

Sun

VTET

Location: E101°05'00.0", N14°06'00.0", 0m
(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)	05:50	06:40 114		12:19 54S	17:59 247		18:48
2025 Jan 02 (Thu)	05:50	06:40 113		12:20 54S	17:59 247		18:49
2025 Jan 03 (Fri)	05:51	06:41 113		12:20 54S	18:00 247		18:49
2025 Jan 04 (Sat)	05:51	06:41 113		12:21 54S	18:00 247		18:50
2025 Jan 05 (Sun)	05:52	06:41 113		12:21 54S	18:01 247		18:51
2025 Jan 06 (Mon)	05:52	06:42 113		12:22 54S	18:02 247		18:51
2025 Jan 07 (Tue)	05:52	06:42 113		12:22 54S	18:02 247		18:52
2025 Jan 08 (Wed)	05:53	06:42 113		12:22 54S	18:03 247		18:52
2025 Jan 09 (Thu)	05:53	06:42 113		12:23 55S	18:03 247		18:53
2025 Jan 10 (Fri)	05:53	06:43 112		12:23 55S	18:04 248		18:53
2025 Jan 11 (Sat)	05:54	06:43 112		12:24 55S	18:04 248		18:54
2025 Jan 12 (Sun)	05:54	06:43 112		12:24 55S	18:05 248		18:54
2025 Jan 13 (Mon)	05:54	06:43 112		12:24 55S	18:06 248		18:55
2025 Jan 14 (Tue)	05:54	06:43 112		12:25 55S	18:06 248		18:55
2025 Jan 15 (Wed)	05:54	06:44 112		12:25 56S	18:07 249		18:56
2025 Jan 16 (Thu)	05:55	06:44 111		12:25 56S	18:07 249		18:56
2025 Jan 17 (Fri)	05:55	06:44 111		12:26 56S	18:08 249		18:57
2025 Jan 18 (Sat)	05:55	06:44 111		12:26 56S	18:08 249		18:57
2025 Jan 19 (Sun)	05:55	06:44 111		12:26 56S	18:09 249		18:58
2025 Jan 20 (Mon)	05:55	06:44 111		12:27 57S	18:09 250		18:58
2025 Jan 21 (Tue)	05:55	06:44 110		12:27 57S	18:10 250		18:59
2025 Jan 22 (Wed)	05:55	06:44 110		12:27 57S	18:10 250		18:59
2025 Jan 23 (Thu)	05:56	06:44 110		12:27 57S	18:11 250		19:00
2025 Jan 24 (Fri)	05:56	06:44 110		12:28 57S	18:11 251		19:00
2025 Jan 25 (Sat)	05:56	06:44 109		12:28 58S	18:12 251		19:00
2025 Jan 26 (Sun)	05:56	06:44 109		12:28 58S	18:12 251		19:01
2025 Jan 27 (Mon)	05:56	06:44 109		12:28 58S	18:13 251		19:01
2025 Jan 28 (Tue)	05:56	06:44 109		12:29 58S	18:13 252		19:02
2025 Jan 29 (Wed)	05:56	06:44 108		12:29 59S	18:14 252		19:02
2025 Jan 30 (Thu)	05:56	06:44 108		12:29 59S	18:14 252		19:02
2025 Jan 31 (Fri)	05:55	06:43 108		12:29 59S	18:15 252		19:03
2025 Feb 01 (Sat)	05:55	06:43 107		12:29 60S	18:15 253		19:03
2025 Feb 02 (Sun)	05:55	06:43 107		12:29 60S	18:16 253		19:04
2025 Feb 03 (Mon)	05:55	06:43 107		12:29 60S	18:16 253		19:04
2025 Feb 04 (Tue)	05:55	06:43 107		12:30 60S	18:17 254		19:04
2025 Feb 05 (Wed)	05:55	06:42 106		12:30 61S	18:17 254		19:05
2025 Feb 06 (Thu)	05:55	06:42 106		12:30 61S	18:17 254		19:05
2025 Feb 07 (Fri)	05:54	06:42 106		12:30 61S	18:18 255		19:05
2025 Feb 08 (Sat)	05:54	06:42 105		12:30 62S	18:18 255		19:06
2025 Feb 09 (Sun)	05:54	06:41 105		12:30 62S	18:18 255		19:06
2025 Feb 10 (Mon)	05:54	06:41 105		12:30 62S	18:19 256		19:06
2025 Feb 11 (Tue)	05:53	06:41 104		12:30 63S	18:19 256		19:06
2025 Feb 12 (Wed)	05:53	06:40 104		12:30 63S	18:20 256		19:07
2025 Feb 13 (Thu)	05:53	06:40 104		12:30 63S	18:20 257		19:07
2025 Feb 14 (Fri)	05:53	06:40 103		12:30 64S	18:20 257		19:07
2025 Feb 15 (Sat)	05:52	06:39 103		12:30 64S	18:20 257		19:07
2025 Feb 16 (Sun)	05:52	06:39 103		12:30 64S	18:21 258		19:08
2025 Feb 17 (Mon)	05:51	06:38 102		12:30 65S	18:21 258		19:08
2025 Feb 18 (Tue)	05:51	06:38 102		12:30 65S	18:21 258		19:08
2025 Feb 19 (Wed)	05:51	06:37 101		12:29 65S	18:22 259		19:08
2025 Feb 20 (Thu)	05:50	06:37 101		12:29 66S	18:22 259		19:09
2025 Feb 21 (Fri)	05:50	06:36 101		12:29 66S	18:22 260		19:09
2025 Feb 22 (Sat)	05:49	06:36 100		12:29 67S	18:22 260		19:09
2025 Feb 23 (Sun)	05:49	06:35 100		12:29 67S	18:23 260		19:09
2025 Feb 24 (Mon)	05:48	06:35 100		12:29 67S	18:23 261		19:09

2025	Feb	25	(Tue)	05:48	06:34	99	12:29	68S	18:23	261	19:10
2025	Feb	26	(Wed)	05:47	06:34	99	12:29	68S	18:23	261	19:10
2025	Feb	27	(Thu)	05:47	06:33	98	12:28	68S	18:24	262	19:10
2025	Feb	28	(Fri)	05:46	06:33	98	12:28	69S	18:24	262	19:10
2025	Mar	01	(Sat)	05:46	06:32	98	12:28	69S	18:24	263	19:10
2025	Mar	02	(Sun)	05:45	06:32	97	12:28	70S	18:24	263	19:10
2025	Mar	03	(Mon)	05:45	06:31	97	12:28	70S	18:24	263	19:11
2025	Mar	04	(Tue)	05:44	06:30	96	12:27	70S	18:24	264	19:11
2025	Mar	05	(Wed)	05:44	06:30	96	12:27	71S	18:25	264	19:11
2025	Mar	06	(Thu)	05:43	06:29	96	12:27	71S	18:25	265	19:11
2025	Mar	07	(Fri)	05:42	06:29	95	12:27	71S	18:25	265	19:11
2025	Mar	08	(Sat)	05:42	06:28	95	12:26	72S	18:25	265	19:11
2025	Mar	09	(Sun)	05:41	06:27	94	12:26	72S	18:25	266	19:11
2025	Mar	10	(Mon)	05:41	06:27	94	12:26	73S	18:25	266	19:11
2025	Mar	11	(Tue)	05:40	06:26	94	12:26	73S	18:25	267	19:12
2025	Mar	12	(Wed)	05:39	06:25	93	12:25	73S	18:26	267	19:12
2025	Mar	13	(Thu)	05:39	06:25	93	12:25	74S	18:26	267	19:12
2025	Mar	14	(Fri)	05:38	06:24	92	12:25	74S	18:26	268	19:12
2025	Mar	15	(Sat)	05:37	06:23	92	12:25	75S	18:26	268	19:12
2025	Mar	16	(Sun)	05:37	06:23	92	12:24	75S	18:26	269	19:12
2025	Mar	17	(Mon)	05:36	06:22	91	12:24	75S	18:26	269	19:12
2025	Mar	18	(Tue)	05:35	06:21	91	12:24	76S	18:26	269	19:12
2025	Mar	19	(Wed)	05:35	06:21	90	12:23	76S	18:26	270	19:12
2025	Mar	20	(Thu)	05:34	06:20	90	12:23	77S	18:27	270	19:13
2025	Mar	21	(Fri)	05:33	06:19	90	12:23	77S	18:27	271	19:13
2025	Mar	22	(Sat)	05:32	06:19	89	12:23	77S	18:27	271	19:13
2025	Mar	23	(Sun)	05:32	06:18	89	12:22	78S	18:27	271	19:13
2025	Mar	24	(Mon)	05:31	06:17	88	12:22	78S	18:27	272	19:13
2025	Mar	25	(Tue)	05:30	06:16	88	12:22	79S	18:27	272	19:13
2025	Mar	26	(Wed)	05:30	06:16	88	12:21	79S	18:27	273	19:13
2025	Mar	27	(Thu)	05:29	06:15	87	12:21	79S	18:27	273	19:13
2025	Mar	28	(Fri)	05:28	06:14	87	12:21	80S	18:27	273	19:14
2025	Mar	29	(Sat)	05:27	06:14	86	12:20	80S	18:27	274	19:14
2025	Mar	30	(Sun)	05:27	06:13	86	12:20	80S	18:27	274	19:14
2025	Mar	31	(Mon)	05:26	06:12	86	12:20	81S	18:28	275	19:14
2025	Apr	01	(Tue)	05:25	06:12	85	12:20	81S	18:28	275	19:14
2025	Apr	02	(Wed)	05:25	06:11	85	12:19	82S	18:28	275	19:14
2025	Apr	03	(Thu)	05:24	06:10	84	12:19	82S	18:28	276	19:14
2025	Apr	04	(Fri)	05:23	06:10	84	12:19	82S	18:28	276	19:14
2025	Apr	05	(Sat)	05:22	06:09	84	12:18	83S	18:28	277	19:15
2025	Apr	06	(Sun)	05:22	06:08	83	12:18	83S	18:28	277	19:15
2025	Apr	07	(Mon)	05:21	06:08	83	12:18	84S	18:28	277	19:15
2025	Apr	08	(Tue)	05:20	06:07	82	12:18	84S	18:28	278	19:15
2025	Apr	09	(Wed)	05:20	06:06	82	12:17	84S	18:28	278	19:15
2025	Apr	10	(Thu)	05:19	06:06	82	12:17	85S	18:29	279	19:15
2025	Apr	11	(Fri)	05:18	06:05	81	12:17	85S	18:29	279	19:16
2025	Apr	12	(Sat)	05:17	06:04	81	12:16	85S	18:29	279	19:16
2025	Apr	13	(Sun)	05:17	06:04	80	12:16	86S	18:29	280	19:16
2025	Apr	14	(Mon)	05:16	06:03	80	12:16	86S	18:29	280	19:16
2025	Apr	15	(Tue)	05:15	06:02	80	12:16	86S	18:29	280	19:16
2025	Apr	16	(Wed)	05:15	06:02	79	12:15	87S	18:29	281	19:17
2025	Apr	17	(Thu)	05:14	06:01	79	12:15	87S	18:29	281	19:17
2025	Apr	18	(Fri)	05:13	06:01	79	12:15	88S	18:30	282	19:17
2025	Apr	19	(Sat)	05:13	06:00	78	12:15	88S	18:30	282	19:17
2025	Apr	20	(Sun)	05:12	05:59	78	12:15	88S	18:30	282	19:17
2025	Apr	21	(Mon)	05:11	05:59	78	12:14	89S	18:30	283	19:18
2025	Apr	22	(Tue)	05:11	05:58	77	12:14	89S	18:30	283	19:18
2025	Apr	23	(Wed)	05:10	05:58	77	12:14	89S	18:30	283	19:18
2025	Apr	24	(Thu)	05:09	05:57	77	12:14	90S	18:31	284	19:18
2025	Apr	25	(Fri)	05:09	05:57	76	12:14	90S	18:31	284	19:19
2025	Apr	26	(Sat)	05:08	05:56	76	12:13	90S	18:31	284	19:19
2025	Apr	27	(Sun)	05:08	05:56	76	12:13	91S	18:31	285	19:19
2025	Apr	28	(Mon)	05:07	05:55	75	12:13	91N	18:31	285	19:19
2025	Apr	29	(Tue)	05:07	05:55	75	12:13	90N	18:32	285	19:20
2025	Apr	30	(Wed)	05:06	05:54	75	12:13	90N	18:32	286	19:20
2025	May	01	(Thu)	05:05	05:54	74	12:13	90N	18:32	286	19:20
2025	May	02	(Fri)	05:05	05:53	74	12:13	89N	18:32	286	19:21

2025	May	03	(Sat)	05:04	05:53	74	12:13	89N	18:32	287	19:21
2025	May	04	(Sun)	05:04	05:52	73	12:12	89N	18:33	287	19:21
2025	May	05	(Mon)	05:03	05:52	73	12:12	88N	18:33	287	19:22
2025	May	06	(Tue)	05:03	05:52	73	12:12	88N	18:33	287	19:22
2025	May	07	(Wed)	05:02	05:51	72	12:12	88N	18:33	288	19:22
2025	May	08	(Thu)	05:02	05:51	72	12:12	88N	18:34	288	19:23
2025	May	09	(Fri)	05:02	05:51	72	12:12	87N	18:34	288	19:23
2025	May	10	(Sat)	05:01	05:50	72	12:12	87N	18:34	289	19:23
2025	May	11	(Sun)	05:01	05:50	71	12:12	87N	18:34	289	19:24
2025	May	12	(Mon)	05:00	05:50	71	12:12	87N	18:35	289	19:24
2025	May	13	(Tue)	05:00	05:49	71	12:12	86N	18:35	289	19:24
2025	May	14	(Wed)	05:00	05:49	71	12:12	86N	18:35	290	19:25
2025	May	15	(Thu)	04:59	05:49	70	12:12	86N	18:35	290	19:25
2025	May	16	(Fri)	04:59	05:48	70	12:12	86N	18:36	290	19:25
2025	May	17	(Sat)	04:59	05:48	70	12:12	85N	18:36	290	19:26
2025	May	18	(Sun)	04:58	05:48	70	12:12	85N	18:36	291	19:26
2025	May	19	(Mon)	04:58	05:48	69	12:12	85N	18:37	291	19:27
2025	May	20	(Tue)	04:58	05:48	69	12:12	85N	18:37	291	19:27
2025	May	21	(Wed)	04:57	05:47	69	12:12	85N	18:37	291	19:27
2025	May	22	(Thu)	04:57	05:47	69	12:12	84N	18:38	291	19:28
2025	May	23	(Fri)	04:57	05:47	69	12:12	84N	18:38	292	19:28
2025	May	24	(Sat)	04:57	05:47	68	12:13	84N	18:38	292	19:28
2025	May	25	(Sun)	04:57	05:47	68	12:13	84N	18:38	292	19:29
2025	May	26	(Mon)	04:56	05:47	68	12:13	84N	18:39	292	19:29
2025	May	27	(Tue)	04:56	05:47	68	12:13	83N	18:39	292	19:30
2025	May	28	(Wed)	04:56	05:47	68	12:13	83N	18:39	292	19:30
2025	May	29	(Thu)	04:56	05:47	67	12:13	83N	18:40	293	19:30
2025	May	30	(Fri)	04:56	05:46	67	12:13	83N	18:40	293	19:31
2025	May	31	(Sat)	04:56	05:46	67	12:13	83N	18:40	293	19:31
2025	Jun	01	(Sun)	04:56	05:46	67	12:14	83N	18:41	293	19:31
2025	Jun	02	(Mon)	04:56	05:46	67	12:14	83N	18:41	293	19:32
2025	Jun	03	(Tue)	04:56	05:46	67	12:14	82N	18:41	293	19:32
2025	Jun	04	(Wed)	04:56	05:46	67	12:14	82N	18:42	293	19:33
2025	Jun	05	(Thu)	04:56	05:46	66	12:14	82N	18:42	294	19:33
2025	Jun	06	(Fri)	04:56	05:47	66	12:14	82N	18:42	294	19:33
2025	Jun	07	(Sat)	04:56	05:47	66	12:15	82N	18:43	294	19:34
2025	Jun	08	(Sun)	04:56	05:47	66	12:15	82N	18:43	294	19:34
2025	Jun	09	(Mon)	04:56	05:47	66	12:15	82N	18:43	294	19:34
2025	Jun	10	(Tue)	04:56	05:47	66	12:15	82N	18:43	294	19:35
2025	Jun	11	(Wed)	04:56	05:47	66	12:15	82N	18:44	294	19:35
2025	Jun	12	(Thu)	04:56	05:47	66	12:16	82N	18:44	294	19:35
2025	Jun	13	(Fri)	04:56	05:47	66	12:16	82N	18:44	294	19:36
2025	Jun	14	(Sat)	04:56	05:47	66	12:16	82N	18:45	294	19:36
2025	Jun	15	(Sun)	04:56	05:48	66	12:16	81N	18:45	294	19:36
2025	Jun	16	(Mon)	04:56	05:48	66	12:16	81N	18:45	294	19:36
2025	Jun	17	(Tue)	04:57	05:48	66	12:17	81N	18:45	294	19:37
2025	Jun	18	(Wed)	04:57	05:48	66	12:17	81N	18:46	294	19:37
2025	Jun	19	(Thu)	04:57	05:48	66	12:17	81N	18:46	294	19:37
2025	Jun	20	(Fri)	04:57	05:48	66	12:17	81N	18:46	294	19:37
2025	Jun	21	(Sat)	04:57	05:49	66	12:17	81N	18:46	294	19:38
2025	Jun	22	(Sun)	04:58	05:49	66	12:18	81N	18:46	294	19:38
2025	Jun	23	(Mon)	04:58	05:49	66	12:18	81N	18:47	294	19:38
2025	Jun	24	(Tue)	04:58	05:49	66	12:18	81N	18:47	294	19:38
2025	Jun	25	(Wed)	04:58	05:50	66	12:18	81N	18:47	294	19:38
2025	Jun	26	(Thu)	04:59	05:50	66	12:19	81N	18:47	294	19:39
2025	Jun	27	(Fri)	04:59	05:50	66	12:19	81N	18:47	294	19:39
2025	Jun	28	(Sat)	04:59	05:50	66	12:19	82N	18:48	294	19:39
2025	Jun	29	(Sun)	04:59	05:51	66	12:19	82N	18:48	294	19:39
2025	Jun	30	(Mon)	05:00	05:51	66	12:19	82N	18:48	294	19:39
2025	Jul	01	(Tue)	05:00	05:51	66	12:20	82N	18:48	294	19:39
2025	Jul	02	(Wed)	05:00	05:51	66	12:20	82N	18:48	294	19:39
2025	Jul	03	(Thu)	05:01	05:52	66	12:20	82N	18:48	294	19:39
2025	Jul	04	(Fri)	05:01	05:52	66	12:20	82N	18:48	294	19:39
2025	Jul	05	(Sat)	05:01	05:52	66	12:20	82N	18:48	294	19:39
2025	Jul	06	(Sun)	05:02	05:53	66	12:20	82N	18:48	294	19:39
2025	Jul	07	(Mon)	05:02	05:53	66	12:21	82N	18:48	293	19:39
2025	Jul	08	(Tue)	05:02	05:53	67	12:21	82N	18:48	293	19:39

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

2025 Sep 14 (Sun)	05:18	06:04	86	12:11	80S	18:18	274	19:04
2025 Sep 15 (Mon)	05:18	06:05	87	12:11	80S	18:17	273	19:03
2025 Sep 16 (Tue)	05:18	06:05	87	12:11	79S	18:16	273	19:02
2025 Sep 17 (Wed)	05:18	06:05	87	12:10	79S	18:16	272	19:02
2025 Sep 18 (Thu)	05:18	06:05	88	12:10	78S	18:15	272	19:01
2025 Sep 19 (Fri)	05:19	06:05	88	12:09	78S	18:14	272	19:00
2025 Sep 20 (Sat)	05:19	06:05	89	12:09	78S	18:13	271	18:59
2025 Sep 21 (Sun)	05:19	06:05	89	12:09	77S	18:13	271	18:59
2025 Sep 22 (Mon)	05:19	06:05	89	12:08	77S	18:12	270	18:58
2025 Sep 23 (Tue)	05:19	06:05	90	12:08	76S	18:11	270	18:57
2025 Sep 24 (Wed)	05:19	06:05	90	12:08	76S	18:10	270	18:56
2025 Sep 25 (Thu)	05:19	06:05	91	12:07	76S	18:10	269	18:56
2025 Sep 26 (Fri)	05:19	06:05	91	12:07	75S	18:09	269	18:55
2025 Sep 27 (Sat)	05:19	06:05	91	12:07	75S	18:08	268	18:54
2025 Sep 28 (Sun)	05:19	06:05	92	12:06	74S	18:07	268	18:54
2025 Sep 29 (Mon)	05:19	06:05	92	12:06	74S	18:07	268	18:53
2025 Sep 30 (Tue)	05:19	06:05	93	12:06	74S	18:06	267	18:52
2025 Oct 01 (Wed)	05:19	06:05	93	12:05	73S	18:05	267	18:51
2025 Oct 02 (Thu)	05:19	06:05	93	12:05	73S	18:05	266	18:51
2025 Oct 03 (Fri)	05:19	06:05	94	12:05	73S	18:04	266	18:50
2025 Oct 04 (Sat)	05:19	06:05	94	12:04	72S	18:03	266	18:49
2025 Oct 05 (Sun)	05:19	06:06	95	12:04	72S	18:03	265	18:49
2025 Oct 06 (Mon)	05:19	06:06	95	12:04	71S	18:02	265	18:48
2025 Oct 07 (Tue)	05:20	06:06	95	12:04	71S	18:01	264	18:47
2025 Oct 08 (Wed)	05:20	06:06	96	12:03	71S	18:00	264	18:47
2025 Oct 09 (Thu)	05:20	06:06	96	12:03	70S	18:00	264	18:46
2025 Oct 10 (Fri)	05:20	06:06	97	12:03	70S	17:59	263	18:45
2025 Oct 11 (Sat)	05:20	06:06	97	12:02	69S	17:59	263	18:45
2025 Oct 12 (Sun)	05:20	06:06	97	12:02	69S	17:58	262	18:44
2025 Oct 13 (Mon)	05:20	06:06	98	12:02	69S	17:57	262	18:44
2025 Oct 14 (Tue)	05:20	06:07	98	12:02	68S	17:57	262	18:43
2025 Oct 15 (Wed)	05:20	06:07	99	12:01	68S	17:56	261	18:42
2025 Oct 16 (Thu)	05:20	06:07	99	12:01	68S	17:55	261	18:42
2025 Oct 17 (Fri)	05:20	06:07	99	12:01	67S	17:55	260	18:41
2025 Oct 18 (Sat)	05:21	06:07	100	12:01	67S	17:54	260	18:41
2025 Oct 19 (Sun)	05:21	06:07	100	12:01	67S	17:54	260	18:40
2025 Oct 20 (Mon)	05:21	06:08	100	12:00	66S	17:53	259	18:40
2025 Oct 21 (Tue)	05:21	06:08	101	12:00	66S	17:53	259	18:39
2025 Oct 22 (Wed)	05:21	06:08	101	12:00	65S	17:52	259	18:39
2025 Oct 23 (Thu)	05:21	06:08	102	12:00	65S	17:52	258	18:39
2025 Oct 24 (Fri)	05:22	06:08	102	12:00	65S	17:51	258	18:38
2025 Oct 25 (Sat)	05:22	06:09	102	12:00	64S	17:51	258	18:38
2025 Oct 26 (Sun)	05:22	06:09	103	12:00	64S	17:50	257	18:37
2025 Oct 27 (Mon)	05:22	06:09	103	12:00	64S	17:50	257	18:37
2025 Oct 28 (Tue)	05:22	06:09	103	11:59	63S	17:49	257	18:36
2025 Oct 29 (Wed)	05:23	06:10	104	11:59	63S	17:49	256	18:36
2025 Oct 30 (Thu)	05:23	06:10	104	11:59	63S	17:49	256	18:36
2025 Oct 31 (Fri)	05:23	06:10	104	11:59	62S	17:48	255	18:35
2025 Nov 01 (Sat)	05:23	06:11	105	11:59	62S	17:48	255	18:35
2025 Nov 02 (Sun)	05:23	06:11	105	11:59	62S	17:47	255	18:35
2025 Nov 03 (Mon)	05:24	06:11	105	11:59	61S	17:47	255	18:35
2025 Nov 04 (Tue)	05:24	06:12	106	11:59	61S	17:47	254	18:34
2025 Nov 05 (Wed)	05:24	06:12	106	11:59	61S	17:47	254	18:34
2025 Nov 06 (Thu)	05:25	06:12	106	11:59	61S	17:46	254	18:34
2025 Nov 07 (Fri)	05:25	06:13	107	11:59	60S	17:46	253	18:34
2025 Nov 08 (Sat)	05:25	06:13	107	11:59	60S	17:46	253	18:34
2025 Nov 09 (Sun)	05:25	06:13	107	11:59	60S	17:46	253	18:33
2025 Nov 10 (Mon)	05:26	06:14	107	12:00	59S	17:45	252	18:33
2025 Nov 11 (Tue)	05:26	06:14	108	12:00	59S	17:45	252	18:33
2025 Nov 12 (Wed)	05:26	06:15	108	12:00	59S	17:45	252	18:33
2025 Nov 13 (Thu)	05:27	06:15	108	12:00	59S	17:45	252	18:33
2025 Nov 14 (Fri)	05:27	06:15	109	12:00	58S	17:45	251	18:33
2025 Nov 15 (Sat)	05:28	06:16	109	12:00	58S	17:45	251	18:33
2025 Nov 16 (Sun)	05:28	06:16	109	12:00	58S	17:44	251	18:33
2025 Nov 17 (Mon)	05:28	06:17	109	12:01	58S	17:44	251	18:33
2025 Nov 18 (Tue)	05:29	06:17	110	12:01	57S	17:44	250	18:33
2025 Nov 19 (Wed)	05:29	06:18	110	12:01	57S	17:44	250	18:33

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

Sun

VTET

Location: E101°05'00.0", N14°06'00.0", 0m
(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)	06:17	06:40	114	12:19	54S	17:59	247	18:22
2025	Jan	02	(Thu)	06:17	06:40	113	12:20	54S	17:59	247	18:22
2025	Jan	03	(Fri)	06:17	06:41	113	12:20	54S	18:00	247	18:23
2025	Jan	04	(Sat)	06:18	06:41	113	12:21	54S	18:00	247	18:23
2025	Jan	05	(Sun)	06:18	06:41	113	12:21	54S	18:01	247	18:24
2025	Jan	06	(Mon)	06:19	06:42	113	12:22	54S	18:02	247	18:25
2025	Jan	07	(Tue)	06:19	06:42	113	12:22	54S	18:02	247	18:25
2025	Jan	08	(Wed)	06:19	06:42	113	12:22	54S	18:03	247	18:26
2025	Jan	09	(Thu)	06:19	06:42	113	12:23	55S	18:03	247	18:26
2025	Jan	10	(Fri)	06:20	06:43	112	12:23	55S	18:04	248	18:27
2025	Jan	11	(Sat)	06:20	06:43	112	12:24	55S	18:04	248	18:27
2025	Jan	12	(Sun)	06:20	06:43	112	12:24	55S	18:05	248	18:28

2025	Jan	13	(Mon)	06:20	06:43	112	12:24	55S	18:06	248	18:28
2025	Jan	14	(Tue)	06:21	06:43	112	12:25	55S	18:06	248	18:29
2025	Jan	15	(Wed)	06:21	06:44	112	12:25	56S	18:07	249	18:29
2025	Jan	16	(Thu)	06:21	06:44	111	12:25	56S	18:07	249	18:30
2025	Jan	17	(Fri)	06:21	06:44	111	12:26	56S	18:08	249	18:31
2025	Jan	18	(Sat)	06:21	06:44	111	12:26	56S	18:08	249	18:31
2025	Jan	19	(Sun)	06:21	06:44	111	12:26	56S	18:09	249	18:32
2025	Jan	20	(Mon)	06:21	06:44	111	12:27	57S	18:09	250	18:32
2025	Jan	21	(Tue)	06:21	06:44	110	12:27	57S	18:10	250	18:33
2025	Jan	22	(Wed)	06:22	06:44	110	12:27	57S	18:10	250	18:33
2025	Jan	23	(Thu)	06:22	06:44	110	12:27	57S	18:11	250	18:34
2025	Jan	24	(Fri)	06:22	06:44	110	12:28	57S	18:11	251	18:34
2025	Jan	25	(Sat)	06:22	06:44	109	12:28	58S	18:12	251	18:34
2025	Jan	26	(Sun)	06:22	06:44	109	12:28	58S	18:12	251	18:35
2025	Jan	27	(Mon)	06:22	06:44	109	12:28	58S	18:13	251	18:35
2025	Jan	28	(Tue)	06:21	06:44	109	12:29	58S	18:13	252	18:36
2025	Jan	29	(Wed)	06:21	06:44	108	12:29	59S	18:14	252	18:36
2025	Jan	30	(Thu)	06:21	06:44	108	12:29	59S	18:14	252	18:37
2025	Jan	31	(Fri)	06:21	06:43	108	12:29	59S	18:15	252	18:37
2025	Feb	01	(Sat)	06:21	06:43	107	12:29	60S	18:15	253	18:38
2025	Feb	02	(Sun)	06:21	06:43	107	12:29	60S	18:16	253	18:38
2025	Feb	03	(Mon)	06:21	06:43	107	12:29	60S	18:16	253	18:38
2025	Feb	04	(Tue)	06:21	06:43	107	12:30	60S	18:17	254	18:39
2025	Feb	05	(Wed)	06:20	06:42	106	12:30	61S	18:17	254	18:39
2025	Feb	06	(Thu)	06:20	06:42	106	12:30	61S	18:17	254	18:39
2025	Feb	07	(Fri)	06:20	06:42	106	12:30	61S	18:18	255	18:40
2025	Feb	08	(Sat)	06:20	06:42	105	12:30	62S	18:18	255	18:40
2025	Feb	09	(Sun)	06:19	06:41	105	12:30	62S	18:18	255	18:40
2025	Feb	10	(Mon)	06:19	06:41	105	12:30	62S	18:19	256	18:41
2025	Feb	11	(Tue)	06:19	06:41	104	12:30	63S	18:19	256	18:41
2025	Feb	12	(Wed)	06:18	06:40	104	12:30	63S	18:20	256	18:41
2025	Feb	13	(Thu)	06:18	06:40	104	12:30	63S	18:20	257	18:42
2025	Feb	14	(Fri)	06:18	06:40	103	12:30	64S	18:20	257	18:42
2025	Feb	15	(Sat)	06:17	06:39	103	12:30	64S	18:20	257	18:42
2025	Feb	16	(Sun)	06:17	06:39	103	12:30	64S	18:21	258	18:43
2025	Feb	17	(Mon)	06:17	06:38	102	12:30	65S	18:21	258	18:43
2025	Feb	18	(Tue)	06:16	06:38	102	12:30	65S	18:21	258	18:43
2025	Feb	19	(Wed)	06:16	06:37	101	12:29	65S	18:22	259	18:43
2025	Feb	20	(Thu)	06:15	06:37	101	12:29	66S	18:22	259	18:44
2025	Feb	21	(Fri)	06:15	06:36	101	12:29	66S	18:22	260	18:44
2025	Feb	22	(Sat)	06:14	06:36	100	12:29	67S	18:22	260	18:44
2025	Feb	23	(Sun)	06:14	06:35	100	12:29	67S	18:23	260	18:44
2025	Feb	24	(Mon)	06:13	06:35	100	12:29	67S	18:23	261	18:44
2025	Feb	25	(Tue)	06:13	06:34	99	12:29	68S	18:23	261	18:45
2025	Feb	26	(Wed)	06:12	06:34	99	12:29	68S	18:23	261	18:45
2025	Feb	27	(Thu)	06:12	06:33	98	12:28	68S	18:24	262	18:45
2025	Feb	28	(Fri)	06:11	06:33	98	12:28	69S	18:24	262	18:45
2025	Mar	01	(Sat)	06:11	06:32	98	12:28	69S	18:24	263	18:45
2025	Mar	02	(Sun)	06:10	06:32	97	12:28	70S	18:24	263	18:46
2025	Mar	03	(Mon)	06:10	06:31	97	12:28	70S	18:24	263	18:46
2025	Mar	04	(Tue)	06:09	06:30	96	12:27	70S	18:24	264	18:46
2025	Mar	05	(Wed)	06:08	06:30	96	12:27	71S	18:25	264	18:46
2025	Mar	06	(Thu)	06:08	06:29	96	12:27	71S	18:25	265	18:46
2025	Mar	07	(Fri)	06:07	06:29	95	12:27	71S	18:25	265	18:46
2025	Mar	08	(Sat)	06:07	06:28	95	12:26	72S	18:25	265	18:46
2025	Mar	09	(Sun)	06:06	06:27	94	12:26	72S	18:25	266	18:47
2025	Mar	10	(Mon)	06:05	06:27	94	12:26	73S	18:25	266	18:47
2025	Mar	11	(Tue)	06:05	06:26	94	12:26	73S	18:25	267	18:47
2025	Mar	12	(Wed)	06:04	06:25	93	12:25	73S	18:26	267	18:47
2025	Mar	13	(Thu)	06:03	06:25	93	12:25	74S	18:26	267	18:47
2025	Mar	14	(Fri)	06:03	06:24	92	12:25	74S	18:26	268	18:47
2025	Mar	15	(Sat)	06:02	06:23	92	12:25	75S	18:26	268	18:47
2025	Mar	16	(Sun)	06:01	06:23	92	12:24	75S	18:26	269	18:47
2025	Mar	17	(Mon)	06:01	06:22	91	12:24	75S	18:26	269	18:48
2025	Mar	18	(Tue)	06:00	06:21	91	12:24	76S	18:26	269	18:48
2025	Mar	19	(Wed)	05:59	06:21	90	12:23	76S	18:26	270	18:48
2025	Mar	20	(Thu)	05:59	06:20	90	12:23	77S	18:27	270	18:48

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

2025 May 27 (Tue)	05:23	05:47	68	12:13	83N	18:39	292	19:02
2025 May 28 (Wed)	05:23	05:47	68	12:13	83N	18:39	292	19:03
2025 May 29 (Thu)	05:23	05:47	67	12:13	83N	18:40	293	19:03
2025 May 30 (Fri)	05:23	05:46	67	12:13	83N	18:40	293	19:03
2025 May 31 (Sat)	05:23	05:46	67	12:13	83N	18:40	293	19:04
2025 Jun 01 (Sun)	05:23	05:46	67	12:14	83N	18:41	293	19:04
2025 Jun 02 (Mon)	05:23	05:46	67	12:14	83N	18:41	293	19:04
2025 Jun 03 (Tue)	05:23	05:46	67	12:14	82N	18:41	293	19:05
2025 Jun 04 (Wed)	05:23	05:46	67	12:14	82N	18:42	293	19:05
2025 Jun 05 (Thu)	05:23	05:46	66	12:14	82N	18:42	294	19:05
2025 Jun 06 (Fri)	05:23	05:47	66	12:14	82N	18:42	294	19:06
2025 Jun 07 (Sat)	05:23	05:47	66	12:15	82N	18:43	294	19:06
2025 Jun 08 (Sun)	05:23	05:47	66	12:15	82N	18:43	294	19:06
2025 Jun 09 (Mon)	05:23	05:47	66	12:15	82N	18:43	294	19:07
2025 Jun 10 (Tue)	05:23	05:47	66	12:15	82N	18:43	294	19:07
2025 Jun 11 (Wed)	05:23	05:47	66	12:15	82N	18:44	294	19:07
2025 Jun 12 (Thu)	05:24	05:47	66	12:16	82N	18:44	294	19:08
2025 Jun 13 (Fri)	05:24	05:47	66	12:16	82N	18:44	294	19:08
2025 Jun 14 (Sat)	05:24	05:47	66	12:16	82N	18:45	294	19:08
2025 Jun 15 (Sun)	05:24	05:48	66	12:16	81N	18:45	294	19:08
2025 Jun 16 (Mon)	05:24	05:48	66	12:16	81N	18:45	294	19:09
2025 Jun 17 (Tue)	05:24	05:48	66	12:17	81N	18:45	294	19:09
2025 Jun 18 (Wed)	05:24	05:48	66	12:17	81N	18:46	294	19:09
2025 Jun 19 (Thu)	05:25	05:48	66	12:17	81N	18:46	294	19:09
2025 Jun 20 (Fri)	05:25	05:48	66	12:17	81N	18:46	294	19:10
2025 Jun 21 (Sat)	05:25	05:49	66	12:17	81N	18:46	294	19:10
2025 Jun 22 (Sun)	05:25	05:49	66	12:18	81N	18:46	294	19:10
2025 Jun 23 (Mon)	05:26	05:49	66	12:18	81N	18:47	294	19:10
2025 Jun 24 (Tue)	05:26	05:49	66	12:18	81N	18:47	294	19:10
2025 Jun 25 (Wed)	05:26	05:50	66	12:18	81N	18:47	294	19:11
2025 Jun 26 (Thu)	05:26	05:50	66	12:19	81N	18:47	294	19:11
2025 Jun 27 (Fri)	05:27	05:50	66	12:19	81N	18:47	294	19:11
2025 Jun 28 (Sat)	05:27	05:50	66	12:19	82N	18:48	294	19:11
2025 Jun 29 (Sun)	05:27	05:51	66	12:19	82N	18:48	294	19:11
2025 Jun 30 (Mon)	05:27	05:51	66	12:19	82N	18:48	294	19:11
2025 Jul 01 (Tue)	05:28	05:51	66	12:20	82N	18:48	294	19:11
2025 Jul 02 (Wed)	05:28	05:51	66	12:20	82N	18:48	294	19:11
2025 Jul 03 (Thu)	05:28	05:52	66	12:20	82N	18:48	294	19:12
2025 Jul 04 (Fri)	05:29	05:52	66	12:20	82N	18:48	294	19:12
2025 Jul 05 (Sat)	05:29	05:52	66	12:20	82N	18:48	294	19:12
2025 Jul 06 (Sun)	05:29	05:53	66	12:20	82N	18:48	294	19:12
2025 Jul 07 (Mon)	05:29	05:53	66	12:21	82N	18:48	293	19:12
2025 Jul 08 (Tue)	05:30	05:53	67	12:21	82N	18:48	293	19:12
2025 Jul 09 (Wed)	05:30	05:53	67	12:21	82N	18:48	293	19:12
2025 Jul 10 (Thu)	05:30	05:54	67	12:21	83N	18:48	293	19:12
2025 Jul 11 (Fri)	05:31	05:54	67	12:21	83N	18:48	293	19:12
2025 Jul 12 (Sat)	05:31	05:54	67	12:21	83N	18:48	293	19:12
2025 Jul 13 (Sun)	05:31	05:55	67	12:21	83N	18:48	293	19:11
2025 Jul 14 (Mon)	05:32	05:55	67	12:22	83N	18:48	293	19:11
2025 Jul 15 (Tue)	05:32	05:55	68	12:22	83N	18:48	292	19:11
2025 Jul 16 (Wed)	05:32	05:56	68	12:22	83N	18:48	292	19:11
2025 Jul 17 (Thu)	05:33	05:56	68	12:22	84N	18:48	292	19:11
2025 Jul 18 (Fri)	05:33	05:56	68	12:22	84N	18:48	292	19:11
2025 Jul 19 (Sat)	05:33	05:56	68	12:22	84N	18:48	292	19:11
2025 Jul 20 (Sun)	05:34	05:57	68	12:22	84N	18:47	291	19:10
2025 Jul 21 (Mon)	05:34	05:57	69	12:22	84N	18:47	291	19:10
2025 Jul 22 (Tue)	05:34	05:57	69	12:22	85N	18:47	291	19:10
2025 Jul 23 (Wed)	05:35	05:57	69	12:22	85N	18:47	291	19:10
2025 Jul 24 (Thu)	05:35	05:58	69	12:22	85N	18:47	291	19:09
2025 Jul 25 (Fri)	05:35	05:58	69	12:22	85N	18:46	290	19:09
2025 Jul 26 (Sat)	05:35	05:58	70	12:22	85N	18:46	290	19:09
2025 Jul 27 (Sun)	05:36	05:59	70	12:22	86N	18:46	290	19:09
2025 Jul 28 (Mon)	05:36	05:59	70	12:22	86N	18:46	290	19:08
2025 Jul 29 (Tue)	05:36	05:59	70	12:22	86N	18:45	289	19:08
2025 Jul 30 (Wed)	05:37	05:59	71	12:22	86N	18:45	289	19:08
2025 Jul 31 (Thu)	05:37	06:00	71	12:22	87N	18:45	289	19:07
2025 Aug 01 (Fri)	05:37	06:00	71	12:22	87N	18:44	289	19:07

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

2025	Oct	08	(Wed)	05:44	06:06	96	12:03	71S	18:00	264	18:22
2025	Oct	09	(Thu)	05:44	06:06	96	12:03	70S	18:00	264	18:21
2025	Oct	10	(Fri)	05:45	06:06	97	12:03	70S	17:59	263	18:21
2025	Oct	11	(Sat)	05:45	06:06	97	12:02	69S	17:59	263	18:20
2025	Oct	12	(Sun)	05:45	06:06	97	12:02	69S	17:58	262	18:19
2025	Oct	13	(Mon)	05:45	06:06	98	12:02	69S	17:57	262	18:19
2025	Oct	14	(Tue)	05:45	06:07	98	12:02	68S	17:57	262	18:18
2025	Oct	15	(Wed)	05:45	06:07	99	12:01	68S	17:56	261	18:18
2025	Oct	16	(Thu)	05:45	06:07	99	12:01	68S	17:55	261	18:17
2025	Oct	17	(Fri)	05:45	06:07	99	12:01	67S	17:55	260	18:16
2025	Oct	18	(Sat)	05:46	06:07	100	12:01	67S	17:54	260	18:16
2025	Oct	19	(Sun)	05:46	06:07	100	12:01	67S	17:54	260	18:15
2025	Oct	20	(Mon)	05:46	06:08	100	12:00	66S	17:53	259	18:15
2025	Oct	21	(Tue)	05:46	06:08	101	12:00	66S	17:53	259	18:14
2025	Oct	22	(Wed)	05:46	06:08	101	12:00	65S	17:52	259	18:14
2025	Oct	23	(Thu)	05:46	06:08	102	12:00	65S	17:52	258	18:13
2025	Oct	24	(Fri)	05:47	06:08	102	12:00	65S	17:51	258	18:13
2025	Oct	25	(Sat)	05:47	06:09	102	12:00	64S	17:51	258	18:12
2025	Oct	26	(Sun)	05:47	06:09	103	12:00	64S	17:50	257	18:12
2025	Oct	27	(Mon)	05:47	06:09	103	12:00	64S	17:50	257	18:12
2025	Oct	28	(Tue)	05:48	06:09	103	11:59	63S	17:49	257	18:11
2025	Oct	29	(Wed)	05:48	06:10	104	11:59	63S	17:49	256	18:11
2025	Oct	30	(Thu)	05:48	06:10	104	11:59	63S	17:49	256	18:10
2025	Oct	31	(Fri)	05:48	06:10	104	11:59	62S	17:48	255	18:10
2025	Nov	01	(Sat)	05:49	06:11	105	11:59	62S	17:48	255	18:10
2025	Nov	02	(Sun)	05:49	06:11	105	11:59	62S	17:47	255	18:09
2025	Nov	03	(Mon)	05:49	06:11	105	11:59	61S	17:47	255	18:09
2025	Nov	04	(Tue)	05:49	06:12	106	11:59	61S	17:47	254	18:09
2025	Nov	05	(Wed)	05:50	06:12	106	11:59	61S	17:47	254	18:09
2025	Nov	06	(Thu)	05:50	06:12	106	11:59	61S	17:46	254	18:08
2025	Nov	07	(Fri)	05:50	06:13	107	11:59	60S	17:46	253	18:08
2025	Nov	08	(Sat)	05:51	06:13	107	11:59	60S	17:46	253	18:08
2025	Nov	09	(Sun)	05:51	06:13	107	11:59	60S	17:46	253	18:08
2025	Nov	10	(Mon)	05:51	06:14	107	12:00	59S	17:45	252	18:08
2025	Nov	11	(Tue)	05:52	06:14	108	12:00	59S	17:45	252	18:07
2025	Nov	12	(Wed)	05:52	06:15	108	12:00	59S	17:45	252	18:07
2025	Nov	13	(Thu)	05:53	06:15	108	12:00	59S	17:45	252	18:07
2025	Nov	14	(Fri)	05:53	06:15	109	12:00	58S	17:45	251	18:07
2025	Nov	15	(Sat)	05:53	06:16	109	12:00	58S	17:45	251	18:07
2025	Nov	16	(Sun)	05:54	06:16	109	12:00	58S	17:44	251	18:07
2025	Nov	17	(Mon)	05:54	06:17	109	12:01	58S	17:44	251	18:07
2025	Nov	18	(Tue)	05:55	06:17	110	12:01	57S	17:44	250	18:07
2025	Nov	19	(Wed)	05:55	06:18	110	12:01	57S	17:44	250	18:07
2025	Nov	20	(Thu)	05:56	06:18	110	12:01	57S	17:44	250	18:07
2025	Nov	21	(Fri)	05:56	06:19	110	12:02	57S	17:44	250	18:07
2025	Nov	22	(Sat)	05:57	06:19	111	12:02	56S	17:44	249	18:07
2025	Nov	23	(Sun)	05:57	06:20	111	12:02	56S	17:44	249	18:07
2025	Nov	24	(Mon)	05:57	06:20	111	12:02	56S	17:44	249	18:07
2025	Nov	25	(Tue)	05:58	06:21	111	12:03	56S	17:44	249	18:07
2025	Nov	26	(Wed)	05:58	06:21	111	12:03	56S	17:45	249	18:07
2025	Nov	27	(Thu)	05:59	06:22	112	12:03	55S	17:45	248	18:07
2025	Nov	28	(Fri)	05:59	06:22	112	12:04	55S	17:45	248	18:08
2025	Nov	29	(Sat)	06:00	06:23	112	12:04	55S	17:45	248	18:08
2025	Nov	30	(Sun)	06:00	06:23	112	12:04	55S	17:45	248	18:08
2025	Dec	01	(Mon)	06:01	06:24	112	12:05	55S	17:45	248	18:08
2025	Dec	02	(Tue)	06:02	06:24	112	12:05	55S	17:46	247	18:08
2025	Dec	03	(Wed)	06:02	06:25	113	12:05	54S	17:46	247	18:09
2025	Dec	04	(Thu)	06:03	06:26	113	12:06	54S	17:46	247	18:09
2025	Dec	05	(Fri)	06:03	06:26	113	12:06	54S	17:46	247	18:09
2025	Dec	06	(Sat)	06:04	06:27	113	12:07	54S	17:47	247	18:10
2025	Dec	07	(Sun)	06:04	06:27	113	12:07	54S	17:47	247	18:10
2025	Dec	08	(Mon)	06:05	06:28	113	12:08	54S	17:47	247	18:10
2025	Dec	09	(Tue)	06:05	06:28	113	12:08	54S	17:48	247	18:11
2025	Dec	10	(Wed)	06:06	06:29	113	12:08	54S	17:48	247	18:11
2025	Dec	11	(Thu)	06:06	06:29	114	12:09	54S	17:48	246	18:11
2025	Dec	12	(Fri)	06:07	06:30	114	12:09	54S	17:49	246	18:12
2025	Dec	13	(Sat)	06:07	06:31	114	12:10	53S	17:49	246	18:12

2025	Dec	14	(Sun)	06:08	06:31	114	12:10	53S	17:49	246	18:13
2025	Dec	15	(Mon)	06:09	06:32	114	12:11	53S	17:50	246	18:13
2025	Dec	16	(Tue)	06:09	06:32	114	12:11	53S	17:50	246	18:13
2025	Dec	17	(Wed)	06:10	06:33	114	12:12	53S	17:51	246	18:14
2025	Dec	18	(Thu)	06:10	06:33	114	12:12	53S	17:51	246	18:14
2025	Dec	19	(Fri)	06:11	06:34	114	12:13	53S	17:52	246	18:15
2025	Dec	20	(Sat)	06:11	06:34	114	12:13	53S	17:52	246	18:15
2025	Dec	21	(Sun)	06:12	06:35	114	12:14	53S	17:53	246	18:16
2025	Dec	22	(Mon)	06:12	06:35	114	12:14	53S	17:53	246	18:16
2025	Dec	23	(Tue)	06:13	06:36	114	12:15	53S	17:54	246	18:17
2025	Dec	24	(Wed)	06:13	06:36	114	12:15	53S	17:54	246	18:17
2025	Dec	25	(Thu)	06:14	06:37	114	12:16	53S	17:55	246	18:18
2025	Dec	26	(Fri)	06:14	06:37	114	12:16	53S	17:55	246	18:18
2025	Dec	27	(Sat)	06:15	06:38	114	12:17	53S	17:56	246	18:19
2025	Dec	28	(Sun)	06:15	06:38	114	12:17	53S	17:56	246	18:19
2025	Dec	29	(Mon)	06:15	06:39	114	12:18	53S	17:57	246	18:20
2025	Dec	30	(Tue)	06:16	06:39	114	12:18	53S	17:57	246	18:21
2025	Dec	31	(Wed)	06:16	06:39	114	12:19	54S	17:58	246	18:21

Moon

VTET

Location: E101°05'00.0", N14°06'00.0", 0m
(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)	07:49	117	13:34	51S	19:20	245
2025 Jan 02 (Thu)	08:40	113	14:28	55S	20:19	250
2025 Jan 03 (Fri)	09:26	108	15:20	61S	21:16	255
2025 Jan 04 (Sat)	10:09	101	16:09	67S	22:12	262
2025 Jan 05 (Sun)	10:49	94	16:56	74S	23:06	269
2025 Jan 06 (Mon)	11:29	87	17:43	81S		
2025 Jan 07 (Tue)	12:10	80	18:31	88S	00:01	276
2025 Jan 08 (Wed)	12:53	74	19:22	88N	00:57	283
2025 Jan 09 (Thu)	13:40	68	20:17	82N	01:55	289
2025 Jan 10 (Fri)	14:32	64	21:15	78N	02:56	294
2025 Jan 11 (Sat)	15:29	61	22:16	76N	04:00	298
2025 Jan 12 (Sun)	16:30	61	23:17	76N	05:03	299
2025 Jan 13 (Mon)	17:32	62			06:03	299
2025 Jan 14 (Tue)	18:32	65	00:16	78N	06:59	296
2025 Jan 15 (Wed)	19:29	70	01:11	82N	07:48	293
2025 Jan 16 (Thu)	20:22	75	02:02	86N	08:31	288
2025 Jan 17 (Fri)	21:11	81	02:48	90S	09:10	282
2025 Jan 18 (Sat)	21:58	87	03:30	84S	09:46	276
2025 Jan 19 (Sun)	22:43	93	04:10	78S	10:20	270
2025 Jan 20 (Mon)	23:28	99	04:49	72S	10:53	264
2025 Jan 21 (Tue)			05:29	66S	11:27	258
2025 Jan 22 (Wed)	00:15	105	06:10	61S	12:02	253
2025 Jan 23 (Thu)	01:03	110	06:53	56S	12:41	248
2025 Jan 24 (Fri)	01:54	114	07:40	52S	13:25	244
2025 Jan 25 (Sat)	02:48	117	08:31	49S	14:13	242
2025 Jan 26 (Sun)	03:44	119	09:26	48S	15:07	240
2025 Jan 27 (Mon)	04:41	119	10:23	48S	16:05	241
2025 Jan 28 (Tue)	05:37	118	11:21	50S	17:05	243
2025 Jan 29 (Wed)	06:30	115	12:17	53S	18:06	247
2025 Jan 30 (Thu)	07:19	110	13:11	58S	19:06	253
2025 Jan 31 (Fri)	08:05	104	14:02	65S	20:04	260
2025 Feb 01 (Sat)	08:47	97	14:52	71S	21:00	267
2025 Feb 02 (Sun)	09:28	89	15:40	79S	21:56	274
2025 Feb 03 (Mon)	10:09	82	16:29	86S	22:52	281
2025 Feb 04 (Tue)	10:52	75	17:19	89N	23:50	288
2025 Feb 05 (Wed)	11:38	70	18:12	83N		
2025 Feb 06 (Thu)	12:28	65	19:09	79N	00:50	293

2025 Feb 07 (Fri)	13:22	62	20:08	77N	01:52	297
2025 Feb 08 (Sat)	14:21	60	21:08	76N	02:54	299
2025 Feb 09 (Sun)	15:21	61	22:07	77N	03:55	299
2025 Feb 10 (Mon)	16:21	64	23:02	80N	04:51	298
2025 Feb 11 (Tue)	17:18	68	23:54	84N	05:41	294
2025 Feb 12 (Wed)	18:12	73			06:26	290
2025 Feb 13 (Thu)	19:02	78	00:41	89N	07:06	284
2025 Feb 14 (Fri)	19:50	85	01:24	86S	07:43	278
2025 Feb 15 (Sat)	20:36	91	02:05	80S	08:17	272
2025 Feb 16 (Sun)	21:22	97	02:45	74S	08:51	266
2025 Feb 17 (Mon)	22:08	103	03:25	68S	09:25	260
2025 Feb 18 (Tue)	22:55	108	04:05	63S	09:59	255
2025 Feb 19 (Wed)	23:45	112	04:47	58S	10:37	250
2025 Feb 20 (Thu)			05:32	53S	11:18	246
2025 Feb 21 (Fri)	00:37	116	06:21	50S	12:03	243
2025 Feb 22 (Sat)	01:31	119	07:13	48S	12:53	241
2025 Feb 23 (Sun)	02:27	120	08:08	47S	13:49	240
2025 Feb 24 (Mon)	03:23	119	09:04	48S	14:47	242
2025 Feb 25 (Tue)	04:17	117	10:01	51S	15:48	245
2025 Feb 26 (Wed)	05:07	112	10:56	56S	16:48	250
2025 Feb 27 (Thu)	05:55	107	11:50	61S	17:48	256
2025 Feb 28 (Fri)	06:39	100	12:41	68S	18:46	263
2025 Mar 01 (Sat)	07:22	93	13:31	76S	19:44	271
2025 Mar 02 (Sun)	08:04	85	14:21	83S	20:42	279
2025 Mar 03 (Mon)	08:48	78	15:12	90S	21:41	286
2025 Mar 04 (Tue)	09:34	71	16:06	85N	22:42	292
2025 Mar 05 (Wed)	10:23	66	17:03	80N	23:45	296
2025 Mar 06 (Thu)	11:17	62	18:02	77N		
2025 Mar 07 (Fri)	12:15	61	19:02	76N	00:48	299
2025 Mar 08 (Sat)	13:15	61	20:02	77N	01:50	300
2025 Mar 09 (Sun)	14:15	63	20:58	79N	02:47	298
2025 Mar 10 (Mon)	15:12	66	21:50	83N	03:38	296
2025 Mar 11 (Tue)	16:06	71	22:37	87N	04:24	291
2025 Mar 12 (Wed)	16:57	76	23:21	88S	05:05	286
2025 Mar 13 (Thu)	17:45	82			05:42	281
2025 Mar 14 (Fri)	18:32	88	00:03	83S	06:17	275
2025 Mar 15 (Sat)	19:17	95	00:43	76S	06:51	269
2025 Mar 16 (Sun)	20:03	100	01:22	70S	07:24	263
2025 Mar 17 (Mon)	20:50	106	02:02	65S	07:58	257
2025 Mar 18 (Tue)	21:38	111	02:43	59S	08:35	252
2025 Mar 19 (Wed)	22:29	115	03:27	55S	09:14	247
2025 Mar 20 (Thu)	23:22	118	04:14	51S	09:57	244
2025 Mar 21 (Fri)			05:04	49S	10:45	241
2025 Mar 22 (Sat)	00:16	120	05:57	47S	11:37	240
2025 Mar 23 (Sun)	01:11	120	06:52	48S	12:33	241
2025 Mar 24 (Mon)	02:04	118	07:47	50S	13:31	243
2025 Mar 25 (Tue)	02:55	115	08:41	53S	14:30	247
2025 Mar 26 (Wed)	03:43	110	09:34	58S	15:29	253
2025 Mar 27 (Thu)	04:28	104	10:26	64S	16:27	260
2025 Mar 28 (Fri)	05:11	97	11:16	72S	17:25	267
2025 Mar 29 (Sat)	05:54	89	12:07	79S	18:24	275
2025 Mar 30 (Sun)	06:37	81	12:58	87S	19:24	282
2025 Mar 31 (Mon)	07:23	74	13:53	88N	20:26	289
2025 Apr 01 (Tue)	08:13	68	14:51	82N	21:31	294
2025 Apr 02 (Wed)	09:08	64	15:51	78N	22:37	298
2025 Apr 03 (Thu)	10:07	61	16:54	76N	23:41	300
2025 Apr 04 (Fri)	11:08	60	17:55	76N		
2025 Apr 05 (Sat)	12:09	62	18:53	78N	00:41	299
2025 Apr 06 (Sun)	13:07	65	19:47	81N	01:35	297
2025 Apr 07 (Mon)	14:03	69	20:36	86N	02:23	293
2025 Apr 08 (Tue)	14:54	75	21:20	90S	03:05	288
2025 Apr 09 (Wed)	15:43	80	22:02	84S	03:43	283
2025 Apr 10 (Thu)	16:29	86	22:42	78S	04:19	277
2025 Apr 11 (Fri)	17:14	92	23:21	72S	04:52	271
2025 Apr 12 (Sat)	18:00	98			05:25	265
2025 Apr 13 (Sun)	18:46	104	00:01	67S	05:59	259
2025 Apr 14 (Mon)	19:34	109	00:42	61S	06:35	253

2025 Apr 15 (Tue)	20:24 114	01:25 56S	07:13 249
2025 Apr 16 (Wed)	21:16 117	02:10 52S	07:55 245
2025 Apr 17 (Thu)	22:10 119	02:59 49S	08:41 242
2025 Apr 18 (Fri)	23:04 120	03:51 48S	09:31 241
2025 Apr 19 (Sat)	23:57 119	04:44 47S	10:25 241
2025 Apr 20 (Sun)		05:38 49S	11:21 242
2025 Apr 21 (Mon)	00:47 116	06:32 52S	12:18 246
2025 Apr 22 (Tue)	01:34 112	07:23 56S	13:15 250
2025 Apr 23 (Wed)	02:19 107	08:14 62S	14:11 256
2025 Apr 24 (Thu)	03:02 100	09:03 68S	15:08 263
2025 Apr 25 (Fri)	03:43 93	09:52 75S	16:04 271
2025 Apr 26 (Sat)	04:26 85	10:42 83S	17:03 278
2025 Apr 27 (Sun)	05:10 78	11:35 90S	18:04 286
2025 Apr 28 (Mon)	05:58 71	12:32 85N	19:09 292
2025 Apr 29 (Tue)	06:52 66	13:33 80N	20:17 296
2025 Apr 30 (Wed)	07:50 62	14:37 77N	21:24 299
2025 May 01 (Thu)	08:53 61	15:41 76N	22:29 299
2025 May 02 (Fri)	09:57 61	16:43 77N	23:27 298
2025 May 03 (Sat)	10:59 64	17:40 80N	
2025 May 04 (Sun)	11:56 68	18:32 84N	00:19 294
2025 May 05 (Mon)	12:50 73	19:19 90N	01:04 290
2025 May 06 (Tue)	13:40 79	20:01 86S	01:44 284
2025 May 07 (Wed)	14:27 85	20:42 80S	02:20 278
2025 May 08 (Thu)	15:12 91	21:21 74S	02:54 272
2025 May 09 (Fri)	15:57 97	22:00 68S	03:27 266
2025 May 10 (Sat)	16:43 102	22:41 63S	04:00 261
2025 May 11 (Sun)	17:31 108	23:23 58S	04:35 255
2025 May 12 (Mon)	18:20 112		05:13 250
2025 May 13 (Tue)	19:12 116	00:08 54S	05:53 246
2025 May 14 (Wed)	20:05 118	00:56 50S	06:38 243
2025 May 15 (Thu)	20:59 119	01:47 48S	07:27 241
2025 May 16 (Fri)	21:53 119	02:40 47S	08:20 241
2025 May 17 (Sat)	22:43 117	03:34 48S	09:16 242
2025 May 18 (Sun)	23:31 113	04:27 51S	10:12 245
2025 May 19 (Mon)		05:18 55S	11:08 249
2025 May 20 (Tue)	00:15 108	06:08 60S	12:03 254
2025 May 21 (Wed)	00:57 103	06:55 66S	12:57 261
2025 May 22 (Thu)	01:37 96	07:43 72S	13:51 268
2025 May 23 (Fri)	02:18 89	08:30 79S	14:47 275
2025 May 24 (Sat)	03:00 82	09:20 87S	15:45 282
2025 May 25 (Sun)	03:45 75	10:14 88N	16:47 289
2025 May 26 (Mon)	04:35 68	11:12 82N	17:53 294
2025 May 27 (Tue)	05:31 64	12:15 78N	19:01 298
2025 May 28 (Wed)	06:33 61	13:20 76N	20:09 299
2025 May 29 (Thu)	07:38 61	14:25 77N	21:12 299
2025 May 30 (Fri)	08:42 63	15:27 79N	22:08 296
2025 May 31 (Sat)	09:44 66	16:22 83N	22:57 291
2025 Jun 01 (Sun)	10:41 71	17:12 88N	23:40 286
2025 Jun 02 (Mon)	11:34 77	17:58 88S	
2025 Jun 03 (Tue)	12:22 83	18:40 82S	00:19 280
2025 Jun 04 (Wed)	13:09 89	19:20 76S	00:54 274
2025 Jun 05 (Thu)	13:54 95	19:59 70S	01:27 268
2025 Jun 06 (Fri)	14:40 101	20:39 65S	02:01 262
2025 Jun 07 (Sat)	15:27 106	21:20 59S	02:35 257
2025 Jun 08 (Sun)	16:15 111	22:04 55S	03:12 252
2025 Jun 09 (Mon)	17:06 115	22:52 51S	03:51 247
2025 Jun 10 (Tue)	18:00 118	23:42 49S	04:35 244
2025 Jun 11 (Wed)	18:54 119		05:23 241
2025 Jun 12 (Thu)	19:48 119	00:35 48S	06:16 241
2025 Jun 13 (Fri)	20:40 118	01:29 48S	07:11 241
2025 Jun 14 (Sat)	21:29 114	02:23 50S	08:07 244
2025 Jun 15 (Sun)	22:14 110	03:15 53S	09:04 248
2025 Jun 16 (Mon)	22:56 104	04:05 58S	09:59 253
2025 Jun 17 (Tue)	23:36 98	04:53 64S	10:52 259
2025 Jun 18 (Wed)		05:39 70S	11:46 265
2025 Jun 19 (Thu)	00:15 91	06:25 77S	12:39 272
2025 Jun 20 (Fri)	00:55 84	07:13 84S	13:34 280

2025 Jun 21 (Sat)	01:38 77	08:03 91N	14:32 286
2025 Jun 22 (Sun)	02:24 71	08:57 85N	15:34 292
2025 Jun 23 (Mon)	03:16 66	09:56 80N	16:40 296
2025 Jun 24 (Tue)	04:14 62	11:00 77N	17:47 299
2025 Jun 25 (Wed)	05:17 61	12:05 76N	18:53 299
2025 Jun 26 (Thu)	06:22 62	13:09 78N	19:53 297
2025 Jun 27 (Fri)	07:27 64	14:08 81N	20:46 293
2025 Jun 28 (Sat)	08:27 69	15:02 85N	21:33 288
2025 Jun 29 (Sun)	09:23 74	15:50 90S	22:14 283
2025 Jun 30 (Mon)	10:14 80	16:34 84S	22:51 277
2025 Jul 01 (Tue)	11:02 86	17:16 78S	23:26 270
2025 Jul 02 (Wed)	11:49 93	17:56 72S	24:00 264
2025 Jul 03 (Thu)	12:35 99	18:36 67S	
2025 Jul 04 (Fri)	13:21 104	19:17 61S	00:34 259
2025 Jul 05 (Sat)	14:09 109	20:00 56S	01:10 253
2025 Jul 06 (Sun)	14:59 114	20:46 52S	01:48 249
2025 Jul 07 (Mon)	15:52 117	21:35 49S	02:30 245
2025 Jul 08 (Tue)	16:46 119	22:27 48S	03:17 242
2025 Jul 09 (Wed)	17:41 119	23:22 48S	04:08 241
2025 Jul 10 (Thu)	18:34 118		05:03 241
2025 Jul 11 (Fri)	19:25 115	00:17 49S	06:00 243
2025 Jul 12 (Sat)	20:12 111	01:10 52S	06:57 246
2025 Jul 13 (Sun)	20:56 106	02:02 57S	07:54 251
2025 Jul 14 (Mon)	21:36 100	02:51 62S	08:49 257
2025 Jul 15 (Tue)	22:16 93	03:38 68S	09:42 264
2025 Jul 16 (Wed)	22:55 86	04:24 75S	10:35 271
2025 Jul 17 (Thu)	23:36 79	05:10 82S	11:29 278
2025 Jul 18 (Fri)		05:59 89S	12:25 284
2025 Jul 19 (Sat)	00:20 73	06:50 86N	13:25 290
2025 Jul 20 (Sun)	01:08 67	07:46 81N	14:27 295
2025 Jul 21 (Mon)	02:02 63	08:46 78N	15:32 298
2025 Jul 22 (Tue)	03:02 61	09:49 76N	16:37 299
2025 Jul 23 (Wed)	04:05 61	10:53 77N	17:39 298
2025 Jul 24 (Thu)	05:09 63	11:53 79N	18:34 295
2025 Jul 25 (Fri)	06:11 67	12:49 83N	19:24 291
2025 Jul 26 (Sat)	07:09 72	13:40 88N	20:07 285
2025 Jul 27 (Sun)	08:03 78	14:26 87S	20:46 279
2025 Jul 28 (Mon)	08:53 84	15:10 81S	21:23 273
2025 Jul 29 (Tue)	09:41 90	15:51 75S	21:57 267
2025 Jul 30 (Wed)	10:28 96	16:31 69S	22:31 261
2025 Jul 31 (Thu)	11:14 102	17:12 63S	23:07 255
2025 Aug 01 (Fri)	12:02 108	17:54 58S	23:44 250
2025 Aug 02 (Sat)	12:51 112	18:39 54S	
2025 Aug 03 (Sun)	13:43 116	19:27 50S	00:25 246
2025 Aug 04 (Mon)	14:36 118	20:18 48S	01:09 243
2025 Aug 05 (Tue)	15:31 120	21:11 47S	01:59 241
2025 Aug 06 (Wed)	16:25 119	22:06 48S	02:52 241
2025 Aug 07 (Thu)	17:17 117	23:01 51S	03:49 242
2025 Aug 08 (Fri)	18:06 113	23:54 55S	04:46 245
2025 Aug 09 (Sat)	18:51 108		05:44 249
2025 Aug 10 (Sun)	19:34 102	00:44 60S	06:41 255
2025 Aug 11 (Mon)	20:15 95	01:33 66S	07:36 261
2025 Aug 12 (Tue)	20:55 88	02:21 73S	08:30 268
2025 Aug 13 (Wed)	21:35 81	03:08 80S	09:25 276
2025 Aug 14 (Thu)	22:18 74	03:56 87S	10:21 283
2025 Aug 15 (Fri)	23:05 69	04:47 88N	11:19 289
2025 Aug 16 (Sat)	23:57 64	05:41 83N	12:20 294
2025 Aug 17 (Sun)		06:39 79N	13:24 298
2025 Aug 18 (Mon)	00:54 61	07:40 76N	14:28 299
2025 Aug 19 (Tue)	01:55 60	08:42 76N	15:29 299
2025 Aug 20 (Wed)	02:58 62	09:43 78N	16:26 297
2025 Aug 21 (Thu)	03:59 65	10:40 81N	17:17 293
2025 Aug 22 (Fri)	04:58 69	11:32 86N	18:02 288
2025 Aug 23 (Sat)	05:53 75	12:19 90S	18:42 282
2025 Aug 24 (Sun)	06:44 81	13:03 84S	19:19 276
2025 Aug 25 (Mon)	07:33 88	13:45 77S	19:54 269
2025 Aug 26 (Tue)	08:20 94	14:26 71S	20:29 263

2025 Aug 27 (Wed)	09:07 100	15:07 65S	21:04 257
2025 Aug 28 (Thu)	09:54 106	15:49 60S	21:40 252
2025 Aug 29 (Fri)	10:43 111	16:32 55S	22:20 247
2025 Aug 30 (Sat)	11:34 115	17:19 51S	23:02 244
2025 Aug 31 (Sun)	12:26 118	18:08 49S	23:49 241
2025 Sep 01 (Mon)	13:20 119	19:00 47S	
2025 Sep 02 (Tue)	14:14 120	19:54 48S	00:40 240
2025 Sep 03 (Wed)	15:06 118	20:48 49S	01:35 241
2025 Sep 04 (Thu)	15:56 115	21:42 53S	02:32 243
2025 Sep 05 (Fri)	16:43 111	22:33 57S	03:30 247
2025 Sep 06 (Sat)	17:27 105	23:23 63S	04:27 252
2025 Sep 07 (Sun)	18:09 98		05:23 258
2025 Sep 08 (Mon)	18:50 91	00:12 70S	06:19 265
2025 Sep 09 (Tue)	19:32 84	01:00 77S	07:15 273
2025 Sep 10 (Wed)	20:15 77	01:50 84S	08:12 280
2025 Sep 11 (Thu)	21:02 70	02:41 90N	09:11 287
2025 Sep 12 (Fri)	21:53 65	03:35 84N	10:13 293
2025 Sep 13 (Sat)	22:49 62	04:34 80N	11:17 297
2025 Sep 14 (Sun)	23:49 60	05:34 77N	12:22 299
2025 Sep 15 (Mon)		06:37 76N	13:24 299
2025 Sep 16 (Tue)	00:51 61	07:37 77N	14:22 298
2025 Sep 17 (Wed)	01:52 64	08:34 80N	15:13 294
2025 Sep 18 (Thu)	02:51 68	09:27 84N	15:59 290
2025 Sep 19 (Fri)	03:46 73	10:15 90N	16:40 284
2025 Sep 20 (Sat)	04:38 79	11:00 86S	17:18 278
2025 Sep 21 (Sun)	05:27 85	11:42 80S	17:53 272
2025 Sep 22 (Mon)	06:14 91	12:23 73S	18:28 265
2025 Sep 23 (Tue)	07:01 98	13:03 67S	19:02 260
2025 Sep 24 (Wed)	07:48 103	13:45 62S	19:38 254
2025 Sep 25 (Thu)	08:36 109	14:28 57S	20:16 249
2025 Sep 26 (Fri)	09:26 113	15:13 53S	20:58 245
2025 Sep 27 (Sat)	10:18 117	16:01 50S	21:43 242
2025 Sep 28 (Sun)	11:11 119	16:51 48S	22:32 241
2025 Sep 29 (Mon)	12:04 120	17:44 47S	23:24 241
2025 Sep 30 (Tue)	12:56 119	18:37 48S	
2025 Oct 01 (Wed)	13:46 117	19:29 51S	00:19 242
2025 Oct 02 (Thu)	14:33 113	20:21 55S	01:15 245
2025 Oct 03 (Fri)	15:17 108	21:11 60S	02:11 249
2025 Oct 04 (Sat)	16:00 102	22:00 67S	03:07 255
2025 Oct 05 (Sun)	16:41 95	22:48 74S	04:03 262
2025 Oct 06 (Mon)	17:23 87	23:37 81S	04:58 269
2025 Oct 07 (Tue)	18:06 80		05:56 276
2025 Oct 08 (Wed)	18:52 73	00:29 88S	06:55 284
2025 Oct 09 (Thu)	19:43 67	01:23 87N	07:58 290
2025 Oct 10 (Fri)	20:40 63	02:22 81N	09:04 295
2025 Oct 11 (Sat)	21:40 61	03:24 78N	10:11 298
2025 Oct 12 (Sun)	22:44 61	04:28 76N	11:16 299
2025 Oct 13 (Mon)	23:47 63	05:31 77N	12:17 298
2025 Oct 14 (Tue)		06:30 79N	13:11 295
2025 Oct 15 (Wed)	00:46 66	07:24 83N	13:58 291
2025 Oct 16 (Thu)	01:42 71	08:13 88N	14:41 286
2025 Oct 17 (Fri)	02:35 77	08:58 88S	15:19 280
2025 Oct 18 (Sat)	03:24 83	09:41 82S	15:54 274
2025 Oct 19 (Sun)	04:11 89	10:21 76S	16:29 268
2025 Oct 20 (Mon)	04:57 96	11:02 70S	17:03 262
2025 Oct 21 (Tue)	05:44 101	11:42 64S	17:38 256
2025 Oct 22 (Wed)	06:32 107	12:25 59S	18:15 251
2025 Oct 23 (Thu)	07:21 112	13:09 54S	18:55 247
2025 Oct 24 (Fri)	08:12 115	13:56 51S	19:39 243
2025 Oct 25 (Sat)	09:04 118	14:46 49S	20:26 241
2025 Oct 26 (Sun)	09:57 119	15:37 48S	21:17 241
2025 Oct 27 (Mon)	10:49 119	16:29 48S	22:10 241
2025 Oct 28 (Tue)	11:39 118	17:21 50S	23:05 244
2025 Oct 29 (Wed)	12:26 114	18:12 53S	24:00 247
2025 Oct 30 (Thu)	13:10 110	19:00 58S	
2025 Oct 31 (Fri)	13:52 105	19:48 64S	00:54 252
2025 Nov 01 (Sat)	14:32 98	20:35 70S	01:47 258

2025 Nov 02 (Sun)	15:12 91	21:23 77S	02:41 265
2025 Nov 03 (Mon)	15:54 84	22:12 84S	03:37 273
2025 Nov 04 (Tue)	16:39 77	23:05 90N	04:35 280
2025 Nov 05 (Wed)	17:28 70		05:36 287
2025 Nov 06 (Thu)	18:23 65	00:03 84N	06:41 293
2025 Nov 07 (Fri)	19:24 62	01:05 79N	07:50 297
2025 Nov 08 (Sat)	20:29 61	02:11 77N	08:59 299
2025 Nov 09 (Sun)	21:35 62	03:17 76N	10:04 299
2025 Nov 10 (Mon)	22:38 65	04:20 78N	11:03 296
2025 Nov 11 (Tue)	23:37 70	05:18 82N	11:55 292
2025 Nov 12 (Wed)		06:10 86N	12:39 287
2025 Nov 13 (Thu)	00:31 75	06:57 89S	13:19 282
2025 Nov 14 (Fri)	01:21 81	07:40 83S	13:56 276
2025 Nov 15 (Sat)	02:09 88	08:21 77S	14:30 269
2025 Nov 16 (Sun)	02:55 94	09:01 71S	15:04 263
2025 Nov 17 (Mon)	03:42 100	09:42 66S	15:39 258
2025 Nov 18 (Tue)	04:28 105	10:23 60S	16:15 252
2025 Nov 19 (Wed)	05:17 110	11:07 56S	16:54 248
2025 Nov 20 (Thu)	06:07 114	11:53 52S	17:37 244
2025 Nov 21 (Fri)	06:59 117	12:42 49S	18:23 242
2025 Nov 22 (Sat)	07:52 119	13:33 48S	19:13 241
2025 Nov 23 (Sun)	08:44 119	14:25 48S	20:06 241
2025 Nov 24 (Mon)	09:35 118	15:17 49S	21:00 243
2025 Nov 25 (Tue)	10:22 115	16:07 52S	21:54 246
2025 Nov 26 (Wed)	11:06 111	16:55 56S	22:47 251
2025 Nov 27 (Thu)	11:48 106	17:42 62S	23:39 256
2025 Nov 28 (Fri)	12:27 101	18:27 67S	
2025 Nov 29 (Sat)	13:06 94	19:13 74S	00:31 263
2025 Nov 30 (Sun)	13:45 87	19:59 81S	01:23 269
2025 Dec 01 (Mon)	14:27 80	20:49 88S	02:17 276
2025 Dec 02 (Tue)	15:12 73	21:43 87N	03:15 283
2025 Dec 03 (Wed)	16:03 68	22:42 82N	04:17 290
2025 Dec 04 (Thu)	17:01 63	23:46 78N	05:24 295
2025 Dec 05 (Fri)	18:05 61		06:33 298
2025 Dec 06 (Sat)	19:13 61	00:54 76N	07:42 299
2025 Dec 07 (Sun)	20:20 64	02:01 77N	08:46 298
2025 Dec 08 (Mon)	21:23 68	03:03 80N	09:43 294
2025 Dec 09 (Tue)	22:22 73	04:00 85N	10:33 289
2025 Dec 10 (Wed)	23:15 79	04:50 90N	11:16 284
2025 Dec 11 (Thu)		05:36 85S	11:54 278
2025 Dec 12 (Fri)	00:05 86	06:19 79S	12:30 271
2025 Dec 13 (Sat)	00:52 92	07:00 73S	13:05 265
2025 Dec 14 (Sun)	01:39 98	07:40 67S	13:39 259
2025 Dec 15 (Mon)	02:25 104	08:21 62S	14:15 254
2025 Dec 16 (Tue)	03:13 109	09:04 57S	14:53 249
2025 Dec 17 (Wed)	04:03 113	09:50 53S	15:35 245
2025 Dec 18 (Thu)	04:54 116	10:38 50S	16:20 242
2025 Dec 19 (Fri)	05:47 119	11:28 48S	17:09 241
2025 Dec 20 (Sat)	06:40 119	12:21 48S	18:01 241
2025 Dec 21 (Sun)	07:31 118	13:13 49S	18:55 242
2025 Dec 22 (Mon)	08:20 116	14:04 51S	19:50 245
2025 Dec 23 (Tue)	09:05 113	14:53 55S	20:43 250
2025 Dec 24 (Wed)	09:47 108	15:40 60S	21:35 255
2025 Dec 25 (Thu)	10:27 102	16:25 66S	22:26 261
2025 Dec 26 (Fri)	11:05 96	17:09 72S	23:17 267
2025 Dec 27 (Sat)	11:43 89	17:54 79S	
2025 Dec 28 (Sun)	12:22 83	18:40 85S	00:09 274
2025 Dec 29 (Mon)	13:04 76	19:30 90N	01:03 281
2025 Dec 30 (Tue)	13:50 70	20:25 84N	02:00 287
2025 Dec 31 (Wed)	14:43 65	21:24 79N	03:03 293