

Sun

060.Samut Prakarn

Location: E100°37'15.5", N13°34'19.1", 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
2026 Jan 01 (Thu)	05:51	06:41 114		12:21 54S	18:01 247		18:51
2026 Jan 02 (Fri)	05:51	06:41 113		12:21 54S	18:02 247		18:51
2026 Jan 03 (Sat)	05:52	06:41 113		12:22 54S	18:02 247		18:52
2026 Jan 04 (Sun)	05:52	06:42 113		12:22 54S	18:03 247		18:53
2026 Jan 05 (Mon)	05:53	06:42 113		12:23 55S	18:04 247		18:53
2026 Jan 06 (Tue)	05:53	06:42 113		12:23 55S	18:04 247		18:54
2026 Jan 07 (Wed)	05:53	06:43 113		12:24 55S	18:05 247		18:54
2026 Jan 08 (Thu)	05:54	06:43 113		12:24 55S	18:05 247		18:55
2026 Jan 09 (Fri)	05:54	06:43 113		12:25 55S	18:06 247		18:55
2026 Jan 10 (Sat)	05:54	06:43 112		12:25 55S	18:06 248		18:56
2026 Jan 11 (Sun)	05:55	06:44 112		12:25 55S	18:07 248		18:56
2026 Jan 12 (Mon)	05:55	06:44 112		12:26 55S	18:08 248		18:57
2026 Jan 13 (Tue)	05:55	06:44 112		12:26 56S	18:08 248		18:57
2026 Jan 14 (Wed)	05:55	06:44 112		12:26 56S	18:09 248		18:58
2026 Jan 15 (Thu)	05:56	06:44 112		12:27 56S	18:09 249		18:58
2026 Jan 16 (Fri)	05:56	06:45 111		12:27 56S	18:10 249		18:59
2026 Jan 17 (Sat)	05:56	06:45 111		12:28 56S	18:10 249		18:59
2026 Jan 18 (Sun)	05:56	06:45 111		12:28 57S	18:11 249		19:00
2026 Jan 19 (Mon)	05:56	06:45 111		12:28 57S	18:11 249		19:00
2026 Jan 20 (Tue)	05:56	06:45 111		12:28 57S	18:12 250		19:01
2026 Jan 21 (Wed)	05:57	06:45 110		12:29 57S	18:12 250		19:01
2026 Jan 22 (Thu)	05:57	06:45 110		12:29 57S	18:13 250		19:02
2026 Jan 23 (Fri)	05:57	06:45 110		12:29 58S	18:13 250		19:02
2026 Jan 24 (Sat)	05:57	06:45 110		12:30 58S	18:14 250		19:02
2026 Jan 25 (Sun)	05:57	06:45 109		12:30 58S	18:14 251		19:03
2026 Jan 26 (Mon)	05:57	06:45 109		12:30 58S	18:15 251		19:03
2026 Jan 27 (Tue)	05:57	06:45 109		12:30 59S	18:15 251		19:04
2026 Jan 28 (Wed)	05:57	06:45 109		12:30 59S	18:16 252		19:04
2026 Jan 29 (Thu)	05:57	06:45 108		12:31 59S	18:16 252		19:04
2026 Jan 30 (Fri)	05:57	06:45 108		12:31 59S	18:17 252		19:05
2026 Jan 31 (Sat)	05:57	06:45 108		12:31 60S	18:17 252		19:05
2026 Feb 01 (Sun)	05:57	06:45 107		12:31 60S	18:18 253		19:06
2026 Feb 02 (Mon)	05:57	06:44 107		12:31 60S	18:18 253		19:06
2026 Feb 03 (Tue)	05:56	06:44 107		12:31 61S	18:19 253		19:06
2026 Feb 04 (Wed)	05:56	06:44 107		12:31 61S	18:19 254		19:07
2026 Feb 05 (Thu)	05:56	06:44 106		12:31 61S	18:19 254		19:07
2026 Feb 06 (Fri)	05:56	06:43 106		12:32 62S	18:20 254		19:07
2026 Feb 07 (Sat)	05:56	06:43 106		12:32 62S	18:20 255		19:07
2026 Feb 08 (Sun)	05:56	06:43 105		12:32 62S	18:20 255		19:08
2026 Feb 09 (Mon)	05:55	06:43 105		12:32 62S	18:21 255		19:08
2026 Feb 10 (Tue)	05:55	06:42 105		12:32 63S	18:21 256		19:08
2026 Feb 11 (Wed)	05:55	06:42 104		12:32 63S	18:21 256		19:09
2026 Feb 12 (Thu)	05:55	06:42 104		12:32 63S	18:22 256		19:09
2026 Feb 13 (Fri)	05:54	06:41 104		12:32 64S	18:22 257		19:09
2026 Feb 14 (Sat)	05:54	06:41 103		12:32 64S	18:22 257		19:09
2026 Feb 15 (Sun)	05:54	06:41 103		12:32 64S	18:23 257		19:10
2026 Feb 16 (Mon)	05:53	06:40 103		12:32 65S	18:23 258		19:10
2026 Feb 17 (Tue)	05:53	06:40 102		12:31 65S	18:23 258		19:10
2026 Feb 18 (Wed)	05:53	06:39 102		12:31 66S	18:24 258		19:10
2026 Feb 19 (Thu)	05:52	06:39 101		12:31 66S	18:24 259		19:11
2026 Feb 20 (Fri)	05:52	06:39 101		12:31 66S	18:24 259		19:11
2026 Feb 21 (Sat)	05:51	06:38 101		12:31 67S	18:24 259		19:11
2026 Feb 22 (Sun)	05:51	06:38 100		12:31 67S	18:25 260		19:11
2026 Feb 23 (Mon)	05:51	06:37 100		12:31 67S	18:25 260		19:11
2026 Feb 24 (Tue)	05:50	06:37 100		12:31 68S	18:25 261		19:11

2026	Feb	25	(Wed)	05:50	06:36	99	12:31	68S	18:25	261	19:12
2026	Feb	26	(Thu)	05:49	06:36	99	12:30	68S	18:25	261	19:12
2026	Feb	27	(Fri)	05:49	06:35	98	12:30	69S	18:26	262	19:12
2026	Feb	28	(Sat)	05:48	06:34	98	12:30	69S	18:26	262	19:12
2026	Mar	01	(Sun)	05:48	06:34	98	12:30	70S	18:26	263	19:12
2026	Mar	02	(Mon)	05:47	06:33	97	12:30	70S	18:26	263	19:12
2026	Mar	03	(Tue)	05:47	06:33	97	12:29	70S	18:26	263	19:12
2026	Mar	04	(Wed)	05:46	06:32	97	12:29	71S	18:26	264	19:13
2026	Mar	05	(Thu)	05:46	06:32	96	12:29	71S	18:27	264	19:13
2026	Mar	06	(Fri)	05:45	06:31	96	12:29	71S	18:27	264	19:13
2026	Mar	07	(Sat)	05:44	06:30	95	12:29	72S	18:27	265	19:13
2026	Mar	08	(Sun)	05:44	06:30	95	12:28	72S	18:27	265	19:13
2026	Mar	09	(Mon)	05:43	06:29	95	12:28	73S	18:27	266	19:13
2026	Mar	10	(Tue)	05:43	06:29	94	12:28	73S	18:27	266	19:13
2026	Mar	11	(Wed)	05:42	06:28	94	12:28	73S	18:27	266	19:13
2026	Mar	12	(Thu)	05:41	06:27	93	12:27	74S	18:28	267	19:14
2026	Mar	13	(Fri)	05:41	06:27	93	12:27	74S	18:28	267	19:14
2026	Mar	14	(Sat)	05:40	06:26	92	12:27	75S	18:28	268	19:14
2026	Mar	15	(Sun)	05:39	06:25	92	12:26	75S	18:28	268	19:14
2026	Mar	16	(Mon)	05:39	06:25	92	12:26	75S	18:28	269	19:14
2026	Mar	17	(Tue)	05:38	06:24	91	12:26	76S	18:28	269	19:14
2026	Mar	18	(Wed)	05:37	06:23	91	12:26	76S	18:28	269	19:14
2026	Mar	19	(Thu)	05:37	06:23	90	12:25	77S	18:28	270	19:14
2026	Mar	20	(Fri)	05:36	06:22	90	12:25	77S	18:28	270	19:14
2026	Mar	21	(Sat)	05:35	06:21	90	12:25	77S	18:28	271	19:14
2026	Mar	22	(Sun)	05:35	06:21	89	12:24	78S	18:29	271	19:14
2026	Mar	23	(Mon)	05:34	06:20	89	12:24	78S	18:29	271	19:15
2026	Mar	24	(Tue)	05:33	06:19	88	12:24	79S	18:29	272	19:15
2026	Mar	25	(Wed)	05:33	06:19	88	12:24	79S	18:29	272	19:15
2026	Mar	26	(Thu)	05:32	06:18	88	12:23	79S	18:29	273	19:15
2026	Mar	27	(Fri)	05:31	06:17	87	12:23	80S	18:29	273	19:15
2026	Mar	28	(Sat)	05:30	06:16	87	12:23	80S	18:29	273	19:15
2026	Mar	29	(Sun)	05:30	06:16	86	12:22	81S	18:29	274	19:15
2026	Mar	30	(Mon)	05:29	06:15	86	12:22	81S	18:29	274	19:15
2026	Mar	31	(Tue)	05:28	06:14	86	12:22	81S	18:29	275	19:15
2026	Apr	01	(Wed)	05:28	06:14	85	12:21	82S	18:29	275	19:16
2026	Apr	02	(Thu)	05:27	06:13	85	12:21	82S	18:29	275	19:16
2026	Apr	03	(Fri)	05:26	06:12	84	12:21	82S	18:29	276	19:16
2026	Apr	04	(Sat)	05:25	06:12	84	12:21	83S	18:30	276	19:16
2026	Apr	05	(Sun)	05:25	06:11	84	12:20	83S	18:30	277	19:16
2026	Apr	06	(Mon)	05:24	06:10	83	12:20	84S	18:30	277	19:16
2026	Apr	07	(Tue)	05:23	06:10	83	12:20	84S	18:30	277	19:16
2026	Apr	08	(Wed)	05:23	06:09	82	12:19	84S	18:30	278	19:16
2026	Apr	09	(Thu)	05:22	06:08	82	12:19	85S	18:30	278	19:17
2026	Apr	10	(Fri)	05:21	06:08	82	12:19	85S	18:30	278	19:17
2026	Apr	11	(Sat)	05:21	06:07	81	12:19	85S	18:30	279	19:17
2026	Apr	12	(Sun)	05:20	06:07	81	12:18	86S	18:30	279	19:17
2026	Apr	13	(Mon)	05:19	06:06	81	12:18	86S	18:30	280	19:17
2026	Apr	14	(Tue)	05:19	06:05	80	12:18	87S	18:31	280	19:17
2026	Apr	15	(Wed)	05:18	06:05	80	12:18	87S	18:31	280	19:18
2026	Apr	16	(Thu)	05:17	06:04	79	12:17	87S	18:31	281	19:18
2026	Apr	17	(Fri)	05:17	06:04	79	12:17	88S	18:31	281	19:18
2026	Apr	18	(Sat)	05:16	06:03	79	12:17	88S	18:31	281	19:18
2026	Apr	19	(Sun)	05:15	06:02	78	12:17	88S	18:31	282	19:18
2026	Apr	20	(Mon)	05:15	06:02	78	12:16	89S	18:31	282	19:19
2026	Apr	21	(Tue)	05:14	06:01	78	12:16	89S	18:31	283	19:19
2026	Apr	22	(Wed)	05:13	06:01	77	12:16	89S	18:32	283	19:19
2026	Apr	23	(Thu)	05:13	06:00	77	12:16	90S	18:32	283	19:19
2026	Apr	24	(Fri)	05:12	06:00	77	12:16	90S	18:32	284	19:19
2026	Apr	25	(Sat)	05:12	05:59	76	12:16	90S	18:32	284	19:20
2026	Apr	26	(Sun)	05:11	05:59	76	12:15	91S	18:32	284	19:20
2026	Apr	27	(Mon)	05:10	05:58	76	12:15	90N	18:32	285	19:20
2026	Apr	28	(Tue)	05:10	05:58	75	12:15	90N	18:33	285	19:20
2026	Apr	29	(Wed)	05:09	05:57	75	12:15	90N	18:33	285	19:21
2026	Apr	30	(Thu)	05:09	05:57	75	12:15	90N	18:33	286	19:21
2026	May	01	(Fri)	05:08	05:56	74	12:15	89N	18:33	286	19:21
2026	May	02	(Sat)	05:08	05:56	74	12:15	89N	18:33	286	19:22

2026	May	03	(Sun)	05:07	05:55	74	12:14	89N	18:34	286	19:22
2026	May	04	(Mon)	05:07	05:55	73	12:14	88N	18:34	287	19:22
2026	May	05	(Tue)	05:06	05:55	73	12:14	88N	18:34	287	19:22
2026	May	06	(Wed)	05:06	05:54	73	12:14	88N	18:34	287	19:23
2026	May	07	(Thu)	05:05	05:54	73	12:14	87N	18:34	288	19:23
2026	May	08	(Fri)	05:05	05:54	72	12:14	87N	18:35	288	19:23
2026	May	09	(Sat)	05:04	05:53	72	12:14	87N	18:35	288	19:24
2026	May	10	(Sun)	05:04	05:53	72	12:14	87N	18:35	288	19:24
2026	May	11	(Mon)	05:04	05:53	71	12:14	86N	18:35	289	19:24
2026	May	12	(Tue)	05:03	05:52	71	12:14	86N	18:36	289	19:25
2026	May	13	(Wed)	05:03	05:52	71	12:14	86N	18:36	289	19:25
2026	May	14	(Thu)	05:02	05:52	71	12:14	86N	18:36	289	19:25
2026	May	15	(Fri)	05:02	05:51	70	12:14	85N	18:36	290	19:26
2026	May	16	(Sat)	05:02	05:51	70	12:14	85N	18:37	290	19:26
2026	May	17	(Sun)	05:01	05:51	70	12:14	85N	18:37	290	19:27
2026	May	18	(Mon)	05:01	05:51	70	12:14	85N	18:37	290	19:27
2026	May	19	(Tue)	05:01	05:50	69	12:14	85N	18:38	291	19:27
2026	May	20	(Wed)	05:01	05:50	69	12:14	84N	18:38	291	19:28
2026	May	21	(Thu)	05:00	05:50	69	12:14	84N	18:38	291	19:28
2026	May	22	(Fri)	05:00	05:50	69	12:14	84N	18:38	291	19:28
2026	May	23	(Sat)	05:00	05:50	69	12:14	84N	18:39	291	19:29
2026	May	24	(Sun)	05:00	05:50	68	12:14	84N	18:39	292	19:29
2026	May	25	(Mon)	04:59	05:50	68	12:14	83N	18:39	292	19:30
2026	May	26	(Tue)	04:59	05:49	68	12:15	83N	18:40	292	19:30
2026	May	27	(Wed)	04:59	05:49	68	12:15	83N	18:40	292	19:30
2026	May	28	(Thu)	04:59	05:49	68	12:15	83N	18:40	292	19:31
2026	May	29	(Fri)	04:59	05:49	68	12:15	83N	18:41	293	19:31
2026	May	30	(Sat)	04:59	05:49	67	12:15	83N	18:41	293	19:31
2026	May	31	(Sun)	04:59	05:49	67	12:15	82N	18:41	293	19:32
2026	Jun	01	(Mon)	04:59	05:49	67	12:15	82N	18:42	293	19:32
2026	Jun	02	(Tue)	04:59	05:49	67	12:15	82N	18:42	293	19:33
2026	Jun	03	(Wed)	04:59	05:49	67	12:16	82N	18:42	293	19:33
2026	Jun	04	(Thu)	04:58	05:49	67	12:16	82N	18:42	293	19:33
2026	Jun	05	(Fri)	04:58	05:49	67	12:16	82N	18:43	293	19:34
2026	Jun	06	(Sat)	04:58	05:49	66	12:16	82N	18:43	294	19:34
2026	Jun	07	(Sun)	04:58	05:49	66	12:16	82N	18:43	294	19:34
2026	Jun	08	(Mon)	04:59	05:49	66	12:17	81N	18:44	294	19:35
2026	Jun	09	(Tue)	04:59	05:50	66	12:17	81N	18:44	294	19:35
2026	Jun	10	(Wed)	04:59	05:50	66	12:17	81N	18:44	294	19:35
2026	Jun	11	(Thu)	04:59	05:50	66	12:17	81N	18:45	294	19:36
2026	Jun	12	(Fri)	04:59	05:50	66	12:17	81N	18:45	294	19:36
2026	Jun	13	(Sat)	04:59	05:50	66	12:18	81N	18:45	294	19:36
2026	Jun	14	(Sun)	04:59	05:50	66	12:18	81N	18:45	294	19:37
2026	Jun	15	(Mon)	04:59	05:50	66	12:18	81N	18:46	294	19:37
2026	Jun	16	(Tue)	04:59	05:50	66	12:18	81N	18:46	294	19:37
2026	Jun	17	(Wed)	04:59	05:51	66	12:18	81N	18:46	294	19:37
2026	Jun	18	(Thu)	05:00	05:51	66	12:19	81N	18:46	294	19:38
2026	Jun	19	(Fri)	05:00	05:51	66	12:19	81N	18:47	294	19:38
2026	Jun	20	(Sat)	05:00	05:51	66	12:19	81N	18:47	294	19:38
2026	Jun	21	(Sun)	05:00	05:51	66	12:19	81N	18:47	294	19:38
2026	Jun	22	(Mon)	05:00	05:52	66	12:19	81N	18:47	294	19:39
2026	Jun	23	(Tue)	05:01	05:52	66	12:20	81N	18:48	294	19:39
2026	Jun	24	(Wed)	05:01	05:52	66	12:20	81N	18:48	294	19:39
2026	Jun	25	(Thu)	05:01	05:52	66	12:20	81N	18:48	294	19:39
2026	Jun	26	(Fri)	05:01	05:53	66	12:20	81N	18:48	294	19:39
2026	Jun	27	(Sat)	05:02	05:53	66	12:21	81N	18:48	294	19:39
2026	Jun	28	(Sun)	05:02	05:53	66	12:21	81N	18:48	294	19:40
2026	Jun	29	(Mon)	05:02	05:53	66	12:21	81N	18:49	294	19:40
2026	Jun	30	(Tue)	05:03	05:54	66	12:21	81N	18:49	294	19:40
2026	Jul	01	(Wed)	05:03	05:54	66	12:21	81N	18:49	294	19:40
2026	Jul	02	(Thu)	05:03	05:54	66	12:22	81N	18:49	294	19:40
2026	Jul	03	(Fri)	05:03	05:54	66	12:22	81N	18:49	294	19:40
2026	Jul	04	(Sat)	05:04	05:55	66	12:22	81N	18:49	294	19:40
2026	Jul	05	(Sun)	05:04	05:55	66	12:22	81N	18:49	294	19:40
2026	Jul	06	(Mon)	05:04	05:55	66	12:22	82N	18:49	294	19:40
2026	Jul	07	(Tue)	05:05	05:56	66	12:22	82N	18:49	293	19:40
2026	Jul	08	(Wed)	05:05	05:56	67	12:23	82N	18:49	293	19:40

2026	Jul 09	(Thu)	05:05	05:56	67	12:23	82N	18:49	293	19:40
2026	Jul 10	(Fri)	05:06	05:56	67	12:23	82N	18:49	293	19:40
2026	Jul 11	(Sat)	05:06	05:57	67	12:23	82N	18:49	293	19:40
2026	Jul 12	(Sun)	05:06	05:57	67	12:23	82N	18:49	293	19:40
2026	Jul 13	(Mon)	05:07	05:57	67	12:23	82N	18:49	293	19:40
2026	Jul 14	(Tue)	05:07	05:58	67	12:23	83N	18:49	293	19:39
2026	Jul 15	(Wed)	05:08	05:58	68	12:24	83N	18:49	292	19:39
2026	Jul 16	(Thu)	05:08	05:58	68	12:24	83N	18:49	292	19:39
2026	Jul 17	(Fri)	05:08	05:58	68	12:24	83N	18:49	292	19:39
2026	Jul 18	(Sat)	05:09	05:59	68	12:24	83N	18:49	292	19:39
2026	Jul 19	(Sun)	05:09	05:59	68	12:24	83N	18:49	292	19:39
2026	Jul 20	(Mon)	05:09	05:59	68	12:24	84N	18:48	291	19:38
2026	Jul 21	(Tue)	05:10	06:00	69	12:24	84N	18:48	291	19:38
2026	Jul 22	(Wed)	05:10	06:00	69	12:24	84N	18:48	291	19:38
2026	Jul 23	(Thu)	05:10	06:00	69	12:24	84N	18:48	291	19:38
2026	Jul 24	(Fri)	05:11	06:00	69	12:24	84N	18:48	291	19:37
2026	Jul 25	(Sat)	05:11	06:01	69	12:24	85N	18:47	290	19:37
2026	Jul 26	(Sun)	05:11	06:01	70	12:24	85N	18:47	290	19:37
2026	Jul 27	(Mon)	05:12	06:01	70	12:24	85N	18:47	290	19:36
2026	Jul 28	(Tue)	05:12	06:01	70	12:24	85N	18:47	290	19:36
2026	Jul 29	(Wed)	05:12	06:02	70	12:24	86N	18:46	289	19:36
2026	Jul 30	(Thu)	05:13	06:02	71	12:24	86N	18:46	289	19:35
2026	Jul 31	(Fri)	05:13	06:02	71	12:24	86N	18:46	289	19:35
2026	Aug 01	(Sat)	05:13	06:02	71	12:24	86N	18:45	289	19:34
2026	Aug 02	(Sun)	05:13	06:02	71	12:24	87N	18:45	288	19:34
2026	Aug 03	(Mon)	05:14	06:03	72	12:24	87N	18:45	288	19:34
2026	Aug 04	(Tue)	05:14	06:03	72	12:24	87N	18:44	288	19:33
2026	Aug 05	(Wed)	05:14	06:03	72	12:24	87N	18:44	288	19:33
2026	Aug 06	(Thu)	05:15	06:03	73	12:23	88N	18:44	287	19:32
2026	Aug 07	(Fri)	05:15	06:03	73	12:23	88N	18:43	287	19:32
2026	Aug 08	(Sat)	05:15	06:04	73	12:23	88N	18:43	287	19:31
2026	Aug 09	(Sun)	05:15	06:04	73	12:23	88N	18:42	286	19:31
2026	Aug 10	(Mon)	05:16	06:04	74	12:23	89N	18:42	286	19:30
2026	Aug 11	(Tue)	05:16	06:04	74	12:23	89N	18:41	286	19:29
2026	Aug 12	(Wed)	05:16	06:04	74	12:23	89N	18:41	286	19:29
2026	Aug 13	(Thu)	05:16	06:04	75	12:22	90N	18:40	285	19:28
2026	Aug 14	(Fri)	05:17	06:05	75	12:22	90N	18:40	285	19:28
2026	Aug 15	(Sat)	05:17	06:05	75	12:22	90N	18:39	285	19:27
2026	Aug 16	(Sun)	05:17	06:05	76	12:22	91N	18:39	284	19:27
2026	Aug 17	(Mon)	05:17	06:05	76	12:22	91S	18:38	284	19:26
2026	Aug 18	(Tue)	05:17	06:05	76	12:21	90S	18:38	284	19:25
2026	Aug 19	(Wed)	05:18	06:05	77	12:21	90S	18:37	283	19:25
2026	Aug 20	(Thu)	05:18	06:05	77	12:21	90S	18:37	283	19:24
2026	Aug 21	(Fri)	05:18	06:05	77	12:21	89S	18:36	283	19:23
2026	Aug 22	(Sat)	05:18	06:05	78	12:21	89S	18:35	282	19:23
2026	Aug 23	(Sun)	05:18	06:06	78	12:20	89S	18:35	282	19:22
2026	Aug 24	(Mon)	05:18	06:06	78	12:20	88S	18:34	282	19:21
2026	Aug 25	(Tue)	05:19	06:06	79	12:20	88S	18:34	281	19:21
2026	Aug 26	(Wed)	05:19	06:06	79	12:19	88S	18:33	281	19:20
2026	Aug 27	(Thu)	05:19	06:06	79	12:19	87S	18:32	280	19:19
2026	Aug 28	(Fri)	05:19	06:06	80	12:19	87S	18:32	280	19:18
2026	Aug 29	(Sat)	05:19	06:06	80	12:19	86S	18:31	280	19:18
2026	Aug 30	(Sun)	05:19	06:06	80	12:18	86S	18:30	279	19:17
2026	Aug 31	(Mon)	05:19	06:06	81	12:18	86S	18:30	279	19:16
2026	Sep 01	(Tue)	05:19	06:06	81	12:18	85S	18:29	279	19:16
2026	Sep 02	(Wed)	05:20	06:06	82	12:17	85S	18:28	278	19:15
2026	Sep 03	(Thu)	05:20	06:06	82	12:17	85S	18:28	278	19:14
2026	Sep 04	(Fri)	05:20	06:06	82	12:17	84S	18:27	277	19:13
2026	Sep 05	(Sat)	05:20	06:06	83	12:16	84S	18:26	277	19:13
2026	Sep 06	(Sun)	05:20	06:06	83	12:16	84S	18:25	277	19:12
2026	Sep 07	(Mon)	05:20	06:06	83	12:16	83S	18:25	276	19:11
2026	Sep 08	(Tue)	05:20	06:06	84	12:15	83S	18:24	276	19:10
2026	Sep 09	(Wed)	05:20	06:06	84	12:15	82S	18:23	276	19:10
2026	Sep 10	(Thu)	05:20	06:06	85	12:15	82S	18:23	275	19:09
2026	Sep 11	(Fri)	05:20	06:06	85	12:14	82S	18:22	275	19:08
2026	Sep 12	(Sat)	05:20	06:06	85	12:14	81S	18:21	274	19:07
2026	Sep 13	(Sun)	05:20	06:06	86	12:14	81S	18:20	274	19:07

2026	Sep	14	(Mon)	05:20	06:06	86	12:13	81S	18:20	274	19:06
2026	Sep	15	(Tue)	05:20	06:07	87	12:13	80S	18:19	273	19:05
2026	Sep	16	(Wed)	05:20	06:07	87	12:12	80S	18:18	273	19:04
2026	Sep	17	(Thu)	05:20	06:07	87	12:12	79S	18:18	272	19:04
2026	Sep	18	(Fri)	05:21	06:07	88	12:12	79S	18:17	272	19:03
2026	Sep	19	(Sat)	05:21	06:07	88	12:11	79S	18:16	272	19:02
2026	Sep	20	(Sun)	05:21	06:07	89	12:11	78S	18:15	271	19:01
2026	Sep	21	(Mon)	05:21	06:07	89	12:11	78S	18:15	271	19:01
2026	Sep	22	(Tue)	05:21	06:07	89	12:10	77S	18:14	270	19:00
2026	Sep	23	(Wed)	05:21	06:07	90	12:10	77S	18:13	270	18:59
2026	Sep	24	(Thu)	05:21	06:07	90	12:10	77S	18:12	270	18:58
2026	Sep	25	(Fri)	05:21	06:07	91	12:09	76S	18:12	269	18:58
2026	Sep	26	(Sat)	05:21	06:07	91	12:09	76S	18:11	269	18:57
2026	Sep	27	(Sun)	05:21	06:07	91	12:09	75S	18:10	268	18:56
2026	Sep	28	(Mon)	05:21	06:07	92	12:08	75S	18:10	268	18:55
2026	Sep	29	(Tue)	05:21	06:07	92	12:08	75S	18:09	268	18:55
2026	Sep	30	(Wed)	05:21	06:07	93	12:08	74S	18:08	267	18:54
2026	Oct	01	(Thu)	05:21	06:07	93	12:07	74S	18:07	267	18:53
2026	Oct	02	(Fri)	05:21	06:07	93	12:07	74S	18:07	266	18:53
2026	Oct	03	(Sat)	05:21	06:07	94	12:07	73S	18:06	266	18:52
2026	Oct	04	(Sun)	05:21	06:07	94	12:06	73S	18:05	266	18:51
2026	Oct	05	(Mon)	05:21	06:07	95	12:06	72S	18:05	265	18:51
2026	Oct	06	(Tue)	05:21	06:07	95	12:06	72S	18:04	265	18:50
2026	Oct	07	(Wed)	05:21	06:07	95	12:05	72S	18:03	264	18:49
2026	Oct	08	(Thu)	05:21	06:07	96	12:05	71S	18:03	264	18:49
2026	Oct	09	(Fri)	05:21	06:07	96	12:05	71S	18:02	264	18:48
2026	Oct	10	(Sat)	05:21	06:08	97	12:05	70S	18:01	263	18:48
2026	Oct	11	(Sun)	05:22	06:08	97	12:04	70S	18:01	263	18:47
2026	Oct	12	(Mon)	05:22	06:08	97	12:04	70S	18:00	262	18:46
2026	Oct	13	(Tue)	05:22	06:08	98	12:04	69S	18:00	262	18:46
2026	Oct	14	(Wed)	05:22	06:08	98	12:04	69S	17:59	262	18:45
2026	Oct	15	(Thu)	05:22	06:08	98	12:03	69S	17:58	261	18:45
2026	Oct	16	(Fri)	05:22	06:08	99	12:03	68S	17:58	261	18:44
2026	Oct	17	(Sat)	05:22	06:08	99	12:03	68S	17:57	261	18:44
2026	Oct	18	(Sun)	05:22	06:09	100	12:03	68S	17:57	260	18:43
2026	Oct	19	(Mon)	05:22	06:09	100	12:03	67S	17:56	260	18:43
2026	Oct	20	(Tue)	05:22	06:09	100	12:02	67S	17:56	259	18:42
2026	Oct	21	(Wed)	05:23	06:09	101	12:02	66S	17:55	259	18:42
2026	Oct	22	(Thu)	05:23	06:09	101	12:02	66S	17:55	259	18:41
2026	Oct	23	(Fri)	05:23	06:10	101	12:02	66S	17:54	258	18:41
2026	Oct	24	(Sat)	05:23	06:10	102	12:02	65S	17:54	258	18:40
2026	Oct	25	(Sun)	05:23	06:10	102	12:02	65S	17:53	258	18:40
2026	Oct	26	(Mon)	05:23	06:10	103	12:02	65S	17:53	257	18:40
2026	Oct	27	(Tue)	05:23	06:10	103	12:01	64S	17:52	257	18:39
2026	Oct	28	(Wed)	05:24	06:11	103	12:01	64S	17:52	257	18:39
2026	Oct	29	(Thu)	05:24	06:11	104	12:01	64S	17:51	256	18:38
2026	Oct	30	(Fri)	05:24	06:11	104	12:01	63S	17:51	256	18:38
2026	Oct	31	(Sat)	05:24	06:11	104	12:01	63S	17:51	256	18:38
2026	Nov	01	(Sun)	05:25	06:12	105	12:01	63S	17:50	255	18:38
2026	Nov	02	(Mon)	05:25	06:12	105	12:01	62S	17:50	255	18:37
2026	Nov	03	(Tue)	05:25	06:12	105	12:01	62S	17:50	255	18:37
2026	Nov	04	(Wed)	05:25	06:13	106	12:01	62S	17:49	254	18:37
2026	Nov	05	(Thu)	05:26	06:13	106	12:01	61S	17:49	254	18:37
2026	Nov	06	(Fri)	05:26	06:13	106	12:01	61S	17:49	254	18:36
2026	Nov	07	(Sat)	05:26	06:14	106	12:01	61S	17:49	253	18:36
2026	Nov	08	(Sun)	05:26	06:14	107	12:01	61S	17:48	253	18:36
2026	Nov	09	(Mon)	05:27	06:14	107	12:01	60S	17:48	253	18:36
2026	Nov	10	(Tue)	05:27	06:15	107	12:01	60S	17:48	252	18:36
2026	Nov	11	(Wed)	05:27	06:15	108	12:02	60S	17:48	252	18:36
2026	Nov	12	(Thu)	05:28	06:16	108	12:02	59S	17:48	252	18:36
2026	Nov	13	(Fri)	05:28	06:16	108	12:02	59S	17:47	252	18:35
2026	Nov	14	(Sat)	05:28	06:16	108	12:02	59S	17:47	251	18:35
2026	Nov	15	(Sun)	05:29	06:17	109	12:02	59S	17:47	251	18:35
2026	Nov	16	(Mon)	05:29	06:17	109	12:02	58S	17:47	251	18:35
2026	Nov	17	(Tue)	05:29	06:18	109	12:02	58S	17:47	251	18:35
2026	Nov	18	(Wed)	05:30	06:18	110	12:03	58S	17:47	250	18:35
2026	Nov	19	(Thu)	05:30	06:19	110	12:03	58S	17:47	250	18:35

2026	Nov	20	(Fri)	05:31	06:19	110	12:03	57S	17:47	250	18:35
2026	Nov	21	(Sat)	05:31	06:20	110	12:03	57S	17:47	250	18:36
2026	Nov	22	(Sun)	05:31	06:20	110	12:04	57S	17:47	249	18:36
2026	Nov	23	(Mon)	05:32	06:21	111	12:04	57S	17:47	249	18:36
2026	Nov	24	(Tue)	05:32	06:21	111	12:04	57S	17:47	249	18:36
2026	Nov	25	(Wed)	05:33	06:22	111	12:04	56S	17:47	249	18:36
2026	Nov	26	(Thu)	05:33	06:22	111	12:05	56S	17:47	249	18:36
2026	Nov	27	(Fri)	05:34	06:23	111	12:05	56S	17:47	248	18:36
2026	Nov	28	(Sat)	05:34	06:23	112	12:05	56S	17:47	248	18:37
2026	Nov	29	(Sun)	05:35	06:24	112	12:06	56S	17:48	248	18:37
2026	Nov	30	(Mon)	05:35	06:24	112	12:06	55S	17:48	248	18:37
2026	Dec	01	(Tue)	05:36	06:25	112	12:06	55S	17:48	248	18:37
2026	Dec	02	(Wed)	05:36	06:25	112	12:07	55S	17:48	248	18:38
2026	Dec	03	(Thu)	05:37	06:26	113	12:07	55S	17:48	247	18:38
2026	Dec	04	(Fri)	05:37	06:26	113	12:08	55S	17:49	247	18:38
2026	Dec	05	(Sat)	05:38	06:27	113	12:08	55S	17:49	247	18:38
2026	Dec	06	(Sun)	05:38	06:27	113	12:08	55S	17:49	247	18:39
2026	Dec	07	(Mon)	05:39	06:28	113	12:09	55S	17:50	247	18:39
2026	Dec	08	(Tue)	05:39	06:29	113	12:09	54S	17:50	247	18:39
2026	Dec	09	(Wed)	05:40	06:29	113	12:10	54S	17:50	247	18:40
2026	Dec	10	(Thu)	05:40	06:30	113	12:10	54S	17:51	247	18:40
2026	Dec	11	(Fri)	05:41	06:30	113	12:11	54S	17:51	247	18:41
2026	Dec	12	(Sat)	05:41	06:31	114	12:11	54S	17:51	246	18:41
2026	Dec	13	(Sun)	05:42	06:31	114	12:12	54S	17:52	246	18:41
2026	Dec	14	(Mon)	05:42	06:32	114	12:12	54S	17:52	246	18:42
2026	Dec	15	(Tue)	05:43	06:32	114	12:13	54S	17:53	246	18:42
2026	Dec	16	(Wed)	05:43	06:33	114	12:13	54S	17:53	246	18:43
2026	Dec	17	(Thu)	05:44	06:34	114	12:13	54S	17:53	246	18:43
2026	Dec	18	(Fri)	05:44	06:34	114	12:14	54S	17:54	246	18:44
2026	Dec	19	(Sat)	05:45	06:35	114	12:14	54S	17:54	246	18:44
2026	Dec	20	(Sun)	05:45	06:35	114	12:15	54S	17:55	246	18:45
2026	Dec	21	(Mon)	05:46	06:36	114	12:15	54S	17:55	246	18:45
2026	Dec	22	(Tue)	05:46	06:36	114	12:16	54S	17:56	246	18:46
2026	Dec	23	(Wed)	05:47	06:37	114	12:16	54S	17:56	246	18:46
2026	Dec	24	(Thu)	05:47	06:37	114	12:17	54S	17:57	246	18:47
2026	Dec	25	(Fri)	05:48	06:38	114	12:17	54S	17:57	246	18:47
2026	Dec	26	(Sat)	05:48	06:38	114	12:18	54S	17:58	246	18:48
2026	Dec	27	(Sun)	05:49	06:38	114	12:18	54S	17:58	246	18:48
2026	Dec	28	(Mon)	05:49	06:39	114	12:19	54S	17:59	246	18:49
2026	Dec	29	(Tue)	05:50	06:39	114	12:19	54S	17:59	246	18:49
2026	Dec	30	(Wed)	05:50	06:40	114	12:20	54S	18:00	246	18:50
2026	Dec	31	(Thu)	05:50	06:40	114	12:20	54S	18:01	246	18:50

Sun

060.Samut Prakarn

Location: E100°37'15.5", N13°34'19.1", 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
2026	Jan	01	(Thu)	06:18	06:41	114	12:21	54S	18:01	247	18:24
2026	Jan	02	(Fri)	06:18	06:41	113	12:21	54S	18:02	247	18:25
2026	Jan	03	(Sat)	06:18	06:41	113	12:22	54S	18:02	247	18:25
2026	Jan	04	(Sun)	06:19	06:42	113	12:22	54S	18:03	247	18:26
2026	Jan	05	(Mon)	06:19	06:42	113	12:23	55S	18:04	247	18:27
2026	Jan	06	(Tue)	06:19	06:42	113	12:23	55S	18:04	247	18:27
2026	Jan	07	(Wed)	06:20	06:43	113	12:24	55S	18:05	247	18:28
2026	Jan	08	(Thu)	06:20	06:43	113	12:24	55S	18:05	247	18:28
2026	Jan	09	(Fri)	06:20	06:43	113	12:25	55S	18:06	247	18:29
2026	Jan	10	(Sat)	06:21	06:43	112	12:25	55S	18:06	248	18:29
2026	Jan	11	(Sun)	06:21	06:44	112	12:25	55S	18:07	248	18:30
2026	Jan	12	(Mon)	06:21	06:44	112	12:26	55S	18:08	248	18:30

2026	Jan 13	(Tue)	06:21	06:44	112	12:26	56S	18:08	248	18:31
2026	Jan 14	(Wed)	06:22	06:44	112	12:26	56S	18:09	248	18:31
2026	Jan 15	(Thu)	06:22	06:44	112	12:27	56S	18:09	249	18:32
2026	Jan 16	(Fri)	06:22	06:45	111	12:27	56S	18:10	249	18:33
2026	Jan 17	(Sat)	06:22	06:45	111	12:28	56S	18:10	249	18:33
2026	Jan 18	(Sun)	06:22	06:45	111	12:28	57S	18:11	249	18:34
2026	Jan 19	(Mon)	06:22	06:45	111	12:28	57S	18:11	249	18:34
2026	Jan 20	(Tue)	06:22	06:45	111	12:28	57S	18:12	250	18:35
2026	Jan 21	(Wed)	06:23	06:45	110	12:29	57S	18:12	250	18:35
2026	Jan 22	(Thu)	06:23	06:45	110	12:29	57S	18:13	250	18:36
2026	Jan 23	(Fri)	06:23	06:45	110	12:29	58S	18:13	250	18:36
2026	Jan 24	(Sat)	06:23	06:45	110	12:30	58S	18:14	250	18:36
2026	Jan 25	(Sun)	06:23	06:45	109	12:30	58S	18:14	251	18:37
2026	Jan 26	(Mon)	06:23	06:45	109	12:30	58S	18:15	251	18:37
2026	Jan 27	(Tue)	06:23	06:45	109	12:30	59S	18:15	251	18:38
2026	Jan 28	(Wed)	06:23	06:45	109	12:30	59S	18:16	252	18:38
2026	Jan 29	(Thu)	06:23	06:45	108	12:31	59S	18:16	252	18:39
2026	Jan 30	(Fri)	06:23	06:45	108	12:31	59S	18:17	252	18:39
2026	Jan 31	(Sat)	06:22	06:45	108	12:31	60S	18:17	252	18:40
2026	Feb 01	(Sun)	06:22	06:45	107	12:31	60S	18:18	253	18:40
2026	Feb 02	(Mon)	06:22	06:44	107	12:31	60S	18:18	253	18:40
2026	Feb 03	(Tue)	06:22	06:44	107	12:31	61S	18:19	253	18:41
2026	Feb 04	(Wed)	06:22	06:44	107	12:31	61S	18:19	254	18:41
2026	Feb 05	(Thu)	06:22	06:44	106	12:31	61S	18:19	254	18:41
2026	Feb 06	(Fri)	06:21	06:43	106	12:32	62S	18:20	254	18:42
2026	Feb 07	(Sat)	06:21	06:43	106	12:32	62S	18:20	255	18:42
2026	Feb 08	(Sun)	06:21	06:43	105	12:32	62S	18:20	255	18:42
2026	Feb 09	(Mon)	06:21	06:43	105	12:32	62S	18:21	255	18:43
2026	Feb 10	(Tue)	06:20	06:42	105	12:32	63S	18:21	256	18:43
2026	Feb 11	(Wed)	06:20	06:42	104	12:32	63S	18:21	256	18:43
2026	Feb 12	(Thu)	06:20	06:42	104	12:32	63S	18:22	256	18:44
2026	Feb 13	(Fri)	06:20	06:41	104	12:32	64S	18:22	257	18:44
2026	Feb 14	(Sat)	06:19	06:41	103	12:32	64S	18:22	257	18:44
2026	Feb 15	(Sun)	06:19	06:41	103	12:32	64S	18:23	257	18:44
2026	Feb 16	(Mon)	06:19	06:40	103	12:32	65S	18:23	258	18:45
2026	Feb 17	(Tue)	06:18	06:40	102	12:31	65S	18:23	258	18:45
2026	Feb 18	(Wed)	06:18	06:39	102	12:31	66S	18:24	258	18:45
2026	Feb 19	(Thu)	06:17	06:39	101	12:31	66S	18:24	259	18:45
2026	Feb 20	(Fri)	06:17	06:39	101	12:31	66S	18:24	259	18:46
2026	Feb 21	(Sat)	06:16	06:38	101	12:31	67S	18:24	259	18:46
2026	Feb 22	(Sun)	06:16	06:38	100	12:31	67S	18:25	260	18:46
2026	Feb 23	(Mon)	06:16	06:37	100	12:31	67S	18:25	260	18:46
2026	Feb 24	(Tue)	06:15	06:37	100	12:31	68S	18:25	261	18:47
2026	Feb 25	(Wed)	06:15	06:36	99	12:31	68S	18:25	261	18:47
2026	Feb 26	(Thu)	06:14	06:36	99	12:30	68S	18:25	261	18:47
2026	Feb 27	(Fri)	06:14	06:35	98	12:30	69S	18:26	262	18:47
2026	Feb 28	(Sat)	06:13	06:34	98	12:30	69S	18:26	262	18:47
2026	Mar 01	(Sun)	06:13	06:34	98	12:30	70S	18:26	263	18:47
2026	Mar 02	(Mon)	06:12	06:33	97	12:30	70S	18:26	263	18:48
2026	Mar 03	(Tue)	06:11	06:33	97	12:29	70S	18:26	263	18:48
2026	Mar 04	(Wed)	06:11	06:32	97	12:29	71S	18:26	264	18:48
2026	Mar 05	(Thu)	06:10	06:32	96	12:29	71S	18:27	264	18:48
2026	Mar 06	(Fri)	06:10	06:31	96	12:29	71S	18:27	264	18:48
2026	Mar 07	(Sat)	06:09	06:30	95	12:29	72S	18:27	265	18:48
2026	Mar 08	(Sun)	06:08	06:30	95	12:28	72S	18:27	265	18:48
2026	Mar 09	(Mon)	06:08	06:29	95	12:28	73S	18:27	266	18:48
2026	Mar 10	(Tue)	06:07	06:29	94	12:28	73S	18:27	266	18:49
2026	Mar 11	(Wed)	06:07	06:28	94	12:28	73S	18:27	266	18:49
2026	Mar 12	(Thu)	06:06	06:27	93	12:27	74S	18:28	267	18:49
2026	Mar 13	(Fri)	06:05	06:27	93	12:27	74S	18:28	267	18:49
2026	Mar 14	(Sat)	06:05	06:26	92	12:27	75S	18:28	268	18:49
2026	Mar 15	(Sun)	06:04	06:25	92	12:26	75S	18:28	268	18:49
2026	Mar 16	(Mon)	06:03	06:25	92	12:26	75S	18:28	269	18:49
2026	Mar 17	(Tue)	06:03	06:24	91	12:26	76S	18:28	269	18:49
2026	Mar 18	(Wed)	06:02	06:23	91	12:26	76S	18:28	269	18:49
2026	Mar 19	(Thu)	06:01	06:23	90	12:25	77S	18:28	270	18:50
2026	Mar 20	(Fri)	06:01	06:22	90	12:25	77S	18:28	270	18:50

2026	Mar	21	(Sat)	06:00	06:21	90	12:25	77S	18:28	271	18:50
2026	Mar	22	(Sun)	05:59	06:21	89	12:24	78S	18:29	271	18:50
2026	Mar	23	(Mon)	05:59	06:20	89	12:24	78S	18:29	271	18:50
2026	Mar	24	(Tue)	05:58	06:19	88	12:24	79S	18:29	272	18:50
2026	Mar	25	(Wed)	05:57	06:19	88	12:24	79S	18:29	272	18:50
2026	Mar	26	(Thu)	05:57	06:18	88	12:23	79S	18:29	273	18:50
2026	Mar	27	(Fri)	05:56	06:17	87	12:23	80S	18:29	273	18:50
2026	Mar	28	(Sat)	05:55	06:16	87	12:23	80S	18:29	273	18:50
2026	Mar	29	(Sun)	05:55	06:16	86	12:22	81S	18:29	274	18:50
2026	Mar	30	(Mon)	05:54	06:15	86	12:22	81S	18:29	274	18:50
2026	Mar	31	(Tue)	05:53	06:14	86	12:22	81S	18:29	275	18:51
2026	Apr	01	(Wed)	05:52	06:14	85	12:21	82S	18:29	275	18:51
2026	Apr	02	(Thu)	05:52	06:13	85	12:21	82S	18:29	275	18:51
2026	Apr	03	(Fri)	05:51	06:12	84	12:21	82S	18:29	276	18:51
2026	Apr	04	(Sat)	05:50	06:12	84	12:21	83S	18:30	276	18:51
2026	Apr	05	(Sun)	05:50	06:11	84	12:20	83S	18:30	277	18:51
2026	Apr	06	(Mon)	05:49	06:10	83	12:20	84S	18:30	277	18:51
2026	Apr	07	(Tue)	05:48	06:10	83	12:20	84S	18:30	277	18:51
2026	Apr	08	(Wed)	05:48	06:09	82	12:19	84S	18:30	278	18:51
2026	Apr	09	(Thu)	05:47	06:08	82	12:19	85S	18:30	278	18:52
2026	Apr	10	(Fri)	05:46	06:08	82	12:19	85S	18:30	278	18:52
2026	Apr	11	(Sat)	05:46	06:07	81	12:19	85S	18:30	279	18:52
2026	Apr	12	(Sun)	05:45	06:07	81	12:18	86S	18:30	279	18:52
2026	Apr	13	(Mon)	05:44	06:06	81	12:18	86S	18:30	280	18:52
2026	Apr	14	(Tue)	05:44	06:05	80	12:18	87S	18:31	280	18:52
2026	Apr	15	(Wed)	05:43	06:05	80	12:18	87S	18:31	280	18:52
2026	Apr	16	(Thu)	05:42	06:04	79	12:17	87S	18:31	281	18:52
2026	Apr	17	(Fri)	05:42	06:04	79	12:17	88S	18:31	281	18:53
2026	Apr	18	(Sat)	05:41	06:03	79	12:17	88S	18:31	281	18:53
2026	Apr	19	(Sun)	05:41	06:02	78	12:17	88S	18:31	282	18:53
2026	Apr	20	(Mon)	05:40	06:02	78	12:16	89S	18:31	282	18:53
2026	Apr	21	(Tue)	05:39	06:01	78	12:16	89S	18:31	283	18:53
2026	Apr	22	(Wed)	05:39	06:01	77	12:16	89S	18:32	283	18:53
2026	Apr	23	(Thu)	05:38	06:00	77	12:16	90S	18:32	283	18:54
2026	Apr	24	(Fri)	05:38	06:00	77	12:16	90S	18:32	284	18:54
2026	Apr	25	(Sat)	05:37	05:59	76	12:16	90S	18:32	284	18:54
2026	Apr	26	(Sun)	05:37	05:59	76	12:15	91S	18:32	284	18:54
2026	Apr	27	(Mon)	05:36	05:58	76	12:15	90N	18:32	285	18:54
2026	Apr	28	(Tue)	05:36	05:58	75	12:15	90N	18:33	285	18:55
2026	Apr	29	(Wed)	05:35	05:57	75	12:15	90N	18:33	285	18:55
2026	Apr	30	(Thu)	05:35	05:57	75	12:15	90N	18:33	286	18:55
2026	May	01	(Fri)	05:34	05:56	74	12:15	89N	18:33	286	18:55
2026	May	02	(Sat)	05:34	05:56	74	12:15	89N	18:33	286	18:56
2026	May	03	(Sun)	05:33	05:55	74	12:14	89N	18:34	286	18:56
2026	May	04	(Mon)	05:33	05:55	73	12:14	88N	18:34	287	18:56
2026	May	05	(Tue)	05:32	05:55	73	12:14	88N	18:34	287	18:56
2026	May	06	(Wed)	05:32	05:54	73	12:14	88N	18:34	287	18:57
2026	May	07	(Thu)	05:31	05:54	73	12:14	87N	18:34	288	18:57
2026	May	08	(Fri)	05:31	05:54	72	12:14	87N	18:35	288	18:57
2026	May	09	(Sat)	05:31	05:53	72	12:14	87N	18:35	288	18:57
2026	May	10	(Sun)	05:30	05:53	72	12:14	87N	18:35	288	18:58
2026	May	11	(Mon)	05:30	05:53	71	12:14	86N	18:35	289	18:58
2026	May	12	(Tue)	05:30	05:52	71	12:14	86N	18:36	289	18:58
2026	May	13	(Wed)	05:29	05:52	71	12:14	86N	18:36	289	18:59
2026	May	14	(Thu)	05:29	05:52	71	12:14	86N	18:36	289	18:59
2026	May	15	(Fri)	05:29	05:51	70	12:14	85N	18:36	290	18:59
2026	May	16	(Sat)	05:28	05:51	70	12:14	85N	18:37	290	18:59
2026	May	17	(Sun)	05:28	05:51	70	12:14	85N	18:37	290	19:00
2026	May	18	(Mon)	05:28	05:51	70	12:14	85N	18:37	290	19:00
2026	May	19	(Tue)	05:28	05:50	69	12:14	85N	18:38	291	19:00
2026	May	20	(Wed)	05:27	05:50	69	12:14	84N	18:38	291	19:01
2026	May	21	(Thu)	05:27	05:50	69	12:14	84N	18:38	291	19:01
2026	May	22	(Fri)	05:27	05:50	69	12:14	84N	18:38	291	19:01
2026	May	23	(Sat)	05:27	05:50	69	12:14	84N	18:39	291	19:02
2026	May	24	(Sun)	05:27	05:50	68	12:14	84N	18:39	292	19:02
2026	May	25	(Mon)	05:27	05:50	68	12:14	83N	18:39	292	19:02
2026	May	26	(Tue)	05:26	05:49	68	12:15	83N	18:40	292	19:03

2026	May 27	(Wed)	05:26	05:49	68	12:15	83N	18:40	292	19:03
2026	May 28	(Thu)	05:26	05:49	68	12:15	83N	18:40	292	19:03
2026	May 29	(Fri)	05:26	05:49	68	12:15	83N	18:41	293	19:04
2026	May 30	(Sat)	05:26	05:49	67	12:15	83N	18:41	293	19:04
2026	May 31	(Sun)	05:26	05:49	67	12:15	82N	18:41	293	19:04
2026	Jun 01	(Mon)	05:26	05:49	67	12:15	82N	18:42	293	19:05
2026	Jun 02	(Tue)	05:26	05:49	67	12:15	82N	18:42	293	19:05
2026	Jun 03	(Wed)	05:26	05:49	67	12:16	82N	18:42	293	19:05
2026	Jun 04	(Thu)	05:26	05:49	67	12:16	82N	18:42	293	19:06
2026	Jun 05	(Fri)	05:26	05:49	67	12:16	82N	18:43	293	19:06
2026	Jun 06	(Sat)	05:26	05:49	66	12:16	82N	18:43	294	19:06
2026	Jun 07	(Sun)	05:26	05:49	66	12:16	82N	18:43	294	19:07
2026	Jun 08	(Mon)	05:26	05:49	66	12:17	81N	18:44	294	19:07
2026	Jun 09	(Tue)	05:26	05:50	66	12:17	81N	18:44	294	19:07
2026	Jun 10	(Wed)	05:26	05:50	66	12:17	81N	18:44	294	19:08
2026	Jun 11	(Thu)	05:26	05:50	66	12:17	81N	18:45	294	19:08
2026	Jun 12	(Fri)	05:26	05:50	66	12:17	81N	18:45	294	19:08
2026	Jun 13	(Sat)	05:27	05:50	66	12:18	81N	18:45	294	19:09
2026	Jun 14	(Sun)	05:27	05:50	66	12:18	81N	18:45	294	19:09
2026	Jun 15	(Mon)	05:27	05:50	66	12:18	81N	18:46	294	19:09
2026	Jun 16	(Tue)	05:27	05:50	66	12:18	81N	18:46	294	19:09
2026	Jun 17	(Wed)	05:27	05:51	66	12:18	81N	18:46	294	19:10
2026	Jun 18	(Thu)	05:27	05:51	66	12:19	81N	18:46	294	19:10
2026	Jun 19	(Fri)	05:28	05:51	66	12:19	81N	18:47	294	19:10
2026	Jun 20	(Sat)	05:28	05:51	66	12:19	81N	18:47	294	19:10
2026	Jun 21	(Sun)	05:28	05:51	66	12:19	81N	18:47	294	19:11
2026	Jun 22	(Mon)	05:28	05:52	66	12:19	81N	18:47	294	19:11
2026	Jun 23	(Tue)	05:28	05:52	66	12:20	81N	18:48	294	19:11
2026	Jun 24	(Wed)	05:29	05:52	66	12:20	81N	18:48	294	19:11
2026	Jun 25	(Thu)	05:29	05:52	66	12:20	81N	18:48	294	19:11
2026	Jun 26	(Fri)	05:29	05:53	66	12:20	81N	18:48	294	19:12
2026	Jun 27	(Sat)	05:29	05:53	66	12:21	81N	18:48	294	19:12
2026	Jun 28	(Sun)	05:30	05:53	66	12:21	81N	18:48	294	19:12
2026	Jun 29	(Mon)	05:30	05:53	66	12:21	81N	18:49	294	19:12
2026	Jun 30	(Tue)	05:30	05:54	66	12:21	81N	18:49	294	19:12
2026	Jul 01	(Wed)	05:30	05:54	66	12:21	81N	18:49	294	19:12
2026	Jul 02	(Thu)	05:31	05:54	66	12:22	81N	18:49	294	19:12
2026	Jul 03	(Fri)	05:31	05:54	66	12:22	81N	18:49	294	19:12
2026	Jul 04	(Sat)	05:31	05:55	66	12:22	81N	18:49	294	19:12
2026	Jul 05	(Sun)	05:32	05:55	66	12:22	81N	18:49	294	19:12
2026	Jul 06	(Mon)	05:32	05:55	66	12:22	82N	18:49	294	19:12
2026	Jul 07	(Tue)	05:32	05:56	66	12:22	82N	18:49	293	19:13
2026	Jul 08	(Wed)	05:33	05:56	67	12:23	82N	18:49	293	19:13
2026	Jul 09	(Thu)	05:33	05:56	67	12:23	82N	18:49	293	19:13
2026	Jul 10	(Fri)	05:33	05:56	67	12:23	82N	18:49	293	19:12
2026	Jul 11	(Sat)	05:34	05:57	67	12:23	82N	18:49	293	19:12
2026	Jul 12	(Sun)	05:34	05:57	67	12:23	82N	18:49	293	19:12
2026	Jul 13	(Mon)	05:34	05:57	67	12:23	82N	18:49	293	19:12
2026	Jul 14	(Tue)	05:34	05:58	67	12:23	83N	18:49	293	19:12
2026	Jul 15	(Wed)	05:35	05:58	68	12:24	83N	18:49	292	19:12
2026	Jul 16	(Thu)	05:35	05:58	68	12:24	83N	18:49	292	19:12
2026	Jul 17	(Fri)	05:35	05:58	68	12:24	83N	18:49	292	19:12
2026	Jul 18	(Sat)	05:36	05:59	68	12:24	83N	18:49	292	19:12
2026	Jul 19	(Sun)	05:36	05:59	68	12:24	83N	18:49	292	19:12
2026	Jul 20	(Mon)	05:36	05:59	68	12:24	84N	18:48	291	19:11
2026	Jul 21	(Tue)	05:37	06:00	69	12:24	84N	18:48	291	19:11
2026	Jul 22	(Wed)	05:37	06:00	69	12:24	84N	18:48	291	19:11
2026	Jul 23	(Thu)	05:37	06:00	69	12:24	84N	18:48	291	19:11
2026	Jul 24	(Fri)	05:38	06:00	69	12:24	84N	18:48	291	19:10
2026	Jul 25	(Sat)	05:38	06:01	69	12:24	85N	18:47	290	19:10
2026	Jul 26	(Sun)	05:38	06:01	70	12:24	85N	18:47	290	19:10
2026	Jul 27	(Mon)	05:38	06:01	70	12:24	85N	18:47	290	19:10
2026	Jul 28	(Tue)	05:39	06:01	70	12:24	85N	18:47	290	19:09
2026	Jul 29	(Wed)	05:39	06:02	70	12:24	86N	18:46	289	19:09
2026	Jul 30	(Thu)	05:39	06:02	71	12:24	86N	18:46	289	19:09
2026	Jul 31	(Fri)	05:39	06:02	71	12:24	86N	18:46	289	19:08
2026	Aug 01	(Sat)	05:40	06:02	71	12:24	86N	18:45	289	19:08

2026 Aug 02 (Sun)	05:40	06:02	71	12:24	87N	18:45	288	19:08
2026 Aug 03 (Mon)	05:40	06:03	72	12:24	87N	18:45	288	19:07
2026 Aug 04 (Tue)	05:40	06:03	72	12:24	87N	18:44	288	19:07
2026 Aug 05 (Wed)	05:41	06:03	72	12:24	87N	18:44	288	19:06
2026 Aug 06 (Thu)	05:41	06:03	73	12:23	88N	18:44	287	19:06
2026 Aug 07 (Fri)	05:41	06:03	73	12:23	88N	18:43	287	19:05
2026 Aug 08 (Sat)	05:41	06:04	73	12:23	88N	18:43	287	19:05
2026 Aug 09 (Sun)	05:42	06:04	73	12:23	88N	18:42	286	19:04
2026 Aug 10 (Mon)	05:42	06:04	74	12:23	89N	18:42	286	19:04
2026 Aug 11 (Tue)	05:42	06:04	74	12:23	89N	18:41	286	19:03
2026 Aug 12 (Wed)	05:42	06:04	74	12:23	89N	18:41	286	19:03
2026 Aug 13 (Thu)	05:42	06:04	75	12:22	90N	18:40	285	19:02
2026 Aug 14 (Fri)	05:42	06:05	75	12:22	90N	18:40	285	19:02
2026 Aug 15 (Sat)	05:43	06:05	75	12:22	90N	18:39	285	19:01
2026 Aug 16 (Sun)	05:43	06:05	76	12:22	91N	18:39	284	19:01
2026 Aug 17 (Mon)	05:43	06:05	76	12:22	91S	18:38	284	19:00
2026 Aug 18 (Tue)	05:43	06:05	76	12:21	90S	18:38	284	19:00
2026 Aug 19 (Wed)	05:43	06:05	77	12:21	90S	18:37	283	18:59
2026 Aug 20 (Thu)	05:43	06:05	77	12:21	90S	18:37	283	18:58
2026 Aug 21 (Fri)	05:44	06:05	77	12:21	89S	18:36	283	18:58
2026 Aug 22 (Sat)	05:44	06:05	78	12:21	89S	18:35	282	18:57
2026 Aug 23 (Sun)	05:44	06:06	78	12:20	89S	18:35	282	18:57
2026 Aug 24 (Mon)	05:44	06:06	78	12:20	88S	18:34	282	18:56
2026 Aug 25 (Tue)	05:44	06:06	79	12:20	88S	18:34	281	18:55
2026 Aug 26 (Wed)	05:44	06:06	79	12:19	88S	18:33	281	18:55
2026 Aug 27 (Thu)	05:44	06:06	79	12:19	87S	18:32	280	18:54
2026 Aug 28 (Fri)	05:44	06:06	80	12:19	87S	18:32	280	18:53
2026 Aug 29 (Sat)	05:44	06:06	80	12:19	86S	18:31	280	18:53
2026 Aug 30 (Sun)	05:44	06:06	80	12:18	86S	18:30	279	18:52
2026 Aug 31 (Mon)	05:44	06:06	81	12:18	86S	18:30	279	18:51
2026 Sep 01 (Tue)	05:45	06:06	81	12:18	85S	18:29	279	18:50
2026 Sep 02 (Wed)	05:45	06:06	82	12:17	85S	18:28	278	18:50
2026 Sep 03 (Thu)	05:45	06:06	82	12:17	85S	18:28	278	18:49
2026 Sep 04 (Fri)	05:45	06:06	82	12:17	84S	18:27	277	18:48
2026 Sep 05 (Sat)	05:45	06:06	83	12:16	84S	18:26	277	18:48
2026 Sep 06 (Sun)	05:45	06:06	83	12:16	84S	18:25	277	18:47
2026 Sep 07 (Mon)	05:45	06:06	83	12:16	83S	18:25	276	18:46
2026 Sep 08 (Tue)	05:45	06:06	84	12:15	83S	18:24	276	18:45
2026 Sep 09 (Wed)	05:45	06:06	84	12:15	82S	18:23	276	18:45
2026 Sep 10 (Thu)	05:45	06:06	85	12:15	82S	18:23	275	18:44
2026 Sep 11 (Fri)	05:45	06:06	85	12:14	82S	18:22	275	18:43
2026 Sep 12 (Sat)	05:45	06:06	85	12:14	81S	18:21	274	18:43
2026 Sep 13 (Sun)	05:45	06:06	86	12:14	81S	18:20	274	18:42
2026 Sep 14 (Mon)	05:45	06:06	86	12:13	81S	18:20	274	18:41
2026 Sep 15 (Tue)	05:45	06:07	87	12:13	80S	18:19	273	18:40
2026 Sep 16 (Wed)	05:45	06:07	87	12:12	80S	18:18	273	18:40
2026 Sep 17 (Thu)	05:45	06:07	87	12:12	79S	18:18	272	18:39
2026 Sep 18 (Fri)	05:45	06:07	88	12:12	79S	18:17	272	18:38
2026 Sep 19 (Sat)	05:45	06:07	88	12:11	79S	18:16	272	18:37
2026 Sep 20 (Sun)	05:45	06:07	89	12:11	78S	18:15	271	18:37
2026 Sep 21 (Mon)	05:45	06:07	89	12:11	78S	18:15	271	18:36
2026 Sep 22 (Tue)	05:45	06:07	89	12:10	77S	18:14	270	18:35
2026 Sep 23 (Wed)	05:45	06:07	90	12:10	77S	18:13	270	18:34
2026 Sep 24 (Thu)	05:45	06:07	90	12:10	77S	18:12	270	18:34
2026 Sep 25 (Fri)	05:45	06:07	91	12:09	76S	18:12	269	18:33
2026 Sep 26 (Sat)	05:45	06:07	91	12:09	76S	18:11	269	18:32
2026 Sep 27 (Sun)	05:46	06:07	91	12:09	75S	18:10	268	18:32
2026 Sep 28 (Mon)	05:46	06:07	92	12:08	75S	18:10	268	18:31
2026 Sep 29 (Tue)	05:46	06:07	92	12:08	75S	18:09	268	18:30
2026 Sep 30 (Wed)	05:46	06:07	93	12:08	74S	18:08	267	18:29
2026 Oct 01 (Thu)	05:46	06:07	93	12:07	74S	18:07	267	18:29
2026 Oct 02 (Fri)	05:46	06:07	93	12:07	74S	18:07	266	18:28
2026 Oct 03 (Sat)	05:46	06:07	94	12:07	73S	18:06	266	18:27
2026 Oct 04 (Sun)	05:46	06:07	94	12:06	73S	18:05	266	18:27
2026 Oct 05 (Mon)	05:46	06:07	95	12:06	72S	18:05	265	18:26
2026 Oct 06 (Tue)	05:46	06:07	95	12:06	72S	18:04	265	18:25
2026 Oct 07 (Wed)	05:46	06:07	95	12:05	72S	18:03	264	18:25

2026	Oct	08	(Thu)	05:46	06:07	96	12:05	71S	18:03	264	18:24
2026	Oct	09	(Fri)	05:46	06:07	96	12:05	71S	18:02	264	18:23
2026	Oct	10	(Sat)	05:46	06:08	97	12:05	70S	18:01	263	18:23
2026	Oct	11	(Sun)	05:46	06:08	97	12:04	70S	18:01	263	18:22
2026	Oct	12	(Mon)	05:46	06:08	97	12:04	70S	18:00	262	18:22
2026	Oct	13	(Tue)	05:46	06:08	98	12:04	69S	18:00	262	18:21
2026	Oct	14	(Wed)	05:47	06:08	98	12:04	69S	17:59	262	18:20
2026	Oct	15	(Thu)	05:47	06:08	98	12:03	69S	17:58	261	18:20
2026	Oct	16	(Fri)	05:47	06:08	99	12:03	68S	17:58	261	18:19
2026	Oct	17	(Sat)	05:47	06:08	99	12:03	68S	17:57	261	18:19
2026	Oct	18	(Sun)	05:47	06:09	100	12:03	68S	17:57	260	18:18
2026	Oct	19	(Mon)	05:47	06:09	100	12:03	67S	17:56	260	18:18
2026	Oct	20	(Tue)	05:47	06:09	100	12:02	67S	17:56	259	18:17
2026	Oct	21	(Wed)	05:48	06:09	101	12:02	66S	17:55	259	18:17
2026	Oct	22	(Thu)	05:48	06:09	101	12:02	66S	17:55	259	18:16
2026	Oct	23	(Fri)	05:48	06:10	101	12:02	66S	17:54	258	18:16
2026	Oct	24	(Sat)	05:48	06:10	102	12:02	65S	17:54	258	18:15
2026	Oct	25	(Sun)	05:48	06:10	102	12:02	65S	17:53	258	18:15
2026	Oct	26	(Mon)	05:48	06:10	103	12:02	65S	17:53	257	18:14
2026	Oct	27	(Tue)	05:49	06:10	103	12:01	64S	17:52	257	18:14
2026	Oct	28	(Wed)	05:49	06:11	103	12:01	64S	17:52	257	18:14
2026	Oct	29	(Thu)	05:49	06:11	104	12:01	64S	17:51	256	18:13
2026	Oct	30	(Fri)	05:49	06:11	104	12:01	63S	17:51	256	18:13
2026	Oct	31	(Sat)	05:50	06:11	104	12:01	63S	17:51	256	18:13
2026	Nov	01	(Sun)	05:50	06:12	105	12:01	63S	17:50	255	18:12
2026	Nov	02	(Mon)	05:50	06:12	105	12:01	62S	17:50	255	18:12
2026	Nov	03	(Tue)	05:50	06:12	105	12:01	62S	17:50	255	18:12
2026	Nov	04	(Wed)	05:51	06:13	106	12:01	62S	17:49	254	18:11
2026	Nov	05	(Thu)	05:51	06:13	106	12:01	61S	17:49	254	18:11
2026	Nov	06	(Fri)	05:51	06:13	106	12:01	61S	17:49	254	18:11
2026	Nov	07	(Sat)	05:52	06:14	106	12:01	61S	17:49	253	18:11
2026	Nov	08	(Sun)	05:52	06:14	107	12:01	61S	17:48	253	18:10
2026	Nov	09	(Mon)	05:52	06:14	107	12:01	60S	17:48	253	18:10
2026	Nov	10	(Tue)	05:53	06:15	107	12:01	60S	17:48	252	18:10
2026	Nov	11	(Wed)	05:53	06:15	108	12:02	60S	17:48	252	18:10
2026	Nov	12	(Thu)	05:53	06:16	108	12:02	59S	17:48	252	18:10
2026	Nov	13	(Fri)	05:54	06:16	108	12:02	59S	17:47	252	18:10
2026	Nov	14	(Sat)	05:54	06:16	108	12:02	59S	17:47	251	18:10
2026	Nov	15	(Sun)	05:54	06:17	109	12:02	59S	17:47	251	18:10
2026	Nov	16	(Mon)	05:55	06:17	109	12:02	58S	17:47	251	18:09
2026	Nov	17	(Tue)	05:55	06:18	109	12:02	58S	17:47	251	18:09
2026	Nov	18	(Wed)	05:56	06:18	110	12:03	58S	17:47	250	18:09
2026	Nov	19	(Thu)	05:56	06:19	110	12:03	58S	17:47	250	18:09
2026	Nov	20	(Fri)	05:57	06:19	110	12:03	57S	17:47	250	18:09
2026	Nov	21	(Sat)	05:57	06:20	110	12:03	57S	17:47	250	18:09
2026	Nov	22	(Sun)	05:57	06:20	110	12:04	57S	17:47	249	18:10
2026	Nov	23	(Mon)	05:58	06:21	111	12:04	57S	17:47	249	18:10
2026	Nov	24	(Tue)	05:58	06:21	111	12:04	57S	17:47	249	18:10
2026	Nov	25	(Wed)	05:59	06:22	111	12:04	56S	17:47	249	18:10
2026	Nov	26	(Thu)	05:59	06:22	111	12:05	56S	17:47	249	18:10
2026	Nov	27	(Fri)	06:00	06:23	111	12:05	56S	17:47	248	18:10
2026	Nov	28	(Sat)	06:00	06:23	112	12:05	56S	17:47	248	18:10
2026	Nov	29	(Sun)	06:01	06:24	112	12:06	56S	17:48	248	18:10
2026	Nov	30	(Mon)	06:01	06:24	112	12:06	55S	17:48	248	18:11
2026	Dec	01	(Tue)	06:02	06:25	112	12:06	55S	17:48	248	18:11
2026	Dec	02	(Wed)	06:02	06:25	112	12:07	55S	17:48	248	18:11
2026	Dec	03	(Thu)	06:03	06:26	113	12:07	55S	17:48	247	18:11
2026	Dec	04	(Fri)	06:03	06:26	113	12:08	55S	17:49	247	18:12
2026	Dec	05	(Sat)	06:04	06:27	113	12:08	55S	17:49	247	18:12
2026	Dec	06	(Sun)	06:05	06:27	113	12:08	55S	17:49	247	18:12
2026	Dec	07	(Mon)	06:05	06:28	113	12:09	55S	17:50	247	18:13
2026	Dec	08	(Tue)	06:06	06:29	113	12:09	54S	17:50	247	18:13
2026	Dec	09	(Wed)	06:06	06:29	113	12:10	54S	17:50	247	18:13
2026	Dec	10	(Thu)	06:07	06:30	113	12:10	54S	17:51	247	18:14
2026	Dec	11	(Fri)	06:07	06:30	113	12:11	54S	17:51	247	18:14
2026	Dec	12	(Sat)	06:08	06:31	114	12:11	54S	17:51	246	18:14
2026	Dec	13	(Sun)	06:08	06:31	114	12:12	54S	17:52	246	18:15



2026 Feb 07 (Sat)	23:01 105	04:13 66S	10:12 258
2026 Feb 08 (Sun)	23:50 110	04:56 61S	10:49 252
2026 Feb 09 (Mon)		05:41 56S	11:29 248
2026 Feb 10 (Tue)	00:41 114	06:27 52S	12:12 244
2026 Feb 11 (Wed)	01:32 117	07:16 50S	12:58 242
2026 Feb 12 (Thu)	02:25 119	08:07 48S	13:48 241
2026 Feb 13 (Fri)	03:18 119	08:59 48S	14:41 241
2026 Feb 14 (Sat)	04:09 118	09:52 50S	15:36 243
2026 Feb 15 (Sun)	04:57 115	10:43 53S	16:31 246
2026 Feb 16 (Mon)	05:43 111	11:33 57S	17:25 251
2026 Feb 17 (Tue)	06:25 106	12:20 62S	18:18 257
2026 Feb 18 (Wed)	07:05 100	13:06 69S	19:11 263
2026 Feb 19 (Thu)	07:44 94	13:52 75S	20:03 270
2026 Feb 20 (Fri)	08:23 87	14:38 82S	20:56 277
2026 Feb 21 (Sat)	09:04 80	15:25 89S	21:50 284
2026 Feb 22 (Sun)	09:47 73	16:16 87N	22:48 290
2026 Feb 23 (Mon)	10:34 68	17:10 81N	23:49 294
2026 Feb 24 (Tue)	11:27 64	18:09 78N	
2026 Feb 25 (Wed)	12:25 61	19:10 76N	00:53 298
2026 Feb 26 (Thu)	13:27 61	20:13 76N	01:57 299
2026 Feb 27 (Fri)	14:31 62	21:15 78N	02:59 299
2026 Feb 28 (Sat)	15:34 66	22:12 82N	03:56 296
2026 Mar 01 (Sun)	16:34 71	23:05 87N	04:47 292
2026 Mar 02 (Mon)	17:30 77	23:54 88S	05:33 286
2026 Mar 03 (Tue)	18:23 83		06:15 280
2026 Mar 04 (Wed)	19:13 90	00:40 82S	06:53 273
2026 Mar 05 (Thu)	20:02 97	01:23 75S	07:30 267
2026 Mar 06 (Fri)	20:51 103	02:06 69S	08:07 260
2026 Mar 07 (Sat)	21:41 108	02:49 63S	08:44 255
2026 Mar 08 (Sun)	22:31 113	03:33 58S	09:24 250
2026 Mar 09 (Mon)	23:23 116	04:19 54S	10:06 246
2026 Mar 10 (Tue)		05:07 51S	10:51 243
2026 Mar 11 (Wed)	00:15 118	05:58 49S	11:39 241
2026 Mar 12 (Thu)	01:08 119	06:49 48S	12:31 241
2026 Mar 13 (Fri)	01:59 119	07:41 49S	13:24 242
2026 Mar 14 (Sat)	02:48 117	08:33 51S	14:19 245
2026 Mar 15 (Sun)	03:35 113	09:23 55S	15:13 249
2026 Mar 16 (Mon)	04:18 109	10:11 60S	16:06 254
2026 Mar 17 (Tue)	04:59 103	10:58 66S	16:59 260
2026 Mar 18 (Wed)	05:39 97	11:44 72S	17:52 267
2026 Mar 19 (Thu)	06:19 90	12:30 79S	18:45 274
2026 Mar 20 (Fri)	07:00 83	13:18 86S	19:41 281
2026 Mar 21 (Sat)	07:43 76	14:09 89N	20:39 287
2026 Mar 22 (Sun)	08:30 70	15:04 83N	21:41 293
2026 Mar 23 (Mon)	09:22 65	16:02 79N	22:45 297
2026 Mar 24 (Tue)	10:19 62	17:04 76N	23:50 299
2026 Mar 25 (Wed)	11:21 61	18:07 76N	
2026 Mar 26 (Thu)	12:25 62	19:09 77N	00:53 299
2026 Mar 27 (Fri)	13:27 65	20:07 81N	01:51 297
2026 Mar 28 (Sat)	14:27 69	21:00 85N	02:44 293
2026 Mar 29 (Sun)	15:23 75	21:49 90S	03:30 288
2026 Mar 30 (Mon)	16:15 81	22:35 84S	04:12 282
2026 Mar 31 (Tue)	17:06 87	23:18 78S	04:51 276
2026 Apr 01 (Wed)	17:55 94		05:28 269
2026 Apr 02 (Thu)	18:43 100	00:01 72S	06:04 263
2026 Apr 03 (Fri)	19:32 106	00:43 66S	06:41 257
2026 Apr 04 (Sat)	20:22 111	01:27 60S	07:20 252
2026 Apr 05 (Sun)	21:14 115	02:12 55S	08:01 247
2026 Apr 06 (Mon)	22:06 118	03:00 52S	08:45 244
2026 Apr 07 (Tue)	22:59 119	03:50 49S	09:32 242
2026 Apr 08 (Wed)	23:50 119	04:41 48S	10:22 241
2026 Apr 09 (Thu)		05:32 49S	11:14 241
2026 Apr 10 (Fri)	00:40 118	06:23 50S	12:08 244
2026 Apr 11 (Sat)	01:27 115	07:13 53S	13:01 247
2026 Apr 12 (Sun)	02:10 111	08:01 58S	13:54 252
2026 Apr 13 (Mon)	02:52 106	08:47 63S	14:46 257
2026 Apr 14 (Tue)	03:32 100	09:33 69S	15:38 264

2026 Apr 15 (Wed)	04:11	93	10:19	76S	16:31	270
2026 Apr 16 (Thu)	04:51	86	11:07	83S	17:26	278
2026 Apr 17 (Fri)	05:34	79	11:57	90S	18:23	284
2026 Apr 18 (Sat)	06:20	72	12:51	86N	19:25	291
2026 Apr 19 (Sun)	07:11	67	13:50	81N	20:31	295
2026 Apr 20 (Mon)	08:09	63	14:53	77N	21:38	298
2026 Apr 21 (Tue)	09:11	61	15:58	76N	22:44	299
2026 Apr 22 (Wed)	10:16	61	17:02	77N	23:46	298
2026 Apr 23 (Thu)	11:21	64	18:02	80N		
2026 Apr 24 (Fri)	12:22	68	18:57	84N	00:41	294
2026 Apr 25 (Sat)	13:19	73	19:47	89N	01:29	289
2026 Apr 26 (Sun)	14:12	79	20:33	86S	02:12	284
2026 Apr 27 (Mon)	15:02	85	21:17	80S	02:52	278
2026 Apr 28 (Tue)	15:51	92	21:59	74S	03:28	271
2026 Apr 29 (Wed)	16:39	98	22:41	68S	04:04	265
2026 Apr 30 (Thu)	17:27	104	23:24	62S	04:40	259
2026 May 01 (Fri)	18:16	109			05:18	254
2026 May 02 (Sat)	19:07	113	00:08	57S	05:58	249
2026 May 03 (Sun)	19:59	117	00:55	53S	06:41	245
2026 May 04 (Mon)	20:52	118	01:44	50S	07:27	242
2026 May 05 (Tue)	21:44	119	02:34	49S	08:16	241
2026 May 06 (Wed)	22:34	118	03:26	49S	09:08	241
2026 May 07 (Thu)	23:21	116	04:17	50S	10:00	243
2026 May 08 (Fri)			05:06	52S	10:53	246
2026 May 09 (Sat)	00:05	112	05:54	56S	11:45	250
2026 May 10 (Sun)	00:47	108	06:40	61S	12:36	255
2026 May 11 (Mon)	01:26	102	07:25	66S	13:26	261
2026 May 12 (Tue)	02:04	96	08:09	73S	14:17	267
2026 May 13 (Wed)	02:43	89	08:55	79S	15:10	274
2026 May 14 (Thu)	03:23	82	09:42	86S	16:05	281
2026 May 15 (Fri)	04:07	76	10:34	89N	17:05	288
2026 May 16 (Sat)	04:56	70	11:31	83N	18:09	293
2026 May 17 (Sun)	05:52	65	12:33	79N	19:17	297
2026 May 18 (Mon)	06:53	62	13:39	76N	20:26	299
2026 May 19 (Tue)	08:00	61	14:46	76N	21:32	298
2026 May 20 (Wed)	09:07	63	15:51	78N	22:32	295
2026 May 21 (Thu)	10:12	66	16:50	82N	23:24	291
2026 May 22 (Fri)	11:12	71	17:43	88N		
2026 May 23 (Sat)	12:08	77	18:31	88S	00:10	286
2026 May 24 (Sun)	13:00	84	19:16	82S	00:52	279
2026 May 25 (Mon)	13:49	90	19:59	75S	01:29	273
2026 May 26 (Tue)	14:36	96	20:40	69S	02:06	267
2026 May 27 (Wed)	15:24	102	21:23	64S	02:41	261
2026 May 28 (Thu)	16:13	108	22:06	59S	03:18	255
2026 May 29 (Fri)	17:03	112	22:52	54S	03:57	250
2026 May 30 (Sat)	17:54	116	23:40	51S	04:39	246
2026 May 31 (Sun)	18:47	118			05:24	243
2026 Jun 01 (Mon)	19:39	119	00:30	49S	06:12	241
2026 Jun 02 (Tue)	20:30	118	01:21	49S	07:03	241
2026 Jun 03 (Wed)	21:18	117	02:12	49S	07:55	242
2026 Jun 04 (Thu)	22:03	113	03:02	51S	08:48	245
2026 Jun 05 (Fri)	22:44	109	03:50	55S	09:40	249
2026 Jun 06 (Sat)	23:24	104	04:36	59S	10:30	253
2026 Jun 07 (Sun)			05:20	64S	11:20	259
2026 Jun 08 (Mon)	00:01	98	06:04	70S	12:09	265
2026 Jun 09 (Tue)	00:38	92	06:47	77S	12:59	271
2026 Jun 10 (Wed)	01:17	85	07:32	83S	13:51	278
2026 Jun 11 (Thu)	01:58	79	08:21	90S	14:47	285
2026 Jun 12 (Fri)	02:43	72	09:13	86N	15:48	291
2026 Jun 13 (Sat)	03:34	67	10:12	81N	16:53	295
2026 Jun 14 (Sun)	04:32	63	11:16	77N	18:02	298
2026 Jun 15 (Mon)	05:37	61	12:24	76N	19:11	299
2026 Jun 16 (Tue)	06:45	62	13:31	77N	20:15	297
2026 Jun 17 (Wed)	07:54	65	14:35	81N	21:13	293
2026 Jun 18 (Thu)	08:58	69	15:33	85N	22:03	288
2026 Jun 19 (Fri)	09:58	75	16:25	90S	22:48	282
2026 Jun 20 (Sat)	10:53	82	17:12	84S	23:28	275

2026 Jun 21 (Sun)	11:44	88	17:56	77S	
2026 Jun 22 (Mon)	12:33	94	18:39	71S	00:05 269
2026 Jun 23 (Tue)	13:21	101	19:21	65S	00:42 262
2026 Jun 24 (Wed)	14:10	106	20:04	60S	01:18 257
2026 Jun 25 (Thu)	14:59	111	20:49	55S	01:57 252
2026 Jun 26 (Fri)	15:50	115	21:36	52S	02:37 247
2026 Jun 27 (Sat)	16:42	117	22:26	50S	03:21 244
2026 Jun 28 (Sun)	17:35	119	23:17	49S	04:08 242
2026 Jun 29 (Mon)	18:26	119			04:59 241
2026 Jun 30 (Tue)	19:15	117	00:08	49S	05:51 242
2026 Jul 01 (Wed)	20:01	114	00:59	51S	06:44 244
2026 Jul 02 (Thu)	20:44	110	01:48	54S	07:36 247
2026 Jul 03 (Fri)	21:24	105	02:34	58S	08:27 252
2026 Jul 04 (Sat)	22:01	100	03:19	63S	09:17 257
2026 Jul 05 (Sun)	22:38	94	04:02	69S	10:06 263
2026 Jul 06 (Mon)	23:15	87	04:45	75S	10:54 269
2026 Jul 07 (Tue)	23:54	81	05:28	81S	11:44 276
2026 Jul 08 (Wed)			06:14	88S	12:37 282
2026 Jul 09 (Thu)	00:35	75	07:03	88N	13:34 288
2026 Jul 10 (Fri)	01:22	69	07:57	82N	14:35 293
2026 Jul 11 (Sat)	02:15	65	08:57	78N	15:40 297
2026 Jul 12 (Sun)	03:16	62	10:01	76N	16:48 299
2026 Jul 13 (Mon)	04:22	61	11:09	76N	17:54 298
2026 Jul 14 (Tue)	05:30	63	12:14	79N	18:56 295
2026 Jul 15 (Wed)	06:38	67	13:16	83N	19:50 290
2026 Jul 16 (Thu)	07:41	72	14:12	89N	20:38 285
2026 Jul 17 (Fri)	08:39	79	15:02	87S	21:21 278
2026 Jul 18 (Sat)	09:34	85	15:49	80S	22:01 271
2026 Jul 19 (Sun)	10:25	92	16:34	73S	22:39 265
2026 Jul 20 (Mon)	11:15	98	17:17	67S	23:16 259
2026 Jul 21 (Tue)	12:04	104	18:01	62S	23:55 253
2026 Jul 22 (Wed)	12:54	109	18:46	57S	
2026 Jul 23 (Thu)	13:45	114	19:32	53S	00:35 248
2026 Jul 24 (Fri)	14:37	117	20:21	50S	01:18 245
2026 Jul 25 (Sat)	15:29	119	21:12	49S	02:04 242
2026 Jul 26 (Sun)	16:21	119	22:03	49S	02:54 241
2026 Jul 27 (Mon)	17:11	118	22:54	50S	03:45 241
2026 Jul 28 (Tue)	17:59	115	23:44	53S	04:38 243
2026 Jul 29 (Wed)	18:43	112			05:31 246
2026 Jul 30 (Thu)	19:24	107	00:32	56S	06:23 250
2026 Jul 31 (Fri)	20:02	102	01:17	61S	07:14 255
2026 Aug 01 (Sat)	20:39	96	02:01	67S	08:03 261
2026 Aug 02 (Sun)	21:16	89	02:44	73S	08:52 268
2026 Aug 03 (Mon)	21:54	83	03:27	79S	09:42 274
2026 Aug 04 (Tue)	22:34	76	04:12	86S	10:33 281
2026 Aug 05 (Wed)	23:18	71	04:59	90N	11:27 287
2026 Aug 06 (Thu)			05:50	84N	12:25 292
2026 Aug 07 (Fri)	00:07	66	06:46	80N	13:27 296
2026 Aug 08 (Sat)	01:03	63	07:47	77N	14:32 298
2026 Aug 09 (Sun)	02:04	61	08:51	76N	15:37 299
2026 Aug 10 (Mon)	03:10	62	09:56	77N	16:39 297
2026 Aug 11 (Tue)	04:17	65	10:58	81N	17:36 293
2026 Aug 12 (Wed)	05:22	69	11:56	86N	18:27 288
2026 Aug 13 (Thu)	06:23	75	12:49	90S	19:12 281
2026 Aug 14 (Fri)	07:19	82	13:38	83S	19:54 274
2026 Aug 15 (Sat)	08:13	89	14:25	76S	20:33 268
2026 Aug 16 (Sun)	09:04	96	15:09	70S	21:11 261
2026 Aug 17 (Mon)	09:55	102	15:54	64S	21:50 255
2026 Aug 18 (Tue)	10:46	108	16:39	58S	22:30 250
2026 Aug 19 (Wed)	11:37	112	17:26	54S	23:13 246
2026 Aug 20 (Thu)	12:29	116	18:15	51S	23:58 243
2026 Aug 21 (Fri)	13:22	118	19:05	49S	
2026 Aug 22 (Sat)	14:14	119	19:56	48S	00:47 241
2026 Aug 23 (Sun)	15:05	119	20:47	49S	01:38 241
2026 Aug 24 (Mon)	15:54	117	21:38	51S	02:31 242
2026 Aug 25 (Tue)	16:39	113	22:26	55S	03:24 245
2026 Aug 26 (Wed)	17:21	109	23:13	59S	04:16 249

2026 Aug 27 (Thu)	18:01	104	23:58	65S	05:08	253
2026 Aug 28 (Fri)	18:39	98			05:58	259
2026 Aug 29 (Sat)	19:16	91	00:42	71S	06:48	265
2026 Aug 30 (Sun)	19:54	85	01:25	77S	07:38	272
2026 Aug 31 (Mon)	20:34	78	02:10	84S	08:29	279
2026 Sep 01 (Tue)	21:17	72	02:57	90S	09:23	285
2026 Sep 02 (Wed)	22:04	67	03:47	86N	10:20	290
2026 Sep 03 (Thu)	22:57	63	04:41	81N	11:20	295
2026 Sep 04 (Fri)	23:56	61	05:39	78N	12:23	298
2026 Sep 05 (Sat)			06:41	76N	13:27	299
2026 Sep 06 (Sun)	00:59	61	07:44	76N	14:29	298
2026 Sep 07 (Mon)	02:04	63	08:46	79N	15:26	295
2026 Sep 08 (Tue)	03:07	67	09:44	83N	16:18	290
2026 Sep 09 (Wed)	04:08	73	10:38	89N	17:04	284
2026 Sep 10 (Thu)	05:05	79	11:28	86S	17:47	278
2026 Sep 11 (Fri)	06:00	86	12:15	79S	18:27	271
2026 Sep 12 (Sat)	06:52	93	13:00	73S	19:06	264
2026 Sep 13 (Sun)	07:44	99	13:45	66S	19:44	258
2026 Sep 14 (Mon)	08:35	105	14:31	61S	20:24	252
2026 Sep 15 (Tue)	09:27	110	15:18	56S	21:06	248
2026 Sep 16 (Wed)	10:19	114	16:06	52S	21:51	244
2026 Sep 17 (Thu)	11:13	117	16:56	50S	22:39	242
2026 Sep 18 (Fri)	12:05	119	17:48	49S	23:29	241
2026 Sep 19 (Sat)	12:57	119	18:39	49S		
2026 Sep 20 (Sun)	13:46	117	19:30	50S	00:21	242
2026 Sep 21 (Mon)	14:33	115	20:19	53S	01:14	244
2026 Sep 22 (Tue)	15:16	111	21:06	57S	02:07	247
2026 Sep 23 (Wed)	15:56	106	21:51	62S	02:58	251
2026 Sep 24 (Thu)	16:35	100	22:36	68S	03:49	257
2026 Sep 25 (Fri)	17:13	94	23:20	75S	04:39	263
2026 Sep 26 (Sat)	17:51	87			05:30	269
2026 Sep 27 (Sun)	18:31	81	00:05	81S	06:21	276
2026 Sep 28 (Mon)	19:14	74	00:51	88S	07:15	283
2026 Sep 29 (Tue)	20:01	69	01:41	88N	08:13	289
2026 Sep 30 (Wed)	20:53	65	02:35	82N	09:13	294
2026 Oct 01 (Thu)	21:50	62	03:34	78N	10:17	297
2026 Oct 02 (Fri)	22:53	61	04:35	76N	11:21	299
2026 Oct 03 (Sat)	23:56	63	05:38	76N	12:23	298
2026 Oct 04 (Sun)			06:40	78N	13:21	296
2026 Oct 05 (Mon)	00:59	66	07:38	82N	14:13	292
2026 Oct 06 (Tue)	02:00	71	08:32	87N	15:00	286
2026 Oct 07 (Wed)	02:57	77	09:22	89S	15:43	280
2026 Oct 08 (Thu)	03:51	83	10:09	82S	16:23	274
2026 Oct 09 (Fri)	04:43	90	10:54	76S	17:01	267
2026 Oct 10 (Sat)	05:34	96	11:38	69S	17:40	261
2026 Oct 11 (Sun)	06:25	103	12:23	63S	18:19	255
2026 Oct 12 (Mon)	07:16	108	13:10	58S	19:00	250
2026 Oct 13 (Tue)	08:09	113	13:58	54S	19:44	246
2026 Oct 14 (Wed)	09:02	116	14:47	51S	20:31	243
2026 Oct 15 (Thu)	09:56	118	15:39	49S	21:21	241
2026 Oct 16 (Fri)	10:48	119	16:30	49S	22:12	241
2026 Oct 17 (Sat)	11:38	118	17:21	50S	23:05	243
2026 Oct 18 (Sun)	12:25	116	18:10	52S	23:57	246
2026 Oct 19 (Mon)	13:09	113	18:58	56S		
2026 Oct 20 (Tue)	13:50	108	19:43	60S	00:48	249
2026 Oct 21 (Wed)	14:29	103	20:27	66S	01:38	254
2026 Oct 22 (Thu)	15:07	97	21:11	72S	02:28	260
2026 Oct 23 (Fri)	15:45	90	21:55	78S	03:18	266
2026 Oct 24 (Sat)	16:24	84	22:41	85S	04:09	273
2026 Oct 25 (Sun)	17:06	77	23:30	90N	05:02	280
2026 Oct 26 (Mon)	17:52	71			05:59	286
2026 Oct 27 (Tue)	18:43	66	00:24	85N	06:59	292
2026 Oct 28 (Wed)	19:41	63	01:22	80N	08:04	296
2026 Oct 29 (Thu)	20:44	61	02:25	77N	09:10	298
2026 Oct 30 (Fri)	21:49	62	03:29	76N	10:15	298
2026 Oct 31 (Sat)	22:53	65	04:33	78N	11:16	297
2026 Nov 01 (Sun)	23:55	69	05:33	81N	12:10	293

2026 Nov 02 (Mon)			06:29 85N	12:59 288
2026 Nov 03 (Tue)	00:53 75		07:19 90S	13:42 282
2026 Nov 04 (Wed)	01:47 81		08:06 84S	14:23 276
2026 Nov 05 (Thu)	02:38 88		08:51 78S	15:01 269
2026 Nov 06 (Fri)	03:28 94		09:35 71S	15:38 263
2026 Nov 07 (Sat)	04:18 100		10:19 65S	16:17 257
2026 Nov 08 (Sun)	05:09 106		11:04 60S	16:57 252
2026 Nov 09 (Mon)	06:01 111		11:51 55S	17:39 247
2026 Nov 10 (Tue)	06:54 115		12:40 52S	18:25 244
2026 Nov 11 (Wed)	07:47 117		13:31 50S	19:14 242
2026 Nov 12 (Thu)	08:40 119		14:23 49S	20:05 241
2026 Nov 13 (Fri)	09:31 118		15:14 49S	20:57 242
2026 Nov 14 (Sat)	10:19 117		16:03 51S	21:49 245
2026 Nov 15 (Sun)	11:04 114		16:51 54S	22:40 248
2026 Nov 16 (Mon)	11:46 110		17:37 59S	23:30 252
2026 Nov 17 (Tue)	12:25 105		18:20 63S	
2026 Nov 18 (Wed)	13:02 99		19:03 69S	00:18 258
2026 Nov 19 (Thu)	13:39 93		19:46 75S	01:07 264
2026 Nov 20 (Fri)	14:16 87		20:30 82S	01:56 270
2026 Nov 21 (Sat)	14:56 80		21:16 88S	02:47 276
2026 Nov 22 (Sun)	15:39 74		22:07 87N	03:41 283
2026 Nov 23 (Mon)	16:28 69		23:04 82N	04:39 289
2026 Nov 24 (Tue)	17:24 64			05:43 294
2026 Nov 25 (Wed)	18:26 62		00:06 78N	06:50 297
2026 Nov 26 (Thu)	19:32 62		01:11 76N	07:58 298
2026 Nov 27 (Fri)	20:40 64		02:18 77N	09:03 297
2026 Nov 28 (Sat)	21:45 68		03:23 80N	10:02 294
2026 Nov 29 (Sun)	22:46 73		04:22 84N	10:55 289
2026 Nov 30 (Mon)	23:43 79		05:15 89N	11:41 284
2026 Dec 01 (Tue)			06:04 86S	12:23 277
2026 Dec 02 (Wed)	00:35 86		06:50 79S	13:01 271
2026 Dec 03 (Thu)	01:26 92		07:34 73S	13:39 264
2026 Dec 04 (Fri)	02:16 99		08:18 67S	14:17 258
2026 Dec 05 (Sat)	03:05 104		09:02 61S	14:56 253
2026 Dec 06 (Sun)	03:56 110		09:48 57S	15:37 248
2026 Dec 07 (Mon)	04:48 114		10:36 53S	16:21 245
2026 Dec 08 (Tue)	05:41 117		11:26 50S	17:09 242
2026 Dec 09 (Wed)	06:34 118		12:17 49S	17:59 242
2026 Dec 10 (Thu)	07:26 118		13:08 49S	18:51 242
2026 Dec 11 (Fri)	08:15 117		13:59 51S	19:43 244
2026 Dec 12 (Sat)	09:01 115		14:47 53S	20:35 247
2026 Dec 13 (Sun)	09:43 111		15:33 57S	21:24 251
2026 Dec 14 (Mon)	10:22 107		16:16 62S	22:13 256
2026 Dec 15 (Tue)	11:00 101		16:59 67S	23:00 261
2026 Dec 16 (Wed)	11:35 96		17:40 73S	23:48 267
2026 Dec 17 (Thu)	12:11 89		18:22 79S	
2026 Dec 18 (Fri)	12:49 83		19:06 85S	00:36 274
2026 Dec 19 (Sat)	13:29 77		19:53 90N	01:27 280
2026 Dec 20 (Sun)	14:13 71		20:45 85N	02:21 286
2026 Dec 21 (Mon)	15:04 66		21:43 80N	03:20 291
2026 Dec 22 (Tue)	16:02 63		22:47 77N	04:24 296
2026 Dec 23 (Wed)	17:07 62		23:54 76N	05:32 298
2026 Dec 24 (Thu)	18:16 63			06:40 298
2026 Dec 25 (Fri)	19:25 66		01:01 78N	07:44 296
2026 Dec 26 (Sat)	20:31 71		02:05 82N	08:42 292
2026 Dec 27 (Sun)	21:32 77		03:04 87N	09:33 286
2026 Dec 28 (Mon)	22:28 84		03:57 88S	10:18 280
2026 Dec 29 (Tue)	23:21 90		04:45 82S	10:59 273
2026 Dec 30 (Wed)			05:31 75S	11:38 266
2026 Dec 31 (Thu)	00:12 97		06:16 69S	12:16 260