

DECEMBER 2024 — SUN IN LUTHER

Month: December Year: 2024 Go

2024 Sunrise/Sunset			Daylength		Astronomical Twilight		Nautical Twilight		Civil Twilight		Solar Noon	
Dec	Sunrise	Sunset	Length	Diff.	Start	End	Start	End	Start	End	Time	Mil. km
1 v	7:37 am ↗ (120°)	4:51 pm ← (240°)	9:14:11	-1:23	5:55 am	6:32 pm	6:29 am	5:58 pm	7:05 am	5:22 pm	12:14 pm (25.1°)	147.503
2 v	7:38 am ↗ (120°)	4:50 pm ← (240°)	9:12:51	-1:19	5:56 am	6:32 pm	6:30 am	5:58 pm	7:06 am	5:22 pm	12:14 pm (24.9°)	147.480
3 v	7:39 am ↗ (120°)	4:50 pm ← (240°)	9:11:35	-1:16	5:57 am	6:32 pm	6:31 am	5:58 pm	7:07 am	5:22 pm	12:15 pm (24.8°)	147.457
4 v	7:40 am ↗ (120°)	4:50 pm ← (240°)	9:10:22	-1:12	5:58 am	6:32 pm	6:32 am	5:57 pm	7:08 am	5:22 pm	12:15 pm (24.7°)	147.434
5 v	7:41 am ↗ (121°)	4:50 pm ← (239°)	9:09:14	-1:08	5:59 am	6:32 pm	6:33 am	5:57 pm	7:09 am	5:22 pm	12:15 pm (24.6°)	147.412
6 v	7:42 am ↗ (121°)	4:50 pm ← (239°)	9:08:09	-1:04	6:00 am	6:32 pm	6:34 am	5:57 pm	7:10 am	5:22 pm	12:16 pm (24.4°)	147.390
7 v	7:43 am ↗ (121°)	4:50 pm ← (239°)	9:07:08	-1:00	6:00 am	6:32 pm	6:35 am	5:57 pm	7:10 am	5:22 pm	12:16 pm (24.3°)	147.369
8 v	7:43 am ↗ (121°)	4:50 pm ← (239°)	9:06:11	-0:56	6:01 am	6:32 pm	6:36 am	5:57 pm	7:11 am	5:22 pm	12:17 pm (24.2°)	147.349
9 v	7:44 am ↗ (121°)	4:50 pm ← (239°)	9:05:18	-0:52	6:02 am	6:32 pm	6:37 am	5:58 pm	7:12 am	5:22 pm	12:17 pm (24.1°)	147.329
10 v	7:45 am ↗ (121°)	4:50 pm ← (239°)	9:04:30	-0:48	6:03 am	6:32 pm	6:37 am	5:58 pm	7:13 am	5:22 pm	12:18 pm (24.1°)	147.310
11 v	7:46 am ↗ (121°)	4:50 pm ← (238°)	9:03:45	-0:44	6:04 am	6:32 pm	6:38 am	5:58 pm	7:14 am	5:22 pm	12:18 pm (24.0°)	147.292
12 v	7:47 am ↗ (122°)	4:50 pm ← (238°)	9:03:05	-0:40	6:04 am	6:33 pm	6:39 am	5:58 pm	7:15 am	5:22 pm	12:19 pm (23.9°)	147.275
13 v	7:48 am ↗ (122°)	4:50 pm ← (238°)	9:02:29	-0:35	6:05 am	6:33 pm	6:40 am	5:58 pm	7:15 am	5:22 pm	12:19 pm (23.8°)	147.259
14 v	7:48 am ↗ (122°)	4:50 pm ← (238°)	9:01:58	-0:31	6:06 am	6:33 pm	6:40 am	5:59 pm	7:16 am	5:23 pm	12:19 pm (23.8°)	147.243
15 v	7:49 am ↗ (122°)	4:51 pm ← (238°)	9:01:30	-0:27	6:06 am	6:33 pm	6:41 am	5:59 pm	7:17 am	5:23 pm	12:20 pm (23.7°)	147.229
16 v	7:50 am ↗ (122°)	4:51 pm ← (238°)	9:01:08	-0:22	6:07 am	6:34 pm	6:42 am	5:59 pm	7:17 am	5:23 pm	12:20 pm (23.7°)	147.215
17 v	7:50 am ↗ (122°)	4:51 pm ← (238°)	9:00:49	-0:18	6:08 am	6:34 pm	6:42 am	6:00 pm	7:18 am	5:24 pm	12:21 pm (23.7°)	147.203
18 v	7:51 am ↗ (122°)	4:52 pm ← (238°)	9:00:35	-0:14	6:08 am	6:35 pm	6:43 am	6:00 pm	7:19 am	5:24 pm	12:21 pm (23.6°)	147.191
19 v	7:52 am ↗ (122°)	4:52 pm ← (238°)	9:00:25	-0:09	6:09 am	6:35 pm	6:43 am	6:00 pm	7:19 am	5:24 pm	12:22 pm (23.6°)	147.180
20 v	7:52 am ↗ (122°)	4:53 pm ← (238°)	9:00:20	-0:05	6:09 am	6:35 pm	6:44 am	6:01 pm	7:20 am	5:25 pm	12:22 pm (23.6°)	147.170
21 v	7:53 am ↗ (122°)	4:53 pm ← (238°)	9:00:19	< 1s	6:10 am	6:36 pm	6:44 am	6:01 pm	7:20 am	5:25 pm	12:23 pm (23.6°)	147.161
22 v	7:53 am ↗ (122°)	4:54 pm ← (238°)	9:00:23	+0:03	6:10 am	6:36 pm	6:45 am	6:02 pm	7:21 am	5:26 pm	12:23 pm (23.6°)	147.153
23 v	7:54 am ↗ (122°)	4:54 pm ← (238°)	9:00:31	+0:08	6:11 am	6:37 pm	6:45 am	6:02 pm	7:21 am	5:27 pm	12:24 pm (23.6°)	147.145
24 v	7:54 am ↗ (122°)	4:55 pm ← (238°)	9:00:44	+0:12	6:11 am	6:38 pm	6:46 am	6:03 pm	7:22 am	5:27 pm	12:24 pm (23.7°)	147.138
25 v	7:54 am ↗ (122°)	4:55 pm ← (238°)	9:01:01	+0:17	6:12 am	6:38 pm	6:46 am	6:04 pm	7:22 am	5:28 pm	12:25 pm (23.7°)	147.132
26 v	7:55 am ↗ (122°)	4:56 pm ← (238°)	9:01:23	+0:21	6:12 am	6:39 pm	6:47 am	6:04 pm	7:22 am	5:28 pm	12:25 pm (23.7°)	147.127
27 v	7:55 am ↗ (122°)	4:57 pm ← (238°)	9:01:49	+0:25	6:12 am	6:40 pm	6:47 am	6:05 pm	7:23 am	5:29 pm	12:26 pm (23.8°)	147.122
28 v	7:55 am ↗ (122°)	4:58 pm ← (238°)	9:02:19	+0:30	6:13 am	6:40 pm	6:47 am	6:06 pm	7:23 am	5:30 pm	12:26 pm (23.8°)	147.117
29 v	7:55 am ↗ (122°)	4:58 pm ← (238°)	9:02:54	+0:34	6:13 am	6:41 pm	6:47 am	6:06 pm	7:23 am	5:31 pm	12:27 pm (23.9°)	147.114
30 v	7:56 am ↗ (122°)	4:59 pm ← (239°)	9:03:33	+0:39	6:13 am	6:42 pm	6:48 am	6:07 pm	7:23 am	5:31 pm	12:27 pm (23.9°)	147.111