

Sun

VTMD

Location: E100°36'00.0", N13°54'00.0", 9m
(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)	05:52	06:41 114		12:21 54S	18:01 247		18:51
2025 Jan 02 (Thu)	05:52	06:42 113		12:22 54S	18:02 247		18:51
2025 Jan 03 (Fri)	05:53	06:42 113		12:22 54S	18:02 247		18:52
2025 Jan 04 (Sat)	05:53	06:42 113		12:23 54S	18:03 247		18:52
2025 Jan 05 (Sun)	05:53	06:43 113		12:23 54S	18:03 247		18:53
2025 Jan 06 (Mon)	05:54	06:43 113		12:23 54S	18:04 247		18:53
2025 Jan 07 (Tue)	05:54	06:43 113		12:24 54S	18:04 247		18:54
2025 Jan 08 (Wed)	05:54	06:44 113		12:24 55S	18:05 247		18:54
2025 Jan 09 (Thu)	05:55	06:44 113		12:25 55S	18:06 247		18:55
2025 Jan 10 (Fri)	05:55	06:44 112		12:25 55S	18:06 248		18:55
2025 Jan 11 (Sat)	05:55	06:44 112		12:26 55S	18:07 248		18:56
2025 Jan 12 (Sun)	05:55	06:45 112		12:26 55S	18:07 248		18:56
2025 Jan 13 (Mon)	05:56	06:45 112		12:26 55S	18:08 248		18:57
2025 Jan 14 (Tue)	05:56	06:45 112		12:27 56S	18:08 248		18:57
2025 Jan 15 (Wed)	05:56	06:45 112		12:27 56S	18:09 249		18:58
2025 Jan 16 (Thu)	05:56	06:45 111		12:27 56S	18:09 249		18:58
2025 Jan 17 (Fri)	05:56	06:45 111		12:28 56S	18:10 249		18:59
2025 Jan 18 (Sat)	05:57	06:46 111		12:28 56S	18:11 249		18:59
2025 Jan 19 (Sun)	05:57	06:46 111		12:28 57S	18:11 249		19:00
2025 Jan 20 (Mon)	05:57	06:46 111		12:29 57S	18:12 250		19:00
2025 Jan 21 (Tue)	05:57	06:46 110		12:29 57S	18:12 250		19:01
2025 Jan 22 (Wed)	05:57	06:46 110		12:29 57S	18:13 250		19:01
2025 Jan 23 (Thu)	05:57	06:46 110		12:29 57S	18:13 250		19:02
2025 Jan 24 (Fri)	05:57	06:46 110		12:30 58S	18:14 251		19:02
2025 Jan 25 (Sat)	05:57	06:46 109		12:30 58S	18:14 251		19:03
2025 Jan 26 (Sun)	05:57	06:46 109		12:30 58S	18:15 251		19:03
2025 Jan 27 (Mon)	05:57	06:46 109		12:30 58S	18:15 251		19:03
2025 Jan 28 (Tue)	05:57	06:46 109		12:31 59S	18:16 252		19:04
2025 Jan 29 (Wed)	05:57	06:45 108		12:31 59S	18:16 252		19:04
2025 Jan 30 (Thu)	05:57	06:45 108		12:31 59S	18:17 252		19:05
2025 Jan 31 (Fri)	05:57	06:45 108		12:31 60S	18:17 252		19:05
2025 Feb 01 (Sat)	05:57	06:45 107		12:31 60S	18:17 253		19:05
2025 Feb 02 (Sun)	05:57	06:45 107		12:31 60S	18:18 253		19:06
2025 Feb 03 (Mon)	05:57	06:45 107		12:31 60S	18:18 253		19:06
2025 Feb 04 (Tue)	05:57	06:44 107		12:31 61S	18:19 254		19:06
2025 Feb 05 (Wed)	05:57	06:44 106		12:32 61S	18:19 254		19:07
2025 Feb 06 (Thu)	05:56	06:44 106		12:32 61S	18:20 254		19:07
2025 Feb 07 (Fri)	05:56	06:44 106		12:32 62S	18:20 255		19:07
2025 Feb 08 (Sat)	05:56	06:43 105		12:32 62S	18:20 255		19:08
2025 Feb 09 (Sun)	05:56	06:43 105		12:32 62S	18:21 255		19:08
2025 Feb 10 (Mon)	05:55	06:43 105		12:32 63S	18:21 256		19:08
2025 Feb 11 (Tue)	05:55	06:42 104		12:32 63S	18:21 256		19:09
2025 Feb 12 (Wed)	05:55	06:42 104		12:32 63S	18:22 256		19:09
2025 Feb 13 (Thu)	05:55	06:42 104		12:32 64S	18:22 257		19:09
2025 Feb 14 (Fri)	05:54	06:41 103		12:32 64S	18:22 257		19:09
2025 Feb 15 (Sat)	05:54	06:41 103		12:32 64S	18:23 257		19:10
2025 Feb 16 (Sun)	05:54	06:41 102		12:32 65S	18:23 258		19:10
2025 Feb 17 (Mon)	05:53	06:40 102		12:32 65S	18:23 258		19:10
2025 Feb 18 (Tue)	05:53	06:40 102		12:31 65S	18:23 258		19:10
2025 Feb 19 (Wed)	05:52	06:39 101		12:31 66S	18:24 259		19:10
2025 Feb 20 (Thu)	05:52	06:39 101		12:31 66S	18:24 259		19:11
2025 Feb 21 (Fri)	05:52	06:38 101		12:31 66S	18:24 260		19:11
2025 Feb 22 (Sat)	05:51	06:38 100		12:31 67S	18:24 260		19:11
2025 Feb 23 (Sun)	05:51	06:37 100		12:31 67S	18:25 260		19:11
2025 Feb 24 (Mon)	05:50	06:37 100		12:31 67S	18:25 261		19:11

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

2025	May	03	(Sat)	05:07	05:55	74	12:14	89N	18:34	287	19:23
2025	May	04	(Sun)	05:06	05:55	73	12:14	89N	18:34	287	19:23
2025	May	05	(Mon)	05:06	05:54	73	12:14	88N	18:35	287	19:23
2025	May	06	(Tue)	05:05	05:54	73	12:14	88N	18:35	287	19:23
2025	May	07	(Wed)	05:05	05:53	72	12:14	88N	18:35	288	19:24
2025	May	08	(Thu)	05:04	05:53	72	12:14	87N	18:35	288	19:24
2025	May	09	(Fri)	05:04	05:53	72	12:14	87N	18:36	288	19:24
2025	May	10	(Sat)	05:03	05:52	72	12:14	87N	18:36	289	19:25
2025	May	11	(Sun)	05:03	05:52	71	12:14	87N	18:36	289	19:25
2025	May	12	(Mon)	05:03	05:52	71	12:14	86N	18:36	289	19:26
2025	May	13	(Tue)	05:02	05:51	71	12:14	86N	18:37	289	19:26
2025	May	14	(Wed)	05:02	05:51	71	12:14	86N	18:37	290	19:26
2025	May	15	(Thu)	05:02	05:51	70	12:14	86N	18:37	290	19:27
2025	May	16	(Fri)	05:01	05:51	70	12:14	85N	18:37	290	19:27
2025	May	17	(Sat)	05:01	05:50	70	12:14	85N	18:38	290	19:27
2025	May	18	(Sun)	05:01	05:50	70	12:14	85N	18:38	291	19:28
2025	May	19	(Mon)	05:00	05:50	69	12:14	85N	18:38	291	19:28
2025	May	20	(Tue)	05:00	05:50	69	12:14	85N	18:39	291	19:28
2025	May	21	(Wed)	05:00	05:50	69	12:14	84N	18:39	291	19:29
2025	May	22	(Thu)	05:00	05:49	69	12:14	84N	18:39	291	19:29
2025	May	23	(Fri)	04:59	05:49	69	12:14	84N	18:39	292	19:30
2025	May	24	(Sat)	04:59	05:49	68	12:14	84N	18:40	292	19:30
2025	May	25	(Sun)	04:59	05:49	68	12:15	84N	18:40	292	19:30
2025	May	26	(Mon)	04:59	05:49	68	12:15	83N	18:40	292	19:31
2025	May	27	(Tue)	04:59	05:49	68	12:15	83N	18:41	292	19:31
2025	May	28	(Wed)	04:58	05:49	68	12:15	83N	18:41	292	19:32
2025	May	29	(Thu)	04:58	05:49	67	12:15	83N	18:41	293	19:32
2025	May	30	(Fri)	04:58	05:49	67	12:15	83N	18:42	293	19:32
2025	May	31	(Sat)	04:58	05:49	67	12:15	83N	18:42	293	19:33
2025	Jun	01	(Sun)	04:58	05:49	67	12:15	83N	18:42	293	19:33
2025	Jun	02	(Mon)	04:58	05:49	67	12:16	82N	18:43	293	19:33
2025	Jun	03	(Tue)	04:58	05:49	67	12:16	82N	18:43	293	19:34
2025	Jun	04	(Wed)	04:58	05:49	67	12:16	82N	18:43	293	19:34
2025	Jun	05	(Thu)	04:58	05:49	67	12:16	82N	18:44	294	19:34
2025	Jun	06	(Fri)	04:58	05:49	66	12:16	82N	18:44	294	19:35
2025	Jun	07	(Sat)	04:58	05:49	66	12:16	82N	18:44	294	19:35
2025	Jun	08	(Sun)	04:58	05:49	66	12:17	82N	18:44	294	19:36
2025	Jun	09	(Mon)	04:58	05:49	66	12:17	82N	18:45	294	19:36
2025	Jun	10	(Tue)	04:58	05:49	66	12:17	82N	18:45	294	19:36
2025	Jun	11	(Wed)	04:58	05:49	66	12:17	82N	18:45	294	19:36
2025	Jun	12	(Thu)	04:58	05:49	66	12:17	81N	18:46	294	19:37
2025	Jun	13	(Fri)	04:58	05:50	66	12:18	81N	18:46	294	19:37
2025	Jun	14	(Sat)	04:58	05:50	66	12:18	81N	18:46	294	19:37
2025	Jun	15	(Sun)	04:59	05:50	66	12:18	81N	18:46	294	19:38
2025	Jun	16	(Mon)	04:59	05:50	66	12:18	81N	18:47	294	19:38
2025	Jun	17	(Tue)	04:59	05:50	66	12:19	81N	18:47	294	19:38
2025	Jun	18	(Wed)	04:59	05:50	66	12:19	81N	18:47	294	19:38
2025	Jun	19	(Thu)	04:59	05:51	66	12:19	81N	18:47	294	19:39
2025	Jun	20	(Fri)	04:59	05:51	66	12:19	81N	18:48	294	19:39
2025	Jun	21	(Sat)	05:00	05:51	66	12:19	81N	18:48	294	19:39
2025	Jun	22	(Sun)	05:00	05:51	66	12:20	81N	18:48	294	19:39
2025	Jun	23	(Mon)	05:00	05:51	66	12:20	81N	18:48	294	19:40
2025	Jun	24	(Tue)	05:00	05:52	66	12:20	81N	18:48	294	19:40
2025	Jun	25	(Wed)	05:01	05:52	66	12:20	81N	18:49	294	19:40
2025	Jun	26	(Thu)	05:01	05:52	66	12:20	81N	18:49	294	19:40
2025	Jun	27	(Fri)	05:01	05:52	66	12:21	81N	18:49	294	19:40
2025	Jun	28	(Sat)	05:01	05:53	66	12:21	81N	18:49	294	19:40
2025	Jun	29	(Sun)	05:02	05:53	66	12:21	81N	18:49	294	19:40
2025	Jun	30	(Mon)	05:02	05:53	66	12:21	81N	18:49	294	19:41
2025	Jul	01	(Tue)	05:02	05:53	66	12:22	82N	18:49	294	19:41
2025	Jul	02	(Wed)	05:03	05:54	66	12:22	82N	18:50	294	19:41
2025	Jul	03	(Thu)	05:03	05:54	66	12:22	82N	18:50	294	19:41
2025	Jul	04	(Fri)	05:03	05:54	66	12:22	82N	18:50	294	19:41
2025	Jul	05	(Sat)	05:04	05:55	66	12:22	82N	18:50	294	19:41
2025	Jul	06	(Sun)	05:04	05:55	66	12:22	82N	18:50	294	19:41
2025	Jul	07	(Mon)	05:04	05:55	66	12:23	82N	18:50	293	19:41
2025	Jul	08	(Tue)	05:05	05:55	67	12:23	82N	18:50	293	19:41

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

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

2025 Nov 20 (Thu)	05:31	06:20	110	12:03	57S	17:46	250	18:35
2025 Nov 21 (Fri)	05:32	06:20	110	12:03	57S	17:47	250	18:35
2025 Nov 22 (Sat)	05:32	06:21	111	12:04	57S	17:47	249	18:35
2025 Nov 23 (Sun)	05:32	06:21	111	12:04	56S	17:47	249	18:35
2025 Nov 24 (Mon)	05:33	06:22	111	12:04	56S	17:47	249	18:36
2025 Nov 25 (Tue)	05:33	06:22	111	12:05	56S	17:47	249	18:36
2025 Nov 26 (Wed)	05:34	06:23	111	12:05	56S	17:47	249	18:36
2025 Nov 27 (Thu)	05:34	06:23	112	12:05	56S	17:47	248	18:36
2025 Nov 28 (Fri)	05:35	06:24	112	12:06	55S	17:47	248	18:36
2025 Nov 29 (Sat)	05:35	06:24	112	12:06	55S	17:47	248	18:36
2025 Nov 30 (Sun)	05:36	06:25	112	12:06	55S	17:47	248	18:37
2025 Dec 01 (Mon)	05:36	06:26	112	12:07	55S	17:48	248	18:37
2025 Dec 02 (Tue)	05:37	06:26	112	12:07	55S	17:48	247	18:37
2025 Dec 03 (Wed)	05:37	06:27	113	12:07	55S	17:48	247	18:37
2025 Dec 04 (Thu)	05:38	06:27	113	12:08	55S	17:48	247	18:38
2025 Dec 05 (Fri)	05:38	06:28	113	12:08	54S	17:49	247	18:38
2025 Dec 06 (Sat)	05:39	06:28	113	12:09	54S	17:49	247	18:38
2025 Dec 07 (Sun)	05:39	06:29	113	12:09	54S	17:49	247	18:39
2025 Dec 08 (Mon)	05:40	06:29	113	12:09	54S	17:49	247	18:39
2025 Dec 09 (Tue)	05:40	06:30	113	12:10	54S	17:50	247	18:39
2025 Dec 10 (Wed)	05:41	06:31	113	12:10	54S	17:50	247	18:40
2025 Dec 11 (Thu)	05:41	06:31	114	12:11	54S	17:51	246	18:40
2025 Dec 12 (Fri)	05:42	06:32	114	12:11	54S	17:51	246	18:41
2025 Dec 13 (Sat)	05:42	06:32	114	12:12	54S	17:51	246	18:41
2025 Dec 14 (Sun)	05:43	06:33	114	12:12	54S	17:52	246	18:41
2025 Dec 15 (Mon)	05:43	06:33	114	12:13	54S	17:52	246	18:42
2025 Dec 16 (Tue)	05:44	06:34	114	12:13	53S	17:53	246	18:42
2025 Dec 17 (Wed)	05:44	06:34	114	12:14	53S	17:53	246	18:43
2025 Dec 18 (Thu)	05:45	06:35	114	12:14	53S	17:53	246	18:43
2025 Dec 19 (Fri)	05:46	06:35	114	12:15	53S	17:54	246	18:44
2025 Dec 20 (Sat)	05:46	06:36	114	12:15	53S	17:54	246	18:44
2025 Dec 21 (Sun)	05:47	06:36	114	12:16	53S	17:55	246	18:45
2025 Dec 22 (Mon)	05:47	06:37	114	12:16	53S	17:55	246	18:45
2025 Dec 23 (Tue)	05:48	06:37	114	12:17	53S	17:56	246	18:46
2025 Dec 24 (Wed)	05:48	06:38	114	12:17	53S	17:56	246	18:46
2025 Dec 25 (Thu)	05:49	06:38	114	12:18	53S	17:57	246	18:47
2025 Dec 26 (Fri)	05:49	06:39	114	12:18	53S	17:57	246	18:47
2025 Dec 27 (Sat)	05:49	06:39	114	12:19	53S	17:58	246	18:48
2025 Dec 28 (Sun)	05:50	06:40	114	12:19	54S	17:59	246	18:48
2025 Dec 29 (Mon)	05:50	06:40	114	12:20	54S	17:59	246	18:49
2025 Dec 30 (Tue)	05:51	06:41	114	12:20	54S	18:00	246	18:49
2025 Dec 31 (Wed)	05:51	06:41	114	12:21	54S	18:00	246	18:50

Sun

VTMD

Location: E100°36'00.0", N13°54'00.0", 9m
(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)	06:18	06:41	114	12:21	54S	18:01	247	18:24
2025 Jan 02 (Thu)	06:19	06:42	113	12:22	54S	18:02	247	18:25
2025 Jan 03 (Fri)	06:19	06:42	113	12:22	54S	18:02	247	18:25
2025 Jan 04 (Sat)	06:19	06:42	113	12:23	54S	18:03	247	18:26
2025 Jan 05 (Sun)	06:20	06:43	113	12:23	54S	18:03	247	18:26
2025 Jan 06 (Mon)	06:20	06:43	113	12:23	54S	18:04	247	18:27
2025 Jan 07 (Tue)	06:20	06:43	113	12:24	54S	18:04	247	18:27
2025 Jan 08 (Wed)	06:21	06:44	113	12:24	55S	18:05	247	18:28
2025 Jan 09 (Thu)	06:21	06:44	113	12:25	55S	18:06	247	18:28
2025 Jan 10 (Fri)	06:21	06:44	112	12:25	55S	18:06	248	18:29
2025 Jan 11 (Sat)	06:22	06:44	112	12:26	55S	18:07	248	18:30
2025 Jan 12 (Sun)	06:22	06:45	112	12:26	55S	18:07	248	18:30

2025	Jan	13	(Mon)	06:22	06:45	112	12:26	55S	18:08	248	18:31
2025	Jan	14	(Tue)	06:22	06:45	112	12:27	56S	18:08	248	18:31
2025	Jan	15	(Wed)	06:22	06:45	112	12:27	56S	18:09	249	18:32
2025	Jan	16	(Thu)	06:23	06:45	111	12:27	56S	18:09	249	18:32
2025	Jan	17	(Fri)	06:23	06:45	111	12:28	56S	18:10	249	18:33
2025	Jan	18	(Sat)	06:23	06:46	111	12:28	56S	18:11	249	18:33
2025	Jan	19	(Sun)	06:23	06:46	111	12:28	57S	18:11	249	18:34
2025	Jan	20	(Mon)	06:23	06:46	111	12:29	57S	18:12	250	18:34
2025	Jan	21	(Tue)	06:23	06:46	110	12:29	57S	18:12	250	18:35
2025	Jan	22	(Wed)	06:23	06:46	110	12:29	57S	18:13	250	18:35
2025	Jan	23	(Thu)	06:23	06:46	110	12:29	57S	18:13	250	18:36
2025	Jan	24	(Fri)	06:23	06:46	110	12:30	58S	18:14	251	18:36
2025	Jan	25	(Sat)	06:23	06:46	109	12:30	58S	18:14	251	18:37
2025	Jan	26	(Sun)	06:23	06:46	109	12:30	58S	18:15	251	18:37
2025	Jan	27	(Mon)	06:23	06:46	109	12:30	58S	18:15	251	18:38
2025	Jan	28	(Tue)	06:23	06:46	109	12:31	59S	18:16	252	18:38
2025	Jan	29	(Wed)	06:23	06:45	108	12:31	59S	18:16	252	18:38
2025	Jan	30	(Thu)	06:23	06:45	108	12:31	59S	18:17	252	18:39
2025	Jan	31	(Fri)	06:23	06:45	108	12:31	60S	18:17	252	18:39
2025	Feb	01	(Sat)	06:23	06:45	107	12:31	60S	18:17	253	18:40
2025	Feb	02	(Sun)	06:23	06:45	107	12:31	60S	18:18	253	18:40
2025	Feb	03	(Mon)	06:22	06:45	107	12:31	60S	18:18	253	18:40
2025	Feb	04	(Tue)	06:22	06:44	107	12:31	61S	18:19	254	18:41
2025	Feb	05	(Wed)	06:22	06:44	106	12:32	61S	18:19	254	18:41
2025	Feb	06	(Thu)	06:22	06:44	106	12:32	61S	18:20	254	18:42
2025	Feb	07	(Fri)	06:22	06:44	106	12:32	62S	18:20	255	18:42
2025	Feb	08	(Sat)	06:21	06:43	105	12:32	62S	18:20	255	18:42
2025	Feb	09	(Sun)	06:21	06:43	105	12:32	62S	18:21	255	18:43
2025	Feb	10	(Mon)	06:21	06:43	105	12:32	63S	18:21	256	18:43
2025	Feb	11	(Tue)	06:21	06:42	104	12:32	63S	18:21	256	18:43
2025	Feb	12	(Wed)	06:20	06:42	104	12:32	63S	18:22	256	18:44
2025	Feb	13	(Thu)	06:20	06:42	104	12:32	64S	18:22	257	18:44
2025	Feb	14	(Fri)	06:20	06:41	103	12:32	64S	18:22	257	18:44
2025	Feb	15	(Sat)	06:19	06:41	103	12:32	64S	18:23	257	18:44
2025	Feb	16	(Sun)	06:19	06:41	102	12:32	65S	18:23	258	18:45
2025	Feb	17	(Mon)	06:18	06:40	102	12:32	65S	18:23	258	18:45
2025	Feb	18	(Tue)	06:18	06:40	102	12:31	65S	18:23	258	18:45
2025	Feb	19	(Wed)	06:18	06:39	101	12:31	66S	18:24	259	18:45
2025	Feb	20	(Thu)	06:17	06:39	101	12:31	66S	18:24	259	18:46
2025	Feb	21	(Fri)	06:17	06:38	101	12:31	66S	18:24	260	18:46
2025	Feb	22	(Sat)	06:16	06:38	100	12:31	67S	18:24	260	18:46
2025	Feb	23	(Sun)	06:16	06:37	100	12:31	67S	18:25	260	18:46
2025	Feb	24	(Mon)	06:15	06:37	100	12:31	67S	18:25	261	18:46
2025	Feb	25	(Tue)	06:15	06:36	99	12:31	68S	18:25	261	18:47
2025	Feb	26	(Wed)	06:14	06:36	99	12:30	68S	18:25	261	18:47
2025	Feb	27	(Thu)	06:14	06:35	98	12:30	69S	18:26	262	18:47
2025	Feb	28	(Fri)	06:13	06:35	98	12:30	69S	18:26	262	18:47
2025	Mar	01	(Sat)	06:13	06:34	98	12:30	69S	18:26	263	18:47
2025	Mar	02	(Sun)	06:12	06:33	97	12:30	70S	18:26	263	18:48
2025	Mar	03	(Mon)	06:11	06:33	97	12:30	70S	18:26	263	18:48
2025	Mar	04	(Tue)	06:11	06:32	96	12:29	70S	18:26	264	18:48
2025	Mar	05	(Wed)	06:10	06:32	96	12:29	71S	18:27	264	18:48
2025	Mar	06	(Thu)	06:10	06:31	96	12:29	71S	18:27	265	18:48
2025	Mar	07	(Fri)	06:09	06:30	95	12:29	72S	18:27	265	18:48
2025	Mar	08	(Sat)	06:08	06:30	95	12:28	72S	18:27	265	18:48
2025	Mar	09	(Sun)	06:08	06:29	94	12:28	72S	18:27	266	18:49
2025	Mar	10	(Mon)	06:07	06:29	94	12:28	73S	18:27	266	18:49
2025	Mar	11	(Tue)	06:07	06:28	94	12:28	73S	18:27	267	18:49
2025	Mar	12	(Wed)	06:06	06:27	93	12:27	74S	18:28	267	18:49
2025	Mar	13	(Thu)	06:05	06:27	93	12:27	74S	18:28	267	18:49
2025	Mar	14	(Fri)	06:05	06:26	92	12:27	74S	18:28	268	18:49
2025	Mar	15	(Sat)	06:04	06:25	92	12:26	75S	18:28	268	18:49
2025	Mar	16	(Sun)	06:03	06:25	92	12:26	75S	18:28	269	18:49
2025	Mar	17	(Mon)	06:03	06:24	91	12:26	76S	18:28	269	18:49
2025	Mar	18	(Tue)	06:02	06:23	91	12:26	76S	18:28	269	18:50
2025	Mar	19	(Wed)	06:01	06:23	90	12:25	76S	18:28	270	18:50
2025	Mar	20	(Thu)	06:01	06:22	90	12:25	77S	18:28	270	18:50

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

2025	May	27	(Tue)	05:26	05:49	68	12:15	83N	18:41	292	19:04
2025	May	28	(Wed)	05:26	05:49	68	12:15	83N	18:41	292	19:04
2025	May	29	(Thu)	05:26	05:49	67	12:15	83N	18:41	293	19:05
2025	May	30	(Fri)	05:26	05:49	67	12:15	83N	18:42	293	19:05
2025	May	31	(Sat)	05:25	05:49	67	12:15	83N	18:42	293	19:05
2025	Jun	01	(Sun)	05:25	05:49	67	12:15	83N	18:42	293	19:06
2025	Jun	02	(Mon)	05:25	05:49	67	12:16	82N	18:43	293	19:06
2025	Jun	03	(Tue)	05:25	05:49	67	12:16	82N	18:43	293	19:06
2025	Jun	04	(Wed)	05:25	05:49	67	12:16	82N	18:43	293	19:07
2025	Jun	05	(Thu)	05:25	05:49	67	12:16	82N	18:44	294	19:07
2025	Jun	06	(Fri)	05:25	05:49	66	12:16	82N	18:44	294	19:07
2025	Jun	07	(Sat)	05:25	05:49	66	12:16	82N	18:44	294	19:08
2025	Jun	08	(Sun)	05:26	05:49	66	12:17	82N	18:44	294	19:08
2025	Jun	09	(Mon)	05:26	05:49	66	12:17	82N	18:45	294	19:08
2025	Jun	10	(Tue)	05:26	05:49	66	12:17	82N	18:45	294	19:08
2025	Jun	11	(Wed)	05:26	05:49	66	12:17	82N	18:45	294	19:09
2025	Jun	12	(Thu)	05:26	05:49	66	12:17	81N	18:46	294	19:09
2025	Jun	13	(Fri)	05:26	05:50	66	12:18	81N	18:46	294	19:09
2025	Jun	14	(Sat)	05:26	05:50	66	12:18	81N	18:46	294	19:10
2025	Jun	15	(Sun)	05:26	05:50	66	12:18	81N	18:46	294	19:10
2025	Jun	16	(Mon)	05:26	05:50	66	12:18	81N	18:47	294	19:10
2025	Jun	17	(Tue)	05:27	05:50	66	12:19	81N	18:47	294	19:10
2025	Jun	18	(Wed)	05:27	05:50	66	12:19	81N	18:47	294	19:11
2025	Jun	19	(Thu)	05:27	05:51	66	12:19	81N	18:47	294	19:11
2025	Jun	20	(Fri)	05:27	05:51	66	12:19	81N	18:48	294	19:11
2025	Jun	21	(Sat)	05:27	05:51	66	12:19	81N	18:48	294	19:11
2025	Jun	22	(Sun)	05:28	05:51	66	12:20	81N	18:48	294	19:12
2025	Jun	23	(Mon)	05:28	05:51	66	12:20	81N	18:48	294	19:12
2025	Jun	24	(Tue)	05:28	05:52	66	12:20	81N	18:48	294	19:12
2025	Jun	25	(Wed)	05:28	05:52	66	12:20	81N	18:49	294	19:12
2025	Jun	26	(Thu)	05:29	05:52	66	12:20	81N	18:49	294	19:12
2025	Jun	27	(Fri)	05:29	05:52	66	12:21	81N	18:49	294	19:12
2025	Jun	28	(Sat)	05:29	05:53	66	12:21	81N	18:49	294	19:13
2025	Jun	29	(Sun)	05:29	05:53	66	12:21	81N	18:49	294	19:13
2025	Jun	30	(Mon)	05:30	05:53	66	12:21	81N	18:49	294	19:13
2025	Jul	01	(Tue)	05:30	05:53	66	12:22	82N	18:49	294	19:13
2025	Jul	02	(Wed)	05:30	05:54	66	12:22	82N	18:50	294	19:13
2025	Jul	03	(Thu)	05:31	05:54	66	12:22	82N	18:50	294	19:13
2025	Jul	04	(Fri)	05:31	05:54	66	12:22	82N	18:50	294	19:13
2025	Jul	05	(Sat)	05:31	05:55	66	12:22	82N	18:50	294	19:13
2025	Jul	06	(Sun)	05:31	05:55	66	12:22	82N	18:50	294	19:13
2025	Jul	07	(Mon)	05:32	05:55	66	12:23	82N	18:50	293	19:13
2025	Jul	08	(Tue)	05:32	05:55	67	12:23	82N	18:50	293	19:13
2025	Jul	09	(Wed)	05:32	05:56	67	12:23	82N	18:50	293	19:13
2025	Jul	10	(Thu)	05:33	05:56	67	12:23	82N	18:50	293	19:13
2025	Jul	11	(Fri)	05:33	05:56	67	12:23	83N	18:50	293	19:13
2025	Jul	12	(Sat)	05:33	05:57	67	12:23	83N	18:50	293	19:13
2025	Jul	13	(Sun)	05:34	05:57	67	12:23	83N	18:50	293	19:13
2025	Jul	14	(Mon)	05:34	05:57	67	12:24	83N	18:50	293	19:13
2025	Jul	15	(Tue)	05:34	05:58	68	12:24	83N	18:50	292	19:13
2025	Jul	16	(Wed)	05:35	05:58	68	12:24	83N	18:50	292	19:13
2025	Jul	17	(Thu)	05:35	05:58	68	12:24	83N	18:49	292	19:13
2025	Jul	18	(Fri)	05:35	05:58	68	12:24	84N	18:49	292	19:12
2025	Jul	19	(Sat)	05:36	05:59	68	12:24	84N	18:49	292	19:12
2025	Jul	20	(Sun)	05:36	05:59	68	12:24	84N	18:49	291	19:12
2025	Jul	21	(Mon)	05:36	05:59	69	12:24	84N	18:49	291	19:12
2025	Jul	22	(Tue)	05:37	05:59	69	12:24	84N	18:49	291	19:12
2025	Jul	23	(Wed)	05:37	06:00	69	12:24	85N	18:48	291	19:11
2025	Jul	24	(Thu)	05:37	06:00	69	12:24	85N	18:48	291	19:11
2025	Jul	25	(Fri)	05:37	06:00	70	12:24	85N	18:48	290	19:11
2025	Jul	26	(Sat)	05:38	06:01	70	12:24	85N	18:48	290	19:10
2025	Jul	27	(Sun)	05:38	06:01	70	12:24	85N	18:47	290	19:10
2025	Jul	28	(Mon)	05:38	06:01	70	12:24	86N	18:47	290	19:10
2025	Jul	29	(Tue)	05:39	06:01	70	12:24	86N	18:47	289	19:10
2025	Jul	30	(Wed)	05:39	06:01	71	12:24	86N	18:47	289	19:09
2025	Jul	31	(Thu)	05:39	06:02	71	12:24	86N	18:46	289	19:09
2025	Aug	01	(Fri)	05:39	06:02	71	12:24	87N	18:46	289	19:08

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

2025	Oct	08	(Wed)	05:46	06:08	96	12:05	71S	18:03	264	18:24
2025	Oct	09	(Thu)	05:46	06:08	96	12:05	70S	18:02	264	18:23
2025	Oct	10	(Fri)	05:46	06:08	97	12:05	70S	18:01	263	18:23
2025	Oct	11	(Sat)	05:47	06:08	97	12:04	70S	18:01	263	18:22
2025	Oct	12	(Sun)	05:47	06:08	97	12:04	69S	18:00	262	18:21
2025	Oct	13	(Mon)	05:47	06:08	98	12:04	69S	17:59	262	18:21
2025	Oct	14	(Tue)	05:47	06:08	98	12:04	69S	17:59	262	18:20
2025	Oct	15	(Wed)	05:47	06:08	99	12:03	68S	17:58	261	18:20
2025	Oct	16	(Thu)	05:47	06:09	99	12:03	68S	17:58	261	18:19
2025	Oct	17	(Fri)	05:47	06:09	99	12:03	67S	17:57	260	18:19
2025	Oct	18	(Sat)	05:47	06:09	100	12:03	67S	17:56	260	18:18
2025	Oct	19	(Sun)	05:48	06:09	100	12:03	67S	17:56	260	18:17
2025	Oct	20	(Mon)	05:48	06:09	100	12:02	66S	17:55	259	18:17
2025	Oct	21	(Tue)	05:48	06:10	101	12:02	66S	17:55	259	18:16
2025	Oct	22	(Wed)	05:48	06:10	101	12:02	66S	17:54	259	18:16
2025	Oct	23	(Thu)	05:48	06:10	102	12:02	65S	17:54	258	18:15
2025	Oct	24	(Fri)	05:48	06:10	102	12:02	65S	17:53	258	18:15
2025	Oct	25	(Sat)	05:49	06:10	102	12:02	65S	17:53	258	18:15
2025	Oct	26	(Sun)	05:49	06:11	103	12:02	64S	17:52	257	18:14
2025	Oct	27	(Mon)	05:49	06:11	103	12:01	64S	17:52	257	18:14
2025	Oct	28	(Tue)	05:49	06:11	103	12:01	64S	17:52	257	18:13
2025	Oct	29	(Wed)	05:50	06:11	104	12:01	63S	17:51	256	18:13
2025	Oct	30	(Thu)	05:50	06:12	104	12:01	63S	17:51	256	18:13
2025	Oct	31	(Fri)	05:50	06:12	104	12:01	63S	17:50	256	18:12
2025	Nov	01	(Sat)	05:50	06:12	105	12:01	62S	17:50	255	18:12
2025	Nov	02	(Sun)	05:51	06:13	105	12:01	62S	17:50	255	18:12
2025	Nov	03	(Mon)	05:51	06:13	105	12:01	62S	17:49	255	18:11
2025	Nov	04	(Tue)	05:51	06:13	106	12:01	61S	17:49	254	18:11
2025	Nov	05	(Wed)	05:51	06:14	106	12:01	61S	17:49	254	18:11
2025	Nov	06	(Thu)	05:52	06:14	106	12:01	61S	17:48	254	18:11
2025	Nov	07	(Fri)	05:52	06:14	107	12:01	60S	17:48	253	18:10
2025	Nov	08	(Sat)	05:52	06:15	107	12:01	60S	17:48	253	18:10
2025	Nov	09	(Sun)	05:53	06:15	107	12:01	60S	17:48	253	18:10
2025	Nov	10	(Mon)	05:53	06:15	107	12:02	60S	17:47	252	18:10
2025	Nov	11	(Tue)	05:54	06:16	108	12:02	59S	17:47	252	18:10
2025	Nov	12	(Wed)	05:54	06:16	108	12:02	59S	17:47	252	18:09
2025	Nov	13	(Thu)	05:54	06:17	108	12:02	59S	17:47	252	18:09
2025	Nov	14	(Fri)	05:55	06:17	109	12:02	59S	17:47	251	18:09
2025	Nov	15	(Sat)	05:55	06:17	109	12:02	58S	17:47	251	18:09
2025	Nov	16	(Sun)	05:55	06:18	109	12:02	58S	17:47	251	18:09
2025	Nov	17	(Mon)	05:56	06:18	109	12:03	58S	17:47	251	18:09
2025	Nov	18	(Tue)	05:56	06:19	110	12:03	58S	17:47	250	18:09
2025	Nov	19	(Wed)	05:57	06:19	110	12:03	57S	17:47	250	18:09
2025	Nov	20	(Thu)	05:57	06:20	110	12:03	57S	17:46	250	18:09
2025	Nov	21	(Fri)	05:58	06:20	110	12:03	57S	17:47	250	18:09
2025	Nov	22	(Sat)	05:58	06:21	111	12:04	57S	17:47	249	18:09
2025	Nov	23	(Sun)	05:59	06:21	111	12:04	56S	17:47	249	18:09
2025	Nov	24	(Mon)	05:59	06:22	111	12:04	56S	17:47	249	18:09
2025	Nov	25	(Tue)	06:00	06:22	111	12:05	56S	17:47	249	18:09
2025	Nov	26	(Wed)	06:00	06:23	111	12:05	56S	17:47	249	18:10
2025	Nov	27	(Thu)	06:01	06:23	112	12:05	56S	17:47	248	18:10
2025	Nov	28	(Fri)	06:01	06:24	112	12:06	55S	17:47	248	18:10
2025	Nov	29	(Sat)	06:02	06:24	112	12:06	55S	17:47	248	18:10
2025	Nov	30	(Sun)	06:02	06:25	112	12:06	55S	17:47	248	18:10
2025	Dec	01	(Mon)	06:03	06:26	112	12:07	55S	17:48	248	18:11
2025	Dec	02	(Tue)	06:03	06:26	112	12:07	55S	17:48	247	18:11
2025	Dec	03	(Wed)	06:04	06:27	113	12:07	55S	17:48	247	18:11
2025	Dec	04	(Thu)	06:04	06:27	113	12:08	55S	17:48	247	18:11
2025	Dec	05	(Fri)	06:05	06:28	113	12:08	54S	17:49	247	18:12
2025	Dec	06	(Sat)	06:05	06:28	113	12:09	54S	17:49	247	18:12
2025	Dec	07	(Sun)	06:06	06:29	113	12:09	54S	17:49	247	18:12
2025	Dec	08	(Mon)	06:06	06:29	113	12:09	54S	17:49	247	18:13
2025	Dec	09	(Tue)	06:07	06:30	113	12:10	54S	17:50	247	18:13
2025	Dec	10	(Wed)	06:07	06:31	113	12:10	54S	17:50	247	18:13
2025	Dec	11	(Thu)	06:08	06:31	114	12:11	54S	17:51	246	18:14
2025	Dec	12	(Fri)	06:08	06:32	114	12:11	54S	17:51	246	18:14
2025	Dec	13	(Sat)	06:09	06:32	114	12:12	54S	17:51	246	18:14

2025	Dec 14	(Sun)	06:10	06:33	114	12:12	54S	17:52	246	18:15
2025	Dec 15	(Mon)	06:10	06:33	114	12:13	54S	17:52	246	18:15
2025	Dec 16	(Tue)	06:11	06:34	114	12:13	53S	17:53	246	18:16
2025	Dec 17	(Wed)	06:11	06:34	114	12:14	53S	17:53	246	18:16
2025	Dec 18	(Thu)	06:12	06:35	114	12:14	53S	17:53	246	18:17
2025	Dec 19	(Fri)	06:12	06:35	114	12:15	53S	17:54	246	18:17
2025	Dec 20	(Sat)	06:13	06:36	114	12:15	53S	17:54	246	18:18
2025	Dec 21	(Sun)	06:13	06:36	114	12:16	53S	17:55	246	18:18
2025	Dec 22	(Mon)	06:14	06:37	114	12:16	53S	17:55	246	18:19
2025	Dec 23	(Tue)	06:14	06:37	114	12:17	53S	17:56	246	18:19
2025	Dec 24	(Wed)	06:15	06:38	114	12:17	53S	17:56	246	18:20
2025	Dec 25	(Thu)	06:15	06:38	114	12:18	53S	17:57	246	18:20
2025	Dec 26	(Fri)	06:16	06:39	114	12:18	53S	17:57	246	18:21
2025	Dec 27	(Sat)	06:16	06:39	114	12:19	53S	17:58	246	18:21
2025	Dec 28	(Sun)	06:17	06:40	114	12:19	54S	17:59	246	18:22
2025	Dec 29	(Mon)	06:17	06:40	114	12:20	54S	17:59	246	18:22
2025	Dec 30	(Tue)	06:17	06:41	114	12:20	54S	18:00	246	18:23
2025	Dec 31	(Wed)	06:18	06:41	114	12:21	54S	18:00	246	18:23

Moon

VTMD

Location: E100°36'00.0", N13°54'00.0", 9m
(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)	07:51	117	13:36	51S	19:22	245
2025 Jan 02 (Thu)	08:41	113	14:30	55S	20:21	250
2025 Jan 03 (Fri)	09:28	107	15:22	61S	21:19	255
2025 Jan 04 (Sat)	10:10	101	16:11	67S	22:14	262
2025 Jan 05 (Sun)	10:51	94	16:58	74S	23:08	269
2025 Jan 06 (Mon)	11:31	87	17:45	81S		
2025 Jan 07 (Tue)	12:12	80	18:33	88S	00:03	276
2025 Jan 08 (Wed)	12:55	74	19:24	87N	00:58	283
2025 Jan 09 (Thu)	13:42	68	20:19	82N	01:57	289
2025 Jan 10 (Fri)	14:34	64	21:17	78N	02:58	294
2025 Jan 11 (Sat)	15:32	61	22:18	76N	04:01	298
2025 Jan 12 (Sun)	16:32	61	23:19	76N	05:04	299
2025 Jan 13 (Mon)	17:34	62			06:05	299
2025 Jan 14 (Tue)	18:34	65	00:18	78N	07:00	296
2025 Jan 15 (Wed)	19:31	70	01:13	81N	07:50	293
2025 Jan 16 (Thu)	20:24	75	02:04	86N	08:33	288
2025 Jan 17 (Fri)	21:13	81	02:50	90S	09:12	282
2025 Jan 18 (Sat)	22:00	87	03:32	84S	09:48	276
2025 Jan 19 (Sun)	22:45	93	04:12	78S	10:22	270
2025 Jan 20 (Mon)	23:30	99	04:51	72S	10:55	264
2025 Jan 21 (Tue)			05:31	66S	11:29	258
2025 Jan 22 (Wed)	00:17	105	06:12	61S	12:05	253
2025 Jan 23 (Thu)	01:05	110	06:55	56S	12:44	248
2025 Jan 24 (Fri)	01:56	114	07:42	52S	13:27	244
2025 Jan 25 (Sat)	02:50	117	08:33	49S	14:15	242
2025 Jan 26 (Sun)	03:46	119	09:28	48S	15:09	241
2025 Jan 27 (Mon)	04:43	119	10:25	48S	16:07	241
2025 Jan 28 (Tue)	05:39	118	11:23	50S	17:08	243
2025 Jan 29 (Wed)	06:32	115	12:19	53S	18:09	248
2025 Jan 30 (Thu)	07:21	110	13:13	59S	19:08	253
2025 Jan 31 (Fri)	08:06	104	14:04	65S	20:06	260
2025 Feb 01 (Sat)	08:49	97	14:54	72S	21:02	267
2025 Feb 02 (Sun)	09:30	89	15:42	79S	21:58	274
2025 Feb 03 (Mon)	10:11	82	16:31	86S	22:54	281
2025 Feb 04 (Tue)	10:54	75	17:21	89N	23:52	288
2025 Feb 05 (Wed)	11:40	70	18:14	83N		
2025 Feb 06 (Thu)	12:30	65	19:11	79N	00:52	293

2025 Feb 07 (Fri)	13:25 62	20:10 76N	01:54 297
2025 Feb 08 (Sat)	14:23 60	21:10 76N	02:56 299
2025 Feb 09 (Sun)	15:23 61	22:09 77N	03:56 299
2025 Feb 10 (Mon)	16:23 64	23:04 80N	04:52 298
2025 Feb 11 (Tue)	17:20 68	23:56 84N	05:43 294
2025 Feb 12 (Wed)	18:14 73		06:28 290
2025 Feb 13 (Thu)	19:05 78	00:43 89N	07:08 284
2025 Feb 14 (Fri)	19:52 85	01:26 86S	07:45 278
2025 Feb 15 (Sat)	20:38 91	02:07 80S	08:19 272
2025 Feb 16 (Sun)	21:24 97	02:47 74S	08:53 266
2025 Feb 17 (Mon)	22:10 103	03:27 69S	09:27 260
2025 Feb 18 (Tue)	22:57 108	04:07 63S	10:02 255
2025 Feb 19 (Wed)	23:46 112	04:49 58S	10:39 250
2025 Feb 20 (Thu)		05:34 54S	11:20 246
2025 Feb 21 (Fri)	00:38 116	06:23 50S	12:05 243
2025 Feb 22 (Sat)	01:33 119	07:15 48S	12:56 241
2025 Feb 23 (Sun)	02:29 120	08:10 47S	13:51 240
2025 Feb 24 (Mon)	03:24 119	09:07 49S	14:50 242
2025 Feb 25 (Tue)	04:18 117	10:03 51S	15:50 245
2025 Feb 26 (Wed)	05:09 112	10:58 56S	16:51 250
2025 Feb 27 (Thu)	05:56 107	11:52 62S	17:50 256
2025 Feb 28 (Fri)	06:41 100	12:43 68S	18:48 263
2025 Mar 01 (Sat)	07:24 93	13:33 76S	19:46 271
2025 Mar 02 (Sun)	08:06 85	14:23 83S	20:43 279
2025 Mar 03 (Mon)	08:50 78	15:14 90S	21:43 286
2025 Mar 04 (Tue)	09:36 71	16:08 85N	22:44 292
2025 Mar 05 (Wed)	10:26 66	17:05 80N	23:47 296
2025 Mar 06 (Thu)	11:20 62	18:04 77N	
2025 Mar 07 (Fri)	12:18 61	19:04 76N	00:50 299
2025 Mar 08 (Sat)	13:18 61	20:04 76N	01:51 300
2025 Mar 09 (Sun)	14:17 63	21:00 79N	02:48 298
2025 Mar 10 (Mon)	15:14 66	21:52 82N	03:40 296
2025 Mar 11 (Tue)	16:09 71	22:39 87N	04:26 291
2025 Mar 12 (Wed)	16:59 76	23:23 89S	05:07 286
2025 Mar 13 (Thu)	17:47 82		05:44 281
2025 Mar 14 (Fri)	18:34 88	00:05 83S	06:19 275
2025 Mar 15 (Sat)	19:19 95	00:45 77S	06:53 269
2025 Mar 16 (Sun)	20:05 100	01:24 71S	07:26 263
2025 Mar 17 (Mon)	20:51 106	02:04 65S	08:01 257
2025 Mar 18 (Tue)	21:40 111	02:45 60S	08:37 252
2025 Mar 19 (Wed)	22:31 115	03:29 55S	09:16 247
2025 Mar 20 (Thu)	23:24 118	04:16 51S	10:00 244
2025 Mar 21 (Fri)		05:06 49S	10:47 241
2025 Mar 22 (Sat)	00:18 119	05:59 48S	11:40 240
2025 Mar 23 (Sun)	01:13 120	06:54 48S	12:35 241
2025 Mar 24 (Mon)	02:06 118	07:49 50S	13:34 243
2025 Mar 25 (Tue)	02:57 115	08:43 53S	14:33 247
2025 Mar 26 (Wed)	03:44 110	09:36 58S	15:31 253
2025 Mar 27 (Thu)	04:30 104	10:28 65S	16:29 260
2025 Mar 28 (Fri)	05:13 97	11:18 72S	17:27 267
2025 Mar 29 (Sat)	05:56 89	12:09 79S	18:25 275
2025 Mar 30 (Sun)	06:39 81	13:00 87S	19:26 282
2025 Mar 31 (Mon)	07:26 74	13:55 88N	20:28 289
2025 Apr 01 (Tue)	08:16 68	14:53 82N	21:33 294
2025 Apr 02 (Wed)	09:10 64	15:53 78N	22:39 298
2025 Apr 03 (Thu)	10:09 61	16:56 76N	23:43 300
2025 Apr 04 (Fri)	11:10 60	17:57 76N	
2025 Apr 05 (Sat)	12:11 62	18:55 78N	00:43 299
2025 Apr 06 (Sun)	13:10 65	19:49 81N	01:37 297
2025 Apr 07 (Mon)	14:05 69	20:38 86N	02:25 293
2025 Apr 08 (Tue)	14:56 75	21:22 90S	03:07 288
2025 Apr 09 (Wed)	15:45 80	22:04 85S	03:45 283
2025 Apr 10 (Thu)	16:31 86	22:44 79S	04:20 277
2025 Apr 11 (Fri)	17:16 92	23:23 73S	04:54 271
2025 Apr 12 (Sat)	18:02 98		05:27 265
2025 Apr 13 (Sun)	18:48 104	00:03 67S	06:01 259
2025 Apr 14 (Mon)	19:36 109	00:44 61S	06:37 253

2025 Apr 15 (Tue)	20:26 114	01:27 57S	07:15 249
2025 Apr 16 (Wed)	21:18 117	02:12 53S	07:57 245
2025 Apr 17 (Thu)	22:11 119	03:01 50S	08:43 242
2025 Apr 18 (Fri)	23:05 120	03:53 48S	09:33 241
2025 Apr 19 (Sat)	23:58 119	04:46 48S	10:27 241
2025 Apr 20 (Sun)		05:40 49S	11:23 242
2025 Apr 21 (Mon)	00:49 116	06:34 52S	12:21 246
2025 Apr 22 (Tue)	01:36 112	07:25 56S	13:17 250
2025 Apr 23 (Wed)	02:21 107	08:16 62S	14:14 256
2025 Apr 24 (Thu)	03:03 100	09:05 68S	15:10 263
2025 Apr 25 (Fri)	03:45 93	09:54 75S	16:06 271
2025 Apr 26 (Sat)	04:28 85	10:44 83S	17:05 278
2025 Apr 27 (Sun)	05:12 78	11:37 90S	18:06 286
2025 Apr 28 (Mon)	06:01 71	12:34 85N	19:11 292
2025 Apr 29 (Tue)	06:54 66	13:35 80N	20:18 296
2025 Apr 30 (Wed)	07:53 62	14:39 77N	21:26 299
2025 May 01 (Thu)	08:56 61	15:43 76N	22:30 299
2025 May 02 (Fri)	09:59 61	16:45 77N	23:29 298
2025 May 03 (Sat)	11:01 64	17:42 80N	
2025 May 04 (Sun)	11:59 68	18:34 84N	00:21 294
2025 May 05 (Mon)	12:52 73	19:21 89N	01:06 290
2025 May 06 (Tue)	13:42 79	20:03 86S	01:45 284
2025 May 07 (Wed)	14:29 85	20:44 80S	02:22 278
2025 May 08 (Thu)	15:14 91	21:23 75S	02:56 272
2025 May 09 (Fri)	15:59 97	22:02 69S	03:29 266
2025 May 10 (Sat)	16:45 102	22:43 63S	04:02 261
2025 May 11 (Sun)	17:32 108	23:25 58S	04:37 255
2025 May 12 (Mon)	18:22 112		05:15 250
2025 May 13 (Tue)	19:13 116	00:10 54S	05:56 246
2025 May 14 (Wed)	20:07 118	00:58 50S	06:41 243
2025 May 15 (Thu)	21:01 119	01:49 48S	07:30 241
2025 May 16 (Fri)	21:54 119	02:42 48S	08:23 241
2025 May 17 (Sat)	22:45 117	03:36 49S	09:18 242
2025 May 18 (Sun)	23:32 113	04:29 51S	10:14 245
2025 May 19 (Mon)		05:20 55S	11:10 249
2025 May 20 (Tue)	00:17 108	06:10 60S	12:05 254
2025 May 21 (Wed)	00:59 103	06:57 66S	12:59 261
2025 May 22 (Thu)	01:39 96	07:45 72S	13:53 268
2025 May 23 (Fri)	02:20 89	08:32 80S	14:49 275
2025 May 24 (Sat)	03:02 82	09:22 87S	15:47 282
2025 May 25 (Sun)	03:47 75	10:16 88N	16:49 289
2025 May 26 (Mon)	04:37 68	11:14 82N	17:54 294
2025 May 27 (Tue)	05:33 64	12:17 78N	19:03 298
2025 May 28 (Wed)	06:35 61	13:22 76N	20:10 299
2025 May 29 (Thu)	07:40 61	14:27 76N	21:13 298
2025 May 30 (Fri)	08:45 63	15:29 79N	22:10 296
2025 May 31 (Sat)	09:47 66	16:24 83N	22:59 291
2025 Jun 01 (Sun)	10:43 71	17:14 87N	23:42 286
2025 Jun 02 (Mon)	11:36 77	18:00 88S	
2025 Jun 03 (Tue)	12:25 83	18:42 82S	00:20 280
2025 Jun 04 (Wed)	13:11 89	19:22 76S	00:56 274
2025 Jun 05 (Thu)	13:56 95	20:01 70S	01:29 268
2025 Jun 06 (Fri)	14:42 101	20:41 65S	02:03 262
2025 Jun 07 (Sat)	15:28 106	21:22 60S	02:37 257
2025 Jun 08 (Sun)	16:17 111	22:06 55S	03:14 252
2025 Jun 09 (Mon)	17:08 115	22:54 51S	03:54 247
2025 Jun 10 (Tue)	18:01 118	23:44 49S	04:37 244
2025 Jun 11 (Wed)	18:56 119		05:26 241
2025 Jun 12 (Thu)	19:50 119	00:37 48S	06:18 241
2025 Jun 13 (Fri)	20:42 117	01:31 48S	07:13 241
2025 Jun 14 (Sat)	21:31 114	02:25 50S	08:10 244
2025 Jun 15 (Sun)	22:16 110	03:17 54S	09:06 248
2025 Jun 16 (Mon)	22:58 104	04:07 58S	10:01 253
2025 Jun 17 (Tue)	23:38 98	04:55 64S	10:55 259
2025 Jun 18 (Wed)		05:41 70S	11:48 265
2025 Jun 19 (Thu)	00:17 91	06:27 77S	12:41 272
2025 Jun 20 (Fri)	00:57 84	07:15 84S	13:36 280

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

2025 Aug 27 (Wed)	09:09 100	15:09 65S	21:06 257
2025 Aug 28 (Thu)	09:56 106	15:51 60S	21:43 252
2025 Aug 29 (Fri)	10:45 111	16:34 55S	22:22 247
2025 Aug 30 (Sat)	11:35 115	17:21 52S	23:05 244
2025 Aug 31 (Sun)	12:28 118	18:10 49S	23:52 241
2025 Sep 01 (Mon)	13:21 119	19:02 48S	
2025 Sep 02 (Tue)	14:15 119	19:56 48S	00:43 240
2025 Sep 03 (Wed)	15:08 118	20:50 50S	01:38 241
2025 Sep 04 (Thu)	15:58 115	21:44 53S	02:34 243
2025 Sep 05 (Fri)	16:45 111	22:35 58S	03:32 247
2025 Sep 06 (Sat)	17:29 105	23:25 63S	04:29 252
2025 Sep 07 (Sun)	18:11 98		05:25 258
2025 Sep 08 (Mon)	18:52 91	00:14 70S	06:21 265
2025 Sep 09 (Tue)	19:34 84	01:02 77S	07:17 273
2025 Sep 10 (Wed)	20:17 77	01:52 85S	08:14 280
2025 Sep 11 (Thu)	21:04 70	02:43 90N	09:13 287
2025 Sep 12 (Fri)	21:55 65	03:37 84N	10:15 293
2025 Sep 13 (Sat)	22:51 62	04:36 79N	11:19 297
2025 Sep 14 (Sun)	23:51 60	05:37 77N	12:23 299
2025 Sep 15 (Mon)		06:39 76N	13:25 299
2025 Sep 16 (Tue)	00:54 61	07:39 77N	14:23 298
2025 Sep 17 (Wed)	01:55 64	08:36 80N	15:15 294
2025 Sep 18 (Thu)	02:53 68	09:29 84N	16:01 290
2025 Sep 19 (Fri)	03:48 73	10:17 89N	16:42 284
2025 Sep 20 (Sat)	04:40 79	11:02 86S	17:20 278
2025 Sep 21 (Sun)	05:29 85	11:44 80S	17:55 272
2025 Sep 22 (Mon)	06:16 91	12:25 74S	18:30 265
2025 Sep 23 (Tue)	07:03 98	13:05 68S	19:05 260
2025 Sep 24 (Wed)	07:50 103	13:47 62S	19:40 254
2025 Sep 25 (Thu)	08:38 109	14:30 57S	20:19 249
2025 Sep 26 (Fri)	09:28 113	15:15 53S	21:00 245
2025 Sep 27 (Sat)	10:19 117	16:03 50S	21:45 242
2025 Sep 28 (Sun)	11:12 119	16:53 48S	22:34 241
2025 Sep 29 (Mon)	12:05 120	17:46 48S	23:27 241
2025 Sep 30 (Tue)	12:57 119	18:39 49S	
2025 Oct 01 (Wed)	13:47 117	19:31 51S	00:21 242
2025 Oct 02 (Thu)	14:35 113	20:23 55S	01:17 245
2025 Oct 03 (Fri)	15:19 108	21:13 60S	02:14 249
2025 Oct 04 (Sat)	16:02 102	22:01 67S	03:09 255
2025 Oct 05 (Sun)	16:43 95	22:50 74S	04:05 262
2025 Oct 06 (Mon)	17:25 87	23:39 81S	05:00 269
2025 Oct 07 (Tue)	18:08 80		05:58 276
2025 Oct 08 (Wed)	18:55 73	00:31 88S	06:57 284
2025 Oct 09 (Thu)	19:46 67	01:25 86N	08:00 290
2025 Oct 10 (Fri)	20:42 63	02:24 81N	09:05 295
2025 Oct 11 (Sat)	21:43 61	03:26 77N	10:12 298
2025 Oct 12 (Sun)	22:46 61	04:30 76N	11:18 299
2025 Oct 13 (Mon)	23:49 63	05:33 76N	12:18 298
2025 Oct 14 (Tue)		06:32 79N	13:12 295
2025 Oct 15 (Wed)	00:49 67	07:26 83N	14:00 291
2025 Oct 16 (Thu)	01:45 71	08:15 88N	14:42 286
2025 Oct 17 (Fri)	02:37 77	09:00 88S	15:21 280
2025 Oct 18 (Sat)	03:26 83	09:43 82S	15:56 274
2025 Oct 19 (Sun)	04:13 89	10:23 76S	16:31 268
2025 Oct 20 (Mon)	04:59 96	11:04 70S	17:05 262
2025 Oct 21 (Tue)	05:46 101	11:44 64S	17:40 256
2025 Oct 22 (Wed)	06:33 107	12:27 59S	18:17 251
2025 Oct 23 (Thu)	07:22 112	13:11 54S	18:58 247
2025 Oct 24 (Fri)	08:13 115	13:58 51S	19:41 243
2025 Oct 25 (Sat)	09:06 118	14:48 49S	20:29 241
2025 Oct 26 (Sun)	09:58 119	15:39 48S	21:20 241
2025 Oct 27 (Mon)	10:50 119	16:31 48S	22:13 241
2025 Oct 28 (Tue)	11:40 117	17:23 50S	23:07 244
2025 Oct 29 (Wed)	12:27 114	18:14 54S	
2025 Oct 30 (Thu)	13:12 110	19:02 58S	00:02 248
2025 Oct 31 (Fri)	13:53 105	19:50 64S	00:56 252
2025 Nov 01 (Sat)	14:34 98	20:37 70S	01:50 258

2025 Nov 02 (Sun)	15:14	91	21:25	77S	02:44	265
2025 Nov 03 (Mon)	15:56	84	22:14	85S	03:39	273
2025 Nov 04 (Tue)	16:41	77	23:07	90N	04:36	280
2025 Nov 05 (Wed)	17:30	70			05:38	287
2025 Nov 06 (Thu)	18:25	65	00:05	84N	06:43	293
2025 Nov 07 (Fri)	19:26	62	01:07	79N	07:52	297
2025 Nov 08 (Sat)	20:31	61	02:13	76N	09:01	299
2025 Nov 09 (Sun)	21:37	62	03:19	76N	10:06	299
2025 Nov 10 (Mon)	22:40	65	04:22	78N	11:05	296
2025 Nov 11 (Tue)	23:39	70	05:20	81N	11:56	292
2025 Nov 12 (Wed)			06:12	86N	12:41	287
2025 Nov 13 (Thu)	00:33	75	06:59	90S	13:21	282
2025 Nov 14 (Fri)	01:23	81	07:42	84S	13:58	276
2025 Nov 15 (Sat)	02:11	88	08:23	78S	14:32	269
2025 Nov 16 (Sun)	02:57	94	09:03	71S	15:06	263
2025 Nov 17 (Mon)	03:43	100	09:44	66S	15:41	258
2025 Nov 18 (Tue)	04:30	105	10:25	60S	16:17	252
2025 Nov 19 (Wed)	05:19	110	11:09	56S	16:57	248
2025 Nov 20 (Thu)	06:09	114	11:55	52S	17:39	244
2025 Nov 21 (Fri)	07:01	117	12:44	49S	18:26	242
2025 Nov 22 (Sat)	07:54	119	13:35	48S	19:16	241
2025 Nov 23 (Sun)	08:46	119	14:27	48S	20:08	241
2025 Nov 24 (Mon)	09:36	118	15:19	50S	21:02	243
2025 Nov 25 (Tue)	10:24	115	16:09	52S	21:56	246
2025 Nov 26 (Wed)	11:08	111	16:57	57S	22:49	251
2025 Nov 27 (Thu)	11:50	106	17:44	62S	23:41	256
2025 Nov 28 (Fri)	12:29	101	18:29	68S		
2025 Nov 29 (Sat)	13:08	94	19:15	74S	00:33	263
2025 Nov 30 (Sun)	13:47	87	20:01	81S	01:25	269
2025 Dec 01 (Mon)	14:29	80	20:51	88S	02:19	276
2025 Dec 02 (Tue)	15:14	73	21:45	87N	03:17	283
2025 Dec 03 (Wed)	16:06	68	22:44	81N	04:19	290
2025 Dec 04 (Thu)	17:04	63	23:48	78N	05:25	295
2025 Dec 05 (Fri)	18:08	61			06:35	298
2025 Dec 06 (Sat)	19:15	61	00:56	76N	07:44	299
2025 Dec 07 (Sun)	20:23	64	02:03	77N	08:48	298
2025 Dec 08 (Mon)	21:26	68	03:05	80N	09:45	294
2025 Dec 09 (Tue)	22:24	73	04:02	84N	10:34	289
2025 Dec 10 (Wed)	23:17	79	04:52	90N	11:18	284
2025 Dec 11 (Thu)			05:38	86S	11:56	277
2025 Dec 12 (Fri)	00:07	86	06:21	79S	12:32	271
2025 Dec 13 (Sat)	00:54	92	07:02	73S	13:07	265
2025 Dec 14 (Sun)	01:40	98	07:42	67S	13:41	259
2025 Dec 15 (Mon)	02:27	104	08:23	62S	14:17	254
2025 Dec 16 (Tue)	03:15	109	09:06	57S	14:56	249
2025 Dec 17 (Wed)	04:05	113	09:52	53S	15:37	245
2025 Dec 18 (Thu)	04:56	116	10:40	50S	16:22	242
2025 Dec 19 (Fri)	05:49	118	11:30	48S	17:11	241
2025 Dec 20 (Sat)	06:42	119	12:23	48S	18:04	241
2025 Dec 21 (Sun)	07:33	118	13:15	49S	18:58	242
2025 Dec 22 (Mon)	08:22	116	14:06	52S	19:52	245
2025 Dec 23 (Tue)	09:07	113	14:55	55S	20:45	250
2025 Dec 24 (Wed)	09:49	108	15:42	60S	21:37	255
2025 Dec 25 (Thu)	10:29	102	16:27	66S	22:29	261
2025 Dec 26 (Fri)	11:07	96	17:11	72S	23:19	267
2025 Dec 27 (Sat)	11:45	89	17:56	79S		
2025 Dec 28 (Sun)	12:24	83	18:42	86S	00:11	274
2025 Dec 29 (Mon)	13:06	76	19:32	89N	01:05	281
2025 Dec 30 (Tue)	13:52	70	20:27	84N	02:02	287
2025 Dec 31 (Wed)	14:45	65	21:26	79N	03:04	293