

Sun

VTNI

Location: E 92°29'00.0", N18°36'00.0", 8530m
(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)	06:32	07:22 114		12:54 49S	18:25 246		19:16
2025 Jan 02 (Thu)	06:32	07:23 114		12:54 49S	18:25 246		19:16
2025 Jan 03 (Fri)	06:32	07:23 114		12:55 49S	18:26 246		19:17
2025 Jan 04 (Sat)	06:33	07:23 114		12:55 49S	18:27 246		19:17
2025 Jan 05 (Sun)	06:33	07:24 114		12:55 50S	18:27 246		19:18
2025 Jan 06 (Mon)	06:33	07:24 113		12:56 50S	18:28 247		19:19
2025 Jan 07 (Tue)	06:34	07:24 113		12:56 50S	18:29 247		19:19
2025 Jan 08 (Wed)	06:34	07:24 113		12:57 50S	18:29 247		19:20
2025 Jan 09 (Thu)	06:34	07:25 113		12:57 50S	18:30 247		19:20
2025 Jan 10 (Fri)	06:34	07:25 113		12:58 50S	18:30 247		19:21
2025 Jan 11 (Sat)	06:35	07:25 113		12:58 50S	18:31 247		19:22
2025 Jan 12 (Sun)	06:35	07:25 113		12:58 51S	18:32 247		19:22
2025 Jan 13 (Mon)	06:35	07:25 112		12:59 51S	18:32 248		19:23
2025 Jan 14 (Tue)	06:35	07:25 112		12:59 51S	18:33 248		19:23
2025 Jan 15 (Wed)	06:35	07:25 112		12:59 51S	18:34 248		19:24
2025 Jan 16 (Thu)	06:35	07:25 112		13:00 51S	18:34 248		19:24
2025 Jan 17 (Fri)	06:35	07:26 112		13:00 51S	18:35 248		19:25
2025 Jan 18 (Sat)	06:36	07:26 111		13:00 52S	18:36 249		19:26
2025 Jan 19 (Sun)	06:36	07:26 111		13:01 52S	18:36 249		19:26
2025 Jan 20 (Mon)	06:36	07:26 111		13:01 52S	18:37 249		19:27
2025 Jan 21 (Tue)	06:36	07:25 111		13:01 52S	18:37 249		19:27
2025 Jan 22 (Wed)	06:36	07:25 110		13:02 53S	18:38 250		19:28
2025 Jan 23 (Thu)	06:36	07:25 110		13:02 53S	18:39 250		19:28
2025 Jan 24 (Fri)	06:36	07:25 110		13:02 53S	18:39 250		19:29
2025 Jan 25 (Sat)	06:36	07:25 110		13:02 53S	18:40 250		19:29
2025 Jan 26 (Sun)	06:36	07:25 109		13:03 53S	18:40 251		19:30
2025 Jan 27 (Mon)	06:35	07:25 109		13:03 54S	18:41 251		19:30
2025 Jan 28 (Tue)	06:35	07:25 109		13:03 54S	18:42 251		19:31
2025 Jan 29 (Wed)	06:35	07:24 109		13:03 54S	18:42 251		19:31
2025 Jan 30 (Thu)	06:35	07:24 108		13:03 55S	18:43 252		19:32
2025 Jan 31 (Fri)	06:35	07:24 108		13:03 55S	18:43 252		19:32
2025 Feb 01 (Sat)	06:35	07:24 108		13:04 55S	18:44 252		19:33
2025 Feb 02 (Sun)	06:34	07:23 107		13:04 55S	18:44 253		19:33
2025 Feb 03 (Mon)	06:34	07:23 107		13:04 56S	18:45 253		19:34
2025 Feb 04 (Tue)	06:34	07:23 107		13:04 56S	18:45 253		19:34
2025 Feb 05 (Wed)	06:34	07:22 107		13:04 56S	18:46 254		19:35
2025 Feb 06 (Thu)	06:33	07:22 106		13:04 57S	18:46 254		19:35
2025 Feb 07 (Fri)	06:33	07:22 106		13:04 57S	18:47 254		19:35
2025 Feb 08 (Sat)	06:33	07:21 106		13:04 57S	18:47 255		19:36
2025 Feb 09 (Sun)	06:32	07:21 105		13:04 58S	18:48 255		19:36
2025 Feb 10 (Mon)	06:32	07:20 105		13:04 58S	18:48 255		19:37
2025 Feb 11 (Tue)	06:32	07:20 105		13:04 58S	18:49 256		19:37
2025 Feb 12 (Wed)	06:31	07:19 104		13:04 59S	18:49 256		19:38
2025 Feb 13 (Thu)	06:31	07:19 104		13:04 59S	18:50 256		19:38
2025 Feb 14 (Fri)	06:30	07:18 103		13:04 59S	18:50 257		19:38
2025 Feb 15 (Sat)	06:30	07:18 103		13:04 60S	18:51 257		19:39
2025 Feb 16 (Sun)	06:29	07:17 103		13:04 60S	18:51 257		19:39
2025 Feb 17 (Mon)	06:29	07:17 102		13:04 60S	18:52 258		19:39
2025 Feb 18 (Tue)	06:28	07:16 102		13:04 61S	18:52 258		19:40
2025 Feb 19 (Wed)	06:28	07:16 102		13:04 61S	18:52 259		19:40
2025 Feb 20 (Thu)	06:27	07:15 101		13:04 61S	18:53 259		19:40
2025 Feb 21 (Fri)	06:27	07:14 101		13:04 62S	18:53 259		19:41
2025 Feb 22 (Sat)	06:26	07:14 100		13:04 62S	18:53 260		19:41
2025 Feb 23 (Sun)	06:26	07:13 100		13:03 62S	18:54 260		19:41
2025 Feb 24 (Mon)	06:25	07:13 100		13:03 63S	18:54 261		19:42

2025	Feb	25	(Tue)	06:24	07:12	99	13:03	63S	18:55	261	19:42
2025	Feb	26	(Wed)	06:24	07:11	99	13:03	64S	18:55	261	19:42
2025	Feb	27	(Thu)	06:23	07:10	99	13:03	64S	18:55	262	19:43
2025	Feb	28	(Fri)	06:22	07:10	98	13:03	64S	18:56	262	19:43
2025	Mar	01	(Sat)	06:22	07:09	98	13:02	65S	18:56	262	19:43
2025	Mar	02	(Sun)	06:21	07:08	97	13:02	65S	18:56	263	19:44
2025	Mar	03	(Mon)	06:20	07:08	97	13:02	65S	18:57	263	19:44
2025	Mar	04	(Tue)	06:20	07:07	96	13:02	66S	18:57	264	19:44
2025	Mar	05	(Wed)	06:19	07:06	96	13:02	66S	18:57	264	19:44
2025	Mar	06	(Thu)	06:18	07:05	96	13:01	67S	18:57	265	19:45
2025	Mar	07	(Fri)	06:18	07:05	95	13:01	67S	18:58	265	19:45
2025	Mar	08	(Sat)	06:17	07:04	95	13:01	67S	18:58	265	19:45
2025	Mar	09	(Sun)	06:16	07:03	94	13:01	68S	18:58	266	19:45
2025	Mar	10	(Mon)	06:15	07:02	94	13:00	68S	18:59	266	19:46
2025	Mar	11	(Tue)	06:14	07:02	94	13:00	69S	18:59	267	19:46
2025	Mar	12	(Wed)	06:14	07:01	93	13:00	69S	18:59	267	19:46
2025	Mar	13	(Thu)	06:13	07:00	93	13:00	69S	18:59	267	19:46
2025	Mar	14	(Fri)	06:12	06:59	92	12:59	70S	19:00	268	19:47
2025	Mar	15	(Sat)	06:11	06:58	92	12:59	70S	19:00	268	19:47
2025	Mar	16	(Sun)	06:10	06:58	92	12:59	70S	19:00	269	19:47
2025	Mar	17	(Mon)	06:10	06:57	91	12:58	71S	19:00	269	19:47
2025	Mar	18	(Tue)	06:09	06:56	91	12:58	71S	19:01	269	19:48
2025	Mar	19	(Wed)	06:08	06:55	90	12:58	72S	19:01	270	19:48
2025	Mar	20	(Thu)	06:07	06:54	90	12:58	72S	19:01	270	19:48
2025	Mar	21	(Fri)	06:06	06:53	89	12:57	72S	19:01	271	19:48
2025	Mar	22	(Sat)	06:05	06:53	89	12:57	73S	19:02	271	19:49
2025	Mar	23	(Sun)	06:05	06:52	89	12:57	73S	19:02	272	19:49
2025	Mar	24	(Mon)	06:04	06:51	88	12:56	74S	19:02	272	19:49
2025	Mar	25	(Tue)	06:03	06:50	88	12:56	74S	19:02	272	19:49
2025	Mar	26	(Wed)	06:02	06:49	87	12:56	74S	19:02	273	19:50
2025	Mar	27	(Thu)	06:01	06:48	87	12:55	75S	19:03	273	19:50
2025	Mar	28	(Fri)	06:00	06:48	87	12:55	75S	19:03	274	19:50
2025	Mar	29	(Sat)	05:59	06:47	86	12:55	76S	19:03	274	19:50
2025	Mar	30	(Sun)	05:59	06:46	86	12:55	76S	19:03	274	19:51
2025	Mar	31	(Mon)	05:58	06:45	85	12:54	76S	19:04	275	19:51
2025	Apr	01	(Tue)	05:57	06:44	85	12:54	77S	19:04	275	19:51
2025	Apr	02	(Wed)	05:56	06:43	85	12:54	77S	19:04	276	19:52
2025	Apr	03	(Thu)	05:55	06:43	84	12:53	78S	19:04	276	19:52
2025	Apr	04	(Fri)	05:54	06:42	84	12:53	78S	19:04	277	19:52
2025	Apr	05	(Sat)	05:53	06:41	83	12:53	78S	19:05	277	19:52
2025	Apr	06	(Sun)	05:53	06:40	83	12:52	79S	19:05	277	19:53
2025	Apr	07	(Mon)	05:52	06:39	82	12:52	79S	19:05	278	19:53
2025	Apr	08	(Tue)	05:51	06:39	82	12:52	79S	19:05	278	19:53
2025	Apr	09	(Wed)	05:50	06:38	82	12:52	80S	19:06	278	19:54
2025	Apr	10	(Thu)	05:49	06:37	81	12:51	80S	19:06	279	19:54
2025	Apr	11	(Fri)	05:48	06:36	81	12:51	81S	19:06	279	19:54
2025	Apr	12	(Sat)	05:47	06:36	81	12:51	81S	19:06	280	19:55
2025	Apr	13	(Sun)	05:47	06:35	80	12:51	81S	19:07	280	19:55
2025	Apr	14	(Mon)	05:46	06:34	80	12:50	82S	19:07	280	19:55
2025	Apr	15	(Tue)	05:45	06:33	79	12:50	82S	19:07	281	19:56
2025	Apr	16	(Wed)	05:44	06:33	79	12:50	82S	19:07	281	19:56
2025	Apr	17	(Thu)	05:43	06:32	79	12:50	83S	19:08	282	19:56
2025	Apr	18	(Fri)	05:43	06:31	78	12:49	83S	19:08	282	19:57
2025	Apr	19	(Sat)	05:42	06:30	78	12:49	83S	19:08	282	19:57
2025	Apr	20	(Sun)	05:41	06:30	78	12:49	84S	19:09	283	19:57
2025	Apr	21	(Mon)	05:40	06:29	77	12:49	84S	19:09	283	19:58
2025	Apr	22	(Tue)	05:39	06:28	77	12:49	84S	19:09	283	19:58
2025	Apr	23	(Wed)	05:39	06:28	76	12:48	85S	19:09	284	19:58
2025	Apr	24	(Thu)	05:38	06:27	76	12:48	85S	19:10	284	19:59
2025	Apr	25	(Fri)	05:37	06:26	76	12:48	85S	19:10	284	19:59
2025	Apr	26	(Sat)	05:37	06:26	75	12:48	86S	19:10	285	20:00
2025	Apr	27	(Sun)	05:36	06:25	75	12:48	86S	19:11	285	20:00
2025	Apr	28	(Mon)	05:35	06:24	75	12:48	86S	19:11	285	20:00
2025	Apr	29	(Tue)	05:34	06:24	74	12:47	87S	19:11	286	20:01
2025	Apr	30	(Wed)	05:34	06:23	74	12:47	87S	19:12	286	20:01
2025	May	01	(Thu)	05:33	06:23	74	12:47	87S	19:12	286	20:02
2025	May	02	(Fri)	05:32	06:22	73	12:47	88S	19:12	287	20:02

2025	May	03	(Sat)	05:32	06:22	73	12:47	88S	19:13	287	20:02
2025	May	04	(Sun)	05:31	06:21	73	12:47	88S	19:13	287	20:03
2025	May	05	(Mon)	05:31	06:21	73	12:47	88S	19:13	288	20:03
2025	May	06	(Tue)	05:30	06:20	72	12:47	89S	19:14	288	20:04
2025	May	07	(Wed)	05:29	06:20	72	12:47	89S	19:14	288	20:04
2025	May	08	(Thu)	05:29	06:19	72	12:47	89S	19:14	289	20:05
2025	May	09	(Fri)	05:28	06:19	71	12:47	90S	19:15	289	20:05
2025	May	10	(Sat)	05:28	06:18	71	12:46	90S	19:15	289	20:06
2025	May	11	(Sun)	05:27	06:18	71	12:46	90S	19:15	289	20:06
2025	May	12	(Mon)	05:27	06:17	71	12:46	90S	19:16	290	20:06
2025	May	13	(Tue)	05:26	06:17	70	12:46	91S	19:16	290	20:07
2025	May	14	(Wed)	05:26	06:17	70	12:46	91N	19:16	290	20:07
2025	May	15	(Thu)	05:25	06:16	70	12:46	90N	19:17	290	20:08
2025	May	16	(Fri)	05:25	06:16	69	12:46	90N	19:17	291	20:08
2025	May	17	(Sat)	05:24	06:16	69	12:46	90N	19:18	291	20:09
2025	May	18	(Sun)	05:24	06:15	69	12:46	90N	19:18	291	20:09
2025	May	19	(Mon)	05:24	06:15	69	12:47	89N	19:18	291	20:10
2025	May	20	(Tue)	05:23	06:15	69	12:47	89N	19:19	292	20:10
2025	May	21	(Wed)	05:23	06:14	68	12:47	89N	19:19	292	20:11
2025	May	22	(Thu)	05:23	06:14	68	12:47	89N	19:19	292	20:11
2025	May	23	(Fri)	05:22	06:14	68	12:47	89N	19:20	292	20:12
2025	May	24	(Sat)	05:22	06:14	68	12:47	88N	19:20	292	20:12
2025	May	25	(Sun)	05:22	06:14	68	12:47	88N	19:21	293	20:13
2025	May	26	(Mon)	05:21	06:13	67	12:47	88N	19:21	293	20:13
2025	May	27	(Tue)	05:21	06:13	67	12:47	88N	19:21	293	20:13
2025	May	28	(Wed)	05:21	06:13	67	12:47	88N	19:22	293	20:14
2025	May	29	(Thu)	05:21	06:13	67	12:47	88N	19:22	293	20:14
2025	May	30	(Fri)	05:21	06:13	67	12:48	88N	19:23	293	20:15
2025	May	31	(Sat)	05:20	06:13	66	12:48	87N	19:23	294	20:15
2025	Jun	01	(Sun)	05:20	06:13	66	12:48	87N	19:23	294	20:16
2025	Jun	02	(Mon)	05:20	06:13	66	12:48	87N	19:24	294	20:16
2025	Jun	03	(Tue)	05:20	06:13	66	12:48	87N	19:24	294	20:17
2025	Jun	04	(Wed)	05:20	06:13	66	12:48	87N	19:24	294	20:17
2025	Jun	05	(Thu)	05:20	06:13	66	12:49	87N	19:25	294	20:17
2025	Jun	06	(Fri)	05:20	06:13	66	12:49	87N	19:25	294	20:18
2025	Jun	07	(Sat)	05:20	06:13	66	12:49	87N	19:25	294	20:18
2025	Jun	08	(Sun)	05:20	06:13	66	12:49	86N	19:26	295	20:19
2025	Jun	09	(Mon)	05:20	06:13	65	12:49	86N	19:26	295	20:19
2025	Jun	10	(Tue)	05:20	06:13	65	12:50	86N	19:26	295	20:19
2025	Jun	11	(Wed)	05:20	06:13	65	12:50	86N	19:27	295	20:20
2025	Jun	12	(Thu)	05:20	06:13	65	12:50	86N	19:27	295	20:20
2025	Jun	13	(Fri)	05:20	06:13	65	12:50	86N	19:27	295	20:20
2025	Jun	14	(Sat)	05:20	06:13	65	12:50	86N	19:28	295	20:21
2025	Jun	15	(Sun)	05:20	06:13	65	12:51	86N	19:28	295	20:21
2025	Jun	16	(Mon)	05:20	06:13	65	12:51	86N	19:28	295	20:21
2025	Jun	17	(Tue)	05:20	06:14	65	12:51	86N	19:28	295	20:22
2025	Jun	18	(Wed)	05:21	06:14	65	12:51	86N	19:29	295	20:22
2025	Jun	19	(Thu)	05:21	06:14	65	12:51	86N	19:29	295	20:22
2025	Jun	20	(Fri)	05:21	06:14	65	12:52	86N	19:29	295	20:22
2025	Jun	21	(Sat)	05:21	06:14	65	12:52	86N	19:29	295	20:22
2025	Jun	22	(Sun)	05:21	06:15	65	12:52	86N	19:30	295	20:23
2025	Jun	23	(Mon)	05:22	06:15	65	12:52	86N	19:30	295	20:23
2025	Jun	24	(Tue)	05:22	06:15	65	12:53	86N	19:30	295	20:23
2025	Jun	25	(Wed)	05:22	06:15	65	12:53	86N	19:30	295	20:23
2025	Jun	26	(Thu)	05:22	06:16	65	12:53	86N	19:30	295	20:23
2025	Jun	27	(Fri)	05:23	06:16	65	12:53	86N	19:30	295	20:23
2025	Jun	28	(Sat)	05:23	06:16	65	12:53	86N	19:31	295	20:24
2025	Jun	29	(Sun)	05:23	06:16	65	12:54	86N	19:31	295	20:24
2025	Jun	30	(Mon)	05:24	06:17	65	12:54	86N	19:31	295	20:24
2025	Jul	01	(Tue)	05:24	06:17	65	12:54	86N	19:31	295	20:24
2025	Jul	02	(Wed)	05:24	06:17	65	12:54	86N	19:31	295	20:24
2025	Jul	03	(Thu)	05:25	06:18	65	12:54	86N	19:31	295	20:24
2025	Jul	04	(Fri)	05:25	06:18	65	12:55	86N	19:31	294	20:24
2025	Jul	05	(Sat)	05:26	06:18	66	12:55	87N	19:31	294	20:24
2025	Jul	06	(Sun)	05:26	06:19	66	12:55	87N	19:31	294	20:24
2025	Jul	07	(Mon)	05:26	06:19	66	12:55	87N	19:31	294	20:24
2025	Jul	08	(Tue)	05:27	06:19	66	12:55	87N	19:31	294	20:24

2025	Jul	09	(Wed)	05:27	06:20	66	12:55	87N	19:31	294	20:23
2025	Jul	10	(Thu)	05:27	06:20	66	12:55	87N	19:31	294	20:23
2025	Jul	11	(Fri)	05:28	06:20	66	12:56	87N	19:31	294	20:23
2025	Jul	12	(Sat)	05:28	06:21	66	12:56	87N	19:31	293	20:23
2025	Jul	13	(Sun)	05:29	06:21	67	12:56	88N	19:31	293	20:23
2025	Jul	14	(Mon)	05:29	06:21	67	12:56	88N	19:30	293	20:23
2025	Jul	15	(Tue)	05:30	06:22	67	12:56	88N	19:30	293	20:22
2025	Jul	16	(Wed)	05:30	06:22	67	12:56	88N	19:30	293	20:22
2025	Jul	17	(Thu)	05:30	06:22	67	12:56	88N	19:30	293	20:22
2025	Jul	18	(Fri)	05:31	06:23	67	12:56	88N	19:30	292	20:22
2025	Jul	19	(Sat)	05:31	06:23	68	12:56	89N	19:30	292	20:21
2025	Jul	20	(Sun)	05:32	06:24	68	12:56	89N	19:29	292	20:21
2025	Jul	21	(Mon)	05:32	06:24	68	12:57	89N	19:29	292	20:21
2025	Jul	22	(Tue)	05:33	06:24	68	12:57	89N	19:29	292	20:20
2025	Jul	23	(Wed)	05:33	06:25	68	12:57	89N	19:28	291	20:20
2025	Jul	24	(Thu)	05:33	06:25	69	12:57	90N	19:28	291	20:19
2025	Jul	25	(Fri)	05:34	06:25	69	12:57	90N	19:28	291	20:19
2025	Jul	26	(Sat)	05:34	06:26	69	12:57	90N	19:27	291	20:19
2025	Jul	27	(Sun)	05:35	06:26	69	12:57	90N	19:27	290	20:18
2025	Jul	28	(Mon)	05:35	06:26	70	12:57	90N	19:27	290	20:18
2025	Jul	29	(Tue)	05:36	06:27	70	12:57	91N	19:26	290	20:17
2025	Jul	30	(Wed)	05:36	06:27	70	12:57	91S	19:26	290	20:17
2025	Jul	31	(Thu)	05:37	06:27	70	12:57	90S	19:26	289	20:16
2025	Aug	01	(Fri)	05:37	06:28	71	12:56	90S	19:25	289	20:16
2025	Aug	02	(Sat)	05:37	06:28	71	12:56	90S	19:25	289	20:15
2025	Aug	03	(Sun)	05:38	06:28	71	12:56	90S	19:24	289	20:15
2025	Aug	04	(Mon)	05:38	06:29	71	12:56	89S	19:24	288	20:14
2025	Aug	05	(Tue)	05:39	06:29	72	12:56	89S	19:23	288	20:13
2025	Aug	06	(Wed)	05:39	06:29	72	12:56	89S	19:23	288	20:13
2025	Aug	07	(Thu)	05:39	06:29	72	12:56	88S	19:22	287	20:12
2025	Aug	08	(Fri)	05:40	06:30	73	12:56	88S	19:22	287	20:11
2025	Aug	09	(Sat)	05:40	06:30	73	12:56	88S	19:21	287	20:11
2025	Aug	10	(Sun)	05:41	06:30	73	12:55	88S	19:20	287	20:10
2025	Aug	11	(Mon)	05:41	06:31	74	12:55	87S	19:20	286	20:09
2025	Aug	12	(Tue)	05:41	06:31	74	12:55	87S	19:19	286	20:09
2025	Aug	13	(Wed)	05:42	06:31	74	12:55	87S	19:19	286	20:08
2025	Aug	14	(Thu)	05:42	06:31	75	12:55	86S	19:18	285	20:07
2025	Aug	15	(Fri)	05:42	06:32	75	12:55	86S	19:17	285	20:06
2025	Aug	16	(Sat)	05:43	06:32	75	12:54	86S	19:17	285	20:06
2025	Aug	17	(Sun)	05:43	06:32	76	12:54	85S	19:16	284	20:05
2025	Aug	18	(Mon)	05:43	06:32	76	12:54	85S	19:15	284	20:04
2025	Aug	19	(Tue)	05:44	06:33	76	12:54	85S	19:15	284	20:03
2025	Aug	20	(Wed)	05:44	06:33	77	12:53	84S	19:14	283	20:03
2025	Aug	21	(Thu)	05:44	06:33	77	12:53	84S	19:13	283	20:02
2025	Aug	22	(Fri)	05:45	06:33	77	12:53	84S	19:12	283	20:01
2025	Aug	23	(Sat)	05:45	06:34	78	12:53	83S	19:12	282	20:00
2025	Aug	24	(Sun)	05:45	06:34	78	12:52	83S	19:11	282	19:59
2025	Aug	25	(Mon)	05:46	06:34	78	12:52	83S	19:10	281	19:59
2025	Aug	26	(Tue)	05:46	06:34	79	12:52	82S	19:09	281	19:58
2025	Aug	27	(Wed)	05:46	06:34	79	12:52	82S	19:09	281	19:57
2025	Aug	28	(Thu)	05:46	06:35	79	12:51	82S	19:08	280	19:56
2025	Aug	29	(Fri)	05:47	06:35	80	12:51	81S	19:07	280	19:55
2025	Aug	30	(Sat)	05:47	06:35	80	12:51	81S	19:06	280	19:54
2025	Aug	31	(Sun)	05:47	06:35	81	12:50	81S	19:05	279	19:53
2025	Sep	01	(Mon)	05:47	06:35	81	12:50	80S	19:05	279	19:52
2025	Sep	02	(Tue)	05:48	06:36	81	12:50	80S	19:04	278	19:52
2025	Sep	03	(Wed)	05:48	06:36	82	12:49	80S	19:03	278	19:51
2025	Sep	04	(Thu)	05:48	06:36	82	12:49	79S	19:02	278	19:50
2025	Sep	05	(Fri)	05:48	06:36	83	12:49	79S	19:01	277	19:49
2025	Sep	06	(Sat)	05:49	06:36	83	12:48	78S	19:00	277	19:48
2025	Sep	07	(Sun)	05:49	06:36	83	12:48	78S	18:59	276	19:47
2025	Sep	08	(Mon)	05:49	06:37	84	12:48	78S	18:59	276	19:46
2025	Sep	09	(Tue)	05:49	06:37	84	12:47	77S	18:58	276	19:45
2025	Sep	10	(Wed)	05:49	06:37	85	12:47	77S	18:57	275	19:44
2025	Sep	11	(Thu)	05:50	06:37	85	12:47	77S	18:56	275	19:43
2025	Sep	12	(Fri)	05:50	06:37	85	12:46	76S	18:55	274	19:43
2025	Sep	13	(Sat)	05:50	06:37	86	12:46	76S	18:54	274	19:42

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

2025 Nov 20 (Thu)	06:10	07:00	111	12:36	52S	18:12	249	19:01
2025 Nov 21 (Fri)	06:10	07:00	111	12:36	52S	18:12	249	19:01
2025 Nov 22 (Sat)	06:11	07:01	111	12:36	52S	18:12	249	19:01
2025 Nov 23 (Sun)	06:11	07:01	111	12:36	52S	18:12	249	19:01
2025 Nov 24 (Mon)	06:12	07:02	111	12:37	52S	18:11	248	19:02
2025 Nov 25 (Tue)	06:12	07:02	112	12:37	51S	18:12	248	19:02
2025 Nov 26 (Wed)	06:13	07:03	112	12:37	51S	18:12	248	19:02
2025 Nov 27 (Thu)	06:13	07:04	112	12:38	51S	18:12	248	19:02
2025 Nov 28 (Fri)	06:14	07:04	112	12:38	51S	18:12	248	19:02
2025 Nov 29 (Sat)	06:15	07:05	112	12:38	51S	18:12	247	19:02
2025 Nov 30 (Sun)	06:15	07:05	113	12:39	50S	18:12	247	19:02
2025 Dec 01 (Mon)	06:16	07:06	113	12:39	50S	18:12	247	19:02
2025 Dec 02 (Tue)	06:16	07:07	113	12:39	50S	18:12	247	19:03
2025 Dec 03 (Wed)	06:17	07:07	113	12:40	50S	18:12	247	19:03
2025 Dec 04 (Thu)	06:17	07:08	113	12:40	50S	18:12	247	19:03
2025 Dec 05 (Fri)	06:18	07:09	113	12:41	50S	18:13	247	19:03
2025 Dec 06 (Sat)	06:18	07:09	113	12:41	50S	18:13	246	19:04
2025 Dec 07 (Sun)	06:19	07:10	114	12:42	49S	18:13	246	19:04
2025 Dec 08 (Mon)	06:20	07:10	114	12:42	49S	18:13	246	19:04
2025 Dec 09 (Tue)	06:20	07:11	114	12:42	49S	18:14	246	19:05
2025 Dec 10 (Wed)	06:21	07:12	114	12:43	49S	18:14	246	19:05
2025 Dec 11 (Thu)	06:21	07:12	114	12:43	49S	18:14	246	19:05
2025 Dec 12 (Fri)	06:22	07:13	114	12:44	49S	18:15	246	19:06
2025 Dec 13 (Sat)	06:22	07:13	114	12:44	49S	18:15	246	19:06
2025 Dec 14 (Sun)	06:23	07:14	114	12:45	49S	18:15	246	19:06
2025 Dec 15 (Mon)	06:23	07:14	114	12:45	49S	18:16	246	19:07
2025 Dec 16 (Tue)	06:24	07:15	114	12:46	49S	18:16	246	19:07
2025 Dec 17 (Wed)	06:25	07:16	114	12:46	49S	18:17	246	19:08
2025 Dec 18 (Thu)	06:25	07:16	114	12:47	49S	18:17	246	19:08
2025 Dec 19 (Fri)	06:26	07:17	114	12:47	49S	18:18	246	19:09
2025 Dec 20 (Sat)	06:26	07:17	114	12:48	49S	18:18	245	19:09
2025 Dec 21 (Sun)	06:27	07:18	115	12:48	49S	18:19	245	19:10
2025 Dec 22 (Mon)	06:27	07:18	115	12:49	49S	18:19	245	19:10
2025 Dec 23 (Tue)	06:28	07:19	114	12:49	49S	18:20	246	19:11
2025 Dec 24 (Wed)	06:28	07:19	114	12:50	49S	18:20	246	19:11
2025 Dec 25 (Thu)	06:29	07:20	114	12:50	49S	18:21	246	19:12
2025 Dec 26 (Fri)	06:29	07:20	114	12:51	49S	18:21	246	19:12
2025 Dec 27 (Sat)	06:29	07:20	114	12:51	49S	18:22	246	19:13
2025 Dec 28 (Sun)	06:30	07:21	114	12:52	49S	18:22	246	19:13
2025 Dec 29 (Mon)	06:30	07:21	114	12:52	49S	18:23	246	19:14
2025 Dec 30 (Tue)	06:31	07:22	114	12:53	49S	18:24	246	19:14
2025 Dec 31 (Wed)	06:31	07:22	114	12:53	49S	18:24	246	19:15

Sun

VTNI

Location: E 92°29'00.0", N18°36'00.0", 8530m
(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)	06:59	07:22	114	12:54	49S	18:25	246	18:49
2025 Jan 02 (Thu)	06:59	07:23	114	12:54	49S	18:25	246	18:49
2025 Jan 03 (Fri)	06:59	07:23	114	12:55	49S	18:26	246	18:50
2025 Jan 04 (Sat)	07:00	07:23	114	12:55	49S	18:27	246	18:50
2025 Jan 05 (Sun)	07:00	07:24	114	12:55	50S	18:27	246	18:51
2025 Jan 06 (Mon)	07:00	07:24	113	12:56	50S	18:28	247	18:52
2025 Jan 07 (Tue)	07:01	07:24	113	12:56	50S	18:29	247	18:52
2025 Jan 08 (Wed)	07:01	07:24	113	12:57	50S	18:29	247	18:53
2025 Jan 09 (Thu)	07:01	07:25	113	12:57	50S	18:30	247	18:53
2025 Jan 10 (Fri)	07:01	07:25	113	12:58	50S	18:30	247	18:54
2025 Jan 11 (Sat)	07:02	07:25	113	12:58	50S	18:31	247	18:55
2025 Jan 12 (Sun)	07:02	07:25	113	12:58	51S	18:32	247	18:55

2025	Jan	13	(Mon)	07:02	07:25	112	12:59	51S	18:32	248	18:56
2025	Jan	14	(Tue)	07:02	07:25	112	12:59	51S	18:33	248	18:56
2025	Jan	15	(Wed)	07:02	07:25	112	12:59	51S	18:34	248	18:57
2025	Jan	16	(Thu)	07:02	07:25	112	13:00	51S	18:34	248	18:58
2025	Jan	17	(Fri)	07:02	07:26	112	13:00	51S	18:35	248	18:58
2025	Jan	18	(Sat)	07:02	07:26	111	13:00	52S	18:36	249	18:59
2025	Jan	19	(Sun)	07:02	07:26	111	13:01	52S	18:36	249	18:59
2025	Jan	20	(Mon)	07:02	07:26	111	13:01	52S	18:37	249	19:00
2025	Jan	21	(Tue)	07:02	07:25	111	13:01	52S	18:37	249	19:01
2025	Jan	22	(Wed)	07:02	07:25	110	13:02	53S	18:38	250	19:01
2025	Jan	23	(Thu)	07:02	07:25	110	13:02	53S	18:39	250	19:02
2025	Jan	24	(Fri)	07:02	07:25	110	13:02	53S	18:39	250	19:02
2025	Jan	25	(Sat)	07:02	07:25	110	13:02	53S	18:40	250	19:03
2025	Jan	26	(Sun)	07:02	07:25	109	13:03	53S	18:40	251	19:03
2025	Jan	27	(Mon)	07:02	07:25	109	13:03	54S	18:41	251	19:04
2025	Jan	28	(Tue)	07:02	07:25	109	13:03	54S	18:42	251	19:04
2025	Jan	29	(Wed)	07:02	07:24	109	13:03	54S	18:42	251	19:05
2025	Jan	30	(Thu)	07:01	07:24	108	13:03	55S	18:43	252	19:06
2025	Jan	31	(Fri)	07:01	07:24	108	13:03	55S	18:43	252	19:06
2025	Feb	01	(Sat)	07:01	07:24	108	13:04	55S	18:44	252	19:07
2025	Feb	02	(Sun)	07:01	07:23	107	13:04	55S	18:44	253	19:07
2025	Feb	03	(Mon)	07:00	07:23	107	13:04	56S	18:45	253	19:08
2025	Feb	04	(Tue)	07:00	07:23	107	13:04	56S	18:45	253	19:08
2025	Feb	05	(Wed)	07:00	07:22	107	13:04	56S	18:46	254	19:09
2025	Feb	06	(Thu)	06:59	07:22	106	13:04	57S	18:46	254	19:09
2025	Feb	07	(Fri)	06:59	07:22	106	13:04	57S	18:47	254	19:09
2025	Feb	08	(Sat)	06:59	07:21	106	13:04	57S	18:47	255	19:10
2025	Feb	09	(Sun)	06:58	07:21	105	13:04	58S	18:48	255	19:10
2025	Feb	10	(Mon)	06:58	07:20	105	13:04	58S	18:48	255	19:11
2025	Feb	11	(Tue)	06:57	07:20	105	13:04	58S	18:49	256	19:11
2025	Feb	12	(Wed)	06:57	07:19	104	13:04	59S	18:49	256	19:12
2025	Feb	13	(Thu)	06:57	07:19	104	13:04	59S	18:50	256	19:12
2025	Feb	14	(Fri)	06:56	07:18	103	13:04	59S	18:50	257	19:13
2025	Feb	15	(Sat)	06:56	07:18	103	13:04	60S	18:51	257	19:13
2025	Feb	16	(Sun)	06:55	07:17	103	13:04	60S	18:51	257	19:13
2025	Feb	17	(Mon)	06:55	07:17	102	13:04	60S	18:52	258	19:14
2025	Feb	18	(Tue)	06:54	07:16	102	13:04	61S	18:52	258	19:14
2025	Feb	19	(Wed)	06:53	07:16	102	13:04	61S	18:52	259	19:14
2025	Feb	20	(Thu)	06:53	07:15	101	13:04	61S	18:53	259	19:15
2025	Feb	21	(Fri)	06:52	07:14	101	13:04	62S	18:53	259	19:15
2025	Feb	22	(Sat)	06:52	07:14	100	13:04	62S	18:53	260	19:16
2025	Feb	23	(Sun)	06:51	07:13	100	13:03	62S	18:54	260	19:16
2025	Feb	24	(Mon)	06:50	07:13	100	13:03	63S	18:54	261	19:16
2025	Feb	25	(Tue)	06:50	07:12	99	13:03	63S	18:55	261	19:17
2025	Feb	26	(Wed)	06:49	07:11	99	13:03	64S	18:55	261	19:17
2025	Feb	27	(Thu)	06:49	07:10	99	13:03	64S	18:55	262	19:17
2025	Feb	28	(Fri)	06:48	07:10	98	13:03	64S	18:56	262	19:18
2025	Mar	01	(Sat)	06:47	07:09	98	13:02	65S	18:56	262	19:18
2025	Mar	02	(Sun)	06:46	07:08	97	13:02	65S	18:56	263	19:18
2025	Mar	03	(Mon)	06:46	07:08	97	13:02	65S	18:57	263	19:18
2025	Mar	04	(Tue)	06:45	07:07	96	13:02	66S	18:57	264	19:19
2025	Mar	05	(Wed)	06:44	07:06	96	13:02	66S	18:57	264	19:19
2025	Mar	06	(Thu)	06:44	07:05	96	13:01	67S	18:57	265	19:19
2025	Mar	07	(Fri)	06:43	07:05	95	13:01	67S	18:58	265	19:20
2025	Mar	08	(Sat)	06:42	07:04	95	13:01	67S	18:58	265	19:20
2025	Mar	09	(Sun)	06:41	07:03	94	13:01	68S	18:58	266	19:20
2025	Mar	10	(Mon)	06:41	07:02	94	13:00	68S	18:59	266	19:20
2025	Mar	11	(Tue)	06:40	07:02	94	13:00	69S	18:59	267	19:21
2025	Mar	12	(Wed)	06:39	07:01	93	13:00	69S	18:59	267	19:21
2025	Mar	13	(Thu)	06:38	07:00	93	13:00	69S	18:59	267	19:21
2025	Mar	14	(Fri)	06:37	06:59	92	12:59	70S	19:00	268	19:21
2025	Mar	15	(Sat)	06:37	06:58	92	12:59	70S	19:00	268	19:22
2025	Mar	16	(Sun)	06:36	06:58	92	12:59	70S	19:00	269	19:22
2025	Mar	17	(Mon)	06:35	06:57	91	12:58	71S	19:00	269	19:22
2025	Mar	18	(Tue)	06:34	06:56	91	12:58	71S	19:01	269	19:22
2025	Mar	19	(Wed)	06:33	06:55	90	12:58	72S	19:01	270	19:23
2025	Mar	20	(Thu)	06:32	06:54	90	12:58	72S	19:01	270	19:23

2025 Mar 21 (Fri)	06:32	06:53	89	12:57	72S	19:01	271	19:23
2025 Mar 22 (Sat)	06:31	06:53	89	12:57	73S	19:02	271	19:23
2025 Mar 23 (Sun)	06:30	06:52	89	12:57	73S	19:02	272	19:24
2025 Mar 24 (Mon)	06:29	06:51	88	12:56	74S	19:02	272	19:24
2025 Mar 25 (Tue)	06:28	06:50	88	12:56	74S	19:02	272	19:24
2025 Mar 26 (Wed)	06:27	06:49	87	12:56	74S	19:02	273	19:24
2025 Mar 27 (Thu)	06:27	06:48	87	12:55	75S	19:03	273	19:24
2025 Mar 28 (Fri)	06:26	06:48	87	12:55	75S	19:03	274	19:25
2025 Mar 29 (Sat)	06:25	06:47	86	12:55	76S	19:03	274	19:25
2025 Mar 30 (Sun)	06:24	06:46	86	12:55	76S	19:03	274	19:25
2025 Mar 31 (Mon)	06:23	06:45	85	12:54	76S	19:04	275	19:25
2025 Apr 01 (Tue)	06:22	06:44	85	12:54	77S	19:04	275	19:26
2025 Apr 02 (Wed)	06:22	06:43	85	12:54	77S	19:04	276	19:26
2025 Apr 03 (Thu)	06:21	06:43	84	12:53	78S	19:04	276	19:26
2025 Apr 04 (Fri)	06:20	06:42	84	12:53	78S	19:04	277	19:26
2025 Apr 05 (Sat)	06:19	06:41	83	12:53	78S	19:05	277	19:27
2025 Apr 06 (Sun)	06:18	06:40	83	12:52	79S	19:05	277	19:27
2025 Apr 07 (Mon)	06:17	06:39	82	12:52	79S	19:05	278	19:27
2025 Apr 08 (Tue)	06:17	06:39	82	12:52	79S	19:05	278	19:27
2025 Apr 09 (Wed)	06:16	06:38	82	12:52	80S	19:06	278	19:28
2025 Apr 10 (Thu)	06:15	06:37	81	12:51	80S	19:06	279	19:28
2025 Apr 11 (Fri)	06:14	06:36	81	12:51	81S	19:06	279	19:28
2025 Apr 12 (Sat)	06:13	06:36	81	12:51	81S	19:06	280	19:29
2025 Apr 13 (Sun)	06:13	06:35	80	12:51	81S	19:07	280	19:29
2025 Apr 14 (Mon)	06:12	06:34	80	12:50	82S	19:07	280	19:29
2025 Apr 15 (Tue)	06:11	06:33	79	12:50	82S	19:07	281	19:29
2025 Apr 16 (Wed)	06:10	06:33	79	12:50	82S	19:07	281	19:30
2025 Apr 17 (Thu)	06:10	06:32	79	12:50	83S	19:08	282	19:30
2025 Apr 18 (Fri)	06:09	06:31	78	12:49	83S	19:08	282	19:30
2025 Apr 19 (Sat)	06:08	06:30	78	12:49	83S	19:08	282	19:31
2025 Apr 20 (Sun)	06:07	06:30	78	12:49	84S	19:09	283	19:31
2025 Apr 21 (Mon)	06:07	06:29	77	12:49	84S	19:09	283	19:31
2025 Apr 22 (Tue)	06:06	06:28	77	12:49	84S	19:09	283	19:32
2025 Apr 23 (Wed)	06:05	06:28	76	12:48	85S	19:09	284	19:32
2025 Apr 24 (Thu)	06:04	06:27	76	12:48	85S	19:10	284	19:32
2025 Apr 25 (Fri)	06:04	06:26	76	12:48	85S	19:10	284	19:33
2025 Apr 26 (Sat)	06:03	06:26	75	12:48	86S	19:10	285	19:33
2025 Apr 27 (Sun)	06:02	06:25	75	12:48	86S	19:11	285	19:33
2025 Apr 28 (Mon)	06:02	06:24	75	12:48	86S	19:11	285	19:34
2025 Apr 29 (Tue)	06:01	06:24	74	12:47	87S	19:11	286	19:34
2025 Apr 30 (Wed)	06:01	06:23	74	12:47	87S	19:12	286	19:34
2025 May 01 (Thu)	06:00	06:23	74	12:47	87S	19:12	286	19:35
2025 May 02 (Fri)	05:59	06:22	73	12:47	88S	19:12	287	19:35
2025 May 03 (Sat)	05:59	06:22	73	12:47	88S	19:13	287	19:35
2025 May 04 (Sun)	05:58	06:21	73	12:47	88S	19:13	287	19:36
2025 May 05 (Mon)	05:58	06:21	73	12:47	88S	19:13	288	19:36
2025 May 06 (Tue)	05:57	06:20	72	12:47	89S	19:14	288	19:37
2025 May 07 (Wed)	05:57	06:20	72	12:47	89S	19:14	288	19:37
2025 May 08 (Thu)	05:56	06:19	72	12:47	89S	19:14	289	19:37
2025 May 09 (Fri)	05:56	06:19	71	12:47	90S	19:15	289	19:38
2025 May 10 (Sat)	05:55	06:18	71	12:46	90S	19:15	289	19:38
2025 May 11 (Sun)	05:55	06:18	71	12:46	90S	19:15	289	19:39
2025 May 12 (Mon)	05:54	06:17	71	12:46	90S	19:16	290	19:39
2025 May 13 (Tue)	05:54	06:17	70	12:46	91S	19:16	290	19:39
2025 May 14 (Wed)	05:53	06:17	70	12:46	91N	19:16	290	19:40
2025 May 15 (Thu)	05:53	06:16	70	12:46	90N	19:17	290	19:40
2025 May 16 (Fri)	05:52	06:16	69	12:46	90N	19:17	291	19:41
2025 May 17 (Sat)	05:52	06:16	69	12:46	90N	19:18	291	19:41
2025 May 18 (Sun)	05:52	06:15	69	12:46	90N	19:18	291	19:41
2025 May 19 (Mon)	05:51	06:15	69	12:47	89N	19:18	291	19:42
2025 May 20 (Tue)	05:51	06:15	69	12:47	89N	19:19	292	19:42
2025 May 21 (Wed)	05:51	06:14	68	12:47	89N	19:19	292	19:43
2025 May 22 (Thu)	05:51	06:14	68	12:47	89N	19:19	292	19:43
2025 May 23 (Fri)	05:50	06:14	68	12:47	89N	19:20	292	19:44
2025 May 24 (Sat)	05:50	06:14	68	12:47	88N	19:20	292	19:44
2025 May 25 (Sun)	05:50	06:14	68	12:47	88N	19:21	293	19:44
2025 May 26 (Mon)	05:50	06:13	67	12:47	88N	19:21	293	19:45

2025	May	27	(Tue)	05:49	06:13	67	12:47	88N	19:21	293	19:45
2025	May	28	(Wed)	05:49	06:13	67	12:47	88N	19:22	293	19:46
2025	May	29	(Thu)	05:49	06:13	67	12:47	88N	19:22	293	19:46
2025	May	30	(Fri)	05:49	06:13	67	12:48	88N	19:23	293	19:46
2025	May	31	(Sat)	05:49	06:13	66	12:48	87N	19:23	294	19:47
2025	Jun	01	(Sun)	05:49	06:13	66	12:48	87N	19:23	294	19:47
2025	Jun	02	(Mon)	05:49	06:13	66	12:48	87N	19:24	294	19:48
2025	Jun	03	(Tue)	05:49	06:13	66	12:48	87N	19:24	294	19:48
2025	Jun	04	(Wed)	05:49	06:13	66	12:48	87N	19:24	294	19:48
2025	Jun	05	(Thu)	05:48	06:13	66	12:49	87N	19:25	294	19:49
2025	Jun	06	(Fri)	05:48	06:13	66	12:49	87N	19:25	294	19:49
2025	Jun	07	(Sat)	05:48	06:13	66	12:49	87N	19:25	294	19:50
2025	Jun	08	(Sun)	05:48	06:13	66	12:49	86N	19:26	295	19:50
2025	Jun	09	(Mon)	05:49	06:13	65	12:49	86N	19:26	295	19:50
2025	Jun	10	(Tue)	05:49	06:13	65	12:50	86N	19:26	295	19:51
2025	Jun	11	(Wed)	05:49	06:13	65	12:50	86N	19:27	295	19:51
2025	Jun	12	(Thu)	05:49	06:13	65	12:50	86N	19:27	295	19:51
2025	Jun	13	(Fri)	05:49	06:13	65	12:50	86N	19:27	295	19:52
2025	Jun	14	(Sat)	05:49	06:13	65	12:50	86N	19:28	295	19:52
2025	Jun	15	(Sun)	05:49	06:13	65	12:51	86N	19:28	295	19:52
2025	Jun	16	(Mon)	05:49	06:13	65	12:51	86N	19:28	295	19:52
2025	Jun	17	(Tue)	05:49	06:14	65	12:51	86N	19:28	295	19:53
2025	Jun	18	(Wed)	05:50	06:14	65	12:51	86N	19:29	295	19:53
2025	Jun	19	(Thu)	05:50	06:14	65	12:51	86N	19:29	295	19:53
2025	Jun	20	(Fri)	05:50	06:14	65	12:52	86N	19:29	295	19:53
2025	Jun	21	(Sat)	05:50	06:14	65	12:52	86N	19:29	295	19:54
2025	Jun	22	(Sun)	05:50	06:15	65	12:52	86N	19:30	295	19:54
2025	Jun	23	(Mon)	05:51	06:15	65	12:52	86N	19:30	295	19:54
2025	Jun	24	(Tue)	05:51	06:15	65	12:53	86N	19:30	295	19:54
2025	Jun	25	(Wed)	05:51	06:15	65	12:53	86N	19:30	295	19:54
2025	Jun	26	(Thu)	05:51	06:16	65	12:53	86N	19:30	295	19:55
2025	Jun	27	(Fri)	05:52	06:16	65	12:53	86N	19:30	295	19:55
2025	Jun	28	(Sat)	05:52	06:16	65	12:53	86N	19:31	295	19:55
2025	Jun	29	(Sun)	05:52	06:16	65	12:54	86N	19:31	295	19:55
2025	Jun	30	(Mon)	05:53	06:17	65	12:54	86N	19:31	295	19:55
2025	Jul	01	(Tue)	05:53	06:17	65	12:54	86N	19:31	295	19:55
2025	Jul	02	(Wed)	05:53	06:17	65	12:54	86N	19:31	295	19:55
2025	Jul	03	(Thu)	05:53	06:18	65	12:54	86N	19:31	295	19:55
2025	Jul	04	(Fri)	05:54	06:18	65	12:55	86N	19:31	294	19:55
2025	Jul	05	(Sat)	05:54	06:18	66	12:55	87N	19:31	294	19:55
2025	Jul	06	(Sun)	05:55	06:19	66	12:55	87N	19:31	294	19:55
2025	Jul	07	(Mon)	05:55	06:19	66	12:55	87N	19:31	294	19:55
2025	Jul	08	(Tue)	05:55	06:19	66	12:55	87N	19:31	294	19:55
2025	Jul	09	(Wed)	05:56	06:20	66	12:55	87N	19:31	294	19:55
2025	Jul	10	(Thu)	05:56	06:20	66	12:55	87N	19:31	294	19:55
2025	Jul	11	(Fri)	05:56	06:20	66	12:56	87N	19:31	294	19:55
2025	Jul	12	(Sat)	05:57	06:21	66	12:56	87N	19:31	293	19:55
2025	Jul	13	(Sun)	05:57	06:21	67	12:56	88N	19:31	293	19:54
2025	Jul	14	(Mon)	05:57	06:21	67	12:56	88N	19:30	293	19:54
2025	Jul	15	(Tue)	05:58	06:22	67	12:56	88N	19:30	293	19:54
2025	Jul	16	(Wed)	05:58	06:22	67	12:56	88N	19:30	293	19:54
2025	Jul	17	(Thu)	05:59	06:22	67	12:56	88N	19:30	293	19:54
2025	Jul	18	(Fri)	05:59	06:23	67	12:56	88N	19:30	292	19:53
2025	Jul	19	(Sat)	05:59	06:23	68	12:56	89N	19:30	292	19:53
2025	Jul	20	(Sun)	06:00	06:24	68	12:56	89N	19:29	292	19:53
2025	Jul	21	(Mon)	06:00	06:24	68	12:57	89N	19:29	292	19:53
2025	Jul	22	(Tue)	06:01	06:24	68	12:57	89N	19:29	292	19:52
2025	Jul	23	(Wed)	06:01	06:25	68	12:57	89N	19:28	291	19:52
2025	Jul	24	(Thu)	06:01	06:25	69	12:57	90N	19:28	291	19:52
2025	Jul	25	(Fri)	06:02	06:25	69	12:57	90N	19:28	291	19:51
2025	Jul	26	(Sat)	06:02	06:26	69	12:57	90N	19:27	291	19:51
2025	Jul	27	(Sun)	06:03	06:26	69	12:57	90N	19:27	290	19:51
2025	Jul	28	(Mon)	06:03	06:26	70	12:57	90N	19:27	290	19:50
2025	Jul	29	(Tue)	06:03	06:27	70	12:57	91N	19:26	290	19:50
2025	Jul	30	(Wed)	06:04	06:27	70	12:57	91S	19:26	290	19:49
2025	Jul	31	(Thu)	06:04	06:27	70	12:57	90S	19:26	289	19:49
2025	Aug	01	(Fri)	06:04	06:28	71	12:56	90S	19:25	289	19:48

2025	Aug	02	(Sat)	06:05	06:28	71	12:56	90S	19:25	289	19:48
2025	Aug	03	(Sun)	06:05	06:28	71	12:56	90S	19:24	289	19:47
2025	Aug	04	(Mon)	06:05	06:29	71	12:56	89S	19:24	288	19:47
2025	Aug	05	(Tue)	06:06	06:29	72	12:56	89S	19:23	288	19:46
2025	Aug	06	(Wed)	06:06	06:29	72	12:56	89S	19:23	288	19:46
2025	Aug	07	(Thu)	06:06	06:29	72	12:56	88S	19:22	287	19:45
2025	Aug	08	(Fri)	06:07	06:30	73	12:56	88S	19:22	287	19:44
2025	Aug	09	(Sat)	06:07	06:30	73	12:56	88S	19:21	287	19:44
2025	Aug	10	(Sun)	06:07	06:30	73	12:55	88S	19:20	287	19:43
2025	Aug	11	(Mon)	06:08	06:31	74	12:55	87S	19:20	286	19:43
2025	Aug	12	(Tue)	06:08	06:31	74	12:55	87S	19:19	286	19:42
2025	Aug	13	(Wed)	06:08	06:31	74	12:55	87S	19:19	286	19:41
2025	Aug	14	(Thu)	06:09	06:31	75	12:55	86S	19:18	285	19:41
2025	Aug	15	(Fri)	06:09	06:32	75	12:55	86S	19:17	285	19:40
2025	Aug	16	(Sat)	06:09	06:32	75	12:54	86S	19:17	285	19:39
2025	Aug	17	(Sun)	06:10	06:32	76	12:54	85S	19:16	284	19:38
2025	Aug	18	(Mon)	06:10	06:32	76	12:54	85S	19:15	284	19:38
2025	Aug	19	(Tue)	06:10	06:33	76	12:54	85S	19:15	284	19:37
2025	Aug	20	(Wed)	06:10	06:33	77	12:53	84S	19:14	283	19:36
2025	Aug	21	(Thu)	06:11	06:33	77	12:53	84S	19:13	283	19:36
2025	Aug	22	(Fri)	06:11	06:33	77	12:53	84S	19:12	283	19:35
2025	Aug	23	(Sat)	06:11	06:34	78	12:53	83S	19:12	282	19:34
2025	Aug	24	(Sun)	06:11	06:34	78	12:52	83S	19:11	282	19:33
2025	Aug	25	(Mon)	06:12	06:34	78	12:52	83S	19:10	281	19:32
2025	Aug	26	(Tue)	06:12	06:34	79	12:52	82S	19:09	281	19:32
2025	Aug	27	(Wed)	06:12	06:34	79	12:52	82S	19:09	281	19:31
2025	Aug	28	(Thu)	06:12	06:35	79	12:51	82S	19:08	280	19:30
2025	Aug	29	(Fri)	06:13	06:35	80	12:51	81S	19:07	280	19:29
2025	Aug	30	(Sat)	06:13	06:35	80	12:51	81S	19:06	280	19:28
2025	Aug	31	(Sun)	06:13	06:35	81	12:50	81S	19:05	279	19:27
2025	Sep	01	(Mon)	06:13	06:35	81	12:50	80S	19:05	279	19:27
2025	Sep	02	(Tue)	06:13	06:36	81	12:50	80S	19:04	278	19:26
2025	Sep	03	(Wed)	06:14	06:36	82	12:49	80S	19:03	278	19:25
2025	Sep	04	(Thu)	06:14	06:36	82	12:49	79S	19:02	278	19:24
2025	Sep	05	(Fri)	06:14	06:36	83	12:49	79S	19:01	277	19:23
2025	Sep	06	(Sat)	06:14	06:36	83	12:48	78S	19:00	277	19:22
2025	Sep	07	(Sun)	06:14	06:36	83	12:48	78S	18:59	276	19:21
2025	Sep	08	(Mon)	06:15	06:37	84	12:48	78S	18:59	276	19:21
2025	Sep	09	(Tue)	06:15	06:37	84	12:47	77S	18:58	276	19:20
2025	Sep	10	(Wed)	06:15	06:37	85	12:47	77S	18:57	275	19:19
2025	Sep	11	(Thu)	06:15	06:37	85	12:47	77S	18:56	275	19:18
2025	Sep	12	(Fri)	06:15	06:37	85	12:46	76S	18:55	274	19:17
2025	Sep	13	(Sat)	06:16	06:37	86	12:46	76S	18:54	274	19:16
2025	Sep	14	(Sun)	06:16	06:38	86	12:46	75S	18:53	274	19:15
2025	Sep	15	(Mon)	06:16	06:38	87	12:45	75S	18:53	273	19:14
2025	Sep	16	(Tue)	06:16	06:38	87	12:45	75S	18:52	273	19:13
2025	Sep	17	(Wed)	06:16	06:38	87	12:45	74S	18:51	272	19:13
2025	Sep	18	(Thu)	06:16	06:38	88	12:44	74S	18:50	272	19:12
2025	Sep	19	(Fri)	06:17	06:38	88	12:44	73S	18:49	272	19:11
2025	Sep	20	(Sat)	06:17	06:39	89	12:44	73S	18:48	271	19:10
2025	Sep	21	(Sun)	06:17	06:39	89	12:43	73S	18:47	271	19:09
2025	Sep	22	(Mon)	06:17	06:39	89	12:43	72S	18:46	270	19:08
2025	Sep	23	(Tue)	06:17	06:39	90	12:42	72S	18:46	270	19:07
2025	Sep	24	(Wed)	06:18	06:39	90	12:42	72S	18:45	270	19:06
2025	Sep	25	(Thu)	06:18	06:39	91	12:42	71S	18:44	269	19:06
2025	Sep	26	(Fri)	06:18	06:40	91	12:41	71S	18:43	269	19:05
2025	Sep	27	(Sat)	06:18	06:40	91	12:41	70S	18:42	268	19:04
2025	Sep	28	(Sun)	06:18	06:40	92	12:41	70S	18:41	268	19:03
2025	Sep	29	(Mon)	06:18	06:40	92	12:40	70S	18:40	268	19:02
2025	Sep	30	(Tue)	06:19	06:40	93	12:40	69S	18:39	267	19:01
2025	Oct	01	(Wed)	06:19	06:41	93	12:40	69S	18:39	267	19:00
2025	Oct	02	(Thu)	06:19	06:41	94	12:39	68S	18:38	266	19:00
2025	Oct	03	(Fri)	06:19	06:41	94	12:39	68S	18:37	266	18:59
2025	Oct	04	(Sat)	06:19	06:41	94	12:39	68S	18:36	265	18:58
2025	Oct	05	(Sun)	06:20	06:41	95	12:39	67S	18:35	265	18:57
2025	Oct	06	(Mon)	06:20	06:42	95	12:38	67S	18:35	265	18:56
2025	Oct	07	(Tue)	06:20	06:42	96	12:38	67S	18:34	264	18:56

2025	Oct	08	(Wed)	06:20	06:42	96	12:38	66S	18:33	264	18:55
2025	Oct	09	(Thu)	06:20	06:42	96	12:37	66S	18:32	263	18:54
2025	Oct	10	(Fri)	06:21	06:43	97	12:37	65S	18:31	263	18:53
2025	Oct	11	(Sat)	06:21	06:43	97	12:37	65S	18:31	263	18:52
2025	Oct	12	(Sun)	06:21	06:43	98	12:37	65S	18:30	262	18:52
2025	Oct	13	(Mon)	06:21	06:43	98	12:36	64S	18:29	262	18:51
2025	Oct	14	(Tue)	06:22	06:44	98	12:36	64S	18:28	261	18:50
2025	Oct	15	(Wed)	06:22	06:44	99	12:36	64S	18:28	261	18:50
2025	Oct	16	(Thu)	06:22	06:44	99	12:36	63S	18:27	261	18:49
2025	Oct	17	(Fri)	06:22	06:44	99	12:35	63S	18:26	260	18:48
2025	Oct	18	(Sat)	06:23	06:45	100	12:35	62S	18:25	260	18:48
2025	Oct	19	(Sun)	06:23	06:45	100	12:35	62S	18:25	260	18:47
2025	Oct	20	(Mon)	06:23	06:45	101	12:35	62S	18:24	259	18:46
2025	Oct	21	(Tue)	06:24	06:46	101	12:35	61S	18:23	259	18:46
2025	Oct	22	(Wed)	06:24	06:46	101	12:35	61S	18:23	258	18:45
2025	Oct	23	(Thu)	06:24	06:46	102	12:34	61S	18:22	258	18:44
2025	Oct	24	(Fri)	06:25	06:47	102	12:34	60S	18:22	258	18:44
2025	Oct	25	(Sat)	06:25	06:47	102	12:34	60S	18:21	257	18:43
2025	Oct	26	(Sun)	06:25	06:47	103	12:34	60S	18:20	257	18:43
2025	Oct	27	(Mon)	06:26	06:48	103	12:34	59S	18:20	257	18:42
2025	Oct	28	(Tue)	06:26	06:48	104	12:34	59S	18:19	256	18:42
2025	Oct	29	(Wed)	06:26	06:49	104	12:34	59S	18:19	256	18:41
2025	Oct	30	(Thu)	06:27	06:49	104	12:34	58S	18:18	256	18:41
2025	Oct	31	(Fri)	06:27	06:49	105	12:34	58S	18:18	255	18:40
2025	Nov	01	(Sat)	06:27	06:50	105	12:34	58S	18:17	255	18:40
2025	Nov	02	(Sun)	06:28	06:50	105	12:34	57S	18:17	255	18:39
2025	Nov	03	(Mon)	06:28	06:51	106	12:34	57S	18:16	254	18:39
2025	Nov	04	(Tue)	06:29	06:51	106	12:34	57S	18:16	254	18:38
2025	Nov	05	(Wed)	06:29	06:52	106	12:34	56S	18:15	254	18:38
2025	Nov	06	(Thu)	06:30	06:52	107	12:34	56S	18:15	253	18:38
2025	Nov	07	(Fri)	06:30	06:53	107	12:34	56S	18:15	253	18:37
2025	Nov	08	(Sat)	06:30	06:53	107	12:34	55S	18:14	253	18:37
2025	Nov	09	(Sun)	06:31	06:54	108	12:34	55S	18:14	252	18:37
2025	Nov	10	(Mon)	06:31	06:54	108	12:34	55S	18:14	252	18:36
2025	Nov	11	(Tue)	06:32	06:55	108	12:34	55S	18:13	252	18:36
2025	Nov	12	(Wed)	06:32	06:55	108	12:34	54S	18:13	251	18:36
2025	Nov	13	(Thu)	06:33	06:56	109	12:34	54S	18:13	251	18:36
2025	Nov	14	(Fri)	06:33	06:56	109	12:34	54S	18:13	251	18:36
2025	Nov	15	(Sat)	06:34	06:57	109	12:35	54S	18:12	251	18:35
2025	Nov	16	(Sun)	06:34	06:57	110	12:35	53S	18:12	250	18:35
2025	Nov	17	(Mon)	06:35	06:58	110	12:35	53S	18:12	250	18:35
2025	Nov	18	(Tue)	06:35	06:58	110	12:35	53S	18:12	250	18:35
2025	Nov	19	(Wed)	06:36	06:59	110	12:35	53S	18:12	250	18:35
2025	Nov	20	(Thu)	06:36	07:00	111	12:36	52S	18:12	249	18:35
2025	Nov	21	(Fri)	06:37	07:00	111	12:36	52S	18:12	249	18:35
2025	Nov	22	(Sat)	06:37	07:01	111	12:36	52S	18:12	249	18:35
2025	Nov	23	(Sun)	06:38	07:01	111	12:36	52S	18:12	249	18:35
2025	Nov	24	(Mon)	06:39	07:02	111	12:37	52S	18:11	248	18:35
2025	Nov	25	(Tue)	06:39	07:02	112	12:37	51S	18:12	248	18:35
2025	Nov	26	(Wed)	06:40	07:03	112	12:37	51S	18:12	248	18:35
2025	Nov	27	(Thu)	06:40	07:04	112	12:38	51S	18:12	248	18:35
2025	Nov	28	(Fri)	06:41	07:04	112	12:38	51S	18:12	248	18:35
2025	Nov	29	(Sat)	06:41	07:05	112	12:38	51S	18:12	247	18:35
2025	Nov	30	(Sun)	06:42	07:05	113	12:39	50S	18:12	247	18:35
2025	Dec	01	(Mon)	06:43	07:06	113	12:39	50S	18:12	247	18:35
2025	Dec	02	(Tue)	06:43	07:07	113	12:39	50S	18:12	247	18:36
2025	Dec	03	(Wed)	06:44	07:07	113	12:40	50S	18:12	247	18:36
2025	Dec	04	(Thu)	06:44	07:08	113	12:40	50S	18:12	247	18:36
2025	Dec	05	(Fri)	06:45	07:09	113	12:41	50S	18:13	247	18:36
2025	Dec	06	(Sat)	06:46	07:09	113	12:41	50S	18:13	246	18:37
2025	Dec	07	(Sun)	06:46	07:10	114	12:42	49S	18:13	246	18:37
2025	Dec	08	(Mon)	06:47	07:10	114	12:42	49S	18:13	246	18:37
2025	Dec	09	(Tue)	06:47	07:11	114	12:42	49S	18:14	246	18:37
2025	Dec	10	(Wed)	06:48	07:12	114	12:43	49S	18:14	246	18:38
2025	Dec	11	(Thu)	06:48	07:12	114	12:43	49S	18:14	246	18:38
2025	Dec	12	(Fri)	06:49	07:13	114	12:44	49S	18:15	246	18:38
2025	Dec	13	(Sat)	06:50	07:13	114	12:44	49S	18:15	246	18:39

2025	Dec 14	(Sun)	06:50	07:14	114	12:45	49S	18:15	246	18:39
2025	Dec 15	(Mon)	06:51	07:14	114	12:45	49S	18:16	246	18:40
2025	Dec 16	(Tue)	06:51	07:15	114	12:46	49S	18:16	246	18:40
2025	Dec 17	(Wed)	06:52	07:16	114	12:46	49S	18:17	246	18:40
2025	Dec 18	(Thu)	06:52	07:16	114	12:47	49S	18:17	246	18:41
2025	Dec 19	(Fri)	06:53	07:17	114	12:47	49S	18:18	246	18:41
2025	Dec 20	(Sat)	06:53	07:17	114	12:48	49S	18:18	245	18:42
2025	Dec 21	(Sun)	06:54	07:18	115	12:48	49S	18:19	245	18:42
2025	Dec 22	(Mon)	06:54	07:18	115	12:49	49S	18:19	245	18:43
2025	Dec 23	(Tue)	06:55	07:19	114	12:49	49S	18:20	246	18:43
2025	Dec 24	(Wed)	06:55	07:19	114	12:50	49S	18:20	246	18:44
2025	Dec 25	(Thu)	06:56	07:20	114	12:50	49S	18:21	246	18:44
2025	Dec 26	(Fri)	06:56	07:20	114	12:51	49S	18:21	246	18:45
2025	Dec 27	(Sat)	06:57	07:20	114	12:51	49S	18:22	246	18:46
2025	Dec 28	(Sun)	06:57	07:21	114	12:52	49S	18:22	246	18:46
2025	Dec 29	(Mon)	06:58	07:21	114	12:52	49S	18:23	246	18:47
2025	Dec 30	(Tue)	06:58	07:22	114	12:53	49S	18:24	246	18:47
2025	Dec 31	(Wed)	06:58	07:22	114	12:53	49S	18:24	246	18:48

Moon

VTNI

Location: E 92°29'00.0", N18°36'00.0", 8530m
(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)	08:35	117	14:09	47S	19:47	244
2025 Jan 02 (Thu)	09:23	113	15:04	51S	20:48	249
2025 Jan 03 (Fri)	10:07	108	15:55	56S	21:47	255
2025 Jan 04 (Sat)	10:48	101	16:44	62S	22:45	262
2025 Jan 05 (Sun)	11:26	94	17:32	69S	23:42	269
2025 Jan 06 (Mon)	12:04	87	18:19	76S		
2025 Jan 07 (Tue)	12:42	80	19:07	83S	00:39	277
2025 Jan 08 (Wed)	13:23	73	19:58	89S	01:37	284
2025 Jan 09 (Thu)	14:08	68	20:52	87N	02:38	290
2025 Jan 10 (Fri)	14:58	63	21:50	83N	03:41	295
2025 Jan 11 (Sat)	15:54	60	22:51	81N	04:46	299
2025 Jan 12 (Sun)	16:55	60	23:53	81N	05:50	300
2025 Jan 13 (Mon)	17:57	61			06:50	300
2025 Jan 14 (Tue)	18:59	65	00:52	83N	07:44	297
2025 Jan 15 (Wed)	19:57	69	01:47	86N	08:32	293
2025 Jan 16 (Thu)	20:52	75	02:37	90S	09:13	288
2025 Jan 17 (Fri)	21:43	81	03:23	85S	09:50	282
2025 Jan 18 (Sat)	22:32	87	04:05	79S	10:23	276
2025 Jan 19 (Sun)	23:20	93	04:46	73S	10:55	270
2025 Jan 20 (Mon)			05:25	67S	11:26	264
2025 Jan 21 (Tue)	00:07	99	06:04	61S	11:58	258
2025 Jan 22 (Wed)	00:55	105	06:45	56S	12:32	252
2025 Jan 23 (Thu)	01:46	110	07:29	51S	13:09	248
2025 Jan 24 (Fri)	02:39	115	08:16	47S	13:51	244
2025 Jan 25 (Sat)	03:34	118	09:07	45S	14:38	241
2025 Jan 26 (Sun)	04:31	120	10:01	43S	15:31	240
2025 Jan 27 (Mon)	05:28	120	10:59	43S	16:30	240
2025 Jan 28 (Tue)	06:23	119	11:56	45S	17:31	243
2025 Jan 29 (Wed)	07:15	115	12:53	49S	18:34	247
2025 Jan 30 (Thu)	08:02	110	13:47	54S	19:36	253
2025 Jan 31 (Fri)	08:45	104	14:38	60S	20:36	260
2025 Feb 01 (Sat)	09:25	97	15:27	67S	21:35	267
2025 Feb 02 (Sun)	10:03	89	16:16	74S	22:33	274
2025 Feb 03 (Mon)	10:42	82	17:04	81S	23:32	282
2025 Feb 04 (Tue)	11:22	75	17:55	88S		
2025 Feb 05 (Wed)	12:06	69	18:48	88N	00:32	288
2025 Feb 06 (Thu)	12:54	64	19:44	84N	01:34	294

2025 Feb 07 (Fri)	13:47 61	20:43 81N	02:38 298
2025 Feb 08 (Sat)	14:45 60	21:44 81N	03:41 300
2025 Feb 09 (Sun)	15:46 60	22:42 82N	04:42 300
2025 Feb 10 (Mon)	16:47 63	23:38 85N	05:37 298
2025 Feb 11 (Tue)	17:46 67		06:25 295
2025 Feb 12 (Wed)	18:41 72	00:29 89N	07:08 290
2025 Feb 13 (Thu)	19:34 78	01:16 87S	07:47 285
2025 Feb 14 (Fri)	20:24 85	02:00 82S	08:21 279
2025 Feb 15 (Sat)	21:12 91	02:41 76S	08:53 272
2025 Feb 16 (Sun)	22:00 97	03:21 70S	09:25 266
2025 Feb 17 (Mon)	22:48 103	04:00 64S	09:56 260
2025 Feb 18 (Tue)	23:37 108	04:40 58S	10:29 254
2025 Feb 19 (Wed)		05:23 53S	11:05 249
2025 Feb 20 (Thu)	00:28 113	06:08 49S	11:44 245
2025 Feb 21 (Fri)	01:22 117	06:56 45S	12:28 242
2025 Feb 22 (Sat)	02:18 119	07:48 43S	13:18 240
2025 Feb 23 (Sun)	03:14 120	08:43 43S	14:13 240
2025 Feb 24 (Mon)	04:09 120	09:40 44S	15:13 241
2025 Feb 25 (Tue)	05:02 117	10:37 47S	16:15 245
2025 Feb 26 (Wed)	05:51 113	11:32 51S	17:17 250
2025 Feb 27 (Thu)	06:36 107	12:25 57S	18:19 256
2025 Feb 28 (Fri)	07:18 100	13:16 64S	19:20 263
2025 Mar 01 (Sat)	07:58 93	14:06 71S	20:20 271
2025 Mar 02 (Sun)	08:38 85	14:56 79S	21:20 279
2025 Mar 03 (Mon)	09:19 77	15:48 86S	22:22 286
2025 Mar 04 (Tue)	10:02 71	16:42 90N	23:26 292
2025 Mar 05 (Wed)	10:50 65	17:39 85N	
2025 Mar 06 (Thu)	11:43 62	18:38 82N	00:31 297
2025 Mar 07 (Fri)	12:40 60	19:38 80N	01:35 300
2025 Mar 08 (Sat)	13:40 60	20:37 81N	02:37 300
2025 Mar 09 (Sun)	14:40 62	21:33 84N	03:33 299
2025 Mar 10 (Mon)	15:39 66	22:25 87N	04:23 296
2025 Mar 11 (Tue)	16:35 70	23:13 89S	05:07 292
2025 Mar 12 (Wed)	17:28 76	23:57 84S	05:46 287
2025 Mar 13 (Thu)	18:18 82		06:21 281
2025 Mar 14 (Fri)	19:07 89	00:38 78S	06:54 275
2025 Mar 15 (Sat)	19:54 95	01:18 72S	07:25 268
2025 Mar 16 (Sun)	20:42 101	01:57 66S	07:57 262
2025 Mar 17 (Mon)	21:31 107	02:37 60S	08:29 256
2025 Mar 18 (Tue)	22:21 112	03:19 55S	09:03 251
2025 Mar 19 (Wed)	23:14 116	04:03 50S	09:41 246
2025 Mar 20 (Thu)		04:49 47S	10:23 243
2025 Mar 21 (Fri)	00:08 119	05:40 44S	11:10 240
2025 Mar 22 (Sat)	01:03 120	06:33 43S	12:01 239
2025 Mar 23 (Sun)	01:58 120	07:27 43S	12:58 240
2025 Mar 24 (Mon)	02:50 119	08:23 45S	13:57 243
2025 Mar 25 (Tue)	03:40 115	09:17 49S	14:58 247
2025 Mar 26 (Wed)	04:25 110	10:10 54S	15:59 253
2025 Mar 27 (Thu)	05:08 104	11:01 60S	16:59 260
2025 Mar 28 (Fri)	05:49 97	11:52 67S	18:00 267
2025 Mar 29 (Sat)	06:29 89	12:42 75S	19:01 275
2025 Mar 30 (Sun)	07:10 81	13:34 82S	20:04 283
2025 Mar 31 (Mon)	07:53 74	14:29 89S	21:09 290
2025 Apr 01 (Tue)	08:41 68	15:26 87N	22:16 295
2025 Apr 02 (Wed)	09:34 63	16:27 83N	23:24 299
2025 Apr 03 (Thu)	10:31 60	17:29 81N	
2025 Apr 04 (Fri)	11:32 60	18:31 81N	00:29 300
2025 Apr 05 (Sat)	12:34 61	19:29 83N	01:28 300
2025 Apr 06 (Sun)	13:34 64	20:22 86N	02:21 297
2025 Apr 07 (Mon)	14:31 69	21:11 91N	03:07 293
2025 Apr 08 (Tue)	15:24 74	21:56 85S	03:47 288
2025 Apr 09 (Wed)	16:15 80	22:38 80S	04:23 283
2025 Apr 10 (Thu)	17:03 86	23:17 74S	04:56 277
2025 Apr 11 (Fri)	17:51 93	23:57 68S	05:28 270
2025 Apr 12 (Sat)	18:38 99		05:59 264
2025 Apr 13 (Sun)	19:26 105	00:36 62S	06:30 258
2025 Apr 14 (Mon)	20:16 110	01:17 57S	07:04 253

2025 Apr 15 (Tue)	21:08 114	02:00 52S	07:41 248
2025 Apr 16 (Wed)	22:02 118	02:46 48S	08:21 244
2025 Apr 17 (Thu)	22:57 120	03:35 45S	09:06 241
2025 Apr 18 (Fri)	23:51 120	04:26 43S	09:55 240
2025 Apr 19 (Sat)		05:20 43S	10:49 240
2025 Apr 20 (Sun)	00:43 119	06:14 44S	11:47 242
2025 Apr 21 (Mon)	01:32 117	07:07 47S	12:45 245
2025 Apr 22 (Tue)	02:18 112	07:59 52S	13:44 250
2025 Apr 23 (Wed)	03:00 107	08:49 57S	14:43 256
2025 Apr 24 (Thu)	03:40 100	09:38 64S	15:41 263
2025 Apr 25 (Fri)	04:20 93	10:27 71S	16:41 271
2025 Apr 26 (Sat)	04:59 85	11:18 78S	17:42 279
2025 Apr 27 (Sun)	05:41 78	12:11 86S	18:46 286
2025 Apr 28 (Mon)	06:27 71	13:08 89N	19:53 293
2025 Apr 29 (Tue)	07:19 65	14:09 84N	21:03 297
2025 Apr 30 (Wed)	08:16 61	15:13 81N	22:11 300
2025 May 01 (Thu)	09:18 60	16:17 81N	23:16 300
2025 May 02 (Fri)	10:22 61	17:19 82N	
2025 May 03 (Sat)	11:25 63	18:16 85N	00:13 298
2025 May 04 (Sun)	12:24 67	19:07 89N	01:03 295
2025 May 05 (Mon)	13:20 73	19:54 87S	01:46 290
2025 May 06 (Tue)	14:11 78	20:37 82S	02:24 284
2025 May 07 (Wed)	15:01 85	21:17 76S	02:58 278
2025 May 08 (Thu)	15:48 91	21:56 70S	03:30 272
2025 May 09 (Fri)	16:35 97	22:36 64S	04:01 266
2025 May 10 (Sat)	17:23 103	23:16 58S	04:32 260
2025 May 11 (Sun)	18:12 108	23:58 53S	05:05 255
2025 May 12 (Mon)	19:04 113		05:41 250
2025 May 13 (Tue)	19:57 117	00:43 49S	06:20 245
2025 May 14 (Wed)	20:52 119	01:31 46S	07:04 242
2025 May 15 (Thu)	21:46 120	02:22 44S	07:52 240
2025 May 16 (Fri)	22:39 120	03:16 43S	08:45 240
2025 May 17 (Sat)	23:29 117	04:09 44S	09:41 241
2025 May 18 (Sun)		05:02 46S	10:38 244
2025 May 19 (Mon)	00:15 114	05:54 50S	11:36 248
2025 May 20 (Tue)	00:57 109	06:43 55S	12:33 254
2025 May 21 (Wed)	01:37 103	07:31 61S	13:30 261
2025 May 22 (Thu)	02:15 96	08:18 68S	14:26 268
2025 May 23 (Fri)	02:53 89	09:06 75S	15:25 275
2025 May 24 (Sat)	03:32 81	09:56 82S	16:25 283
2025 May 25 (Sun)	04:15 74	10:50 89S	17:30 289
2025 May 26 (Mon)	05:03 68	11:48 87N	18:38 295
2025 May 27 (Tue)	05:57 63	12:51 83N	19:48 299
2025 May 28 (Wed)	06:58 60	13:56 81N	20:56 300
2025 May 29 (Thu)	08:02 60	15:01 81N	21:59 299
2025 May 30 (Fri)	09:08 62	16:02 83N	22:53 296
2025 May 31 (Sat)	10:11 66	16:58 87N	23:41 292
2025 Jun 01 (Sun)	11:10 71	17:48 89S	
2025 Jun 02 (Mon)	12:05 76	18:33 83S	00:21 286
2025 Jun 03 (Tue)	12:55 83	19:15 78S	00:57 280
2025 Jun 04 (Wed)	13:44 89	19:55 72S	01:31 274
2025 Jun 05 (Thu)	14:31 95	20:34 66S	02:02 268
2025 Jun 06 (Fri)	15:19 101	21:14 60S	02:33 262
2025 Jun 07 (Sat)	16:08 107	21:56 55S	03:06 256
2025 Jun 08 (Sun)	16:58 111	22:40 50S	03:41 251
2025 Jun 09 (Mon)	17:51 116	23:27 47S	04:19 247
2025 Jun 10 (Tue)	18:46 118		05:01 243
2025 Jun 11 (Wed)	19:41 120	00:18 44S	05:48 241
2025 Jun 12 (Thu)	20:35 120	01:11 43S	06:40 240
2025 Jun 13 (Fri)	21:26 118	02:05 44S	07:36 241
2025 Jun 14 (Sat)	22:13 115	02:59 46S	08:34 243
2025 Jun 15 (Sun)	22:57 110	03:51 49S	09:31 247
2025 Jun 16 (Mon)	23:36 104	04:41 54S	10:28 252
2025 Jun 17 (Tue)		05:28 59S	11:24 259
2025 Jun 18 (Wed)	00:14 98	06:15 66S	12:20 265
2025 Jun 19 (Thu)	00:51 91	07:01 73S	13:16 273
2025 Jun 20 (Fri)	01:29 84	07:48 80S	14:13 280

2025 Jun 21 (Sat)	02:09 77	08:39 86S	15:14 287
2025 Jun 22 (Sun)	02:53 70	09:33 89N	16:18 293
2025 Jun 23 (Mon)	03:42 65	10:32 84N	17:26 297
2025 Jun 24 (Tue)	04:39 61	11:36 82N	18:34 300
2025 Jun 25 (Wed)	05:42 60	12:41 81N	19:40 300
2025 Jun 26 (Thu)	06:48 61	13:45 82N	20:39 298
2025 Jun 27 (Fri)	07:53 64	14:44 86N	21:30 294
2025 Jun 28 (Sat)	08:55 68	15:37 90N	22:15 289
2025 Jun 29 (Sun)	09:53 74	16:26 86S	22:54 283
2025 Jun 30 (Mon)	10:46 80	17:10 80S	23:29 277
2025 Jul 01 (Tue)	11:37 87	17:51 74S	
2025 Jul 02 (Wed)	12:25 93	18:31 68S	00:01 270
2025 Jul 03 (Thu)	13:13 99	19:11 62S	00:33 264
2025 Jul 04 (Fri)	14:02 105	19:52 56S	01:05 258
2025 Jul 05 (Sat)	14:52 110	20:35 52S	01:39 253
2025 Jul 06 (Sun)	15:44 114	21:21 48S	02:16 248
2025 Jul 07 (Mon)	16:38 118	22:11 45S	02:56 244
2025 Jul 08 (Tue)	17:33 120	23:03 43S	03:42 241
2025 Jul 09 (Wed)	18:28 120	23:58 43S	04:33 240
2025 Jul 10 (Thu)	19:21 119		05:28 240
2025 Jul 11 (Fri)	20:10 116	00:52 45S	06:26 242
2025 Jul 12 (Sat)	20:55 112	01:46 48S	07:25 246
2025 Jul 13 (Sun)	21:36 106	02:37 52S	08:23 251
2025 Jul 14 (Mon)	22:15 100	03:26 58S	09:20 257
2025 Jul 15 (Tue)	22:52 93	04:13 64S	10:16 264
2025 Jul 16 (Wed)	23:29 86	04:59 71S	11:11 271
2025 Jul 17 (Thu)		05:46 78S	12:08 278
2025 Jul 18 (Fri)	00:07 79	06:34 84S	13:06 285
2025 Jul 19 (Sat)	00:49 72	07:26 91S	14:08 291
2025 Jul 20 (Sun)	01:35 67	08:22 86N	15:13 296
2025 Jul 21 (Mon)	02:28 62	09:22 82N	16:19 299
2025 Jul 22 (Tue)	03:27 60	10:25 81N	17:24 300
2025 Jul 23 (Wed)	04:30 60	11:28 81N	18:25 299
2025 Jul 24 (Thu)	05:35 62	12:29 84N	19:19 296
2025 Jul 25 (Fri)	06:39 66	13:25 88N	20:07 291
2025 Jul 26 (Sat)	07:39 71	14:16 88S	20:48 285
2025 Jul 27 (Sun)	08:34 77	15:02 82S	21:25 279
2025 Jul 28 (Mon)	09:27 84	15:45 76S	21:59 273
2025 Jul 29 (Tue)	10:17 90	16:26 70S	22:31 266
2025 Jul 30 (Wed)	11:06 97	17:06 64S	23:03 260
2025 Jul 31 (Thu)	11:54 103	17:47 58S	23:37 255
2025 Aug 01 (Fri)	12:44 108	18:30 53S	
2025 Aug 02 (Sat)	13:35 113	19:14 49S	00:12 250
2025 Aug 03 (Sun)	14:28 117	20:02 46S	00:51 245
2025 Aug 04 (Mon)	15:23 119	20:53 44S	01:35 242
2025 Aug 05 (Tue)	16:18 120	21:47 43S	02:23 240
2025 Aug 06 (Wed)	17:11 120	22:42 44S	03:17 240
2025 Aug 07 (Thu)	18:02 117	23:36 46S	04:14 241
2025 Aug 08 (Fri)	18:50 114		05:13 244
2025 Aug 09 (Sat)	19:33 108	00:29 50S	06:12 249
2025 Aug 10 (Sun)	20:13 102	01:20 56S	07:11 254
2025 Aug 11 (Mon)	20:52 95	02:09 62S	08:08 261
2025 Aug 12 (Tue)	21:29 88	02:56 69S	09:05 268
2025 Aug 13 (Wed)	22:08 81	03:43 76S	10:02 276
2025 Aug 14 (Thu)	22:48 74	04:32 83S	11:01 283
2025 Aug 15 (Fri)	23:33 68	05:23 89S	12:02 289
2025 Aug 16 (Sat)		06:17 87N	13:05 295
2025 Aug 17 (Sun)	00:23 63	07:15 83N	14:10 298
2025 Aug 18 (Mon)	01:19 61	08:16 81N	15:15 300
2025 Aug 19 (Tue)	02:20 60	09:18 81N	16:16 300
2025 Aug 20 (Wed)	03:23 61	10:19 83N	17:12 297
2025 Aug 21 (Thu)	04:26 64	11:15 86N	18:00 293
2025 Aug 22 (Fri)	05:26 69	12:07 91S	18:43 288
2025 Aug 23 (Sat)	06:23 75	12:55 85S	19:22 282
2025 Aug 24 (Sun)	07:17 81	13:39 79S	19:56 276
2025 Aug 25 (Mon)	08:08 88	14:21 73S	20:29 269
2025 Aug 26 (Tue)	08:57 94	15:01 66S	21:02 263

2025 Aug 27 (Wed)	09:46 100	15:42 61S	21:35 257
2025 Aug 28 (Thu)	10:36 106	16:24 55S	22:09 251
2025 Aug 29 (Fri)	11:26 111	17:08 51S	22:47 247
2025 Aug 30 (Sat)	12:18 115	17:54 47S	23:28 243
2025 Aug 31 (Sun)	13:12 118	18:44 44S	
2025 Sep 01 (Mon)	14:07 120	19:36 43S	00:14 241
2025 Sep 02 (Tue)	15:00 120	20:30 43S	01:05 240
2025 Sep 03 (Wed)	15:52 119	21:24 45S	02:00 240
2025 Sep 04 (Thu)	16:41 116	22:17 48S	02:58 242
2025 Sep 05 (Fri)	17:26 111	23:09 53S	03:57 246
2025 Sep 06 (Sat)	18:08 105	23:59 59S	04:56 252
2025 Sep 07 (Sun)	18:47 98		05:55 258
2025 Sep 08 (Mon)	19:26 91	00:48 66S	06:53 265
2025 Sep 09 (Tue)	20:05 83	01:36 73S	07:51 273
2025 Sep 10 (Wed)	20:46 76	02:25 80S	08:51 280
2025 Sep 11 (Thu)	21:30 70	03:17 87S	09:53 287
2025 Sep 12 (Fri)	22:19 65	04:11 89N	10:57 293
2025 Sep 13 (Sat)	23:14 61	05:09 84N	12:03 298
2025 Sep 14 (Sun)		06:10 81N	13:09 300
2025 Sep 15 (Mon)	00:14 60	07:12 81N	14:11 300
2025 Sep 16 (Tue)	01:16 60	08:13 82N	15:08 298
2025 Sep 17 (Wed)	02:18 63	09:10 85N	15:58 295
2025 Sep 18 (Thu)	03:19 67	10:02 89N	16:42 290
2025 Sep 19 (Fri)	04:16 73	10:50 87S	17:21 284
2025 Sep 20 (Sat)	05:10 79	11:35 81S	17:56 278
2025 Sep 21 (Sun)	06:01 85	12:17 75S	18:29 272
2025 Sep 22 (Mon)	06:50 92	12:58 69S	19:01 265
2025 Sep 23 (Tue)	07:39 98	13:39 63S	19:34 259
2025 Sep 24 (Wed)	08:28 104	14:20 57S	20:08 253
2025 Sep 25 (Thu)	09:19 109	15:03 52S	20:44 249
2025 Sep 26 (Fri)	10:10 114	15:48 48S	21:24 244
2025 Sep 27 (Sat)	11:03 117	16:36 45S	22:08 241
2025 Sep 28 (Sun)	11:57 120	17:27 43S	22:56 240
2025 Sep 29 (Mon)	12:51 120	18:19 43S	23:49 240
2025 Sep 30 (Tue)	13:42 120	19:12 44S	
2025 Oct 01 (Wed)	14:31 117	20:05 47S	00:44 241
2025 Oct 02 (Thu)	15:17 113	20:56 51S	01:42 244
2025 Oct 03 (Fri)	15:59 108	21:46 56S	02:40 249
2025 Oct 04 (Sat)	16:39 102	22:35 62S	03:38 255
2025 Oct 05 (Sun)	17:18 95	23:23 69S	04:35 262
2025 Oct 06 (Mon)	17:57 87		05:34 269
2025 Oct 07 (Tue)	18:38 80	00:13 76S	06:34 277
2025 Oct 08 (Wed)	19:22 73	01:04 84S	07:36 284
2025 Oct 09 (Thu)	20:11 67	01:59 90S	08:41 291
2025 Oct 10 (Fri)	21:05 62	02:58 86N	09:49 296
2025 Oct 11 (Sat)	22:05 60	04:00 82N	10:58 299
2025 Oct 12 (Sun)	23:08 60	05:04 81N	12:03 300
2025 Oct 13 (Mon)		06:07 81N	13:03 299
2025 Oct 14 (Tue)	00:12 62	07:06 84N	13:56 296
2025 Oct 15 (Wed)	01:14 66	08:00 88N	14:41 291
2025 Oct 16 (Thu)	02:11 71	08:49 89S	15:21 286
2025 Oct 17 (Fri)	03:06 77	09:34 83S	15:57 280
2025 Oct 18 (Sat)	03:57 83	10:16 77S	16:31 274
2025 Oct 19 (Sun)	04:46 89	10:57 71S	17:03 267
2025 Oct 20 (Mon)	05:35 96	11:37 65S	17:35 261
2025 Oct 21 (Tue)	06:23 102	12:18 59S	18:08 255
2025 Oct 22 (Wed)	07:13 107	13:00 54S	18:44 250
2025 Oct 23 (Thu)	08:04 112	13:45 50S	19:22 246
2025 Oct 24 (Fri)	08:57 116	14:32 46S	20:05 243
2025 Oct 25 (Sat)	09:50 119	15:21 44S	20:51 240
2025 Oct 26 (Sun)	10:44 120	16:13 43S	21:42 240
2025 Oct 27 (Mon)	11:35 120	17:05 44S	22:35 241
2025 Oct 28 (Tue)	12:24 118	17:57 46S	23:31 243
2025 Oct 29 (Wed)	13:10 115	18:47 49S	
2025 Oct 30 (Thu)	13:52 110	19:36 53S	00:27 247
2025 Oct 31 (Fri)	14:32 105	20:24 59S	01:23 252
2025 Nov 01 (Sat)	15:10 98	21:11 66S	02:19 258

2025 Nov 02 (Sun)	15:48 91	21:58 73S	03:16 265
2025 Nov 03 (Mon)	16:27 84	22:48 80S	04:13 273
2025 Nov 04 (Tue)	17:09 76	23:41 87S	05:14 280
2025 Nov 05 (Wed)	17:56 70		06:18 287
2025 Nov 06 (Thu)	18:49 64	00:39 88N	07:26 293
2025 Nov 07 (Fri)	19:49 61	01:41 84N	08:36 298
2025 Nov 08 (Sat)	20:54 60	02:47 81N	09:46 300
2025 Nov 09 (Sun)	22:00 61	03:53 81N	10:51 300
2025 Nov 10 (Mon)	23:05 65	04:56 83N	11:49 297
2025 Nov 11 (Tue)		05:54 86N	12:38 293
2025 Nov 12 (Wed)	00:05 69	06:45 90S	13:21 288
2025 Nov 13 (Thu)	01:01 75	07:32 85S	13:59 282
2025 Nov 14 (Fri)	01:54 81	08:16 79S	14:33 276
2025 Nov 15 (Sat)	02:44 88	08:57 73S	15:05 269
2025 Nov 16 (Sun)	03:32 94	09:37 67S	15:37 263
2025 Nov 17 (Mon)	04:20 100	10:17 61S	16:10 257
2025 Nov 18 (Tue)	05:09 106	10:58 56S	16:44 252
2025 Nov 19 (Wed)	06:00 111	11:42 51S	17:22 247
2025 Nov 20 (Thu)	06:52 115	12:28 47S	18:03 244
2025 Nov 21 (Fri)	07:45 118	13:17 45S	18:48 241
2025 Nov 22 (Sat)	08:39 120	14:08 43S	19:38 240
2025 Nov 23 (Sun)	09:31 120	15:01 43S	20:31 240
2025 Nov 24 (Mon)	10:21 119	15:52 45S	21:25 242
2025 Nov 25 (Tue)	11:07 116	16:43 48S	22:21 246
2025 Nov 26 (Wed)	11:50 112	17:31 52S	23:15 250
2025 Nov 27 (Thu)	12:29 107	18:17 57S	
2025 Nov 28 (Fri)	13:06 101	19:03 63S	00:10 256
2025 Nov 29 (Sat)	13:43 94	19:48 70S	01:04 263
2025 Nov 30 (Sun)	14:20 87	20:35 77S	01:59 269
2025 Dec 01 (Mon)	14:59 80	21:24 83S	02:55 277
2025 Dec 02 (Tue)	15:42 73	22:18 90S	03:56 284
2025 Dec 03 (Wed)	16:31 67	23:18 86N	05:00 290
2025 Dec 04 (Thu)	17:27 63		06:09 296
2025 Dec 05 (Fri)	18:30 60	00:22 82N	07:20 299
2025 Dec 06 (Sat)	19:38 61	01:30 81N	08:29 300
2025 Dec 07 (Sun)	20:46 63	02:36 82N	09:33 298
2025 Dec 08 (Mon)	21:51 67	03:39 85N	10:28 295
2025 Dec 09 (Tue)	22:51 73	04:35 89N	11:15 290
2025 Dec 10 (Wed)	23:47 79	05:26 87S	11:56 284
2025 Dec 11 (Thu)		06:12 81S	12:32 278
2025 Dec 12 (Fri)	00:39 86	06:54 74S	13:06 271
2025 Dec 13 (Sat)	01:28 92	07:35 68S	13:38 265
2025 Dec 14 (Sun)	02:17 98	08:16 63S	14:11 259
2025 Dec 15 (Mon)	03:06 104	08:57 57S	14:45 253
2025 Dec 16 (Tue)	03:55 109	09:40 52S	15:21 249
2025 Dec 17 (Wed)	04:47 114	10:25 48S	16:01 245
2025 Dec 18 (Thu)	05:40 117	11:13 45S	16:45 242
2025 Dec 19 (Fri)	06:34 119	12:04 44S	17:34 240
2025 Dec 20 (Sat)	07:27 120	12:56 43S	18:26 240
2025 Dec 21 (Sun)	08:18 119	13:48 44S	19:21 242
2025 Dec 22 (Mon)	09:05 117	14:40 47S	20:16 245
2025 Dec 23 (Tue)	09:49 113	15:29 51S	21:11 249
2025 Dec 24 (Wed)	10:29 108	16:16 56S	22:06 254
2025 Dec 25 (Thu)	11:06 102	17:01 61S	22:59 261
2025 Dec 26 (Fri)	11:42 96	17:45 68S	23:52 267
2025 Dec 27 (Sat)	12:18 89	18:30 74S	
2025 Dec 28 (Sun)	12:54 82	19:16 81S	00:46 274
2025 Dec 29 (Mon)	13:34 76	20:06 87S	01:42 281
2025 Dec 30 (Tue)	14:18 69	21:00 88N	02:43 288
2025 Dec 31 (Wed)	15:09 64	22:00 84N	03:47 293