

Sun

BuengKan

Location: E103°35'34.8", N18°13'08.4", 0m
(Longitude referred to Greenwich meridian)

Time Zone: 7h 00m east of Greenwich

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

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

2025	May	03	(Sat)	04:48	05:38	73	12:03	88S	18:28	287	19:17
2025	May	04	(Sun)	04:47	05:37	73	12:02	89S	18:28	287	19:18
2025	May	05	(Mon)	04:47	05:37	73	12:02	89S	18:28	288	19:18
2025	May	06	(Tue)	04:46	05:36	72	12:02	89S	18:29	288	19:19
2025	May	07	(Wed)	04:46	05:36	72	12:02	89S	18:29	288	19:19
2025	May	08	(Thu)	04:45	05:35	72	12:02	90S	18:29	288	19:19
2025	May	09	(Fri)	04:45	05:35	71	12:02	90S	18:30	289	19:20
2025	May	10	(Sat)	04:44	05:34	71	12:02	90S	18:30	289	19:20
2025	May	11	(Sun)	04:43	05:34	71	12:02	90S	18:30	289	19:21
2025	May	12	(Mon)	04:43	05:34	71	12:02	91S	18:31	290	19:21
2025	May	13	(Tue)	04:42	05:33	70	12:02	90N	18:31	290	19:22
2025	May	14	(Wed)	04:42	05:33	70	12:02	90N	18:31	290	19:22
2025	May	15	(Thu)	04:42	05:32	70	12:02	90N	18:32	290	19:23
2025	May	16	(Fri)	04:41	05:32	70	12:02	90N	18:32	291	19:23
2025	May	17	(Sat)	04:41	05:32	69	12:02	90N	18:32	291	19:24
2025	May	18	(Sun)	04:40	05:31	69	12:02	89N	18:33	291	19:24
2025	May	19	(Mon)	04:40	05:31	69	12:02	89N	18:33	291	19:24
2025	May	20	(Tue)	04:40	05:31	69	12:02	89N	18:34	291	19:25
2025	May	21	(Wed)	04:39	05:31	68	12:02	89N	18:34	292	19:25
2025	May	22	(Thu)	04:39	05:30	68	12:02	88N	18:34	292	19:26
2025	May	23	(Fri)	04:39	05:30	68	12:02	88N	18:35	292	19:26
2025	May	24	(Sat)	04:38	05:30	68	12:02	88N	18:35	292	19:27
2025	May	25	(Sun)	04:38	05:30	68	12:03	88N	18:35	293	19:27
2025	May	26	(Mon)	04:38	05:30	67	12:03	88N	18:36	293	19:28
2025	May	27	(Tue)	04:38	05:30	67	12:03	88N	18:36	293	19:28
2025	May	28	(Wed)	04:37	05:29	67	12:03	87N	18:37	293	19:29
2025	May	29	(Thu)	04:37	05:29	67	12:03	87N	18:37	293	19:29
2025	May	30	(Fri)	04:37	05:29	67	12:03	87N	18:37	293	19:30
2025	May	31	(Sat)	04:37	05:29	67	12:03	87N	18:38	294	19:30
2025	Jun	01	(Sun)	04:37	05:29	66	12:03	87N	18:38	294	19:30
2025	Jun	02	(Mon)	04:37	05:29	66	12:04	87N	18:38	294	19:31
2025	Jun	03	(Tue)	04:37	05:29	66	12:04	87N	18:39	294	19:31
2025	Jun	04	(Wed)	04:36	05:29	66	12:04	86N	18:39	294	19:32
2025	Jun	05	(Thu)	04:36	05:29	66	12:04	86N	18:40	294	19:32
2025	Jun	06	(Fri)	04:36	05:29	66	12:04	86N	18:40	294	19:32
2025	Jun	07	(Sat)	04:36	05:29	66	12:05	86N	18:40	294	19:33
2025	Jun	08	(Sun)	04:36	05:29	66	12:05	86N	18:41	294	19:33
2025	Jun	09	(Mon)	04:36	05:29	65	12:05	86N	18:41	295	19:34
2025	Jun	10	(Tue)	04:36	05:29	65	12:05	86N	18:41	295	19:34
2025	Jun	11	(Wed)	04:36	05:29	65	12:05	86N	18:41	295	19:34
2025	Jun	12	(Thu)	04:36	05:29	65	12:05	86N	18:42	295	19:35
2025	Jun	13	(Fri)	04:37	05:29	65	12:06	86N	18:42	295	19:35
2025	Jun	14	(Sat)	04:37	05:29	65	12:06	86N	18:42	295	19:35
2025	Jun	15	(Sun)	04:37	05:30	65	12:06	86N	18:43	295	19:36
2025	Jun	16	(Mon)	04:37	05:30	65	12:06	86N	18:43	295	19:36
2025	Jun	17	(Tue)	04:37	05:30	65	12:07	86N	18:43	295	19:36
2025	Jun	18	(Wed)	04:37	05:30	65	12:07	86N	18:43	295	19:36
2025	Jun	19	(Thu)	04:37	05:30	65	12:07	86N	18:44	295	19:37
2025	Jun	20	(Fri)	04:38	05:31	65	12:07	85N	18:44	295	19:37
2025	Jun	21	(Sat)	04:38	05:31	65	12:07	85N	18:44	295	19:37
2025	Jun	22	(Sun)	04:38	05:31	65	12:08	85N	18:44	295	19:37
2025	Jun	23	(Mon)	04:38	05:31	65	12:08	86N	18:45	295	19:38
2025	Jun	24	(Tue)	04:38	05:31	65	12:08	86N	18:45	295	19:38
2025	Jun	25	(Wed)	04:39	05:32	65	12:08	86N	18:45	295	19:38
2025	Jun	26	(Thu)	04:39	05:32	65	12:09	86N	18:45	295	19:38
2025	Jun	27	(Fri)	04:39	05:32	65	12:09	86N	18:45	295	19:38
2025	Jun	28	(Sat)	04:40	05:32	65	12:09	86N	18:45	295	19:38
2025	Jun	29	(Sun)	04:40	05:33	65	12:09	86N	18:45	295	19:38
2025	Jun	30	(Mon)	04:40	05:33	65	12:09	86N	18:46	295	19:38
2025	Jul	01	(Tue)	04:41	05:33	65	12:10	86N	18:46	295	19:38
2025	Jul	02	(Wed)	04:41	05:34	65	12:10	86N	18:46	295	19:38
2025	Jul	03	(Thu)	04:41	05:34	65	12:10	86N	18:46	294	19:38
2025	Jul	04	(Fri)	04:42	05:34	66	12:10	86N	18:46	294	19:38
2025	Jul	05	(Sat)	04:42	05:35	66	12:10	86N	18:46	294	19:38
2025	Jul	06	(Sun)	04:42	05:35	66	12:10	86N	18:46	294	19:38
2025	Jul	07	(Mon)	04:43	05:35	66	12:11	86N	18:46	294	19:38
2025	Jul	08	(Tue)	04:43	05:36	66	12:11	86N	18:46	294	19:38

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

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

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

Sun

BuengKan

Location: E103°35'34.8", N18°13'08.4", 0m
(Longitude referred to Greenwich meridian)

Time Zone: 7h 00m east of Greenwich

Date (Zone)	Begin Civil Twilight h m	Rise h m °	Az. °	Transit Alt. h m °	Set h m °	Az. °	End Civil Twilight h m	
2025 Jan 01 (Wed)	06:14	06:37	114	12:09	50S	17:41	246	18:05
2025 Jan 02 (Thu)	06:14	06:38	114	12:10	50S	17:42	246	18:05
2025 Jan 03 (Fri)	06:14	06:38	114	12:10	50S	17:42	246	18:06
2025 Jan 04 (Sat)	06:15	06:38	114	12:11	50S	17:43	246	18:06
2025 Jan 05 (Sun)	06:15	06:39	114	12:11	50S	17:44	246	18:07
2025 Jan 06 (Mon)	06:15	06:39	113	12:11	50S	17:44	247	18:08
2025 Jan 07 (Tue)	06:16	06:39	113	12:12	50S	17:45	247	18:08
2025 Jan 08 (Wed)	06:16	06:39	113	12:12	50S	17:45	247	18:09
2025 Jan 09 (Thu)	06:16	06:40	113	12:13	50S	17:46	247	18:10
2025 Jan 10 (Fri)	06:16	06:40	113	12:13	51S	17:47	247	18:10
2025 Jan 11 (Sat)	06:16	06:40	113	12:14	51S	17:47	247	18:11
2025 Jan 12 (Sun)	06:17	06:40	113	12:14	51S	17:48	248	18:11

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

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

2025	May	27	(Tue)	05:06	05:30	67	12:03	88N	18:36	293	19:00
2025	May	28	(Wed)	05:06	05:29	67	12:03	87N	18:37	293	19:00
2025	May	29	(Thu)	05:05	05:29	67	12:03	87N	18:37	293	19:01
2025	May	30	(Fri)	05:05	05:29	67	12:03	87N	18:37	293	19:01
2025	May	31	(Sat)	05:05	05:29	67	12:03	87N	18:38	294	19:02
2025	Jun	01	(Sun)	05:05	05:29	66	12:03	87N	18:38	294	19:02
2025	Jun	02	(Mon)	05:05	05:29	66	12:04	87N	18:38	294	19:02
2025	Jun	03	(Tue)	05:05	05:29	66	12:04	87N	18:39	294	19:03
2025	Jun	04	(Wed)	05:05	05:29	66	12:04	86N	18:39	294	19:03
2025	Jun	05	(Thu)	05:05	05:29	66	12:04	86N	18:40	294	19:04
2025	Jun	06	(Fri)	05:05	05:29	66	12:04	86N	18:40	294	19:04
2025	Jun	07	(Sat)	05:05	05:29	66	12:05	86N	18:40	294	19:04
2025	Jun	08	(Sun)	05:05	05:29	66	12:05	86N	18:41	294	19:05
2025	Jun	09	(Mon)	05:05	05:29	65	12:05	86N	18:41	295	19:05
2025	Jun	10	(Tue)	05:05	05:29	65	12:05	86N	18:41	295	19:05
2025	Jun	11	(Wed)	05:05	05:29	65	12:05	86N	18:41	295	19:06
2025	Jun	12	(Thu)	05:05	05:29	65	12:05	86N	18:42	295	19:06
2025	Jun	13	(Fri)	05:05	05:29	65	12:06	86N	18:42	295	19:06
2025	Jun	14	(Sat)	05:05	05:29	65	12:06	86N	18:42	295	19:07
2025	Jun	15	(Sun)	05:05	05:30	65	12:06	86N	18:43	295	19:07
2025	Jun	16	(Mon)	05:06	05:30	65	12:06	86N	18:43	295	19:07
2025	Jun	17	(Tue)	05:06	05:30	65	12:07	86N	18:43	295	19:07
2025	Jun	18	(Wed)	05:06	05:30	65	12:07	86N	18:43	295	19:08
2025	Jun	19	(Thu)	05:06	05:30	65	12:07	86N	18:44	295	19:08
2025	Jun	20	(Fri)	05:06	05:31	65	12:07	85N	18:44	295	19:08
2025	Jun	21	(Sat)	05:06	05:31	65	12:07	85N	18:44	295	19:08
2025	Jun	22	(Sun)	05:07	05:31	65	12:08	85N	18:44	295	19:09
2025	Jun	23	(Mon)	05:07	05:31	65	12:08	86N	18:45	295	19:09
2025	Jun	24	(Tue)	05:07	05:31	65	12:08	86N	18:45	295	19:09
2025	Jun	25	(Wed)	05:07	05:32	65	12:08	86N	18:45	295	19:09
2025	Jun	26	(Thu)	05:08	05:32	65	12:09	86N	18:45	295	19:09
2025	Jun	27	(Fri)	05:08	05:32	65	12:09	86N	18:45	295	19:09
2025	Jun	28	(Sat)	05:08	05:32	65	12:09	86N	18:45	295	19:10
2025	Jun	29	(Sun)	05:09	05:33	65	12:09	86N	18:45	295	19:10
2025	Jun	30	(Mon)	05:09	05:33	65	12:09	86N	18:46	295	19:10
2025	Jul	01	(Tue)	05:09	05:33	65	12:10	86N	18:46	295	19:10
2025	Jul	02	(Wed)	05:09	05:34	65	12:10	86N	18:46	295	19:10
2025	Jul	03	(Thu)	05:10	05:34	65	12:10	86N	18:46	294	19:10
2025	Jul	04	(Fri)	05:10	05:34	66	12:10	86N	18:46	294	19:10
2025	Jul	05	(Sat)	05:10	05:35	66	12:10	86N	18:46	294	19:10
2025	Jul	06	(Sun)	05:11	05:35	66	12:10	86N	18:46	294	19:10
2025	Jul	07	(Mon)	05:11	05:35	66	12:11	86N	18:46	294	19:10
2025	Jul	08	(Tue)	05:12	05:36	66	12:11	86N	18:46	294	19:10
2025	Jul	09	(Wed)	05:12	05:36	66	12:11	87N	18:46	294	19:10
2025	Jul	10	(Thu)	05:12	05:36	66	12:11	87N	18:46	294	19:10
2025	Jul	11	(Fri)	05:13	05:37	66	12:11	87N	18:46	294	19:10
2025	Jul	12	(Sat)	05:13	05:37	67	12:11	87N	18:46	293	19:09
2025	Jul	13	(Sun)	05:13	05:37	67	12:11	87N	18:45	293	19:09
2025	Jul	14	(Mon)	05:14	05:38	67	12:12	87N	18:45	293	19:09
2025	Jul	15	(Tue)	05:14	05:38	67	12:12	87N	18:45	293	19:09
2025	Jul	16	(Wed)	05:15	05:38	67	12:12	88N	18:45	293	19:09
2025	Jul	17	(Thu)	05:15	05:39	67	12:12	88N	18:45	293	19:09
2025	Jul	18	(Fri)	05:15	05:39	68	12:12	88N	18:45	292	19:08
2025	Jul	19	(Sat)	05:16	05:39	68	12:12	88N	18:44	292	19:08
2025	Jul	20	(Sun)	05:16	05:40	68	12:12	88N	18:44	292	19:08
2025	Jul	21	(Mon)	05:16	05:40	68	12:12	89N	18:44	292	19:08
2025	Jul	22	(Tue)	05:17	05:40	68	12:12	89N	18:44	292	19:07
2025	Jul	23	(Wed)	05:17	05:41	69	12:12	89N	18:43	291	19:07
2025	Jul	24	(Thu)	05:18	05:41	69	12:12	89N	18:43	291	19:07
2025	Jul	25	(Fri)	05:18	05:41	69	12:12	89N	18:43	291	19:06
2025	Jul	26	(Sat)	05:18	05:42	69	12:12	90N	18:42	291	19:06
2025	Jul	27	(Sun)	05:19	05:42	69	12:12	90N	18:42	290	19:05
2025	Jul	28	(Mon)	05:19	05:42	70	12:12	90N	18:42	290	19:05
2025	Jul	29	(Tue)	05:19	05:43	70	12:12	90N	18:41	290	19:05
2025	Jul	30	(Wed)	05:20	05:43	70	12:12	90N	18:41	290	19:04
2025	Jul	31	(Thu)	05:20	05:43	70	12:12	91S	18:40	289	19:04
2025	Aug	01	(Fri)	05:21	05:44	71	12:12	90S	18:40	289	19:03

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

2025	Oct	08	(Wed)	05:36	05:58	96	11:53	67S	17:49	264	18:10
2025	Oct	09	(Thu)	05:36	05:58	96	11:53	66S	17:48	263	18:10
2025	Oct	10	(Fri)	05:36	05:58	97	11:53	66S	17:47	263	18:09
2025	Oct	11	(Sat)	05:36	05:58	97	11:52	65S	17:46	263	18:08
2025	Oct	12	(Sun)	05:37	05:58	98	11:52	65S	17:46	262	18:07
2025	Oct	13	(Mon)	05:37	05:59	98	11:52	65S	17:45	262	18:07
2025	Oct	14	(Tue)	05:37	05:59	98	11:52	64S	17:44	262	18:06
2025	Oct	15	(Wed)	05:37	05:59	99	11:51	64S	17:43	261	18:05
2025	Oct	16	(Thu)	05:38	06:00	99	11:51	64S	17:43	261	18:05
2025	Oct	17	(Fri)	05:38	06:00	99	11:51	63S	17:42	260	18:04
2025	Oct	18	(Sat)	05:38	06:00	100	11:51	63S	17:41	260	18:03
2025	Oct	19	(Sun)	05:38	06:00	100	11:51	62S	17:41	260	18:03
2025	Oct	20	(Mon)	05:39	06:01	101	11:50	62S	17:40	259	18:02
2025	Oct	21	(Tue)	05:39	06:01	101	11:50	62S	17:39	259	18:01
2025	Oct	22	(Wed)	05:39	06:01	101	11:50	61S	17:39	258	18:01
2025	Oct	23	(Thu)	05:39	06:02	102	11:50	61S	17:38	258	18:00
2025	Oct	24	(Fri)	05:40	06:02	102	11:50	61S	17:37	258	18:00
2025	Oct	25	(Sat)	05:40	06:02	102	11:50	60S	17:37	257	17:59
2025	Oct	26	(Sun)	05:40	06:03	103	11:50	60S	17:36	257	17:59
2025	Oct	27	(Mon)	05:41	06:03	103	11:50	60S	17:36	257	17:58
2025	Oct	28	(Tue)	05:41	06:03	104	11:49	59S	17:35	256	17:58
2025	Oct	29	(Wed)	05:41	06:04	104	11:49	59S	17:35	256	17:57
2025	Oct	30	(Thu)	05:42	06:04	104	11:49	59S	17:34	256	17:57
2025	Oct	31	(Fri)	05:42	06:05	105	11:49	58S	17:34	255	17:56
2025	Nov	01	(Sat)	05:43	06:05	105	11:49	58S	17:33	255	17:56
2025	Nov	02	(Sun)	05:43	06:05	105	11:49	58S	17:33	255	17:55
2025	Nov	03	(Mon)	05:43	06:06	106	11:49	57S	17:32	254	17:55
2025	Nov	04	(Tue)	05:44	06:06	106	11:49	57S	17:32	254	17:54
2025	Nov	05	(Wed)	05:44	06:07	106	11:49	57S	17:31	254	17:54
2025	Nov	06	(Thu)	05:45	06:07	107	11:49	56S	17:31	253	17:54
2025	Nov	07	(Fri)	05:45	06:08	107	11:49	56S	17:31	253	17:53
2025	Nov	08	(Sat)	05:45	06:08	107	11:49	56S	17:30	253	17:53
2025	Nov	09	(Sun)	05:46	06:09	107	11:49	56S	17:30	252	17:53
2025	Nov	10	(Mon)	05:46	06:09	108	11:50	55S	17:30	252	17:53
2025	Nov	11	(Tue)	05:47	06:10	108	11:50	55S	17:29	252	17:52
2025	Nov	12	(Wed)	05:47	06:10	108	11:50	55S	17:29	251	17:52
2025	Nov	13	(Thu)	05:48	06:11	109	11:50	54S	17:29	251	17:52
2025	Nov	14	(Fri)	05:48	06:11	109	11:50	54S	17:29	251	17:52
2025	Nov	15	(Sat)	05:49	06:12	109	11:50	54S	17:29	251	17:51
2025	Nov	16	(Sun)	05:49	06:12	109	11:50	54S	17:28	250	17:51
2025	Nov	17	(Mon)	05:50	06:13	110	11:51	53S	17:28	250	17:51
2025	Nov	18	(Tue)	05:50	06:13	110	11:51	53S	17:28	250	17:51
2025	Nov	19	(Wed)	05:51	06:14	110	11:51	53S	17:28	250	17:51
2025	Nov	20	(Thu)	05:51	06:14	110	11:51	53S	17:28	249	17:51
2025	Nov	21	(Fri)	05:52	06:15	111	11:51	53S	17:28	249	17:51
2025	Nov	22	(Sat)	05:52	06:16	111	11:52	52S	17:28	249	17:51
2025	Nov	23	(Sun)	05:53	06:16	111	11:52	52S	17:28	249	17:51
2025	Nov	24	(Mon)	05:54	06:17	111	11:52	52S	17:28	249	17:51
2025	Nov	25	(Tue)	05:54	06:17	112	11:53	52S	17:28	248	17:51
2025	Nov	26	(Wed)	05:55	06:18	112	11:53	52S	17:28	248	17:51
2025	Nov	27	(Thu)	05:55	06:19	112	11:53	51S	17:28	248	17:51
2025	Nov	28	(Fri)	05:56	06:19	112	11:54	51S	17:28	248	17:51
2025	Nov	29	(Sat)	05:56	06:20	112	11:54	51S	17:28	248	17:51
2025	Nov	30	(Sun)	05:57	06:20	113	11:54	51S	17:28	247	17:51
2025	Dec	01	(Mon)	05:58	06:21	113	11:55	51S	17:28	247	17:52
2025	Dec	02	(Tue)	05:58	06:22	113	11:55	51S	17:28	247	17:52
2025	Dec	03	(Wed)	05:59	06:22	113	11:55	50S	17:29	247	17:52
2025	Dec	04	(Thu)	05:59	06:23	113	11:56	50S	17:29	247	17:52
2025	Dec	05	(Fri)	06:00	06:23	113	11:56	50S	17:29	247	17:52
2025	Dec	06	(Sat)	06:00	06:24	113	11:57	50S	17:29	246	17:53
2025	Dec	07	(Sun)	06:01	06:25	114	11:57	50S	17:29	246	17:53
2025	Dec	08	(Mon)	06:02	06:25	114	11:57	50S	17:30	246	17:53
2025	Dec	09	(Tue)	06:02	06:26	114	11:58	50S	17:30	246	17:54
2025	Dec	10	(Wed)	06:03	06:26	114	11:58	50S	17:30	246	17:54
2025	Dec	11	(Thu)	06:03	06:27	114	11:59	49S	17:31	246	17:54
2025	Dec	12	(Fri)	06:04	06:28	114	11:59	49S	17:31	246	17:55
2025	Dec	13	(Sat)	06:04	06:28	114	12:00	49S	17:31	246	17:55

2025	Dec	14	(Sun)	06:05	06:29	114	12:00	49S	17:32	246	17:55
2025	Dec	15	(Mon)	06:06	06:29	114	12:01	49S	17:32	246	17:56
2025	Dec	16	(Tue)	06:06	06:30	114	12:01	49S	17:33	246	17:56
2025	Dec	17	(Wed)	06:07	06:30	114	12:02	49S	17:33	246	17:57
2025	Dec	18	(Thu)	06:07	06:31	114	12:02	49S	17:33	246	17:57
2025	Dec	19	(Fri)	06:08	06:31	114	12:03	49S	17:34	246	17:58
2025	Dec	20	(Sat)	06:08	06:32	114	12:03	49S	17:34	246	17:58
2025	Dec	21	(Sun)	06:09	06:33	114	12:04	49S	17:35	246	17:59
2025	Dec	22	(Mon)	06:09	06:33	114	12:04	49S	17:35	246	17:59
2025	Dec	23	(Tue)	06:10	06:34	114	12:05	49S	17:36	246	18:00
2025	Dec	24	(Wed)	06:10	06:34	114	12:05	49S	17:36	246	18:00
2025	Dec	25	(Thu)	06:11	06:34	114	12:06	49S	17:37	246	18:01
2025	Dec	26	(Fri)	06:11	06:35	114	12:06	49S	17:37	246	18:01
2025	Dec	27	(Sat)	06:12	06:35	114	12:07	49S	17:38	246	18:02
2025	Dec	28	(Sun)	06:12	06:36	114	12:07	49S	17:39	246	18:02
2025	Dec	29	(Mon)	06:12	06:36	114	12:08	49S	17:39	246	18:03
2025	Dec	30	(Tue)	06:13	06:37	114	12:08	49S	17:40	246	18:03
2025	Dec	31	(Wed)	06:13	06:37	114	12:09	49S	17:40	246	18:04

Moon

BuengKan

Location: E103°35'34.8", N18°13'08.4", 0m
(Longitude referred to Greenwich meridian)

Time Zone: 7h 00m east of Greenwich

Date (Zone)	Rise	Az.	Transit	Alt.	Set	Az.
	h	m	°	h	m	°
2025 Jan 01 (Wed)	07:48	117	13:23	47S	19:01	244
2025 Jan 02 (Thu)	08:37	113	14:18	51S	20:02	249
2025 Jan 03 (Fri)	09:21	108	15:09	56S	21:01	255
2025 Jan 04 (Sat)	10:02	102	15:58	63S	21:59	262
2025 Jan 05 (Sun)	10:40	95	16:46	70S	22:56	269
2025 Jan 06 (Mon)	11:18	87	17:33	77S	23:52	276
2025 Jan 07 (Tue)	11:57	80	18:21	83S		
2025 Jan 08 (Wed)	12:38	74	19:12	90S	00:50	283
2025 Jan 09 (Thu)	13:23	68	20:06	86N	01:51	290
2025 Jan 10 (Fri)	14:13	63	21:04	83N	02:54	295
2025 Jan 11 (Sat)	15:09	61	22:05	81N	03:59	298
2025 Jan 12 (Sun)	16:09	60	23:07	80N	05:03	300
2025 Jan 13 (Mon)	17:12	61			06:03	299
2025 Jan 14 (Tue)	18:13	65	00:06	82N	06:57	297
2025 Jan 15 (Wed)	19:12	69	01:01	86N	07:45	293
2025 Jan 16 (Thu)	20:06	75	01:51	90N	08:27	288
2025 Jan 17 (Fri)	20:58	81	02:37	86S	09:04	282
2025 Jan 18 (Sat)	21:46	87	03:20	80S	09:37	276
2025 Jan 19 (Sun)	22:34	93	04:00	74S	10:09	270
2025 Jan 20 (Mon)	23:21	99	04:39	68S	10:41	264
2025 Jan 21 (Tue)			05:19	62S	11:13	258
2025 Jan 22 (Wed)	00:09	105	06:00	57S	11:47	253
2025 Jan 23 (Thu)	00:59	110	06:43	52S	12:24	248
2025 Jan 24 (Fri)	01:52	114	07:30	48S	13:06	244
2025 Jan 25 (Sat)	02:47	118	08:21	45S	13:53	241
2025 Jan 26 (Sun)	03:44	120	09:15	43S	14:46	240
2025 Jan 27 (Mon)	04:41	120	10:12	44S	15:44	240
2025 Jan 28 (Tue)	05:37	119	11:10	45S	16:46	243
2025 Jan 29 (Wed)	06:28	115	12:07	49S	17:48	247
2025 Jan 30 (Thu)	07:15	110	13:01	54S	18:50	253
2025 Jan 31 (Fri)	07:59	104	13:52	60S	19:50	259
2025 Feb 01 (Sat)	08:39	97	14:41	67S	20:49	267
2025 Feb 02 (Sun)	09:18	90	15:30	74S	21:47	274
2025 Feb 03 (Mon)	09:57	82	16:18	82S	22:45	281
2025 Feb 04 (Tue)	10:37	75	17:09	88S	23:45	288
2025 Feb 05 (Wed)	11:21	69	18:02	88N		
2025 Feb 06 (Thu)	12:09	64	18:58	83N	00:47	294

2025 Feb 07 (Fri)	13:02	61	19:57	81N	01:51	298
2025 Feb 08 (Sat)	14:00	60	20:57	80N	02:54	300
2025 Feb 09 (Sun)	15:01	61	21:56	81N	03:54	300
2025 Feb 10 (Mon)	16:01	63	22:52	84N	04:50	298
2025 Feb 11 (Tue)	17:00	67	23:43	88N	05:39	295
2025 Feb 12 (Wed)	17:56	72			06:22	290
2025 Feb 13 (Thu)	18:48	78	00:30	88S	07:01	285
2025 Feb 14 (Fri)	19:38	84	01:14	82S	07:35	279
2025 Feb 15 (Sat)	20:26	91	01:55	76S	08:08	272
2025 Feb 16 (Sun)	21:14	97	02:35	70S	08:40	266
2025 Feb 17 (Mon)	22:01	103	03:14	64S	09:11	260
2025 Feb 18 (Tue)	22:51	108	03:55	59S	09:44	255
2025 Feb 19 (Wed)	23:42	113	04:37	54S	10:20	249
2025 Feb 20 (Thu)			05:22	49S	10:59	245
2025 Feb 21 (Fri)	00:35	117	06:10	46S	11:43	242
2025 Feb 22 (Sat)	01:31	119	07:02	44S	12:33	240
2025 Feb 23 (Sun)	02:27	120	07:57	43S	13:28	240
2025 Feb 24 (Mon)	03:22	120	08:54	44S	14:27	241
2025 Feb 25 (Tue)	04:15	117	09:51	47S	15:29	245
2025 Feb 26 (Wed)	05:04	113	10:46	51S	16:31	250
2025 Feb 27 (Thu)	05:50	107	11:39	57S	17:33	256
2025 Feb 28 (Fri)	06:32	100	12:30	64S	18:33	263
2025 Mar 01 (Sat)	07:12	93	13:20	71S	19:33	271
2025 Mar 02 (Sun)	07:52	85	14:10	79S	20:34	279
2025 Mar 03 (Mon)	08:33	78	15:02	86S	21:36	286
2025 Mar 04 (Tue)	09:17	71	15:56	89N	22:39	292
2025 Mar 05 (Wed)	10:05	66	16:52	84N	23:44	297
2025 Mar 06 (Thu)	10:58	62	17:52	81N		
2025 Mar 07 (Fri)	11:55	60	18:52	80N	00:48	300
2025 Mar 08 (Sat)	12:55	60	19:51	81N	01:50	300
2025 Mar 09 (Sun)	13:55	62	20:47	83N	02:46	299
2025 Mar 10 (Mon)	14:54	66	21:39	87N	03:36	296
2025 Mar 11 (Tue)	15:50	70	22:27	90S	04:21	292
2025 Mar 12 (Wed)	16:42	76	23:11	84S	05:00	287
2025 Mar 13 (Thu)	17:32	82	23:52	78S	05:35	281
2025 Mar 14 (Fri)	18:21	88			06:08	275
2025 Mar 15 (Sat)	19:08	95	00:32	72S	06:40	269
2025 Mar 16 (Sun)	19:56	101	01:12	66S	07:11	262
2025 Mar 17 (Mon)	20:44	106	01:52	61S	07:44	257
2025 Mar 18 (Tue)	21:35	111	02:33	55S	08:18	251
2025 Mar 19 (Wed)	22:27	115	03:17	51S	08:56	247
2025 Mar 20 (Thu)	23:21	119	04:04	47S	09:38	243
2025 Mar 21 (Fri)			04:54	44S	10:25	241
2025 Mar 22 (Sat)	00:16	120	05:46	43S	11:16	240
2025 Mar 23 (Sun)	01:11	120	06:41	43S	12:12	240
2025 Mar 24 (Mon)	02:03	119	07:37	45S	13:12	243
2025 Mar 25 (Tue)	02:53	115	08:31	49S	14:12	247
2025 Mar 26 (Wed)	03:39	110	09:24	54S	15:13	252
2025 Mar 27 (Thu)	04:22	104	10:15	60S	16:13	259
2025 Mar 28 (Fri)	05:03	97	11:06	67S	17:14	267
2025 Mar 29 (Sat)	05:43	89	11:56	75S	18:15	275
2025 Mar 30 (Sun)	06:24	81	12:48	82S	19:17	283
2025 Mar 31 (Mon)	07:08	74	13:42	89S	20:22	289
2025 Apr 01 (Tue)	07:56	68	14:40	86N	21:29	295
2025 Apr 02 (Wed)	08:48	63	15:41	82N	22:36	299
2025 Apr 03 (Thu)	09:46	60	16:43	80N	23:41	300
2025 Apr 04 (Fri)	10:47	60	17:45	80N		
2025 Apr 05 (Sat)	11:49	61	18:43	82N	00:41	300
2025 Apr 06 (Sun)	12:49	64	19:36	86N	01:34	297
2025 Apr 07 (Mon)	13:45	69	20:25	90N	02:20	293
2025 Apr 08 (Tue)	14:39	74	21:10	86S	03:01	288
2025 Apr 09 (Wed)	15:29	80	21:52	80S	03:37	283
2025 Apr 10 (Thu)	16:17	86	22:32	74S	04:10	277
2025 Apr 11 (Fri)	17:05	92	23:11	68S	04:42	271
2025 Apr 12 (Sat)	17:52	99	23:50	63S	05:13	264
2025 Apr 13 (Sun)	18:40	104			05:45	259
2025 Apr 14 (Mon)	19:30	110	00:31	57S	06:19	253

2025 Apr 15 (Tue)	20:21 114	01:14 52S	06:56 248
2025 Apr 16 (Wed)	21:15 118	02:00 48S	07:36 244
2025 Apr 17 (Thu)	22:10 120	02:49 45S	08:21 241
2025 Apr 18 (Fri)	23:04 120	03:40 44S	09:10 240
2025 Apr 19 (Sat)	23:56 119	04:34 43S	10:04 240
2025 Apr 20 (Sun)		05:28 45S	11:01 242
2025 Apr 21 (Mon)	00:46 117	06:21 47S	12:00 245
2025 Apr 22 (Tue)	01:31 112	07:13 52S	12:58 250
2025 Apr 23 (Wed)	02:14 107	08:03 57S	13:57 256
2025 Apr 24 (Thu)	02:54 100	08:52 64S	14:55 263
2025 Apr 25 (Fri)	03:34 93	09:42 71S	15:54 271
2025 Apr 26 (Sat)	04:14 85	10:32 78S	16:55 278
2025 Apr 27 (Sun)	04:56 78	11:25 86S	17:59 286
2025 Apr 28 (Mon)	05:42 71	12:21 89N	19:06 292
2025 Apr 29 (Tue)	06:33 65	13:22 84N	20:15 297
2025 Apr 30 (Wed)	07:30 61	14:26 81N	21:24 300
2025 May 01 (Thu)	08:32 60	15:31 80N	22:29 300
2025 May 02 (Fri)	09:36 61	16:33 81N	23:26 298
2025 May 03 (Sat)	10:39 63	17:30 84N	
2025 May 04 (Sun)	11:39 67	18:21 89N	00:17 295
2025 May 05 (Mon)	12:34 72	19:08 88S	01:00 290
2025 May 06 (Tue)	13:26 78	19:51 82S	01:38 285
2025 May 07 (Wed)	14:15 84	20:32 76S	02:12 279
2025 May 08 (Thu)	15:02 91	21:11 70S	02:44 273
2025 May 09 (Fri)	15:49 97	21:50 64S	03:16 266
2025 May 10 (Sat)	16:37 103	22:30 59S	03:47 260
2025 May 11 (Sun)	17:26 108	23:12 54S	04:20 255
2025 May 12 (Mon)	18:17 113	23:57 49S	04:56 250
2025 May 13 (Tue)	19:10 117		05:35 245
2025 May 14 (Wed)	20:05 119	00:45 46S	06:19 242
2025 May 15 (Thu)	20:59 120	01:36 44S	07:07 240
2025 May 16 (Fri)	21:52 120	02:29 43S	08:00 240
2025 May 17 (Sat)	22:42 117	03:23 44S	08:56 241
2025 May 18 (Sun)	23:28 114	04:16 47S	09:53 244
2025 May 19 (Mon)		05:08 50S	10:50 248
2025 May 20 (Tue)	00:11 109	05:57 55S	11:47 254
2025 May 21 (Wed)	00:51 103	06:45 61S	12:44 260
2025 May 22 (Thu)	01:29 96	07:32 68S	13:40 267
2025 May 23 (Fri)	02:07 89	08:20 75S	14:38 275
2025 May 24 (Sat)	02:47 81	09:10 82S	15:39 282
2025 May 25 (Sun)	03:30 74	10:04 89S	16:43 289
2025 May 26 (Mon)	04:17 68	11:02 87N	17:50 295
2025 May 27 (Tue)	05:12 63	12:04 83N	19:00 299
2025 May 28 (Wed)	06:12 61	13:10 80N	20:08 300
2025 May 29 (Thu)	07:17 60	14:15 81N	21:11 299
2025 May 30 (Fri)	08:23 62	15:16 83N	22:07 296
2025 May 31 (Sat)	09:26 66	16:12 87N	22:54 292
2025 Jun 01 (Sun)	10:24 71	17:02 90S	23:35 287
2025 Jun 02 (Mon)	11:19 76	17:47 84S	
2025 Jun 03 (Tue)	12:10 82	18:29 78S	00:12 281
2025 Jun 04 (Wed)	12:58 89	19:09 72S	00:45 274
2025 Jun 05 (Thu)	13:45 95	19:49 66S	01:17 268
2025 Jun 06 (Fri)	14:33 101	20:29 61S	01:48 262
2025 Jun 07 (Sat)	15:21 106	21:10 55S	02:21 257
2025 Jun 08 (Sun)	16:12 111	21:54 51S	02:55 251
2025 Jun 09 (Mon)	17:04 115	22:41 47S	03:34 247
2025 Jun 10 (Tue)	17:59 118	23:32 45S	04:16 243
2025 Jun 11 (Wed)	18:54 120		05:03 241
2025 Jun 12 (Thu)	19:48 120	00:25 43S	05:55 240
2025 Jun 13 (Fri)	20:39 118	01:19 44S	06:51 241
2025 Jun 14 (Sat)	21:27 115	02:13 46S	07:48 243
2025 Jun 15 (Sun)	22:10 110	03:05 49S	08:46 247
2025 Jun 16 (Mon)	22:50 105	03:55 54S	09:43 252
2025 Jun 17 (Tue)	23:28 98	04:42 60S	10:38 258
2025 Jun 18 (Wed)		05:29 66S	11:34 265
2025 Jun 19 (Thu)	00:05 91	06:15 73S	12:29 272
2025 Jun 20 (Fri)	00:43 84	07:02 80S	13:27 280

2025 Jun 21 (Sat)	01:23	77	07:53	87S	14:27	287
2025 Jun 22 (Sun)	02:07	71	08:47	89N	15:31	293
2025 Jun 23 (Mon)	02:57	65	09:46	84N	16:39	297
2025 Jun 24 (Tue)	03:54	62	10:49	81N	17:47	300
2025 Jun 25 (Wed)	04:56	60	11:55	80N	18:52	300
2025 Jun 26 (Thu)	06:02	61	12:58	82N	19:52	298
2025 Jun 27 (Fri)	07:07	64	13:58	85N	20:44	294
2025 Jun 28 (Sat)	08:09	68	14:51	90N	21:29	289
2025 Jun 29 (Sun)	09:07	74	15:40	86S	22:08	283
2025 Jun 30 (Mon)	10:01	80	16:24	80S	22:43	277
2025 Jul 01 (Tue)	10:51	86	17:05	74S	23:16	270
2025 Jul 02 (Wed)	11:39	93	17:45	68S	23:48	264
2025 Jul 03 (Thu)	12:27	99	18:25	62S		
2025 Jul 04 (Fri)	13:15	105	19:06	57S	00:20	258
2025 Jul 05 (Sat)	14:05	110	19:49	52S	00:54	253
2025 Jul 06 (Sun)	14:57	114	20:35	48S	01:31	248
2025 Jul 07 (Mon)	15:51	118	21:25	45S	02:11	244
2025 Jul 08 (Tue)	16:46	120	22:17	44S	02:57	241
2025 Jul 09 (Wed)	17:41	120	23:11	44S	03:48	240
2025 Jul 10 (Thu)	18:34	119			04:43	240
2025 Jul 11 (Fri)	19:23	116	00:06	45S	05:40	242
2025 Jul 12 (Sat)	20:09	112	01:00	48S	06:39	246
2025 Jul 13 (Sun)	20:50	106	01:51	52S	07:37	251
2025 Jul 14 (Mon)	21:29	100	02:40	58S	08:34	257
2025 Jul 15 (Tue)	22:06	93	03:27	64S	09:30	263
2025 Jul 16 (Wed)	22:44	86	04:13	71S	10:25	271
2025 Jul 17 (Thu)	23:22	79	05:00	78S	11:21	278
2025 Jul 18 (Fri)			05:48	85S	12:20	285
2025 Jul 19 (Sat)	00:04	72	06:40	91N	13:21	291
2025 Jul 20 (Sun)	00:50	67	07:36	86N	14:25	296
2025 Jul 21 (Mon)	01:43	63	08:36	82N	15:31	299
2025 Jul 22 (Tue)	02:41	60	09:39	80N	16:37	300
2025 Jul 23 (Wed)	03:45	60	10:42	81N	17:38	299
2025 Jul 24 (Thu)	04:50	62	11:43	83N	18:32	296
2025 Jul 25 (Fri)	05:53	66	12:39	87N	19:20	291
2025 Jul 26 (Sat)	06:53	71	13:30	89S	20:02	286
2025 Jul 27 (Sun)	07:49	77	14:16	83S	20:39	279
2025 Jul 28 (Mon)	08:41	84	14:59	77S	21:13	273
2025 Jul 29 (Tue)	09:31	90	15:40	71S	21:46	267
2025 Jul 30 (Wed)	10:19	96	16:21	65S	22:18	261
2025 Jul 31 (Thu)	11:08	102	17:02	59S	22:52	255
2025 Aug 01 (Fri)	11:57	108	17:44	54S	23:27	250
2025 Aug 02 (Sat)	12:48	113	18:29	50S		
2025 Aug 03 (Sun)	13:41	116	19:16	46S	00:06	245
2025 Aug 04 (Mon)	14:36	119	20:07	44S	00:50	242
2025 Aug 05 (Tue)	15:31	120	21:01	43S	01:38	240
2025 Aug 06 (Wed)	16:25	120	21:56	44S	02:31	240
2025 Aug 07 (Thu)	17:16	117	22:50	47S	03:28	241
2025 Aug 08 (Fri)	18:03	114	23:43	51S	04:27	244
2025 Aug 09 (Sat)	18:47	109			05:27	249
2025 Aug 10 (Sun)	19:27	102	00:34	56S	06:25	254
2025 Aug 11 (Mon)	20:06	95	01:23	62S	07:22	261
2025 Aug 12 (Tue)	20:44	88	02:10	69S	08:19	268
2025 Aug 13 (Wed)	21:22	81	02:57	76S	09:16	276
2025 Aug 14 (Thu)	22:03	74	03:46	83S	10:14	283
2025 Aug 15 (Fri)	22:48	68	04:37	89S	11:15	289
2025 Aug 16 (Sat)	23:38	64	05:31	87N	12:18	295
2025 Aug 17 (Sun)			06:29	83N	13:23	298
2025 Aug 18 (Mon)	00:34	61	07:30	81N	14:28	300
2025 Aug 19 (Tue)	01:34	60	08:32	80N	15:29	300
2025 Aug 20 (Wed)	02:37	61	09:32	82N	16:25	297
2025 Aug 21 (Thu)	03:40	64	10:29	86N	17:14	293
2025 Aug 22 (Fri)	04:41	69	11:21	90N	17:57	288
2025 Aug 23 (Sat)	05:38	75	12:09	85S	18:36	282
2025 Aug 24 (Sun)	06:31	81	12:53	79S	19:11	276
2025 Aug 25 (Mon)	07:22	87	13:35	73S	19:44	269
2025 Aug 26 (Tue)	08:11	94	14:16	67S	20:17	263

2025 Aug 27 (Wed)	09:00	100	14:57	61S	20:50	257
2025 Aug 28 (Thu)	09:49	106	15:38	56S	21:24	252
2025 Aug 29 (Fri)	10:40	111	16:22	51S	22:02	247
2025 Aug 30 (Sat)	11:32	115	17:09	47S	22:43	243
2025 Aug 31 (Sun)	12:25	118	17:58	45S	23:29	241
2025 Sep 01 (Mon)	13:20	120	18:50	43S		
2025 Sep 02 (Tue)	14:13	120	19:44	43S	00:20	240
2025 Sep 03 (Wed)	15:05	119	20:38	45S	01:15	240
2025 Sep 04 (Thu)	15:54	116	21:31	48S	02:12	242
2025 Sep 05 (Fri)	16:39	111	22:23	53S	03:11	246
2025 Sep 06 (Sat)	17:21	105	23:13	59S	04:10	252
2025 Sep 07 (Sun)	18:01	98			05:09	258
2025 Sep 08 (Mon)	18:40	91	00:02	66S	06:07	265
2025 Sep 09 (Tue)	19:19	84	00:50	73S	07:05	273
2025 Sep 10 (Wed)	20:00	76	01:39	80S	08:04	280
2025 Sep 11 (Thu)	20:45	70	02:31	87S	09:06	287
2025 Sep 12 (Fri)	21:34	65	03:25	88N	10:10	293
2025 Sep 13 (Sat)	22:29	61	04:23	84N	11:16	297
2025 Sep 14 (Sun)	23:28	60	05:24	81N	12:21	300
2025 Sep 15 (Mon)			06:26	80N	13:24	300
2025 Sep 16 (Tue)	00:31	60	07:27	81N	14:21	298
2025 Sep 17 (Wed)	01:33	63	08:24	84N	15:11	295
2025 Sep 18 (Thu)	02:33	67	09:16	89N	15:55	290
2025 Sep 19 (Fri)	03:30	73	10:05	88S	16:34	284
2025 Sep 20 (Sat)	04:24	79	10:49	82S	17:10	278
2025 Sep 21 (Sun)	05:15	85	11:31	76S	17:44	272
2025 Sep 22 (Mon)	06:04	91	12:12	69S	18:16	265
2025 Sep 23 (Tue)	06:53	98	12:53	63S	18:49	259
2025 Sep 24 (Wed)	07:42	104	13:34	58S	19:23	254
2025 Sep 25 (Thu)	08:32	109	14:17	53S	19:59	249
2025 Sep 26 (Fri)	09:24	114	15:03	49S	20:39	245
2025 Sep 27 (Sat)	10:16	117	15:51	46S	21:23	242
2025 Sep 28 (Sun)	11:10	119	16:41	44S	22:11	240
2025 Sep 29 (Mon)	12:03	120	17:33	43S	23:03	240
2025 Sep 30 (Tue)	12:55	120	18:26	44S	23:59	241
2025 Oct 01 (Wed)	13:44	117	19:19	47S		
2025 Oct 02 (Thu)	14:30	113	20:10	51S	00:56	244
2025 Oct 03 (Fri)	15:13	108	21:00	56S	01:54	249
2025 Oct 04 (Sat)	15:53	102	21:49	62S	02:52	255
2025 Oct 05 (Sun)	16:32	95	22:38	69S	03:49	261
2025 Oct 06 (Mon)	17:12	87	23:27	77S	04:48	269
2025 Oct 07 (Tue)	17:52	80			05:47	277
2025 Oct 08 (Wed)	18:37	73	00:18	84S	06:49	284
2025 Oct 09 (Thu)	19:25	67	01:13	90S	07:54	291
2025 Oct 10 (Fri)	20:20	62	02:11	86N	09:02	296
2025 Oct 11 (Sat)	21:20	60	03:14	82N	10:10	299
2025 Oct 12 (Sun)	22:23	60	04:18	80N	11:16	300
2025 Oct 13 (Mon)	23:27	62	05:20	81N	12:16	299
2025 Oct 14 (Tue)			06:19	83N	13:09	296
2025 Oct 15 (Wed)	00:28	66	07:14	87N	13:55	292
2025 Oct 16 (Thu)	01:26	71	08:03	89S	14:35	286
2025 Oct 17 (Fri)	02:20	77	08:48	84S	15:12	280
2025 Oct 18 (Sat)	03:11	83	09:30	78S	15:45	274
2025 Oct 19 (Sun)	04:00	89	10:11	71S	16:18	268
2025 Oct 20 (Mon)	04:49	96	10:51	65S	16:50	261
2025 Oct 21 (Tue)	05:37	102	11:32	60S	17:23	256
2025 Oct 22 (Wed)	06:27	107	12:14	55S	17:59	250
2025 Oct 23 (Thu)	07:18	112	12:59	50S	18:37	246
2025 Oct 24 (Fri)	08:10	116	13:46	47S	19:20	243
2025 Oct 25 (Sat)	09:03	119	14:35	44S	20:06	241
2025 Oct 26 (Sun)	09:57	120	15:27	43S	20:57	240
2025 Oct 27 (Mon)	10:48	120	16:19	44S	21:50	241
2025 Oct 28 (Tue)	11:38	118	17:11	46S	22:46	243
2025 Oct 29 (Wed)	12:23	115	18:01	49S	23:42	247
2025 Oct 30 (Thu)	13:06	110	18:50	54S		
2025 Oct 31 (Fri)	13:46	105	19:38	59S	00:38	252
2025 Nov 01 (Sat)	14:24	98	20:25	66S	01:33	258

2025 Nov 02 (Sun)	15:02	91	21:12	73S	02:30	265
2025 Nov 03 (Mon)	15:42	84	22:02	80S	03:27	273
2025 Nov 04 (Tue)	16:24	76	22:55	87S	04:27	280
2025 Nov 05 (Wed)	17:11	70	23:52	88N	05:31	287
2025 Nov 06 (Thu)	18:04	64			06:39	293
2025 Nov 07 (Fri)	19:03	61	00:55	84N	07:49	298
2025 Nov 08 (Sat)	20:08	60	02:00	81N	08:59	300
2025 Nov 09 (Sun)	21:14	61	03:06	80N	10:04	300
2025 Nov 10 (Mon)	22:19	65	04:10	82N	11:02	297
2025 Nov 11 (Tue)	23:20	69	05:07	86N	11:52	293
2025 Nov 12 (Wed)			05:59	91N	12:35	288
2025 Nov 13 (Thu)	00:16	75	06:46	85S	13:13	282
2025 Nov 14 (Fri)	01:08	81	07:30	79S	13:47	276
2025 Nov 15 (Sat)	01:58	87	08:11	73S	14:20	269
2025 Nov 16 (Sun)	02:46	94	08:51	67S	14:52	263
2025 Nov 17 (Mon)	03:34	100	09:31	61S	15:25	257
2025 Nov 18 (Tue)	04:23	105	10:13	56S	15:59	252
2025 Nov 19 (Wed)	05:13	111	10:56	51S	16:37	247
2025 Nov 20 (Thu)	06:05	115	11:43	48S	17:18	244
2025 Nov 21 (Fri)	06:58	118	12:31	45S	18:03	241
2025 Nov 22 (Sat)	07:52	120	13:22	44S	18:53	240
2025 Nov 23 (Sun)	08:44	120	14:14	44S	19:45	240
2025 Nov 24 (Mon)	09:34	119	15:06	45S	20:40	242
2025 Nov 25 (Tue)	10:20	116	15:57	48S	21:35	246
2025 Nov 26 (Wed)	11:03	112	16:45	52S	22:30	250
2025 Nov 27 (Thu)	11:43	107	17:32	57S	23:24	256
2025 Nov 28 (Fri)	12:20	101	18:17	63S		
2025 Nov 29 (Sat)	12:57	94	19:02	70S	00:18	262
2025 Nov 30 (Sun)	13:34	87	19:49	77S	01:12	269
2025 Dec 01 (Mon)	14:13	80	20:38	84S	02:09	277
2025 Dec 02 (Tue)	14:57	73	21:32	90S	03:09	284
2025 Dec 03 (Wed)	15:45	67	22:31	86N	04:13	290
2025 Dec 04 (Thu)	16:42	63	23:36	82N	05:22	295
2025 Dec 05 (Fri)	17:45	60			06:32	299
2025 Dec 06 (Sat)	18:52	61	00:43	81N	07:42	300
2025 Dec 07 (Sun)	20:01	63	01:50	81N	08:45	298
2025 Dec 08 (Mon)	21:06	67	02:53	84N	09:41	295
2025 Dec 09 (Tue)	22:06	73	03:49	89N	10:29	290
2025 Dec 10 (Wed)	23:01	79	04:40	87S	11:10	284
2025 Dec 11 (Thu)	23:53	85	05:26	81S	11:46	278
2025 Dec 12 (Fri)			06:09	75S	12:20	271
2025 Dec 13 (Sat)	00:42	92	06:50	69S	12:53	265
2025 Dec 14 (Sun)	01:31	98	07:30	63S	13:26	259
2025 Dec 15 (Mon)	02:19	104	08:11	58S	14:00	254
2025 Dec 16 (Tue)	03:09	109	08:54	53S	14:36	249
2025 Dec 17 (Wed)	04:00	114	09:39	49S	15:16	245
2025 Dec 18 (Thu)	04:53	117	10:27	46S	16:00	242
2025 Dec 19 (Fri)	05:47	119	11:18	44S	16:49	240
2025 Dec 20 (Sat)	06:40	120	12:10	44S	17:41	240
2025 Dec 21 (Sun)	07:31	119	13:02	45S	18:35	242
2025 Dec 22 (Mon)	08:19	117	13:54	47S	19:31	245
2025 Dec 23 (Tue)	09:03	113	14:43	51S	20:26	249
2025 Dec 24 (Wed)	09:43	108	15:30	56S	21:20	254
2025 Dec 25 (Thu)	10:21	103	16:15	62S	22:13	260
2025 Dec 26 (Fri)	10:57	96	16:59	68S	23:06	267
2025 Dec 27 (Sat)	11:32	89	17:44	74S	24:00	274
2025 Dec 28 (Sun)	12:09	83	18:30	81S		
2025 Dec 29 (Mon)	12:49	76	19:20	88S	00:56	281
2025 Dec 30 (Tue)	13:33	70	20:14	88N	01:56	288
2025 Dec 31 (Wed)	14:24	65	21:14	84N	03:00	293