

Sun

VTMI

Location: E100°18'00.0", N15°17'00.0", 107m
(Longitude referred to Greenwich meridian)

Time Zone: 7h 00m east of Greenwich

Date (Zone)	Begin Nautical Twilight	Rise	Az.	Transit Alt.	Set	Az.	End Nautical Twilight
	h m	h m °		h m °	h m °		h m
2025 Jan 01 (Wed)	05:55	06:45 114		12:22 52S	18:00 246		18:50
2025 Jan 02 (Thu)	05:55	06:45 114		12:23 53S	18:00 246		18:50
2025 Jan 03 (Fri)	05:56	06:46 113		12:23 53S	18:01 247		18:51
2025 Jan 04 (Sat)	05:56	06:46 113		12:24 53S	18:01 247		18:51
2025 Jan 05 (Sun)	05:57	06:46 113		12:24 53S	18:02 247		18:52
2025 Jan 06 (Mon)	05:57	06:47 113		12:25 53S	18:03 247		18:52
2025 Jan 07 (Tue)	05:57	06:47 113		12:25 53S	18:03 247		18:53
2025 Jan 08 (Wed)	05:58	06:47 113		12:25 53S	18:04 247		18:53
2025 Jan 09 (Thu)	05:58	06:48 113		12:26 53S	18:04 247		18:54
2025 Jan 10 (Fri)	05:58	06:48 113		12:26 54S	18:05 248		18:55
2025 Jan 11 (Sat)	05:58	06:48 112		12:27 54S	18:06 248		18:55
2025 Jan 12 (Sun)	05:59	06:48 112		12:27 54S	18:06 248		18:56
2025 Jan 13 (Mon)	05:59	06:48 112		12:27 54S	18:07 248		18:56
2025 Jan 14 (Tue)	05:59	06:48 112		12:28 54S	18:07 248		18:57
2025 Jan 15 (Wed)	05:59	06:49 112		12:28 54S	18:08 248		18:57
2025 Jan 16 (Thu)	05:59	06:49 111		12:29 55S	18:08 249		18:58
2025 Jan 17 (Fri)	06:00	06:49 111		12:29 55S	18:09 249		18:58
2025 Jan 18 (Sat)	06:00	06:49 111		12:29 55S	18:10 249		18:59
2025 Jan 19 (Sun)	06:00	06:49 111		12:30 55S	18:10 249		18:59
2025 Jan 20 (Mon)	06:00	06:49 111		12:30 55S	18:11 249		19:00
2025 Jan 21 (Tue)	06:00	06:49 110		12:30 56S	18:11 250		19:00
2025 Jan 22 (Wed)	06:00	06:49 110		12:30 56S	18:12 250		19:01
2025 Jan 23 (Thu)	06:00	06:49 110		12:31 56S	18:12 250		19:01
2025 Jan 24 (Fri)	06:00	06:49 110		12:31 56S	18:13 250		19:02
2025 Jan 25 (Sat)	06:00	06:49 109		12:31 57S	18:13 251		19:02
2025 Jan 26 (Sun)	06:00	06:49 109		12:31 57S	18:14 251		19:03
2025 Jan 27 (Mon)	06:00	06:49 109		12:32 57S	18:14 251		19:03
2025 Jan 28 (Tue)	06:00	06:49 109		12:32 57S	18:15 251		19:03
2025 Jan 29 (Wed)	06:00	06:48 108		12:32 58S	18:15 252		19:04
2025 Jan 30 (Thu)	06:00	06:48 108		12:32 58S	18:16 252		19:04
2025 Jan 31 (Fri)	06:00	06:48 108		12:32 58S	18:16 252		19:05
2025 Feb 01 (Sat)	06:00	06:48 108		12:32 58S	18:17 253		19:05
2025 Feb 02 (Sun)	06:00	06:48 107		12:32 59S	18:17 253		19:05
2025 Feb 03 (Mon)	06:00	06:48 107		12:33 59S	18:18 253		19:06
2025 Feb 04 (Tue)	05:59	06:47 107		12:33 59S	18:18 254		19:06
2025 Feb 05 (Wed)	05:59	06:47 106		12:33 60S	18:19 254		19:07
2025 Feb 06 (Thu)	05:59	06:47 106		12:33 60S	18:19 254		19:07
2025 Feb 07 (Fri)	05:59	06:46 106		12:33 60S	18:20 255		19:07
2025 Feb 08 (Sat)	05:58	06:46 105		12:33 61S	18:20 255		19:08
2025 Feb 09 (Sun)	05:58	06:46 105		12:33 61S	18:20 255		19:08
2025 Feb 10 (Mon)	05:58	06:45 105		12:33 61S	18:21 256		19:08
2025 Feb 11 (Tue)	05:58	06:45 104		12:33 61S	18:21 256		19:09
2025 Feb 12 (Wed)	05:57	06:45 104		12:33 62S	18:21 256		19:09
2025 Feb 13 (Thu)	05:57	06:44 104		12:33 62S	18:22 257		19:09
2025 Feb 14 (Fri)	05:57	06:44 103		12:33 62S	18:22 257		19:09
2025 Feb 15 (Sat)	05:56	06:43 103		12:33 63S	18:23 257		19:10
2025 Feb 16 (Sun)	05:56	06:43 103		12:33 63S	18:23 258		19:10
2025 Feb 17 (Mon)	05:55	06:43 102		12:33 64S	18:23 258		19:10
2025 Feb 18 (Tue)	05:55	06:42 102		12:33 64S	18:23 258		19:11
2025 Feb 19 (Wed)	05:55	06:42 101		12:33 64S	18:24 259		19:11
2025 Feb 20 (Thu)	05:54	06:41 101		12:32 65S	18:24 259		19:11
2025 Feb 21 (Fri)	05:54	06:41 101		12:32 65S	18:24 259		19:11
2025 Feb 22 (Sat)	05:53	06:40 100		12:32 65S	18:25 260		19:12
2025 Feb 23 (Sun)	05:53	06:39 100		12:32 66S	18:25 260		19:12
2025 Feb 24 (Mon)	05:52	06:39 100		12:32 66S	18:25 261		19:12

2025	Feb	25	(Tue)	05:52	06:38	99	12:32	66S	18:25	261	19:12
2025	Feb	26	(Wed)	05:51	06:38	99	12:32	67S	18:26	261	19:12
2025	Feb	27	(Thu)	05:51	06:37	98	12:31	67S	18:26	262	19:13
2025	Feb	28	(Fri)	05:50	06:37	98	12:31	68S	18:26	262	19:13
2025	Mar	01	(Sat)	05:49	06:36	98	12:31	68S	18:26	263	19:13
2025	Mar	02	(Sun)	05:49	06:35	97	12:31	68S	18:27	263	19:13
2025	Mar	03	(Mon)	05:48	06:35	97	12:31	69S	18:27	263	19:13
2025	Mar	04	(Tue)	05:48	06:34	96	12:30	69S	18:27	264	19:14
2025	Mar	05	(Wed)	05:47	06:33	96	12:30	69S	18:27	264	19:14
2025	Mar	06	(Thu)	05:46	06:33	96	12:30	70S	18:27	265	19:14
2025	Mar	07	(Fri)	05:46	06:32	95	12:30	70S	18:28	265	19:14
2025	Mar	08	(Sat)	05:45	06:32	95	12:30	71S	18:28	265	19:14
2025	Mar	09	(Sun)	05:44	06:31	94	12:29	71S	18:28	266	19:14
2025	Mar	10	(Mon)	05:44	06:30	94	12:29	71S	18:28	266	19:15
2025	Mar	11	(Tue)	05:43	06:29	94	12:29	72S	18:28	267	19:15
2025	Mar	12	(Wed)	05:42	06:29	93	12:29	72S	18:29	267	19:15
2025	Mar	13	(Thu)	05:42	06:28	93	12:28	73S	18:29	267	19:15
2025	Mar	14	(Fri)	05:41	06:27	92	12:28	73S	18:29	268	19:15
2025	Mar	15	(Sat)	05:40	06:27	92	12:28	73S	18:29	268	19:15
2025	Mar	16	(Sun)	05:40	06:26	92	12:27	74S	18:29	269	19:15
2025	Mar	17	(Mon)	05:39	06:25	91	12:27	74S	18:29	269	19:16
2025	Mar	18	(Tue)	05:38	06:25	91	12:27	75S	18:29	269	19:16
2025	Mar	19	(Wed)	05:37	06:24	90	12:27	75S	18:30	270	19:16
2025	Mar	20	(Thu)	05:37	06:23	90	12:26	75S	18:30	270	19:16
2025	Mar	21	(Fri)	05:36	06:22	90	12:26	76S	18:30	271	19:16
2025	Mar	22	(Sat)	05:35	06:22	89	12:26	76S	18:30	271	19:16
2025	Mar	23	(Sun)	05:35	06:21	89	12:25	77S	18:30	271	19:16
2025	Mar	24	(Mon)	05:34	06:20	88	12:25	77S	18:30	272	19:17
2025	Mar	25	(Tue)	05:33	06:19	88	12:25	77S	18:30	272	19:17
2025	Mar	26	(Wed)	05:32	06:19	87	12:24	78S	18:30	273	19:17
2025	Mar	27	(Thu)	05:32	06:18	87	12:24	78S	18:31	273	19:17
2025	Mar	28	(Fri)	05:31	06:17	87	12:24	79S	18:31	274	19:17
2025	Mar	29	(Sat)	05:30	06:16	86	12:24	79S	18:31	274	19:17
2025	Mar	30	(Sun)	05:29	06:16	86	12:23	79S	18:31	274	19:18
2025	Mar	31	(Mon)	05:28	06:15	85	12:23	80S	18:31	275	19:18
2025	Apr	01	(Tue)	05:28	06:14	85	12:23	80S	18:31	275	19:18
2025	Apr	02	(Wed)	05:27	06:14	85	12:22	80S	18:31	276	19:18
2025	Apr	03	(Thu)	05:26	06:13	84	12:22	81S	18:31	276	19:18
2025	Apr	04	(Fri)	05:25	06:12	84	12:22	81S	18:32	276	19:18
2025	Apr	05	(Sat)	05:25	06:11	83	12:21	82S	18:32	277	19:19
2025	Apr	06	(Sun)	05:24	06:11	83	12:21	82S	18:32	277	19:19
2025	Apr	07	(Mon)	05:23	06:10	83	12:21	82S	18:32	278	19:19
2025	Apr	08	(Tue)	05:22	06:09	82	12:21	83S	18:32	278	19:19
2025	Apr	09	(Wed)	05:22	06:09	82	12:20	83S	18:32	278	19:19
2025	Apr	10	(Thu)	05:21	06:08	82	12:20	83S	18:32	279	19:20
2025	Apr	11	(Fri)	05:20	06:07	81	12:20	84S	18:33	279	19:20
2025	Apr	12	(Sat)	05:19	06:07	81	12:20	84S	18:33	279	19:20
2025	Apr	13	(Sun)	05:19	06:06	80	12:19	85S	18:33	280	19:20
2025	Apr	14	(Mon)	05:18	06:05	80	12:19	85S	18:33	280	19:20
2025	Apr	15	(Tue)	05:17	06:05	80	12:19	85S	18:33	281	19:21
2025	Apr	16	(Wed)	05:17	06:04	79	12:19	86S	18:33	281	19:21
2025	Apr	17	(Thu)	05:16	06:03	79	12:18	86S	18:34	281	19:21
2025	Apr	18	(Fri)	05:15	06:03	79	12:18	86S	18:34	282	19:21
2025	Apr	19	(Sat)	05:14	06:02	78	12:18	87S	18:34	282	19:22
2025	Apr	20	(Sun)	05:14	06:01	78	12:18	87S	18:34	282	19:22
2025	Apr	21	(Mon)	05:13	06:01	77	12:17	87S	18:34	283	19:22
2025	Apr	22	(Tue)	05:12	06:00	77	12:17	88S	18:35	283	19:22
2025	Apr	23	(Wed)	05:12	06:00	77	12:17	88S	18:35	283	19:23
2025	Apr	24	(Thu)	05:11	05:59	76	12:17	88S	18:35	284	19:23
2025	Apr	25	(Fri)	05:10	05:59	76	12:17	89S	18:35	284	19:23
2025	Apr	26	(Sat)	05:10	05:58	76	12:17	89S	18:35	284	19:24
2025	Apr	27	(Sun)	05:09	05:57	75	12:16	89S	18:36	285	19:24
2025	Apr	28	(Mon)	05:09	05:57	75	12:16	90S	18:36	285	19:24
2025	Apr	29	(Tue)	05:08	05:56	75	12:16	90S	18:36	285	19:25
2025	Apr	30	(Wed)	05:07	05:56	74	12:16	90S	18:36	286	19:25
2025	May	01	(Thu)	05:07	05:55	74	12:16	91S	18:37	286	19:25
2025	May	02	(Fri)	05:06	05:55	74	12:16	91N	18:37	286	19:26

2025	May	03	(Sat)	05:06	05:55	73	12:16	90N	18:37	287	19:26
2025	May	04	(Sun)	05:05	05:54	73	12:16	90N	18:37	287	19:26
2025	May	05	(Mon)	05:05	05:54	73	12:15	90N	18:38	287	19:27
2025	May	06	(Tue)	05:04	05:53	73	12:15	89N	18:38	288	19:27
2025	May	07	(Wed)	05:04	05:53	72	12:15	89N	18:38	288	19:27
2025	May	08	(Thu)	05:03	05:52	72	12:15	89N	18:38	288	19:28
2025	May	09	(Fri)	05:03	05:52	72	12:15	89N	18:39	288	19:28
2025	May	10	(Sat)	05:02	05:52	71	12:15	88N	18:39	289	19:28
2025	May	11	(Sun)	05:02	05:51	71	12:15	88N	18:39	289	19:29
2025	May	12	(Mon)	05:01	05:51	71	12:15	88N	18:39	289	19:29
2025	May	13	(Tue)	05:01	05:51	71	12:15	88N	18:40	289	19:30
2025	May	14	(Wed)	05:01	05:50	70	12:15	87N	18:40	290	19:30
2025	May	15	(Thu)	05:00	05:50	70	12:15	87N	18:40	290	19:30
2025	May	16	(Fri)	05:00	05:50	70	12:15	87N	18:41	290	19:31
2025	May	17	(Sat)	05:00	05:50	70	12:15	87N	18:41	290	19:31
2025	May	18	(Sun)	04:59	05:49	69	12:15	86N	18:41	291	19:31
2025	May	19	(Mon)	04:59	05:49	69	12:15	86N	18:42	291	19:32
2025	May	20	(Tue)	04:59	05:49	69	12:15	86N	18:42	291	19:32
2025	May	21	(Wed)	04:58	05:49	69	12:15	86N	18:42	291	19:33
2025	May	22	(Thu)	04:58	05:48	69	12:15	86N	18:43	292	19:33
2025	May	23	(Fri)	04:58	05:48	68	12:16	85N	18:43	292	19:34
2025	May	24	(Sat)	04:58	05:48	68	12:16	85N	18:43	292	19:34
2025	May	25	(Sun)	04:57	05:48	68	12:16	85N	18:44	292	19:34
2025	May	26	(Mon)	04:57	05:48	68	12:16	85N	18:44	292	19:35
2025	May	27	(Tue)	04:57	05:48	68	12:16	85N	18:44	292	19:35
2025	May	28	(Wed)	04:57	05:48	67	12:16	84N	18:45	293	19:36
2025	May	29	(Thu)	04:57	05:48	67	12:16	84N	18:45	293	19:36
2025	May	30	(Fri)	04:57	05:48	67	12:16	84N	18:45	293	19:36
2025	May	31	(Sat)	04:56	05:48	67	12:16	84N	18:46	293	19:37
2025	Jun	01	(Sun)	04:56	05:47	67	12:17	84N	18:46	293	19:37
2025	Jun	02	(Mon)	04:56	05:47	67	12:17	84N	18:46	293	19:38
2025	Jun	03	(Tue)	04:56	05:47	67	12:17	84N	18:47	293	19:38
2025	Jun	04	(Wed)	04:56	05:47	66	12:17	84N	18:47	294	19:38
2025	Jun	05	(Thu)	04:56	05:47	66	12:17	83N	18:47	294	19:39
2025	Jun	06	(Fri)	04:56	05:48	66	12:17	83N	18:48	294	19:39
2025	Jun	07	(Sat)	04:56	05:48	66	12:18	83N	18:48	294	19:39
2025	Jun	08	(Sun)	04:56	05:48	66	12:18	83N	18:48	294	19:40
2025	Jun	09	(Mon)	04:56	05:48	66	12:18	83N	18:48	294	19:40
2025	Jun	10	(Tue)	04:56	05:48	66	12:18	83N	18:49	294	19:40
2025	Jun	11	(Wed)	04:56	05:48	66	12:18	83N	18:49	294	19:41
2025	Jun	12	(Thu)	04:56	05:48	66	12:19	83N	18:49	294	19:41
2025	Jun	13	(Fri)	04:56	05:48	66	12:19	83N	18:50	294	19:41
2025	Jun	14	(Sat)	04:57	05:48	66	12:19	83N	18:50	294	19:42
2025	Jun	15	(Sun)	04:57	05:48	66	12:19	83N	18:50	294	19:42
2025	Jun	16	(Mon)	04:57	05:49	65	12:20	83N	18:50	295	19:42
2025	Jun	17	(Tue)	04:57	05:49	65	12:20	83N	18:51	295	19:42
2025	Jun	18	(Wed)	04:57	05:49	65	12:20	83N	18:51	295	19:43
2025	Jun	19	(Thu)	04:57	05:49	65	12:20	83N	18:51	295	19:43
2025	Jun	20	(Fri)	04:58	05:49	65	12:20	83N	18:51	295	19:43
2025	Jun	21	(Sat)	04:58	05:50	65	12:21	83N	18:52	295	19:43
2025	Jun	22	(Sun)	04:58	05:50	65	12:21	83N	18:52	295	19:44
2025	Jun	23	(Mon)	04:58	05:50	65	12:21	83N	18:52	295	19:44
2025	Jun	24	(Tue)	04:58	05:50	65	12:21	83N	18:52	295	19:44
2025	Jun	25	(Wed)	04:59	05:51	65	12:21	83N	18:52	295	19:44
2025	Jun	26	(Thu)	04:59	05:51	65	12:22	83N	18:53	294	19:44
2025	Jun	27	(Fri)	04:59	05:51	66	12:22	83N	18:53	294	19:44
2025	Jun	28	(Sat)	05:00	05:51	66	12:22	83N	18:53	294	19:45
2025	Jun	29	(Sun)	05:00	05:52	66	12:22	83N	18:53	294	19:45
2025	Jun	30	(Mon)	05:00	05:52	66	12:23	83N	18:53	294	19:45
2025	Jul	01	(Tue)	05:00	05:52	66	12:23	83N	18:53	294	19:45
2025	Jul	02	(Wed)	05:01	05:52	66	12:23	83N	18:53	294	19:45
2025	Jul	03	(Thu)	05:01	05:53	66	12:23	83N	18:53	294	19:45
2025	Jul	04	(Fri)	05:01	05:53	66	12:23	83N	18:53	294	19:45
2025	Jul	05	(Sat)	05:02	05:53	66	12:23	83N	18:54	294	19:45
2025	Jul	06	(Sun)	05:02	05:54	66	12:24	83N	18:54	294	19:45
2025	Jul	07	(Mon)	05:02	05:54	66	12:24	83N	18:54	294	19:45
2025	Jul	08	(Tue)	05:03	05:54	66	12:24	84N	18:54	294	19:45

2025	Jul	09	(Wed)	05:03	05:55	67	12:24	84N	18:54	293	19:45
2025	Jul	10	(Thu)	05:04	05:55	67	12:24	84N	18:54	293	19:45
2025	Jul	11	(Fri)	05:04	05:55	67	12:24	84N	18:54	293	19:45
2025	Jul	12	(Sat)	05:04	05:55	67	12:24	84N	18:53	293	19:45
2025	Jul	13	(Sun)	05:05	05:56	67	12:25	84N	18:53	293	19:44
2025	Jul	14	(Mon)	05:05	05:56	67	12:25	84N	18:53	293	19:44
2025	Jul	15	(Tue)	05:05	05:56	67	12:25	85N	18:53	293	19:44
2025	Jul	16	(Wed)	05:06	05:57	68	12:25	85N	18:53	292	19:44
2025	Jul	17	(Thu)	05:06	05:57	68	12:25	85N	18:53	292	19:44
2025	Jul	18	(Fri)	05:07	05:57	68	12:25	85N	18:53	292	19:43
2025	Jul	19	(Sat)	05:07	05:58	68	12:25	85N	18:53	292	19:43
2025	Jul	20	(Sun)	05:07	05:58	68	12:25	85N	18:52	292	19:43
2025	Jul	21	(Mon)	05:08	05:58	69	12:25	86N	18:52	291	19:43
2025	Jul	22	(Tue)	05:08	05:58	69	12:25	86N	18:52	291	19:42
2025	Jul	23	(Wed)	05:08	05:59	69	12:25	86N	18:52	291	19:42
2025	Jul	24	(Thu)	05:09	05:59	69	12:25	86N	18:52	291	19:42
2025	Jul	25	(Fri)	05:09	05:59	69	12:25	86N	18:51	291	19:41
2025	Jul	26	(Sat)	05:10	06:00	70	12:25	87N	18:51	290	19:41
2025	Jul	27	(Sun)	05:10	06:00	70	12:25	87N	18:51	290	19:41
2025	Jul	28	(Mon)	05:10	06:00	70	12:25	87N	18:50	290	19:40
2025	Jul	29	(Tue)	05:11	06:00	70	12:25	87N	18:50	290	19:40
2025	Jul	30	(Wed)	05:11	06:01	71	12:25	88N	18:50	289	19:39
2025	Jul	31	(Thu)	05:11	06:01	71	12:25	88N	18:49	289	19:39
2025	Aug	01	(Fri)	05:12	06:01	71	12:25	88N	18:49	289	19:38
2025	Aug	02	(Sat)	05:12	06:01	71	12:25	88N	18:49	289	19:38
2025	Aug	03	(Sun)	05:12	06:02	72	12:25	89N	18:48	288	19:38
2025	Aug	04	(Mon)	05:13	06:02	72	12:25	89N	18:48	288	19:37
2025	Aug	05	(Tue)	05:13	06:02	72	12:25	89N	18:47	288	19:36
2025	Aug	06	(Wed)	05:13	06:02	72	12:25	89N	18:47	287	19:36
2025	Aug	07	(Thu)	05:14	06:03	73	12:25	90N	18:46	287	19:35
2025	Aug	08	(Fri)	05:14	06:03	73	12:24	90N	18:46	287	19:35
2025	Aug	09	(Sat)	05:14	06:03	73	12:24	90N	18:45	287	19:34
2025	Aug	10	(Sun)	05:14	06:03	74	12:24	91N	18:45	286	19:34
2025	Aug	11	(Mon)	05:15	06:03	74	12:24	91S	18:44	286	19:33
2025	Aug	12	(Tue)	05:15	06:04	74	12:24	90S	18:44	286	19:32
2025	Aug	13	(Wed)	05:15	06:04	75	12:24	90S	18:43	285	19:32
2025	Aug	14	(Thu)	05:16	06:04	75	12:24	90S	18:43	285	19:31
2025	Aug	15	(Fri)	05:16	06:04	75	12:23	89S	18:42	285	19:31
2025	Aug	16	(Sat)	05:16	06:04	76	12:23	89S	18:42	284	19:30
2025	Aug	17	(Sun)	05:16	06:04	76	12:23	89S	18:41	284	19:29
2025	Aug	18	(Mon)	05:17	06:05	76	12:23	88S	18:41	284	19:29
2025	Aug	19	(Tue)	05:17	06:05	77	12:22	88S	18:40	283	19:28
2025	Aug	20	(Wed)	05:17	06:05	77	12:22	88S	18:39	283	19:27
2025	Aug	21	(Thu)	05:17	06:05	77	12:22	87S	18:39	283	19:26
2025	Aug	22	(Fri)	05:17	06:05	78	12:22	87S	18:38	282	19:26
2025	Aug	23	(Sat)	05:18	06:05	78	12:21	87S	18:37	282	19:25
2025	Aug	24	(Sun)	05:18	06:05	78	12:21	86S	18:37	282	19:24
2025	Aug	25	(Mon)	05:18	06:06	79	12:21	86S	18:36	281	19:24
2025	Aug	26	(Tue)	05:18	06:06	79	12:21	86S	18:35	281	19:23
2025	Aug	27	(Wed)	05:18	06:06	79	12:20	85S	18:35	280	19:22
2025	Aug	28	(Thu)	05:19	06:06	80	12:20	85S	18:34	280	19:21
2025	Aug	29	(Fri)	05:19	06:06	80	12:20	85S	18:33	280	19:21
2025	Aug	30	(Sat)	05:19	06:06	80	12:19	84S	18:33	279	19:20
2025	Aug	31	(Sun)	05:19	06:06	81	12:19	84S	18:32	279	19:19
2025	Sep	01	(Mon)	05:19	06:06	81	12:19	84S	18:31	279	19:18
2025	Sep	02	(Tue)	05:19	06:06	82	12:19	83S	18:30	278	19:17
2025	Sep	03	(Wed)	05:20	06:07	82	12:18	83S	18:30	278	19:17
2025	Sep	04	(Thu)	05:20	06:07	82	12:18	83S	18:29	277	19:16
2025	Sep	05	(Fri)	05:20	06:07	83	12:18	82S	18:28	277	19:15
2025	Sep	06	(Sat)	05:20	06:07	83	12:17	82S	18:27	277	19:14
2025	Sep	07	(Sun)	05:20	06:07	83	12:17	81S	18:27	276	19:13
2025	Sep	08	(Mon)	05:20	06:07	84	12:17	81S	18:26	276	19:13
2025	Sep	09	(Tue)	05:20	06:07	84	12:16	81S	18:25	276	19:12
2025	Sep	10	(Wed)	05:20	06:07	85	12:16	80S	18:24	275	19:11
2025	Sep	11	(Thu)	05:20	06:07	85	12:15	80S	18:24	275	19:10
2025	Sep	12	(Fri)	05:21	06:07	85	12:15	79S	18:23	274	19:09
2025	Sep	13	(Sat)	05:21	06:07	86	12:15	79S	18:22	274	19:09

2025 Sep 14 (Sun)	05:21	06:07	86	12:14	79S	18:21	274	19:08
2025 Sep 15 (Mon)	05:21	06:07	87	12:14	78S	18:20	273	19:07
2025 Sep 16 (Tue)	05:21	06:07	87	12:14	78S	18:20	273	19:06
2025 Sep 17 (Wed)	05:21	06:08	87	12:13	78S	18:19	272	19:05
2025 Sep 18 (Thu)	05:21	06:08	88	12:13	77S	18:18	272	19:05
2025 Sep 19 (Fri)	05:21	06:08	88	12:13	77S	18:17	272	19:04
2025 Sep 20 (Sat)	05:21	06:08	89	12:12	76S	18:17	271	19:03
2025 Sep 21 (Sun)	05:21	06:08	89	12:12	76S	18:16	271	19:02
2025 Sep 22 (Mon)	05:22	06:08	89	12:12	76S	18:15	270	19:01
2025 Sep 23 (Tue)	05:22	06:08	90	12:11	75S	18:14	270	19:01
2025 Sep 24 (Wed)	05:22	06:08	90	12:11	75S	18:13	270	19:00
2025 Sep 25 (Thu)	05:22	06:08	91	12:11	74S	18:13	269	18:59
2025 Sep 26 (Fri)	05:22	06:08	91	12:10	74S	18:12	269	18:58
2025 Sep 27 (Sat)	05:22	06:08	91	12:10	74S	18:11	268	18:57
2025 Sep 28 (Sun)	05:22	06:08	92	12:09	73S	18:10	268	18:57
2025 Sep 29 (Mon)	05:22	06:08	92	12:09	73S	18:10	268	18:56
2025 Sep 30 (Tue)	05:22	06:09	93	12:09	73S	18:09	267	18:55
2025 Oct 01 (Wed)	05:22	06:09	93	12:08	72S	18:08	267	18:54
2025 Oct 02 (Thu)	05:22	06:09	93	12:08	72S	18:07	266	18:54
2025 Oct 03 (Fri)	05:22	06:09	94	12:08	71S	18:07	266	18:53
2025 Oct 04 (Sat)	05:23	06:09	94	12:08	71S	18:06	266	18:52
2025 Oct 05 (Sun)	05:23	06:09	95	12:07	71S	18:05	265	18:52
2025 Oct 06 (Mon)	05:23	06:09	95	12:07	70S	18:05	265	18:51
2025 Oct 07 (Tue)	05:23	06:09	95	12:07	70S	18:04	264	18:50
2025 Oct 08 (Wed)	05:23	06:09	96	12:06	69S	18:03	264	18:50
2025 Oct 09 (Thu)	05:23	06:10	96	12:06	69S	18:02	264	18:49
2025 Oct 10 (Fri)	05:23	06:10	97	12:06	69S	18:02	263	18:48
2025 Oct 11 (Sat)	05:23	06:10	97	12:06	68S	18:01	263	18:48
2025 Oct 12 (Sun)	05:23	06:10	97	12:05	68S	18:00	262	18:47
2025 Oct 13 (Mon)	05:24	06:10	98	12:05	68S	18:00	262	18:46
2025 Oct 14 (Tue)	05:24	06:10	98	12:05	67S	17:59	262	18:46
2025 Oct 15 (Wed)	05:24	06:11	99	12:05	67S	17:58	261	18:45
2025 Oct 16 (Thu)	05:24	06:11	99	12:04	66S	17:58	261	18:45
2025 Oct 17 (Fri)	05:24	06:11	99	12:04	66S	17:57	260	18:44
2025 Oct 18 (Sat)	05:24	06:11	100	12:04	66S	17:57	260	18:43
2025 Oct 19 (Sun)	05:25	06:11	100	12:04	65S	17:56	260	18:43
2025 Oct 20 (Mon)	05:25	06:12	100	12:04	65S	17:55	259	18:42
2025 Oct 21 (Tue)	05:25	06:12	101	12:03	65S	17:55	259	18:42
2025 Oct 22 (Wed)	05:25	06:12	101	12:03	64S	17:54	259	18:41
2025 Oct 23 (Thu)	05:25	06:12	102	12:03	64S	17:54	258	18:41
2025 Oct 24 (Fri)	05:25	06:13	102	12:03	64S	17:53	258	18:40
2025 Oct 25 (Sat)	05:26	06:13	102	12:03	63S	17:53	258	18:40
2025 Oct 26 (Sun)	05:26	06:13	103	12:03	63S	17:52	257	18:40
2025 Oct 27 (Mon)	05:26	06:13	103	12:03	63S	17:52	257	18:39
2025 Oct 28 (Tue)	05:26	06:14	103	12:03	62S	17:51	256	18:39
2025 Oct 29 (Wed)	05:27	06:14	104	12:03	62S	17:51	256	18:38
2025 Oct 30 (Thu)	05:27	06:14	104	12:02	62S	17:50	256	18:38
2025 Oct 31 (Fri)	05:27	06:15	104	12:02	61S	17:50	255	18:38
2025 Nov 01 (Sat)	05:27	06:15	105	12:02	61S	17:50	255	18:37
2025 Nov 02 (Sun)	05:28	06:15	105	12:02	61S	17:49	255	18:37
2025 Nov 03 (Mon)	05:28	06:16	105	12:02	60S	17:49	254	18:37
2025 Nov 04 (Tue)	05:28	06:16	106	12:02	60S	17:49	254	18:36
2025 Nov 05 (Wed)	05:29	06:16	106	12:02	60S	17:48	254	18:36
2025 Nov 06 (Thu)	05:29	06:17	106	12:02	59S	17:48	254	18:36
2025 Nov 07 (Fri)	05:29	06:17	107	12:02	59S	17:48	253	18:36
2025 Nov 08 (Sat)	05:30	06:18	107	12:03	59S	17:47	253	18:35
2025 Nov 09 (Sun)	05:30	06:18	107	12:03	58S	17:47	253	18:35
2025 Nov 10 (Mon)	05:30	06:18	108	12:03	58S	17:47	252	18:35
2025 Nov 11 (Tue)	05:31	06:19	108	12:03	58S	17:47	252	18:35
2025 Nov 12 (Wed)	05:31	06:19	108	12:03	58S	17:46	252	18:35
2025 Nov 13 (Thu)	05:31	06:20	108	12:03	57S	17:46	251	18:35
2025 Nov 14 (Fri)	05:32	06:20	109	12:03	57S	17:46	251	18:35
2025 Nov 15 (Sat)	05:32	06:21	109	12:03	57S	17:46	251	18:35
2025 Nov 16 (Sun)	05:32	06:21	109	12:04	57S	17:46	251	18:35
2025 Nov 17 (Mon)	05:33	06:22	109	12:04	56S	17:46	250	18:34
2025 Nov 18 (Tue)	05:33	06:22	110	12:04	56S	17:46	250	18:34
2025 Nov 19 (Wed)	05:34	06:23	110	12:04	56S	17:46	250	18:34

2025 Nov 20 (Thu)	05:34	06:23	110	12:04	56S	17:46	250	18:35
2025 Nov 21 (Fri)	05:35	06:24	110	12:05	55S	17:46	249	18:35
2025 Nov 22 (Sat)	05:35	06:24	111	12:05	55S	17:46	249	18:35
2025 Nov 23 (Sun)	05:36	06:25	111	12:05	55S	17:46	249	18:35
2025 Nov 24 (Mon)	05:36	06:25	111	12:05	55S	17:46	249	18:35
2025 Nov 25 (Tue)	05:37	06:26	111	12:06	55S	17:46	249	18:35
2025 Nov 26 (Wed)	05:37	06:26	112	12:06	54S	17:46	248	18:35
2025 Nov 27 (Thu)	05:37	06:27	112	12:06	54S	17:46	248	18:35
2025 Nov 28 (Fri)	05:38	06:27	112	12:07	54S	17:46	248	18:35
2025 Nov 29 (Sat)	05:38	06:28	112	12:07	54S	17:46	248	18:36
2025 Nov 30 (Sun)	05:39	06:29	112	12:07	54S	17:46	248	18:36
2025 Dec 01 (Mon)	05:40	06:29	112	12:08	54S	17:46	248	18:36
2025 Dec 02 (Tue)	05:40	06:30	113	12:08	53S	17:47	247	18:36
2025 Dec 03 (Wed)	05:41	06:30	113	12:09	53S	17:47	247	18:37
2025 Dec 04 (Thu)	05:41	06:31	113	12:09	53S	17:47	247	18:37
2025 Dec 05 (Fri)	05:42	06:31	113	12:09	53S	17:47	247	18:37
2025 Dec 06 (Sat)	05:42	06:32	113	12:10	53S	17:48	247	18:37
2025 Dec 07 (Sun)	05:43	06:32	113	12:10	53S	17:48	247	18:38
2025 Dec 08 (Mon)	05:43	06:33	113	12:11	53S	17:48	247	18:38
2025 Dec 09 (Tue)	05:44	06:34	113	12:11	53S	17:49	246	18:38
2025 Dec 10 (Wed)	05:44	06:34	114	12:12	52S	17:49	246	18:39
2025 Dec 11 (Thu)	05:45	06:35	114	12:12	52S	17:49	246	18:39
2025 Dec 12 (Fri)	05:45	06:35	114	12:12	52S	17:50	246	18:40
2025 Dec 13 (Sat)	05:46	06:36	114	12:13	52S	17:50	246	18:40
2025 Dec 14 (Sun)	05:46	06:36	114	12:13	52S	17:50	246	18:40
2025 Dec 15 (Mon)	05:47	06:37	114	12:14	52S	17:51	246	18:41
2025 Dec 16 (Tue)	05:47	06:38	114	12:14	52S	17:51	246	18:41
2025 Dec 17 (Wed)	05:48	06:38	114	12:15	52S	17:52	246	18:42
2025 Dec 18 (Thu)	05:48	06:39	114	12:15	52S	17:52	246	18:42
2025 Dec 19 (Fri)	05:49	06:39	114	12:16	52S	17:53	246	18:43
2025 Dec 20 (Sat)	05:49	06:40	114	12:16	52S	17:53	246	18:43
2025 Dec 21 (Sun)	05:50	06:40	114	12:17	52S	17:54	246	18:44
2025 Dec 22 (Mon)	05:50	06:41	114	12:17	52S	17:54	246	18:44
2025 Dec 23 (Tue)	05:51	06:41	114	12:18	52S	17:55	246	18:45
2025 Dec 24 (Wed)	05:51	06:42	114	12:18	52S	17:55	246	18:45
2025 Dec 25 (Thu)	05:52	06:42	114	12:19	52S	17:56	246	18:46
2025 Dec 26 (Fri)	05:52	06:43	114	12:19	52S	17:56	246	18:46
2025 Dec 27 (Sat)	05:53	06:43	114	12:20	52S	17:57	246	18:47
2025 Dec 28 (Sun)	05:53	06:43	114	12:20	52S	17:57	246	18:47
2025 Dec 29 (Mon)	05:54	06:44	114	12:21	52S	17:58	246	18:48
2025 Dec 30 (Tue)	05:54	06:44	114	12:21	52S	17:58	246	18:48
2025 Dec 31 (Wed)	05:55	06:45	114	12:22	52S	17:59	246	18:49

Sun

VTMI

Location: E100°18'00.0", N15°17'00.0", 107m
(Longitude referred to Greenwich meridian)

Time Zone: 7h 00m east of Greenwich

Date (Zone)	Begin Civil Twilight h m	Rise h m °	Az. °	Transit Alt. h m °	Set h m °	Az. °	End Civil Twilight h m
2025 Jan 01 (Wed)	06:22	06:45	114	12:22 52S	18:00	246	18:23
2025 Jan 02 (Thu)	06:22	06:45	114	12:23 53S	18:00	246	18:23
2025 Jan 03 (Fri)	06:23	06:46	113	12:23 53S	18:01	247	18:24
2025 Jan 04 (Sat)	06:23	06:46	113	12:24 53S	18:01	247	18:25
2025 Jan 05 (Sun)	06:23	06:46	113	12:24 53S	18:02	247	18:25
2025 Jan 06 (Mon)	06:24	06:47	113	12:25 53S	18:03	247	18:26
2025 Jan 07 (Tue)	06:24	06:47	113	12:25 53S	18:03	247	18:26
2025 Jan 08 (Wed)	06:24	06:47	113	12:25 53S	18:04	247	18:27
2025 Jan 09 (Thu)	06:24	06:48	113	12:26 53S	18:04	247	18:27
2025 Jan 10 (Fri)	06:25	06:48	113	12:26 54S	18:05	248	18:28
2025 Jan 11 (Sat)	06:25	06:48	112	12:27 54S	18:06	248	18:29
2025 Jan 12 (Sun)	06:25	06:48	112	12:27 54S	18:06	248	18:29

2025	Jan	13	(Mon)	06:25	06:48	112	12:27	54S	18:07	248	18:30
2025	Jan	14	(Tue)	06:26	06:48	112	12:28	54S	18:07	248	18:30
2025	Jan	15	(Wed)	06:26	06:49	112	12:28	54S	18:08	248	18:31
2025	Jan	16	(Thu)	06:26	06:49	111	12:29	55S	18:08	249	18:31
2025	Jan	17	(Fri)	06:26	06:49	111	12:29	55S	18:09	249	18:32
2025	Jan	18	(Sat)	06:26	06:49	111	12:29	55S	18:10	249	18:32
2025	Jan	19	(Sun)	06:26	06:49	111	12:30	55S	18:10	249	18:33
2025	Jan	20	(Mon)	06:26	06:49	111	12:30	55S	18:11	249	18:33
2025	Jan	21	(Tue)	06:26	06:49	110	12:30	56S	18:11	250	18:34
2025	Jan	22	(Wed)	06:26	06:49	110	12:30	56S	18:12	250	18:35
2025	Jan	23	(Thu)	06:26	06:49	110	12:31	56S	18:12	250	18:35
2025	Jan	24	(Fri)	06:26	06:49	110	12:31	56S	18:13	250	18:36
2025	Jan	25	(Sat)	06:26	06:49	109	12:31	57S	18:13	251	18:36
2025	Jan	26	(Sun)	06:26	06:49	109	12:31	57S	18:14	251	18:37
2025	Jan	27	(Mon)	06:26	06:49	109	12:32	57S	18:14	251	18:37
2025	Jan	28	(Tue)	06:26	06:49	109	12:32	57S	18:15	251	18:37
2025	Jan	29	(Wed)	06:26	06:48	108	12:32	58S	18:15	252	18:38
2025	Jan	30	(Thu)	06:26	06:48	108	12:32	58S	18:16	252	18:38
2025	Jan	31	(Fri)	06:26	06:48	108	12:32	58S	18:16	252	18:39
2025	Feb	01	(Sat)	06:26	06:48	108	12:32	58S	18:17	253	18:39
2025	Feb	02	(Sun)	06:25	06:48	107	12:32	59S	18:17	253	18:40
2025	Feb	03	(Mon)	06:25	06:48	107	12:33	59S	18:18	253	18:40
2025	Feb	04	(Tue)	06:25	06:47	107	12:33	59S	18:18	254	18:41
2025	Feb	05	(Wed)	06:25	06:47	106	12:33	60S	18:19	254	18:41
2025	Feb	06	(Thu)	06:25	06:47	106	12:33	60S	18:19	254	18:41
2025	Feb	07	(Fri)	06:24	06:46	106	12:33	60S	18:20	255	18:42
2025	Feb	08	(Sat)	06:24	06:46	105	12:33	61S	18:20	255	18:42
2025	Feb	09	(Sun)	06:24	06:46	105	12:33	61S	18:20	255	18:42
2025	Feb	10	(Mon)	06:23	06:45	105	12:33	61S	18:21	256	18:43
2025	Feb	11	(Tue)	06:23	06:45	104	12:33	61S	18:21	256	18:43
2025	Feb	12	(Wed)	06:23	06:45	104	12:33	62S	18:21	256	18:43
2025	Feb	13	(Thu)	06:22	06:44	104	12:33	62S	18:22	257	18:44
2025	Feb	14	(Fri)	06:22	06:44	103	12:33	62S	18:22	257	18:44
2025	Feb	15	(Sat)	06:22	06:43	103	12:33	63S	18:23	257	18:44
2025	Feb	16	(Sun)	06:21	06:43	103	12:33	63S	18:23	258	18:45
2025	Feb	17	(Mon)	06:21	06:43	102	12:33	64S	18:23	258	18:45
2025	Feb	18	(Tue)	06:20	06:42	102	12:33	64S	18:23	258	18:45
2025	Feb	19	(Wed)	06:20	06:42	101	12:33	64S	18:24	259	18:46
2025	Feb	20	(Thu)	06:19	06:41	101	12:32	65S	18:24	259	18:46
2025	Feb	21	(Fri)	06:19	06:41	101	12:32	65S	18:24	259	18:46
2025	Feb	22	(Sat)	06:18	06:40	100	12:32	65S	18:25	260	18:46
2025	Feb	23	(Sun)	06:18	06:39	100	12:32	66S	18:25	260	18:47
2025	Feb	24	(Mon)	06:17	06:39	100	12:32	66S	18:25	261	18:47
2025	Feb	25	(Tue)	06:17	06:38	99	12:32	66S	18:25	261	18:47
2025	Feb	26	(Wed)	06:16	06:38	99	12:32	67S	18:26	261	18:47
2025	Feb	27	(Thu)	06:16	06:37	98	12:31	67S	18:26	262	18:48
2025	Feb	28	(Fri)	06:15	06:37	98	12:31	68S	18:26	262	18:48
2025	Mar	01	(Sat)	06:14	06:36	98	12:31	68S	18:26	263	18:48
2025	Mar	02	(Sun)	06:14	06:35	97	12:31	68S	18:27	263	18:48
2025	Mar	03	(Mon)	06:13	06:35	97	12:31	69S	18:27	263	18:48
2025	Mar	04	(Tue)	06:13	06:34	96	12:30	69S	18:27	264	18:49
2025	Mar	05	(Wed)	06:12	06:33	96	12:30	69S	18:27	264	18:49
2025	Mar	06	(Thu)	06:11	06:33	96	12:30	70S	18:27	265	18:49
2025	Mar	07	(Fri)	06:11	06:32	95	12:30	70S	18:28	265	18:49
2025	Mar	08	(Sat)	06:10	06:32	95	12:30	71S	18:28	265	18:49
2025	Mar	09	(Sun)	06:09	06:31	94	12:29	71S	18:28	266	18:49
2025	Mar	10	(Mon)	06:09	06:30	94	12:29	71S	18:28	266	18:50
2025	Mar	11	(Tue)	06:08	06:29	94	12:29	72S	18:28	267	18:50
2025	Mar	12	(Wed)	06:07	06:29	93	12:29	72S	18:29	267	18:50
2025	Mar	13	(Thu)	06:07	06:28	93	12:28	73S	18:29	267	18:50
2025	Mar	14	(Fri)	06:06	06:27	92	12:28	73S	18:29	268	18:50
2025	Mar	15	(Sat)	06:05	06:27	92	12:28	73S	18:29	268	18:50
2025	Mar	16	(Sun)	06:05	06:26	92	12:27	74S	18:29	269	18:51
2025	Mar	17	(Mon)	06:04	06:25	91	12:27	74S	18:29	269	18:51
2025	Mar	18	(Tue)	06:03	06:25	91	12:27	75S	18:29	269	18:51
2025	Mar	19	(Wed)	06:02	06:24	90	12:27	75S	18:30	270	18:51
2025	Mar	20	(Thu)	06:02	06:23	90	12:26	75S	18:30	270	18:51

2025 Mar 21 (Fri)	06:01	06:22	90	12:26	76S	18:30	271	18:51
2025 Mar 22 (Sat)	06:00	06:22	89	12:26	76S	18:30	271	18:51
2025 Mar 23 (Sun)	05:59	06:21	89	12:25	77S	18:30	271	18:52
2025 Mar 24 (Mon)	05:59	06:20	88	12:25	77S	18:30	272	18:52
2025 Mar 25 (Tue)	05:58	06:19	88	12:25	77S	18:30	272	18:52
2025 Mar 26 (Wed)	05:57	06:19	87	12:24	78S	18:30	273	18:52
2025 Mar 27 (Thu)	05:56	06:18	87	12:24	78S	18:31	273	18:52
2025 Mar 28 (Fri)	05:56	06:17	87	12:24	79S	18:31	274	18:52
2025 Mar 29 (Sat)	05:55	06:16	86	12:24	79S	18:31	274	18:52
2025 Mar 30 (Sun)	05:54	06:16	86	12:23	79S	18:31	274	18:52
2025 Mar 31 (Mon)	05:54	06:15	85	12:23	80S	18:31	275	18:53
2025 Apr 01 (Tue)	05:53	06:14	85	12:23	80S	18:31	275	18:53
2025 Apr 02 (Wed)	05:52	06:14	85	12:22	80S	18:31	276	18:53
2025 Apr 03 (Thu)	05:51	06:13	84	12:22	81S	18:31	276	18:53
2025 Apr 04 (Fri)	05:51	06:12	84	12:22	81S	18:32	276	18:53
2025 Apr 05 (Sat)	05:50	06:11	83	12:21	82S	18:32	277	18:53
2025 Apr 06 (Sun)	05:49	06:11	83	12:21	82S	18:32	277	18:54
2025 Apr 07 (Mon)	05:48	06:10	83	12:21	82S	18:32	278	18:54
2025 Apr 08 (Tue)	05:48	06:09	82	12:21	83S	18:32	278	18:54
2025 Apr 09 (Wed)	05:47	06:09	82	12:20	83S	18:32	278	18:54
2025 Apr 10 (Thu)	05:46	06:08	82	12:20	83S	18:32	279	18:54
2025 Apr 11 (Fri)	05:46	06:07	81	12:20	84S	18:33	279	18:54
2025 Apr 12 (Sat)	05:45	06:07	81	12:20	84S	18:33	279	18:55
2025 Apr 13 (Sun)	05:44	06:06	80	12:19	85S	18:33	280	18:55
2025 Apr 14 (Mon)	05:43	06:05	80	12:19	85S	18:33	280	18:55
2025 Apr 15 (Tue)	05:43	06:05	80	12:19	85S	18:33	281	18:55
2025 Apr 16 (Wed)	05:42	06:04	79	12:19	86S	18:33	281	18:55
2025 Apr 17 (Thu)	05:41	06:03	79	12:18	86S	18:34	281	18:56
2025 Apr 18 (Fri)	05:41	06:03	79	12:18	86S	18:34	282	18:56
2025 Apr 19 (Sat)	05:40	06:02	78	12:18	87S	18:34	282	18:56
2025 Apr 20 (Sun)	05:39	06:01	78	12:18	87S	18:34	282	18:56
2025 Apr 21 (Mon)	05:39	06:01	77	12:17	87S	18:34	283	18:56
2025 Apr 22 (Tue)	05:38	06:00	77	12:17	88S	18:35	283	18:57
2025 Apr 23 (Wed)	05:38	06:00	77	12:17	88S	18:35	283	18:57
2025 Apr 24 (Thu)	05:37	05:59	76	12:17	88S	18:35	284	18:57
2025 Apr 25 (Fri)	05:36	05:59	76	12:17	89S	18:35	284	18:57
2025 Apr 26 (Sat)	05:36	05:58	76	12:17	89S	18:35	284	18:58
2025 Apr 27 (Sun)	05:35	05:57	75	12:16	89S	18:36	285	18:58
2025 Apr 28 (Mon)	05:35	05:57	75	12:16	90S	18:36	285	18:58
2025 Apr 29 (Tue)	05:34	05:56	75	12:16	90S	18:36	285	18:58
2025 Apr 30 (Wed)	05:34	05:56	74	12:16	90S	18:36	286	18:59
2025 May 01 (Thu)	05:33	05:55	74	12:16	91S	18:37	286	18:59
2025 May 02 (Fri)	05:33	05:55	74	12:16	91N	18:37	286	18:59
2025 May 03 (Sat)	05:32	05:55	73	12:16	90N	18:37	287	18:59
2025 May 04 (Sun)	05:32	05:54	73	12:16	90N	18:37	287	19:00
2025 May 05 (Mon)	05:31	05:54	73	12:15	90N	18:38	287	19:00
2025 May 06 (Tue)	05:31	05:53	73	12:15	89N	18:38	288	19:00
2025 May 07 (Wed)	05:30	05:53	72	12:15	89N	18:38	288	19:01
2025 May 08 (Thu)	05:30	05:52	72	12:15	89N	18:38	288	19:01
2025 May 09 (Fri)	05:29	05:52	72	12:15	89N	18:39	288	19:01
2025 May 10 (Sat)	05:29	05:52	71	12:15	88N	18:39	289	19:02
2025 May 11 (Sun)	05:29	05:51	71	12:15	88N	18:39	289	19:02
2025 May 12 (Mon)	05:28	05:51	71	12:15	88N	18:39	289	19:02
2025 May 13 (Tue)	05:28	05:51	71	12:15	88N	18:40	289	19:03
2025 May 14 (Wed)	05:27	05:50	70	12:15	87N	18:40	290	19:03
2025 May 15 (Thu)	05:27	05:50	70	12:15	87N	18:40	290	19:03
2025 May 16 (Fri)	05:27	05:50	70	12:15	87N	18:41	290	19:04
2025 May 17 (Sat)	05:27	05:50	70	12:15	87N	18:41	290	19:04
2025 May 18 (Sun)	05:26	05:49	69	12:15	86N	18:41	291	19:04
2025 May 19 (Mon)	05:26	05:49	69	12:15	86N	18:42	291	19:05
2025 May 20 (Tue)	05:26	05:49	69	12:15	86N	18:42	291	19:05
2025 May 21 (Wed)	05:26	05:49	69	12:15	86N	18:42	291	19:05
2025 May 22 (Thu)	05:25	05:48	69	12:15	86N	18:43	292	19:06
2025 May 23 (Fri)	05:25	05:48	68	12:16	85N	18:43	292	19:06
2025 May 24 (Sat)	05:25	05:48	68	12:16	85N	18:43	292	19:07
2025 May 25 (Sun)	05:25	05:48	68	12:16	85N	18:44	292	19:07
2025 May 26 (Mon)	05:25	05:48	68	12:16	85N	18:44	292	19:07

2025	May	27	(Tue)	05:24	05:48	68	12:16	85N	18:44	292	19:08
2025	May	28	(Wed)	05:24	05:48	67	12:16	84N	18:45	293	19:08
2025	May	29	(Thu)	05:24	05:48	67	12:16	84N	18:45	293	19:08
2025	May	30	(Fri)	05:24	05:48	67	12:16	84N	18:45	293	19:09
2025	May	31	(Sat)	05:24	05:48	67	12:16	84N	18:46	293	19:09
2025	Jun	01	(Sun)	05:24	05:47	67	12:17	84N	18:46	293	19:09
2025	Jun	02	(Mon)	05:24	05:47	67	12:17	84N	18:46	293	19:10
2025	Jun	03	(Tue)	05:24	05:47	67	12:17	84N	18:47	293	19:10
2025	Jun	04	(Wed)	05:24	05:47	66	12:17	84N	18:47	294	19:10
2025	Jun	05	(Thu)	05:24	05:47	66	12:17	83N	18:47	294	19:11
2025	Jun	06	(Fri)	05:24	05:48	66	12:17	83N	18:48	294	19:11
2025	Jun	07	(Sat)	05:24	05:48	66	12:18	83N	18:48	294	19:11
2025	Jun	08	(Sun)	05:24	05:48	66	12:18	83N	18:48	294	19:12
2025	Jun	09	(Mon)	05:24	05:48	66	12:18	83N	18:48	294	19:12
2025	Jun	10	(Tue)	05:24	05:48	66	12:18	83N	18:49	294	19:12
2025	Jun	11	(Wed)	05:24	05:48	66	12:18	83N	18:49	294	19:13
2025	Jun	12	(Thu)	05:24	05:48	66	12:19	83N	18:49	294	19:13
2025	Jun	13	(Fri)	05:24	05:48	66	12:19	83N	18:50	294	19:13
2025	Jun	14	(Sat)	05:25	05:48	66	12:19	83N	18:50	294	19:14
2025	Jun	15	(Sun)	05:25	05:48	66	12:19	83N	18:50	294	19:14
2025	Jun	16	(Mon)	05:25	05:49	65	12:20	83N	18:50	295	19:14
2025	Jun	17	(Tue)	05:25	05:49	65	12:20	83N	18:51	295	19:14
2025	Jun	18	(Wed)	05:25	05:49	65	12:20	83N	18:51	295	19:15
2025	Jun	19	(Thu)	05:25	05:49	65	12:20	83N	18:51	295	19:15
2025	Jun	20	(Fri)	05:26	05:49	65	12:20	83N	18:51	295	19:15
2025	Jun	21	(Sat)	05:26	05:50	65	12:21	83N	18:52	295	19:15
2025	Jun	22	(Sun)	05:26	05:50	65	12:21	83N	18:52	295	19:16
2025	Jun	23	(Mon)	05:26	05:50	65	12:21	83N	18:52	295	19:16
2025	Jun	24	(Tue)	05:27	05:50	65	12:21	83N	18:52	295	19:16
2025	Jun	25	(Wed)	05:27	05:51	65	12:21	83N	18:52	295	19:16
2025	Jun	26	(Thu)	05:27	05:51	65	12:22	83N	18:53	294	19:16
2025	Jun	27	(Fri)	05:27	05:51	66	12:22	83N	18:53	294	19:16
2025	Jun	28	(Sat)	05:28	05:51	66	12:22	83N	18:53	294	19:17
2025	Jun	29	(Sun)	05:28	05:52	66	12:22	83N	18:53	294	19:17
2025	Jun	30	(Mon)	05:28	05:52	66	12:23	83N	18:53	294	19:17
2025	Jul	01	(Tue)	05:28	05:52	66	12:23	83N	18:53	294	19:17
2025	Jul	02	(Wed)	05:29	05:52	66	12:23	83N	18:53	294	19:17
2025	Jul	03	(Thu)	05:29	05:53	66	12:23	83N	18:53	294	19:17
2025	Jul	04	(Fri)	05:29	05:53	66	12:23	83N	18:53	294	19:17
2025	Jul	05	(Sat)	05:30	05:53	66	12:23	83N	18:54	294	19:17
2025	Jul	06	(Sun)	05:30	05:54	66	12:24	83N	18:54	294	19:17
2025	Jul	07	(Mon)	05:30	05:54	66	12:24	83N	18:54	294	19:17
2025	Jul	08	(Tue)	05:31	05:54	66	12:24	84N	18:54	294	19:17
2025	Jul	09	(Wed)	05:31	05:55	67	12:24	84N	18:54	293	19:17
2025	Jul	10	(Thu)	05:31	05:55	67	12:24	84N	18:54	293	19:17
2025	Jul	11	(Fri)	05:32	05:55	67	12:24	84N	18:54	293	19:17
2025	Jul	12	(Sat)	05:32	05:55	67	12:24	84N	18:53	293	19:17
2025	Jul	13	(Sun)	05:32	05:56	67	12:25	84N	18:53	293	19:17
2025	Jul	14	(Mon)	05:33	05:56	67	12:25	84N	18:53	293	19:17
2025	Jul	15	(Tue)	05:33	05:56	67	12:25	85N	18:53	293	19:17
2025	Jul	16	(Wed)	05:33	05:57	68	12:25	85N	18:53	292	19:16
2025	Jul	17	(Thu)	05:34	05:57	68	12:25	85N	18:53	292	19:16
2025	Jul	18	(Fri)	05:34	05:57	68	12:25	85N	18:53	292	19:16
2025	Jul	19	(Sat)	05:34	05:58	68	12:25	85N	18:53	292	19:16
2025	Jul	20	(Sun)	05:35	05:58	68	12:25	85N	18:52	292	19:16
2025	Jul	21	(Mon)	05:35	05:58	69	12:25	86N	18:52	291	19:15
2025	Jul	22	(Tue)	05:35	05:58	69	12:25	86N	18:52	291	19:15
2025	Jul	23	(Wed)	05:36	05:59	69	12:25	86N	18:52	291	19:15
2025	Jul	24	(Thu)	05:36	05:59	69	12:25	86N	18:52	291	19:15
2025	Jul	25	(Fri)	05:36	05:59	69	12:25	86N	18:51	291	19:14
2025	Jul	26	(Sat)	05:37	06:00	70	12:25	87N	18:51	290	19:14
2025	Jul	27	(Sun)	05:37	06:00	70	12:25	87N	18:51	290	19:14
2025	Jul	28	(Mon)	05:37	06:00	70	12:25	87N	18:50	290	19:13
2025	Jul	29	(Tue)	05:38	06:00	70	12:25	87N	18:50	290	19:13
2025	Jul	30	(Wed)	05:38	06:01	71	12:25	88N	18:50	289	19:13
2025	Jul	31	(Thu)	05:38	06:01	71	12:25	88N	18:49	289	19:12
2025	Aug	01	(Fri)	05:38	06:01	71	12:25	88N	18:49	289	19:12

2025 Aug 02 (Sat)	05:39	06:01	71	12:25 88N	18:49 289	19:11
2025 Aug 03 (Sun)	05:39	06:02	72	12:25 89N	18:48 288	19:11
2025 Aug 04 (Mon)	05:39	06:02	72	12:25 89N	18:48 288	19:10
2025 Aug 05 (Tue)	05:40	06:02	72	12:25 89N	18:47 288	19:10
2025 Aug 06 (Wed)	05:40	06:02	72	12:25 89N	18:47 287	19:09
2025 Aug 07 (Thu)	05:40	06:03	73	12:25 90N	18:46 287	19:09
2025 Aug 08 (Fri)	05:40	06:03	73	12:24 90N	18:46 287	19:08
2025 Aug 09 (Sat)	05:41	06:03	73	12:24 90N	18:45 287	19:08
2025 Aug 10 (Sun)	05:41	06:03	74	12:24 91N	18:45 286	19:07
2025 Aug 11 (Mon)	05:41	06:03	74	12:24 91S	18:44 286	19:07
2025 Aug 12 (Tue)	05:41	06:04	74	12:24 90S	18:44 286	19:06
2025 Aug 13 (Wed)	05:41	06:04	75	12:24 90S	18:43 285	19:06
2025 Aug 14 (Thu)	05:42	06:04	75	12:24 90S	18:43 285	19:05
2025 Aug 15 (Fri)	05:42	06:04	75	12:23 89S	18:42 285	19:05
2025 Aug 16 (Sat)	05:42	06:04	76	12:23 89S	18:42 284	19:04
2025 Aug 17 (Sun)	05:42	06:04	76	12:23 89S	18:41 284	19:03
2025 Aug 18 (Mon)	05:42	06:05	76	12:23 88S	18:41 284	19:03
2025 Aug 19 (Tue)	05:43	06:05	77	12:22 88S	18:40 283	19:02
2025 Aug 20 (Wed)	05:43	06:05	77	12:22 88S	18:39 283	19:01
2025 Aug 21 (Thu)	05:43	06:05	77	12:22 87S	18:39 283	19:01
2025 Aug 22 (Fri)	05:43	06:05	78	12:22 87S	18:38 282	19:00
2025 Aug 23 (Sat)	05:43	06:05	78	12:21 87S	18:37 282	18:59
2025 Aug 24 (Sun)	05:44	06:05	78	12:21 86S	18:37 282	18:59
2025 Aug 25 (Mon)	05:44	06:06	79	12:21 86S	18:36 281	18:58
2025 Aug 26 (Tue)	05:44	06:06	79	12:21 86S	18:35 281	18:57
2025 Aug 27 (Wed)	05:44	06:06	79	12:20 85S	18:35 280	18:57
2025 Aug 28 (Thu)	05:44	06:06	80	12:20 85S	18:34 280	18:56
2025 Aug 29 (Fri)	05:44	06:06	80	12:20 85S	18:33 280	18:55
2025 Aug 30 (Sat)	05:44	06:06	80	12:19 84S	18:33 279	18:54
2025 Aug 31 (Sun)	05:44	06:06	81	12:19 84S	18:32 279	18:54
2025 Sep 01 (Mon)	05:45	06:06	81	12:19 84S	18:31 279	18:53
2025 Sep 02 (Tue)	05:45	06:06	82	12:19 83S	18:30 278	18:52
2025 Sep 03 (Wed)	05:45	06:07	82	12:18 83S	18:30 278	18:51
2025 Sep 04 (Thu)	05:45	06:07	82	12:18 83S	18:29 277	18:51
2025 Sep 05 (Fri)	05:45	06:07	83	12:18 82S	18:28 277	18:50
2025 Sep 06 (Sat)	05:45	06:07	83	12:17 82S	18:27 277	18:49
2025 Sep 07 (Sun)	05:45	06:07	83	12:17 81S	18:27 276	18:48
2025 Sep 08 (Mon)	05:45	06:07	84	12:17 81S	18:26 276	18:47
2025 Sep 09 (Tue)	05:45	06:07	84	12:16 81S	18:25 276	18:47
2025 Sep 10 (Wed)	05:45	06:07	85	12:16 80S	18:24 275	18:46
2025 Sep 11 (Thu)	05:46	06:07	85	12:15 80S	18:24 275	18:45
2025 Sep 12 (Fri)	05:46	06:07	85	12:15 79S	18:23 274	18:44
2025 Sep 13 (Sat)	05:46	06:07	86	12:15 79S	18:22 274	18:44
2025 Sep 14 (Sun)	05:46	06:07	86	12:14 79S	18:21 274	18:43
2025 Sep 15 (Mon)	05:46	06:07	87	12:14 78S	18:20 273	18:42
2025 Sep 16 (Tue)	05:46	06:07	87	12:14 78S	18:20 273	18:41
2025 Sep 17 (Wed)	05:46	06:08	87	12:13 78S	18:19 272	18:40
2025 Sep 18 (Thu)	05:46	06:08	88	12:13 77S	18:18 272	18:40
2025 Sep 19 (Fri)	05:46	06:08	88	12:13 77S	18:17 272	18:39
2025 Sep 20 (Sat)	05:46	06:08	89	12:12 76S	18:17 271	18:38
2025 Sep 21 (Sun)	05:46	06:08	89	12:12 76S	18:16 271	18:37
2025 Sep 22 (Mon)	05:46	06:08	89	12:12 76S	18:15 270	18:36
2025 Sep 23 (Tue)	05:46	06:08	90	12:11 75S	18:14 270	18:36
2025 Sep 24 (Wed)	05:47	06:08	90	12:11 75S	18:13 270	18:35
2025 Sep 25 (Thu)	05:47	06:08	91	12:11 74S	18:13 269	18:34
2025 Sep 26 (Fri)	05:47	06:08	91	12:10 74S	18:12 269	18:33
2025 Sep 27 (Sat)	05:47	06:08	91	12:10 74S	18:11 268	18:33
2025 Sep 28 (Sun)	05:47	06:08	92	12:09 73S	18:10 268	18:32
2025 Sep 29 (Mon)	05:47	06:08	92	12:09 73S	18:10 268	18:31
2025 Sep 30 (Tue)	05:47	06:09	93	12:09 73S	18:09 267	18:30
2025 Oct 01 (Wed)	05:47	06:09	93	12:08 72S	18:08 267	18:30
2025 Oct 02 (Thu)	05:47	06:09	93	12:08 72S	18:07 266	18:29
2025 Oct 03 (Fri)	05:47	06:09	94	12:08 71S	18:07 266	18:28
2025 Oct 04 (Sat)	05:47	06:09	94	12:08 71S	18:06 266	18:27
2025 Oct 05 (Sun)	05:48	06:09	95	12:07 71S	18:05 265	18:27
2025 Oct 06 (Mon)	05:48	06:09	95	12:07 70S	18:05 265	18:26
2025 Oct 07 (Tue)	05:48	06:09	95	12:07 70S	18:04 264	18:25

2025	Oct	08	(Wed)	05:48	06:09	96	12:06	69S	18:03	264	18:25
2025	Oct	09	(Thu)	05:48	06:10	96	12:06	69S	18:02	264	18:24
2025	Oct	10	(Fri)	05:48	06:10	97	12:06	69S	18:02	263	18:23
2025	Oct	11	(Sat)	05:48	06:10	97	12:06	68S	18:01	263	18:23
2025	Oct	12	(Sun)	05:48	06:10	97	12:05	68S	18:00	262	18:22
2025	Oct	13	(Mon)	05:49	06:10	98	12:05	68S	18:00	262	18:21
2025	Oct	14	(Tue)	05:49	06:10	98	12:05	67S	17:59	262	18:21
2025	Oct	15	(Wed)	05:49	06:11	99	12:05	67S	17:58	261	18:20
2025	Oct	16	(Thu)	05:49	06:11	99	12:04	66S	17:58	261	18:19
2025	Oct	17	(Fri)	05:49	06:11	99	12:04	66S	17:57	260	18:19
2025	Oct	18	(Sat)	05:49	06:11	100	12:04	66S	17:57	260	18:18
2025	Oct	19	(Sun)	05:50	06:11	100	12:04	65S	17:56	260	18:18
2025	Oct	20	(Mon)	05:50	06:12	100	12:04	65S	17:55	259	18:17
2025	Oct	21	(Tue)	05:50	06:12	101	12:03	65S	17:55	259	18:17
2025	Oct	22	(Wed)	05:50	06:12	101	12:03	64S	17:54	259	18:16
2025	Oct	23	(Thu)	05:50	06:12	102	12:03	64S	17:54	258	18:16
2025	Oct	24	(Fri)	05:51	06:13	102	12:03	64S	17:53	258	18:15
2025	Oct	25	(Sat)	05:51	06:13	102	12:03	63S	17:53	258	18:15
2025	Oct	26	(Sun)	05:51	06:13	103	12:03	63S	17:52	257	18:14
2025	Oct	27	(Mon)	05:51	06:13	103	12:03	63S	17:52	257	18:14
2025	Oct	28	(Tue)	05:52	06:14	103	12:03	62S	17:51	256	18:13
2025	Oct	29	(Wed)	05:52	06:14	104	12:03	62S	17:51	256	18:13
2025	Oct	30	(Thu)	05:52	06:14	104	12:02	62S	17:50	256	18:12
2025	Oct	31	(Fri)	05:53	06:15	104	12:02	61S	17:50	255	18:12
2025	Nov	01	(Sat)	05:53	06:15	105	12:02	61S	17:50	255	18:12
2025	Nov	02	(Sun)	05:53	06:15	105	12:02	61S	17:49	255	18:11
2025	Nov	03	(Mon)	05:54	06:16	105	12:02	60S	17:49	254	18:11
2025	Nov	04	(Tue)	05:54	06:16	106	12:02	60S	17:49	254	18:11
2025	Nov	05	(Wed)	05:54	06:16	106	12:02	60S	17:48	254	18:10
2025	Nov	06	(Thu)	05:55	06:17	106	12:02	59S	17:48	254	18:10
2025	Nov	07	(Fri)	05:55	06:17	107	12:02	59S	17:48	253	18:10
2025	Nov	08	(Sat)	05:55	06:18	107	12:03	59S	17:47	253	18:10
2025	Nov	09	(Sun)	05:56	06:18	107	12:03	58S	17:47	253	18:09
2025	Nov	10	(Mon)	05:56	06:18	108	12:03	58S	17:47	252	18:09
2025	Nov	11	(Tue)	05:56	06:19	108	12:03	58S	17:47	252	18:09
2025	Nov	12	(Wed)	05:57	06:19	108	12:03	58S	17:46	252	18:09
2025	Nov	13	(Thu)	05:57	06:20	108	12:03	57S	17:46	251	18:09
2025	Nov	14	(Fri)	05:58	06:20	109	12:03	57S	17:46	251	18:09
2025	Nov	15	(Sat)	05:58	06:21	109	12:03	57S	17:46	251	18:09
2025	Nov	16	(Sun)	05:59	06:21	109	12:04	57S	17:46	251	18:08
2025	Nov	17	(Mon)	05:59	06:22	109	12:04	56S	17:46	250	18:08
2025	Nov	18	(Tue)	05:59	06:22	110	12:04	56S	17:46	250	18:08
2025	Nov	19	(Wed)	06:00	06:23	110	12:04	56S	17:46	250	18:08
2025	Nov	20	(Thu)	06:00	06:23	110	12:04	56S	17:46	250	18:08
2025	Nov	21	(Fri)	06:01	06:24	110	12:05	55S	17:46	249	18:08
2025	Nov	22	(Sat)	06:01	06:24	111	12:05	55S	17:46	249	18:08
2025	Nov	23	(Sun)	06:02	06:25	111	12:05	55S	17:46	249	18:08
2025	Nov	24	(Mon)	06:02	06:25	111	12:05	55S	17:46	249	18:08
2025	Nov	25	(Tue)	06:03	06:26	111	12:06	55S	17:46	249	18:09
2025	Nov	26	(Wed)	06:03	06:26	112	12:06	54S	17:46	248	18:09
2025	Nov	27	(Thu)	06:04	06:27	112	12:06	54S	17:46	248	18:09
2025	Nov	28	(Fri)	06:04	06:27	112	12:07	54S	17:46	248	18:09
2025	Nov	29	(Sat)	06:05	06:28	112	12:07	54S	17:46	248	18:09
2025	Nov	30	(Sun)	06:05	06:29	112	12:07	54S	17:46	248	18:09
2025	Dec	01	(Mon)	06:06	06:29	112	12:08	54S	17:46	248	18:10
2025	Dec	02	(Tue)	06:07	06:30	113	12:08	53S	17:47	247	18:10
2025	Dec	03	(Wed)	06:07	06:30	113	12:09	53S	17:47	247	18:10
2025	Dec	04	(Thu)	06:08	06:31	113	12:09	53S	17:47	247	18:10
2025	Dec	05	(Fri)	06:08	06:31	113	12:09	53S	17:47	247	18:10
2025	Dec	06	(Sat)	06:09	06:32	113	12:10	53S	17:48	247	18:11
2025	Dec	07	(Sun)	06:09	06:32	113	12:10	53S	17:48	247	18:11
2025	Dec	08	(Mon)	06:10	06:33	113	12:11	53S	17:48	247	18:11
2025	Dec	09	(Tue)	06:10	06:34	113	12:11	53S	17:49	246	18:12
2025	Dec	10	(Wed)	06:11	06:34	114	12:12	52S	17:49	246	18:12
2025	Dec	11	(Thu)	06:11	06:35	114	12:12	52S	17:49	246	18:12
2025	Dec	12	(Fri)	06:12	06:35	114	12:12	52S	17:50	246	18:13
2025	Dec	13	(Sat)	06:13	06:36	114	12:13	52S	17:50	246	18:13

2025	Dec 14	(Sun)	06:13	06:36	114	12:13	52S	17:50	246	18:14
2025	Dec 15	(Mon)	06:14	06:37	114	12:14	52S	17:51	246	18:14
2025	Dec 16	(Tue)	06:14	06:38	114	12:14	52S	17:51	246	18:15
2025	Dec 17	(Wed)	06:15	06:38	114	12:15	52S	17:52	246	18:15
2025	Dec 18	(Thu)	06:15	06:39	114	12:15	52S	17:52	246	18:15
2025	Dec 19	(Fri)	06:16	06:39	114	12:16	52S	17:53	246	18:16
2025	Dec 20	(Sat)	06:16	06:40	114	12:16	52S	17:53	246	18:16
2025	Dec 21	(Sun)	06:17	06:40	114	12:17	52S	17:54	246	18:17
2025	Dec 22	(Mon)	06:17	06:41	114	12:17	52S	17:54	246	18:17
2025	Dec 23	(Tue)	06:18	06:41	114	12:18	52S	17:55	246	18:18
2025	Dec 24	(Wed)	06:18	06:42	114	12:18	52S	17:55	246	18:18
2025	Dec 25	(Thu)	06:19	06:42	114	12:19	52S	17:56	246	18:19
2025	Dec 26	(Fri)	06:19	06:43	114	12:19	52S	17:56	246	18:19
2025	Dec 27	(Sat)	06:20	06:43	114	12:20	52S	17:57	246	18:20
2025	Dec 28	(Sun)	06:20	06:43	114	12:20	52S	17:57	246	18:21
2025	Dec 29	(Mon)	06:21	06:44	114	12:21	52S	17:58	246	18:21
2025	Dec 30	(Tue)	06:21	06:44	114	12:21	52S	17:58	246	18:22
2025	Dec 31	(Wed)	06:21	06:45	114	12:22	52S	17:59	246	18:22

Moon

VTMI

Location: E100°18'00.0", N15°17'00.0", 107m
(Longitude referred to Greenwich meridian)

Time Zone: 7h 00m east of Greenwich

Date (Zone)	Rise	Az.	Transit	Alt.	Set	Az.
	h	m	°	h	m	°
2025 Jan 01 (Wed)	07:55	117	13:37	50S	19:21	245
2025 Jan 02 (Thu)	08:45	113	14:31	54S	20:21	249
2025 Jan 03 (Fri)	09:31	108	15:23	59S	21:18	255
2025 Jan 04 (Sat)	10:13	101	16:12	66S	22:14	262
2025 Jan 05 (Sun)	10:53	94	16:59	73S	23:09	269
2025 Jan 06 (Mon)	11:32	87	17:46	80S		
2025 Jan 07 (Tue)	12:12	80	18:35	86S	00:05	276
2025 Jan 08 (Wed)	12:55	74	19:25	89N	01:01	283
2025 Jan 09 (Thu)	13:41	68	20:20	83N	02:00	289
2025 Jan 10 (Fri)	14:33	64	21:18	80N	03:02	294
2025 Jan 11 (Sat)	15:30	61	22:19	78N	04:05	298
2025 Jan 12 (Sun)	16:30	60	23:20	78N	05:09	300
2025 Jan 13 (Mon)	17:32	62			06:09	299
2025 Jan 14 (Tue)	18:33	65	00:20	79N	07:04	297
2025 Jan 15 (Wed)	19:30	70	01:15	83N	07:53	293
2025 Jan 16 (Thu)	20:23	75	02:05	88N	08:36	288
2025 Jan 17 (Fri)	21:13	81	02:51	88S	09:14	282
2025 Jan 18 (Sat)	22:01	87	03:33	83S	09:50	276
2025 Jan 19 (Sun)	22:47	93	04:13	77S	10:23	270
2025 Jan 20 (Mon)	23:33	99	04:53	71S	10:56	264
2025 Jan 21 (Tue)			05:32	65S	11:29	258
2025 Jan 22 (Wed)	00:19	105	06:13	60S	12:04	253
2025 Jan 23 (Thu)	01:08	110	06:57	55S	12:43	248
2025 Jan 24 (Fri)	02:00	114	07:43	51S	13:25	244
2025 Jan 25 (Sat)	02:54	117	08:34	48S	14:13	242
2025 Jan 26 (Sun)	03:50	119	09:29	46S	15:07	240
2025 Jan 27 (Mon)	04:48	120	10:26	46S	16:05	241
2025 Jan 28 (Tue)	05:43	118	11:24	48S	17:06	243
2025 Jan 29 (Wed)	06:36	115	12:20	52S	18:07	247
2025 Jan 30 (Thu)	07:24	110	13:14	57S	19:08	253
2025 Jan 31 (Fri)	08:09	104	14:06	63S	20:06	260
2025 Feb 01 (Sat)	08:51	97	14:55	70S	21:03	267
2025 Feb 02 (Sun)	09:31	89	15:43	78S	21:59	274
2025 Feb 03 (Mon)	10:12	82	16:32	85S	22:56	281
2025 Feb 04 (Tue)	10:54	75	17:22	90N	23:55	288
2025 Feb 05 (Wed)	11:39	69	18:15	85N		
2025 Feb 06 (Thu)	12:28	65	19:12	80N	00:56	293

2025 Feb 07 (Fri)	13:23	62	20:11	78N	01:58	297
2025 Feb 08 (Sat)	14:21	60	21:11	77N	03:00	299
2025 Feb 09 (Sun)	15:21	61	22:10	78N	04:01	300
2025 Feb 10 (Mon)	16:22	64	23:06	81N	04:57	298
2025 Feb 11 (Tue)	17:19	68	23:57	85N	05:47	294
2025 Feb 12 (Wed)	18:14	73			06:31	290
2025 Feb 13 (Thu)	19:05	78	00:44	91N	07:11	284
2025 Feb 14 (Fri)	19:53	84	01:28	85S	07:47	279
2025 Feb 15 (Sat)	20:40	91	02:09	79S	08:21	272
2025 Feb 16 (Sun)	21:26	97	02:48	73S	08:54	266
2025 Feb 17 (Mon)	22:12	103	03:28	67S	09:27	260
2025 Feb 18 (Tue)	23:00	108	04:08	62S	10:01	255
2025 Feb 19 (Wed)	23:50	113	04:50	57S	10:38	250
2025 Feb 20 (Thu)			05:35	52S	11:18	246
2025 Feb 21 (Fri)	00:43	116	06:24	49S	12:04	242
2025 Feb 22 (Sat)	01:37	119	07:16	47S	12:54	241
2025 Feb 23 (Sun)	02:33	120	08:11	46S	13:49	240
2025 Feb 24 (Mon)	03:29	119	09:08	47S	14:48	242
2025 Feb 25 (Tue)	04:22	117	10:04	50S	15:49	245
2025 Feb 26 (Wed)	05:13	113	11:00	54S	16:50	250
2025 Feb 27 (Thu)	05:59	107	11:53	60S	17:50	256
2025 Feb 28 (Fri)	06:43	100	12:44	67S	18:49	263
2025 Mar 01 (Sat)	07:25	93	13:34	74S	19:47	271
2025 Mar 02 (Sun)	08:07	85	14:24	82S	20:46	279
2025 Mar 03 (Mon)	08:50	78	15:16	89S	21:46	286
2025 Mar 04 (Tue)	09:35	71	16:09	86N	22:48	292
2025 Mar 05 (Wed)	10:24	66	17:06	81N	23:51	296
2025 Mar 06 (Thu)	11:18	62	18:05	78N		
2025 Mar 07 (Fri)	12:16	60	19:06	77N	00:55	299
2025 Mar 08 (Sat)	13:16	60	20:05	78N	01:56	300
2025 Mar 09 (Sun)	14:15	62	21:01	80N	02:53	299
2025 Mar 10 (Mon)	15:13	66	21:53	84N	03:44	296
2025 Mar 11 (Tue)	16:08	71	22:41	89N	04:29	292
2025 Mar 12 (Wed)	16:59	76	23:25	87S	05:10	286
2025 Mar 13 (Thu)	17:48	82			05:47	281
2025 Mar 14 (Fri)	18:35	88	00:06	81S	06:21	275
2025 Mar 15 (Sat)	19:21	95	00:46	75S	06:54	269
2025 Mar 16 (Sun)	20:07	101	01:25	69S	07:27	262
2025 Mar 17 (Mon)	20:54	106	02:05	64S	08:00	257
2025 Mar 18 (Tue)	21:43	111	02:47	58S	08:36	252
2025 Mar 19 (Wed)	22:35	115	03:30	54S	09:15	247
2025 Mar 20 (Thu)	23:28	118	04:17	50S	09:58	243
2025 Mar 21 (Fri)			05:07	47S	10:45	241
2025 Mar 22 (Sat)	00:23	120	06:00	46S	11:37	240
2025 Mar 23 (Sun)	01:17	120	06:55	46S	12:33	241
2025 Mar 24 (Mon)	02:10	118	07:50	48S	13:32	243
2025 Mar 25 (Tue)	03:01	115	08:45	52S	14:31	247
2025 Mar 26 (Wed)	03:48	110	09:38	57S	15:31	253
2025 Mar 27 (Thu)	04:32	104	10:29	63S	16:29	260
2025 Mar 28 (Fri)	05:15	97	11:19	70S	17:28	267
2025 Mar 29 (Sat)	05:57	89	12:10	78S	18:27	275
2025 Mar 30 (Sun)	06:40	81	13:02	86S	19:28	282
2025 Mar 31 (Mon)	07:25	74	13:56	89N	20:31	289
2025 Apr 01 (Tue)	08:15	68	14:54	83N	21:37	295
2025 Apr 02 (Wed)	09:09	63	15:55	79N	22:43	298
2025 Apr 03 (Thu)	10:07	61	16:57	77N	23:48	300
2025 Apr 04 (Fri)	11:08	60	17:58	77N		
2025 Apr 05 (Sat)	12:09	62	18:56	79N	00:47	299
2025 Apr 06 (Sun)	13:08	65	19:50	83N	01:41	297
2025 Apr 07 (Mon)	14:04	69	20:39	87N	02:29	293
2025 Apr 08 (Tue)	14:56	74	21:24	89S	03:10	288
2025 Apr 09 (Wed)	15:45	80	22:05	83S	03:48	283
2025 Apr 10 (Thu)	16:32	86	22:45	77S	04:22	277
2025 Apr 11 (Fri)	17:18	93	23:25	71S	04:55	271
2025 Apr 12 (Sat)	18:04	99			05:28	265
2025 Apr 13 (Sun)	18:51	104	00:04	65S	06:01	259
2025 Apr 14 (Mon)	19:39	109	00:45	60S	06:36	253

2025 Apr 15 (Tue)	20:30 114	01:28 55S	07:14 248
2025 Apr 16 (Wed)	21:22 117	02:14 51S	07:56 245
2025 Apr 17 (Thu)	22:16 119	03:02 48S	08:41 242
2025 Apr 18 (Fri)	23:10 120	03:54 46S	09:31 240
2025 Apr 19 (Sat)		04:47 46S	10:25 240
2025 Apr 20 (Sun)	00:03 119	05:42 48S	11:22 242
2025 Apr 21 (Mon)	00:53 116	06:35 50S	12:19 246
2025 Apr 22 (Tue)	01:40 112	07:27 55S	13:17 250
2025 Apr 23 (Wed)	02:24 107	08:17 60S	14:14 256
2025 Apr 24 (Thu)	03:06 100	09:06 67S	15:10 263
2025 Apr 25 (Fri)	03:47 93	09:55 74S	16:08 271
2025 Apr 26 (Sat)	04:28 85	10:45 82S	17:07 278
2025 Apr 27 (Sun)	05:12 78	11:38 89S	18:09 286
2025 Apr 28 (Mon)	06:00 71	12:35 86N	19:14 292
2025 Apr 29 (Tue)	06:53 66	13:36 81N	20:22 297
2025 Apr 30 (Wed)	07:51 62	14:40 78N	21:30 299
2025 May 01 (Thu)	08:53 60	15:44 77N	22:35 300
2025 May 02 (Fri)	09:57 61	16:46 78N	23:33 298
2025 May 03 (Sat)	10:59 64	17:43 81N	
2025 May 04 (Sun)	11:58 68	18:35 86N	00:24 294
2025 May 05 (Mon)	12:52 73	19:22 91S	01:09 290
2025 May 06 (Tue)	13:42 78	20:05 85S	01:48 284
2025 May 07 (Wed)	14:30 85	20:45 79S	02:24 278
2025 May 08 (Thu)	15:16 91	21:24 73S	02:57 272
2025 May 09 (Fri)	16:01 97	22:04 67S	03:30 266
2025 May 10 (Sat)	16:48 102	22:44 62S	04:03 260
2025 May 11 (Sun)	17:35 108	23:26 57S	04:37 255
2025 May 12 (Mon)	18:25 112		05:14 250
2025 May 13 (Tue)	19:17 116	00:11 52S	05:54 246
2025 May 14 (Wed)	20:11 119	00:59 49S	06:39 243
2025 May 15 (Thu)	21:06 120	01:50 47S	07:28 241
2025 May 16 (Fri)	21:59 119	02:43 46S	08:21 240
2025 May 17 (Sat)	22:49 117	03:37 47S	09:16 242
2025 May 18 (Sun)	23:36 113	04:30 50S	10:13 244
2025 May 19 (Mon)		05:21 53S	11:09 249
2025 May 20 (Tue)	00:20 109	06:11 58S	12:05 254
2025 May 21 (Wed)	01:01 103	06:59 64S	13:00 261
2025 May 22 (Thu)	01:41 96	07:46 71S	13:54 268
2025 May 23 (Fri)	02:21 89	08:34 78S	14:51 275
2025 May 24 (Sat)	03:02 81	09:24 85S	15:50 282
2025 May 25 (Sun)	03:47 74	10:17 89N	16:52 289
2025 May 26 (Mon)	04:36 68	11:15 84N	17:58 294
2025 May 27 (Tue)	05:32 64	12:18 79N	19:07 298
2025 May 28 (Wed)	06:33 61	13:24 77N	20:15 300
2025 May 29 (Thu)	07:38 61	14:29 78N	21:18 299
2025 May 30 (Fri)	08:43 62	15:30 80N	22:14 296
2025 May 31 (Sat)	09:45 66	16:26 84N	23:03 292
2025 Jun 01 (Sun)	10:43 71	17:16 89N	23:45 286
2025 Jun 02 (Mon)	11:36 77	18:01 87S	
2025 Jun 03 (Tue)	12:25 83	18:43 81S	00:23 280
2025 Jun 04 (Wed)	13:12 89	19:23 75S	00:57 274
2025 Jun 05 (Thu)	13:58 95	20:02 69S	01:31 268
2025 Jun 06 (Fri)	14:44 101	20:42 63S	02:03 262
2025 Jun 07 (Sat)	15:31 106	21:24 58S	02:37 257
2025 Jun 08 (Sun)	16:21 111	22:08 54S	03:13 252
2025 Jun 09 (Mon)	17:12 115	22:55 50S	03:52 247
2025 Jun 10 (Tue)	18:06 118	23:45 48S	04:36 244
2025 Jun 11 (Wed)	19:00 119		05:24 241
2025 Jun 12 (Thu)	19:54 119	00:38 46S	06:16 240
2025 Jun 13 (Fri)	20:46 118	01:32 47S	07:11 241
2025 Jun 14 (Sat)	21:35 114	02:26 49S	08:08 244
2025 Jun 15 (Sun)	22:19 110	03:19 52S	09:05 248
2025 Jun 16 (Mon)	23:01 104	04:08 57S	10:00 253
2025 Jun 17 (Tue)	23:40 98	04:56 63S	10:55 259
2025 Jun 18 (Wed)		05:42 69S	11:48 265
2025 Jun 19 (Thu)	00:19 91	06:29 76S	12:42 272
2025 Jun 20 (Fri)	00:58 84	07:16 83S	13:38 280

2025 Jun 21 (Sat)	01:40	77	08:06	90S	14:37	286
2025 Jun 22 (Sun)	02:25	71	09:01	86N	15:40	292
2025 Jun 23 (Mon)	03:17	66	10:00	81N	16:46	297
2025 Jun 24 (Tue)	04:14	62	11:03	78N	17:53	299
2025 Jun 25 (Wed)	05:17	61	12:08	77N	18:59	299
2025 Jun 26 (Thu)	06:23	61	13:12	79N	19:59	297
2025 Jun 27 (Fri)	07:27	64	14:11	82N	20:52	294
2025 Jun 28 (Sat)	08:28	69	15:05	87N	21:38	289
2025 Jun 29 (Sun)	09:24	74	15:53	89S	22:18	283
2025 Jun 30 (Mon)	10:16	80	16:38	83S	22:55	277
2025 Jul 01 (Tue)	11:05	86	17:19	77S	23:29	270
2025 Jul 02 (Wed)	11:52	93	17:59	71S		
2025 Jul 03 (Thu)	12:39	99	18:39	65S	00:02	264
2025 Jul 04 (Fri)	13:26	104	19:20	60S	00:36	259
2025 Jul 05 (Sat)	14:14	109	20:03	55S	01:11	253
2025 Jul 06 (Sun)	15:05	114	20:49	51S	01:49	248
2025 Jul 07 (Mon)	15:58	117	21:38	48S	02:31	245
2025 Jul 08 (Tue)	16:52	119	22:31	47S	03:17	242
2025 Jul 09 (Wed)	17:47	120	23:25	46S	04:09	240
2025 Jul 10 (Thu)	18:40	118			05:03	241
2025 Jul 11 (Fri)	19:31	116	00:20	48S	06:01	243
2025 Jul 12 (Sat)	20:17	111	01:13	51S	06:59	246
2025 Jul 13 (Sun)	21:00	106	02:05	55S	07:55	251
2025 Jul 14 (Mon)	21:41	100	02:54	61S	08:51	257
2025 Jul 15 (Tue)	22:19	93	03:41	67S	09:45	264
2025 Jul 16 (Wed)	22:58	86	04:27	74S	10:39	271
2025 Jul 17 (Thu)	23:38	79	05:14	81S	11:33	278
2025 Jul 18 (Fri)			06:02	88S	12:30	284
2025 Jul 19 (Sat)	00:21	73	06:54	88N	13:30	290
2025 Jul 20 (Sun)	01:09	67	07:49	83N	14:33	295
2025 Jul 21 (Mon)	02:03	63	08:49	79N	15:38	298
2025 Jul 22 (Tue)	03:02	61	09:52	77N	16:43	300
2025 Jul 23 (Wed)	04:06	61	10:56	78N	17:45	298
2025 Jul 24 (Thu)	05:10	63	11:56	80N	18:40	295
2025 Jul 25 (Fri)	06:12	67	12:52	84N	19:29	291
2025 Jul 26 (Sat)	07:11	72	13:43	90N	20:12	285
2025 Jul 27 (Sun)	08:05	78	14:30	86S	20:50	279
2025 Jul 28 (Mon)	08:56	84	15:13	80S	21:26	273
2025 Jul 29 (Tue)	09:44	90	15:54	73S	22:00	267
2025 Jul 30 (Wed)	10:32	96	16:34	67S	22:34	261
2025 Jul 31 (Thu)	11:19	102	17:15	62S	23:09	255
2025 Aug 01 (Fri)	12:07	108	17:57	57S	23:45	250
2025 Aug 02 (Sat)	12:57	112	18:42	52S		
2025 Aug 03 (Sun)	13:49	116	19:30	49S	00:26	246
2025 Aug 04 (Mon)	14:42	119	20:21	47S	01:10	243
2025 Aug 05 (Tue)	15:37	120	21:15	46S	01:59	241
2025 Aug 06 (Wed)	16:31	119	22:09	47S	02:52	240
2025 Aug 07 (Thu)	17:23	117	23:04	50S	03:49	242
2025 Aug 08 (Fri)	18:11	113	23:57	54S	04:47	245
2025 Aug 09 (Sat)	18:56	108			05:45	249
2025 Aug 10 (Sun)	19:38	102	00:48	59S	06:42	255
2025 Aug 11 (Mon)	20:18	95	01:36	65S	07:38	261
2025 Aug 12 (Tue)	20:58	88	02:24	72S	08:33	268
2025 Aug 13 (Wed)	21:38	81	03:11	79S	09:28	276
2025 Aug 14 (Thu)	22:20	74	03:59	86S	10:25	283
2025 Aug 15 (Fri)	23:06	68	04:50	89N	11:24	289
2025 Aug 16 (Sat)	23:58	64	05:44	84N	12:26	294
2025 Aug 17 (Sun)			06:43	80N	13:30	298
2025 Aug 18 (Mon)	00:54	61	07:44	78N	14:34	300
2025 Aug 19 (Tue)	01:55	60	08:46	77N	15:35	299
2025 Aug 20 (Wed)	02:58	62	09:46	79N	16:32	297
2025 Aug 21 (Thu)	04:00	65	10:43	83N	17:22	293
2025 Aug 22 (Fri)	04:59	69	11:35	87N	18:07	288
2025 Aug 23 (Sat)	05:55	75	12:22	88S	18:46	282
2025 Aug 24 (Sun)	06:47	81	13:07	82S	19:23	276
2025 Aug 25 (Mon)	07:36	88	13:49	76S	19:58	269
2025 Aug 26 (Tue)	08:24	94	14:29	70S	20:32	263

2025 Aug 27 (Wed)	09:11 100	15:10 64S	21:06 257
2025 Aug 28 (Thu)	09:59 106	15:52 59S	21:42 252
2025 Aug 29 (Fri)	10:48 111	16:36 54S	22:21 247
2025 Aug 30 (Sat)	11:39 115	17:22 50S	23:03 244
2025 Aug 31 (Sun)	12:32 118	18:11 48S	23:50 241
2025 Sep 01 (Mon)	13:26 120	19:04 46S	
2025 Sep 02 (Tue)	14:20 120	19:57 46S	00:41 240
2025 Sep 03 (Wed)	15:12 118	20:52 48S	01:36 241
2025 Sep 04 (Thu)	16:02 115	21:45 51S	02:33 243
2025 Sep 05 (Fri)	16:48 111	22:37 56S	03:31 247
2025 Sep 06 (Sat)	17:32 105	23:27 62S	04:28 252
2025 Sep 07 (Sun)	18:13 98		05:25 258
2025 Sep 08 (Mon)	18:53 91	00:15 69S	06:22 265
2025 Sep 09 (Tue)	19:34 84	01:04 76S	07:18 273
2025 Sep 10 (Wed)	20:17 77	01:53 83S	08:16 280
2025 Sep 11 (Thu)	21:03 70	02:44 90S	09:16 287
2025 Sep 12 (Fri)	21:54 65	03:39 85N	10:18 293
2025 Sep 13 (Sat)	22:49 62	04:37 81N	11:23 297
2025 Sep 14 (Sun)	23:49 60	05:38 78N	12:28 299
2025 Sep 15 (Mon)		06:40 77N	13:30 300
2025 Sep 16 (Tue)	00:51 61	07:40 78N	14:27 298
2025 Sep 17 (Wed)	01:53 64	08:37 81N	15:19 294
2025 Sep 18 (Thu)	02:52 68	09:30 86N	16:04 290
2025 Sep 19 (Fri)	03:48 73	10:18 91S	16:45 284
2025 Sep 20 (Sat)	04:40 79	11:03 85S	17:22 278
2025 Sep 21 (Sun)	05:30 85	11:45 78S	17:57 272
2025 Sep 22 (Mon)	06:18 91	12:26 72S	18:31 265
2025 Sep 23 (Tue)	07:05 98	13:06 66S	19:05 259
2025 Sep 24 (Wed)	07:53 104	13:48 61S	19:40 254
2025 Sep 25 (Thu)	08:41 109	14:31 56S	20:18 249
2025 Sep 26 (Fri)	09:32 113	15:16 52S	20:59 245
2025 Sep 27 (Sat)	10:24 117	16:04 49S	21:43 242
2025 Sep 28 (Sun)	11:17 119	16:55 47S	22:32 240
2025 Sep 29 (Mon)	12:10 120	17:47 46S	23:24 240
2025 Sep 30 (Tue)	13:02 119	18:40 47S	
2025 Oct 01 (Wed)	13:52 117	19:33 50S	00:19 242
2025 Oct 02 (Thu)	14:38 113	20:24 54S	01:16 245
2025 Oct 03 (Fri)	15:22 108	21:14 59S	02:13 249
2025 Oct 04 (Sat)	16:04 102	22:03 65S	03:09 255
2025 Oct 05 (Sun)	16:45 95	22:51 72S	04:05 262
2025 Oct 06 (Mon)	17:26 87	23:40 80S	05:02 269
2025 Oct 07 (Tue)	18:08 80		05:59 276
2025 Oct 08 (Wed)	18:54 73	00:32 87S	07:00 284
2025 Oct 09 (Thu)	19:44 67	01:27 88N	08:03 290
2025 Oct 10 (Fri)	20:40 63	02:25 82N	09:10 295
2025 Oct 11 (Sat)	21:41 61	03:27 79N	10:17 299
2025 Oct 12 (Sun)	22:44 61	04:31 77N	11:22 300
2025 Oct 13 (Mon)	23:47 63	05:34 78N	12:23 299
2025 Oct 14 (Tue)		06:33 80N	13:16 296
2025 Oct 15 (Wed)	00:47 66	07:27 84N	14:04 291
2025 Oct 16 (Thu)	01:44 71	08:16 89N	14:45 286
2025 Oct 17 (Fri)	02:37 77	09:02 86S	15:23 280
2025 Oct 18 (Sat)	03:26 83	09:44 80S	15:58 274
2025 Oct 19 (Sun)	04:14 89	10:25 74S	16:32 268
2025 Oct 20 (Mon)	05:01 96	11:05 68S	17:05 262
2025 Oct 21 (Tue)	05:48 102	11:46 63S	17:40 256
2025 Oct 22 (Wed)	06:36 107	12:28 57S	18:17 251
2025 Oct 23 (Thu)	07:26 112	13:12 53S	18:56 246
2025 Oct 24 (Fri)	08:17 116	13:59 50S	19:40 243
2025 Oct 25 (Sat)	09:10 118	14:49 47S	20:27 241
2025 Oct 26 (Sun)	10:03 120	15:40 46S	21:18 240
2025 Oct 27 (Mon)	10:55 119	16:33 47S	22:11 241
2025 Oct 28 (Tue)	11:44 118	17:24 49S	23:06 244
2025 Oct 29 (Wed)	12:31 115	18:15 52S	
2025 Oct 30 (Thu)	13:15 110	19:04 57S	00:01 247
2025 Oct 31 (Fri)	13:56 105	19:51 62S	00:55 252
2025 Nov 01 (Sat)	14:36 98	20:38 69S	01:50 258

2025 Nov 02 (Sun)	15:16 91	21:26 76S	02:44 265
2025 Nov 03 (Mon)	15:57 84	22:16 83S	03:40 273
2025 Nov 04 (Tue)	16:41 77	23:08 90S	04:39 280
2025 Nov 05 (Wed)	17:29 70		05:41 287
2025 Nov 06 (Thu)	18:24 65	00:06 85N	06:47 293
2025 Nov 07 (Fri)	19:24 62	01:08 80N	07:56 297
2025 Nov 08 (Sat)	20:29 61	02:14 78N	09:05 299
2025 Nov 09 (Sun)	21:35 62	03:20 78N	10:10 299
2025 Nov 10 (Mon)	22:39 65	04:23 79N	11:09 297
2025 Nov 11 (Tue)	23:38 70	05:21 83N	12:00 293
2025 Nov 12 (Wed)		06:13 88N	12:44 287
2025 Nov 13 (Thu)	00:33 75	07:00 88S	13:24 282
2025 Nov 14 (Fri)	01:24 81	07:43 82S	13:59 276
2025 Nov 15 (Sat)	02:12 88	08:24 76S	14:33 269
2025 Nov 16 (Sun)	02:59 94	09:04 70S	15:07 263
2025 Nov 17 (Mon)	03:46 100	09:45 64S	15:41 258
2025 Nov 18 (Tue)	04:33 105	10:26 59S	16:17 252
2025 Nov 19 (Wed)	05:22 110	11:10 54S	16:55 248
2025 Nov 20 (Thu)	06:13 114	11:56 51S	17:38 244
2025 Nov 21 (Fri)	07:05 117	12:45 48S	18:24 242
2025 Nov 22 (Sat)	07:58 119	13:36 47S	19:14 241
2025 Nov 23 (Sun)	08:51 119	14:28 47S	20:06 241
2025 Nov 24 (Mon)	09:41 118	15:20 48S	21:00 243
2025 Nov 25 (Tue)	10:28 116	16:10 51S	21:55 246
2025 Nov 26 (Wed)	11:12 112	16:59 55S	22:48 251
2025 Nov 27 (Thu)	11:53 107	17:45 60S	23:41 256
2025 Nov 28 (Fri)	12:32 101	18:31 66S	
2025 Nov 29 (Sat)	13:10 94	19:16 73S	00:33 263
2025 Nov 30 (Sun)	13:48 87	20:03 80S	01:26 269
2025 Dec 01 (Mon)	14:29 80	20:52 87S	02:21 276
2025 Dec 02 (Tue)	15:14 73	21:46 88N	03:19 283
2025 Dec 03 (Wed)	16:04 67	22:45 83N	04:22 290
2025 Dec 04 (Thu)	17:02 63	23:49 79N	05:29 295
2025 Dec 05 (Fri)	18:06 61		06:39 298
2025 Dec 06 (Sat)	19:13 61	00:57 78N	07:48 299
2025 Dec 07 (Sun)	20:21 64	02:04 78N	08:52 298
2025 Dec 08 (Mon)	21:25 68	03:06 81N	09:49 294
2025 Dec 09 (Tue)	22:23 73	04:03 86N	10:38 289
2025 Dec 10 (Wed)	23:17 79	04:54 90S	11:20 284
2025 Dec 11 (Thu)		05:40 84S	11:58 278
2025 Dec 12 (Fri)	00:08 86	06:22 78S	12:34 271
2025 Dec 13 (Sat)	00:55 92	07:03 72S	13:07 265
2025 Dec 14 (Sun)	01:43 98	07:44 66S	13:41 259
2025 Dec 15 (Mon)	02:30 104	08:25 61S	14:17 254
2025 Dec 16 (Tue)	03:18 109	09:08 56S	14:54 249
2025 Dec 17 (Wed)	04:08 113	09:53 52S	15:36 245
2025 Dec 18 (Thu)	05:00 117	10:41 49S	16:20 242
2025 Dec 19 (Fri)	05:53 119	11:32 47S	17:09 241
2025 Dec 20 (Sat)	06:46 119	12:24 47S	18:02 241
2025 Dec 21 (Sun)	07:37 119	13:16 48S	18:56 242
2025 Dec 22 (Mon)	08:26 116	14:07 50S	19:51 245
2025 Dec 23 (Tue)	09:11 113	14:56 54S	20:44 249
2025 Dec 24 (Wed)	09:52 108	15:43 59S	21:37 255
2025 Dec 25 (Thu)	10:31 102	16:28 65S	22:29 261
2025 Dec 26 (Fri)	11:09 96	17:13 71S	23:20 267
2025 Dec 27 (Sat)	11:46 89	17:57 77S	
2025 Dec 28 (Sun)	12:24 83	18:44 84S	00:13 274
2025 Dec 29 (Mon)	13:06 76	19:33 91S	01:07 281
2025 Dec 30 (Tue)	13:51 70	20:28 85N	02:05 287
2025 Dec 31 (Wed)	14:44 65	21:28 81N	03:08 293