

































## Orcas, Orcas Island, WA - Jul 1983

| Date |     | High  |     |       |     | Low   |      |          |      |  |      |    |
|------|-----|-------|-----|-------|-----|-------|------|----------|------|---|------|---|
|      |     | AM    | ft  | PM    | ft  | AM    | ft   | PM       | ft   | Rise  | Set  | Moon  |
| 1    | Fri | 8:27  | 5.1 | 11:02 | 7.7 | 5:24  | 4.7  | 3:32     | 0.7  | 5:13  | 9:17 |    |
| 2    | Sat | 9:39  | 4.6 | 11:29 | 7.6 | 6:11  | 4.1  | 4:13     | 1.5  | 5:14  | 9:17 |    |
| 3    | Sun | 11:06 | 4.3 | 11:57 | 7.6 | 6:50  | 3.2  | 4:56     | 2.5  | 5:14  | 9:17 |    |
| 4    | Mon |       |     | 12:55 | 4.3 | 7:25  | 2.3  | 5:47     | 3.4  | 5:15  | 9:16 |    |
| 5    | Tue | 12:26 | 7.5 | 3:07  | 4.9 | 7:59  | 1.2  | 6:50     | 4.4  | 5:16  | 9:16 |    |
| 6    | Wed | 12:55 | 7.5 | 4:25  | 5.8 | 8:35  | 0.1  | 7:58     | 5.2  | 5:16  | 9:16 |    |
| 7    | Thu | 1:27  | 7.6 | 5:18  | 6.6 | 9:13  | -1.0 | 9:02     | 5.7  | 5:17  | 9:15 |    |
| 8    | Fri | 2:01  | 7.7 | 6:01  | 7.3 | 9:54  | -2.0 | 9:59     | 6.1  | 5:18  | 9:15 |    |
| 9    | Sat | 2:40  | 7.7 | 6:42  | 7.8 | 10:37 | -2.7 | 10:52    | 6.2  | 5:19  | 9:14 |    |
| 10   | Sun | 3:27  | 7.8 | 7:22  | 8.1 | 11:22 | -3.1 | 11:46    | 6.2  | 5:20  | 9:13 |    |
| 11   | Mon | 4:21  | 7.7 | 8:02  | 8.3 |       |      | 12:09    | -3.1 | 5:21  | 9:13 |    |
| 12   | Tue | 5:21  | 7.4 | 8:42  | 8.3 | 12:44 | 6.0  | 12:57    | -2.8 | 5:22  | 9:12 |   |
| 13   | Wed | 6:24  | 7.0 | 9:22  | 8.3 | 1:47  | 5.5  | 1:46     | -2.1 | 5:23  | 9:11 |  |
| 14   | Thu | 7:30  | 6.3 | 10:00 | 8.3 | 2:57  | 4.9  | 2:35     | -1.1 | 5:24  | 9:10 |  |
| 15   | Fri | 8:44  | 5.6 | 10:37 | 8.2 | 4:10  | 4.0  | 3:25     | 0.1  | 5:25  | 9:10 |  |
| 16   | Sat | 10:12 | 4.9 | 11:13 | 8.1 | 5:21  | 3.1  | 4:16     | 1.5  | 5:26  | 9:09 |  |
| 17   | Sun |       |     | 12:11 | 4.7 | 6:26  | 2.0  | 5:11     | 2.9  | 5:27  | 9:08 |  |
| 18   | Mon |       |     | 2:15  | 5.1 | 7:24  | 1.0  | 6:15     | 4.1  | 5:28  | 9:07 |  |
| 19   | Tue | 12:22 | 7.6 | 3:45  | 5.9 | 8:13  | 0.2  | 7:31     | 5.1  | 5:29  | 9:06 |  |
| 20   | Wed | 12:56 | 7.4 | 4:48  | 6.7 | 8:56  | -0.4 | 8:50     | 5.7  | 5:30  | 9:05 |  |
| 21   | Thu | 1:32  | 7.2 | 5:36  | 7.3 | 9:34  | -0.8 | 9:59     | 6.0  | 5:31  | 9:04 |  |
| 22   | Fri | 2:10  | 7.0 | 6:17  | 7.7 | 10:10 | -1.1 | 10:55    | 6.0  | 5:33  | 9:03 |  |
| 23   | Sat | 2:51  | 6.8 | 6:53  | 7.8 | 10:46 | -1.2 | 11:40    | 6.0  | 5:34  | 9:02 |  |
| 24   | Sun | 3:35  | 6.7 | 7:25  | 7.8 | 11:21 | -1.2 |          |      | 5:35  | 9:00 |  |
| 25   | Mon | 4:20  | 6.7 | 7:54  | 7.8 | 12:19 | 5.8  | 11:57 AM | -1.1 | 5:36  | 8:59 |  |
| 26   | Tue | 5:06  | 6.5 | 8:20  | 7.7 | 12:57 | 5.6  | 12:33    | -0.9 | 5:38  | 8:58 |  |
| 27   | Wed | 5:52  | 6.4 | 8:44  | 7.7 | 1:38  | 5.3  | 1:10     | -0.6 | 5:39  | 8:57 |  |
| 28   | Thu | 6:40  | 6.1 | 9:07  | 7.6 | 2:22  | 5.0  | 1:46     | -0.1 | 5:40  | 8:55 |  |
| 29   | Fri | 7:31  | 5.7 | 9:30  | 7.6 | 3:07  | 4.5  | 2:22     | 0.6  | 5:41  | 8:54 |  |
| 30   | Sat | 8:28  | 5.3 | 9:57  | 7.5 | 3:53  | 3.9  | 2:57     | 1.3  | 5:43  | 8:53 |  |
| 31   | Sun | 9:36  | 4.9 | 10:24 | 7.5 | 4:39  | 3.2  | 3:34     | 2.3  | 5:44  | 8:51 |  |