


































Des Moines, WA - Dec 2023

| Date | | High | | | | Low | | | |  | |  |
|------|-----|-------|------|----------|------|-------|------|-------|------|---|------|---|
| | | AM | ft | PM | ft | AM | ft | PM | ft | Rise | Set | Moon |
| 1 | Fri | 8:39 | 12.6 | 6:22 | 9.3 | 12:51 | -1.6 | 2:39 | 8.0 | 7:35 | 4:20 |  |
| 2 | Sat | 9:22 | 12.3 | 7:18 | 8.6 | 1:34 | -0.7 | 3:49 | 7.6 | 7:36 | 4:20 |  |
| 3 | Sun | 10:05 | 12.1 | 8:26 | 8.0 | 2:20 | 0.3 | 5:00 | 6.9 | 7:38 | 4:20 |  |
| 4 | Mon | 10:47 | 11.9 | 9:47 | 7.4 | 3:09 | 1.4 | 5:59 | 6.1 | 7:39 | 4:19 |  |
| 5 | Tue | 11:26 | 11.7 | 11:20 | 7.3 | 4:01 | 2.5 | 6:44 | 5.0 | 7:40 | 4:19 |  |
| 6 | Wed | | | 12:01 | 11.7 | 4:57 | 3.7 | 7:18 | 3.8 | 7:41 | 4:19 |  |
| 7 | Thu | 12:53 | 7.7 | 12:34 | 11.6 | 5:57 | 4.9 | 7:48 | 2.6 | 7:42 | 4:18 |  |
| 8 | Fri | 2:14 | 8.5 | 1:03 | 11.6 | 6:59 | 6.0 | 8:16 | 1.3 | 7:43 | 4:18 |  |
| 9 | Sat | 3:17 | 9.5 | 1:32 | 11.5 | 7:59 | 6.9 | 8:45 | 0.1 | 7:44 | 4:18 |  |
| 10 | Sun | 4:08 | 10.5 | 2:01 | 11.5 | 8:55 | 7.6 | 9:17 | -1.0 | 7:45 | 4:18 |  |
| 11 | Mon | 4:51 | 11.4 | 2:32 | 11.5 | 9:46 | 8.1 | 9:52 | -2.0 | 7:46 | 4:18 |  |
| 12 | Tue | 5:32 | 12.1 | 3:05 | 11.5 | 10:34 | 8.5 | 10:30 | -2.7 | 7:47 | 4:18 |  |
| 13 | Wed | 6:12 | 12.6 | 3:43 | 11.4 | 11:21 | 8.7 | 11:12 | -3.1 | 7:48 | 4:18 |  |
| 14 | Thu | 6:54 | 12.8 | 4:26 | 11.3 | | | 12:08 | 8.7 | 7:49 | 4:18 |  |
| 15 | Fri | 7:37 | 13.0 | 5:16 | 10.9 | | | 1:00 | 8.5 | 7:49 | 4:19 |  |
| 16 | Sat | 8:21 | 13.0 | 6:14 | 10.4 | 12:43 | -2.8 | 1:57 | 8.0 | 7:50 | 4:19 |  |
| 17 | Sun | 9:05 | 13.0 | 7:21 | 9.6 | 1:31 | -2.0 | 3:01 | 7.3 | 7:51 | 4:19 |  |
| 18 | Mon | 9:48 | 12.9 | 8:41 | 8.7 | 2:22 | -0.8 | 4:09 | 6.1 | 7:51 | 4:19 |  |
| 19 | Tue | 10:31 | 12.9 | 10:16 | 8.1 | 3:15 | 0.8 | 5:16 | 4.7 | 7:52 | 4:20 |  |
| 20 | Wed | 11:12 | 12.8 | | | 4:13 | 2.6 | 6:16 | 3.0 | 7:53 | 4:20 |  |
| 21 | Thu | 12:05 | 8.2 | 11:53 AM | 12.7 | 5:18 | 4.5 | 7:08 | 1.3 | 7:53 | 4:21 |  |
| 22 | Fri | 1:52 | 9.0 | 12:33 | 12.5 | 6:31 | 6.1 | 7:55 | -0.2 | 7:54 | 4:21 |  |
| 23 | Sat | 3:16 | 10.3 | 1:13 | 12.3 | 7:49 | 7.3 | 8:37 | -1.3 | 7:54 | 4:22 |  |
| 24 | Sun | 4:19 | 11.4 | 1:52 | 11.9 | 9:03 | 8.0 | 9:17 | -2.1 | 7:55 | 4:22 |  |
| 25 | Mon | 5:10 | 12.3 | 2:32 | 11.6 | 10:08 | 8.4 | 9:55 | -2.4 | 7:55 | 4:23 |  |
| 26 | Tue | 5:53 | 12.8 | 3:13 | 11.2 | 11:03 | 8.4 | 10:33 | -2.5 | 7:55 | 4:24 |  |
| 27 | Wed | 6:31 | 13.0 | 3:55 | 10.8 | 11:52 | 8.3 | 11:12 | -2.3 | 7:55 | 4:24 |  |
| 28 | Thu | 7:05 | 13.0 | 4:39 | 10.4 | | | 12:36 | 8.1 | 7:56 | 4:25 |  |
| 29 | Fri | 7:36 | 12.9 | 5:24 | 10.0 | | | 1:18 | 7.8 | 7:56 | 4:26 |  |
| 30 | Sat | 8:06 | 12.7 | 6:12 | 9.5 | 12:29 | -1.3 | 2:01 | 7.4 | 7:56 | 4:27 |  |
| 31 | Sun | 8:36 | 12.5 | 7:04 | 8.9 | 1:09 | -0.5 | 2:46 | 6.9 | 7:56 | 4:28 |  |