

## Black Rock, Walrus Islands, AK - Jul 2050

| Date |     | High  |     |          |     | Low   |      |       |      |  |       |    |
|------|-----|-------|-----|----------|-----|-------|------|-------|------|-------------------------------------------------------------------------------------|-------|---------------------------------------------------------------------------------------|
|      |     | AM    | ft  | PM       | ft  | AM    | ft   | PM    | ft   | Rise                                                                                | Set   | Moon                                                                                  |
| 1    | Fri | 1:55  | 7.1 | 11:41 AM | 7.1 | 7:01  | 4.9  | 7:21  | -0.2 | 5:37                                                                                | 11:52 |    |
| 2    | Sat | 2:44  | 7.4 | 12:14    | 7.2 | 7:51  | 5.1  | 7:59  | -0.6 | 5:38                                                                                | 11:51 |    |
| 3    | Sun | 3:30  | 7.8 | 12:55    | 7.2 | 8:41  | 5.2  | 8:41  | -1.0 | 5:39                                                                                | 11:51 |    |
| 4    | Mon | 4:14  | 8.1 | 1:47     | 7.2 | 9:33  | 5.0  | 9:27  | -1.3 | 5:40                                                                                | 11:50 |    |
| 5    | Tue | 4:57  | 8.4 | 2:49     | 7.1 | 10:26 | 4.6  | 10:17 | -1.4 | 5:41                                                                                | 11:49 |    |
| 6    | Wed | 5:38  | 8.7 | 4:02     | 7.0 | 11:19 | 4.0  | 11:09 | -1.3 | 5:43                                                                                | 11:48 |    |
| 7    | Thu | 6:20  | 8.9 | 5:20     | 6.9 |       |      | 12:14 | 3.1  | 5:44                                                                                | 11:47 |    |
| 8    | Fri | 7:02  | 9.2 | 6:38     | 7.0 | 12:03 | -1.0 | 1:10  | 2.2  | 5:45                                                                                | 11:46 |    |
| 9    | Sat | 7:46  | 9.3 | 7:55     | 7.1 | 1:00  | -0.4 | 2:06  | 1.2  | 5:47                                                                                | 11:44 |    |
| 10   | Sun | 8:31  | 9.3 | 9:11     | 7.3 | 1:59  | 0.3  | 3:02  | 0.3  | 5:48                                                                                | 11:43 |    |
| 11   | Mon | 9:17  | 9.2 | 10:24    | 7.6 | 3:00  | 1.1  | 3:58  | -0.5 | 5:50                                                                                | 11:42 |    |
| 12   | Tue | 10:05 | 9.0 | 11:35    | 7.9 | 4:02  | 2.0  | 4:54  | -1.0 | 5:52                                                                                | 11:40 |  |
| 13   | Wed | 10:54 | 8.7 |          |     | 5:06  | 2.7  | 5:49  | -1.4 | 5:53                                                                                | 11:39 |  |
| 14   | Thu | 12:42 | 8.2 | 11:44 AM | 8.3 | 6:11  | 3.3  | 6:44  | -1.5 | 5:55                                                                                | 11:37 |  |
| 15   | Fri | 1:46  | 8.4 | 12:35    | 7.9 | 7:15  | 3.8  | 7:36  | -1.4 | 5:57                                                                                | 11:36 |  |
| 16   | Sat | 2:46  | 8.5 | 1:25     | 7.4 | 8:16  | 4.0  | 8:27  | -1.2 | 5:59                                                                                | 11:34 |  |
| 17   | Sun | 3:44  | 8.6 | 2:15     | 6.9 | 9:16  | 4.1  | 9:15  | -0.9 | 6:01                                                                                | 11:33 |  |
| 18   | Mon | 4:36  | 8.5 | 3:08     | 6.5 | 10:13 | 4.1  | 10:02 | -0.5 | 6:02                                                                                | 11:31 |  |
| 19   | Tue | 5:22  | 8.5 | 4:02     | 6.1 | 11:06 | 4.0  | 10:46 | -0.1 | 6:04                                                                                | 11:29 |  |
| 20   | Wed | 6:02  | 8.3 | 4:57     | 5.9 | 11:56 | 3.7  | 11:28 | 0.3  | 6:06                                                                                | 11:27 |  |
| 21   | Thu | 6:38  | 8.2 | 5:53     | 5.8 |       |      | 12:42 | 3.4  | 6:08                                                                                | 11:25 |  |
| 22   | Fri | 7:09  | 8.0 | 6:51     | 5.8 | 12:10 | 0.8  | 1:26  | 3.0  | 6:10                                                                                | 11:23 |  |
| 23   | Sat | 7:39  | 7.9 | 7:48     | 5.9 | 12:53 | 1.3  | 2:07  | 2.5  | 6:12                                                                                | 11:21 |  |
| 24   | Sun | 8:09  | 7.7 | 8:46     | 6.1 | 1:37  | 1.9  | 2:47  | 2.1  | 6:14                                                                                | 11:19 |  |
| 25   | Mon | 8:38  | 7.6 | 9:43     | 6.3 | 2:22  | 2.5  | 3:25  | 1.6  | 6:16                                                                                | 11:17 |  |
| 26   | Tue | 9:06  | 7.4 | 10:39    | 6.6 | 3:07  | 3.1  | 4:03  | 1.2  | 6:18                                                                                | 11:15 |  |
| 27   | Wed | 9:33  | 7.3 | 11:34    | 6.8 | 3:54  | 3.7  | 4:41  | 0.8  | 6:20                                                                                | 11:13 |  |
| 28   | Thu | 9:59  | 7.3 |          |     | 4:42  | 4.2  | 5:19  | 0.4  | 6:23                                                                                | 11:11 |  |
| 29   | Fri | 12:25 | 7.1 | 10:28 AM | 7.3 | 5:31  | 4.6  | 5:58  | 0.0  | 6:25                                                                                | 11:09 |  |
| 30   | Sat | 1:14  | 7.3 | 11:03 AM | 7.4 | 6:20  | 4.9  | 6:39  | -0.4 | 6:27                                                                                | 11:07 |  |

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|------|-----|------|-----|----------|-----|------|-----|------|------|------------------------------------------------------------------------------------|-------|-------------------------------------------------------------------------------------|
|      |     | AM   | ft  | PM       | ft  | AM   | ft  | PM   | ft   | Rise                                                                               | Set   | Moon                                                                                |
| 31   | Sun | 1:59 | 7.5 | 11:47 AM | 7.5 | 7:09 | 4.9 | 7:23 | -0.7 | 6:29                                                                               | 11:04 |  |