


































## Port Protection, Prince of Wales Island, AK - Jul 1999

| Date |     | High  |      |       |      | Low   |      |       |     |  |      |    |
|------|-----|-------|------|-------|------|-------|------|-------|-----|---|------|---|
|      |     | AM    | ft   | PM    | ft   | AM    | ft   | PM    | ft  | Rise  | Set  | Moon  |
| 1    | Thu | 2:18  | 12.2 | 3:43  | 10.8 | 9:10  | -1.3 | 9:08  | 3.1 | 4:10  | 9:46 |    |
| 2    | Fri | 2:55  | 12.0 | 4:21  | 10.8 | 9:46  | -1.2 | 9:51  | 3.0 | 4:11  | 9:45 |    |
| 3    | Sat | 3:36  | 11.5 | 5:00  | 10.8 | 10:23 | -0.8 | 10:39 | 3.0 | 4:12  | 9:44 |    |
| 4    | Sun | 4:23  | 11.0 | 5:44  | 10.9 | 11:03 | -0.3 | 11:36 | 2.8 | 4:13  | 9:44 |    |
| 5    | Mon | 5:18  | 10.3 | 6:31  | 11.1 | 11:48 | 0.4  |       |     | 4:14  | 9:43 |    |
| 6    | Tue | 6:26  | 9.7  | 7:22  | 11.4 | 12:42 | 2.5  | 12:40 | 1.1 | 4:15  | 9:42 |    |
| 7    | Wed | 7:46  | 9.2  | 8:17  | 11.9 | 1:56  | 1.9  | 1:41  | 1.8 | 4:16  | 9:42 |    |
| 8    | Thu | 9:11  | 9.3  | 9:14  | 12.4 | 3:08  | 1.0  | 2:47  | 2.3 | 4:17  | 9:41 |    |
| 9    | Fri | 10:29 | 9.6  | 10:11 | 12.9 | 4:13  | -0.1 | 3:54  | 2.6 | 4:18  | 9:40 |    |
| 10   | Sat | 11:35 | 10.3 | 11:05 | 13.4 | 5:10  | -1.1 | 4:56  | 2.6 | 4:20  | 9:39 |    |
| 11   | Sun |       |      | 12:31 | 10.9 | 6:03  | -2.0 | 5:54  | 2.5 | 4:21  | 9:38 |    |
| 12   | Mon |       |      | 1:21  | 11.4 | 6:52  | -2.6 | 6:48  | 2.3 | 4:22  | 9:37 |    |
| 13   | Tue | 12:48 | 14.0 | 2:08  | 11.7 | 7:39  | -2.9 | 7:39  | 2.1 | 4:24  | 9:35 |    |
| 14   | Wed | 1:36  | 13.9 | 2:53  | 11.9 | 8:24  | -2.8 | 8:29  | 2.0 | 4:25  | 9:34 |   |
| 15   | Thu | 2:24  | 13.5 | 3:37  | 11.9 | 9:08  | -2.4 | 9:18  | 1.9 | 4:27  | 9:33 |  |
| 16   | Fri | 3:11  | 12.8 | 4:20  | 11.8 | 9:50  | -1.8 | 10:08 | 2.0 | 4:28  | 9:32 |  |
| 17   | Sat | 3:59  | 11.9 | 5:04  | 11.6 | 10:32 | -0.9 | 11:01 | 2.2 | 4:30  | 9:30 |  |
| 18   | Sun | 4:49  | 10.9 | 5:49  | 11.3 | 11:14 | 0.1  | 11:58 | 2.3 | 4:32  | 9:29 |  |
| 19   | Mon | 5:45  | 9.9  | 6:35  | 11.0 | 11:57 | 1.2  |       |     | 4:33  | 9:27 |  |
| 20   | Tue | 6:50  | 9.1  | 7:24  | 10.9 | 1:02  | 2.4  | 12:45 | 2.1 | 4:35  | 9:26 |  |
| 21   | Wed | 8:07  | 8.6  | 8:17  | 10.8 | 2:13  | 2.2  | 1:41  | 3.0 | 4:36  | 9:24 |  |
| 22   | Thu | 9:30  | 8.5  | 9:10  | 10.9 | 3:22  | 1.8  | 2:45  | 3.5 | 4:38  | 9:22 |  |
| 23   | Fri | 10:42 | 8.8  | 10:02 | 11.2 | 4:20  | 1.3  | 3:49  | 3.8 | 4:40  | 9:21 |  |
| 24   | Sat | 11:38 | 9.3  | 10:49 | 11.5 | 5:09  | 0.7  | 4:45  | 3.8 | 4:42  | 9:19 |  |
| 25   | Sun |       |      | 12:21 | 9.8  | 5:51  | 0.1  | 5:32  | 3.6 | 4:43  | 9:17 |  |
| 26   | Mon |       |      | 12:59 | 10.2 | 6:29  | -0.4 | 6:15  | 3.4 | 4:45  | 9:16 |  |
| 27   | Tue | 12:12 | 12.2 | 1:33  | 10.6 | 7:04  | -0.9 | 6:55  | 3.0 | 4:47  | 9:14 |  |
| 28   | Wed | 12:50 | 12.5 | 2:06  | 10.9 | 7:39  | -1.2 | 7:33  | 2.7 | 4:49  | 9:12 |  |
| 29   | Thu | 1:27  | 12.6 | 2:39  | 11.2 | 8:13  | -1.4 | 8:12  | 2.4 | 4:51  | 9:10 |  |
| 30   | Fri | 2:04  | 12.6 | 3:12  | 11.4 | 8:47  | -1.4 | 8:51  | 2.2 | 4:53  | 9:08 |  |
| 31   | Sat | 2:43  | 12.3 | 3:47  | 11.6 | 9:21  | -1.2 | 9:34  | 1.9 | 4:55  | 9:06 |  |