

Sun

VTMG

Location: E101°22'00.0", N14°21'00.0", 4230m
(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)	05:49	06:39 114		12:18 53S	17:57 246		18:47
2025 Jan 02 (Thu)	05:50	06:40 113		12:19 53S	17:58 247		18:47
2025 Jan 03 (Fri)	05:50	06:40 113		12:19 54S	17:58 247		18:48
2025 Jan 04 (Sat)	05:51	06:40 113		12:19 54S	17:59 247		18:48
2025 Jan 05 (Sun)	05:51	06:41 113		12:20 54S	17:59 247		18:49
2025 Jan 06 (Mon)	05:51	06:41 113		12:20 54S	18:00 247		18:50
2025 Jan 07 (Tue)	05:52	06:41 113		12:21 54S	18:01 247		18:50
2025 Jan 08 (Wed)	05:52	06:41 113		12:21 54S	18:01 247		18:51
2025 Jan 09 (Thu)	05:52	06:42 113		12:22 54S	18:02 247		18:51
2025 Jan 10 (Fri)	05:52	06:42 112		12:22 54S	18:02 248		18:52
2025 Jan 11 (Sat)	05:53	06:42 112		12:22 55S	18:03 248		18:52
2025 Jan 12 (Sun)	05:53	06:42 112		12:23 55S	18:03 248		18:53
2025 Jan 13 (Mon)	05:53	06:43 112		12:23 55S	18:04 248		18:53
2025 Jan 14 (Tue)	05:53	06:43 112		12:24 55S	18:05 248		18:54
2025 Jan 15 (Wed)	05:54	06:43 112		12:24 55S	18:05 248		18:54
2025 Jan 16 (Thu)	05:54	06:43 111		12:24 55S	18:06 249		18:55
2025 Jan 17 (Fri)	05:54	06:43 111		12:25 56S	18:06 249		18:55
2025 Jan 18 (Sat)	05:54	06:43 111		12:25 56S	18:07 249		18:56
2025 Jan 19 (Sun)	05:54	06:43 111		12:25 56S	18:07 249		18:56
2025 Jan 20 (Mon)	05:54	06:43 111		12:26 56S	18:08 250		18:57
2025 Jan 21 (Tue)	05:55	06:43 110		12:26 57S	18:08 250		18:57
2025 Jan 22 (Wed)	05:55	06:43 110		12:26 57S	18:09 250		18:58
2025 Jan 23 (Thu)	05:55	06:43 110		12:26 57S	18:09 250		18:58
2025 Jan 24 (Fri)	05:55	06:43 110		12:27 57S	18:10 250		18:59
2025 Jan 25 (Sat)	05:55	06:43 109		12:27 57S	18:11 251		18:59
2025 Jan 26 (Sun)	05:55	06:43 109		12:27 58S	18:11 251		18:59
2025 Jan 27 (Mon)	05:55	06:43 109		12:27 58S	18:11 251		19:00
2025 Jan 28 (Tue)	05:55	06:43 109		12:27 58S	18:12 252		19:00
2025 Jan 29 (Wed)	05:55	06:43 108		12:28 58S	18:12 252		19:01
2025 Jan 30 (Thu)	05:55	06:43 108		12:28 59S	18:13 252		19:01
2025 Jan 31 (Fri)	05:55	06:43 108		12:28 59S	18:13 252		19:01
2025 Feb 01 (Sat)	05:55	06:42 107		12:28 59S	18:14 253		19:02
2025 Feb 02 (Sun)	05:54	06:42 107		12:28 60S	18:14 253		19:02
2025 Feb 03 (Mon)	05:54	06:42 107		12:28 60S	18:15 253		19:03
2025 Feb 04 (Tue)	05:54	06:42 107		12:28 60S	18:15 254		19:03
2025 Feb 05 (Wed)	05:54	06:42 106		12:29 61S	18:16 254		19:03
2025 Feb 06 (Thu)	05:54	06:41 106		12:29 61S	18:16 254		19:04
2025 Feb 07 (Fri)	05:54	06:41 106		12:29 61S	18:16 255		19:04
2025 Feb 08 (Sat)	05:53	06:41 105		12:29 61S	18:17 255		19:04
2025 Feb 09 (Sun)	05:53	06:40 105		12:29 62S	18:17 255		19:04
2025 Feb 10 (Mon)	05:53	06:40 105		12:29 62S	18:17 256		19:05
2025 Feb 11 (Tue)	05:53	06:40 104		12:29 62S	18:18 256		19:05
2025 Feb 12 (Wed)	05:52	06:39 104		12:29 63S	18:18 256		19:05
2025 Feb 13 (Thu)	05:52	06:39 104		12:29 63S	18:18 257		19:06
2025 Feb 14 (Fri)	05:52	06:39 103		12:29 63S	18:19 257		19:06
2025 Feb 15 (Sat)	05:51	06:38 103		12:29 64S	18:19 257		19:06
2025 Feb 16 (Sun)	05:51	06:38 103		12:29 64S	18:19 258		19:06
2025 Feb 17 (Mon)	05:51	06:37 102		12:28 64S	18:20 258		19:07
2025 Feb 18 (Tue)	05:50	06:37 102		12:28 65S	18:20 258		19:07
2025 Feb 19 (Wed)	05:50	06:37 101		12:28 65S	18:20 259		19:07
2025 Feb 20 (Thu)	05:49	06:36 101		12:28 66S	18:21 259		19:07
2025 Feb 21 (Fri)	05:49	06:36 101		12:28 66S	18:21 260		19:08
2025 Feb 22 (Sat)	05:48	06:35 100		12:28 66S	18:21 260		19:08
2025 Feb 23 (Sun)	05:48	06:35 100		12:28 67S	18:21 260		19:08
2025 Feb 24 (Mon)	05:47	06:34 100		12:28 67S	18:22 261		19:08

2025	Feb	25	(Tue)	05:47	06:33	99	12:28	67S	18:22	261	19:08
2025	Feb	26	(Wed)	05:46	06:33	99	12:27	68S	18:22	261	19:09
2025	Feb	27	(Thu)	05:46	06:32	98	12:27	68S	18:22	262	19:09
2025	Feb	28	(Fri)	05:45	06:32	98	12:27	68S	18:22	262	19:09
2025	Mar	01	(Sat)	05:45	06:31	98	12:27	69S	18:23	263	19:09
2025	Mar	02	(Sun)	05:44	06:31	97	12:27	69S	18:23	263	19:09
2025	Mar	03	(Mon)	05:44	06:30	97	12:26	70S	18:23	263	19:09
2025	Mar	04	(Tue)	05:43	06:29	96	12:26	70S	18:23	264	19:09
2025	Mar	05	(Wed)	05:43	06:29	96	12:26	70S	18:23	264	19:10
2025	Mar	06	(Thu)	05:42	06:28	96	12:26	71S	18:24	265	19:10
2025	Mar	07	(Fri)	05:41	06:28	95	12:26	71S	18:24	265	19:10
2025	Mar	08	(Sat)	05:41	06:27	95	12:25	72S	18:24	265	19:10
2025	Mar	09	(Sun)	05:40	06:26	94	12:25	72S	18:24	266	19:10
2025	Mar	10	(Mon)	05:39	06:26	94	12:25	72S	18:24	266	19:10
2025	Mar	11	(Tue)	05:39	06:25	94	12:25	73S	18:24	267	19:10
2025	Mar	12	(Wed)	05:38	06:24	93	12:24	73S	18:24	267	19:11
2025	Mar	13	(Thu)	05:38	06:24	93	12:24	74S	18:25	267	19:11
2025	Mar	14	(Fri)	05:37	06:23	92	12:24	74S	18:25	268	19:11
2025	Mar	15	(Sat)	05:36	06:22	92	12:23	74S	18:25	268	19:11
2025	Mar	16	(Sun)	05:35	06:22	92	12:23	75S	18:25	269	19:11
2025	Mar	17	(Mon)	05:35	06:21	91	12:23	75S	18:25	269	19:11
2025	Mar	18	(Tue)	05:34	06:20	91	12:23	76S	18:25	269	19:11
2025	Mar	19	(Wed)	05:33	06:19	90	12:22	76S	18:25	270	19:11
2025	Mar	20	(Thu)	05:33	06:19	90	12:22	76S	18:25	270	19:12
2025	Mar	21	(Fri)	05:32	06:18	90	12:22	77S	18:25	271	19:12
2025	Mar	22	(Sat)	05:31	06:17	89	12:21	77S	18:26	271	19:12
2025	Mar	23	(Sun)	05:31	06:17	89	12:21	77S	18:26	271	19:12
2025	Mar	24	(Mon)	05:30	06:16	88	12:21	78S	18:26	272	19:12
2025	Mar	25	(Tue)	05:29	06:15	88	12:20	78S	18:26	272	19:12
2025	Mar	26	(Wed)	05:28	06:15	88	12:20	79S	18:26	273	19:12
2025	Mar	27	(Thu)	05:28	06:14	87	12:20	79S	18:26	273	19:12
2025	Mar	28	(Fri)	05:27	06:13	87	12:20	79S	18:26	274	19:12
2025	Mar	29	(Sat)	05:26	06:12	86	12:19	80S	18:26	274	19:13
2025	Mar	30	(Sun)	05:25	06:12	86	12:19	80S	18:26	274	19:13
2025	Mar	31	(Mon)	05:25	06:11	85	12:19	81S	18:27	275	19:13
2025	Apr	01	(Tue)	05:24	06:10	85	12:18	81S	18:27	275	19:13
2025	Apr	02	(Wed)	05:23	06:10	85	12:18	81S	18:27	276	19:13
2025	Apr	03	(Thu)	05:23	06:09	84	12:18	82S	18:27	276	19:13
2025	Apr	04	(Fri)	05:22	06:08	84	12:18	82S	18:27	276	19:13
2025	Apr	05	(Sat)	05:21	06:08	84	12:17	83S	18:27	277	19:14
2025	Apr	06	(Sun)	05:20	06:07	83	12:17	83S	18:27	277	19:14
2025	Apr	07	(Mon)	05:20	06:06	83	12:17	83S	18:27	277	19:14
2025	Apr	08	(Tue)	05:19	06:06	82	12:16	84S	18:27	278	19:14
2025	Apr	09	(Wed)	05:18	06:05	82	12:16	84S	18:28	278	19:14
2025	Apr	10	(Thu)	05:17	06:04	82	12:16	84S	18:28	279	19:14
2025	Apr	11	(Fri)	05:17	06:04	81	12:16	85S	18:28	279	19:15
2025	Apr	12	(Sat)	05:16	06:03	81	12:15	85S	18:28	279	19:15
2025	Apr	13	(Sun)	05:15	06:02	80	12:15	85S	18:28	280	19:15
2025	Apr	14	(Mon)	05:15	06:02	80	12:15	86S	18:28	280	19:15
2025	Apr	15	(Tue)	05:14	06:01	80	12:15	86S	18:28	280	19:15
2025	Apr	16	(Wed)	05:13	06:00	79	12:14	87S	18:28	281	19:16
2025	Apr	17	(Thu)	05:13	06:00	79	12:14	87S	18:29	281	19:16
2025	Apr	18	(Fri)	05:12	05:59	79	12:14	87S	18:29	282	19:16
2025	Apr	19	(Sat)	05:11	05:59	78	12:14	88S	18:29	282	19:16
2025	Apr	20	(Sun)	05:11	05:58	78	12:13	88S	18:29	282	19:17
2025	Apr	21	(Mon)	05:10	05:57	78	12:13	88S	18:29	283	19:17
2025	Apr	22	(Tue)	05:09	05:57	77	12:13	89S	18:29	283	19:17
2025	Apr	23	(Wed)	05:09	05:56	77	12:13	89S	18:30	283	19:17
2025	Apr	24	(Thu)	05:08	05:56	76	12:13	89S	18:30	284	19:18
2025	Apr	25	(Fri)	05:07	05:55	76	12:12	90S	18:30	284	19:18
2025	Apr	26	(Sat)	05:07	05:55	76	12:12	90S	18:30	284	19:18
2025	Apr	27	(Sun)	05:06	05:54	75	12:12	90S	18:30	285	19:18
2025	Apr	28	(Mon)	05:06	05:54	75	12:12	91S	18:30	285	19:19
2025	Apr	29	(Tue)	05:05	05:53	75	12:12	91N	18:31	285	19:19
2025	Apr	30	(Wed)	05:05	05:53	75	12:12	90N	18:31	286	19:19
2025	May	01	(Thu)	05:04	05:52	74	12:12	90N	18:31	286	19:20
2025	May	02	(Fri)	05:03	05:52	74	12:12	90N	18:31	286	19:20

2025	May	03	(Sat)	05:03	05:51	74	12:11	89N	18:32	287	19:20
2025	May	04	(Sun)	05:02	05:51	73	12:11	89N	18:32	287	19:20
2025	May	05	(Mon)	05:02	05:51	73	12:11	89N	18:32	287	19:21
2025	May	06	(Tue)	05:01	05:50	73	12:11	88N	18:32	287	19:21
2025	May	07	(Wed)	05:01	05:50	72	12:11	88N	18:33	288	19:21
2025	May	08	(Thu)	05:00	05:49	72	12:11	88N	18:33	288	19:22
2025	May	09	(Fri)	05:00	05:49	72	12:11	88N	18:33	288	19:22
2025	May	10	(Sat)	05:00	05:49	72	12:11	87N	18:33	289	19:23
2025	May	11	(Sun)	04:59	05:48	71	12:11	87N	18:34	289	19:23
2025	May	12	(Mon)	04:59	05:48	71	12:11	87N	18:34	289	19:23
2025	May	13	(Tue)	04:58	05:48	71	12:11	87N	18:34	289	19:24
2025	May	14	(Wed)	04:58	05:47	71	12:11	86N	18:34	290	19:24
2025	May	15	(Thu)	04:58	05:47	70	12:11	86N	18:35	290	19:24
2025	May	16	(Fri)	04:57	05:47	70	12:11	86N	18:35	290	19:25
2025	May	17	(Sat)	04:57	05:47	70	12:11	86N	18:35	290	19:25
2025	May	18	(Sun)	04:57	05:46	70	12:11	85N	18:36	291	19:25
2025	May	19	(Mon)	04:56	05:46	69	12:11	85N	18:36	291	19:26
2025	May	20	(Tue)	04:56	05:46	69	12:11	85N	18:36	291	19:26
2025	May	21	(Wed)	04:56	05:46	69	12:11	85N	18:37	291	19:27
2025	May	22	(Thu)	04:56	05:46	69	12:11	85N	18:37	291	19:27
2025	May	23	(Fri)	04:55	05:46	68	12:11	84N	18:37	292	19:27
2025	May	24	(Sat)	04:55	05:45	68	12:11	84N	18:37	292	19:28
2025	May	25	(Sun)	04:55	05:45	68	12:11	84N	18:38	292	19:28
2025	May	26	(Mon)	04:55	05:45	68	12:12	84N	18:38	292	19:29
2025	May	27	(Tue)	04:55	05:45	68	12:12	84N	18:38	292	19:29
2025	May	28	(Wed)	04:54	05:45	68	12:12	84N	18:39	293	19:29
2025	May	29	(Thu)	04:54	05:45	67	12:12	83N	18:39	293	19:30
2025	May	30	(Fri)	04:54	05:45	67	12:12	83N	18:39	293	19:30
2025	May	31	(Sat)	04:54	05:45	67	12:12	83N	18:40	293	19:31
2025	Jun	01	(Sun)	04:54	05:45	67	12:12	83N	18:40	293	19:31
2025	Jun	02	(Mon)	04:54	05:45	67	12:13	83N	18:40	293	19:31
2025	Jun	03	(Tue)	04:54	05:45	67	12:13	83N	18:41	293	19:32
2025	Jun	04	(Wed)	04:54	05:45	67	12:13	83N	18:41	293	19:32
2025	Jun	05	(Thu)	04:54	05:45	66	12:13	82N	18:41	294	19:32
2025	Jun	06	(Fri)	04:54	05:45	66	12:13	82N	18:42	294	19:33
2025	Jun	07	(Sat)	04:54	05:45	66	12:13	82N	18:42	294	19:33
2025	Jun	08	(Sun)	04:54	05:45	66	12:14	82N	18:42	294	19:33
2025	Jun	09	(Mon)	04:54	05:45	66	12:14	82N	18:43	294	19:34
2025	Jun	10	(Tue)	04:54	05:45	66	12:14	82N	18:43	294	19:34
2025	Jun	11	(Wed)	04:54	05:45	66	12:14	82N	18:43	294	19:34
2025	Jun	12	(Thu)	04:54	05:45	66	12:14	82N	18:43	294	19:35
2025	Jun	13	(Fri)	04:54	05:46	66	12:15	82N	18:44	294	19:35
2025	Jun	14	(Sat)	04:54	05:46	66	12:15	82N	18:44	294	19:35
2025	Jun	15	(Sun)	04:55	05:46	66	12:15	82N	18:44	294	19:36
2025	Jun	16	(Mon)	04:55	05:46	66	12:15	82N	18:44	294	19:36
2025	Jun	17	(Tue)	04:55	05:46	66	12:15	82N	18:45	294	19:36
2025	Jun	18	(Wed)	04:55	05:46	66	12:16	82N	18:45	294	19:36
2025	Jun	19	(Thu)	04:55	05:47	66	12:16	82N	18:45	294	19:37
2025	Jun	20	(Fri)	04:55	05:47	66	12:16	82N	18:45	294	19:37
2025	Jun	21	(Sat)	04:56	05:47	66	12:16	82N	18:46	294	19:37
2025	Jun	22	(Sun)	04:56	05:47	66	12:17	82N	18:46	294	19:37
2025	Jun	23	(Mon)	04:56	05:48	66	12:17	82N	18:46	294	19:37
2025	Jun	24	(Tue)	04:56	05:48	66	12:17	82N	18:46	294	19:38
2025	Jun	25	(Wed)	04:57	05:48	66	12:17	82N	18:46	294	19:38
2025	Jun	26	(Thu)	04:57	05:48	66	12:17	82N	18:47	294	19:38
2025	Jun	27	(Fri)	04:57	05:49	66	12:18	82N	18:47	294	19:38
2025	Jun	28	(Sat)	04:57	05:49	66	12:18	82N	18:47	294	19:38
2025	Jun	29	(Sun)	04:58	05:49	66	12:18	82N	18:47	294	19:38
2025	Jun	30	(Mon)	04:58	05:49	66	12:18	82N	18:47	294	19:38
2025	Jul	01	(Tue)	04:58	05:50	66	12:18	82N	18:47	294	19:39
2025	Jul	02	(Wed)	04:59	05:50	66	12:19	82N	18:47	294	19:39
2025	Jul	03	(Thu)	04:59	05:50	66	12:19	82N	18:47	294	19:39
2025	Jul	04	(Fri)	04:59	05:50	66	12:19	82N	18:48	294	19:39
2025	Jul	05	(Sat)	05:00	05:51	66	12:19	82N	18:48	294	19:39
2025	Jul	06	(Sun)	05:00	05:51	66	12:19	82N	18:48	294	19:39
2025	Jul	07	(Mon)	05:00	05:51	66	12:20	83N	18:48	294	19:39
2025	Jul	08	(Tue)	05:01	05:52	67	12:20	83N	18:48	293	19:39

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

2025 Sep 14 (Sun)	05:17	06:03	86	12:10	80S	18:17	274	19:03
2025 Sep 15 (Mon)	05:17	06:03	87	12:10	79S	18:16	273	19:02
2025 Sep 16 (Tue)	05:17	06:03	87	12:09	79S	18:15	273	19:01
2025 Sep 17 (Wed)	05:17	06:03	87	12:09	79S	18:14	272	19:01
2025 Sep 18 (Thu)	05:17	06:03	88	12:09	78S	18:14	272	19:00
2025 Sep 19 (Fri)	05:17	06:03	88	12:08	78S	18:13	272	18:59
2025 Sep 20 (Sat)	05:17	06:04	89	12:08	77S	18:12	271	18:58
2025 Sep 21 (Sun)	05:17	06:04	89	12:08	77S	18:11	271	18:58
2025 Sep 22 (Mon)	05:17	06:04	89	12:07	77S	18:11	270	18:57
2025 Sep 23 (Tue)	05:18	06:04	90	12:07	76S	18:10	270	18:56
2025 Sep 24 (Wed)	05:18	06:04	90	12:07	76S	18:09	270	18:55
2025 Sep 25 (Thu)	05:18	06:04	91	12:06	75S	18:08	269	18:55
2025 Sep 26 (Fri)	05:18	06:04	91	12:06	75S	18:08	269	18:54
2025 Sep 27 (Sat)	05:18	06:04	91	12:06	75S	18:07	268	18:53
2025 Sep 28 (Sun)	05:18	06:04	92	12:05	74S	18:06	268	18:52
2025 Sep 29 (Mon)	05:18	06:04	92	12:05	74S	18:06	268	18:52
2025 Sep 30 (Tue)	05:18	06:04	93	12:05	73S	18:05	267	18:51
2025 Oct 01 (Wed)	05:18	06:04	93	12:04	73S	18:04	267	18:50
2025 Oct 02 (Thu)	05:18	06:04	93	12:04	73S	18:03	266	18:50
2025 Oct 03 (Fri)	05:18	06:04	94	12:04	72S	18:03	266	18:49
2025 Oct 04 (Sat)	05:18	06:04	94	12:03	72S	18:02	266	18:48
2025 Oct 05 (Sun)	05:18	06:04	95	12:03	72S	18:01	265	18:47
2025 Oct 06 (Mon)	05:18	06:05	95	12:03	71S	18:01	265	18:47
2025 Oct 07 (Tue)	05:18	06:05	95	12:02	71S	18:00	264	18:46
2025 Oct 08 (Wed)	05:19	06:05	96	12:02	70S	17:59	264	18:45
2025 Oct 09 (Thu)	05:19	06:05	96	12:02	70S	17:59	264	18:45
2025 Oct 10 (Fri)	05:19	06:05	97	12:02	70S	17:58	263	18:44
2025 Oct 11 (Sat)	05:19	06:05	97	12:01	69S	17:57	263	18:44
2025 Oct 12 (Sun)	05:19	06:05	97	12:01	69S	17:57	262	18:43
2025 Oct 13 (Mon)	05:19	06:05	98	12:01	68S	17:56	262	18:42
2025 Oct 14 (Tue)	05:19	06:06	98	12:01	68S	17:55	262	18:42
2025 Oct 15 (Wed)	05:19	06:06	99	12:00	68S	17:55	261	18:41
2025 Oct 16 (Thu)	05:19	06:06	99	12:00	67S	17:54	261	18:41
2025 Oct 17 (Fri)	05:19	06:06	99	12:00	67S	17:54	260	18:40
2025 Oct 18 (Sat)	05:20	06:06	100	12:00	67S	17:53	260	18:40
2025 Oct 19 (Sun)	05:20	06:06	100	12:00	66S	17:52	260	18:39
2025 Oct 20 (Mon)	05:20	06:07	100	11:59	66S	17:52	259	18:39
2025 Oct 21 (Tue)	05:20	06:07	101	11:59	66S	17:51	259	18:38
2025 Oct 22 (Wed)	05:20	06:07	101	11:59	65S	17:51	259	18:38
2025 Oct 23 (Thu)	05:20	06:07	102	11:59	65S	17:50	258	18:37
2025 Oct 24 (Fri)	05:21	06:07	102	11:59	65S	17:50	258	18:37
2025 Oct 25 (Sat)	05:21	06:08	102	11:59	64S	17:49	258	18:36
2025 Oct 26 (Sun)	05:21	06:08	103	11:59	64S	17:49	257	18:36
2025 Oct 27 (Mon)	05:21	06:08	103	11:58	63S	17:48	257	18:36
2025 Oct 28 (Tue)	05:21	06:08	103	11:58	63S	17:48	257	18:35
2025 Oct 29 (Wed)	05:22	06:09	104	11:58	63S	17:48	256	18:35
2025 Oct 30 (Thu)	05:22	06:09	104	11:58	62S	17:47	256	18:34
2025 Oct 31 (Fri)	05:22	06:09	104	11:58	62S	17:47	255	18:34
2025 Nov 01 (Sat)	05:22	06:10	105	11:58	62S	17:46	255	18:34
2025 Nov 02 (Sun)	05:23	06:10	105	11:58	62S	17:46	255	18:34
2025 Nov 03 (Mon)	05:23	06:10	105	11:58	61S	17:46	255	18:33
2025 Nov 04 (Tue)	05:23	06:11	106	11:58	61S	17:45	254	18:33
2025 Nov 05 (Wed)	05:23	06:11	106	11:58	61S	17:45	254	18:33
2025 Nov 06 (Thu)	05:24	06:11	106	11:58	60S	17:45	254	18:33
2025 Nov 07 (Fri)	05:24	06:12	107	11:58	60S	17:45	253	18:32
2025 Nov 08 (Sat)	05:24	06:12	107	11:58	60S	17:44	253	18:32
2025 Nov 09 (Sun)	05:25	06:13	107	11:58	59S	17:44	253	18:32
2025 Nov 10 (Mon)	05:25	06:13	107	11:58	59S	17:44	252	18:32
2025 Nov 11 (Tue)	05:25	06:13	108	11:59	59S	17:44	252	18:32
2025 Nov 12 (Wed)	05:26	06:14	108	11:59	59S	17:43	252	18:32
2025 Nov 13 (Thu)	05:26	06:14	108	11:59	58S	17:43	252	18:32
2025 Nov 14 (Fri)	05:26	06:15	109	11:59	58S	17:43	251	18:31
2025 Nov 15 (Sat)	05:27	06:15	109	11:59	58S	17:43	251	18:31
2025 Nov 16 (Sun)	05:27	06:16	109	11:59	58S	17:43	251	18:31
2025 Nov 17 (Mon)	05:27	06:16	109	11:59	57S	17:43	250	18:31
2025 Nov 18 (Tue)	05:28	06:16	110	12:00	57S	17:43	250	18:31
2025 Nov 19 (Wed)	05:28	06:17	110	12:00	57S	17:43	250	18:31

2025 Nov 20 (Thu)	05:29	06:17	110	12:00	57S	17:43	250	18:31
2025 Nov 21 (Fri)	05:29	06:18	110	12:00	56S	17:43	250	18:32
2025 Nov 22 (Sat)	05:30	06:18	111	12:01	56S	17:43	249	18:32
2025 Nov 23 (Sun)	05:30	06:19	111	12:01	56S	17:43	249	18:32
2025 Nov 24 (Mon)	05:30	06:19	111	12:01	56S	17:43	249	18:32
2025 Nov 25 (Tue)	05:31	06:20	111	12:02	56S	17:43	249	18:32
2025 Nov 26 (Wed)	05:31	06:21	111	12:02	55S	17:43	248	18:32
2025 Nov 27 (Thu)	05:32	06:21	112	12:02	55S	17:43	248	18:32
2025 Nov 28 (Fri)	05:32	06:22	112	12:02	55S	17:43	248	18:33
2025 Nov 29 (Sat)	05:33	06:22	112	12:03	55S	17:43	248	18:33
2025 Nov 30 (Sun)	05:33	06:23	112	12:03	55S	17:44	248	18:33
2025 Dec 01 (Mon)	05:34	06:23	112	12:04	55S	17:44	248	18:33
2025 Dec 02 (Tue)	05:34	06:24	112	12:04	54S	17:44	247	18:33
2025 Dec 03 (Wed)	05:35	06:24	113	12:04	54S	17:44	247	18:34
2025 Dec 04 (Thu)	05:35	06:25	113	12:05	54S	17:44	247	18:34
2025 Dec 05 (Fri)	05:36	06:25	113	12:05	54S	17:45	247	18:34
2025 Dec 06 (Sat)	05:36	06:26	113	12:06	54S	17:45	247	18:35
2025 Dec 07 (Sun)	05:37	06:27	113	12:06	54S	17:45	247	18:35
2025 Dec 08 (Mon)	05:37	06:27	113	12:06	54S	17:46	247	18:35
2025 Dec 09 (Tue)	05:38	06:28	113	12:07	54S	17:46	247	18:36
2025 Dec 10 (Wed)	05:38	06:28	113	12:07	53S	17:46	246	18:36
2025 Dec 11 (Thu)	05:39	06:29	114	12:08	53S	17:47	246	18:36
2025 Dec 12 (Fri)	05:40	06:29	114	12:08	53S	17:47	246	18:37
2025 Dec 13 (Sat)	05:40	06:30	114	12:09	53S	17:47	246	18:37
2025 Dec 14 (Sun)	05:41	06:30	114	12:09	53S	17:48	246	18:38
2025 Dec 15 (Mon)	05:41	06:31	114	12:10	53S	17:48	246	18:38
2025 Dec 16 (Tue)	05:42	06:32	114	12:10	53S	17:49	246	18:39
2025 Dec 17 (Wed)	05:42	06:32	114	12:11	53S	17:49	246	18:39
2025 Dec 18 (Thu)	05:43	06:33	114	12:11	53S	17:50	246	18:40
2025 Dec 19 (Fri)	05:43	06:33	114	12:12	53S	17:50	246	18:40
2025 Dec 20 (Sat)	05:44	06:34	114	12:12	53S	17:51	246	18:40
2025 Dec 21 (Sun)	05:44	06:34	114	12:13	53S	17:51	246	18:41
2025 Dec 22 (Mon)	05:45	06:35	114	12:13	53S	17:52	246	18:41
2025 Dec 23 (Tue)	05:45	06:35	114	12:14	53S	17:52	246	18:42
2025 Dec 24 (Wed)	05:46	06:36	114	12:14	53S	17:53	246	18:42
2025 Dec 25 (Thu)	05:46	06:36	114	12:15	53S	17:53	246	18:43
2025 Dec 26 (Fri)	05:47	06:37	114	12:15	53S	17:54	246	18:44
2025 Dec 27 (Sat)	05:47	06:37	114	12:16	53S	17:54	246	18:44
2025 Dec 28 (Sun)	05:48	06:37	114	12:16	53S	17:55	246	18:45
2025 Dec 29 (Mon)	05:48	06:38	114	12:17	53S	17:55	246	18:45
2025 Dec 30 (Tue)	05:48	06:38	114	12:17	53S	17:56	246	18:46
2025 Dec 31 (Wed)	05:49	06:39	114	12:18	53S	17:56	246	18:46

Sun

VTMG

Location: E101°22'00.0", N14°21'00.0", 4230m
(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)	06:16	06:39	114	12:18 53S	17:57	246	18:20
2025 Jan 02 (Thu)	06:16	06:40	113	12:19 53S	17:58	247	18:21
2025 Jan 03 (Fri)	06:17	06:40	113	12:19 54S	17:58	247	18:21
2025 Jan 04 (Sat)	06:17	06:40	113	12:19 54S	17:59	247	18:22
2025 Jan 05 (Sun)	06:17	06:41	113	12:20 54S	17:59	247	18:22
2025 Jan 06 (Mon)	06:18	06:41	113	12:20 54S	18:00	247	18:23
2025 Jan 07 (Tue)	06:18	06:41	113	12:21 54S	18:01	247	18:24
2025 Jan 08 (Wed)	06:18	06:41	113	12:21 54S	18:01	247	18:24
2025 Jan 09 (Thu)	06:19	06:42	113	12:22 54S	18:02	247	18:25
2025 Jan 10 (Fri)	06:19	06:42	112	12:22 54S	18:02	248	18:25
2025 Jan 11 (Sat)	06:19	06:42	112	12:22 55S	18:03	248	18:26
2025 Jan 12 (Sun)	06:19	06:42	112	12:23 55S	18:03	248	18:26

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

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

2025	May	27	(Tue)	05:22	05:45	68	12:12	84N	18:38	292	19:02
2025	May	28	(Wed)	05:22	05:45	68	12:12	84N	18:39	293	19:02
2025	May	29	(Thu)	05:22	05:45	67	12:12	83N	18:39	293	19:02
2025	May	30	(Fri)	05:22	05:45	67	12:12	83N	18:39	293	19:03
2025	May	31	(Sat)	05:22	05:45	67	12:12	83N	18:40	293	19:03
2025	Jun	01	(Sun)	05:22	05:45	67	12:12	83N	18:40	293	19:03
2025	Jun	02	(Mon)	05:21	05:45	67	12:13	83N	18:40	293	19:04
2025	Jun	03	(Tue)	05:21	05:45	67	12:13	83N	18:41	293	19:04
2025	Jun	04	(Wed)	05:21	05:45	67	12:13	83N	18:41	293	19:04
2025	Jun	05	(Thu)	05:21	05:45	66	12:13	82N	18:41	294	19:05
2025	Jun	06	(Fri)	05:21	05:45	66	12:13	82N	18:42	294	19:05
2025	Jun	07	(Sat)	05:22	05:45	66	12:13	82N	18:42	294	19:05
2025	Jun	08	(Sun)	05:22	05:45	66	12:14	82N	18:42	294	19:06
2025	Jun	09	(Mon)	05:22	05:45	66	12:14	82N	18:43	294	19:06
2025	Jun	10	(Tue)	05:22	05:45	66	12:14	82N	18:43	294	19:06
2025	Jun	11	(Wed)	05:22	05:45	66	12:14	82N	18:43	294	19:07
2025	Jun	12	(Thu)	05:22	05:45	66	12:14	82N	18:43	294	19:07
2025	Jun	13	(Fri)	05:22	05:46	66	12:15	82N	18:44	294	19:07
2025	Jun	14	(Sat)	05:22	05:46	66	12:15	82N	18:44	294	19:07
2025	Jun	15	(Sun)	05:22	05:46	66	12:15	82N	18:44	294	19:08
2025	Jun	16	(Mon)	05:22	05:46	66	12:15	82N	18:44	294	19:08
2025	Jun	17	(Tue)	05:23	05:46	66	12:15	82N	18:45	294	19:08
2025	Jun	18	(Wed)	05:23	05:46	66	12:16	82N	18:45	294	19:09
2025	Jun	19	(Thu)	05:23	05:47	66	12:16	82N	18:45	294	19:09
2025	Jun	20	(Fri)	05:23	05:47	66	12:16	82N	18:45	294	19:09
2025	Jun	21	(Sat)	05:23	05:47	66	12:16	82N	18:46	294	19:09
2025	Jun	22	(Sun)	05:24	05:47	66	12:17	82N	18:46	294	19:09
2025	Jun	23	(Mon)	05:24	05:48	66	12:17	82N	18:46	294	19:10
2025	Jun	24	(Tue)	05:24	05:48	66	12:17	82N	18:46	294	19:10
2025	Jun	25	(Wed)	05:24	05:48	66	12:17	82N	18:46	294	19:10
2025	Jun	26	(Thu)	05:25	05:48	66	12:17	82N	18:47	294	19:10
2025	Jun	27	(Fri)	05:25	05:49	66	12:18	82N	18:47	294	19:10
2025	Jun	28	(Sat)	05:25	05:49	66	12:18	82N	18:47	294	19:10
2025	Jun	29	(Sun)	05:25	05:49	66	12:18	82N	18:47	294	19:11
2025	Jun	30	(Mon)	05:26	05:49	66	12:18	82N	18:47	294	19:11
2025	Jul	01	(Tue)	05:26	05:50	66	12:18	82N	18:47	294	19:11
2025	Jul	02	(Wed)	05:26	05:50	66	12:19	82N	18:47	294	19:11
2025	Jul	03	(Thu)	05:27	05:50	66	12:19	82N	18:47	294	19:11
2025	Jul	04	(Fri)	05:27	05:50	66	12:19	82N	18:48	294	19:11
2025	Jul	05	(Sat)	05:27	05:51	66	12:19	82N	18:48	294	19:11
2025	Jul	06	(Sun)	05:28	05:51	66	12:19	82N	18:48	294	19:11
2025	Jul	07	(Mon)	05:28	05:51	66	12:20	83N	18:48	294	19:11
2025	Jul	08	(Tue)	05:28	05:52	67	12:20	83N	18:48	293	19:11
2025	Jul	09	(Wed)	05:28	05:52	67	12:20	83N	18:48	293	19:11
2025	Jul	10	(Thu)	05:29	05:52	67	12:20	83N	18:48	293	19:11
2025	Jul	11	(Fri)	05:29	05:52	67	12:20	83N	18:48	293	19:11
2025	Jul	12	(Sat)	05:29	05:53	67	12:20	83N	18:48	293	19:11
2025	Jul	13	(Sun)	05:30	05:53	67	12:20	83N	18:47	293	19:11
2025	Jul	14	(Mon)	05:30	05:53	67	12:20	83N	18:47	293	19:11
2025	Jul	15	(Tue)	05:30	05:54	68	12:21	84N	18:47	292	19:11
2025	Jul	16	(Wed)	05:31	05:54	68	12:21	84N	18:47	292	19:10
2025	Jul	17	(Thu)	05:31	05:54	68	12:21	84N	18:47	292	19:10
2025	Jul	18	(Fri)	05:31	05:55	68	12:21	84N	18:47	292	19:10
2025	Jul	19	(Sat)	05:32	05:55	68	12:21	84N	18:47	292	19:10
2025	Jul	20	(Sun)	05:32	05:55	68	12:21	84N	18:47	291	19:10
2025	Jul	21	(Mon)	05:32	05:55	69	12:21	85N	18:46	291	19:09
2025	Jul	22	(Tue)	05:33	05:56	69	12:21	85N	18:46	291	19:09
2025	Jul	23	(Wed)	05:33	05:56	69	12:21	85N	18:46	291	19:09
2025	Jul	24	(Thu)	05:33	05:56	69	12:21	85N	18:46	291	19:09
2025	Jul	25	(Fri)	05:34	05:56	69	12:21	85N	18:46	290	19:08
2025	Jul	26	(Sat)	05:34	05:57	70	12:21	86N	18:45	290	19:08
2025	Jul	27	(Sun)	05:34	05:57	70	12:21	86N	18:45	290	19:08
2025	Jul	28	(Mon)	05:34	05:57	70	12:21	86N	18:45	290	19:08
2025	Jul	29	(Tue)	05:35	05:58	70	12:21	86N	18:44	289	19:07
2025	Jul	30	(Wed)	05:35	05:58	71	12:21	87N	18:44	289	19:07
2025	Jul	31	(Thu)	05:35	05:58	71	12:21	87N	18:44	289	19:06
2025	Aug	01	(Fri)	05:36	05:58	71	12:21	87N	18:43	289	19:06

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

2025	Oct	08	(Wed)	05:43	06:05	96	12:02	70S	17:59	264	18:21
2025	Oct	09	(Thu)	05:43	06:05	96	12:02	70S	17:59	264	18:20
2025	Oct	10	(Fri)	05:44	06:05	97	12:02	70S	17:58	263	18:19
2025	Oct	11	(Sat)	05:44	06:05	97	12:01	69S	17:57	263	18:19
2025	Oct	12	(Sun)	05:44	06:05	97	12:01	69S	17:57	262	18:18
2025	Oct	13	(Mon)	05:44	06:05	98	12:01	68S	17:56	262	18:17
2025	Oct	14	(Tue)	05:44	06:06	98	12:01	68S	17:55	262	18:17
2025	Oct	15	(Wed)	05:44	06:06	99	12:00	68S	17:55	261	18:16
2025	Oct	16	(Thu)	05:44	06:06	99	12:00	67S	17:54	261	18:16
2025	Oct	17	(Fri)	05:44	06:06	99	12:00	67S	17:54	260	18:15
2025	Oct	18	(Sat)	05:45	06:06	100	12:00	67S	17:53	260	18:15
2025	Oct	19	(Sun)	05:45	06:06	100	12:00	66S	17:52	260	18:14
2025	Oct	20	(Mon)	05:45	06:07	100	11:59	66S	17:52	259	18:14
2025	Oct	21	(Tue)	05:45	06:07	101	11:59	66S	17:51	259	18:13
2025	Oct	22	(Wed)	05:45	06:07	101	11:59	65S	17:51	259	18:13
2025	Oct	23	(Thu)	05:46	06:07	102	11:59	65S	17:50	258	18:12
2025	Oct	24	(Fri)	05:46	06:07	102	11:59	65S	17:50	258	18:12
2025	Oct	25	(Sat)	05:46	06:08	102	11:59	64S	17:49	258	18:11
2025	Oct	26	(Sun)	05:46	06:08	103	11:59	64S	17:49	257	18:11
2025	Oct	27	(Mon)	05:46	06:08	103	11:58	63S	17:48	257	18:10
2025	Oct	28	(Tue)	05:47	06:08	103	11:58	63S	17:48	257	18:10
2025	Oct	29	(Wed)	05:47	06:09	104	11:58	63S	17:48	256	18:09
2025	Oct	30	(Thu)	05:47	06:09	104	11:58	62S	17:47	256	18:09
2025	Oct	31	(Fri)	05:47	06:09	104	11:58	62S	17:47	255	18:09
2025	Nov	01	(Sat)	05:48	06:10	105	11:58	62S	17:46	255	18:08
2025	Nov	02	(Sun)	05:48	06:10	105	11:58	62S	17:46	255	18:08
2025	Nov	03	(Mon)	05:48	06:10	105	11:58	61S	17:46	255	18:08
2025	Nov	04	(Tue)	05:49	06:11	106	11:58	61S	17:45	254	18:07
2025	Nov	05	(Wed)	05:49	06:11	106	11:58	61S	17:45	254	18:07
2025	Nov	06	(Thu)	05:49	06:11	106	11:58	60S	17:45	254	18:07
2025	Nov	07	(Fri)	05:50	06:12	107	11:58	60S	17:45	253	18:07
2025	Nov	08	(Sat)	05:50	06:12	107	11:58	60S	17:44	253	18:07
2025	Nov	09	(Sun)	05:50	06:13	107	11:58	59S	17:44	253	18:06
2025	Nov	10	(Mon)	05:51	06:13	107	11:58	59S	17:44	252	18:06
2025	Nov	11	(Tue)	05:51	06:13	108	11:59	59S	17:44	252	18:06
2025	Nov	12	(Wed)	05:51	06:14	108	11:59	59S	17:43	252	18:06
2025	Nov	13	(Thu)	05:52	06:14	108	11:59	58S	17:43	252	18:06
2025	Nov	14	(Fri)	05:52	06:15	109	11:59	58S	17:43	251	18:06
2025	Nov	15	(Sat)	05:53	06:15	109	11:59	58S	17:43	251	18:06
2025	Nov	16	(Sun)	05:53	06:16	109	11:59	58S	17:43	251	18:05
2025	Nov	17	(Mon)	05:53	06:16	109	11:59	57S	17:43	250	18:05
2025	Nov	18	(Tue)	05:54	06:16	110	12:00	57S	17:43	250	18:05
2025	Nov	19	(Wed)	05:54	06:17	110	12:00	57S	17:43	250	18:05
2025	Nov	20	(Thu)	05:55	06:17	110	12:00	57S	17:43	250	18:05
2025	Nov	21	(Fri)	05:55	06:18	110	12:00	56S	17:43	250	18:05
2025	Nov	22	(Sat)	05:56	06:18	111	12:01	56S	17:43	249	18:05
2025	Nov	23	(Sun)	05:56	06:19	111	12:01	56S	17:43	249	18:06
2025	Nov	24	(Mon)	05:57	06:19	111	12:01	56S	17:43	249	18:06
2025	Nov	25	(Tue)	05:57	06:20	111	12:02	56S	17:43	249	18:06
2025	Nov	26	(Wed)	05:58	06:21	111	12:02	55S	17:43	248	18:06
2025	Nov	27	(Thu)	05:58	06:21	112	12:02	55S	17:43	248	18:06
2025	Nov	28	(Fri)	05:59	06:22	112	12:02	55S	17:43	248	18:06
2025	Nov	29	(Sat)	05:59	06:22	112	12:03	55S	17:43	248	18:06
2025	Nov	30	(Sun)	06:00	06:23	112	12:03	55S	17:44	248	18:07
2025	Dec	01	(Mon)	06:00	06:23	112	12:04	55S	17:44	248	18:07
2025	Dec	02	(Tue)	06:01	06:24	112	12:04	54S	17:44	247	18:07
2025	Dec	03	(Wed)	06:01	06:24	113	12:04	54S	17:44	247	18:07
2025	Dec	04	(Thu)	06:02	06:25	113	12:05	54S	17:44	247	18:07
2025	Dec	05	(Fri)	06:02	06:25	113	12:05	54S	17:45	247	18:08
2025	Dec	06	(Sat)	06:03	06:26	113	12:06	54S	17:45	247	18:08
2025	Dec	07	(Sun)	06:03	06:27	113	12:06	54S	17:45	247	18:08
2025	Dec	08	(Mon)	06:04	06:27	113	12:06	54S	17:46	247	18:09
2025	Dec	09	(Tue)	06:05	06:28	113	12:07	54S	17:46	247	18:09
2025	Dec	10	(Wed)	06:05	06:28	113	12:07	53S	17:46	246	18:09
2025	Dec	11	(Thu)	06:06	06:29	114	12:08	53S	17:47	246	18:10
2025	Dec	12	(Fri)	06:06	06:29	114	12:08	53S	17:47	246	18:10
2025	Dec	13	(Sat)	06:07	06:30	114	12:09	53S	17:47	246	18:11

2025	Dec 14	(Sun)	06:07	06:30	114	12:09	53S	17:48	246	18:11
2025	Dec 15	(Mon)	06:08	06:31	114	12:10	53S	17:48	246	18:11
2025	Dec 16	(Tue)	06:08	06:32	114	12:10	53S	17:49	246	18:12
2025	Dec 17	(Wed)	06:09	06:32	114	12:11	53S	17:49	246	18:12
2025	Dec 18	(Thu)	06:09	06:33	114	12:11	53S	17:50	246	18:13
2025	Dec 19	(Fri)	06:10	06:33	114	12:12	53S	17:50	246	18:13
2025	Dec 20	(Sat)	06:10	06:34	114	12:12	53S	17:51	246	18:14
2025	Dec 21	(Sun)	06:11	06:34	114	12:13	53S	17:51	246	18:14
2025	Dec 22	(Mon)	06:11	06:35	114	12:13	53S	17:52	246	18:15
2025	Dec 23	(Tue)	06:12	06:35	114	12:14	53S	17:52	246	18:15
2025	Dec 24	(Wed)	06:12	06:36	114	12:14	53S	17:53	246	18:16
2025	Dec 25	(Thu)	06:13	06:36	114	12:15	53S	17:53	246	18:16
2025	Dec 26	(Fri)	06:13	06:37	114	12:15	53S	17:54	246	18:17
2025	Dec 27	(Sat)	06:14	06:37	114	12:16	53S	17:54	246	18:17
2025	Dec 28	(Sun)	06:14	06:37	114	12:16	53S	17:55	246	18:18
2025	Dec 29	(Mon)	06:15	06:38	114	12:17	53S	17:55	246	18:18
2025	Dec 30	(Tue)	06:15	06:38	114	12:17	53S	17:56	246	18:19
2025	Dec 31	(Wed)	06:16	06:39	114	12:18	53S	17:56	246	18:20

Moon

VTMG

Location: E101°22'00.0", N14°21'00.0", 4230m
(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)	07:48	117	13:32	51S	19:18	245
2025 Jan 02 (Thu)	08:39	113	14:27	55S	20:18	250
2025 Jan 03 (Fri)	09:25	108	15:18	60S	21:15	255
2025 Jan 04 (Sat)	10:08	101	16:07	67S	22:11	262
2025 Jan 05 (Sun)	10:48	94	16:55	73S	23:05	269
2025 Jan 06 (Mon)	11:28	87	17:42	81S	24:00	276
2025 Jan 07 (Tue)	12:09	80	18:30	87S		
2025 Jan 08 (Wed)	12:52	74	19:21	88N	00:56	283
2025 Jan 09 (Thu)	13:38	68	20:15	83N	01:54	289
2025 Jan 10 (Fri)	14:30	64	21:13	79N	02:55	294
2025 Jan 11 (Sat)	15:27	61	22:14	77N	03:59	298
2025 Jan 12 (Sun)	16:28	61	23:16	77N	05:02	299
2025 Jan 13 (Mon)	17:30	62			06:03	299
2025 Jan 14 (Tue)	18:30	65	00:15	78N	06:58	296
2025 Jan 15 (Wed)	19:27	70	01:10	82N	07:47	293
2025 Jan 16 (Thu)	20:20	75	02:01	87N	08:31	288
2025 Jan 17 (Fri)	21:09	81	02:46	89S	09:09	282
2025 Jan 18 (Sat)	21:56	87	03:29	84S	09:45	276
2025 Jan 19 (Sun)	22:42	93	04:09	78S	10:18	270
2025 Jan 20 (Mon)	23:27	99	04:48	72S	10:52	264
2025 Jan 21 (Tue)			05:28	66S	11:25	258
2025 Jan 22 (Wed)	00:14	105	06:09	61S	12:01	253
2025 Jan 23 (Thu)	01:02	110	06:52	56S	12:40	248
2025 Jan 24 (Fri)	01:53	114	07:39	52S	13:23	244
2025 Jan 25 (Sat)	02:47	117	08:30	49S	14:11	242
2025 Jan 26 (Sun)	03:44	119	09:24	47S	15:05	240
2025 Jan 27 (Mon)	04:41	119	10:22	47S	16:03	241
2025 Jan 28 (Tue)	05:37	118	11:19	49S	17:04	243
2025 Jan 29 (Wed)	06:30	115	12:16	53S	18:05	247
2025 Jan 30 (Thu)	07:18	110	13:10	58S	19:04	253
2025 Jan 31 (Fri)	08:04	104	14:01	64S	20:02	260
2025 Feb 01 (Sat)	08:46	97	14:51	71S	20:59	267
2025 Feb 02 (Sun)	09:27	89	15:39	78S	21:55	274
2025 Feb 03 (Mon)	10:08	82	16:28	86S	22:51	281
2025 Feb 04 (Tue)	10:51	75	17:18	89N	23:49	288
2025 Feb 05 (Wed)	11:36	70	18:11	84N		
2025 Feb 06 (Thu)	12:26	65	19:07	79N	00:49	293

2025 Feb 07 (Fri)	13:20	62	20:06	77N	01:51	297
2025 Feb 08 (Sat)	14:19	60	21:07	76N	02:54	299
2025 Feb 09 (Sun)	15:19	61	22:05	77N	03:54	299
2025 Feb 10 (Mon)	16:19	64	23:01	80N	04:50	298
2025 Feb 11 (Tue)	17:16	68	23:52	85N	05:40	294
2025 Feb 12 (Wed)	18:10	73			06:25	290
2025 Feb 13 (Thu)	19:01	78	00:40	90N	07:05	284
2025 Feb 14 (Fri)	19:49	85	01:23	86S	07:42	278
2025 Feb 15 (Sat)	20:35	91	02:04	80S	08:16	272
2025 Feb 16 (Sun)	21:21	97	02:44	74S	08:50	266
2025 Feb 17 (Mon)	22:07	103	03:23	68S	09:23	260
2025 Feb 18 (Tue)	22:54	108	04:04	63S	09:58	255
2025 Feb 19 (Wed)	23:44	112	04:46	57S	10:35	250
2025 Feb 20 (Thu)			05:31	53S	11:16	246
2025 Feb 21 (Fri)	00:36	116	06:19	50S	12:01	243
2025 Feb 22 (Sat)	01:31	119	07:11	48S	12:52	241
2025 Feb 23 (Sun)	02:27	120	08:07	47S	13:47	240
2025 Feb 24 (Mon)	03:22	119	09:03	48S	14:46	242
2025 Feb 25 (Tue)	04:16	117	10:00	51S	15:46	245
2025 Feb 26 (Wed)	05:07	112	10:55	55S	16:47	250
2025 Feb 27 (Thu)	05:54	107	11:48	61S	17:46	256
2025 Feb 28 (Fri)	06:38	100	12:40	68S	18:45	263
2025 Mar 01 (Sat)	07:21	93	13:30	75S	19:42	271
2025 Mar 02 (Sun)	08:03	85	14:20	83S	20:41	279
2025 Mar 03 (Mon)	08:46	78	15:11	90S	21:40	286
2025 Mar 04 (Tue)	09:32	71	16:05	85N	22:42	292
2025 Mar 05 (Wed)	10:22	66	17:02	81N	23:45	296
2025 Mar 06 (Thu)	11:16	62	18:01	77N		
2025 Mar 07 (Fri)	12:14	60	19:01	76N	00:48	299
2025 Mar 08 (Sat)	13:13	61	20:00	77N	01:49	300
2025 Mar 09 (Sun)	14:13	63	20:57	79N	02:46	299
2025 Mar 10 (Mon)	15:10	66	21:48	83N	03:38	296
2025 Mar 11 (Tue)	16:05	71	22:36	88N	04:23	292
2025 Mar 12 (Wed)	16:56	76	23:20	88S	05:04	286
2025 Mar 13 (Thu)	17:44	82			05:41	281
2025 Mar 14 (Fri)	18:30	88	00:02	82S	06:16	275
2025 Mar 15 (Sat)	19:16	95	00:42	76S	06:50	269
2025 Mar 16 (Sun)	20:02	100	01:21	70S	07:23	263
2025 Mar 17 (Mon)	20:49	106	02:01	65S	07:57	257
2025 Mar 18 (Tue)	21:37	111	02:42	59S	08:33	252
2025 Mar 19 (Wed)	22:28	115	03:26	55S	09:12	247
2025 Mar 20 (Thu)	23:21	118	04:13	51S	09:55	244
2025 Mar 21 (Fri)			05:03	48S	10:43	241
2025 Mar 22 (Sat)	00:16	120	05:56	47S	11:35	240
2025 Mar 23 (Sun)	01:10	120	06:50	47S	12:31	241
2025 Mar 24 (Mon)	02:04	118	07:46	49S	13:30	243
2025 Mar 25 (Tue)	02:54	115	08:40	53S	14:29	247
2025 Mar 26 (Wed)	03:42	110	09:33	58S	15:28	253
2025 Mar 27 (Thu)	04:27	104	10:25	64S	16:26	260
2025 Mar 28 (Fri)	05:10	97	11:15	71S	17:24	267
2025 Mar 29 (Sat)	05:53	89	12:05	79S	18:22	275
2025 Mar 30 (Sun)	06:36	81	12:57	86S	19:23	282
2025 Mar 31 (Mon)	07:22	74	13:52	88N	20:25	289
2025 Apr 01 (Tue)	08:12	68	14:49	82N	21:30	295
2025 Apr 02 (Wed)	09:06	64	15:50	78N	22:36	298
2025 Apr 03 (Thu)	10:05	61	16:52	76N	23:41	300
2025 Apr 04 (Fri)	11:06	60	17:54	76N		
2025 Apr 05 (Sat)	12:07	62	18:52	78N	00:41	299
2025 Apr 06 (Sun)	13:06	65	19:46	82N	01:35	297
2025 Apr 07 (Mon)	14:01	69	20:34	86N	02:22	293
2025 Apr 08 (Tue)	14:53	75	21:19	90S	03:05	288
2025 Apr 09 (Wed)	15:41	80	22:01	84S	03:43	283
2025 Apr 10 (Thu)	16:28	86	22:41	78S	04:18	277
2025 Apr 11 (Fri)	17:13	92	23:20	72S	04:51	271
2025 Apr 12 (Sat)	17:59	98	24:00	66S	05:24	265
2025 Apr 13 (Sun)	18:45	104			05:58	259
2025 Apr 14 (Mon)	19:33	109	00:40	61S	06:33	253

2025 Apr 15 (Tue)	20:23 114	01:23 56S	07:11 249
2025 Apr 16 (Wed)	21:16 117	02:09 52S	07:53 245
2025 Apr 17 (Thu)	22:09 119	02:58 49S	08:39 242
2025 Apr 18 (Fri)	23:03 120	03:50 47S	09:29 240
2025 Apr 19 (Sat)	23:56 119	04:43 47S	10:23 241
2025 Apr 20 (Sun)		05:37 48S	11:19 242
2025 Apr 21 (Mon)	00:46 116	06:30 51S	12:16 246
2025 Apr 22 (Tue)	01:34 112	07:22 56S	13:14 250
2025 Apr 23 (Wed)	02:18 107	08:13 61S	14:10 256
2025 Apr 24 (Thu)	03:01 100	09:02 68S	15:06 263
2025 Apr 25 (Fri)	03:42 93	09:51 75S	16:03 271
2025 Apr 26 (Sat)	04:24 85	10:41 82S	17:02 278
2025 Apr 27 (Sun)	05:09 78	11:34 90S	18:03 286
2025 Apr 28 (Mon)	05:57 71	12:31 85N	19:08 292
2025 Apr 29 (Tue)	06:50 66	13:32 80N	20:16 297
2025 Apr 30 (Wed)	07:49 62	14:35 77N	21:24 299
2025 May 01 (Thu)	08:51 60	15:40 76N	22:28 299
2025 May 02 (Fri)	09:55 61	16:42 77N	23:27 298
2025 May 03 (Sat)	10:57 64	17:39 80N	
2025 May 04 (Sun)	11:55 68	18:31 85N	00:18 294
2025 May 05 (Mon)	12:49 73	19:17 90N	01:03 290
2025 May 06 (Tue)	13:38 79	20:00 86S	01:43 284
2025 May 07 (Wed)	14:26 85	20:41 80S	02:19 278
2025 May 08 (Thu)	15:11 91	21:20 74S	02:53 272
2025 May 09 (Fri)	15:56 97	21:59 68S	03:26 266
2025 May 10 (Sat)	16:42 102	22:39 63S	03:59 261
2025 May 11 (Sun)	17:30 108	23:22 58S	04:34 255
2025 May 12 (Mon)	18:19 112		05:11 250
2025 May 13 (Tue)	19:11 116	00:07 53S	05:52 246
2025 May 14 (Wed)	20:05 118	00:55 50S	06:37 243
2025 May 15 (Thu)	20:59 119	01:46 48S	07:26 241
2025 May 16 (Fri)	21:52 119	02:39 47S	08:19 241
2025 May 17 (Sat)	22:43 117	03:33 48S	09:14 242
2025 May 18 (Sun)	23:30 113	04:26 50S	10:10 245
2025 May 19 (Mon)		05:17 54S	11:06 249
2025 May 20 (Tue)	00:14 108	06:06 59S	12:01 254
2025 May 21 (Wed)	00:56 103	06:54 65S	12:56 261
2025 May 22 (Thu)	01:36 96	07:41 72S	13:50 268
2025 May 23 (Fri)	02:17 89	08:29 79S	14:46 275
2025 May 24 (Sat)	02:58 82	09:19 86S	15:44 282
2025 May 25 (Sun)	03:43 75	10:13 88N	16:46 289
2025 May 26 (Mon)	04:33 68	11:11 83N	17:52 294
2025 May 27 (Tue)	05:29 64	12:14 79N	19:00 298
2025 May 28 (Wed)	06:31 61	13:19 77N	20:08 299
2025 May 29 (Thu)	07:36 61	14:24 77N	21:11 299
2025 May 30 (Fri)	08:41 63	15:25 79N	22:08 296
2025 May 31 (Sat)	09:42 66	16:21 83N	22:57 291
2025 Jun 01 (Sun)	10:40 71	17:11 88N	23:40 286
2025 Jun 02 (Mon)	11:32 77	17:57 88S	
2025 Jun 03 (Tue)	12:21 83	18:39 82S	00:18 280
2025 Jun 04 (Wed)	13:08 89	19:19 76S	00:53 274
2025 Jun 05 (Thu)	13:53 95	19:58 70S	01:26 268
2025 Jun 06 (Fri)	14:39 101	20:38 64S	02:00 262
2025 Jun 07 (Sat)	15:26 106	21:19 59S	02:34 257
2025 Jun 08 (Sun)	16:15 111	22:03 55S	03:10 252
2025 Jun 09 (Mon)	17:06 115	22:50 51S	03:50 247
2025 Jun 10 (Tue)	17:59 118	23:41 49S	04:33 244
2025 Jun 11 (Wed)	18:54 119		05:22 241
2025 Jun 12 (Thu)	19:48 119	00:34 47S	06:14 241
2025 Jun 13 (Fri)	20:40 118	01:28 48S	07:09 241
2025 Jun 14 (Sat)	21:28 114	02:22 50S	08:06 244
2025 Jun 15 (Sun)	22:13 110	03:14 53S	09:02 248
2025 Jun 16 (Mon)	22:55 104	04:04 58S	09:57 253
2025 Jun 17 (Tue)	23:35 98	04:52 64S	10:51 259
2025 Jun 18 (Wed)		05:38 70S	11:44 265
2025 Jun 19 (Thu)	00:14 91	06:24 77S	12:38 272
2025 Jun 20 (Fri)	00:54 84	07:12 84S	13:33 280

2025 Jun 21 (Sat)	01:36	77	08:02	91S	14:31	286
2025 Jun 22 (Sun)	02:22	71	08:56	85N	15:34	292
2025 Jun 23 (Mon)	03:14	66	09:55	80N	16:39	297
2025 Jun 24 (Tue)	04:12	62	10:59	77N	17:47	299
2025 Jun 25 (Wed)	05:15	61	12:04	76N	18:52	299
2025 Jun 26 (Thu)	06:21	61	13:08	78N	19:52	297
2025 Jun 27 (Fri)	07:25	64	14:07	81N	20:46	293
2025 Jun 28 (Sat)	08:25	69	15:00	86N	21:32	288
2025 Jun 29 (Sun)	09:21	74	15:49	90S	22:13	283
2025 Jun 30 (Mon)	10:13	80	16:33	84S	22:50	277
2025 Jul 01 (Tue)	11:01	86	17:15	78S	23:25	270
2025 Jul 02 (Wed)	11:48	93	17:55	72S	23:58	264
2025 Jul 03 (Thu)	12:34	99	18:35	66S		
2025 Jul 04 (Fri)	13:20	104	19:16	61S	00:32	259
2025 Jul 05 (Sat)	14:08	109	19:59	56S	01:08	253
2025 Jul 06 (Sun)	14:59	114	20:45	52S	01:46	249
2025 Jul 07 (Mon)	15:51	117	21:34	49S	02:29	245
2025 Jul 08 (Tue)	16:46	119	22:26	48S	03:15	242
2025 Jul 09 (Wed)	17:41	119	23:21	47S	04:06	241
2025 Jul 10 (Thu)	18:34	118			05:01	241
2025 Jul 11 (Fri)	19:24	116	00:15	49S	05:58	243
2025 Jul 12 (Sat)	20:11	111	01:09	52S	06:56	246
2025 Jul 13 (Sun)	20:55	106	02:00	56S	07:52	251
2025 Jul 14 (Mon)	21:35	100	02:49	62S	08:47	257
2025 Jul 15 (Tue)	22:15	93	03:36	68S	09:41	264
2025 Jul 16 (Wed)	22:54	86	04:23	75S	10:34	271
2025 Jul 17 (Thu)	23:34	79	05:09	82S	11:28	278
2025 Jul 18 (Fri)			05:58	89S	12:24	284
2025 Jul 19 (Sat)	00:18	73	06:49	87N	13:24	290
2025 Jul 20 (Sun)	01:06	67	07:45	82N	14:27	295
2025 Jul 21 (Mon)	02:00	63	08:45	78N	15:32	298
2025 Jul 22 (Tue)	03:00	61	09:48	76N	16:37	299
2025 Jul 23 (Wed)	04:03	61	10:51	77N	17:38	298
2025 Jul 24 (Thu)	05:08	63	11:52	79N	18:34	295
2025 Jul 25 (Fri)	06:10	67	12:48	83N	19:23	291
2025 Jul 26 (Sat)	07:08	72	13:39	89N	20:06	285
2025 Jul 27 (Sun)	08:02	78	14:25	87S	20:45	279
2025 Jul 28 (Mon)	08:52	84	15:08	81S	21:21	273
2025 Jul 29 (Tue)	09:40	90	15:50	74S	21:56	267
2025 Jul 30 (Wed)	10:27	96	16:30	68S	22:30	261
2025 Jul 31 (Thu)	11:13	102	17:11	63S	23:05	255
2025 Aug 01 (Fri)	12:01	108	17:53	58S	23:42	250
2025 Aug 02 (Sat)	12:51	112	18:38	53S		
2025 Aug 03 (Sun)	13:42	116	19:26	50S	00:23	246
2025 Aug 04 (Mon)	14:36	118	20:17	48S	01:08	243
2025 Aug 05 (Tue)	15:30	120	21:10	47S	01:57	241
2025 Aug 06 (Wed)	16:24	119	22:05	48S	02:50	240
2025 Aug 07 (Thu)	17:16	117	23:00	50S	03:47	242
2025 Aug 08 (Fri)	18:05	113	23:53	54S	04:45	245
2025 Aug 09 (Sat)	18:51	108			05:42	249
2025 Aug 10 (Sun)	19:33	102	00:43	60S	06:39	255
2025 Aug 11 (Mon)	20:14	95	01:32	66S	07:34	261
2025 Aug 12 (Tue)	20:53	88	02:19	73S	08:29	268
2025 Aug 13 (Wed)	21:34	81	03:07	80S	09:24	276
2025 Aug 14 (Thu)	22:17	74	03:55	87S	10:20	283
2025 Aug 15 (Fri)	23:04	69	04:46	88N	11:18	289
2025 Aug 16 (Sat)	23:55	64	05:40	83N	12:20	294
2025 Aug 17 (Sun)			06:38	79N	13:23	298
2025 Aug 18 (Mon)	00:52	61	07:39	77N	14:27	299
2025 Aug 19 (Tue)	01:53	60	08:41	76N	15:29	299
2025 Aug 20 (Wed)	02:56	62	09:42	78N	16:25	297
2025 Aug 21 (Thu)	03:58	65	10:38	82N	17:16	293
2025 Aug 22 (Fri)	04:56	69	11:30	86N	18:01	288
2025 Aug 23 (Sat)	05:51	75	12:18	89S	18:41	282
2025 Aug 24 (Sun)	06:43	81	13:02	83S	19:18	276
2025 Aug 25 (Mon)	07:32	88	13:44	77S	19:53	269
2025 Aug 26 (Tue)	08:19	94	14:25	71S	20:28	263

2025 Aug 27 (Wed)	09:06 100	15:06 65S	21:02 257
2025 Aug 28 (Thu)	09:54 106	15:48 60S	21:39 252
2025 Aug 29 (Fri)	10:42 111	16:31 55S	22:18 247
2025 Aug 30 (Sat)	11:33 115	17:18 51S	23:01 244
2025 Aug 31 (Sun)	12:26 118	18:07 49S	23:48 241
2025 Sep 01 (Mon)	13:19 119	18:59 47S	
2025 Sep 02 (Tue)	14:13 120	19:53 47S	00:39 240
2025 Sep 03 (Wed)	15:05 118	20:47 49S	01:33 241
2025 Sep 04 (Thu)	15:55 115	21:41 52S	02:30 243
2025 Sep 05 (Fri)	16:42 111	22:32 57S	03:28 247
2025 Sep 06 (Sat)	17:26 105	23:22 63S	04:25 252
2025 Sep 07 (Sun)	18:08 98		05:22 258
2025 Sep 08 (Mon)	18:49 91	00:11 70S	06:18 265
2025 Sep 09 (Tue)	19:30 84	00:59 77S	07:14 273
2025 Sep 10 (Wed)	20:13 77	01:49 84S	08:11 280
2025 Sep 11 (Thu)	21:00 70	02:40 90N	09:10 287
2025 Sep 12 (Fri)	21:51 65	03:34 84N	10:12 293
2025 Sep 13 (Sat)	22:47 62	04:32 80N	11:16 297
2025 Sep 14 (Sun)	23:47 60	05:33 77N	12:21 299
2025 Sep 15 (Mon)		06:35 76N	13:23 299
2025 Sep 16 (Tue)	00:49 61	07:36 77N	14:21 298
2025 Sep 17 (Wed)	01:51 64	08:33 80N	15:13 294
2025 Sep 18 (Thu)	02:49 68	09:26 85N	15:58 290
2025 Sep 19 (Fri)	03:45 73	10:14 90N	16:39 284
2025 Sep 20 (Sat)	04:36 79	10:58 86S	17:17 278
2025 Sep 21 (Sun)	05:26 85	11:41 79S	17:52 272
2025 Sep 22 (Mon)	06:13 91	12:21 73S	18:27 265
2025 Sep 23 (Tue)	07:00 98	13:02 67S	19:01 259
2025 Sep 24 (Wed)	07:47 103	13:43 62S	19:37 254
2025 Sep 25 (Thu)	08:36 109	14:26 57S	20:15 249
2025 Sep 26 (Fri)	09:26 113	15:12 53S	20:56 245
2025 Sep 27 (Sat)	10:17 117	16:00 49S	21:41 242
2025 Sep 28 (Sun)	11:10 119	16:50 48S	22:30 241
2025 Sep 29 (Mon)	12:03 120	17:43 47S	23:22 240
2025 Sep 30 (Tue)	12:55 119	18:36 48S	
2025 Oct 01 (Wed)	13:45 117	19:28 51S	00:17 242
2025 Oct 02 (Thu)	14:32 113	20:20 55S	01:13 245
2025 Oct 03 (Fri)	15:17 108	21:10 60S	02:10 249
2025 Oct 04 (Sat)	15:59 102	21:58 66S	03:06 255
2025 Oct 05 (Sun)	16:40 95	22:47 73S	04:01 262
2025 Oct 06 (Mon)	17:21 87	23:36 81S	04:57 269
2025 Oct 07 (Tue)	18:05 80		05:55 276
2025 Oct 08 (Wed)	18:51 73	00:27 88S	06:54 284
2025 Oct 09 (Thu)	19:42 67	01:22 87N	07:57 290
2025 Oct 10 (Fri)	20:38 63	02:21 82N	09:03 295
2025 Oct 11 (Sat)	21:39 61	03:23 78N	10:10 298
2025 Oct 12 (Sun)	22:42 61	04:27 76N	11:15 300
2025 Oct 13 (Mon)	23:45 63	05:30 77N	12:16 298
2025 Oct 14 (Tue)		06:29 79N	13:10 295
2025 Oct 15 (Wed)	00:45 66	07:23 83N	13:58 291
2025 Oct 16 (Thu)	01:41 71	08:12 88N	14:40 286
2025 Oct 17 (Fri)	02:33 77	08:57 87S	15:18 280
2025 Oct 18 (Sat)	03:22 83	09:39 81S	15:53 274
2025 Oct 19 (Sun)	04:10 89	10:20 75S	16:27 268
2025 Oct 20 (Mon)	04:56 96	11:00 69S	17:01 262
2025 Oct 21 (Tue)	05:43 101	11:41 64S	17:37 256
2025 Oct 22 (Wed)	06:31 107	12:23 58S	18:14 251
2025 Oct 23 (Thu)	07:20 112	13:08 54S	18:54 246
2025 Oct 24 (Fri)	08:11 115	13:55 51S	19:37 243
2025 Oct 25 (Sat)	09:03 118	14:45 48S	20:25 241
2025 Oct 26 (Sun)	09:56 119	15:36 47S	21:15 241
2025 Oct 27 (Mon)	10:48 119	16:28 48S	22:09 241
2025 Oct 28 (Tue)	11:38 118	17:20 50S	23:03 244
2025 Oct 29 (Wed)	12:25 114	18:10 53S	23:58 247
2025 Oct 30 (Thu)	13:09 110	18:59 58S	
2025 Oct 31 (Fri)	13:51 105	19:47 63S	00:52 252
2025 Nov 01 (Sat)	14:31 98	20:34 70S	01:46 258

2025 Nov 02 (Sun)	15:11 91	21:22 77S	02:40 265
2025 Nov 03 (Mon)	15:53 84	22:11 84S	03:36 273
2025 Nov 04 (Tue)	16:37 77	23:04 90N	04:34 280
2025 Nov 05 (Wed)	17:26 70		05:35 287
2025 Nov 06 (Thu)	18:21 65	00:02 84N	06:41 293
2025 Nov 07 (Fri)	19:22 62	01:04 80N	07:50 297
2025 Nov 08 (Sat)	20:27 61	02:10 77N	08:58 299
2025 Nov 09 (Sun)	21:33 62	03:16 77N	10:04 299
2025 Nov 10 (Mon)	22:36 65	04:19 78N	11:03 297
2025 Nov 11 (Tue)	23:35 70	05:17 82N	11:54 293
2025 Nov 12 (Wed)		06:09 87N	12:39 287
2025 Nov 13 (Thu)	00:29 75	06:56 89S	13:18 282
2025 Nov 14 (Fri)	01:20 81	07:39 83S	13:55 276
2025 Nov 15 (Sat)	02:08 88	08:20 77S	14:29 269
2025 Nov 16 (Sun)	02:54 94	09:00 71S	15:03 263
2025 Nov 17 (Mon)	03:41 100	09:40 65S	15:37 258
2025 Nov 18 (Tue)	04:28 105	10:22 60S	16:14 252
2025 Nov 19 (Wed)	05:16 110	11:06 55S	16:53 248
2025 Nov 20 (Thu)	06:07 114	11:52 52S	17:35 244
2025 Nov 21 (Fri)	06:59 117	12:41 49S	18:22 242
2025 Nov 22 (Sat)	07:52 119	13:32 48S	19:11 241
2025 Nov 23 (Sun)	08:44 119	14:24 48S	20:04 241
2025 Nov 24 (Mon)	09:34 118	15:15 49S	20:58 243
2025 Nov 25 (Tue)	10:22 115	16:06 52S	21:52 246
2025 Nov 26 (Wed)	11:06 111	16:54 56S	22:45 251
2025 Nov 27 (Thu)	11:47 106	17:41 61S	23:37 256
2025 Nov 28 (Fri)	12:26 101	18:26 67S	
2025 Nov 29 (Sat)	13:05 94	19:12 74S	00:29 263
2025 Nov 30 (Sun)	13:44 87	19:58 81S	01:22 269
2025 Dec 01 (Mon)	14:25 80	20:48 88S	02:16 276
2025 Dec 02 (Tue)	15:11 73	21:41 87N	03:14 283
2025 Dec 03 (Wed)	16:02 68	22:41 82N	04:16 290
2025 Dec 04 (Thu)	16:59 63	23:45 78N	05:23 295
2025 Dec 05 (Fri)	18:04 61		06:33 298
2025 Dec 06 (Sat)	19:11 61	00:52 77N	07:42 299
2025 Dec 07 (Sun)	20:18 64	01:59 77N	08:46 298
2025 Dec 08 (Mon)	21:22 68	03:02 80N	09:43 294
2025 Dec 09 (Tue)	22:20 73	03:59 85N	10:32 289
2025 Dec 10 (Wed)	23:14 79	04:49 90N	11:15 284
2025 Dec 11 (Thu)		05:35 85S	11:53 278
2025 Dec 12 (Fri)	00:03 86	06:18 79S	12:29 271
2025 Dec 13 (Sat)	00:51 92	06:59 73S	13:03 265
2025 Dec 14 (Sun)	01:38 98	07:39 67S	13:38 259
2025 Dec 15 (Mon)	02:24 104	08:20 62S	14:14 254
2025 Dec 16 (Tue)	03:12 109	09:03 57S	14:52 249
2025 Dec 17 (Wed)	04:02 113	09:49 53S	15:33 245
2025 Dec 18 (Thu)	04:54 116	10:37 50S	16:18 242
2025 Dec 19 (Fri)	05:47 119	11:27 48S	17:07 241
2025 Dec 20 (Sat)	06:39 119	12:19 48S	18:00 241
2025 Dec 21 (Sun)	07:31 118	13:12 49S	18:54 242
2025 Dec 22 (Mon)	08:19 116	14:03 51S	19:48 245
2025 Dec 23 (Tue)	09:05 113	14:52 55S	20:42 249
2025 Dec 24 (Wed)	09:47 108	15:39 60S	21:34 255
2025 Dec 25 (Thu)	10:26 102	16:24 66S	22:25 261
2025 Dec 26 (Fri)	11:04 96	17:08 72S	23:16 267
2025 Dec 27 (Sat)	11:42 89	17:53 78S	
2025 Dec 28 (Sun)	12:20 83	18:39 85S	00:08 274
2025 Dec 29 (Mon)	13:02 76	19:29 90N	01:02 281
2025 Dec 30 (Tue)	13:48 70	20:23 84N	02:00 287
2025 Dec 31 (Wed)	14:41 65	21:23 80N	03:02 293