

## Black Rock, Walrus Islands, AK - Jan 1980

| Date |     | High  |     |       |     | Low   |      |          |     |  |      |    |
|------|-----|-------|-----|-------|-----|-------|------|----------|-----|-------------------------------------------------------------------------------------|------|---------------------------------------------------------------------------------------|
|      |     | AM    | ft  | PM    | ft  | AM    | ft   | PM       | ft  | Rise                                                                                | Set  | Moon                                                                                  |
| 1    | Tue | 12:00 | 7.8 | 2:24  | 9.2 | 7:07  | -1.1 | 7:58     | 4.5 | 9:31                                                                                | 3:56 |    |
| 2    | Wed | 12:50 | 7.3 | 3:18  | 9.3 | 7:56  | -0.9 | 8:58     | 4.6 | 9:31                                                                                | 3:58 |    |
| 3    | Thu | 1:44  | 6.9 | 4:07  | 9.3 | 8:43  | -0.6 | 9:56     | 4.4 | 9:30                                                                                | 3:59 |    |
| 4    | Fri | 2:41  | 6.5 | 4:52  | 9.3 | 9:29  | -0.2 | 10:51    | 4.2 | 9:30                                                                                | 4:00 |    |
| 5    | Sat | 3:39  | 6.2 | 5:33  | 9.2 | 10:15 | 0.2  | 11:43    | 3.8 | 9:29                                                                                | 4:02 |    |
| 6    | Sun | 4:39  | 6.0 | 6:11  | 9.1 | 11:00 | 0.7  |          |     | 9:28                                                                                | 4:04 |    |
| 7    | Mon | 5:40  | 5.9 | 6:45  | 8.9 | 12:31 | 3.4  | 11:46 AM | 1.2 | 9:28                                                                                | 4:05 |    |
| 8    | Tue | 6:41  | 5.9 | 7:19  | 8.7 | 1:16  | 3.0  | 12:31    | 1.8 | 9:27                                                                                | 4:07 |    |
| 9    | Wed | 7:41  | 6.0 | 7:50  | 8.4 | 1:58  | 2.5  | 1:17     | 2.4 | 9:26                                                                                | 4:09 |    |
| 10   | Thu | 8:41  | 6.2 | 8:20  | 8.1 | 2:39  | 2.0  | 2:04     | 3.1 | 9:25                                                                                | 4:11 |    |
| 11   | Fri | 9:40  | 6.5 | 8:48  | 7.9 | 3:18  | 1.6  | 2:54     | 3.8 | 9:24                                                                                | 4:13 |    |
| 12   | Sat | 10:36 | 6.9 | 9:13  | 7.7 | 3:56  | 1.2  | 3:45     | 4.4 | 9:23                                                                                | 4:15 |   |
| 13   | Sun | 11:28 | 7.3 | 9:37  | 7.6 | 4:31  | 0.8  | 4:36     | 4.9 | 9:21                                                                                | 4:16 |  |
| 14   | Mon |       |     | 12:17 | 7.6 | 5:06  | 0.4  | 5:26     | 5.2 | 9:20                                                                                | 4:19 |  |
| 15   | Tue |       |     | 1:05  | 8.0 | 5:41  | 0.0  | 6:15     | 5.4 | 9:19                                                                                | 4:21 |  |
| 16   | Wed |       |     | 1:51  | 8.3 | 6:20  | -0.4 | 7:06     | 5.4 | 9:17                                                                                | 4:23 |  |
| 17   | Thu |       |     | 2:35  | 8.6 | 7:03  | -0.8 | 7:59     | 5.2 | 9:16                                                                                | 4:25 |  |
| 18   | Fri | 12:16 | 7.5 | 3:18  | 8.9 | 7:51  | -1.0 | 8:53     | 4.7 | 9:14                                                                                | 4:27 |  |
| 19   | Sat | 1:22  | 7.4 | 4:00  | 9.2 | 8:42  | -1.0 | 9:48     | 4.1 | 9:13                                                                                | 4:29 |  |
| 20   | Sun | 2:37  | 7.3 | 4:44  | 9.4 | 9:36  | -0.9 | 10:44    | 3.2 | 9:11                                                                                | 4:31 |  |
| 21   | Mon | 3:55  | 7.2 | 5:28  | 9.6 | 10:32 | -0.5 | 11:40    | 2.3 | 9:09                                                                                | 4:34 |  |
| 22   | Tue | 5:14  | 7.3 | 6:13  | 9.7 | 11:31 | 0.1  |          |     | 9:08                                                                                | 4:36 |  |
| 23   | Wed | 6:31  | 7.4 | 6:59  | 9.7 | 12:37 | 1.3  | 12:31    | 0.8 | 9:06                                                                                | 4:38 |  |
| 24   | Thu | 7:45  | 7.7 | 7:46  | 9.5 | 1:33  | 0.4  | 1:32     | 1.6 | 9:04                                                                                | 4:41 |  |
| 25   | Fri | 8:57  | 8.0 | 8:35  | 9.2 | 2:28  | -0.3 | 2:35     | 2.4 | 9:02                                                                                | 4:43 |  |
| 26   | Sat | 10:07 | 8.3 | 9:25  | 8.9 | 3:24  | -0.8 | 3:39     | 3.1 | 9:00                                                                                | 4:45 |  |
| 27   | Sun | 11:12 | 8.6 | 10:14 | 8.4 | 4:18  | -1.1 | 4:44     | 3.6 | 8:58                                                                                | 4:48 |  |
| 28   | Mon |       |     | 12:14 | 8.8 | 5:11  | -1.1 | 5:46     | 4.0 | 8:56                                                                                | 4:50 |  |
| 29   | Tue |       |     | 1:13  | 8.9 | 6:02  | -1.0 | 6:46     | 4.2 | 8:54                                                                                | 4:53 |  |
| 30   | Wed |       |     | 2:08  | 8.9 | 6:51  | -0.7 | 7:44     | 4.3 | 8:52                                                                                | 4:55 |  |
| 31   | Thu | 12:43 | 7.0 | 2:59  | 8.8 | 7:39  | -0.4 | 8:40     | 4.3 | 8:50                                                                                | 4:57 |  |