

## Black Rock, Walrus Islands, AK - Aug 1989

| Date |     | High  |     |          |     | Low   |     |       |      |  |       |    |
|------|-----|-------|-----|----------|-----|-------|-----|-------|------|-------------------------------------------------------------------------------------|-------|---------------------------------------------------------------------------------------|
|      |     | AM    | ft  | PM       | ft  | AM    | ft  | PM    | ft   | Rise                                                                                | Set   | Moon                                                                                  |
| 1    | Tue | 4:31  | 8.7 | 2:54     | 6.8 | 10:06 | 4.4 | 9:57  | -0.9 | 6:30                                                                                | 11:03 |    |
| 2    | Wed | 5:19  | 8.6 | 3:59     | 6.4 | 11:02 | 4.0 | 10:46 | -0.4 | 6:33                                                                                | 11:00 |    |
| 3    | Thu | 6:01  | 8.4 | 5:04     | 6.1 | 11:56 | 3.6 | 11:33 | 0.2  | 6:35                                                                                | 10:58 |    |
| 4    | Fri | 6:38  | 8.2 | 6:10     | 6.0 |       |     | 12:45 | 3.1  | 6:37                                                                                | 10:55 |    |
| 5    | Sat | 7:11  | 7.9 | 7:14     | 6.1 | 12:20 | 0.9 | 1:32  | 2.5  | 6:39                                                                                | 10:53 |    |
| 6    | Sun | 7:41  | 7.7 | 8:17     | 6.3 | 1:08  | 1.7 | 2:14  | 2.0  | 6:41                                                                                | 10:51 |    |
| 7    | Mon | 8:10  | 7.4 | 9:17     | 6.6 | 1:57  | 2.5 | 2:54  | 1.5  | 6:44                                                                                | 10:48 |    |
| 8    | Tue | 8:38  | 7.2 | 10:15    | 6.9 | 2:47  | 3.2 | 3:33  | 1.1  | 6:46                                                                                | 10:46 |    |
| 9    | Wed | 9:07  | 7.0 | 11:12    | 7.3 | 3:39  | 3.9 | 4:12  | 0.8  | 6:48                                                                                | 10:43 |    |
| 10   | Thu | 9:35  | 6.8 |          |     | 4:31  | 4.5 | 4:52  | 0.5  | 6:50                                                                                | 10:41 |    |
| 11   | Fri | 12:06 | 7.5 | 10:02 AM | 6.7 | 5:24  | 4.9 | 5:33  | 0.3  | 6:53                                                                                | 10:38 |    |
| 12   | Sat | 12:58 | 7.7 | 10:31 AM | 6.7 | 6:15  | 5.3 | 6:14  | 0.1  | 6:55                                                                                | 10:35 |   |
| 13   | Sun | 1:47  | 7.7 | 11:04 AM | 6.8 | 7:03  | 5.5 | 6:55  | -0.2 | 6:57                                                                                | 10:33 |  |
| 14   | Mon | 2:32  | 7.8 | 11:46 AM | 6.9 | 7:47  | 5.5 | 7:37  | -0.4 | 6:59                                                                                | 10:30 |  |
| 15   | Tue | 3:14  | 7.8 | 12:36    | 6.9 | 8:31  | 5.3 | 8:21  | -0.5 | 7:02                                                                                | 10:28 |  |
| 16   | Wed | 3:51  | 7.8 | 1:37     | 6.9 | 9:15  | 4.9 | 9:08  | -0.5 | 7:04                                                                                | 10:25 |  |
| 17   | Thu | 4:26  | 7.9 | 2:48     | 6.9 | 10:02 | 4.2 | 9:57  | -0.3 | 7:06                                                                                | 10:22 |  |
| 18   | Fri | 4:59  | 8.0 | 4:09     | 6.9 | 10:51 | 3.3 | 10:49 | 0.2  | 7:08                                                                                | 10:20 |  |
| 19   | Sat | 5:33  | 8.1 | 5:29     | 7.1 | 11:41 | 2.2 | 11:45 | 0.8  | 7:11                                                                                | 10:17 |  |
| 20   | Sun | 6:09  | 8.3 | 6:46     | 7.5 |       |     | 12:33 | 1.1  | 7:13                                                                                | 10:14 |  |
| 21   | Mon | 6:49  | 8.4 | 7:59     | 8.0 | 12:43 | 1.6 | 1:26  | 0.0  | 7:15                                                                                | 10:11 |  |
| 22   | Tue | 7:34  | 8.4 | 9:08     | 8.4 | 1:44  | 2.3 | 2:21  | -0.8 | 7:17                                                                                | 10:09 |  |
| 23   | Wed | 8:22  | 8.4 | 10:14    | 8.7 | 2:46  | 3.0 | 3:16  | -1.3 | 7:20                                                                                | 10:06 |  |
| 24   | Thu | 9:14  | 8.3 | 11:18    | 8.9 | 3:48  | 3.5 | 4:13  | -1.6 | 7:22                                                                                | 10:03 |  |
| 25   | Fri | 10:10 | 8.1 |          |     | 4:51  | 3.8 | 5:11  | -1.6 | 7:24                                                                                | 10:00 |  |
| 26   | Sat | 12:20 | 8.9 | 11:08 AM | 7.9 | 5:55  | 4.0 | 6:09  | -1.4 | 7:26                                                                                | 9:58  |  |
| 27   | Sun | 1:19  | 8.9 | 12:07    | 7.6 | 6:57  | 4.0 | 7:05  | -1.1 | 7:29                                                                                | 9:55  |  |
| 28   | Mon | 2:16  | 8.7 | 1:05     | 7.2 | 7:56  | 4.0 | 7:59  | -0.7 | 7:31                                                                                | 9:52  |  |
| 29   | Tue | 3:10  | 8.4 | 2:05     | 6.9 | 8:53  | 3.8 | 8:51  | -0.2 | 7:33                                                                                | 9:49  |  |
| 30   | Wed | 3:59  | 8.1 | 3:07     | 6.6 | 9:48  | 3.5 | 9:41  | 0.4  | 7:35                                                                                | 9:46  |  |

| Date |     | High |     |      |     | Low   |     |       |     |  |      |   |
|------|-----|------|-----|------|-----|-------|-----|-------|-----|------------------------------------------------------------------------------------|------|-------------------------------------------------------------------------------------|
|      |     | AM   | ft  | PM   | ft  | AM    | ft  | PM    | ft  | Rise                                                                               | Set  | Moon                                                                                |
| 31   | Thu | 4:42 | 7.8 | 4:10 | 6.4 | 10:38 | 3.2 | 10:28 | 1.1 | 7:37                                                                               | 9:43 |  |