

## Black Rock, Walrus Islands, AK - Jul 1991

| Date |     | High  |     |          |     | Low   |      |       |      |  |       |    |
|------|-----|-------|-----|----------|-----|-------|------|-------|------|-------------------------------------------------------------------------------------|-------|---------------------------------------------------------------------------------------|
|      |     | AM    | ft  | PM       | ft  | AM    | ft   | PM    | ft   | Rise                                                                                | Set   | Moon                                                                                  |
| 1    | Mon | 7:51  | 8.3 | 6:51     | 5.2 | 12:29 | 0.4  | 2:07  | 3.6  | 5:36                                                                                | 11:52 |    |
| 2    | Tue | 8:18  | 8.2 | 7:56     | 5.3 | 1:08  | 0.9  | 2:43  | 3.0  | 5:37                                                                                | 11:52 |    |
| 3    | Wed | 8:43  | 8.0 | 9:00     | 5.5 | 1:49  | 1.5  | 3:18  | 2.3  | 5:38                                                                                | 11:51 |    |
| 4    | Thu | 9:05  | 7.9 | 10:04    | 5.9 | 2:31  | 2.2  | 3:51  | 1.6  | 5:39                                                                                | 11:50 |    |
| 5    | Fri | 9:26  | 7.8 | 11:06    | 6.3 | 3:17  | 3.0  | 4:26  | 0.8  | 5:40                                                                                | 11:49 |    |
| 6    | Sat | 9:49  | 7.8 |          |     | 4:06  | 3.8  | 5:04  | 0.0  | 5:41                                                                                | 11:48 |    |
| 7    | Sun | 12:05 | 6.9 | 10:19 AM | 8.0 | 5:01  | 4.4  | 5:46  | -0.8 | 5:43                                                                                | 11:47 |    |
| 8    | Mon | 1:01  | 7.4 | 10:58 AM | 8.1 | 6:00  | 4.9  | 6:33  | -1.5 | 5:44                                                                                | 11:46 |    |
| 9    | Tue | 1:56  | 7.9 | 11:46 AM | 8.2 | 7:01  | 5.1  | 7:24  | -2.0 | 5:46                                                                                | 11:45 |    |
| 10   | Wed | 2:50  | 8.3 | 12:41    | 8.2 | 8:03  | 5.1  | 8:18  | -2.4 | 5:47                                                                                | 11:44 |    |
| 11   | Thu | 3:44  | 8.6 | 1:43     | 8.1 | 9:06  | 4.9  | 9:15  | -2.5 | 5:49                                                                                | 11:43 |    |
| 12   | Fri | 4:37  | 8.9 | 2:55     | 7.8 | 10:10 | 4.4  | 10:12 | -2.3 | 5:50                                                                                | 11:41 |    |
| 13   | Sat | 5:27  | 9.1 | 4:14     | 7.5 | 11:13 | 3.7  | 11:10 | -1.9 | 5:52                                                                                | 11:40 |   |
| 14   | Sun | 6:15  | 9.3 | 5:35     | 7.3 |       |      | 12:15 | 2.8  | 5:54                                                                                | 11:39 |  |
| 15   | Mon | 7:03  | 9.4 | 6:55     | 7.2 | 12:08 | -1.3 | 1:16  | 1.8  | 5:55                                                                                | 11:37 |  |
| 16   | Tue | 7:50  | 9.3 | 8:13     | 7.2 | 1:07  | -0.4 | 2:15  | 0.9  | 5:57                                                                                | 11:35 |  |
| 17   | Wed | 8:36  | 9.1 | 9:28     | 7.4 | 2:07  | 0.6  | 3:11  | 0.1  | 5:59                                                                                | 11:34 |  |
| 18   | Thu | 9:21  | 8.8 | 10:39    | 7.6 | 3:08  | 1.6  | 4:06  | -0.4 | 6:01                                                                                | 11:32 |  |
| 19   | Fri | 10:06 | 8.3 | 11:48    | 7.9 | 4:09  | 2.6  | 5:00  | -0.7 | 6:03                                                                                | 11:30 |  |
| 20   | Sat | 10:51 | 7.9 |          |     | 5:12  | 3.4  | 5:52  | -0.8 | 6:05                                                                                | 11:29 |  |
| 21   | Sun | 12:51 | 8.1 | 11:34 AM | 7.4 | 6:15  | 4.0  | 6:41  | -0.8 | 6:07                                                                                | 11:27 |  |
| 22   | Mon | 1:51  | 8.3 | 12:15    | 6.9 | 7:15  | 4.5  | 7:28  | -0.6 | 6:09                                                                                | 11:25 |  |
| 23   | Tue | 2:46  | 8.3 | 12:53    | 6.5 | 8:12  | 4.8  | 8:12  | -0.4 | 6:11                                                                                | 11:23 |  |
| 24   | Wed | 3:38  | 8.3 | 1:29     | 6.2 | 9:05  | 4.9  | 8:53  | -0.2 | 6:13                                                                                | 11:21 |  |
| 25   | Thu | 4:24  | 8.2 | 2:07     | 6.0 | 9:55  | 4.9  | 9:32  | 0.0  | 6:15                                                                                | 11:19 |  |
| 26   | Fri | 5:04  | 8.1 | 2:50     | 5.8 | 10:40 | 4.8  | 10:10 | 0.2  | 6:17                                                                                | 11:17 |  |
| 27   | Sat | 5:38  | 8.0 | 3:43     | 5.6 | 11:23 | 4.6  | 10:47 | 0.4  | 6:19                                                                                | 11:15 |  |
| 28   | Sun | 6:08  | 7.9 | 4:43     | 5.6 |       |      | 12:03 | 4.1  | 6:21                                                                                | 11:13 |  |
| 29   | Mon | 6:36  | 7.9 | 5:44     | 5.6 |       |      | 12:41 | 3.6  | 6:23                                                                                | 11:10 |  |
| 30   | Tue | 7:01  | 7.8 | 6:46     | 5.7 | 12:02 | 1.2  | 1:18  | 3.0  | 6:25                                                                                | 11:08 |  |

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|------|-----|------|-----|------|-----|-------|-----|------|-----|------------------------------------------------------------------------------------|-------|-------------------------------------------------------------------------------------|
|      |     | AM   | ft  | PM   | ft  | AM    | ft  | PM   | ft  | Rise                                                                               | Set   | Moon                                                                                |
| 31   | Wed | 7:25 | 7.7 | 7:49 | 6.0 | 12:43 | 1.8 | 1:53 | 2.3 | 6:27                                                                               | 11:06 |  |