

Sun

Yala

Location: E101°10'51.5", N 6°31'22.7", 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)	05:38	06:26 113		12:19 61S	18:11 247		19:00
2025 Jan 02 (Thu)	05:38	06:27 113		12:19 61S	18:12 247		19:01
2025 Jan 03 (Fri)	05:38	06:27 113		12:20 61S	18:13 247		19:01
2025 Jan 04 (Sat)	05:39	06:27 113		12:20 61S	18:13 247		19:02
2025 Jan 05 (Sun)	05:39	06:28 113		12:21 62S	18:14 247		19:02
2025 Jan 06 (Mon)	05:40	06:28 113		12:21 62S	18:14 248		19:03
2025 Jan 07 (Tue)	05:40	06:29 112		12:22 62S	18:15 248		19:03
2025 Jan 08 (Wed)	05:41	06:29 112		12:22 62S	18:15 248		19:03
2025 Jan 09 (Thu)	05:41	06:29 112		12:22 62S	18:16 248		19:04
2025 Jan 10 (Fri)	05:41	06:30 112		12:23 62S	18:16 248		19:04
2025 Jan 11 (Sat)	05:42	06:30 112		12:23 62S	18:16 248		19:05
2025 Jan 12 (Sun)	05:42	06:30 112		12:24 63S	18:17 248		19:05
2025 Jan 13 (Mon)	05:42	06:31 112		12:24 63S	18:17 249		19:06
2025 Jan 14 (Tue)	05:43	06:31 111		12:24 63S	18:18 249		19:06
2025 Jan 15 (Wed)	05:43	06:31 111		12:25 63S	18:18 249		19:06
2025 Jan 16 (Thu)	05:43	06:31 111		12:25 63S	18:19 249		19:07
2025 Jan 17 (Fri)	05:44	06:32 111		12:25 63S	18:19 249		19:07
2025 Jan 18 (Sat)	05:44	06:32 111		12:26 64S	18:20 250		19:07
2025 Jan 19 (Sun)	05:44	06:32 110		12:26 64S	18:20 250		19:08
2025 Jan 20 (Mon)	05:44	06:32 110		12:26 64S	18:20 250		19:08
2025 Jan 21 (Tue)	05:45	06:32 110		12:27 64S	18:21 250		19:08
2025 Jan 22 (Wed)	05:45	06:33 110		12:27 65S	18:21 250		19:09
2025 Jan 23 (Thu)	05:45	06:33 109		12:27 65S	18:22 251		19:09
2025 Jan 24 (Fri)	05:45	06:33 109		12:27 65S	18:22 251		19:09
2025 Jan 25 (Sat)	05:46	06:33 109		12:28 65S	18:22 251		19:10
2025 Jan 26 (Sun)	05:46	06:33 109		12:28 66S	18:23 251		19:10
2025 Jan 27 (Mon)	05:46	06:33 108		12:28 66S	18:23 252		19:10
2025 Jan 28 (Tue)	05:46	06:33 108		12:28 66S	18:23 252		19:10
2025 Jan 29 (Wed)	05:46	06:33 108		12:28 66S	18:24 252		19:11
2025 Jan 30 (Thu)	05:46	06:33 108		12:29 67S	18:24 252		19:11
2025 Jan 31 (Fri)	05:46	06:33 107		12:29 67S	18:24 253		19:11
2025 Feb 01 (Sat)	05:46	06:33 107		12:29 67S	18:24 253		19:11
2025 Feb 02 (Sun)	05:47	06:33 107		12:29 67S	18:25 253		19:11
2025 Feb 03 (Mon)	05:47	06:33 107		12:29 68S	18:25 254		19:12
2025 Feb 04 (Tue)	05:47	06:33 106		12:29 68S	18:25 254		19:12
2025 Feb 05 (Wed)	05:47	06:33 106		12:29 68S	18:25 254		19:12
2025 Feb 06 (Thu)	05:47	06:33 106		12:29 69S	18:26 255		19:12
2025 Feb 07 (Fri)	05:47	06:33 105		12:29 69S	18:26 255		19:12
2025 Feb 08 (Sat)	05:47	06:33 105		12:29 69S	18:26 255		19:12
2025 Feb 09 (Sun)	05:46	06:33 105		12:29 70S	18:26 255		19:12
2025 Feb 10 (Mon)	05:46	06:33 104		12:29 70S	18:26 256		19:13
2025 Feb 11 (Tue)	05:46	06:33 104		12:29 70S	18:26 256		19:13
2025 Feb 12 (Wed)	05:46	06:32 104		12:29 71S	18:27 256		19:13
2025 Feb 13 (Thu)	05:46	06:32 103		12:29 71S	18:27 257		19:13
2025 Feb 14 (Fri)	05:46	06:32 103		12:29 71S	18:27 257		19:13
2025 Feb 15 (Sat)	05:46	06:32 103		12:29 72S	18:27 258		19:13
2025 Feb 16 (Sun)	05:46	06:32 102		12:29 72S	18:27 258		19:13
2025 Feb 17 (Mon)	05:46	06:31 102		12:29 72S	18:27 258		19:13
2025 Feb 18 (Tue)	05:45	06:31 102		12:29 73S	18:27 259		19:13
2025 Feb 19 (Wed)	05:45	06:31 101		12:29 73S	18:27 259		19:13
2025 Feb 20 (Thu)	05:45	06:31 101		12:29 73S	18:27 259		19:13
2025 Feb 21 (Fri)	05:45	06:30 101		12:29 74S	18:27 260		19:13
2025 Feb 22 (Sat)	05:44	06:30 100		12:29 74S	18:27 260		19:13
2025 Feb 23 (Sun)	05:44	06:30 100		12:29 74S	18:28 260		19:13
2025 Feb 24 (Mon)	05:44	06:29 99		12:28 75S	18:28 261		19:13

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

2025	May	03	(Sat)	05:14	06:01	74	12:12	81N	18:23	286	19:10
2025	May	04	(Sun)	05:14	06:01	74	12:12	81N	18:23	286	19:10
2025	May	05	(Mon)	05:14	06:01	74	12:12	81N	18:23	287	19:10
2025	May	06	(Tue)	05:13	06:01	73	12:12	81N	18:23	287	19:10
2025	May	07	(Wed)	05:13	06:00	73	12:12	80N	18:23	287	19:11
2025	May	08	(Thu)	05:13	06:00	73	12:12	80N	18:23	287	19:11
2025	May	09	(Fri)	05:13	06:00	72	12:12	80N	18:23	288	19:11
2025	May	10	(Sat)	05:12	06:00	72	12:12	80N	18:24	288	19:11
2025	May	11	(Sun)	05:12	06:00	72	12:12	79N	18:24	288	19:11
2025	May	12	(Mon)	05:12	06:00	72	12:12	79N	18:24	288	19:11
2025	May	13	(Tue)	05:12	05:59	71	12:12	79N	18:24	289	19:12
2025	May	14	(Wed)	05:11	05:59	71	12:12	79N	18:24	289	19:12
2025	May	15	(Thu)	05:11	05:59	71	12:12	78N	18:24	289	19:12
2025	May	16	(Fri)	05:11	05:59	71	12:12	78N	18:24	289	19:12
2025	May	17	(Sat)	05:11	05:59	70	12:12	78N	18:24	290	19:12
2025	May	18	(Sun)	05:11	05:59	70	12:12	78N	18:25	290	19:13
2025	May	19	(Mon)	05:11	05:59	70	12:12	77N	18:25	290	19:13
2025	May	20	(Tue)	05:11	05:59	70	12:12	77N	18:25	290	19:13
2025	May	21	(Wed)	05:10	05:59	70	12:12	77N	18:25	291	19:13
2025	May	22	(Thu)	05:10	05:59	69	12:12	77N	18:25	291	19:14
2025	May	23	(Fri)	05:10	05:59	69	12:12	77N	18:25	291	19:14
2025	May	24	(Sat)	05:10	05:59	69	12:12	76N	18:26	291	19:14
2025	May	25	(Sun)	05:10	05:59	69	12:12	76N	18:26	291	19:14
2025	May	26	(Mon)	05:10	05:59	69	12:12	76N	18:26	291	19:15
2025	May	27	(Tue)	05:10	05:59	68	12:12	76N	18:26	292	19:15
2025	May	28	(Wed)	05:10	05:59	68	12:13	76N	18:27	292	19:15
2025	May	29	(Thu)	05:10	05:59	68	12:13	76N	18:27	292	19:16
2025	May	30	(Fri)	05:10	05:59	68	12:13	75N	18:27	292	19:16
2025	May	31	(Sat)	05:10	05:59	68	12:13	75N	18:27	292	19:16
2025	Jun	01	(Sun)	05:10	05:59	68	12:13	75N	18:27	292	19:16
2025	Jun	02	(Mon)	05:10	05:59	68	12:13	75N	18:28	293	19:17
2025	Jun	03	(Tue)	05:10	05:59	67	12:13	75N	18:28	293	19:17
2025	Jun	04	(Wed)	05:10	05:59	67	12:14	75N	18:28	293	19:17
2025	Jun	05	(Thu)	05:10	05:59	67	12:14	75N	18:28	293	19:18
2025	Jun	06	(Fri)	05:10	05:59	67	12:14	75N	18:29	293	19:18
2025	Jun	07	(Sat)	05:10	06:00	67	12:14	74N	18:29	293	19:18
2025	Jun	08	(Sun)	05:10	06:00	67	12:14	74N	18:29	293	19:18
2025	Jun	09	(Mon)	05:11	06:00	67	12:15	74N	18:29	293	19:19
2025	Jun	10	(Tue)	05:11	06:00	67	12:15	74N	18:30	293	19:19
2025	Jun	11	(Wed)	05:11	06:00	67	12:15	74N	18:30	293	19:19
2025	Jun	12	(Thu)	05:11	06:00	67	12:15	74N	18:30	293	19:19
2025	Jun	13	(Fri)	05:11	06:00	67	12:15	74N	18:30	294	19:20
2025	Jun	14	(Sat)	05:11	06:01	66	12:16	74N	18:31	294	19:20
2025	Jun	15	(Sun)	05:11	06:01	66	12:16	74N	18:31	294	19:20
2025	Jun	16	(Mon)	05:12	06:01	66	12:16	74N	18:31	294	19:20
2025	Jun	17	(Tue)	05:12	06:01	66	12:16	74N	18:31	294	19:21
2025	Jun	18	(Wed)	05:12	06:01	66	12:16	74N	18:31	294	19:21
2025	Jun	19	(Thu)	05:12	06:02	66	12:17	74N	18:32	294	19:21
2025	Jun	20	(Fri)	05:12	06:02	66	12:17	74N	18:32	294	19:21
2025	Jun	21	(Sat)	05:13	06:02	66	12:17	74N	18:32	294	19:22
2025	Jun	22	(Sun)	05:13	06:02	66	12:17	74N	18:32	294	19:22
2025	Jun	23	(Mon)	05:13	06:02	66	12:18	74N	18:33	294	19:22
2025	Jun	24	(Tue)	05:13	06:03	66	12:18	74N	18:33	294	19:22
2025	Jun	25	(Wed)	05:13	06:03	66	12:18	74N	18:33	294	19:22
2025	Jun	26	(Thu)	05:14	06:03	66	12:18	74N	18:33	294	19:23
2025	Jun	27	(Fri)	05:14	06:03	66	12:18	74N	18:33	294	19:23
2025	Jun	28	(Sat)	05:14	06:04	66	12:19	74N	18:34	294	19:23
2025	Jun	29	(Sun)	05:14	06:04	67	12:19	74N	18:34	293	19:23
2025	Jun	30	(Mon)	05:15	06:04	67	12:19	74N	18:34	293	19:23
2025	Jul	01	(Tue)	05:15	06:04	67	12:19	74N	18:34	293	19:23
2025	Jul	02	(Wed)	05:15	06:05	67	12:19	74N	18:34	293	19:23
2025	Jul	03	(Thu)	05:15	06:05	67	12:20	74N	18:34	293	19:24
2025	Jul	04	(Fri)	05:16	06:05	67	12:20	74N	18:34	293	19:24
2025	Jul	05	(Sat)	05:16	06:05	67	12:20	74N	18:35	293	19:24
2025	Jul	06	(Sun)	05:16	06:05	67	12:20	75N	18:35	293	19:24
2025	Jul	07	(Mon)	05:17	06:06	67	12:20	75N	18:35	293	19:24
2025	Jul	08	(Tue)	05:17	06:06	67	12:20	75N	18:35	293	19:24

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

2025 Sep 14 (Sun)	05:21	06:06	86	12:11	87S	18:16	273	19:01
2025 Sep 15 (Mon)	05:21	06:06	87	12:11	87S	18:15	273	19:00
2025 Sep 16 (Tue)	05:21	06:06	87	12:10	87S	18:15	273	19:00
2025 Sep 17 (Wed)	05:20	06:06	88	12:10	86S	18:14	272	18:59
2025 Sep 18 (Thu)	05:20	06:05	88	12:09	86S	18:13	272	18:58
2025 Sep 19 (Fri)	05:20	06:05	88	12:09	86S	18:13	271	18:58
2025 Sep 20 (Sat)	05:20	06:05	89	12:09	85S	18:12	271	18:57
2025 Sep 21 (Sun)	05:20	06:05	89	12:08	85S	18:12	271	18:57
2025 Sep 22 (Mon)	05:20	06:05	90	12:08	84S	18:11	270	18:56
2025 Sep 23 (Tue)	05:19	06:04	90	12:08	84S	18:11	270	18:56
2025 Sep 24 (Wed)	05:19	06:04	90	12:07	84S	18:10	269	18:55
2025 Sep 25 (Thu)	05:19	06:04	91	12:07	83S	18:10	269	18:55
2025 Sep 26 (Fri)	05:19	06:04	91	12:07	83S	18:09	269	18:54
2025 Sep 27 (Sat)	05:19	06:04	92	12:06	82S	18:09	268	18:54
2025 Sep 28 (Sun)	05:19	06:04	92	12:06	82S	18:08	268	18:53
2025 Sep 29 (Mon)	05:18	06:03	92	12:06	82S	18:08	267	18:53
2025 Sep 30 (Tue)	05:18	06:03	93	12:05	81S	18:07	267	18:52
2025 Oct 01 (Wed)	05:18	06:03	93	12:05	81S	18:07	267	18:52
2025 Oct 02 (Thu)	05:18	06:03	94	12:05	81S	18:06	266	18:51
2025 Oct 03 (Fri)	05:18	06:03	94	12:04	80S	18:06	266	18:51
2025 Oct 04 (Sat)	05:18	06:03	94	12:04	80S	18:05	266	18:50
2025 Oct 05 (Sun)	05:18	06:03	95	12:04	79S	18:05	265	18:50
2025 Oct 06 (Mon)	05:17	06:02	95	12:03	79S	18:04	265	18:49
2025 Oct 07 (Tue)	05:17	06:02	95	12:03	79S	18:04	264	18:49
2025 Oct 08 (Wed)	05:17	06:02	96	12:03	78S	18:03	264	18:48
2025 Oct 09 (Thu)	05:17	06:02	96	12:03	78S	18:03	264	18:48
2025 Oct 10 (Fri)	05:17	06:02	97	12:02	77S	18:02	263	18:48
2025 Oct 11 (Sat)	05:17	06:02	97	12:02	77S	18:02	263	18:47
2025 Oct 12 (Sun)	05:17	06:02	97	12:02	77S	18:02	262	18:47
2025 Oct 13 (Mon)	05:16	06:02	98	12:02	76S	18:01	262	18:47
2025 Oct 14 (Tue)	05:16	06:02	98	12:01	76S	18:01	262	18:46
2025 Oct 15 (Wed)	05:16	06:02	98	12:01	76S	18:00	261	18:46
2025 Oct 16 (Thu)	05:16	06:02	99	12:01	75S	18:00	261	18:45
2025 Oct 17 (Fri)	05:16	06:02	99	12:01	75S	18:00	261	18:45
2025 Oct 18 (Sat)	05:16	06:02	100	12:00	74S	17:59	260	18:45
2025 Oct 19 (Sun)	05:16	06:02	100	12:00	74S	17:59	260	18:45
2025 Oct 20 (Mon)	05:16	06:02	100	12:00	74S	17:59	260	18:44
2025 Oct 21 (Tue)	05:16	06:02	101	12:00	73S	17:58	259	18:44
2025 Oct 22 (Wed)	05:16	06:02	101	12:00	73S	17:58	259	18:44
2025 Oct 23 (Thu)	05:16	06:02	101	12:00	73S	17:58	258	18:43
2025 Oct 24 (Fri)	05:16	06:02	102	11:59	72S	17:57	258	18:43
2025 Oct 25 (Sat)	05:16	06:02	102	11:59	72S	17:57	258	18:43
2025 Oct 26 (Sun)	05:16	06:02	102	11:59	72S	17:57	257	18:43
2025 Oct 27 (Mon)	05:16	06:02	103	11:59	71S	17:57	257	18:43
2025 Oct 28 (Tue)	05:16	06:02	103	11:59	71S	17:56	257	18:42
2025 Oct 29 (Wed)	05:16	06:02	103	11:59	71S	17:56	256	18:42
2025 Oct 30 (Thu)	05:16	06:02	104	11:59	70S	17:56	256	18:42
2025 Oct 31 (Fri)	05:16	06:02	104	11:59	70S	17:56	256	18:42
2025 Nov 01 (Sat)	05:16	06:02	104	11:59	70S	17:56	255	18:42
2025 Nov 02 (Sun)	05:16	06:02	105	11:59	69S	17:55	255	18:42
2025 Nov 03 (Mon)	05:16	06:02	105	11:59	69S	17:55	255	18:42
2025 Nov 04 (Tue)	05:16	06:03	105	11:59	69S	17:55	254	18:42
2025 Nov 05 (Wed)	05:16	06:03	106	11:59	68S	17:55	254	18:42
2025 Nov 06 (Thu)	05:16	06:03	106	11:59	68S	17:55	254	18:42
2025 Nov 07 (Fri)	05:16	06:03	106	11:59	68S	17:55	254	18:41
2025 Nov 08 (Sat)	05:17	06:03	107	11:59	68S	17:55	253	18:41
2025 Nov 09 (Sun)	05:17	06:04	107	11:59	67S	17:55	253	18:41
2025 Nov 10 (Mon)	05:17	06:04	107	11:59	67S	17:55	253	18:42
2025 Nov 11 (Tue)	05:17	06:04	107	11:59	67S	17:55	252	18:42
2025 Nov 12 (Wed)	05:17	06:04	108	11:59	66S	17:55	252	18:42
2025 Nov 13 (Thu)	05:17	06:04	108	12:00	66S	17:55	252	18:42
2025 Nov 14 (Fri)	05:18	06:05	108	12:00	66S	17:55	252	18:42
2025 Nov 15 (Sat)	05:18	06:05	109	12:00	66S	17:55	251	18:42
2025 Nov 16 (Sun)	05:18	06:05	109	12:00	65S	17:55	251	18:42
2025 Nov 17 (Mon)	05:18	06:06	109	12:00	65S	17:55	251	18:42
2025 Nov 18 (Tue)	05:18	06:06	109	12:00	65S	17:55	251	18:42
2025 Nov 19 (Wed)	05:19	06:06	109	12:01	65S	17:55	250	18:43

2025	Nov	20	(Thu)	05:19	06:07	110	12:01	64S	17:55	250	18:43
2025	Nov	21	(Fri)	05:19	06:07	110	12:01	64S	17:55	250	18:43
2025	Nov	22	(Sat)	05:20	06:07	110	12:01	64S	17:55	250	18:43
2025	Nov	23	(Sun)	05:20	06:08	110	12:02	64S	17:56	250	18:43
2025	Nov	24	(Mon)	05:20	06:08	111	12:02	64S	17:56	249	18:44
2025	Nov	25	(Tue)	05:21	06:09	111	12:02	63S	17:56	249	18:44
2025	Nov	26	(Wed)	05:21	06:09	111	12:03	63S	17:56	249	18:44
2025	Nov	27	(Thu)	05:21	06:09	111	12:03	63S	17:56	249	18:44
2025	Nov	28	(Fri)	05:22	06:10	111	12:03	63S	17:57	249	18:45
2025	Nov	29	(Sat)	05:22	06:10	112	12:04	63S	17:57	248	18:45
2025	Nov	30	(Sun)	05:22	06:11	112	12:04	63S	17:57	248	18:45
2025	Dec	01	(Mon)	05:23	06:11	112	12:04	62S	17:57	248	18:46
2025	Dec	02	(Tue)	05:23	06:12	112	12:05	62S	17:58	248	18:46
2025	Dec	03	(Wed)	05:24	06:12	112	12:05	62S	17:58	248	18:46
2025	Dec	04	(Thu)	05:24	06:12	112	12:05	62S	17:58	248	18:47
2025	Dec	05	(Fri)	05:24	06:13	112	12:06	62S	17:59	248	18:47
2025	Dec	06	(Sat)	05:25	06:13	113	12:06	62S	17:59	247	18:48
2025	Dec	07	(Sun)	05:25	06:14	113	12:07	62S	18:00	247	18:48
2025	Dec	08	(Mon)	05:26	06:14	113	12:07	61S	18:00	247	18:48
2025	Dec	09	(Tue)	05:26	06:15	113	12:08	61S	18:00	247	18:49
2025	Dec	10	(Wed)	05:27	06:15	113	12:08	61S	18:01	247	18:49
2025	Dec	11	(Thu)	05:27	06:16	113	12:08	61S	18:01	247	18:50
2025	Dec	12	(Fri)	05:28	06:16	113	12:09	61S	18:02	247	18:50
2025	Dec	13	(Sat)	05:28	06:17	113	12:09	61S	18:02	247	18:51
2025	Dec	14	(Sun)	05:29	06:17	113	12:10	61S	18:02	247	18:51
2025	Dec	15	(Mon)	05:29	06:18	113	12:10	61S	18:03	247	18:52
2025	Dec	16	(Tue)	05:30	06:18	113	12:11	61S	18:03	247	18:52
2025	Dec	17	(Wed)	05:30	06:19	113	12:11	61S	18:04	247	18:53
2025	Dec	18	(Thu)	05:31	06:19	113	12:12	61S	18:04	247	18:53
2025	Dec	19	(Fri)	05:31	06:20	113	12:12	61S	18:05	247	18:54
2025	Dec	20	(Sat)	05:32	06:20	113	12:13	61S	18:05	247	18:54
2025	Dec	21	(Sun)	05:32	06:21	113	12:13	61S	18:06	247	18:55
2025	Dec	22	(Mon)	05:33	06:21	113	12:14	61S	18:06	247	18:55
2025	Dec	23	(Tue)	05:33	06:22	113	12:14	61S	18:07	247	18:56
2025	Dec	24	(Wed)	05:34	06:22	113	12:15	61S	18:07	247	18:56
2025	Dec	25	(Thu)	05:34	06:23	113	12:15	61S	18:08	247	18:57
2025	Dec	26	(Fri)	05:35	06:23	113	12:16	61S	18:08	247	18:57
2025	Dec	27	(Sat)	05:35	06:24	113	12:16	61S	18:09	247	18:58
2025	Dec	28	(Sun)	05:36	06:24	113	12:17	61S	18:09	247	18:58
2025	Dec	29	(Mon)	05:36	06:25	113	12:17	61S	18:10	247	18:59
2025	Dec	30	(Tue)	05:36	06:25	113	12:18	61S	18:10	247	18:59
2025	Dec	31	(Wed)	05:37	06:26	113	12:18	61S	18:11	247	19:00

Sun

Yala

Location: E101°10'51.5", N 6°31'22.7", 0m
(Longitude referred to Greenwich meridian)

Time Zone: 7h 00m east of Greenwich

Date (Zone)	Begin Civil Twilight	Rise	Az.	Transit Alt.	Set	Az.	End Civil Twilight			
	h m	h m °		h m °	h m °		h m			
2025	Jan 01	(Wed)	06:04	06:26	113	12:19	61S	18:11	247	18:34
2025	Jan 02	(Thu)	06:04	06:27	113	12:19	61S	18:12	247	18:35
2025	Jan 03	(Fri)	06:05	06:27	113	12:20	61S	18:13	247	18:35
2025	Jan 04	(Sat)	06:05	06:27	113	12:20	61S	18:13	247	18:36
2025	Jan 05	(Sun)	06:05	06:28	113	12:21	62S	18:14	247	18:36
2025	Jan 06	(Mon)	06:06	06:28	113	12:21	62S	18:14	248	18:36
2025	Jan 07	(Tue)	06:06	06:29	112	12:22	62S	18:15	248	18:37
2025	Jan 08	(Wed)	06:07	06:29	112	12:22	62S	18:15	248	18:37
2025	Jan 09	(Thu)	06:07	06:29	112	12:22	62S	18:16	248	18:38
2025	Jan 10	(Fri)	06:07	06:30	112	12:23	62S	18:16	248	18:38
2025	Jan 11	(Sat)	06:08	06:30	112	12:23	62S	18:16	248	18:39
2025	Jan 12	(Sun)	06:08	06:30	112	12:24	63S	18:17	248	18:39

2025	Jan	13	(Mon)	06:08	06:31	112	12:24	63S	18:17	249	18:40
2025	Jan	14	(Tue)	06:09	06:31	111	12:24	63S	18:18	249	18:40
2025	Jan	15	(Wed)	06:09	06:31	111	12:25	63S	18:18	249	18:41
2025	Jan	16	(Thu)	06:09	06:31	111	12:25	63S	18:19	249	18:41
2025	Jan	17	(Fri)	06:09	06:32	111	12:25	63S	18:19	249	18:41
2025	Jan	18	(Sat)	06:10	06:32	111	12:26	64S	18:20	250	18:42
2025	Jan	19	(Sun)	06:10	06:32	110	12:26	64S	18:20	250	18:42
2025	Jan	20	(Mon)	06:10	06:32	110	12:26	64S	18:20	250	18:42
2025	Jan	21	(Tue)	06:10	06:32	110	12:27	64S	18:21	250	18:43
2025	Jan	22	(Wed)	06:11	06:33	110	12:27	65S	18:21	250	18:43
2025	Jan	23	(Thu)	06:11	06:33	109	12:27	65S	18:22	251	18:44
2025	Jan	24	(Fri)	06:11	06:33	109	12:27	65S	18:22	251	18:44
2025	Jan	25	(Sat)	06:11	06:33	109	12:28	65S	18:22	251	18:44
2025	Jan	26	(Sun)	06:11	06:33	109	12:28	66S	18:23	251	18:44
2025	Jan	27	(Mon)	06:11	06:33	108	12:28	66S	18:23	252	18:45
2025	Jan	28	(Tue)	06:11	06:33	108	12:28	66S	18:23	252	18:45
2025	Jan	29	(Wed)	06:11	06:33	108	12:28	66S	18:24	252	18:45
2025	Jan	30	(Thu)	06:12	06:33	108	12:29	67S	18:24	252	18:46
2025	Jan	31	(Fri)	06:12	06:33	107	12:29	67S	18:24	253	18:46
2025	Feb	01	(Sat)	06:12	06:33	107	12:29	67S	18:24	253	18:46
2025	Feb	02	(Sun)	06:12	06:33	107	12:29	67S	18:25	253	18:46
2025	Feb	03	(Mon)	06:12	06:33	107	12:29	68S	18:25	254	18:47
2025	Feb	04	(Tue)	06:12	06:33	106	12:29	68S	18:25	254	18:47
2025	Feb	05	(Wed)	06:12	06:33	106	12:29	68S	18:25	254	18:47
2025	Feb	06	(Thu)	06:12	06:33	106	12:29	69S	18:26	255	18:47
2025	Feb	07	(Fri)	06:12	06:33	105	12:29	69S	18:26	255	18:47
2025	Feb	08	(Sat)	06:11	06:33	105	12:29	69S	18:26	255	18:47
2025	Feb	09	(Sun)	06:11	06:33	105	12:29	70S	18:26	255	18:48
2025	Feb	10	(Mon)	06:11	06:33	104	12:29	70S	18:26	256	18:48
2025	Feb	11	(Tue)	06:11	06:33	104	12:29	70S	18:26	256	18:48
2025	Feb	12	(Wed)	06:11	06:32	104	12:29	71S	18:27	256	18:48
2025	Feb	13	(Thu)	06:11	06:32	103	12:29	71S	18:27	257	18:48
2025	Feb	14	(Fri)	06:11	06:32	103	12:29	71S	18:27	257	18:48
2025	Feb	15	(Sat)	06:11	06:32	103	12:29	72S	18:27	258	18:48
2025	Feb	16	(Sun)	06:10	06:32	102	12:29	72S	18:27	258	18:48
2025	Feb	17	(Mon)	06:10	06:31	102	12:29	72S	18:27	258	18:48
2025	Feb	18	(Tue)	06:10	06:31	102	12:29	73S	18:27	259	18:48
2025	Feb	19	(Wed)	06:10	06:31	101	12:29	73S	18:27	259	18:48
2025	Feb	20	(Thu)	06:09	06:31	101	12:29	73S	18:27	259	18:49
2025	Feb	21	(Fri)	06:09	06:30	101	12:29	74S	18:27	260	18:49
2025	Feb	22	(Sat)	06:09	06:30	100	12:29	74S	18:27	260	18:49
2025	Feb	23	(Sun)	06:09	06:30	100	12:29	74S	18:28	260	18:49
2025	Feb	24	(Mon)	06:08	06:29	99	12:28	75S	18:28	261	18:49
2025	Feb	25	(Tue)	06:08	06:29	99	12:28	75S	18:28	261	18:49
2025	Feb	26	(Wed)	06:08	06:29	99	12:28	76S	18:28	262	18:49
2025	Feb	27	(Thu)	06:07	06:28	98	12:28	76S	18:28	262	18:49
2025	Feb	28	(Fri)	06:07	06:28	98	12:28	76S	18:28	262	18:49
2025	Mar	01	(Sat)	06:07	06:28	98	12:28	77S	18:28	263	18:48
2025	Mar	02	(Sun)	06:06	06:27	97	12:27	77S	18:27	263	18:48
2025	Mar	03	(Mon)	06:06	06:27	97	12:27	77S	18:27	263	18:48
2025	Mar	04	(Tue)	06:06	06:27	96	12:27	78S	18:27	264	18:48
2025	Mar	05	(Wed)	06:05	06:26	96	12:27	78S	18:27	264	18:48
2025	Mar	06	(Thu)	06:05	06:26	96	12:27	79S	18:27	265	18:48
2025	Mar	07	(Fri)	06:05	06:25	95	12:26	79S	18:27	265	18:48
2025	Mar	08	(Sat)	06:04	06:25	95	12:26	79S	18:27	265	18:48
2025	Mar	09	(Sun)	06:04	06:25	94	12:26	80S	18:27	266	18:48
2025	Mar	10	(Mon)	06:03	06:24	94	12:26	80S	18:27	266	18:48
2025	Mar	11	(Tue)	06:03	06:24	94	12:25	81S	18:27	267	18:48
2025	Mar	12	(Wed)	06:02	06:23	93	12:25	81S	18:27	267	18:48
2025	Mar	13	(Thu)	06:02	06:23	93	12:25	81S	18:27	267	18:48
2025	Mar	14	(Fri)	06:02	06:22	92	12:24	82S	18:27	268	18:47
2025	Mar	15	(Sat)	06:01	06:22	92	12:24	82S	18:27	268	18:47
2025	Mar	16	(Sun)	06:01	06:21	92	12:24	83S	18:26	269	18:47
2025	Mar	17	(Mon)	06:00	06:21	91	12:24	83S	18:26	269	18:47
2025	Mar	18	(Tue)	06:00	06:20	91	12:23	83S	18:26	269	18:47
2025	Mar	19	(Wed)	05:59	06:20	90	12:23	84S	18:26	270	18:47
2025	Mar	20	(Thu)	05:59	06:20	90	12:23	84S	18:26	270	18:47

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

2025 May 27 (Tue)	05:36	05:59	68	12:12	76N	18:26	292	18:49
2025 May 28 (Wed)	05:36	05:59	68	12:13	76N	18:27	292	18:49
2025 May 29 (Thu)	05:36	05:59	68	12:13	76N	18:27	292	18:49
2025 May 30 (Fri)	05:36	05:59	68	12:13	75N	18:27	292	18:50
2025 May 31 (Sat)	05:36	05:59	68	12:13	75N	18:27	292	18:50
2025 Jun 01 (Sun)	05:36	05:59	68	12:13	75N	18:27	292	18:50
2025 Jun 02 (Mon)	05:36	05:59	68	12:13	75N	18:28	293	18:50
2025 Jun 03 (Tue)	05:36	05:59	67	12:13	75N	18:28	293	18:51
2025 Jun 04 (Wed)	05:37	05:59	67	12:14	75N	18:28	293	18:51
2025 Jun 05 (Thu)	05:37	05:59	67	12:14	75N	18:28	293	18:51
2025 Jun 06 (Fri)	05:37	05:59	67	12:14	75N	18:29	293	18:51
2025 Jun 07 (Sat)	05:37	06:00	67	12:14	74N	18:29	293	18:52
2025 Jun 08 (Sun)	05:37	06:00	67	12:14	74N	18:29	293	18:52
2025 Jun 09 (Mon)	05:37	06:00	67	12:15	74N	18:29	293	18:52
2025 Jun 10 (Tue)	05:37	06:00	67	12:15	74N	18:30	293	18:52
2025 Jun 11 (Wed)	05:37	06:00	67	12:15	74N	18:30	293	18:53
2025 Jun 12 (Thu)	05:38	06:00	67	12:15	74N	18:30	293	18:53
2025 Jun 13 (Fri)	05:38	06:00	67	12:15	74N	18:30	294	18:53
2025 Jun 14 (Sat)	05:38	06:01	66	12:16	74N	18:31	294	18:53
2025 Jun 15 (Sun)	05:38	06:01	66	12:16	74N	18:31	294	18:54
2025 Jun 16 (Mon)	05:38	06:01	66	12:16	74N	18:31	294	18:54
2025 Jun 17 (Tue)	05:38	06:01	66	12:16	74N	18:31	294	18:54
2025 Jun 18 (Wed)	05:39	06:01	66	12:16	74N	18:31	294	18:54
2025 Jun 19 (Thu)	05:39	06:02	66	12:17	74N	18:32	294	18:55
2025 Jun 20 (Fri)	05:39	06:02	66	12:17	74N	18:32	294	18:55
2025 Jun 21 (Sat)	05:39	06:02	66	12:17	74N	18:32	294	18:55
2025 Jun 22 (Sun)	05:39	06:02	66	12:17	74N	18:32	294	18:55
2025 Jun 23 (Mon)	05:40	06:02	66	12:18	74N	18:33	294	18:55
2025 Jun 24 (Tue)	05:40	06:03	66	12:18	74N	18:33	294	18:56
2025 Jun 25 (Wed)	05:40	06:03	66	12:18	74N	18:33	294	18:56
2025 Jun 26 (Thu)	05:40	06:03	66	12:18	74N	18:33	294	18:56
2025 Jun 27 (Fri)	05:41	06:03	66	12:18	74N	18:33	294	18:56
2025 Jun 28 (Sat)	05:41	06:04	66	12:19	74N	18:34	294	18:56
2025 Jun 29 (Sun)	05:41	06:04	67	12:19	74N	18:34	293	18:56
2025 Jun 30 (Mon)	05:41	06:04	67	12:19	74N	18:34	293	18:57
2025 Jul 01 (Tue)	05:42	06:04	67	12:19	74N	18:34	293	18:57
2025 Jul 02 (Wed)	05:42	06:05	67	12:19	74N	18:34	293	18:57
2025 Jul 03 (Thu)	05:42	06:05	67	12:20	74N	18:34	293	18:57
2025 Jul 04 (Fri)	05:42	06:05	67	12:20	74N	18:34	293	18:57
2025 Jul 05 (Sat)	05:43	06:05	67	12:20	74N	18:35	293	18:57
2025 Jul 06 (Sun)	05:43	06:05	67	12:20	75N	18:35	293	18:57
2025 Jul 07 (Mon)	05:43	06:06	67	12:20	75N	18:35	293	18:57
2025 Jul 08 (Tue)	05:43	06:06	67	12:20	75N	18:35	293	18:57
2025 Jul 09 (Wed)	05:44	06:06	67	12:21	75N	18:35	293	18:58
2025 Jul 10 (Thu)	05:44	06:06	68	12:21	75N	18:35	292	18:58
2025 Jul 11 (Fri)	05:44	06:07	68	12:21	75N	18:35	292	18:58
2025 Jul 12 (Sat)	05:44	06:07	68	12:21	75N	18:35	292	18:58
2025 Jul 13 (Sun)	05:44	06:07	68	12:21	75N	18:35	292	18:58
2025 Jul 14 (Mon)	05:45	06:07	68	12:21	76N	18:35	292	18:58
2025 Jul 15 (Tue)	05:45	06:07	68	12:21	76N	18:35	292	18:58
2025 Jul 16 (Wed)	05:45	06:08	68	12:21	76N	18:35	292	18:58
2025 Jul 17 (Thu)	05:45	06:08	69	12:21	76N	18:35	291	18:58
2025 Jul 18 (Fri)	05:45	06:08	69	12:22	76N	18:35	291	18:58
2025 Jul 19 (Sat)	05:46	06:08	69	12:22	76N	18:35	291	18:57
2025 Jul 20 (Sun)	05:46	06:08	69	12:22	77N	18:35	291	18:57
2025 Jul 21 (Mon)	05:46	06:08	69	12:22	77N	18:35	291	18:57
2025 Jul 22 (Tue)	05:46	06:09	69	12:22	77N	18:35	290	18:57
2025 Jul 23 (Wed)	05:46	06:09	70	12:22	77N	18:35	290	18:57
2025 Jul 24 (Thu)	05:47	06:09	70	12:22	77N	18:35	290	18:57
2025 Jul 25 (Fri)	05:47	06:09	70	12:22	78N	18:35	290	18:57
2025 Jul 26 (Sat)	05:47	06:09	70	12:22	78N	18:35	290	18:57
2025 Jul 27 (Sun)	05:47	06:09	71	12:22	78N	18:34	289	18:57
2025 Jul 28 (Mon)	05:47	06:09	71	12:22	78N	18:34	289	18:56
2025 Jul 29 (Tue)	05:47	06:09	71	12:22	79N	18:34	289	18:56
2025 Jul 30 (Wed)	05:47	06:09	71	12:22	79N	18:34	289	18:56
2025 Jul 31 (Thu)	05:48	06:10	72	12:22	79N	18:34	288	18:56
2025 Aug 01 (Fri)	05:48	06:10	72	12:22	79N	18:34	288	18:56

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

2025	Oct	08	(Wed)	05:41	06:02	96	12:03	78S	18:03	264	18:24
2025	Oct	09	(Thu)	05:41	06:02	96	12:03	78S	18:03	264	18:24
2025	Oct	10	(Fri)	05:41	06:02	97	12:02	77S	18:02	263	18:23
2025	Oct	11	(Sat)	05:41	06:02	97	12:02	77S	18:02	263	18:23
2025	Oct	12	(Sun)	05:41	06:02	97	12:02	77S	18:02	262	18:23
2025	Oct	13	(Mon)	05:41	06:02	98	12:02	76S	18:01	262	18:22
2025	Oct	14	(Tue)	05:41	06:02	98	12:01	76S	18:01	262	18:22
2025	Oct	15	(Wed)	05:41	06:02	98	12:01	76S	18:00	261	18:21
2025	Oct	16	(Thu)	05:41	06:02	99	12:01	75S	18:00	261	18:21
2025	Oct	17	(Fri)	05:41	06:02	99	12:01	75S	18:00	261	18:21
2025	Oct	18	(Sat)	05:40	06:02	100	12:00	74S	17:59	260	18:20
2025	Oct	19	(Sun)	05:40	06:02	100	12:00	74S	17:59	260	18:20
2025	Oct	20	(Mon)	05:40	06:02	100	12:00	74S	17:59	260	18:20
2025	Oct	21	(Tue)	05:40	06:02	101	12:00	73S	17:58	259	18:19
2025	Oct	22	(Wed)	05:40	06:02	101	12:00	73S	17:58	259	18:19
2025	Oct	23	(Thu)	05:40	06:02	101	12:00	73S	17:58	258	18:19
2025	Oct	24	(Fri)	05:40	06:02	102	11:59	72S	17:57	258	18:19
2025	Oct	25	(Sat)	05:40	06:02	102	11:59	72S	17:57	258	18:18
2025	Oct	26	(Sun)	05:40	06:02	102	11:59	72S	17:57	257	18:18
2025	Oct	27	(Mon)	05:40	06:02	103	11:59	71S	17:57	257	18:18
2025	Oct	28	(Tue)	05:40	06:02	103	11:59	71S	17:56	257	18:18
2025	Oct	29	(Wed)	05:40	06:02	103	11:59	71S	17:56	256	18:17
2025	Oct	30	(Thu)	05:41	06:02	104	11:59	70S	17:56	256	18:17
2025	Oct	31	(Fri)	05:41	06:02	104	11:59	70S	17:56	256	18:17
2025	Nov	01	(Sat)	05:41	06:02	104	11:59	70S	17:56	255	18:17
2025	Nov	02	(Sun)	05:41	06:02	105	11:59	69S	17:55	255	18:17
2025	Nov	03	(Mon)	05:41	06:02	105	11:59	69S	17:55	255	18:17
2025	Nov	04	(Tue)	05:41	06:03	105	11:59	69S	17:55	254	18:17
2025	Nov	05	(Wed)	05:41	06:03	106	11:59	68S	17:55	254	18:17
2025	Nov	06	(Thu)	05:41	06:03	106	11:59	68S	17:55	254	18:16
2025	Nov	07	(Fri)	05:41	06:03	106	11:59	68S	17:55	254	18:16
2025	Nov	08	(Sat)	05:42	06:03	107	11:59	68S	17:55	253	18:16
2025	Nov	09	(Sun)	05:42	06:04	107	11:59	67S	17:55	253	18:16
2025	Nov	10	(Mon)	05:42	06:04	107	11:59	67S	17:55	253	18:16
2025	Nov	11	(Tue)	05:42	06:04	107	11:59	67S	17:55	252	18:16
2025	Nov	12	(Wed)	05:42	06:04	108	11:59	66S	17:55	252	18:16
2025	Nov	13	(Thu)	05:43	06:04	108	12:00	66S	17:55	252	18:16
2025	Nov	14	(Fri)	05:43	06:05	108	12:00	66S	17:55	252	18:16
2025	Nov	15	(Sat)	05:43	06:05	109	12:00	66S	17:55	251	18:17
2025	Nov	16	(Sun)	05:43	06:05	109	12:00	65S	17:55	251	18:17
2025	Nov	17	(Mon)	05:44	06:06	109	12:00	65S	17:55	251	18:17
2025	Nov	18	(Tue)	05:44	06:06	109	12:00	65S	17:55	251	18:17
2025	Nov	19	(Wed)	05:44	06:06	109	12:01	65S	17:55	250	18:17
2025	Nov	20	(Thu)	05:45	06:07	110	12:01	64S	17:55	250	18:17
2025	Nov	21	(Fri)	05:45	06:07	110	12:01	64S	17:55	250	18:17
2025	Nov	22	(Sat)	05:45	06:07	110	12:01	64S	17:55	250	18:18
2025	Nov	23	(Sun)	05:46	06:08	110	12:02	64S	17:56	250	18:18
2025	Nov	24	(Mon)	05:46	06:08	111	12:02	64S	17:56	249	18:18
2025	Nov	25	(Tue)	05:46	06:09	111	12:02	63S	17:56	249	18:18
2025	Nov	26	(Wed)	05:47	06:09	111	12:03	63S	17:56	249	18:18
2025	Nov	27	(Thu)	05:47	06:09	111	12:03	63S	17:56	249	18:19
2025	Nov	28	(Fri)	05:47	06:10	111	12:03	63S	17:57	249	18:19
2025	Nov	29	(Sat)	05:48	06:10	112	12:04	63S	17:57	248	18:19
2025	Nov	30	(Sun)	05:48	06:11	112	12:04	63S	17:57	248	18:20
2025	Dec	01	(Mon)	05:49	06:11	112	12:04	62S	17:57	248	18:20
2025	Dec	02	(Tue)	05:49	06:12	112	12:05	62S	17:58	248	18:20
2025	Dec	03	(Wed)	05:50	06:12	112	12:05	62S	17:58	248	18:21
2025	Dec	04	(Thu)	05:50	06:12	112	12:05	62S	17:58	248	18:21
2025	Dec	05	(Fri)	05:50	06:13	112	12:06	62S	17:59	248	18:21
2025	Dec	06	(Sat)	05:51	06:13	113	12:06	62S	17:59	247	18:22
2025	Dec	07	(Sun)	05:51	06:14	113	12:07	62S	18:00	247	18:22
2025	Dec	08	(Mon)	05:52	06:14	113	12:07	61S	18:00	247	18:22
2025	Dec	09	(Tue)	05:52	06:15	113	12:08	61S	18:00	247	18:23
2025	Dec	10	(Wed)	05:53	06:15	113	12:08	61S	18:01	247	18:23
2025	Dec	11	(Thu)	05:53	06:16	113	12:08	61S	18:01	247	18:24
2025	Dec	12	(Fri)	05:54	06:16	113	12:09	61S	18:02	247	18:24
2025	Dec	13	(Sat)	05:54	06:17	113	12:09	61S	18:02	247	18:25

2025	Dec	14	(Sun)	05:55	06:17	113	12:10	61S	18:02	247	18:25
2025	Dec	15	(Mon)	05:55	06:18	113	12:10	61S	18:03	247	18:25
2025	Dec	16	(Tue)	05:56	06:18	113	12:11	61S	18:03	247	18:26
2025	Dec	17	(Wed)	05:56	06:19	113	12:11	61S	18:04	247	18:26
2025	Dec	18	(Thu)	05:57	06:19	113	12:12	61S	18:04	247	18:27
2025	Dec	19	(Fri)	05:57	06:20	113	12:12	61S	18:05	247	18:27
2025	Dec	20	(Sat)	05:58	06:20	113	12:13	61S	18:05	247	18:28
2025	Dec	21	(Sun)	05:58	06:21	113	12:13	61S	18:06	247	18:28
2025	Dec	22	(Mon)	05:59	06:21	113	12:14	61S	18:06	247	18:29
2025	Dec	23	(Tue)	05:59	06:22	113	12:14	61S	18:07	247	18:29
2025	Dec	24	(Wed)	06:00	06:22	113	12:15	61S	18:07	247	18:30
2025	Dec	25	(Thu)	06:00	06:23	113	12:15	61S	18:08	247	18:30
2025	Dec	26	(Fri)	06:01	06:23	113	12:16	61S	18:08	247	18:31
2025	Dec	27	(Sat)	06:01	06:24	113	12:16	61S	18:09	247	18:31
2025	Dec	28	(Sun)	06:02	06:24	113	12:17	61S	18:09	247	18:32
2025	Dec	29	(Mon)	06:02	06:25	113	12:17	61S	18:10	247	18:32
2025	Dec	30	(Tue)	06:03	06:25	113	12:18	61S	18:10	247	18:33
2025	Dec	31	(Wed)	06:03	06:26	113	12:18	61S	18:11	247	18:33

Moon

Yala

Location: E101°10'51.5", N 6°31'22.7", 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 °	h m °	
2025 Jan 01 (Wed)	07:33	116	13:33 59S	19:34	246
2025 Jan 02 (Thu)	08:26	112	14:28 63S	20:30	250
2025 Jan 03 (Fri)	09:16	107	15:19 68S	21:24	256
2025 Jan 04 (Sat)	10:02	101	16:08 75S	22:16	262
2025 Jan 05 (Sun)	10:47	94	16:56 81S	23:06	269
2025 Jan 06 (Mon)	11:30	87	17:43 88S	23:57	276
2025 Jan 07 (Tue)	12:15	81	18:31 86N		
2025 Jan 08 (Wed)	13:02	74	19:22 80N	00:49	283
2025 Jan 09 (Thu)	13:52	69	20:16 75N	01:43	289
2025 Jan 10 (Fri)	14:47	64	21:14 71N	02:41	294
2025 Jan 11 (Sat)	15:46	62	22:15 69N	03:42	297
2025 Jan 12 (Sun)	16:47	61	23:17 69N	04:45	299
2025 Jan 13 (Mon)	17:48	63		05:46	298
2025 Jan 14 (Tue)	18:46	66	00:16 70N	06:43	296
2025 Jan 15 (Wed)	19:40	70	01:11 74N	07:34	292
2025 Jan 16 (Thu)	20:30	75	02:01 79N	08:21	287
2025 Jan 17 (Fri)	21:15	81	02:47 84N	09:03	282
2025 Jan 18 (Sat)	21:59	87	03:30 90N	09:42	276
2025 Jan 19 (Sun)	22:41	93	04:10 86S	10:19	270
2025 Jan 20 (Mon)	23:23	99	04:49 80S	10:56	264
2025 Jan 21 (Tue)			05:29 74S	11:33	259
2025 Jan 22 (Wed)	00:06	104	06:10 69S	12:12	253
2025 Jan 23 (Thu)	00:52	109	06:53 64S	12:53	249
2025 Jan 24 (Fri)	01:40	113	07:40 60S	13:39	245
2025 Jan 25 (Sat)	02:32	116	08:31 57S	14:29	242
2025 Jan 26 (Sun)	03:26	118	09:25 55S	15:24	241
2025 Jan 27 (Mon)	04:23	119	10:22 55S	16:22	242
2025 Jan 28 (Tue)	05:20	117	11:20 57S	17:21	244
2025 Jan 29 (Wed)	06:15	114	12:17 61S	18:19	248
2025 Jan 30 (Thu)	07:08	109	13:11 66S	19:15	254
2025 Jan 31 (Fri)	07:56	103	14:02 72S	20:09	260
2025 Feb 01 (Sat)	08:43	97	14:51 79S	21:01	267
2025 Feb 02 (Sun)	09:28	89	15:40 86S	21:53	274
2025 Feb 03 (Mon)	10:13	82	16:28 88N	22:45	281
2025 Feb 04 (Tue)	11:00	76	17:19 81N	23:39	287
2025 Feb 05 (Wed)	11:49	70	18:12 76N		
2025 Feb 06 (Thu)	12:42	65	19:08 72N	00:36	293

2025 Feb 07 (Fri)	13:39	62	20:07	69N	01:35	296
2025 Feb 08 (Sat)	14:38	61	21:07	68N	02:36	298
2025 Feb 09 (Sun)	15:38	62	22:06	69N	03:36	299
2025 Feb 10 (Mon)	16:36	64	23:02	72N	04:34	297
2025 Feb 11 (Tue)	17:31	68	23:53	77N	05:26	294
2025 Feb 12 (Wed)	18:21	73			06:14	289
2025 Feb 13 (Thu)	19:08	79	00:40	82N	06:58	284
2025 Feb 14 (Fri)	19:53	85	01:24	87N	07:38	278
2025 Feb 15 (Sat)	20:36	91	02:05	88S	08:16	272
2025 Feb 16 (Sun)	21:18	97	02:45	82S	08:53	266
2025 Feb 17 (Mon)	22:01	102	03:24	76S	09:29	261
2025 Feb 18 (Tue)	22:45	107	04:05	70S	10:07	255
2025 Feb 19 (Wed)	23:31	112	04:47	65S	10:48	250
2025 Feb 20 (Thu)			05:32	61S	11:31	246
2025 Feb 21 (Fri)	00:21	115	06:20	58S	12:19	243
2025 Feb 22 (Sat)	01:14	118	07:12	56S	13:11	241
2025 Feb 23 (Sun)	02:09	119	08:07	55S	14:06	241
2025 Feb 24 (Mon)	03:05	118	09:04	56S	15:04	243
2025 Feb 25 (Tue)	04:00	116	10:01	59S	16:02	246
2025 Feb 26 (Wed)	04:54	112	10:56	63S	16:59	251
2025 Feb 27 (Thu)	05:45	106	11:49	69S	17:55	257
2025 Feb 28 (Fri)	06:33	100	12:40	76S	18:49	264
2025 Mar 01 (Sat)	07:20	93	13:30	83S	19:43	271
2025 Mar 02 (Sun)	08:06	85	14:20	91N	20:36	278
2025 Mar 03 (Mon)	08:54	78	15:12	84N	21:32	285
2025 Mar 04 (Tue)	09:44	72	16:06	77N	22:29	291
2025 Mar 05 (Wed)	10:37	67	17:02	73N	23:29	295
2025 Mar 06 (Thu)	11:34	63	18:02	69N		
2025 Mar 07 (Fri)	12:33	61	19:02	68N	00:31	298
2025 Mar 08 (Sat)	13:33	61	20:01	69N	01:31	299
2025 Mar 09 (Sun)	14:31	63	20:57	71N	02:29	298
2025 Mar 10 (Mon)	15:26	67	21:49	75N	03:23	295
2025 Mar 11 (Tue)	16:17	71	22:37	80N	04:11	291
2025 Mar 12 (Wed)	17:04	77	23:21	85N	04:55	286
2025 Mar 13 (Thu)	17:49	82			05:36	280
2025 Mar 14 (Fri)	18:32	88	00:02	90S	06:14	275
2025 Mar 15 (Sat)	19:14	94	00:42	84S	06:51	269
2025 Mar 16 (Sun)	19:57	100	01:22	78S	07:28	263
2025 Mar 17 (Mon)	20:40	106	02:02	72S	08:05	257
2025 Mar 18 (Tue)	21:26	110	02:43	67S	08:45	252
2025 Mar 19 (Wed)	22:14	114	03:27	63S	09:27	248
2025 Mar 20 (Thu)	23:05	117	04:14	59S	10:12	244
2025 Mar 21 (Fri)	23:58	119	05:04	56S	11:02	242
2025 Mar 22 (Sat)			05:56	55S	11:55	241
2025 Mar 23 (Sun)	00:53	119	06:51	55S	12:50	242
2025 Mar 24 (Mon)	01:47	117	07:47	57S	13:47	244
2025 Mar 25 (Tue)	02:40	114	08:41	61S	14:43	248
2025 Mar 26 (Wed)	03:31	109	09:34	66S	15:38	253
2025 Mar 27 (Thu)	04:20	103	10:25	72S	16:33	260
2025 Mar 28 (Fri)	05:07	97	11:16	79S	17:26	267
2025 Mar 29 (Sat)	05:54	89	12:06	87S	18:20	275
2025 Mar 30 (Sun)	06:42	82	12:58	87N	19:16	282
2025 Mar 31 (Mon)	07:32	75	13:52	80N	20:15	289
2025 Apr 01 (Tue)	08:26	69	14:50	74N	21:16	294
2025 Apr 02 (Wed)	09:23	64	15:51	70N	22:20	297
2025 Apr 03 (Thu)	10:24	62	16:53	68N	23:23	299
2025 Apr 04 (Fri)	11:25	61	17:55	68N		
2025 Apr 05 (Sat)	12:25	63	18:53	70N	00:23	298
2025 Apr 06 (Sun)	13:22	66	19:46	74N	01:19	296
2025 Apr 07 (Mon)	14:14	70	20:35	78N	02:10	292
2025 Apr 08 (Tue)	15:02	75	21:20	84N	02:55	288
2025 Apr 09 (Wed)	15:48	81	22:02	89N	03:36	282
2025 Apr 10 (Thu)	16:31	86	22:42	86S	04:15	276
2025 Apr 11 (Fri)	17:13	92	23:21	80S	04:51	271
2025 Apr 12 (Sat)	17:55	98			05:28	265
2025 Apr 13 (Sun)	18:38	104	00:00	74S	06:05	259
2025 Apr 14 (Mon)	19:23	109	00:41	69S	06:44	254

2025 Apr 15 (Tue)	20:10 113	01:24 64S	07:25 249
2025 Apr 16 (Wed)	21:00 116	02:10 60S	08:09 245
2025 Apr 17 (Thu)	21:52 118	02:59 57S	08:57 243
2025 Apr 18 (Fri)	22:46 119	03:50 55S	09:48 241
2025 Apr 19 (Sat)	23:39 118	04:44 55S	10:42 241
2025 Apr 20 (Sun)		05:38 56S	11:37 243
2025 Apr 21 (Mon)	00:31 115	06:31 59S	12:32 246
2025 Apr 22 (Tue)	01:21 111	07:23 64S	13:26 251
2025 Apr 23 (Wed)	02:09 106	08:13 69S	14:19 257
2025 Apr 24 (Thu)	02:56 100	09:02 76S	15:11 263
2025 Apr 25 (Fri)	03:41 93	09:52 83S	16:04 271
2025 Apr 26 (Sat)	04:28 86	10:42 90S	16:58 278
2025 Apr 27 (Sun)	05:16 78	11:35 84N	17:55 285
2025 Apr 28 (Mon)	06:09 72	12:31 77N	18:56 291
2025 Apr 29 (Tue)	07:06 66	13:32 72N	20:00 296
2025 Apr 30 (Wed)	08:07 63	14:36 69N	21:06 298
2025 May 01 (Thu)	09:11 61	15:41 68N	22:11 299
2025 May 02 (Fri)	10:14 62	16:43 69N	23:10 297
2025 May 03 (Sat)	11:14 64	17:40 72N	
2025 May 04 (Sun)	12:09 68	18:31 77N	00:04 294
2025 May 05 (Mon)	12:59 73	19:18 82N	00:52 289
2025 May 06 (Tue)	13:46 79	20:01 88N	01:35 284
2025 May 07 (Wed)	14:29 85	20:42 88S	02:15 278
2025 May 08 (Thu)	15:12 91	21:21 82S	02:52 272
2025 May 09 (Fri)	15:53 96	22:00 76S	03:29 266
2025 May 10 (Sat)	16:36 102	22:40 71S	04:05 261
2025 May 11 (Sun)	17:20 107	23:22 66S	04:43 255
2025 May 12 (Mon)	18:07 112		05:23 251
2025 May 13 (Tue)	18:56 115	00:07 61S	06:07 247
2025 May 14 (Wed)	19:48 118	00:55 58S	06:54 243
2025 May 15 (Thu)	20:41 119	01:46 56S	07:45 242
2025 May 16 (Fri)	21:35 118	02:39 55S	08:38 241
2025 May 17 (Sat)	22:27 116	03:33 56S	09:32 243
2025 May 18 (Sun)	23:17 113	04:26 58S	10:27 245
2025 May 19 (Mon)		05:18 62S	11:20 249
2025 May 20 (Tue)	00:04 108	06:07 67S	12:11 255
2025 May 21 (Wed)	00:50 102	06:55 73S	13:02 261
2025 May 22 (Thu)	01:34 96	07:42 80S	13:52 268
2025 May 23 (Fri)	02:18 89	08:30 87S	14:44 275
2025 May 24 (Sat)	03:04 82	09:20 87N	15:38 282
2025 May 25 (Sun)	03:53 75	10:14 80N	16:36 288
2025 May 26 (Mon)	04:47 69	11:12 75N	17:38 294
2025 May 27 (Tue)	05:46 64	12:14 71N	18:44 297
2025 May 28 (Wed)	06:50 62	13:20 69N	19:50 299
2025 May 29 (Thu)	07:55 62	14:25 69N	20:54 298
2025 May 30 (Fri)	08:58 63	15:26 71N	21:53 295
2025 May 31 (Sat)	09:58 67	16:22 75N	22:45 291
2025 Jun 01 (Sun)	10:52 71	17:12 80N	23:31 286
2025 Jun 02 (Mon)	11:41 77	17:57 86N	
2025 Jun 03 (Tue)	12:26 83	18:39 90S	00:12 280
2025 Jun 04 (Wed)	13:09 89	19:19 84S	00:51 274
2025 Jun 05 (Thu)	13:51 95	19:59 78S	01:28 268
2025 Jun 06 (Fri)	14:34 100	20:39 72S	02:05 263
2025 Jun 07 (Sat)	15:17 106	21:20 67S	02:42 257
2025 Jun 08 (Sun)	16:03 110	22:04 63S	03:22 252
2025 Jun 09 (Mon)	16:52 114	22:51 59S	04:04 248
2025 Jun 10 (Tue)	17:43 117	23:42 56S	04:50 244
2025 Jun 11 (Wed)	18:36 118		05:40 242
2025 Jun 12 (Thu)	19:30 118	00:35 55S	06:33 241
2025 Jun 13 (Fri)	20:23 117	01:29 56S	07:28 242
2025 Jun 14 (Sat)	21:14 114	02:23 58S	08:23 244
2025 Jun 15 (Sun)	22:02 109	03:15 61S	09:16 248
2025 Jun 16 (Mon)	22:48 104	04:05 66S	10:08 253
2025 Jun 17 (Tue)	23:31 98	04:52 72S	10:58 259
2025 Jun 18 (Wed)		05:39 78S	11:48 266
2025 Jun 19 (Thu)	00:14 91	06:25 85S	12:37 272
2025 Jun 20 (Fri)	00:58 84	07:12 90N	13:28 279

2025 Jun 21 (Sat)	01:44	77	08:03	83N	14:23	286
2025 Jun 22 (Sun)	02:34	71	08:57	77N	15:21	291
2025 Jun 23 (Mon)	03:30	66	09:56	72N	16:24	296
2025 Jun 24 (Tue)	04:30	63	10:59	69N	17:29	298
2025 Jun 25 (Wed)	05:34	61	12:05	68N	18:35	298
2025 Jun 26 (Thu)	06:39	62	13:08	70N	19:36	297
2025 Jun 27 (Fri)	07:41	65	14:08	73N	20:32	293
2025 Jun 28 (Sat)	08:39	69	15:01	78N	21:22	288
2025 Jun 29 (Sun)	09:31	75	15:50	83N	22:06	282
2025 Jun 30 (Mon)	10:19	80	16:34	89N	22:47	276
2025 Jul 01 (Tue)	11:04	87	17:15	86S	23:25	270
2025 Jul 02 (Wed)	11:47	93	17:55	80S		
2025 Jul 03 (Thu)	12:30	98	18:35	74S	00:02	265
2025 Jul 04 (Fri)	13:13	104	19:16	69S	00:40	259
2025 Jul 05 (Sat)	13:58	109	19:59	64S	01:19	254
2025 Jul 06 (Sun)	14:45	113	20:45	60S	02:00	249
2025 Jul 07 (Mon)	15:36	116	21:35	57S	02:45	245
2025 Jul 08 (Tue)	16:29	118	22:27	55S	03:33	243
2025 Jul 09 (Wed)	17:23	119	23:21	55S	04:25	241
2025 Jul 10 (Thu)	18:17	118			05:20	242
2025 Jul 11 (Fri)	19:10	115	00:16	57S	06:16	244
2025 Jul 12 (Sat)	19:59	111	01:10	60S	07:11	247
2025 Jul 13 (Sun)	20:46	106	02:01	64S	08:04	252
2025 Jul 14 (Mon)	21:31	99	02:50	70S	08:55	257
2025 Jul 15 (Tue)	22:14	93	03:37	76S	09:45	264
2025 Jul 16 (Wed)	22:57	86	04:23	83S	10:35	271
2025 Jul 17 (Thu)	23:42	79	05:10	90S	11:25	277
2025 Jul 18 (Fri)			05:58	85N	12:17	284
2025 Jul 19 (Sat)	00:29	73	06:50	79N	13:12	290
2025 Jul 20 (Sun)	01:21	68	07:46	74N	14:12	295
2025 Jul 21 (Mon)	02:18	64	08:46	70N	15:15	298
2025 Jul 22 (Tue)	03:19	62	09:49	68N	16:19	299
2025 Jul 23 (Wed)	04:22	62	10:52	69N	17:21	298
2025 Jul 24 (Thu)	05:25	64	11:53	71N	18:19	295
2025 Jul 25 (Fri)	06:25	67	12:49	76N	19:11	290
2025 Jul 26 (Sat)	07:19	72	13:40	81N	19:58	285
2025 Jul 27 (Sun)	08:10	78	14:26	87N	20:41	279
2025 Jul 28 (Mon)	08:56	84	15:09	89S	21:21	273
2025 Jul 29 (Tue)	09:41	90	15:50	82S	21:58	267
2025 Jul 30 (Wed)	10:24	96	16:31	76S	22:36	261
2025 Jul 31 (Thu)	11:07	102	17:11	71S	23:15	255
2025 Aug 01 (Fri)	11:52	107	17:54	66S	23:55	251
2025 Aug 02 (Sat)	12:38	112	18:39	61S		
2025 Aug 03 (Sun)	13:27	115	19:26	58S	00:38	247
2025 Aug 04 (Mon)	14:19	118	20:17	56S	01:25	243
2025 Aug 05 (Tue)	15:13	119	21:11	55S	02:16	242
2025 Aug 06 (Wed)	16:07	118	22:06	56S	03:09	241
2025 Aug 07 (Thu)	17:01	116	23:00	58S	04:05	243
2025 Aug 08 (Fri)	17:52	113	23:53	62S	05:01	245
2025 Aug 09 (Sat)	18:41	108			05:56	250
2025 Aug 10 (Sun)	19:27	102	00:44	68S	06:49	255
2025 Aug 11 (Mon)	20:11	95	01:33	74S	07:40	262
2025 Aug 12 (Tue)	20:55	88	02:20	81S	08:31	268
2025 Aug 13 (Wed)	21:40	81	03:07	88S	09:21	275
2025 Aug 14 (Thu)	22:27	75	03:56	87N	10:13	282
2025 Aug 15 (Fri)	23:17	69	04:47	80N	11:08	288
2025 Aug 16 (Sat)			05:41	75N	12:06	293
2025 Aug 17 (Sun)	00:12	65	06:39	71N	13:07	297
2025 Aug 18 (Mon)	01:11	62	07:40	69N	14:10	299
2025 Aug 19 (Tue)	02:12	61	08:42	68N	15:11	298
2025 Aug 20 (Wed)	03:14	63	09:42	70N	16:10	296
2025 Aug 21 (Thu)	04:14	66	10:39	74N	17:03	292
2025 Aug 22 (Fri)	05:09	70	11:31	78N	17:51	287
2025 Aug 23 (Sat)	06:01	75	12:19	84N	18:35	282
2025 Aug 24 (Sun)	06:49	81	13:03	90N	19:16	276
2025 Aug 25 (Mon)	07:34	88	13:45	85S	19:54	269
2025 Aug 26 (Tue)	08:18	94	14:26	79S	20:32	263

2025 Aug 27 (Wed)	09:01 100	15:06 73S	21:11 258
2025 Aug 28 (Thu)	09:45 105	15:48 68S	21:50 252
2025 Aug 29 (Fri)	10:31 110	16:32 63S	22:32 248
2025 Aug 30 (Sat)	11:19 114	17:19 59S	23:17 245
2025 Aug 31 (Sun)	12:09 117	18:08 56S	
2025 Sep 01 (Mon)	13:02 119	19:00 55S	00:06 242
2025 Sep 02 (Tue)	13:55 119	19:54 55S	00:58 241
2025 Sep 03 (Wed)	14:49 117	20:48 57S	01:52 242
2025 Sep 04 (Thu)	15:41 114	21:41 60S	02:48 244
2025 Sep 05 (Fri)	16:31 110	22:33 65S	03:43 247
2025 Sep 06 (Sat)	17:18 105	23:23 71S	04:37 252
2025 Sep 07 (Sun)	18:04 98		05:29 259
2025 Sep 08 (Mon)	18:49 91	00:12 78S	06:21 265
2025 Sep 09 (Tue)	19:35 84	01:00 85S	07:13 273
2025 Sep 10 (Wed)	20:22 77	01:49 89N	08:06 280
2025 Sep 11 (Thu)	21:12 71	02:41 82N	09:01 286
2025 Sep 12 (Fri)	22:07 66	03:35 76N	09:59 292
2025 Sep 13 (Sat)	23:05 63	04:33 72N	11:01 296
2025 Sep 14 (Sun)		05:34 69N	12:04 298
2025 Sep 15 (Mon)	00:06 61	06:36 68N	13:06 299
2025 Sep 16 (Tue)	01:08 62	07:37 69N	14:05 297
2025 Sep 17 (Wed)	02:08 64	08:34 72N	14:59 294
2025 Sep 18 (Thu)	03:04 68	09:26 77N	15:48 289
2025 Sep 19 (Fri)	03:55 73	10:15 82N	16:32 284
2025 Sep 20 (Sat)	04:44 79	10:59 88N	17:13 278
2025 Sep 21 (Sun)	05:29 85	11:41 87S	17:52 272
2025 Sep 22 (Mon)	06:13 91	12:22 81S	18:30 266
2025 Sep 23 (Tue)	06:56 97	13:03 75S	19:08 260
2025 Sep 24 (Wed)	07:40 103	13:44 70S	19:47 254
2025 Sep 25 (Thu)	08:25 108	14:27 65S	20:28 250
2025 Sep 26 (Fri)	09:12 112	15:13 60S	21:12 246
2025 Sep 27 (Sat)	10:02 116	16:00 57S	21:59 243
2025 Sep 28 (Sun)	10:53 118	16:51 56S	22:49 241
2025 Sep 29 (Mon)	11:45 119	17:43 55S	23:41 241
2025 Sep 30 (Tue)	12:38 118	18:36 56S	
2025 Oct 01 (Wed)	13:30 116	19:29 59S	00:35 243
2025 Oct 02 (Thu)	14:19 112	20:20 63S	01:29 246
2025 Oct 03 (Fri)	15:07 107	21:10 68S	02:23 250
2025 Oct 04 (Sat)	15:53 101	21:59 74S	03:15 255
2025 Oct 05 (Sun)	16:38 95	22:48 81S	04:07 262
2025 Oct 06 (Mon)	17:24 87	23:37 89S	04:59 269
2025 Oct 07 (Tue)	18:11 80		05:52 276
2025 Oct 08 (Wed)	19:02 73	00:28 86N	06:47 283
2025 Oct 09 (Thu)	19:56 68	01:23 79N	07:46 290
2025 Oct 10 (Fri)	20:55 64	02:22 74N	08:48 295
2025 Oct 11 (Sat)	21:58 62	03:24 70N	09:53 298
2025 Oct 12 (Sun)	23:01 62	04:28 68N	10:58 299
2025 Oct 13 (Mon)		05:30 69N	11:59 298
2025 Oct 14 (Tue)	00:02 64	06:29 71N	12:55 295
2025 Oct 15 (Wed)	01:00 67	07:24 75N	13:46 291
2025 Oct 16 (Thu)	01:53 72	08:13 80N	14:31 285
2025 Oct 17 (Fri)	02:41 77	08:58 86N	15:13 280
2025 Oct 18 (Sat)	03:27 83	09:40 89S	15:52 274
2025 Oct 19 (Sun)	04:11 89	10:21 83S	16:29 268
2025 Oct 20 (Mon)	04:54 95	11:01 77S	17:07 262
2025 Oct 21 (Tue)	05:37 101	11:42 72S	17:45 256
2025 Oct 22 (Wed)	06:22 106	12:24 66S	18:26 251
2025 Oct 23 (Thu)	07:08 111	13:09 62S	19:08 247
2025 Oct 24 (Fri)	07:57 115	13:56 58S	19:54 244
2025 Oct 25 (Sat)	08:47 117	14:45 56S	20:43 242
2025 Oct 26 (Sun)	09:39 119	15:37 55S	21:35 241
2025 Oct 27 (Mon)	10:31 118	16:29 56S	22:27 242
2025 Oct 28 (Tue)	11:22 117	17:21 58S	23:20 244
2025 Oct 29 (Wed)	12:11 114	18:11 61S	
2025 Oct 30 (Thu)	12:58 110	19:00 66S	00:12 248
2025 Oct 31 (Fri)	13:43 104	19:48 71S	01:03 253
2025 Nov 01 (Sat)	14:27 98	20:35 78S	01:54 259

2025 Nov 02 (Sun)	15:11	91	21:22	85S	02:44	265
2025 Nov 03 (Mon)	15:57	84	22:12	89N	03:35	272
2025 Nov 04 (Tue)	16:46	77	23:05	82N	04:29	280
2025 Nov 05 (Wed)	17:39	71			05:26	286
2025 Nov 06 (Thu)	18:37	66	00:02	76N	06:28	292
2025 Nov 07 (Fri)	19:40	62	01:05	72N	07:34	296
2025 Nov 08 (Sat)	20:46	61	02:10	69N	08:41	298
2025 Nov 09 (Sun)	21:51	63	03:17	69N	09:47	298
2025 Nov 10 (Mon)	22:52	66	04:20	70N	10:47	296
2025 Nov 11 (Tue)	23:48	70	05:17	74N	11:41	292
2025 Nov 12 (Wed)			06:09	79N	12:29	287
2025 Nov 13 (Thu)	00:39	76	06:56	84N	13:12	281
2025 Nov 14 (Fri)	01:26	82	07:40	90N	13:52	275
2025 Nov 15 (Sat)	02:10	88	08:21	85S	14:30	269
2025 Nov 16 (Sun)	02:53	94	09:01	79S	15:07	264
2025 Nov 17 (Mon)	03:36	99	09:41	73S	15:45	258
2025 Nov 18 (Tue)	04:20	105	10:23	68S	16:25	253
2025 Nov 19 (Wed)	05:05	110	11:06	63S	17:07	248
2025 Nov 20 (Thu)	05:53	114	11:53	60S	17:52	245
2025 Nov 21 (Fri)	06:43	116	12:41	57S	18:40	243
2025 Nov 22 (Sat)	07:34	118	13:32	56S	19:30	242
2025 Nov 23 (Sun)	08:26	118	14:24	56S	20:23	242
2025 Nov 24 (Mon)	09:18	117	15:16	57S	21:15	244
2025 Nov 25 (Tue)	10:07	115	16:07	60S	22:07	247
2025 Nov 26 (Wed)	10:54	111	16:55	64S	22:57	251
2025 Nov 27 (Thu)	11:38	106	17:42	69S	23:46	257
2025 Nov 28 (Fri)	12:21	100	18:27	75S		
2025 Nov 29 (Sat)	13:03	94	19:12	82S	00:34	263
2025 Nov 30 (Sun)	13:46	87	19:59	89S	01:23	269
2025 Dec 01 (Mon)	14:32	80	20:48	86N	02:13	276
2025 Dec 02 (Tue)	15:21	74	21:42	79N	03:07	283
2025 Dec 03 (Wed)	16:16	68	22:41	74N	04:05	289
2025 Dec 04 (Thu)	17:17	64	23:46	70N	05:08	294
2025 Dec 05 (Fri)	18:22	62			06:16	297
2025 Dec 06 (Sat)	19:30	62	00:53	69N	07:24	298
2025 Dec 07 (Sun)	20:35	64	02:00	69N	08:29	297
2025 Dec 08 (Mon)	21:36	68	03:03	72N	09:29	294
2025 Dec 09 (Tue)	22:31	74	03:59	77N	10:21	289
2025 Dec 10 (Wed)	23:20	80	04:50	82N	11:08	283
2025 Dec 11 (Thu)			05:36	88N	11:50	277
2025 Dec 12 (Fri)	00:07	86	06:19	87S	12:29	271
2025 Dec 13 (Sat)	00:51	92	07:00	81S	13:07	265
2025 Dec 14 (Sun)	01:34	98	07:40	75S	13:45	260
2025 Dec 15 (Mon)	02:17	103	08:21	69S	14:24	254
2025 Dec 16 (Tue)	03:02	108	09:04	65S	15:05	250
2025 Dec 17 (Wed)	03:49	112	09:49	61S	15:49	246
2025 Dec 18 (Thu)	04:38	116	10:37	58S	16:36	243
2025 Dec 19 (Fri)	05:30	118	11:28	56S	17:26	242
2025 Dec 20 (Sat)	06:22	118	12:20	55S	18:18	242
2025 Dec 21 (Sun)	07:14	118	13:12	57S	19:11	243
2025 Dec 22 (Mon)	08:04	116	14:04	59S	20:04	246
2025 Dec 23 (Tue)	08:52	112	14:53	63S	20:54	250
2025 Dec 24 (Wed)	09:37	107	15:40	68S	21:43	255
2025 Dec 25 (Thu)	10:20	102	16:25	73S	22:31	261
2025 Dec 26 (Fri)	11:01	96	17:09	80S	23:18	267
2025 Dec 27 (Sat)	11:43	89	17:54	86S		
2025 Dec 28 (Sun)	12:25	83	18:40	88N	00:06	274
2025 Dec 29 (Mon)	13:11	76	19:30	82N	00:56	281
2025 Dec 30 (Tue)	14:01	70	20:24	76N	01:50	287
2025 Dec 31 (Wed)	14:57	66	21:24	72N	02:49	292