | 7:11  | 2.9 | 4:39                                                                                | 8:04 |  |
| 18   | Fri | 1:02  | 8.5  | 2:34  | 7.0 | 7:50  | -1.2 | 7:48  | 2.9 | 4:40                                                                                | 8:03 |  |
| 19   | Sat | 1:39  | 8.3  | 3:06  | 7.1 | 8:23  | -1.0 | 8:26  | 2.8 | 4:41                                                                                | 8:02 |  |
| 20   | Sun | 2:16  | 8.0  | 3:40  | 7.1 | 8:57  | -0.7 | 9:06  | 2.7 | 4:42                                                                                | 8:01 |  |
| 21   | Mon | 2:55  | 7.7  | 4:13  | 7.2 | 9:30  | -0.3 | 9:50  | 2.6 | 4:43                                                                                | 8:00 |  |
| 22   | Tue | 3:37  | 7.2  | 4:48  | 7.3 | 10:05 | 0.2  | 10:40 | 2.5 | 4:44                                                                                | 7:59 |  |
| 23   | Wed | 4:25  | 6.6  | 5:25  | 7.5 | 10:42 | 0.8  | 11:35 | 2.2 | 4:45                                                                                | 7:58 |  |
| 24   | Thu | 5:22  | 6.1  | 6:06  | 7.7 | 11:23 | 1.4  |       |     | 4:46                                                                                | 7:57 |  |
| 25   | Fri | 6:32  | 5.6  | 6:52  | 7.9 | 12:37 | 1.7  | 12:11 | 2.1 | 4:47                                                                                | 7:56 |  |
| 26   | Sat | 7:53  | 5.5  | 7:45  | 8.2 | 1:44  | 1.1  | 1:11  | 2.6 | 4:49                                                                                | 7:55 |  |
| 27   | Sun | 9:13  | 5.6  | 8:41  | 8.6 | 2:49  | 0.3  | 2:18  | 3.0 | 4:50                                                                                | 7:54 |  |
| 28   | Mon | 10:23 | 6.0  | 9:36  | 9.1 | 3:48  | -0.5 | 3:26  | 3.1 | 4:51                                                                                | 7:52 |  |
| 29   | Tue | 11:23 | 6.5  | 10:32 | 9.5 | 4:43  | -1.4 | 4:28  | 2.9 | 4:52                                                                                | 7:51 |  |
| 30   | Wed |       |      | 12:15 | 7.0 | 5:34  | -2.1 | 5:26  | 2.6 | 4:53                                                                                | 7:50 |  |
| 31   | Thu |       |      | 1:02  | 7.5 | 6:22  | -2.5 | 6:19  | 2.1 | 4:55                                                                                | 7:49 |  |