

## Black Rock, Walrus Islands, AK - Jul 1882

| Date |     | High  |     |          |     | Low   |      |       |      |  |      |    |
|------|-----|-------|-----|----------|-----|-------|------|-------|------|-------------------------------------------------------------------------------------|------|---------------------------------------------------------------------------------------|
|      |     | AM    | ft  | PM       | ft  | AM    | ft   | PM    | ft   | Rise                                                                                | Set  | Moon                                                                                  |
| 1    | Sat | 3:45  | 8.2 | 1:15     | 7.0 | 9:07  | 5.0  | 8:54  | -1.3 | 3:36                                                                                | 9:53 |    |
| 2    | Sun | 4:25  | 8.5 | 2:21     | 6.9 | 9:59  | 4.5  | 9:44  | -1.3 | 3:37                                                                                | 9:52 |    |
| 3    | Mon | 5:05  | 8.8 | 3:37     | 6.8 | 10:51 | 3.8  | 10:36 | -1.1 | 3:38                                                                                | 9:51 |    |
| 4    | Tue | 5:45  | 9.0 | 4:55     | 6.8 | 11:45 | 2.9  | 11:31 | -0.7 | 3:39                                                                                | 9:50 |    |
| 5    | Wed | 6:27  | 9.2 | 6:13     | 6.8 |       |      | 12:40 | 1.9  | 3:41                                                                                | 9:49 |    |
| 6    | Thu | 7:09  | 9.3 | 7:30     | 7.0 | 12:28 | -0.1 | 1:35  | 0.9  | 3:42                                                                                | 9:48 |    |
| 7    | Fri | 7:53  | 9.3 | 8:45     | 7.3 | 1:27  | 0.7  | 2:30  | 0.0  | 3:43                                                                                | 9:47 |    |
| 8    | Sat | 8:39  | 9.1 | 9:57     | 7.6 | 2:28  | 1.6  | 3:25  | -0.7 | 3:45                                                                                | 9:46 |    |
| 9    | Sun | 9:26  | 8.9 | 11:07    | 8.0 | 3:31  | 2.4  | 4:20  | -1.2 | 3:46                                                                                | 9:45 |    |
| 10   | Mon | 10:15 | 8.6 |          |     | 4:35  | 3.1  | 5:15  | -1.5 | 3:48                                                                                | 9:44 |    |
| 11   | Tue | 12:13 | 8.3 | 11:05 AM | 8.1 | 5:40  | 3.6  | 6:09  | -1.6 | 3:49                                                                                | 9:43 |    |
| 12   | Wed | 1:16  | 8.5 | 11:56 AM | 7.7 | 6:44  | 4.0  | 7:01  | -1.5 | 3:51                                                                                | 9:41 |   |
| 13   | Thu | 2:15  | 8.6 | 12:46    | 7.2 | 7:45  | 4.2  | 7:51  | -1.3 | 3:53                                                                                | 9:40 |  |
| 14   | Fri | 3:11  | 8.7 | 1:38     | 6.8 | 8:44  | 4.2  | 8:39  | -0.9 | 3:54                                                                                | 9:38 |  |
| 15   | Sat | 4:01  | 8.6 | 2:33     | 6.4 | 9:41  | 4.1  | 9:25  | -0.5 | 3:56                                                                                | 9:37 |  |
| 16   | Sun | 4:46  | 8.5 | 3:29     | 6.1 | 10:33 | 3.9  | 10:09 | -0.1 | 3:58                                                                                | 9:35 |  |
| 17   | Mon | 5:24  | 8.4 | 4:27     | 5.9 | 11:23 | 3.6  | 10:52 | 0.4  | 4:00                                                                                | 9:34 |  |
| 18   | Tue | 5:59  | 8.2 | 5:25     | 5.8 |       |      | 12:10 | 3.2  | 4:01                                                                                | 9:32 |  |
| 19   | Wed | 6:31  | 8.1 | 6:23     | 5.8 |       |      | 12:53 | 2.7  | 4:03                                                                                | 9:30 |  |
| 20   | Thu | 7:01  | 7.9 | 7:22     | 5.9 | 12:19 | 1.5  | 1:34  | 2.3  | 4:05                                                                                | 9:28 |  |
| 21   | Fri | 7:30  | 7.7 | 8:21     | 6.1 | 1:04  | 2.1  | 2:14  | 1.8  | 4:07                                                                                | 9:26 |  |
| 22   | Sat | 7:59  | 7.5 | 9:18     | 6.4 | 1:50  | 2.8  | 2:52  | 1.4  | 4:09                                                                                | 9:24 |  |
| 23   | Sun | 8:27  | 7.4 | 10:15    | 6.7 | 2:37  | 3.4  | 3:30  | 1.0  | 4:11                                                                                | 9:23 |  |
| 24   | Mon | 8:53  | 7.3 | 11:09    | 7.0 | 3:25  | 4.0  | 4:08  | 0.6  | 4:13                                                                                | 9:21 |  |
| 25   | Tue | 9:19  | 7.2 | 11:59    | 7.2 | 4:15  | 4.5  | 4:46  | 0.2  | 4:15                                                                                | 9:18 |  |
| 26   | Wed | 9:49  | 7.2 |          |     | 5:05  | 4.9  | 5:25  | -0.2 | 4:17                                                                                | 9:16 |  |
| 27   | Thu | 12:46 | 7.4 | 10:26 AM | 7.3 | 5:54  | 5.1  | 6:06  | -0.5 | 4:20                                                                                | 9:14 |  |
| 28   | Fri | 1:31  | 7.6 | 11:12 AM | 7.4 | 6:42  | 5.0  | 6:51  | -0.8 | 4:22                                                                                | 9:12 |  |
| 29   | Sat | 2:14  | 7.8 | 12:06    | 7.4 | 7:33  | 4.8  | 7:38  | -1.0 | 4:24                                                                                | 9:10 |  |
| 30   | Sun | 2:56  | 8.1 | 1:09     | 7.4 | 8:26  | 4.3  | 8:30  | -1.0 | 4:26                                                                                | 9:08 |  |

| Date |     | High |     |      |     | Low  |     |      |      |  |      |   |
|------|-----|------|-----|------|-----|------|-----|------|------|------------------------------------------------------------------------------------|------|-------------------------------------------------------------------------------------|
|      |     | AM   | ft  | PM   | ft  | AM   | ft  | PM   | ft   | Rise                                                                               | Set  | Moon                                                                                |
| 31   | Mon | 3:38 | 8.3 | 2:23 | 7.3 | 9:21 | 3.6 | 9:23 | -0.9 | 4:28                                                                               | 9:05 |  |