

Sun

050.Rayong

Location: E101°10'12.0", N12°38'41.9", 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)	05:47	06:37 113		12:19 55S	18:01 247		18:50
2026 Jan 02 (Fri)	05:48	06:37 113		12:19 55S	18:01 247		18:51
2026 Jan 03 (Sat)	05:48	06:38 113		12:20 55S	18:02 247		18:51
2026 Jan 04 (Sun)	05:49	06:38 113		12:20 55S	18:02 247		18:52
2026 Jan 05 (Mon)	05:49	06:38 113		12:21 55S	18:03 247		18:52
2026 Jan 06 (Tue)	05:49	06:39 113		12:21 56S	18:04 247		18:53
2026 Jan 07 (Wed)	05:50	06:39 113		12:21 56S	18:04 247		18:53
2026 Jan 08 (Thu)	05:50	06:39 113		12:22 56S	18:05 247		18:54
2026 Jan 09 (Fri)	05:50	06:39 113		12:22 56S	18:05 248		18:54
2026 Jan 10 (Sat)	05:51	06:40 112		12:23 56S	18:06 248		18:55
2026 Jan 11 (Sun)	05:51	06:40 112		12:23 56S	18:06 248		18:55
2026 Jan 12 (Mon)	05:51	06:40 112		12:24 56S	18:07 248		18:56
2026 Jan 13 (Tue)	05:51	06:40 112		12:24 57S	18:07 248		18:56
2026 Jan 14 (Wed)	05:52	06:41 112		12:24 57S	18:08 248		18:57
2026 Jan 15 (Thu)	05:52	06:41 112		12:25 57S	18:09 249		18:57
2026 Jan 16 (Fri)	05:52	06:41 111		12:25 57S	18:09 249		18:58
2026 Jan 17 (Sat)	05:52	06:41 111		12:25 57S	18:10 249		18:58
2026 Jan 18 (Sun)	05:53	06:41 111		12:26 58S	18:10 249		18:59
2026 Jan 19 (Mon)	05:53	06:41 111		12:26 58S	18:11 249		18:59
2026 Jan 20 (Tue)	05:53	06:41 110		12:26 58S	18:11 250		19:00
2026 Jan 21 (Wed)	05:53	06:42 110		12:27 58S	18:12 250		19:00
2026 Jan 22 (Thu)	05:53	06:42 110		12:27 58S	18:12 250		19:01
2026 Jan 23 (Fri)	05:53	06:42 110		12:27 59S	18:13 250		19:01
2026 Jan 24 (Sat)	05:53	06:42 110		12:27 59S	18:13 251		19:01
2026 Jan 25 (Sun)	05:53	06:42 109		12:28 59S	18:14 251		19:02
2026 Jan 26 (Mon)	05:54	06:42 109		12:28 59S	18:14 251		19:02
2026 Jan 27 (Tue)	05:54	06:42 109		12:28 60S	18:15 251		19:03
2026 Jan 28 (Wed)	05:54	06:42 109		12:28 60S	18:15 252		19:03
2026 Jan 29 (Thu)	05:54	06:41 108		12:28 60S	18:15 252		19:03
2026 Jan 30 (Fri)	05:54	06:41 108		12:29 60S	18:16 252		19:04
2026 Jan 31 (Sat)	05:54	06:41 108		12:29 61S	18:16 252		19:04
2026 Feb 01 (Sun)	05:53	06:41 107		12:29 61S	18:17 253		19:04
2026 Feb 02 (Mon)	05:53	06:41 107		12:29 61S	18:17 253		19:05
2026 Feb 03 (Tue)	05:53	06:41 107		12:29 62S	18:17 253		19:05
2026 Feb 04 (Wed)	05:53	06:41 107		12:29 62S	18:18 254		19:05
2026 Feb 05 (Thu)	05:53	06:40 106		12:29 62S	18:18 254		19:06
2026 Feb 06 (Fri)	05:53	06:40 106		12:29 62S	18:19 254		19:06
2026 Feb 07 (Sat)	05:53	06:40 106		12:29 63S	18:19 255		19:06
2026 Feb 08 (Sun)	05:53	06:40 105		12:29 63S	18:19 255		19:06
2026 Feb 09 (Mon)	05:52	06:39 105		12:29 63S	18:20 255		19:07
2026 Feb 10 (Tue)	05:52	06:39 105		12:29 64S	18:20 256		19:07
2026 Feb 11 (Wed)	05:52	06:39 104		12:30 64S	18:20 256		19:07
2026 Feb 12 (Thu)	05:52	06:39 104		12:29 64S	18:21 256		19:07
2026 Feb 13 (Fri)	05:51	06:38 104		12:29 65S	18:21 257		19:08
2026 Feb 14 (Sat)	05:51	06:38 103		12:29 65S	18:21 257		19:08
2026 Feb 15 (Sun)	05:51	06:38 103		12:29 65S	18:21 257		19:08
2026 Feb 16 (Mon)	05:51	06:37 103		12:29 66S	18:22 258		19:08
2026 Feb 17 (Tue)	05:50	06:37 102		12:29 66S	18:22 258		19:09
2026 Feb 18 (Wed)	05:50	06:36 102		12:29 66S	18:22 258		19:09
2026 Feb 19 (Thu)	05:49	06:36 101		12:29 67S	18:22 259		19:09
2026 Feb 20 (Fri)	05:49	06:36 101		12:29 67S	18:23 259		19:09
2026 Feb 21 (Sat)	05:49	06:35 101		12:29 68S	18:23 259		19:09
2026 Feb 22 (Sun)	05:48	06:35 100		12:29 68S	18:23 260		19:09
2026 Feb 23 (Mon)	05:48	06:34 100		12:29 68S	18:23 260		19:10
2026 Feb 24 (Tue)	05:47	06:34 100		12:29 69S	18:23 261		19:10

2026	Feb	25	(Wed)	05:47	06:33	99	12:28	69S	18:24	261	19:10
2026	Feb	26	(Thu)	05:47	06:33	99	12:28	69S	18:24	261	19:10
2026	Feb	27	(Fri)	05:46	06:32	98	12:28	70S	18:24	262	19:10
2026	Feb	28	(Sat)	05:46	06:32	98	12:28	70S	18:24	262	19:10
2026	Mar	01	(Sun)	05:45	06:31	98	12:28	70S	18:24	263	19:10
2026	Mar	02	(Mon)	05:45	06:31	97	12:27	71S	18:24	263	19:10
2026	Mar	03	(Tue)	05:44	06:30	97	12:27	71S	18:25	263	19:11
2026	Mar	04	(Wed)	05:44	06:30	97	12:27	72S	18:25	264	19:11
2026	Mar	05	(Thu)	05:43	06:29	96	12:27	72S	18:25	264	19:11
2026	Mar	06	(Fri)	05:43	06:28	96	12:27	72S	18:25	264	19:11
2026	Mar	07	(Sat)	05:42	06:28	95	12:26	73S	18:25	265	19:11
2026	Mar	08	(Sun)	05:41	06:27	95	12:26	73S	18:25	265	19:11
2026	Mar	09	(Mon)	05:41	06:27	95	12:26	74S	18:25	266	19:11
2026	Mar	10	(Tue)	05:40	06:26	94	12:26	74S	18:25	266	19:11
2026	Mar	11	(Wed)	05:40	06:25	94	12:25	74S	18:25	266	19:11
2026	Mar	12	(Thu)	05:39	06:25	93	12:25	75S	18:26	267	19:11
2026	Mar	13	(Fri)	05:38	06:24	93	12:25	75S	18:26	267	19:11
2026	Mar	14	(Sat)	05:38	06:24	93	12:25	76S	18:26	268	19:12
2026	Mar	15	(Sun)	05:37	06:23	92	12:24	76S	18:26	268	19:12
2026	Mar	16	(Mon)	05:37	06:22	92	12:24	76S	18:26	269	19:12
2026	Mar	17	(Tue)	05:36	06:22	91	12:24	77S	18:26	269	19:12
2026	Mar	18	(Wed)	05:35	06:21	91	12:23	77S	18:26	269	19:12
2026	Mar	19	(Thu)	05:35	06:20	90	12:23	78S	18:26	270	19:12
2026	Mar	20	(Fri)	05:34	06:20	90	12:23	78S	18:26	270	19:12
2026	Mar	21	(Sat)	05:33	06:19	90	12:23	78S	18:26	271	19:12
2026	Mar	22	(Sun)	05:33	06:18	89	12:22	79S	18:26	271	19:12
2026	Mar	23	(Mon)	05:32	06:18	89	12:22	79S	18:26	271	19:12
2026	Mar	24	(Tue)	05:31	06:17	88	12:22	79S	18:26	272	19:12
2026	Mar	25	(Wed)	05:31	06:16	88	12:21	80S	18:26	272	19:12
2026	Mar	26	(Thu)	05:30	06:16	88	12:21	80S	18:26	273	19:12
2026	Mar	27	(Fri)	05:29	06:15	87	12:21	81S	18:27	273	19:12
2026	Mar	28	(Sat)	05:29	06:15	87	12:20	81S	18:27	273	19:12
2026	Mar	29	(Sun)	05:28	06:14	86	12:20	81S	18:27	274	19:13
2026	Mar	30	(Mon)	05:27	06:13	86	12:20	82S	18:27	274	19:13
2026	Mar	31	(Tue)	05:27	06:13	86	12:20	82S	18:27	275	19:13
2026	Apr	01	(Wed)	05:26	06:12	85	12:19	83S	18:27	275	19:13
2026	Apr	02	(Thu)	05:25	06:11	85	12:19	83S	18:27	275	19:13
2026	Apr	03	(Fri)	05:25	06:11	84	12:19	83S	18:27	276	19:13
2026	Apr	04	(Sat)	05:24	06:10	84	12:18	84S	18:27	276	19:13
2026	Apr	05	(Sun)	05:23	06:09	84	12:18	84S	18:27	277	19:13
2026	Apr	06	(Mon)	05:22	06:09	83	12:18	85S	18:27	277	19:13
2026	Apr	07	(Tue)	05:22	06:08	83	12:18	85S	18:27	277	19:13
2026	Apr	08	(Wed)	05:21	06:07	83	12:17	85S	18:27	278	19:14
2026	Apr	09	(Thu)	05:20	06:07	82	12:17	86S	18:27	278	19:14
2026	Apr	10	(Fri)	05:20	06:06	82	12:17	86S	18:27	278	19:14
2026	Apr	11	(Sat)	05:19	06:06	81	12:16	86S	18:27	279	19:14
2026	Apr	12	(Sun)	05:18	06:05	81	12:16	87S	18:27	279	19:14
2026	Apr	13	(Mon)	05:18	06:04	81	12:16	87S	18:28	280	19:14
2026	Apr	14	(Tue)	05:17	06:04	80	12:16	87S	18:28	280	19:14
2026	Apr	15	(Wed)	05:17	06:03	80	12:15	88S	18:28	280	19:14
2026	Apr	16	(Thu)	05:16	06:03	80	12:15	88S	18:28	281	19:15
2026	Apr	17	(Fri)	05:15	06:02	79	12:15	89S	18:28	281	19:15
2026	Apr	18	(Sat)	05:15	06:02	79	12:15	89S	18:28	281	19:15
2026	Apr	19	(Sun)	05:14	06:01	78	12:14	89S	18:28	282	19:15
2026	Apr	20	(Mon)	05:13	06:00	78	12:14	90S	18:28	282	19:15
2026	Apr	21	(Tue)	05:13	06:00	78	12:14	90S	18:28	282	19:16
2026	Apr	22	(Wed)	05:12	05:59	77	12:14	90S	18:29	283	19:16
2026	Apr	23	(Thu)	05:12	05:59	77	12:14	91S	18:29	283	19:16
2026	Apr	24	(Fri)	05:11	05:58	77	12:14	90N	18:29	283	19:16
2026	Apr	25	(Sat)	05:10	05:58	76	12:13	90N	18:29	284	19:16
2026	Apr	26	(Sun)	05:10	05:57	76	12:13	90N	18:29	284	19:17
2026	Apr	27	(Mon)	05:09	05:57	76	12:13	90N	18:29	284	19:17
2026	Apr	28	(Tue)	05:09	05:56	75	12:13	89N	18:29	285	19:17
2026	Apr	29	(Wed)	05:08	05:56	75	12:13	89N	18:30	285	19:17
2026	Apr	30	(Thu)	05:08	05:56	75	12:13	89N	18:30	285	19:18
2026	May	01	(Fri)	05:07	05:55	74	12:12	88N	18:30	286	19:18
2026	May	02	(Sat)	05:07	05:55	74	12:12	88N	18:30	286	19:18

2026	May	03	(Sun)	05:06	05:54	74	12:12	88N	18:30	286	19:18
2026	May	04	(Mon)	05:06	05:54	74	12:12	87N	18:30	287	19:19
2026	May	05	(Tue)	05:05	05:54	73	12:12	87N	18:31	287	19:19
2026	May	06	(Wed)	05:05	05:53	73	12:12	87N	18:31	287	19:19
2026	May	07	(Thu)	05:04	05:53	73	12:12	87N	18:31	288	19:19
2026	May	08	(Fri)	05:04	05:53	72	12:12	86N	18:31	288	19:20
2026	May	09	(Sat)	05:04	05:52	72	12:12	86N	18:31	288	19:20
2026	May	10	(Sun)	05:03	05:52	72	12:12	86N	18:32	288	19:20
2026	May	11	(Mon)	05:03	05:52	72	12:12	85N	18:32	289	19:21
2026	May	12	(Tue)	05:03	05:51	71	12:12	85N	18:32	289	19:21
2026	May	13	(Wed)	05:02	05:51	71	12:12	85N	18:32	289	19:21
2026	May	14	(Thu)	05:02	05:51	71	12:12	85N	18:33	289	19:22
2026	May	15	(Fri)	05:01	05:51	71	12:12	84N	18:33	290	19:22
2026	May	16	(Sat)	05:01	05:50	70	12:12	84N	18:33	290	19:22
2026	May	17	(Sun)	05:01	05:50	70	12:12	84N	18:33	290	19:23
2026	May	18	(Mon)	05:01	05:50	70	12:12	84N	18:34	290	19:23
2026	May	19	(Tue)	05:00	05:50	70	12:12	84N	18:34	291	19:23
2026	May	20	(Wed)	05:00	05:50	69	12:12	83N	18:34	291	19:24
2026	May	21	(Thu)	05:00	05:49	69	12:12	83N	18:35	291	19:24
2026	May	22	(Fri)	05:00	05:49	69	12:12	83N	18:35	291	19:24
2026	May	23	(Sat)	04:59	05:49	69	12:12	83N	18:35	291	19:25
2026	May	24	(Sun)	04:59	05:49	69	12:12	83N	18:35	292	19:25
2026	May	25	(Mon)	04:59	05:49	68	12:12	82N	18:36	292	19:26
2026	May	26	(Tue)	04:59	05:49	68	12:12	82N	18:36	292	19:26
2026	May	27	(Wed)	04:59	05:49	68	12:12	82N	18:36	292	19:26
2026	May	28	(Thu)	04:59	05:49	68	12:13	82N	18:37	292	19:27
2026	May	29	(Fri)	04:59	05:49	68	12:13	82N	18:37	292	19:27
2026	May	30	(Sat)	04:58	05:49	67	12:13	82N	18:37	293	19:27
2026	May	31	(Sun)	04:58	05:49	67	12:13	81N	18:37	293	19:28
2026	Jun	01	(Mon)	04:58	05:49	67	12:13	81N	18:38	293	19:28
2026	Jun	02	(Tue)	04:58	05:49	67	12:13	81N	18:38	293	19:28
2026	Jun	03	(Wed)	04:58	05:49	67	12:13	81N	18:38	293	19:29
2026	Jun	04	(Thu)	04:58	05:49	67	12:14	81N	18:39	293	19:29
2026	Jun	05	(Fri)	04:58	05:49	67	12:14	81N	18:39	293	19:29
2026	Jun	06	(Sat)	04:58	05:49	67	12:14	81N	18:39	293	19:30
2026	Jun	07	(Sun)	04:58	05:49	66	12:14	81N	18:40	294	19:30
2026	Jun	08	(Mon)	04:58	05:49	66	12:14	81N	18:40	294	19:30
2026	Jun	09	(Tue)	04:58	05:49	66	12:15	80N	18:40	294	19:31
2026	Jun	10	(Wed)	04:58	05:49	66	12:15	80N	18:40	294	19:31
2026	Jun	11	(Thu)	04:59	05:49	66	12:15	80N	18:41	294	19:31
2026	Jun	12	(Fri)	04:59	05:49	66	12:15	80N	18:41	294	19:32
2026	Jun	13	(Sat)	04:59	05:50	66	12:15	80N	18:41	294	19:32
2026	Jun	14	(Sun)	04:59	05:50	66	12:16	80N	18:41	294	19:32
2026	Jun	15	(Mon)	04:59	05:50	66	12:16	80N	18:42	294	19:33
2026	Jun	16	(Tue)	04:59	05:50	66	12:16	80N	18:42	294	19:33
2026	Jun	17	(Wed)	04:59	05:50	66	12:16	80N	18:42	294	19:33
2026	Jun	18	(Thu)	04:59	05:50	66	12:16	80N	18:42	294	19:33
2026	Jun	19	(Fri)	05:00	05:51	66	12:17	80N	18:43	294	19:34
2026	Jun	20	(Sat)	05:00	05:51	66	12:17	80N	18:43	294	19:34
2026	Jun	21	(Sun)	05:00	05:51	66	12:17	80N	18:43	294	19:34
2026	Jun	22	(Mon)	05:00	05:51	66	12:17	80N	18:43	294	19:34
2026	Jun	23	(Tue)	05:01	05:51	66	12:18	80N	18:44	294	19:35
2026	Jun	24	(Wed)	05:01	05:52	66	12:18	80N	18:44	294	19:35
2026	Jun	25	(Thu)	05:01	05:52	66	12:18	80N	18:44	294	19:35
2026	Jun	26	(Fri)	05:01	05:52	66	12:18	80N	18:44	294	19:35
2026	Jun	27	(Sat)	05:02	05:52	66	12:18	80N	18:44	294	19:35
2026	Jun	28	(Sun)	05:02	05:53	66	12:19	80N	18:44	294	19:35
2026	Jun	29	(Mon)	05:02	05:53	66	12:19	80N	18:45	294	19:35
2026	Jun	30	(Tue)	05:02	05:53	66	12:19	80N	18:45	294	19:36
2026	Jul	01	(Wed)	05:03	05:53	66	12:19	80N	18:45	294	19:36
2026	Jul	02	(Thu)	05:03	05:54	66	12:19	80N	18:45	294	19:36
2026	Jul	03	(Fri)	05:03	05:54	66	12:20	80N	18:45	294	19:36
2026	Jul	04	(Sat)	05:04	05:54	66	12:20	80N	18:45	294	19:36
2026	Jul	05	(Sun)	05:04	05:55	66	12:20	81N	18:45	294	19:36
2026	Jul	06	(Mon)	05:04	05:55	66	12:20	81N	18:45	293	19:36
2026	Jul	07	(Tue)	05:05	05:55	67	12:20	81N	18:45	293	19:36
2026	Jul	08	(Wed)	05:05	05:55	67	12:20	81N	18:45	293	19:36

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

2026	Sep	14	(Mon)	05:19	06:05	86	12:11	81S	18:17	274	19:03
2026	Sep	15	(Tue)	05:19	06:05	87	12:11	81S	18:17	273	19:02
2026	Sep	16	(Wed)	05:19	06:05	87	12:10	81S	18:16	273	19:02
2026	Sep	17	(Thu)	05:19	06:05	87	12:10	80S	18:15	272	19:01
2026	Sep	18	(Fri)	05:19	06:05	88	12:10	80S	18:14	272	19:00
2026	Sep	19	(Sat)	05:19	06:05	88	12:09	80S	18:14	272	19:00
2026	Sep	20	(Sun)	05:19	06:04	89	12:09	79S	18:13	271	18:59
2026	Sep	21	(Mon)	05:19	06:04	89	12:09	79S	18:12	271	18:58
2026	Sep	22	(Tue)	05:19	06:04	89	12:08	78S	18:12	270	18:57
2026	Sep	23	(Wed)	05:19	06:04	90	12:08	78S	18:11	270	18:57
2026	Sep	24	(Thu)	05:19	06:04	90	12:07	78S	18:10	270	18:56
2026	Sep	25	(Fri)	05:19	06:04	91	12:07	77S	18:10	269	18:55
2026	Sep	26	(Sat)	05:19	06:04	91	12:07	77S	18:09	269	18:55
2026	Sep	27	(Sun)	05:19	06:04	91	12:06	76S	18:08	268	18:54
2026	Sep	28	(Mon)	05:19	06:04	92	12:06	76S	18:07	268	18:53
2026	Sep	29	(Tue)	05:19	06:04	92	12:06	76S	18:07	268	18:53
2026	Sep	30	(Wed)	05:19	06:05	93	12:05	75S	18:06	267	18:52
2026	Oct	01	(Thu)	05:19	06:05	93	12:05	75S	18:05	267	18:51
2026	Oct	02	(Fri)	05:19	06:05	93	12:05	74S	18:05	266	18:51
2026	Oct	03	(Sat)	05:19	06:05	94	12:04	74S	18:04	266	18:50
2026	Oct	04	(Sun)	05:19	06:05	94	12:04	74S	18:03	266	18:49
2026	Oct	05	(Mon)	05:19	06:05	95	12:04	73S	18:03	265	18:49
2026	Oct	06	(Tue)	05:19	06:05	95	12:04	73S	18:02	265	18:48
2026	Oct	07	(Wed)	05:19	06:05	95	12:03	73S	18:02	264	18:47
2026	Oct	08	(Thu)	05:19	06:05	96	12:03	72S	18:01	264	18:47
2026	Oct	09	(Fri)	05:19	06:05	96	12:03	72S	18:00	264	18:46
2026	Oct	10	(Sat)	05:19	06:05	97	12:02	71S	18:00	263	18:46
2026	Oct	11	(Sun)	05:19	06:05	97	12:02	71S	17:59	263	18:45
2026	Oct	12	(Mon)	05:19	06:05	97	12:02	71S	17:58	263	18:45
2026	Oct	13	(Tue)	05:19	06:05	98	12:02	70S	17:58	262	18:44
2026	Oct	14	(Wed)	05:19	06:05	98	12:01	70S	17:57	262	18:43
2026	Oct	15	(Thu)	05:19	06:05	98	12:01	70S	17:57	261	18:43
2026	Oct	16	(Fri)	05:19	06:06	99	12:01	69S	17:56	261	18:42
2026	Oct	17	(Sat)	05:19	06:06	99	12:01	69S	17:56	261	18:42
2026	Oct	18	(Sun)	05:19	06:06	100	12:01	68S	17:55	260	18:41
2026	Oct	19	(Mon)	05:20	06:06	100	12:00	68S	17:55	260	18:41
2026	Oct	20	(Tue)	05:20	06:06	100	12:00	68S	17:54	259	18:41
2026	Oct	21	(Wed)	05:20	06:06	101	12:00	67S	17:54	259	18:40
2026	Oct	22	(Thu)	05:20	06:06	101	12:00	67S	17:53	259	18:40
2026	Oct	23	(Fri)	05:20	06:07	101	12:00	67S	17:53	258	18:39
2026	Oct	24	(Sat)	05:20	06:07	102	12:00	66S	17:52	258	18:39
2026	Oct	25	(Sun)	05:20	06:07	102	11:59	66S	17:52	258	18:38
2026	Oct	26	(Mon)	05:20	06:07	102	11:59	66S	17:51	257	18:38
2026	Oct	27	(Tue)	05:21	06:07	103	11:59	65S	17:51	257	18:38
2026	Oct	28	(Wed)	05:21	06:08	103	11:59	65S	17:51	257	18:37
2026	Oct	29	(Thu)	05:21	06:08	104	11:59	65S	17:50	256	18:37
2026	Oct	30	(Fri)	05:21	06:08	104	11:59	64S	17:50	256	18:37
2026	Oct	31	(Sat)	05:21	06:08	104	11:59	64S	17:49	256	18:36
2026	Nov	01	(Sun)	05:22	06:09	105	11:59	64S	17:49	255	18:36
2026	Nov	02	(Mon)	05:22	06:09	105	11:59	63S	17:49	255	18:36
2026	Nov	03	(Tue)	05:22	06:09	105	11:59	63S	17:49	255	18:36
2026	Nov	04	(Wed)	05:22	06:09	105	11:59	63S	17:48	254	18:35
2026	Nov	05	(Thu)	05:22	06:10	106	11:59	62S	17:48	254	18:35
2026	Nov	06	(Fri)	05:23	06:10	106	11:59	62S	17:48	254	18:35
2026	Nov	07	(Sat)	05:23	06:10	106	11:59	62S	17:47	253	18:35
2026	Nov	08	(Sun)	05:23	06:11	107	11:59	61S	17:47	253	18:35
2026	Nov	09	(Mon)	05:23	06:11	107	11:59	61S	17:47	253	18:35
2026	Nov	10	(Tue)	05:24	06:11	107	11:59	61S	17:47	253	18:35
2026	Nov	11	(Wed)	05:24	06:12	108	11:59	61S	17:47	252	18:34
2026	Nov	12	(Thu)	05:24	06:12	108	11:59	60S	17:47	252	18:34
2026	Nov	13	(Fri)	05:25	06:13	108	12:00	60S	17:46	252	18:34
2026	Nov	14	(Sat)	05:25	06:13	108	12:00	60S	17:46	251	18:34
2026	Nov	15	(Sun)	05:25	06:13	109	12:00	60S	17:46	251	18:34
2026	Nov	16	(Mon)	05:26	06:14	109	12:00	59S	17:46	251	18:34
2026	Nov	17	(Tue)	05:26	06:14	109	12:00	59S	17:46	251	18:34
2026	Nov	18	(Wed)	05:26	06:15	109	12:00	59S	17:46	250	18:34
2026	Nov	19	(Thu)	05:27	06:15	110	12:01	59S	17:46	250	18:34

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

Sun

050.Rayong

Location: E101°10'12.0", N12°38'41.9", 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 °	
2026	Jan	01	(Thu)	06:14	06:37	113	12:19	55S	18:01	247	18:24
2026	Jan	02	(Fri)	06:14	06:37	113	12:19	55S	18:01	247	18:24
2026	Jan	03	(Sat)	06:15	06:38	113	12:20	55S	18:02	247	18:25
2026	Jan	04	(Sun)	06:15	06:38	113	12:20	55S	18:02	247	18:25
2026	Jan	05	(Mon)	06:15	06:38	113	12:21	55S	18:03	247	18:26
2026	Jan	06	(Tue)	06:16	06:39	113	12:21	56S	18:04	247	18:26
2026	Jan	07	(Wed)	06:16	06:39	113	12:21	56S	18:04	247	18:27
2026	Jan	08	(Thu)	06:16	06:39	113	12:22	56S	18:05	247	18:28
2026	Jan	09	(Fri)	06:17	06:39	113	12:22	56S	18:05	248	18:28
2026	Jan	10	(Sat)	06:17	06:40	112	12:23	56S	18:06	248	18:29
2026	Jan	11	(Sun)	06:17	06:40	112	12:23	56S	18:06	248	18:29
2026	Jan	12	(Mon)	06:17	06:40	112	12:24	56S	18:07	248	18:30

2026	Jan 13	(Tue)	06:18	06:40	112	12:24	57S	18:07	248	18:30
2026	Jan 14	(Wed)	06:18	06:41	112	12:24	57S	18:08	248	18:31
2026	Jan 15	(Thu)	06:18	06:41	112	12:25	57S	18:09	249	18:31
2026	Jan 16	(Fri)	06:18	06:41	111	12:25	57S	18:09	249	18:32
2026	Jan 17	(Sat)	06:18	06:41	111	12:25	57S	18:10	249	18:32
2026	Jan 18	(Sun)	06:19	06:41	111	12:26	58S	18:10	249	18:33
2026	Jan 19	(Mon)	06:19	06:41	111	12:26	58S	18:11	249	18:33
2026	Jan 20	(Tue)	06:19	06:41	110	12:26	58S	18:11	250	18:34
2026	Jan 21	(Wed)	06:19	06:42	110	12:27	58S	18:12	250	18:34
2026	Jan 22	(Thu)	06:19	06:42	110	12:27	58S	18:12	250	18:35
2026	Jan 23	(Fri)	06:19	06:42	110	12:27	59S	18:13	250	18:35
2026	Jan 24	(Sat)	06:19	06:42	110	12:27	59S	18:13	251	18:36
2026	Jan 25	(Sun)	06:19	06:42	109	12:28	59S	18:14	251	18:36
2026	Jan 26	(Mon)	06:19	06:42	109	12:28	59S	18:14	251	18:36
2026	Jan 27	(Tue)	06:19	06:42	109	12:28	60S	18:15	251	18:37
2026	Jan 28	(Wed)	06:19	06:42	109	12:28	60S	18:15	252	18:37
2026	Jan 29	(Thu)	06:19	06:41	108	12:28	60S	18:15	252	18:38
2026	Jan 30	(Fri)	06:19	06:41	108	12:29	60S	18:16	252	18:38
2026	Jan 31	(Sat)	06:19	06:41	108	12:29	61S	18:16	252	18:38
2026	Feb 01	(Sun)	06:19	06:41	107	12:29	61S	18:17	253	18:39
2026	Feb 02	(Mon)	06:19	06:41	107	12:29	61S	18:17	253	18:39
2026	Feb 03	(Tue)	06:19	06:41	107	12:29	62S	18:17	253	18:40
2026	Feb 04	(Wed)	06:19	06:41	107	12:29	62S	18:18	254	18:40
2026	Feb 05	(Thu)	06:18	06:40	106	12:29	62S	18:18	254	18:40
2026	Feb 06	(Fri)	06:18	06:40	106	12:29	62S	18:19	254	18:41
2026	Feb 07	(Sat)	06:18	06:40	106	12:29	63S	18:19	255	18:41
2026	Feb 08	(Sun)	06:18	06:40	105	12:29	63S	18:19	255	18:41
2026	Feb 09	(Mon)	06:18	06:39	105	12:29	63S	18:20	255	18:41
2026	Feb 10	(Tue)	06:17	06:39	105	12:29	64S	18:20	256	18:42
2026	Feb 11	(Wed)	06:17	06:39	104	12:30	64S	18:20	256	18:42
2026	Feb 12	(Thu)	06:17	06:39	104	12:29	64S	18:21	256	18:42
2026	Feb 13	(Fri)	06:17	06:38	104	12:29	65S	18:21	257	18:43
2026	Feb 14	(Sat)	06:16	06:38	103	12:29	65S	18:21	257	18:43
2026	Feb 15	(Sun)	06:16	06:38	103	12:29	65S	18:21	257	18:43
2026	Feb 16	(Mon)	06:16	06:37	103	12:29	66S	18:22	258	18:43
2026	Feb 17	(Tue)	06:15	06:37	102	12:29	66S	18:22	258	18:44
2026	Feb 18	(Wed)	06:15	06:36	102	12:29	66S	18:22	258	18:44
2026	Feb 19	(Thu)	06:14	06:36	101	12:29	67S	18:22	259	18:44
2026	Feb 20	(Fri)	06:14	06:36	101	12:29	67S	18:23	259	18:44
2026	Feb 21	(Sat)	06:14	06:35	101	12:29	68S	18:23	259	18:44
2026	Feb 22	(Sun)	06:13	06:35	100	12:29	68S	18:23	260	18:45
2026	Feb 23	(Mon)	06:13	06:34	100	12:29	68S	18:23	260	18:45
2026	Feb 24	(Tue)	06:12	06:34	100	12:29	69S	18:23	261	18:45
2026	Feb 25	(Wed)	06:12	06:33	99	12:28	69S	18:24	261	18:45
2026	Feb 26	(Thu)	06:11	06:33	99	12:28	69S	18:24	261	18:45
2026	Feb 27	(Fri)	06:11	06:32	98	12:28	70S	18:24	262	18:45
2026	Feb 28	(Sat)	06:10	06:32	98	12:28	70S	18:24	262	18:46
2026	Mar 01	(Sun)	06:10	06:31	98	12:28	70S	18:24	263	18:46
2026	Mar 02	(Mon)	06:09	06:31	97	12:27	71S	18:24	263	18:46
2026	Mar 03	(Tue)	06:09	06:30	97	12:27	71S	18:25	263	18:46
2026	Mar 04	(Wed)	06:08	06:30	97	12:27	72S	18:25	264	18:46
2026	Mar 05	(Thu)	06:08	06:29	96	12:27	72S	18:25	264	18:46
2026	Mar 06	(Fri)	06:07	06:28	96	12:27	72S	18:25	264	18:46
2026	Mar 07	(Sat)	06:07	06:28	95	12:26	73S	18:25	265	18:46
2026	Mar 08	(Sun)	06:06	06:27	95	12:26	73S	18:25	265	18:46
2026	Mar 09	(Mon)	06:05	06:27	95	12:26	74S	18:25	266	18:47
2026	Mar 10	(Tue)	06:05	06:26	94	12:26	74S	18:25	266	18:47
2026	Mar 11	(Wed)	06:04	06:25	94	12:25	74S	18:25	266	18:47
2026	Mar 12	(Thu)	06:04	06:25	93	12:25	75S	18:26	267	18:47
2026	Mar 13	(Fri)	06:03	06:24	93	12:25	75S	18:26	267	18:47
2026	Mar 14	(Sat)	06:02	06:24	93	12:25	76S	18:26	268	18:47
2026	Mar 15	(Sun)	06:02	06:23	92	12:24	76S	18:26	268	18:47
2026	Mar 16	(Mon)	06:01	06:22	92	12:24	76S	18:26	269	18:47
2026	Mar 17	(Tue)	06:01	06:22	91	12:24	77S	18:26	269	18:47
2026	Mar 18	(Wed)	06:00	06:21	91	12:23	77S	18:26	269	18:47
2026	Mar 19	(Thu)	05:59	06:20	90	12:23	78S	18:26	270	18:47
2026	Mar 20	(Fri)	05:59	06:20	90	12:23	78S	18:26	270	18:47

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

2026	May 27	(Wed)	05:26	05:49	68	12:12	82N	18:36	292	18:59
2026	May 28	(Thu)	05:26	05:49	68	12:13	82N	18:37	292	19:00
2026	May 29	(Fri)	05:26	05:49	68	12:13	82N	18:37	292	19:00
2026	May 30	(Sat)	05:26	05:49	67	12:13	82N	18:37	293	19:00
2026	May 31	(Sun)	05:26	05:49	67	12:13	81N	18:37	293	19:01
2026	Jun 01	(Mon)	05:25	05:49	67	12:13	81N	18:38	293	19:01
2026	Jun 02	(Tue)	05:25	05:49	67	12:13	81N	18:38	293	19:01
2026	Jun 03	(Wed)	05:25	05:49	67	12:13	81N	18:38	293	19:02
2026	Jun 04	(Thu)	05:25	05:49	67	12:14	81N	18:39	293	19:02
2026	Jun 05	(Fri)	05:25	05:49	67	12:14	81N	18:39	293	19:02
2026	Jun 06	(Sat)	05:26	05:49	67	12:14	81N	18:39	293	19:02
2026	Jun 07	(Sun)	05:26	05:49	66	12:14	81N	18:40	294	19:03
2026	Jun 08	(Mon)	05:26	05:49	66	12:14	81N	18:40	294	19:03
2026	Jun 09	(Tue)	05:26	05:49	66	12:15	80N	18:40	294	19:03
2026	Jun 10	(Wed)	05:26	05:49	66	12:15	80N	18:40	294	19:04
2026	Jun 11	(Thu)	05:26	05:49	66	12:15	80N	18:41	294	19:04
2026	Jun 12	(Fri)	05:26	05:49	66	12:15	80N	18:41	294	19:04
2026	Jun 13	(Sat)	05:26	05:50	66	12:15	80N	18:41	294	19:05
2026	Jun 14	(Sun)	05:26	05:50	66	12:16	80N	18:41	294	19:05
2026	Jun 15	(Mon)	05:26	05:50	66	12:16	80N	18:42	294	19:05
2026	Jun 16	(Tue)	05:27	05:50	66	12:16	80N	18:42	294	19:05
2026	Jun 17	(Wed)	05:27	05:50	66	12:16	80N	18:42	294	19:06
2026	Jun 18	(Thu)	05:27	05:50	66	12:16	80N	18:42	294	19:06
2026	Jun 19	(Fri)	05:27	05:51	66	12:17	80N	18:43	294	19:06
2026	Jun 20	(Sat)	05:27	05:51	66	12:17	80N	18:43	294	19:06
2026	Jun 21	(Sun)	05:28	05:51	66	12:17	80N	18:43	294	19:07
2026	Jun 22	(Mon)	05:28	05:51	66	12:17	80N	18:43	294	19:07
2026	Jun 23	(Tue)	05:28	05:51	66	12:18	80N	18:44	294	19:07
2026	Jun 24	(Wed)	05:28	05:52	66	12:18	80N	18:44	294	19:07
2026	Jun 25	(Thu)	05:29	05:52	66	12:18	80N	18:44	294	19:07
2026	Jun 26	(Fri)	05:29	05:52	66	12:18	80N	18:44	294	19:08
2026	Jun 27	(Sat)	05:29	05:52	66	12:18	80N	18:44	294	19:08
2026	Jun 28	(Sun)	05:29	05:53	66	12:19	80N	18:44	294	19:08
2026	Jun 29	(Mon)	05:30	05:53	66	12:19	80N	18:45	294	19:08
2026	Jun 30	(Tue)	05:30	05:53	66	12:19	80N	18:45	294	19:08
2026	Jul 01	(Wed)	05:30	05:53	66	12:19	80N	18:45	294	19:08
2026	Jul 02	(Thu)	05:30	05:54	66	12:19	80N	18:45	294	19:08
2026	Jul 03	(Fri)	05:31	05:54	66	12:20	80N	18:45	294	19:08
2026	Jul 04	(Sat)	05:31	05:54	66	12:20	80N	18:45	294	19:08
2026	Jul 05	(Sun)	05:31	05:55	66	12:20	81N	18:45	294	19:08
2026	Jul 06	(Mon)	05:32	05:55	66	12:20	81N	18:45	293	19:09
2026	Jul 07	(Tue)	05:32	05:55	67	12:20	81N	18:45	293	19:09
2026	Jul 08	(Wed)	05:32	05:55	67	12:20	81N	18:45	293	19:09
2026	Jul 09	(Thu)	05:32	05:56	67	12:21	81N	18:45	293	19:09
2026	Jul 10	(Fri)	05:33	05:56	67	12:21	81N	18:45	293	19:09
2026	Jul 11	(Sat)	05:33	05:56	67	12:21	81N	18:45	293	19:09
2026	Jul 12	(Sun)	05:33	05:56	67	12:21	81N	18:45	293	19:08
2026	Jul 13	(Mon)	05:34	05:57	67	12:21	82N	18:45	293	19:08
2026	Jul 14	(Tue)	05:34	05:57	68	12:21	82N	18:45	292	19:08
2026	Jul 15	(Wed)	05:34	05:57	68	12:21	82N	18:45	292	19:08
2026	Jul 16	(Thu)	05:35	05:58	68	12:21	82N	18:45	292	19:08
2026	Jul 17	(Fri)	05:35	05:58	68	12:22	82N	18:45	292	19:08
2026	Jul 18	(Sat)	05:35	05:58	68	12:22	82N	18:45	292	19:08
2026	Jul 19	(Sun)	05:35	05:58	68	12:22	83N	18:45	292	19:08
2026	Jul 20	(Mon)	05:36	05:59	69	12:22	83N	18:45	291	19:08
2026	Jul 21	(Tue)	05:36	05:59	69	12:22	83N	18:45	291	19:07
2026	Jul 22	(Wed)	05:36	05:59	69	12:22	83N	18:44	291	19:07
2026	Jul 23	(Thu)	05:37	05:59	69	12:22	83N	18:44	291	19:07
2026	Jul 24	(Fri)	05:37	06:00	69	12:22	83N	18:44	291	19:07
2026	Jul 25	(Sat)	05:37	06:00	70	12:22	84N	18:44	290	19:07
2026	Jul 26	(Sun)	05:37	06:00	70	12:22	84N	18:44	290	19:06
2026	Jul 27	(Mon)	05:38	06:00	70	12:22	84N	18:43	290	19:06
2026	Jul 28	(Tue)	05:38	06:01	70	12:22	84N	18:43	290	19:06
2026	Jul 29	(Wed)	05:38	06:01	71	12:22	85N	18:43	289	19:05
2026	Jul 30	(Thu)	05:38	06:01	71	12:22	85N	18:43	289	19:05
2026	Jul 31	(Fri)	05:39	06:01	71	12:22	85N	18:42	289	19:05
2026	Aug 01	(Sat)	05:39	06:01	71	12:22	85N	18:42	289	19:04

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

2026	Oct	08	(Thu)	05:44	06:05	96	12:03	72S	18:01	264	18:22
2026	Oct	09	(Fri)	05:44	06:05	96	12:03	72S	18:00	264	18:22
2026	Oct	10	(Sat)	05:44	06:05	97	12:02	71S	18:00	263	18:21
2026	Oct	11	(Sun)	05:44	06:05	97	12:02	71S	17:59	263	18:20
2026	Oct	12	(Mon)	05:44	06:05	97	12:02	71S	17:58	263	18:20
2026	Oct	13	(Tue)	05:44	06:05	98	12:02	70S	17:58	262	18:19
2026	Oct	14	(Wed)	05:44	06:05	98	12:01	70S	17:57	262	18:19
2026	Oct	15	(Thu)	05:44	06:05	98	12:01	70S	17:57	261	18:18
2026	Oct	16	(Fri)	05:44	06:06	99	12:01	69S	17:56	261	18:18
2026	Oct	17	(Sat)	05:44	06:06	99	12:01	69S	17:56	261	18:17
2026	Oct	18	(Sun)	05:44	06:06	100	12:01	68S	17:55	260	18:17
2026	Oct	19	(Mon)	05:44	06:06	100	12:00	68S	17:55	260	18:16
2026	Oct	20	(Tue)	05:45	06:06	100	12:00	68S	17:54	259	18:16
2026	Oct	21	(Wed)	05:45	06:06	101	12:00	67S	17:54	259	18:15
2026	Oct	22	(Thu)	05:45	06:06	101	12:00	67S	17:53	259	18:15
2026	Oct	23	(Fri)	05:45	06:07	101	12:00	67S	17:53	258	18:14
2026	Oct	24	(Sat)	05:45	06:07	102	12:00	66S	17:52	258	18:14
2026	Oct	25	(Sun)	05:45	06:07	102	11:59	66S	17:52	258	18:13
2026	Oct	26	(Mon)	05:45	06:07	102	11:59	66S	17:51	257	18:13
2026	Oct	27	(Tue)	05:46	06:07	103	11:59	65S	17:51	257	18:13
2026	Oct	28	(Wed)	05:46	06:08	103	11:59	65S	17:51	257	18:12
2026	Oct	29	(Thu)	05:46	06:08	104	11:59	65S	17:50	256	18:12
2026	Oct	30	(Fri)	05:46	06:08	104	11:59	64S	17:50	256	18:12
2026	Oct	31	(Sat)	05:47	06:08	104	11:59	64S	17:49	256	18:11
2026	Nov	01	(Sun)	05:47	06:09	105	11:59	64S	17:49	255	18:11
2026	Nov	02	(Mon)	05:47	06:09	105	11:59	63S	17:49	255	18:11
2026	Nov	03	(Tue)	05:47	06:09	105	11:59	63S	17:49	255	18:10
2026	Nov	04	(Wed)	05:47	06:09	105	11:59	63S	17:48	254	18:10
2026	Nov	05	(Thu)	05:48	06:10	106	11:59	62S	17:48	254	18:10
2026	Nov	06	(Fri)	05:48	06:10	106	11:59	62S	17:48	254	18:10
2026	Nov	07	(Sat)	05:48	06:10	106	11:59	62S	17:47	253	18:09
2026	Nov	08	(Sun)	05:49	06:11	107	11:59	61S	17:47	253	18:09
2026	Nov	09	(Mon)	05:49	06:11	107	11:59	61S	17:47	253	18:09
2026	Nov	10	(Tue)	05:49	06:11	107	11:59	61S	17:47	253	18:09
2026	Nov	11	(Wed)	05:50	06:12	108	11:59	61S	17:47	252	18:09
2026	Nov	12	(Thu)	05:50	06:12	108	11:59	60S	17:47	252	18:09
2026	Nov	13	(Fri)	05:50	06:13	108	12:00	60S	17:46	252	18:09
2026	Nov	14	(Sat)	05:51	06:13	108	12:00	60S	17:46	251	18:09
2026	Nov	15	(Sun)	05:51	06:13	109	12:00	60S	17:46	251	18:09
2026	Nov	16	(Mon)	05:51	06:14	109	12:00	59S	17:46	251	18:09
2026	Nov	17	(Tue)	05:52	06:14	109	12:00	59S	17:46	251	18:08
2026	Nov	18	(Wed)	05:52	06:15	109	12:00	59S	17:46	250	18:08
2026	Nov	19	(Thu)	05:53	06:15	110	12:01	59S	17:46	250	18:09
2026	Nov	20	(Fri)	05:53	06:16	110	12:01	58S	17:46	250	18:09
2026	Nov	21	(Sat)	05:54	06:16	110	12:01	58S	17:46	250	18:09
2026	Nov	22	(Sun)	05:54	06:16	110	12:01	58S	17:46	249	18:09
2026	Nov	23	(Mon)	05:54	06:17	111	12:02	58S	17:46	249	18:09
2026	Nov	24	(Tue)	05:55	06:17	111	12:02	58S	17:46	249	18:09
2026	Nov	25	(Wed)	05:55	06:18	111	12:02	57S	17:46	249	18:09
2026	Nov	26	(Thu)	05:56	06:18	111	12:03	57S	17:47	249	18:09
2026	Nov	27	(Fri)	05:56	06:19	111	12:03	57S	17:47	248	18:09
2026	Nov	28	(Sat)	05:57	06:19	112	12:03	57S	17:47	248	18:10
2026	Nov	29	(Sun)	05:57	06:20	112	12:04	57S	17:47	248	18:10
2026	Nov	30	(Mon)	05:58	06:20	112	12:04	56S	17:47	248	18:10
2026	Dec	01	(Tue)	05:58	06:21	112	12:04	56S	17:47	248	18:10
2026	Dec	02	(Wed)	05:59	06:22	112	12:05	56S	17:48	248	18:10
2026	Dec	03	(Thu)	05:59	06:22	112	12:05	56S	17:48	247	18:11
2026	Dec	04	(Fri)	06:00	06:23	113	12:05	56S	17:48	247	18:11
2026	Dec	05	(Sat)	06:00	06:23	113	12:06	56S	17:48	247	18:11
2026	Dec	06	(Sun)	06:01	06:24	113	12:06	56S	17:49	247	18:12
2026	Dec	07	(Mon)	06:01	06:24	113	12:07	55S	17:49	247	18:12
2026	Dec	08	(Tue)	06:02	06:25	113	12:07	55S	17:49	247	18:12
2026	Dec	09	(Wed)	06:02	06:25	113	12:08	55S	17:50	247	18:13
2026	Dec	10	(Thu)	06:03	06:26	113	12:08	55S	17:50	247	18:13
2026	Dec	11	(Fri)	06:03	06:26	113	12:08	55S	17:50	247	18:13
2026	Dec	12	(Sat)	06:04	06:27	113	12:09	55S	17:51	247	18:14
2026	Dec	13	(Sun)	06:05	06:28	114	12:09	55S	17:51	246	18:14



2026 Feb 07 (Sat)	22:57 105	04:11 67S	10:10 258
2026 Feb 08 (Sun)	23:46 110	04:54 62S	10:48 253
2026 Feb 09 (Mon)		05:38 57S	11:28 248
2026 Feb 10 (Tue)	00:36 114	06:25 53S	12:12 244
2026 Feb 11 (Wed)	01:28 117	07:14 51S	12:58 242
2026 Feb 12 (Thu)	02:21 119	08:05 49S	13:48 241
2026 Feb 13 (Fri)	03:13 119	08:57 49S	14:41 241
2026 Feb 14 (Sat)	04:04 118	09:49 51S	15:36 243
2026 Feb 15 (Sun)	04:53 115	10:41 54S	16:30 246
2026 Feb 16 (Mon)	05:39 111	11:30 58S	17:24 251
2026 Feb 17 (Tue)	06:22 106	12:18 63S	18:17 257
2026 Feb 18 (Wed)	07:02 100	13:04 69S	19:09 263
2026 Feb 19 (Thu)	07:42 93	13:50 76S	20:00 270
2026 Feb 20 (Fri)	08:21 87	14:35 83S	20:53 277
2026 Feb 21 (Sat)	09:02 80	15:23 90S	21:47 283
2026 Feb 22 (Sun)	09:46 74	16:14 86N	22:44 289
2026 Feb 23 (Mon)	10:34 68	17:08 81N	23:45 294
2026 Feb 24 (Tue)	11:27 64	18:06 77N	
2026 Feb 25 (Wed)	12:25 61	19:08 75N	00:48 298
2026 Feb 26 (Thu)	13:27 61	20:11 75N	01:52 299
2026 Feb 27 (Fri)	14:31 63	21:12 77N	02:54 298
2026 Feb 28 (Sat)	15:34 66	22:10 81N	03:52 296
2026 Mar 01 (Sun)	16:33 71	23:03 86N	04:43 291
2026 Mar 02 (Mon)	17:29 77	23:52 89S	05:30 286
2026 Mar 03 (Tue)	18:21 83		06:12 280
2026 Mar 04 (Wed)	19:11 90	00:37 83S	06:51 273
2026 Mar 05 (Thu)	20:00 96	01:21 76S	07:28 267
2026 Mar 06 (Fri)	20:48 103	02:04 70S	08:05 260
2026 Mar 07 (Sat)	21:37 108	02:47 64S	08:43 255
2026 Mar 08 (Sun)	22:27 112	03:31 59S	09:23 250
2026 Mar 09 (Mon)	23:19 116	04:17 55S	10:05 246
2026 Mar 10 (Tue)		05:05 52S	10:51 243
2026 Mar 11 (Wed)	00:11 118	05:55 50S	11:39 241
2026 Mar 12 (Thu)	01:03 119	06:47 49S	12:31 241
2026 Mar 13 (Fri)	01:55 119	07:39 50S	13:24 242
2026 Mar 14 (Sat)	02:44 117	08:30 52S	14:18 245
2026 Mar 15 (Sun)	03:31 113	09:20 56S	15:12 249
2026 Mar 16 (Mon)	04:14 109	10:09 61S	16:05 254
2026 Mar 17 (Tue)	04:56 103	10:55 67S	16:57 260
2026 Mar 18 (Wed)	05:37 96	11:42 73S	17:50 267
2026 Mar 19 (Thu)	06:17 90	12:28 80S	18:43 274
2026 Mar 20 (Fri)	06:58 83	13:16 87S	19:38 281
2026 Mar 21 (Sat)	07:42 76	14:07 88N	20:36 287
2026 Mar 22 (Sun)	08:29 70	15:01 82N	21:37 293
2026 Mar 23 (Mon)	09:22 65	16:00 78N	22:41 297
2026 Mar 24 (Tue)	10:19 62	17:02 75N	23:46 299
2026 Mar 25 (Wed)	11:21 61	18:05 75N	
2026 Mar 26 (Thu)	12:24 62	19:07 76N	00:49 299
2026 Mar 27 (Fri)	13:27 65	20:05 80N	01:47 297
2026 Mar 28 (Sat)	14:26 69	20:58 84N	02:40 293
2026 Mar 29 (Sun)	15:22 75	21:47 90N	03:27 288
2026 Mar 30 (Mon)	16:14 81	22:33 85S	04:09 282
2026 Mar 31 (Tue)	17:04 87	23:16 79S	04:48 276
2026 Apr 01 (Wed)	17:52 94	23:59 72S	05:26 269
2026 Apr 02 (Thu)	18:40 100		06:02 263
2026 Apr 03 (Fri)	19:29 106	00:41 66S	06:40 257
2026 Apr 04 (Sat)	20:19 111	01:25 61S	07:19 252
2026 Apr 05 (Sun)	21:10 115	02:10 56S	08:00 247
2026 Apr 06 (Mon)	22:02 117	02:58 53S	08:44 244
2026 Apr 07 (Tue)	22:54 119	03:47 50S	09:32 242
2026 Apr 08 (Wed)	23:46 119	04:38 49S	10:22 241
2026 Apr 09 (Thu)		05:30 50S	11:14 242
2026 Apr 10 (Fri)	00:36 117	06:21 51S	12:07 244
2026 Apr 11 (Sat)	01:23 115	07:11 54S	13:00 247
2026 Apr 12 (Sun)	02:07 111	07:59 59S	13:53 252
2026 Apr 13 (Mon)	02:49 106	08:45 64S	14:44 257
2026 Apr 14 (Tue)	03:29 100	09:31 70S	15:36 264

2026 Apr 15 (Wed)	04:09	93	10:17	77S	16:28	270
2026 Apr 16 (Thu)	04:49	86	11:04	84S	17:23	278
2026 Apr 17 (Fri)	05:32	79	11:54	90S	18:20	284
2026 Apr 18 (Sat)	06:19	73	12:49	85N	19:22	291
2026 Apr 19 (Sun)	07:11	67	13:47	80N	20:27	295
2026 Apr 20 (Mon)	08:08	63	14:50	76N	21:34	298
2026 Apr 21 (Tue)	09:11	61	15:55	75N	22:40	299
2026 Apr 22 (Wed)	10:16	62	16:59	76N	23:41	297
2026 Apr 23 (Thu)	11:20	64	18:00	79N		
2026 Apr 24 (Fri)	12:21	68	18:55	83N	00:37	294
2026 Apr 25 (Sat)	13:18	73	19:45	88N	01:25	289
2026 Apr 26 (Sun)	14:11	79	20:31	87S	02:09	284
2026 Apr 27 (Mon)	15:00	85	21:15	81S	02:49	278
2026 Apr 28 (Tue)	15:48	92	21:57	75S	03:26	271
2026 Apr 29 (Wed)	16:36	98	22:39	69S	04:02	265
2026 Apr 30 (Thu)	17:24	104	23:21	63S	04:39	259
2026 May 01 (Fri)	18:13	109			05:17	254
2026 May 02 (Sat)	19:03	113	00:06	58S	05:57	249
2026 May 03 (Sun)	19:55	116	00:53	54S	06:40	245
2026 May 04 (Mon)	20:48	118	01:41	51S	07:27	243
2026 May 05 (Tue)	21:39	119	02:32	50S	08:16	241
2026 May 06 (Wed)	22:30	118	03:23	49S	09:07	241
2026 May 07 (Thu)	23:17	116	04:14	51S	10:00	243
2026 May 08 (Fri)			05:04	53S	10:52	246
2026 May 09 (Sat)	00:01	112	05:52	57S	11:44	250
2026 May 10 (Sun)	00:43	108	06:38	62S	12:35	255
2026 May 11 (Mon)	01:23	102	07:22	67S	13:25	261
2026 May 12 (Tue)	02:02	96	08:07	74S	14:15	267
2026 May 13 (Wed)	02:41	89	08:52	80S	15:07	274
2026 May 14 (Thu)	03:22	82	09:40	87S	16:02	281
2026 May 15 (Fri)	04:06	76	10:32	88N	17:01	288
2026 May 16 (Sat)	04:55	70	11:29	82N	18:05	293
2026 May 17 (Sun)	05:51	65	12:31	78N	19:13	297
2026 May 18 (Mon)	06:53	62	13:37	75N	20:22	299
2026 May 19 (Tue)	08:00	61	14:44	75N	21:28	298
2026 May 20 (Wed)	09:07	63	15:49	78N	22:28	295
2026 May 21 (Thu)	10:11	67	16:48	81N	23:21	291
2026 May 22 (Fri)	11:11	72	17:41	87N		
2026 May 23 (Sat)	12:06	77	18:29	89S	00:07	285
2026 May 24 (Sun)	12:58	84	19:14	83S	00:49	279
2026 May 25 (Mon)	13:46	90	19:56	76S	01:27	273
2026 May 26 (Tue)	14:34	96	20:38	70S	02:03	267
2026 May 27 (Wed)	15:21	102	21:20	65S	02:40	261
2026 May 28 (Thu)	16:09	107	22:04	59S	03:17	255
2026 May 29 (Fri)	16:59	112	22:49	55S	03:56	250
2026 May 30 (Sat)	17:50	115	23:37	52S	04:38	246
2026 May 31 (Sun)	18:42	118			05:23	243
2026 Jun 01 (Mon)	19:35	119	00:27	50S	06:12	242
2026 Jun 02 (Tue)	20:25	118	01:19	49S	07:03	241
2026 Jun 03 (Wed)	21:14	116	02:10	50S	07:55	242
2026 Jun 04 (Thu)	21:59	113	03:00	52S	08:47	245
2026 Jun 05 (Fri)	22:41	109	03:48	56S	09:39	249
2026 Jun 06 (Sat)	23:20	104	04:34	60S	10:29	253
2026 Jun 07 (Sun)	23:58	98	05:18	65S	11:18	259
2026 Jun 08 (Mon)			06:01	71S	12:07	265
2026 Jun 09 (Tue)	00:36	92	06:45	78S	12:57	271
2026 Jun 10 (Wed)	01:15	85	07:30	84S	13:49	278
2026 Jun 11 (Thu)	01:56	79	08:18	91N	14:44	285
2026 Jun 12 (Fri)	02:42	72	09:11	85N	15:44	291
2026 Jun 13 (Sat)	03:33	67	10:10	80N	16:49	295
2026 Jun 14 (Sun)	04:32	63	11:14	76N	17:58	298
2026 Jun 15 (Mon)	05:37	61	12:21	75N	19:06	299
2026 Jun 16 (Tue)	06:45	62	13:29	76N	20:11	297
2026 Jun 17 (Wed)	07:53	65	14:33	80N	21:09	293
2026 Jun 18 (Thu)	08:58	69	15:30	85N	22:00	288
2026 Jun 19 (Fri)	09:57	75	16:22	90N	22:45	282
2026 Jun 20 (Sat)	10:51	82	17:10	85S	23:25	275

2026 Jun 21 (Sun)	11:42 88	17:54 78S	
2026 Jun 22 (Mon)	12:30 94	18:36 72S	00:03 269
2026 Jun 23 (Tue)	13:18 101	19:19 66S	00:40 263
2026 Jun 24 (Wed)	14:06 106	20:02 61S	01:17 257
2026 Jun 25 (Thu)	14:56 111	20:47 56S	01:56 252
2026 Jun 26 (Fri)	15:46 115	21:34 53S	02:37 247
2026 Jun 27 (Sat)	16:38 117	22:24 51S	03:21 244
2026 Jun 28 (Sun)	17:30 119	23:15 50S	04:08 242
2026 Jun 29 (Mon)	18:22 119		04:59 241
2026 Jun 30 (Tue)	19:11 117	00:06 50S	05:51 242
2026 Jul 01 (Wed)	19:57 114	00:57 52S	06:43 244
2026 Jul 02 (Thu)	20:40 110	01:45 55S	07:35 247
2026 Jul 03 (Fri)	21:20 105	02:32 59S	08:26 252
2026 Jul 04 (Sat)	21:59 100	03:17 64S	09:15 257
2026 Jul 05 (Sun)	22:36 94	04:00 70S	10:04 263
2026 Jul 06 (Mon)	23:13 87	04:42 76S	10:52 269
2026 Jul 07 (Tue)	23:52 81	05:26 82S	11:42 276
2026 Jul 08 (Wed)		06:11 88S	12:34 282
2026 Jul 09 (Thu)	00:34 75	07:00 87N	13:30 288
2026 Jul 10 (Fri)	01:21 69	07:55 82N	14:31 293
2026 Jul 11 (Sat)	02:15 65	08:54 78N	15:36 297
2026 Jul 12 (Sun)	03:15 62	09:59 75N	16:44 299
2026 Jul 13 (Mon)	04:22 61	11:06 75N	17:50 298
2026 Jul 14 (Tue)	05:30 63	12:12 78N	18:52 295
2026 Jul 15 (Wed)	06:37 67	13:13 82N	19:47 290
2026 Jul 16 (Thu)	07:40 72	14:09 88N	20:35 284
2026 Jul 17 (Fri)	08:38 79	15:00 87S	21:19 278
2026 Jul 18 (Sat)	09:32 85	15:47 81S	21:59 271
2026 Jul 19 (Sun)	10:23 92	16:31 74S	22:37 265
2026 Jul 20 (Mon)	11:12 98	17:15 68S	23:15 259
2026 Jul 21 (Tue)	12:01 104	17:58 62S	23:53 253
2026 Jul 22 (Wed)	12:50 109	18:43 58S	
2026 Jul 23 (Thu)	13:41 114	19:30 54S	00:34 249
2026 Jul 24 (Fri)	14:33 117	20:19 51S	01:17 245
2026 Jul 25 (Sat)	15:25 118	21:09 50S	02:04 242
2026 Jul 26 (Sun)	16:17 119	22:01 50S	02:53 241
2026 Jul 27 (Mon)	17:07 118	22:52 51S	03:45 241
2026 Jul 28 (Tue)	17:54 115	23:42 54S	04:38 243
2026 Jul 29 (Wed)	18:39 112		05:31 246
2026 Jul 30 (Thu)	19:20 107	00:30 57S	06:22 250
2026 Jul 31 (Fri)	19:59 102	01:15 62S	07:12 255
2026 Aug 01 (Sat)	20:37 96	01:59 68S	08:01 261
2026 Aug 02 (Sun)	21:14 89	02:42 74S	08:50 268
2026 Aug 03 (Mon)	21:52 83	03:25 80S	09:39 274
2026 Aug 04 (Tue)	22:32 77	04:09 87S	10:30 280
2026 Aug 05 (Wed)	23:17 71	04:56 89N	11:24 287
2026 Aug 06 (Thu)		05:47 83N	12:21 292
2026 Aug 07 (Fri)	00:06 66	06:43 79N	13:23 296
2026 Aug 08 (Sat)	01:02 63	07:44 76N	14:28 298
2026 Aug 09 (Sun)	02:04 61	08:49 75N	15:33 299
2026 Aug 10 (Mon)	03:10 62	09:53 76N	16:35 297
2026 Aug 11 (Tue)	04:17 65	10:56 80N	17:32 293
2026 Aug 12 (Wed)	05:21 69	11:54 85N	18:23 288
2026 Aug 13 (Thu)	06:21 75	12:47 91S	19:09 281
2026 Aug 14 (Fri)	07:18 82	13:36 84S	19:51 274
2026 Aug 15 (Sat)	08:11 89	14:22 77S	20:31 268
2026 Aug 16 (Sun)	09:02 96	15:07 71S	21:10 261
2026 Aug 17 (Mon)	09:52 102	15:52 65S	21:49 255
2026 Aug 18 (Tue)	10:42 107	16:37 59S	22:29 250
2026 Aug 19 (Wed)	11:33 112	17:24 55S	23:12 246
2026 Aug 20 (Thu)	12:25 116	18:12 52S	23:58 243
2026 Aug 21 (Fri)	13:18 118	19:03 50S	
2026 Aug 22 (Sat)	14:10 119	19:54 49S	00:47 241
2026 Aug 23 (Sun)	15:01 118	20:45 50S	01:38 241
2026 Aug 24 (Mon)	15:49 116	21:36 52S	02:30 242
2026 Aug 25 (Tue)	16:35 113	22:24 56S	03:23 245
2026 Aug 26 (Wed)	17:18 109	23:11 60S	04:15 249

2026 Aug 27 (Thu)	17:58	104	23:56	66S	05:06	254
2026 Aug 28 (Fri)	18:36	98			05:56	259
2026 Aug 29 (Sat)	19:14	91	00:40	72S	06:46	265
2026 Aug 30 (Sun)	19:52	85	01:23	78S	07:35	272
2026 Aug 31 (Mon)	20:32	78	02:08	85S	08:26	278
2026 Sep 01 (Tue)	21:16	72	02:54	90N	09:20	285
2026 Sep 02 (Wed)	22:03	67	03:44	85N	10:16	290
2026 Sep 03 (Thu)	22:57	64	04:38	80N	11:16	295
2026 Sep 04 (Fri)	23:56	61	05:37	77N	12:19	298
2026 Sep 05 (Sat)			06:39	75N	13:23	299
2026 Sep 06 (Sun)	00:59	61	07:42	76N	14:25	298
2026 Sep 07 (Mon)	02:03	63	08:44	78N	15:22	295
2026 Sep 08 (Tue)	03:07	67	09:42	82N	16:14	290
2026 Sep 09 (Wed)	04:07	73	10:36	88N	17:01	284
2026 Sep 10 (Thu)	05:04	79	11:26	87S	17:44	278
2026 Sep 11 (Fri)	05:58	86	12:13	80S	18:24	271
2026 Sep 12 (Sat)	06:50	93	12:58	74S	19:04	264
2026 Sep 13 (Sun)	07:41	99	13:43	67S	19:43	258
2026 Sep 14 (Mon)	08:32	105	14:29	62S	20:23	252
2026 Sep 15 (Tue)	09:23	110	15:15	57S	21:06	248
2026 Sep 16 (Wed)	10:15	114	16:04	53S	21:51	244
2026 Sep 17 (Thu)	11:08	117	16:54	51S	22:39	242
2026 Sep 18 (Fri)	12:01	119	17:45	49S	23:29	241
2026 Sep 19 (Sat)	12:53	119	18:37	50S		
2026 Sep 20 (Sun)	13:42	117	19:27	51S	00:21	242
2026 Sep 21 (Mon)	14:28	115	20:16	54S	01:14	244
2026 Sep 22 (Tue)	15:12	111	21:04	58S	02:06	247
2026 Sep 23 (Wed)	15:53	106	21:49	63S	02:57	251
2026 Sep 24 (Thu)	16:32	100	22:33	69S	03:48	257
2026 Sep 25 (Fri)	17:11	94	23:18	75S	04:37	263
2026 Sep 26 (Sat)	17:49	87			05:27	269
2026 Sep 27 (Sun)	18:29	81	00:02	82S	06:19	276
2026 Sep 28 (Mon)	19:13	75	00:49	89S	07:12	282
2026 Sep 29 (Tue)	20:00	69	01:39	87N	08:09	288
2026 Sep 30 (Wed)	20:52	65	02:33	81N	09:09	293
2026 Oct 01 (Thu)	21:50	62	03:31	78N	10:12	297
2026 Oct 02 (Fri)	22:52	61	04:33	75N	11:16	299
2026 Oct 03 (Sat)	23:56	63	05:36	75N	12:19	298
2026 Oct 04 (Sun)			06:37	77N	13:17	296
2026 Oct 05 (Mon)	00:59	66	07:36	81N	14:09	292
2026 Oct 06 (Tue)	01:59	71	08:29	86N	14:57	286
2026 Oct 07 (Wed)	02:55	77	09:19	90S	15:40	280
2026 Oct 08 (Thu)	03:49	83	10:06	83S	16:20	274
2026 Oct 09 (Fri)	04:41	90	10:51	77S	16:59	267
2026 Oct 10 (Sat)	05:31	96	11:36	70S	17:38	261
2026 Oct 11 (Sun)	06:22	102	12:21	64S	18:18	255
2026 Oct 12 (Mon)	07:13	108	13:07	59S	19:00	250
2026 Oct 13 (Tue)	08:05	113	13:55	55S	19:44	246
2026 Oct 14 (Wed)	08:58	116	14:45	52S	20:31	243
2026 Oct 15 (Thu)	09:51	118	15:36	50S	21:21	242
2026 Oct 16 (Fri)	10:44	119	16:28	50S	22:12	242
2026 Oct 17 (Sat)	11:34	118	17:19	51S	23:04	243
2026 Oct 18 (Sun)	12:21	116	18:08	53S	23:56	246
2026 Oct 19 (Mon)	13:05	112	18:55	57S		
2026 Oct 20 (Tue)	13:47	108	19:41	61S	00:47	250
2026 Oct 21 (Wed)	14:26	103	20:25	67S	01:37	254
2026 Oct 22 (Thu)	15:04	97	21:09	73S	02:26	260
2026 Oct 23 (Fri)	15:43	90	21:53	79S	03:16	266
2026 Oct 24 (Sat)	16:22	84	22:39	86S	04:06	273
2026 Oct 25 (Sun)	17:04	77	23:28	89N	04:59	279
2026 Oct 26 (Mon)	17:51	71			05:55	286
2026 Oct 27 (Tue)	18:43	66	00:22	84N	06:55	291
2026 Oct 28 (Wed)	19:41	63	01:20	79N	08:00	296
2026 Oct 29 (Thu)	20:43	62	02:22	76N	09:06	298
2026 Oct 30 (Fri)	21:49	62	03:27	75N	10:11	298
2026 Oct 31 (Sat)	22:53	65	04:31	77N	11:12	296
2026 Nov 01 (Sun)	23:54	69	05:31	80N	12:06	293

2026 Nov 02 (Mon)			06:26 84N	12:55 288
2026 Nov 03 (Tue)	00:51 75		07:17 90N	13:39 282
2026 Nov 04 (Wed)	01:45 81		08:04 85S	14:20 276
2026 Nov 05 (Thu)	02:36 88		08:49 79S	14:59 269
2026 Nov 06 (Fri)	03:26 94		09:33 72S	15:37 263
2026 Nov 07 (Sat)	04:15 100		10:17 66S	16:15 257
2026 Nov 08 (Sun)	05:06 106		11:02 61S	16:56 252
2026 Nov 09 (Mon)	05:57 111		11:49 56S	17:39 247
2026 Nov 10 (Tue)	06:50 115		12:38 53S	18:25 244
2026 Nov 11 (Wed)	07:43 117		13:29 51S	19:14 242
2026 Nov 12 (Thu)	08:36 118		14:20 50S	20:05 242
2026 Nov 13 (Fri)	09:27 118		15:11 50S	20:57 242
2026 Nov 14 (Sat)	10:15 117		16:01 52S	21:49 245
2026 Nov 15 (Sun)	11:00 114		16:49 55S	22:39 248
2026 Nov 16 (Mon)	11:42 110		17:34 59S	23:29 253
2026 Nov 17 (Tue)	12:21 105		18:18 64S	
2026 Nov 18 (Wed)	12:59 99		19:01 70S	00:17 258
2026 Nov 19 (Thu)	13:36 93		19:43 76S	01:05 264
2026 Nov 20 (Fri)	14:14 87		20:27 83S	01:54 270
2026 Nov 21 (Sat)	14:54 80		21:14 89S	02:44 276
2026 Nov 22 (Sun)	15:38 74		22:05 86N	03:38 283
2026 Nov 23 (Mon)	16:27 69		23:01 81N	04:36 289
2026 Nov 24 (Tue)	17:23 64			05:39 294
2026 Nov 25 (Wed)	18:26 62	00:03 77N		06:45 297
2026 Nov 26 (Thu)	19:32 62	01:09 76N		07:53 298
2026 Nov 27 (Fri)	20:40 64	02:16 76N		08:59 297
2026 Nov 28 (Sat)	21:45 68	03:20 79N		09:58 294
2026 Nov 29 (Sun)	22:45 73	04:19 83N		10:51 289
2026 Nov 30 (Mon)	23:41 79	05:13 88N		11:38 284
2026 Dec 01 (Tue)		06:02 87S		12:20 277
2026 Dec 02 (Wed)	00:33 86	06:48 80S		12:59 271
2026 Dec 03 (Thu)	01:24 92	07:32 74S		13:37 264
2026 Dec 04 (Fri)	02:13 99	08:15 68S		14:15 258
2026 Dec 05 (Sat)	03:02 104	09:00 62S		14:55 253
2026 Dec 06 (Sun)	03:52 109	09:45 58S		15:36 249
2026 Dec 07 (Mon)	04:44 114	10:33 54S		16:21 245
2026 Dec 08 (Tue)	05:37 116	11:23 51S		17:09 243
2026 Dec 09 (Wed)	06:30 118	12:15 50S		17:59 242
2026 Dec 10 (Thu)	07:21 118	13:06 50S		18:51 242
2026 Dec 11 (Fri)	08:11 117	13:56 52S		19:43 244
2026 Dec 12 (Sat)	08:57 115	14:45 54S		20:34 247
2026 Dec 13 (Sun)	09:39 111	15:30 58S		21:24 251
2026 Dec 14 (Mon)	10:19 106	16:14 63S		22:12 256
2026 Dec 15 (Tue)	10:57 101	16:56 68S		22:59 261
2026 Dec 16 (Wed)	11:33 96	17:38 74S		23:45 267
2026 Dec 17 (Thu)	12:09 89	18:20 80S		
2026 Dec 18 (Fri)	12:47 83	19:04 86S		00:33 274
2026 Dec 19 (Sat)	13:27 77	19:51 89N		01:24 280
2026 Dec 20 (Sun)	14:12 71	20:43 84N		02:18 286
2026 Dec 21 (Mon)	15:04 66	21:41 79N		03:16 291
2026 Dec 22 (Tue)	16:02 63	22:44 76N		04:20 296
2026 Dec 23 (Wed)	17:07 62	23:52 75N		05:28 298
2026 Dec 24 (Thu)	18:16 63			06:36 298
2026 Dec 25 (Fri)	19:25 66	00:59 77N		07:40 296
2026 Dec 26 (Sat)	20:30 71	02:03 81N		08:38 292
2026 Dec 27 (Sun)	21:30 77	03:01 86N		09:29 286
2026 Dec 28 (Mon)	22:26 84	03:54 89S		10:15 280
2026 Dec 29 (Tue)	23:18 90	04:43 82S		10:57 273
2026 Dec 30 (Wed)		05:29 76S		11:36 266
2026 Dec 31 (Thu)	00:09 97	06:13 70S		12:15 260