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# Empire, OR - Dec 1877

| Date | | High | | | | Low | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | AM | ft | PM | ft | AM | ft | PM | ft | Rise | Set | Moon |
| 1 | Sat | 9:17 | 7.4 | 10:35 | 5.4 | 3:03 | 2.1 | 4:23 | 0.0 | 7:37 | 4:49 | |
| 2 | Sun | 10:00 | 7.6 | 11:34 | 5.6 | 3:56 | 2.5 | 5:12 | -0.6 | 7:38 | 4:49 | |
| 3 | Mon | 10:41 | 7.7 | | | 4:47 | 2.8 | 5:57 | -1.0 | 7:39 | 4:49 | |
| 4 | Tue | 12:26 | 5.7 | 11:23 AM | 7.7 | 5:35 | 3.0 | 6:40 | -1.2 | 7:40 | 4:48 | |
| 5 | Wed | 1:14 | 5.8 | 12:04 | 7.6 | 6:22 | 3.1 | 7:21 | -1.1 | 7:41 | 4:48 | |
| 6 | Thu | 1:59 | 5.8 | 12:45 | 7.4 | 7:06 | 3.2 | 8:02 | -0.9 | 7:42 | 4:48 | |
| 7 | Fri | 2:42 | 5.8 | 1:27 | 7.1 | 7:50 | 3.3 | 8:42 | -0.6 | 7:43 | 4:48 | |
| 8 | Sat | 3:24 | 5.7 | 2:08 | 6.7 | 8:34 | 3.4 | 9:21 | -0.2 | 7:44 | 4:48 | |
| 9 | Sun | 4:06 | 5.6 | 2:51 | 6.3 | 9:23 | 3.5 | 10:02 | 0.3 | 7:45 | 4:48 | |
| 10 | Mon | 4:48 | 5.6 | 3:38 | 5.8 | 10:18 | 3.5 | 10:42 | 0.8 | 7:46 | 4:48 | |
| 11 | Tue | 5:30 | 5.6 | 4:32 | 5.2 | 11:22 | 3.4 | 11:25 | 1.3 | 7:47 | 4:48 | |
| 12 | Wed | 6:13 | 5.8 | 5:39 | 4.8 | | | 12:32 | 3.1 | 7:48 | 4:48 | |
| 13 | Thu | 6:54 | 5.9 | 6:57 | 4.5 | 12:09 | 1.8 | 1:40 | 2.6 | 7:48 | 4:48 | |
| 14 | Fri | 7:35 | 6.2 | 8:19 | 4.4 | 12:56 | 2.3 | 2:40 | 2.0 | 7:49 | 4:48 | |
| 15 | Sat | 8:14 | 6.4 | 9:32 | 4.5 | 1:46 | 2.7 | 3:31 | 1.3 | 7:50 | 4:49 | |
| 16 | Sun | 8:54 | 6.7 | 10:34 | 4.8 | 2:38 | 3.0 | 4:16 | 0.6 | 7:51 | 4:49 | |
| 17 | Mon | 9:34 | 7.0 | 11:27 | 5.1 | 3:30 | 3.2 | 4:59 | 0.0 | 7:51 | 4:49 | |
| 18 | Tue | 10:15 | 7.3 | | | 4:20 | 3.4 | 5:41 | -0.5 | 7:52 | 4:50 | |
| 19 | Wed | 12:14 | 5.3 | 10:57 AM | 7.5 | 5:09 | 3.4 | 6:23 | -1.0 | 7:53 | 4:50 | |
| 20 | Thu | 12:59 | 5.6 | 11:41 AM | 7.7 | 5:56 | 3.3 | 7:05 | -1.2 | 7:53 | 4:51 | |
| 21 | Fri | 1:42 | 5.8 | 12:27 | 7.8 | 6:44 | 3.2 | 7:47 | -1.4 | 7:54 | 4:51 | |
| 22 | Sat | 2:25 | 5.9 | 1:15 | 7.7 | 7:32 | 3.1 | 8:30 | -1.3 | 7:54 | 4:52 | |
| 23 | Sun | 3:09 | 6.1 | 2:06 | 7.4 | 8:25 | 3.0 | 9:14 | -0.9 | 7:55 | 4:52 | |
| 24 | Mon | 3:52 | 6.3 | 3:00 | 6.9 | 9:23 | 2.8 | 9:59 | -0.4 | 7:55 | 4:53 | |
| 25 | Tue | 4:37 | 6.5 | 4:01 | 6.2 | 10:28 | 2.6 | 10:45 | 0.3 | 7:55 | 4:53 | |
| 26 | Wed | 5:23 | 6.7 | 5:11 | 5.5 | 11:40 | 2.2 | 11:34 | 1.0 | 7:56 | 4:54 | |
| 27 | Thu | 6:10 | 6.9 | 6:32 | 5.0 | | | 12:55 | 1.7 | 7:56 | 4:55 | |
| 28 | Fri | 7:00 | 7.1 | 8:02 | 4.7 | 12:28 | 1.8 | 2:07 | 1.1 | 7:56 | 4:55 | |
| 29 | Sat | 7:51 | 7.2 | 9:29 | 4.8 | 1:26 | 2.5 | 3:12 | 0.4 | 7:56 | 4:56 | |
| 30 | Sun | 8:43 | 7.3 | 10:41 | 5.0 | 2:29 | 3.0 | 4:10 | -0.1 | 7:56 | 4:57 | |
| 31 | Mon | 9:33 | 7.4 | 11:37 | 5.3 | 3:32 | 3.3 | 5:01 | -0.5 | 7:57 | 4:58 | |