

## Toke Point, Willapa Bay, WA - Nov 1889

| Date |     | High  |      |          |      | Low   |     |       |      |  |      |    |
|------|-----|-------|------|----------|------|-------|-----|-------|------|-------------------------------------------------------------------------------------|------|---------------------------------------------------------------------------------------|
|      |     | AM    | ft   | PM       | ft   | AM    | ft  | PM    | ft   | Rise                                                                                | Set  | Moon                                                                                  |
| 1    | Fri | 8:09  | 7.8  | 7:38     | 7.9  | 1:07  | 0.5 | 1:50  | 3.7  | 6:58                                                                                | 5:00 |    |
| 2    | Sat | 9:08  | 8.3  | 8:55     | 7.9  | 2:16  | 0.7 | 3:04  | 2.9  | 7:00                                                                                | 4:58 |    |
| 3    | Sun | 9:56  | 8.8  | 10:02    | 8.1  | 3:16  | 0.9 | 4:04  | 2.0  | 7:01                                                                                | 4:57 |    |
| 4    | Mon | 10:37 | 9.2  | 10:59    | 8.2  | 4:08  | 1.1 | 4:54  | 1.1  | 7:03                                                                                | 4:55 |    |
| 5    | Tue | 11:14 | 9.6  | 11:50    | 8.3  | 4:54  | 1.4 | 5:38  | 0.4  | 7:04                                                                                | 4:54 |    |
| 6    | Wed | 11:48 | 9.7  |          |      | 5:35  | 1.7 | 6:17  | -0.1 | 7:06                                                                                | 4:53 |    |
| 7    | Thu | 12:36 | 8.3  | 12:20    | 9.8  | 6:14  | 2.1 | 6:54  | -0.4 | 7:07                                                                                | 4:51 |    |
| 8    | Fri | 1:19  | 8.3  | 12:50    | 9.7  | 6:50  | 2.5 | 7:29  | -0.5 | 7:09                                                                                | 4:50 |    |
| 9    | Sat | 2:00  | 8.1  | 1:21     | 9.5  | 7:25  | 3.0 | 8:04  | -0.5 | 7:10                                                                                | 4:49 |    |
| 10   | Sun | 2:40  | 7.9  | 1:52     | 9.2  | 7:59  | 3.4 | 8:40  | -0.2 | 7:12                                                                                | 4:47 |    |
| 11   | Mon | 3:22  | 7.7  | 2:26     | 8.9  | 8:36  | 3.9 | 9:19  | 0.1  | 7:13                                                                                | 4:46 |    |
| 12   | Tue | 4:07  | 7.4  | 3:03     | 8.4  | 9:16  | 4.3 | 10:01 | 0.5  | 7:15                                                                                | 4:45 |   |
| 13   | Wed | 4:56  | 7.2  | 3:47     | 8.0  | 10:04 | 4.6 | 10:49 | 1.0  | 7:16                                                                                | 4:44 |  |
| 14   | Thu | 5:50  | 7.1  | 4:41     | 7.5  | 11:04 | 4.8 | 11:42 | 1.4  | 7:17                                                                                | 4:43 |  |
| 15   | Fri | 6:49  | 7.2  | 5:49     | 7.1  |       |     | 12:18 | 4.7  | 7:19                                                                                | 4:42 |  |
| 16   | Sat | 7:46  | 7.4  | 7:07     | 7.0  | 12:41 | 1.7 | 1:36  | 4.3  | 7:20                                                                                | 4:41 |  |
| 17   | Sun | 8:35  | 7.9  | 8:21     | 7.1  | 1:42  | 1.8 | 2:42  | 3.6  | 7:22                                                                                | 4:39 |  |
| 18   | Mon | 9:17  | 8.4  | 9:26     | 7.3  | 2:37  | 1.9 | 3:35  | 2.7  | 7:23                                                                                | 4:39 |  |
| 19   | Tue | 9:55  | 9.0  | 10:23    | 7.7  | 3:27  | 2.0 | 4:21  | 1.6  | 7:25                                                                                | 4:38 |  |
| 20   | Wed | 10:32 | 9.6  | 11:17    | 8.1  | 4:13  | 2.0 | 5:05  | 0.5  | 7:26                                                                                | 4:37 |  |
| 21   | Thu | 11:09 | 10.2 |          |      | 4:58  | 2.1 | 5:48  | -0.5 | 7:27                                                                                | 4:36 |  |
| 22   | Fri | 12:08 | 8.4  | 11:47 AM | 10.6 | 5:41  | 2.3 | 6:30  | -1.3 | 7:29                                                                                | 4:35 |  |
| 23   | Sat | 12:58 | 8.6  | 12:27    | 10.9 | 6:25  | 2.5 | 7:14  | -1.8 | 7:30                                                                                | 4:34 |  |
| 24   | Sun | 1:48  | 8.6  | 1:09     | 10.9 | 7:09  | 2.8 | 7:59  | -1.9 | 7:31                                                                                | 4:33 |  |
| 25   | Mon | 2:39  | 8.6  | 1:55     | 10.7 | 7:56  | 3.1 | 8:47  | -1.8 | 7:33                                                                                | 4:33 |  |
| 26   | Tue | 3:33  | 8.5  | 2:45     | 10.3 | 8:47  | 3.5 | 9:39  | -1.3 | 7:34                                                                                | 4:32 |  |
| 27   | Wed | 4:29  | 8.3  | 3:42     | 9.6  | 9:47  | 3.7 | 10:34 | -0.6 | 7:35                                                                                | 4:31 |  |
| 28   | Thu | 5:29  | 8.3  | 4:46     | 8.8  | 10:55 | 3.9 | 11:33 | 0.1  | 7:37                                                                                | 4:31 |  |
| 29   | Fri | 6:31  | 8.3  | 5:59     | 8.1  |       |     | 12:14 | 3.8  | 7:38                                                                                | 4:30 |  |
| 30   | Sat | 7:33  | 8.6  | 7:19     | 7.6  | 12:35 | 0.8 | 1:35  | 3.3  | 7:39                                                                                | 4:30 |  |