

Sun

MahaSarakham

Location: E103°19'04.7", N15°59'49.1", 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
2024 Jan 01 (Mon)	05:44	06:34 114		12:10 52S	17:46 246		18:36
2024 Jan 02 (Tue)	05:44	06:34 114		12:10 52S	17:46 246		18:37
2024 Jan 03 (Wed)	05:45	06:35 114		12:11 52S	17:47 246		18:37
2024 Jan 04 (Thu)	05:45	06:35 114		12:11 52S	17:48 247		18:38
2024 Jan 05 (Fri)	05:45	06:35 113		12:12 52S	17:48 247		18:38
2024 Jan 06 (Sat)	05:46	06:36 113		12:12 52S	17:49 247		18:39
2024 Jan 07 (Sun)	05:46	06:36 113		12:13 52S	17:49 247		18:39
2024 Jan 08 (Mon)	05:46	06:36 113		12:13 52S	17:50 247		18:40
2024 Jan 09 (Tue)	05:47	06:37 113		12:14 53S	17:51 247		18:40
2024 Jan 10 (Wed)	05:47	06:37 113		12:14 53S	17:51 247		18:41
2024 Jan 11 (Thu)	05:47	06:37 113		12:14 53S	17:52 247		18:42
2024 Jan 12 (Fri)	05:47	06:37 112		12:15 53S	17:52 248		18:42
2024 Jan 13 (Sat)	05:48	06:37 112		12:15 53S	17:53 248		18:43
2024 Jan 14 (Sun)	05:48	06:38 112		12:15 53S	17:54 248		18:43
2024 Jan 15 (Mon)	05:48	06:38 112		12:16 53S	17:54 248		18:44
2024 Jan 16 (Tue)	05:48	06:38 112		12:16 54S	17:55 248		18:44
2024 Jan 17 (Wed)	05:48	06:38 112		12:17 54S	17:55 249		18:45
2024 Jan 18 (Thu)	05:49	06:38 111		12:17 54S	17:56 249		18:45
2024 Jan 19 (Fri)	05:49	06:38 111		12:17 54S	17:57 249		18:46
2024 Jan 20 (Sat)	05:49	06:38 111		12:18 54S	17:57 249		18:46
2024 Jan 21 (Sun)	05:49	06:38 111		12:18 55S	17:58 249		18:47
2024 Jan 22 (Mon)	05:49	06:38 110		12:18 55S	17:58 250		18:47
2024 Jan 23 (Tue)	05:49	06:38 110		12:18 55S	17:59 250		18:48
2024 Jan 24 (Wed)	05:49	06:38 110		12:19 55S	17:59 250		18:48
2024 Jan 25 (Thu)	05:49	06:38 110		12:19 56S	18:00 250		18:49
2024 Jan 26 (Fri)	05:49	06:38 109		12:19 56S	18:00 251		18:49
2024 Jan 27 (Sat)	05:49	06:38 109		12:19 56S	18:01 251		18:50
2024 Jan 28 (Sun)	05:49	06:38 109		12:19 56S	18:01 251		18:50
2024 Jan 29 (Mon)	05:49	06:38 109		12:20 57S	18:02 251		18:51
2024 Jan 30 (Tue)	05:49	06:37 108		12:20 57S	18:03 252		18:51
2024 Jan 31 (Wed)	05:49	06:37 108		12:20 57S	18:03 252		18:51
2024 Feb 01 (Thu)	05:49	06:37 108		12:20 57S	18:04 252		18:52
2024 Feb 02 (Fri)	05:48	06:37 107		12:20 58S	18:04 253		18:52
2024 Feb 03 (Sat)	05:48	06:37 107		12:20 58S	18:04 253		18:53
2024 Feb 04 (Sun)	05:48	06:36 107		12:21 58S	18:05 253		18:53
2024 Feb 05 (Mon)	05:48	06:36 107		12:21 59S	18:05 254		18:53
2024 Feb 06 (Tue)	05:48	06:36 106		12:21 59S	18:06 254		18:54
2024 Feb 07 (Wed)	05:47	06:35 106		12:21 59S	18:06 254		18:54
2024 Feb 08 (Thu)	05:47	06:35 106		12:21 60S	18:07 255		18:55
2024 Feb 09 (Fri)	05:47	06:35 105		12:21 60S	18:07 255		18:55
2024 Feb 10 (Sat)	05:47	06:34 105		12:21 60S	18:08 255		18:55
2024 Feb 11 (Sun)	05:46	06:34 105		12:21 61S	18:08 256		18:56
2024 Feb 12 (Mon)	05:46	06:34 104		12:21 61S	18:08 256		18:56
2024 Feb 13 (Tue)	05:46	06:33 104		12:21 61S	18:09 256		18:56
2024 Feb 14 (Wed)	05:45	06:33 104		12:21 62S	18:09 257		18:57
2024 Feb 15 (Thu)	05:45	06:32 103		12:21 62S	18:10 257		18:57
2024 Feb 16 (Fri)	05:45	06:32 103		12:21 62S	18:10 257		18:57
2024 Feb 17 (Sat)	05:44	06:31 103		12:21 63S	18:10 258		18:58
2024 Feb 18 (Sun)	05:44	06:31 102		12:21 63S	18:11 258		18:58
2024 Feb 19 (Mon)	05:43	06:31 102		12:21 63S	18:11 258		18:58
2024 Feb 20 (Tue)	05:43	06:30 101		12:21 64S	18:11 259		18:58
2024 Feb 21 (Wed)	05:42	06:29 101		12:20 64S	18:12 259		18:59
2024 Feb 22 (Thu)	05:42	06:29 101		12:20 64S	18:12 260		18:59
2024 Feb 23 (Fri)	05:41	06:28 100		12:20 65S	18:12 260		18:59
2024 Feb 24 (Sat)	05:41	06:28 100		12:20 65S	18:12 260		18:59

2024	Feb	25	(Sun)	05:40	06:27	100	12:20	65S	18:13	261	19:00
2024	Feb	26	(Mon)	05:40	06:27	99	12:20	66S	18:13	261	19:00
2024	Feb	27	(Tue)	05:39	06:26	99	12:20	66S	18:13	261	19:00
2024	Feb	28	(Wed)	05:39	06:25	98	12:19	67S	18:14	262	19:00
2024	Feb	29	(Thu)	05:38	06:25	98	12:19	67S	18:14	262	19:01
2024	Mar	01	(Fri)	05:37	06:24	98	12:19	67S	18:14	263	19:01
2024	Mar	02	(Sat)	05:37	06:24	97	12:19	68S	18:14	263	19:01
2024	Mar	03	(Sun)	05:36	06:23	97	12:19	68S	18:14	263	19:01
2024	Mar	04	(Mon)	05:36	06:22	96	12:18	68S	18:15	264	19:01
2024	Mar	05	(Tue)	05:35	06:22	96	12:18	69S	18:15	264	19:02
2024	Mar	06	(Wed)	05:34	06:21	96	12:18	69S	18:15	265	19:02
2024	Mar	07	(Thu)	05:34	06:20	95	12:18	70S	18:15	265	19:02
2024	Mar	08	(Fri)	05:33	06:20	95	12:17	70S	18:16	265	19:02
2024	Mar	09	(Sat)	05:32	06:19	94	12:17	70S	18:16	266	19:02
2024	Mar	10	(Sun)	05:32	06:18	94	12:17	71S	18:16	266	19:02
2024	Mar	11	(Mon)	05:31	06:17	94	12:17	71S	18:16	267	19:03
2024	Mar	12	(Tue)	05:30	06:17	93	12:16	72S	18:16	267	19:03
2024	Mar	13	(Wed)	05:30	06:16	93	12:16	72S	18:17	267	19:03
2024	Mar	14	(Thu)	05:29	06:15	92	12:16	72S	18:17	268	19:03
2024	Mar	15	(Fri)	05:28	06:15	92	12:16	73S	18:17	268	19:03
2024	Mar	16	(Sat)	05:27	06:14	91	12:15	73S	18:17	269	19:03
2024	Mar	17	(Sun)	05:27	06:13	91	12:15	74S	18:17	269	19:04
2024	Mar	18	(Mon)	05:26	06:12	91	12:15	74S	18:17	270	19:04
2024	Mar	19	(Tue)	05:25	06:12	90	12:14	74S	18:18	270	19:04
2024	Mar	20	(Wed)	05:24	06:11	90	12:14	75S	18:18	270	19:04
2024	Mar	21	(Thu)	05:24	06:10	89	12:14	75S	18:18	271	19:04
2024	Mar	22	(Fri)	05:23	06:09	89	12:14	76S	18:18	271	19:05
2024	Mar	23	(Sat)	05:22	06:09	89	12:13	76S	18:18	272	19:05
2024	Mar	24	(Sun)	05:21	06:08	88	12:13	76S	18:18	272	19:05
2024	Mar	25	(Mon)	05:21	06:07	88	12:13	77S	18:18	272	19:05
2024	Mar	26	(Tue)	05:20	06:06	87	12:12	77S	18:19	273	19:05
2024	Mar	27	(Wed)	05:19	06:06	87	12:12	78S	18:19	273	19:05
2024	Mar	28	(Thu)	05:18	06:05	87	12:12	78S	18:19	274	19:06
2024	Mar	29	(Fri)	05:17	06:04	86	12:11	78S	18:19	274	19:06
2024	Mar	30	(Sat)	05:17	06:03	86	12:11	79S	18:19	274	19:06
2024	Mar	31	(Sun)	05:16	06:03	85	12:11	79S	18:19	275	19:06
2024	Apr	01	(Mon)	05:15	06:02	85	12:11	79S	18:19	275	19:06
2024	Apr	02	(Tue)	05:14	06:01	85	12:10	80S	18:20	276	19:06
2024	Apr	03	(Wed)	05:13	06:00	84	12:10	80S	18:20	276	19:07
2024	Apr	04	(Thu)	05:13	06:00	84	12:10	81S	18:20	276	19:07
2024	Apr	05	(Fri)	05:12	05:59	83	12:09	81S	18:20	277	19:07
2024	Apr	06	(Sat)	05:11	05:58	83	12:09	81S	18:20	277	19:07
2024	Apr	07	(Sun)	05:10	05:57	83	12:09	82S	18:20	278	19:08
2024	Apr	08	(Mon)	05:10	05:57	82	12:09	82S	18:21	278	19:08
2024	Apr	09	(Tue)	05:09	05:56	82	12:08	82S	18:21	278	19:08
2024	Apr	10	(Wed)	05:08	05:55	81	12:08	83S	18:21	279	19:08
2024	Apr	11	(Thu)	05:07	05:55	81	12:08	83S	18:21	279	19:08
2024	Apr	12	(Fri)	05:07	05:54	81	12:07	84S	18:21	280	19:09
2024	Apr	13	(Sat)	05:06	05:53	80	12:07	84S	18:21	280	19:09
2024	Apr	14	(Sun)	05:05	05:53	80	12:07	84S	18:22	280	19:09
2024	Apr	15	(Mon)	05:04	05:52	80	12:07	85S	18:22	281	19:09
2024	Apr	16	(Tue)	05:04	05:51	79	12:06	85S	18:22	281	19:10
2024	Apr	17	(Wed)	05:03	05:51	79	12:06	85S	18:22	281	19:10
2024	Apr	18	(Thu)	05:02	05:50	78	12:06	86S	18:22	282	19:10
2024	Apr	19	(Fri)	05:01	05:49	78	12:06	86S	18:23	282	19:10
2024	Apr	20	(Sat)	05:01	05:49	78	12:06	86S	18:23	283	19:11
2024	Apr	21	(Sun)	05:00	05:48	77	12:05	87S	18:23	283	19:11
2024	Apr	22	(Mon)	04:59	05:47	77	12:05	87S	18:23	283	19:11
2024	Apr	23	(Tue)	04:59	05:47	77	12:05	87S	18:23	284	19:12
2024	Apr	24	(Wed)	04:58	05:46	76	12:05	88S	18:24	284	19:12
2024	Apr	25	(Thu)	04:57	05:46	76	12:05	88S	18:24	284	19:12
2024	Apr	26	(Fri)	04:57	05:45	76	12:04	88S	18:24	285	19:13
2024	Apr	27	(Sat)	04:56	05:45	75	12:04	89S	18:24	285	19:13
2024	Apr	28	(Sun)	04:55	05:44	75	12:04	89S	18:25	285	19:13
2024	Apr	29	(Mon)	04:55	05:43	75	12:04	89S	18:25	286	19:14
2024	Apr	30	(Tue)	04:54	05:43	74	12:04	90S	18:25	286	19:14
2024	May	01	(Wed)	04:54	05:42	74	12:04	90S	18:25	286	19:14

2024	May	02	(Thu)	04:53	05:42	74	12:04	90S	18:26	286	19:15
2024	May	03	(Fri)	04:52	05:41	73	12:04	91S	18:26	287	19:15
2024	May	04	(Sat)	04:52	05:41	73	12:03	91N	18:26	287	19:15
2024	May	05	(Sun)	04:51	05:41	73	12:03	90N	18:26	287	19:16
2024	May	06	(Mon)	04:51	05:40	72	12:03	90N	18:27	288	19:16
2024	May	07	(Tue)	04:50	05:40	72	12:03	90N	18:27	288	19:16
2024	May	08	(Wed)	04:50	05:39	72	12:03	89N	18:27	288	19:17
2024	May	09	(Thu)	04:49	05:39	72	12:03	89N	18:28	289	19:17
2024	May	10	(Fri)	04:49	05:39	71	12:03	89N	18:28	289	19:18
2024	May	11	(Sat)	04:48	05:38	71	12:03	89N	18:28	289	19:18
2024	May	12	(Sun)	04:48	05:38	71	12:03	88N	18:29	289	19:18
2024	May	13	(Mon)	04:48	05:38	71	12:03	88N	18:29	290	19:19
2024	May	14	(Tue)	04:47	05:37	70	12:03	88N	18:29	290	19:19
2024	May	15	(Wed)	04:47	05:37	70	12:03	88N	18:29	290	19:20
2024	May	16	(Thu)	04:46	05:37	70	12:03	87N	18:30	290	19:20
2024	May	17	(Fri)	04:46	05:36	70	12:03	87N	18:30	291	19:20
2024	May	18	(Sat)	04:46	05:36	69	12:03	87N	18:30	291	19:21
2024	May	19	(Sun)	04:45	05:36	69	12:03	87N	18:31	291	19:21
2024	May	20	(Mon)	04:45	05:36	69	12:03	87N	18:31	291	19:22
2024	May	21	(Tue)	04:45	05:35	69	12:03	86N	18:31	291	19:22
2024	May	22	(Wed)	04:45	05:35	68	12:03	86N	18:32	292	19:23
2024	May	23	(Thu)	04:44	05:35	68	12:04	86N	18:32	292	19:23
2024	May	24	(Fri)	04:44	05:35	68	12:04	86N	18:32	292	19:23
2024	May	25	(Sat)	04:44	05:35	68	12:04	86N	18:33	292	19:24
2024	May	26	(Sun)	04:44	05:35	68	12:04	85N	18:33	292	19:24
2024	May	27	(Mon)	04:43	05:34	68	12:04	85N	18:34	293	19:25
2024	May	28	(Tue)	04:43	05:34	67	12:04	85N	18:34	293	19:25
2024	May	29	(Wed)	04:43	05:34	67	12:04	85N	18:34	293	19:25
2024	May	30	(Thu)	04:43	05:34	67	12:04	85N	18:35	293	19:26
2024	May	31	(Fri)	04:43	05:34	67	12:04	85N	18:35	293	19:26
2024	Jun	01	(Sat)	04:43	05:34	67	12:05	85N	18:35	293	19:27
2024	Jun	02	(Sun)	04:43	05:34	67	12:05	84N	18:36	293	19:27
2024	Jun	03	(Mon)	04:43	05:34	66	12:05	84N	18:36	294	19:27
2024	Jun	04	(Tue)	04:43	05:34	66	12:05	84N	18:36	294	19:28
2024	Jun	05	(Wed)	04:42	05:34	66	12:05	84N	18:37	294	19:28
2024	Jun	06	(Thu)	04:42	05:34	66	12:05	84N	18:37	294	19:29
2024	Jun	07	(Fri)	04:42	05:34	66	12:06	84N	18:37	294	19:29
2024	Jun	08	(Sat)	04:42	05:34	66	12:06	84N	18:38	294	19:29
2024	Jun	09	(Sun)	04:43	05:34	66	12:06	84N	18:38	294	19:30
2024	Jun	10	(Mon)	04:43	05:34	66	12:06	84N	18:38	294	19:30
2024	Jun	11	(Tue)	04:43	05:35	66	12:06	84N	18:38	294	19:30
2024	Jun	12	(Wed)	04:43	05:35	66	12:07	84N	18:39	294	19:31
2024	Jun	13	(Thu)	04:43	05:35	66	12:07	83N	18:39	295	19:31
2024	Jun	14	(Fri)	04:43	05:35	65	12:07	83N	18:39	295	19:31
2024	Jun	15	(Sat)	04:43	05:35	65	12:07	83N	18:40	295	19:32
2024	Jun	16	(Sun)	04:43	05:35	65	12:08	83N	18:40	295	19:32
2024	Jun	17	(Mon)	04:43	05:35	65	12:08	83N	18:40	295	19:32
2024	Jun	18	(Tue)	04:44	05:36	65	12:08	83N	18:40	295	19:32
2024	Jun	19	(Wed)	04:44	05:36	65	12:08	83N	18:41	295	19:33
2024	Jun	20	(Thu)	04:44	05:36	65	12:08	83N	18:41	295	19:33
2024	Jun	21	(Fri)	04:44	05:36	65	12:09	83N	18:41	295	19:33
2024	Jun	22	(Sat)	04:44	05:36	65	12:09	83N	18:41	295	19:33
2024	Jun	23	(Sun)	04:45	05:37	65	12:09	83N	18:41	295	19:33
2024	Jun	24	(Mon)	04:45	05:37	65	12:09	83N	18:42	295	19:34
2024	Jun	25	(Tue)	04:45	05:37	65	12:09	83N	18:42	295	19:34
2024	Jun	26	(Wed)	04:45	05:37	65	12:10	83N	18:42	295	19:34
2024	Jun	27	(Thu)	04:46	05:38	65	12:10	83N	18:42	295	19:34
2024	Jun	28	(Fri)	04:46	05:38	65	12:10	83N	18:42	294	19:34
2024	Jun	29	(Sat)	04:46	05:38	66	12:10	84N	18:42	294	19:34
2024	Jun	30	(Sun)	04:47	05:38	66	12:10	84N	18:42	294	19:34
2024	Jul	01	(Mon)	04:47	05:39	66	12:11	84N	18:43	294	19:34
2024	Jul	02	(Tue)	04:47	05:39	66	12:11	84N	18:43	294	19:34
2024	Jul	03	(Wed)	04:48	05:39	66	12:11	84N	18:43	294	19:34
2024	Jul	04	(Thu)	04:48	05:40	66	12:11	84N	18:43	294	19:34
2024	Jul	05	(Fri)	04:48	05:40	66	12:11	84N	18:43	294	19:34
2024	Jul	06	(Sat)	04:49	05:40	66	12:12	84N	18:43	294	19:34
2024	Jul	07	(Sun)	04:49	05:41	66	12:12	84N	18:43	294	19:34

2024	Jul	08	(Mon)	04:49	05:41	66	12:12	84N	18:43	294	19:34
2024	Jul	09	(Tue)	04:50	05:41	66	12:12	84N	18:43	293	19:34
2024	Jul	10	(Wed)	04:50	05:42	67	12:12	85N	18:43	293	19:34
2024	Jul	11	(Thu)	04:50	05:42	67	12:12	85N	18:43	293	19:34
2024	Jul	12	(Fri)	04:51	05:42	67	12:12	85N	18:43	293	19:34
2024	Jul	13	(Sat)	04:51	05:42	67	12:13	85N	18:43	293	19:34
2024	Jul	14	(Sun)	04:52	05:43	67	12:13	85N	18:42	293	19:34
2024	Jul	15	(Mon)	04:52	05:43	67	12:13	85N	18:42	293	19:33
2024	Jul	16	(Tue)	04:52	05:43	68	12:13	85N	18:42	292	19:33
2024	Jul	17	(Wed)	04:53	05:44	68	12:13	86N	18:42	292	19:33
2024	Jul	18	(Thu)	04:53	05:44	68	12:13	86N	18:42	292	19:33
2024	Jul	19	(Fri)	04:54	05:44	68	12:13	86N	18:42	292	19:32
2024	Jul	20	(Sat)	04:54	05:45	68	12:13	86N	18:41	292	19:32
2024	Jul	21	(Sun)	04:54	05:45	68	12:13	86N	18:41	291	19:32
2024	Jul	22	(Mon)	04:55	05:45	69	12:13	87N	18:41	291	19:32
2024	Jul	23	(Tue)	04:55	05:46	69	12:13	87N	18:41	291	19:31
2024	Jul	24	(Wed)	04:55	05:46	69	12:13	87N	18:41	291	19:31
2024	Jul	25	(Thu)	04:56	05:46	69	12:13	87N	18:40	291	19:31
2024	Jul	26	(Fri)	04:56	05:46	70	12:13	87N	18:40	290	19:30
2024	Jul	27	(Sat)	04:57	05:47	70	12:13	88N	18:40	290	19:30
2024	Jul	28	(Sun)	04:57	05:47	70	12:13	88N	18:39	290	19:29
2024	Jul	29	(Mon)	04:57	05:47	70	12:13	88N	18:39	290	19:29
2024	Jul	30	(Tue)	04:58	05:48	71	12:13	88N	18:39	289	19:28
2024	Jul	31	(Wed)	04:58	05:48	71	12:13	89N	18:38	289	19:28
2024	Aug	01	(Thu)	04:58	05:48	71	12:13	89N	18:38	289	19:28
2024	Aug	02	(Fri)	04:59	05:48	71	12:13	89N	18:37	289	19:27
2024	Aug	03	(Sat)	04:59	05:49	72	12:13	89N	18:37	288	19:27
2024	Aug	04	(Sun)	04:59	05:49	72	12:13	90N	18:37	288	19:26
2024	Aug	05	(Mon)	05:00	05:49	72	12:13	90N	18:36	288	19:25
2024	Aug	06	(Tue)	05:00	05:49	72	12:13	90N	18:36	287	19:25
2024	Aug	07	(Wed)	05:00	05:50	73	12:13	90N	18:35	287	19:24
2024	Aug	08	(Thu)	05:01	05:50	73	12:12	91S	18:35	287	19:24
2024	Aug	09	(Fri)	05:01	05:50	73	12:12	90S	18:34	287	19:23
2024	Aug	10	(Sat)	05:01	05:50	74	12:12	90S	18:34	286	19:23
2024	Aug	11	(Sun)	05:02	05:51	74	12:12	90S	18:33	286	19:22
2024	Aug	12	(Mon)	05:02	05:51	74	12:12	90S	18:33	286	19:21
2024	Aug	13	(Tue)	05:02	05:51	75	12:12	89S	18:32	285	19:21
2024	Aug	14	(Wed)	05:03	05:51	75	12:11	89S	18:31	285	19:20
2024	Aug	15	(Thu)	05:03	05:51	75	12:11	89S	18:31	285	19:19
2024	Aug	16	(Fri)	05:03	05:52	76	12:11	88S	18:30	284	19:19
2024	Aug	17	(Sat)	05:03	05:52	76	12:11	88S	18:30	284	19:18
2024	Aug	18	(Sun)	05:04	05:52	76	12:11	88S	18:29	284	19:17
2024	Aug	19	(Mon)	05:04	05:52	77	12:10	87S	18:28	283	19:17
2024	Aug	20	(Tue)	05:04	05:52	77	12:10	87S	18:28	283	19:16
2024	Aug	21	(Wed)	05:04	05:52	77	12:10	87S	18:27	283	19:15
2024	Aug	22	(Thu)	05:05	05:53	78	12:10	86S	18:26	282	19:14
2024	Aug	23	(Fri)	05:05	05:53	78	12:09	86S	18:26	282	19:14
2024	Aug	24	(Sat)	05:05	05:53	78	12:09	86S	18:25	282	19:13
2024	Aug	25	(Sun)	05:05	05:53	79	12:09	85S	18:24	281	19:12
2024	Aug	26	(Mon)	05:05	05:53	79	12:08	85S	18:24	281	19:11
2024	Aug	27	(Tue)	05:06	05:53	79	12:08	85S	18:23	280	19:10
2024	Aug	28	(Wed)	05:06	05:53	80	12:08	84S	18:22	280	19:10
2024	Aug	29	(Thu)	05:06	05:53	80	12:08	84S	18:22	280	19:09
2024	Aug	30	(Fri)	05:06	05:54	80	12:07	84S	18:21	279	19:08
2024	Aug	31	(Sat)	05:06	05:54	81	12:07	83S	18:20	279	19:07
2024	Sep	01	(Sun)	05:07	05:54	81	12:07	83S	18:19	279	19:07
2024	Sep	02	(Mon)	05:07	05:54	82	12:06	82S	18:19	278	19:06
2024	Sep	03	(Tue)	05:07	05:54	82	12:06	82S	18:18	278	19:05
2024	Sep	04	(Wed)	05:07	05:54	82	12:06	82S	18:17	277	19:04
2024	Sep	05	(Thu)	05:07	05:54	83	12:05	81S	18:16	277	19:03
2024	Sep	06	(Fri)	05:07	05:54	83	12:05	81S	18:15	277	19:02
2024	Sep	07	(Sat)	05:07	05:54	84	12:05	81S	18:15	276	19:02
2024	Sep	08	(Sun)	05:08	05:55	84	12:04	80S	18:14	276	19:01
2024	Sep	09	(Mon)	05:08	05:55	84	12:04	80S	18:13	275	19:00
2024	Sep	10	(Tue)	05:08	05:55	85	12:04	79S	18:12	275	18:59
2024	Sep	11	(Wed)	05:08	05:55	85	12:03	79S	18:12	275	18:58
2024	Sep	12	(Thu)	05:08	05:55	86	12:03	79S	18:11	274	18:57

2024	Sep	13	(Fri)	05:08	05:55	86	12:03	78S	18:10	274	18:57
2024	Sep	14	(Sat)	05:08	05:55	86	12:02	78S	18:09	273	18:56
2024	Sep	15	(Sun)	05:08	05:55	87	12:02	78S	18:08	273	18:55
2024	Sep	16	(Mon)	05:09	05:55	87	12:02	77S	18:08	273	18:54
2024	Sep	17	(Tue)	05:09	05:55	88	12:01	77S	18:07	272	18:53
2024	Sep	18	(Wed)	05:09	05:55	88	12:01	76S	18:06	272	18:53
2024	Sep	19	(Thu)	05:09	05:55	88	12:00	76S	18:05	271	18:52
2024	Sep	20	(Fri)	05:09	05:56	89	12:00	76S	18:04	271	18:51
2024	Sep	21	(Sat)	05:09	05:56	89	12:00	75S	18:04	271	18:50
2024	Sep	22	(Sun)	05:09	05:56	90	11:59	75S	18:03	270	18:49
2024	Sep	23	(Mon)	05:09	05:56	90	11:59	74S	18:02	270	18:48
2024	Sep	24	(Tue)	05:09	05:56	90	11:59	74S	18:01	269	18:48
2024	Sep	25	(Wed)	05:10	05:56	91	11:58	74S	18:00	269	18:47
2024	Sep	26	(Thu)	05:10	05:56	91	11:58	73S	18:00	269	18:46
2024	Sep	27	(Fri)	05:10	05:56	92	11:58	73S	17:59	268	18:45
2024	Sep	28	(Sat)	05:10	05:56	92	11:57	73S	17:58	268	18:44
2024	Sep	29	(Sun)	05:10	05:56	92	11:57	72S	17:57	267	18:44
2024	Sep	30	(Mon)	05:10	05:57	93	11:57	72S	17:56	267	18:43
2024	Oct	01	(Tue)	05:10	05:57	93	11:56	71S	17:56	267	18:42
2024	Oct	02	(Wed)	05:10	05:57	94	11:56	71S	17:55	266	18:41
2024	Oct	03	(Thu)	05:10	05:57	94	11:56	71S	17:54	266	18:41
2024	Oct	04	(Fri)	05:11	05:57	94	11:55	70S	17:53	265	18:40
2024	Oct	05	(Sat)	05:11	05:57	95	11:55	70S	17:53	265	18:39
2024	Oct	06	(Sun)	05:11	05:57	95	11:55	69S	17:52	265	18:39
2024	Oct	07	(Mon)	05:11	05:58	96	11:54	69S	17:51	264	18:38
2024	Oct	08	(Tue)	05:11	05:58	96	11:54	69S	17:51	264	18:37
2024	Oct	09	(Wed)	05:11	05:58	96	11:54	68S	17:50	263	18:36
2024	Oct	10	(Thu)	05:11	05:58	97	11:54	68S	17:49	263	18:36
2024	Oct	11	(Fri)	05:11	05:58	97	11:53	68S	17:48	263	18:35
2024	Oct	12	(Sat)	05:12	05:58	98	11:53	67S	17:48	262	18:34
2024	Oct	13	(Sun)	05:12	05:59	98	11:53	67S	17:47	262	18:34
2024	Oct	14	(Mon)	05:12	05:59	98	11:53	66S	17:46	261	18:33
2024	Oct	15	(Tue)	05:12	05:59	99	11:52	66S	17:46	261	18:33
2024	Oct	16	(Wed)	05:12	05:59	99	11:52	66S	17:45	261	18:32
2024	Oct	17	(Thu)	05:12	05:59	99	11:52	65S	17:44	260	18:31
2024	Oct	18	(Fri)	05:13	06:00	100	11:52	65S	17:44	260	18:31
2024	Oct	19	(Sat)	05:13	06:00	100	11:52	65S	17:43	260	18:30
2024	Oct	20	(Sun)	05:13	06:00	101	11:51	64S	17:43	259	18:30
2024	Oct	21	(Mon)	05:13	06:00	101	11:51	64S	17:42	259	18:29
2024	Oct	22	(Tue)	05:13	06:01	101	11:51	63S	17:42	258	18:29
2024	Oct	23	(Wed)	05:14	06:01	102	11:51	63S	17:41	258	18:28
2024	Oct	24	(Thu)	05:14	06:01	102	11:51	63S	17:40	258	18:28
2024	Oct	25	(Fri)	05:14	06:01	102	11:51	62S	17:40	257	18:27
2024	Oct	26	(Sat)	05:14	06:02	103	11:51	62S	17:39	257	18:27
2024	Oct	27	(Sun)	05:15	06:02	103	11:51	62S	17:39	257	18:26
2024	Oct	28	(Mon)	05:15	06:02	103	11:50	61S	17:38	256	18:26
2024	Oct	29	(Tue)	05:15	06:03	104	11:50	61S	17:38	256	18:26
2024	Oct	30	(Wed)	05:15	06:03	104	11:50	61S	17:38	256	18:25
2024	Oct	31	(Thu)	05:16	06:03	105	11:50	60S	17:37	255	18:25
2024	Nov	01	(Fri)	05:16	06:04	105	11:50	60S	17:37	255	18:24
2024	Nov	02	(Sat)	05:16	06:04	105	11:50	60S	17:36	255	18:24
2024	Nov	03	(Sun)	05:17	06:04	106	11:50	60S	17:36	254	18:24
2024	Nov	04	(Mon)	05:17	06:05	106	11:50	59S	17:36	254	18:24
2024	Nov	05	(Tue)	05:17	06:05	106	11:50	59S	17:35	254	18:23
2024	Nov	06	(Wed)	05:18	06:06	106	11:50	59S	17:35	253	18:23
2024	Nov	07	(Thu)	05:18	06:06	107	11:50	58S	17:35	253	18:23
2024	Nov	08	(Fri)	05:18	06:06	107	11:50	58S	17:34	253	18:23
2024	Nov	09	(Sat)	05:19	06:07	107	11:51	58S	17:34	252	18:22
2024	Nov	10	(Sun)	05:19	06:07	108	11:51	57S	17:34	252	18:22
2024	Nov	11	(Mon)	05:19	06:08	108	11:51	57S	17:34	252	18:22
2024	Nov	12	(Tue)	05:20	06:08	108	11:51	57S	17:33	252	18:22
2024	Nov	13	(Wed)	05:20	06:09	109	11:51	57S	17:33	251	18:22
2024	Nov	14	(Thu)	05:21	06:09	109	11:51	56S	17:33	251	18:22
2024	Nov	15	(Fri)	05:21	06:10	109	11:51	56S	17:33	251	18:22
2024	Nov	16	(Sat)	05:21	06:10	109	11:52	56S	17:33	251	18:22
2024	Nov	17	(Sun)	05:22	06:11	110	11:52	56S	17:33	250	18:21
2024	Nov	18	(Mon)	05:22	06:11	110	11:52	55S	17:33	250	18:21

2024	Nov	19	(Tue)	05:23	06:12	110	11:52	55S	17:32	250	18:21
2024	Nov	20	(Wed)	05:23	06:12	110	11:52	55S	17:32	250	18:21
2024	Nov	21	(Thu)	05:24	06:13	111	11:53	55S	17:32	249	18:22
2024	Nov	22	(Fri)	05:24	06:13	111	11:53	54S	17:32	249	18:22
2024	Nov	23	(Sat)	05:25	06:14	111	11:53	54S	17:32	249	18:22
2024	Nov	24	(Sun)	05:25	06:14	111	11:53	54S	17:32	249	18:22
2024	Nov	25	(Mon)	05:26	06:15	111	11:54	54S	17:32	248	18:22
2024	Nov	26	(Tue)	05:26	06:15	112	11:54	54S	17:33	248	18:22
2024	Nov	27	(Wed)	05:27	06:16	112	11:54	54S	17:33	248	18:22
2024	Nov	28	(Thu)	05:27	06:17	112	11:55	53S	17:33	248	18:22
2024	Nov	29	(Fri)	05:28	06:17	112	11:55	53S	17:33	248	18:23
2024	Nov	30	(Sat)	05:28	06:18	112	11:55	53S	17:33	248	18:23
2024	Dec	01	(Sun)	05:29	06:18	113	11:56	53S	17:33	247	18:23
2024	Dec	02	(Mon)	05:29	06:19	113	11:56	53S	17:33	247	18:23
2024	Dec	03	(Tue)	05:30	06:20	113	11:57	53S	17:34	247	18:23
2024	Dec	04	(Wed)	05:30	06:20	113	11:57	52S	17:34	247	18:24
2024	Dec	05	(Thu)	05:31	06:21	113	11:57	52S	17:34	247	18:24
2024	Dec	06	(Fri)	05:31	06:21	113	11:58	52S	17:34	247	18:24
2024	Dec	07	(Sat)	05:32	06:22	113	11:58	52S	17:35	247	18:25
2024	Dec	08	(Sun)	05:32	06:22	113	11:59	52S	17:35	246	18:25
2024	Dec	09	(Mon)	05:33	06:23	114	11:59	52S	17:35	246	18:25
2024	Dec	10	(Tue)	05:33	06:24	114	12:00	52S	17:36	246	18:26
2024	Dec	11	(Wed)	05:34	06:24	114	12:00	52S	17:36	246	18:26
2024	Dec	12	(Thu)	05:34	06:25	114	12:01	52S	17:36	246	18:27
2024	Dec	13	(Fri)	05:35	06:25	114	12:01	52S	17:37	246	18:27
2024	Dec	14	(Sat)	05:36	06:26	114	12:01	51S	17:37	246	18:27
2024	Dec	15	(Sun)	05:36	06:26	114	12:02	51S	17:37	246	18:28
2024	Dec	16	(Mon)	05:37	06:27	114	12:02	51S	17:38	246	18:28
2024	Dec	17	(Tue)	05:37	06:27	114	12:03	51S	17:38	246	18:29
2024	Dec	18	(Wed)	05:38	06:28	114	12:03	51S	17:39	246	18:29
2024	Dec	19	(Thu)	05:38	06:28	114	12:04	51S	17:39	246	18:30
2024	Dec	20	(Fri)	05:39	06:29	114	12:04	51S	17:40	246	18:30
2024	Dec	21	(Sat)	05:39	06:30	114	12:05	51S	17:40	246	18:31
2024	Dec	22	(Sun)	05:40	06:30	114	12:05	51S	17:41	246	18:31
2024	Dec	23	(Mon)	05:40	06:30	114	12:06	51S	17:41	246	18:32
2024	Dec	24	(Tue)	05:41	06:31	114	12:06	51S	17:42	246	18:32
2024	Dec	25	(Wed)	05:41	06:31	114	12:07	51S	17:42	246	18:33
2024	Dec	26	(Thu)	05:42	06:32	114	12:07	51S	17:43	246	18:33
2024	Dec	27	(Fri)	05:42	06:32	114	12:08	51S	17:43	246	18:34
2024	Dec	28	(Sat)	05:42	06:33	114	12:08	51S	17:44	246	18:34
2024	Dec	29	(Sun)	05:43	06:33	114	12:09	52S	17:45	246	18:35
2024	Dec	30	(Mon)	05:43	06:34	114	12:09	52S	17:45	246	18:35
2024	Dec	31	(Tue)	05:44	06:34	114	12:10	52S	17:46	246	18:36

Sun

MahaSarakham

Location: E103°19'04.7", N15°59'49.1", 0m
(Longitude referred to Greenwich meridian)

Time Zone: 7h 00m east of Greenwich

Date (Zone)	Begin Civil Twilight h m	Rise h m °	Az. °	Transit Alt. h m °	Set h m °	Az. °	End Civil Twilight h m	
2024 Jan 01 (Mon)	06:11	06:34	114	12:10	52S	17:46	246	18:09
2024 Jan 02 (Tue)	06:11	06:34	114	12:10	52S	17:46	246	18:10
2024 Jan 03 (Wed)	06:11	06:35	114	12:11	52S	17:47	246	18:10
2024 Jan 04 (Thu)	06:12	06:35	114	12:11	52S	17:48	247	18:11
2024 Jan 05 (Fri)	06:12	06:35	113	12:12	52S	17:48	247	18:11
2024 Jan 06 (Sat)	06:12	06:36	113	12:12	52S	17:49	247	18:12
2024 Jan 07 (Sun)	06:13	06:36	113	12:13	52S	17:49	247	18:13
2024 Jan 08 (Mon)	06:13	06:36	113	12:13	52S	17:50	247	18:13
2024 Jan 09 (Tue)	06:13	06:37	113	12:14	53S	17:51	247	18:14
2024 Jan 10 (Wed)	06:14	06:37	113	12:14	53S	17:51	247	18:14
2024 Jan 11 (Thu)	06:14	06:37	113	12:14	53S	17:52	247	18:15

2024	Jan	12	(Fri)	06:14	06:37	112	12:15	53S	17:52	248	18:16
2024	Jan	13	(Sat)	06:14	06:37	112	12:15	53S	17:53	248	18:16
2024	Jan	14	(Sun)	06:14	06:38	112	12:15	53S	17:54	248	18:17
2024	Jan	15	(Mon)	06:15	06:38	112	12:16	53S	17:54	248	18:17
2024	Jan	16	(Tue)	06:15	06:38	112	12:16	54S	17:55	248	18:18
2024	Jan	17	(Wed)	06:15	06:38	112	12:17	54S	17:55	249	18:18
2024	Jan	18	(Thu)	06:15	06:38	111	12:17	54S	17:56	249	18:19
2024	Jan	19	(Fri)	06:15	06:38	111	12:17	54S	17:57	249	18:19
2024	Jan	20	(Sat)	06:15	06:38	111	12:18	54S	17:57	249	18:20
2024	Jan	21	(Sun)	06:15	06:38	111	12:18	55S	17:58	249	18:21
2024	Jan	22	(Mon)	06:15	06:38	110	12:18	55S	17:58	250	18:21
2024	Jan	23	(Tue)	06:15	06:38	110	12:18	55S	17:59	250	18:22
2024	Jan	24	(Wed)	06:15	06:38	110	12:19	55S	17:59	250	18:22
2024	Jan	25	(Thu)	06:15	06:38	110	12:19	56S	18:00	250	18:23
2024	Jan	26	(Fri)	06:15	06:38	109	12:19	56S	18:00	251	18:23
2024	Jan	27	(Sat)	06:15	06:38	109	12:19	56S	18:01	251	18:24
2024	Jan	28	(Sun)	06:15	06:38	109	12:19	56S	18:01	251	18:24
2024	Jan	29	(Mon)	06:15	06:38	109	12:20	57S	18:02	251	18:25
2024	Jan	30	(Tue)	06:15	06:37	108	12:20	57S	18:03	252	18:25
2024	Jan	31	(Wed)	06:15	06:37	108	12:20	57S	18:03	252	18:26
2024	Feb	01	(Thu)	06:15	06:37	108	12:20	57S	18:04	252	18:26
2024	Feb	02	(Fri)	06:14	06:37	107	12:20	58S	18:04	253	18:26
2024	Feb	03	(Sat)	06:14	06:37	107	12:20	58S	18:04	253	18:27
2024	Feb	04	(Sun)	06:14	06:36	107	12:21	58S	18:05	253	18:27
2024	Feb	05	(Mon)	06:14	06:36	107	12:21	59S	18:05	254	18:28
2024	Feb	06	(Tue)	06:13	06:36	106	12:21	59S	18:06	254	18:28
2024	Feb	07	(Wed)	06:13	06:35	106	12:21	59S	18:06	254	18:29
2024	Feb	08	(Thu)	06:13	06:35	106	12:21	60S	18:07	255	18:29
2024	Feb	09	(Fri)	06:13	06:35	105	12:21	60S	18:07	255	18:29
2024	Feb	10	(Sat)	06:12	06:34	105	12:21	60S	18:08	255	18:30
2024	Feb	11	(Sun)	06:12	06:34	105	12:21	61S	18:08	256	18:30
2024	Feb	12	(Mon)	06:12	06:34	104	12:21	61S	18:08	256	18:30
2024	Feb	13	(Tue)	06:11	06:33	104	12:21	61S	18:09	256	18:31
2024	Feb	14	(Wed)	06:11	06:33	104	12:21	62S	18:09	257	18:31
2024	Feb	15	(Thu)	06:10	06:32	103	12:21	62S	18:10	257	18:32
2024	Feb	16	(Fri)	06:10	06:32	103	12:21	62S	18:10	257	18:32
2024	Feb	17	(Sat)	06:10	06:31	103	12:21	63S	18:10	258	18:32
2024	Feb	18	(Sun)	06:09	06:31	102	12:21	63S	18:11	258	18:32
2024	Feb	19	(Mon)	06:09	06:31	102	12:21	63S	18:11	258	18:33
2024	Feb	20	(Tue)	06:08	06:30	101	12:21	64S	18:11	259	18:33
2024	Feb	21	(Wed)	06:08	06:29	101	12:20	64S	18:12	259	18:33
2024	Feb	22	(Thu)	06:07	06:29	101	12:20	64S	18:12	260	18:34
2024	Feb	23	(Fri)	06:07	06:28	100	12:20	65S	18:12	260	18:34
2024	Feb	24	(Sat)	06:06	06:28	100	12:20	65S	18:12	260	18:34
2024	Feb	25	(Sun)	06:05	06:27	100	12:20	65S	18:13	261	18:34
2024	Feb	26	(Mon)	06:05	06:27	99	12:20	66S	18:13	261	18:35
2024	Feb	27	(Tue)	06:04	06:26	99	12:20	66S	18:13	261	18:35
2024	Feb	28	(Wed)	06:04	06:25	98	12:19	67S	18:14	262	18:35
2024	Feb	29	(Thu)	06:03	06:25	98	12:19	67S	18:14	262	18:35
2024	Mar	01	(Fri)	06:03	06:24	98	12:19	67S	18:14	263	18:36
2024	Mar	02	(Sat)	06:02	06:24	97	12:19	68S	18:14	263	18:36
2024	Mar	03	(Sun)	06:01	06:23	97	12:19	68S	18:14	263	18:36
2024	Mar	04	(Mon)	06:01	06:22	96	12:18	68S	18:15	264	18:36
2024	Mar	05	(Tue)	06:00	06:22	96	12:18	69S	18:15	264	18:37
2024	Mar	06	(Wed)	05:59	06:21	96	12:18	69S	18:15	265	18:37
2024	Mar	07	(Thu)	05:59	06:20	95	12:18	70S	18:15	265	18:37
2024	Mar	08	(Fri)	05:58	06:20	95	12:17	70S	18:16	265	18:37
2024	Mar	09	(Sat)	05:57	06:19	94	12:17	70S	18:16	266	18:37
2024	Mar	10	(Sun)	05:57	06:18	94	12:17	71S	18:16	266	18:37
2024	Mar	11	(Mon)	05:56	06:17	94	12:17	71S	18:16	267	18:38
2024	Mar	12	(Tue)	05:55	06:17	93	12:16	72S	18:16	267	18:38
2024	Mar	13	(Wed)	05:54	06:16	93	12:16	72S	18:17	267	18:38
2024	Mar	14	(Thu)	05:54	06:15	92	12:16	72S	18:17	268	18:38
2024	Mar	15	(Fri)	05:53	06:15	92	12:16	73S	18:17	268	18:38
2024	Mar	16	(Sat)	05:52	06:14	91	12:15	73S	18:17	269	18:39
2024	Mar	17	(Sun)	05:52	06:13	91	12:15	74S	18:17	269	18:39
2024	Mar	18	(Mon)	05:51	06:12	91	12:15	74S	18:17	270	18:39

2024	Mar	19	(Tue)	05:50	06:12	90	12:14	74S	18:18	270	18:39
2024	Mar	20	(Wed)	05:49	06:11	90	12:14	75S	18:18	270	18:39
2024	Mar	21	(Thu)	05:49	06:10	89	12:14	75S	18:18	271	18:39
2024	Mar	22	(Fri)	05:48	06:09	89	12:14	76S	18:18	271	18:39
2024	Mar	23	(Sat)	05:47	06:09	89	12:13	76S	18:18	272	18:40
2024	Mar	24	(Sun)	05:46	06:08	88	12:13	76S	18:18	272	18:40
2024	Mar	25	(Mon)	05:46	06:07	88	12:13	77S	18:18	272	18:40
2024	Mar	26	(Tue)	05:45	06:06	87	12:12	77S	18:19	273	18:40
2024	Mar	27	(Wed)	05:44	06:06	87	12:12	78S	18:19	273	18:40
2024	Mar	28	(Thu)	05:43	06:05	87	12:12	78S	18:19	274	18:40
2024	Mar	29	(Fri)	05:42	06:04	86	12:11	78S	18:19	274	18:41
2024	Mar	30	(Sat)	05:42	06:03	86	12:11	79S	18:19	274	18:41
2024	Mar	31	(Sun)	05:41	06:03	85	12:11	79S	18:19	275	18:41
2024	Apr	01	(Mon)	05:40	06:02	85	12:11	79S	18:19	275	18:41
2024	Apr	02	(Tue)	05:39	06:01	85	12:10	80S	18:20	276	18:41
2024	Apr	03	(Wed)	05:39	06:00	84	12:10	80S	18:20	276	18:41
2024	Apr	04	(Thu)	05:38	06:00	84	12:10	81S	18:20	276	18:42
2024	Apr	05	(Fri)	05:37	05:59	83	12:09	81S	18:20	277	18:42
2024	Apr	06	(Sat)	05:36	05:58	83	12:09	81S	18:20	277	18:42
2024	Apr	07	(Sun)	05:36	05:57	83	12:09	82S	18:20	278	18:42
2024	Apr	08	(Mon)	05:35	05:57	82	12:09	82S	18:21	278	18:42
2024	Apr	09	(Tue)	05:34	05:56	82	12:08	82S	18:21	278	18:43
2024	Apr	10	(Wed)	05:33	05:55	81	12:08	83S	18:21	279	18:43
2024	Apr	11	(Thu)	05:33	05:55	81	12:08	83S	18:21	279	18:43
2024	Apr	12	(Fri)	05:32	05:54	81	12:07	84S	18:21	280	18:43
2024	Apr	13	(Sat)	05:31	05:53	80	12:07	84S	18:21	280	18:43
2024	Apr	14	(Sun)	05:31	05:53	80	12:07	84S	18:22	280	18:44
2024	Apr	15	(Mon)	05:30	05:52	80	12:07	85S	18:22	281	18:44
2024	Apr	16	(Tue)	05:29	05:51	79	12:06	85S	18:22	281	18:44
2024	Apr	17	(Wed)	05:29	05:51	79	12:06	85S	18:22	281	18:44
2024	Apr	18	(Thu)	05:28	05:50	78	12:06	86S	18:22	282	18:44
2024	Apr	19	(Fri)	05:27	05:49	78	12:06	86S	18:23	282	18:45
2024	Apr	20	(Sat)	05:27	05:49	78	12:06	86S	18:23	283	18:45
2024	Apr	21	(Sun)	05:26	05:48	77	12:05	87S	18:23	283	18:45
2024	Apr	22	(Mon)	05:25	05:47	77	12:05	87S	18:23	283	18:45
2024	Apr	23	(Tue)	05:25	05:47	77	12:05	87S	18:23	284	18:46
2024	Apr	24	(Wed)	05:24	05:46	76	12:05	88S	18:24	284	18:46
2024	Apr	25	(Thu)	05:23	05:46	76	12:05	88S	18:24	284	18:46
2024	Apr	26	(Fri)	05:23	05:45	76	12:04	88S	18:24	285	18:46
2024	Apr	27	(Sat)	05:22	05:45	75	12:04	89S	18:24	285	18:47
2024	Apr	28	(Sun)	05:22	05:44	75	12:04	89S	18:25	285	18:47
2024	Apr	29	(Mon)	05:21	05:43	75	12:04	89S	18:25	286	18:47
2024	Apr	30	(Tue)	05:21	05:43	74	12:04	90S	18:25	286	18:48
2024	May	01	(Wed)	05:20	05:42	74	12:04	90S	18:25	286	18:48
2024	May	02	(Thu)	05:19	05:42	74	12:04	90S	18:26	286	18:48
2024	May	03	(Fri)	05:19	05:41	73	12:04	91S	18:26	287	18:48
2024	May	04	(Sat)	05:18	05:41	73	12:03	91N	18:26	287	18:49
2024	May	05	(Sun)	05:18	05:41	73	12:03	90N	18:26	287	18:49
2024	May	06	(Mon)	05:17	05:40	72	12:03	90N	18:27	288	18:49
2024	May	07	(Tue)	05:17	05:40	72	12:03	90N	18:27	288	18:50
2024	May	08	(Wed)	05:17	05:39	72	12:03	89N	18:27	288	18:50
2024	May	09	(Thu)	05:16	05:39	72	12:03	89N	18:28	289	18:50
2024	May	10	(Fri)	05:16	05:39	71	12:03	89N	18:28	289	18:51
2024	May	11	(Sat)	05:15	05:38	71	12:03	89N	18:28	289	18:51
2024	May	12	(Sun)	05:15	05:38	71	12:03	88N	18:29	289	18:51
2024	May	13	(Mon)	05:15	05:38	71	12:03	88N	18:29	290	18:52
2024	May	14	(Tue)	05:14	05:37	70	12:03	88N	18:29	290	18:52
2024	May	15	(Wed)	05:14	05:37	70	12:03	88N	18:29	290	18:53
2024	May	16	(Thu)	05:14	05:37	70	12:03	87N	18:30	290	18:53
2024	May	17	(Fri)	05:13	05:36	70	12:03	87N	18:30	291	18:53
2024	May	18	(Sat)	05:13	05:36	69	12:03	87N	18:30	291	18:54
2024	May	19	(Sun)	05:13	05:36	69	12:03	87N	18:31	291	18:54
2024	May	20	(Mon)	05:12	05:36	69	12:03	87N	18:31	291	18:54
2024	May	21	(Tue)	05:12	05:35	69	12:03	86N	18:31	291	18:55
2024	May	22	(Wed)	05:12	05:35	68	12:03	86N	18:32	292	18:55
2024	May	23	(Thu)	05:12	05:35	68	12:04	86N	18:32	292	18:55
2024	May	24	(Fri)	05:12	05:35	68	12:04	86N	18:32	292	18:56

2024	May	25	(Sat)	05:11	05:35	68	12:04	86N	18:33	292	18:56
2024	May	26	(Sun)	05:11	05:35	68	12:04	85N	18:33	292	18:57
2024	May	27	(Mon)	05:11	05:34	68	12:04	85N	18:34	293	18:57
2024	May	28	(Tue)	05:11	05:34	67	12:04	85N	18:34	293	18:57
2024	May	29	(Wed)	05:11	05:34	67	12:04	85N	18:34	293	18:58
2024	May	30	(Thu)	05:11	05:34	67	12:04	85N	18:35	293	18:58
2024	May	31	(Fri)	05:11	05:34	67	12:04	85N	18:35	293	18:58
2024	Jun	01	(Sat)	05:11	05:34	67	12:05	85N	18:35	293	18:59
2024	Jun	02	(Sun)	05:10	05:34	67	12:05	84N	18:36	293	18:59
2024	Jun	03	(Mon)	05:10	05:34	66	12:05	84N	18:36	294	19:00
2024	Jun	04	(Tue)	05:10	05:34	66	12:05	84N	18:36	294	19:00
2024	Jun	05	(Wed)	05:10	05:34	66	12:05	84N	18:37	294	19:00
2024	Jun	06	(Thu)	05:10	05:34	66	12:05	84N	18:37	294	19:01
2024	Jun	07	(Fri)	05:10	05:34	66	12:06	84N	18:37	294	19:01
2024	Jun	08	(Sat)	05:11	05:34	66	12:06	84N	18:38	294	19:01
2024	Jun	09	(Sun)	05:11	05:34	66	12:06	84N	18:38	294	19:02
2024	Jun	10	(Mon)	05:11	05:34	66	12:06	84N	18:38	294	19:02
2024	Jun	11	(Tue)	05:11	05:35	66	12:06	84N	18:38	294	19:02
2024	Jun	12	(Wed)	05:11	05:35	66	12:07	84N	18:39	294	19:03
2024	Jun	13	(Thu)	05:11	05:35	66	12:07	83N	18:39	295	19:03
2024	Jun	14	(Fri)	05:11	05:35	65	12:07	83N	18:39	295	19:03
2024	Jun	15	(Sat)	05:11	05:35	65	12:07	83N	18:40	295	19:03
2024	Jun	16	(Sun)	05:11	05:35	65	12:08	83N	18:40	295	19:04
2024	Jun	17	(Mon)	05:12	05:35	65	12:08	83N	18:40	295	19:04
2024	Jun	18	(Tue)	05:12	05:36	65	12:08	83N	18:40	295	19:04
2024	Jun	19	(Wed)	05:12	05:36	65	12:08	83N	18:41	295	19:04
2024	Jun	20	(Thu)	05:12	05:36	65	12:08	83N	18:41	295	19:05
2024	Jun	21	(Fri)	05:12	05:36	65	12:09	83N	18:41	295	19:05
2024	Jun	22	(Sat)	05:13	05:36	65	12:09	83N	18:41	295	19:05
2024	Jun	23	(Sun)	05:13	05:37	65	12:09	83N	18:41	295	19:05
2024	Jun	24	(Mon)	05:13	05:37	65	12:09	83N	18:42	295	19:05
2024	Jun	25	(Tue)	05:13	05:37	65	12:09	83N	18:42	295	19:06
2024	Jun	26	(Wed)	05:14	05:37	65	12:10	83N	18:42	295	19:06
2024	Jun	27	(Thu)	05:14	05:38	65	12:10	83N	18:42	295	19:06
2024	Jun	28	(Fri)	05:14	05:38	65	12:10	83N	18:42	294	19:06
2024	Jun	29	(Sat)	05:14	05:38	66	12:10	84N	18:42	294	19:06
2024	Jun	30	(Sun)	05:15	05:38	66	12:10	84N	18:42	294	19:06
2024	Jul	01	(Mon)	05:15	05:39	66	12:11	84N	18:43	294	19:06
2024	Jul	02	(Tue)	05:15	05:39	66	12:11	84N	18:43	294	19:06
2024	Jul	03	(Wed)	05:16	05:39	66	12:11	84N	18:43	294	19:06
2024	Jul	04	(Thu)	05:16	05:40	66	12:11	84N	18:43	294	19:06
2024	Jul	05	(Fri)	05:16	05:40	66	12:11	84N	18:43	294	19:06
2024	Jul	06	(Sat)	05:17	05:40	66	12:12	84N	18:43	294	19:06
2024	Jul	07	(Sun)	05:17	05:41	66	12:12	84N	18:43	294	19:06
2024	Jul	08	(Mon)	05:17	05:41	66	12:12	84N	18:43	294	19:06
2024	Jul	09	(Tue)	05:18	05:41	66	12:12	84N	18:43	293	19:06
2024	Jul	10	(Wed)	05:18	05:42	67	12:12	85N	18:43	293	19:06
2024	Jul	11	(Thu)	05:18	05:42	67	12:12	85N	18:43	293	19:06
2024	Jul	12	(Fri)	05:19	05:42	67	12:12	85N	18:43	293	19:06
2024	Jul	13	(Sat)	05:19	05:42	67	12:13	85N	18:43	293	19:06
2024	Jul	14	(Sun)	05:19	05:43	67	12:13	85N	18:42	293	19:06
2024	Jul	15	(Mon)	05:20	05:43	67	12:13	85N	18:42	293	19:06
2024	Jul	16	(Tue)	05:20	05:43	68	12:13	85N	18:42	292	19:06
2024	Jul	17	(Wed)	05:20	05:44	68	12:13	86N	18:42	292	19:05
2024	Jul	18	(Thu)	05:21	05:44	68	12:13	86N	18:42	292	19:05
2024	Jul	19	(Fri)	05:21	05:44	68	12:13	86N	18:42	292	19:05
2024	Jul	20	(Sat)	05:21	05:45	68	12:13	86N	18:41	292	19:05
2024	Jul	21	(Sun)	05:22	05:45	68	12:13	86N	18:41	291	19:05
2024	Jul	22	(Mon)	05:22	05:45	69	12:13	87N	18:41	291	19:04
2024	Jul	23	(Tue)	05:22	05:46	69	12:13	87N	18:41	291	19:04
2024	Jul	24	(Wed)	05:23	05:46	69	12:13	87N	18:41	291	19:04
2024	Jul	25	(Thu)	05:23	05:46	69	12:13	87N	18:40	291	19:03
2024	Jul	26	(Fri)	05:23	05:46	70	12:13	87N	18:40	290	19:03
2024	Jul	27	(Sat)	05:24	05:47	70	12:13	88N	18:40	290	19:03
2024	Jul	28	(Sun)	05:24	05:47	70	12:13	88N	18:39	290	19:02
2024	Jul	29	(Mon)	05:24	05:47	70	12:13	88N	18:39	290	19:02
2024	Jul	30	(Tue)	05:25	05:48	71	12:13	88N	18:39	289	19:02

2024	Jul	31	(Wed)	05:25	05:48	71	12:13	89N	18:38	289	19:01
2024	Aug	01	(Thu)	05:25	05:48	71	12:13	89N	18:38	289	19:01
2024	Aug	02	(Fri)	05:26	05:48	71	12:13	89N	18:37	289	19:00
2024	Aug	03	(Sat)	05:26	05:49	72	12:13	89N	18:37	288	19:00
2024	Aug	04	(Sun)	05:26	05:49	72	12:13	90N	18:37	288	18:59
2024	Aug	05	(Mon)	05:26	05:49	72	12:13	90N	18:36	288	18:59
2024	Aug	06	(Tue)	05:27	05:49	72	12:13	90N	18:36	287	18:58
2024	Aug	07	(Wed)	05:27	05:50	73	12:13	90N	18:35	287	18:58
2024	Aug	08	(Thu)	05:27	05:50	73	12:12	91S	18:35	287	18:57
2024	Aug	09	(Fri)	05:28	05:50	73	12:12	90S	18:34	287	18:57
2024	Aug	10	(Sat)	05:28	05:50	74	12:12	90S	18:34	286	18:56
2024	Aug	11	(Sun)	05:28	05:51	74	12:12	90S	18:33	286	18:56
2024	Aug	12	(Mon)	05:28	05:51	74	12:12	90S	18:33	286	18:55
2024	Aug	13	(Tue)	05:29	05:51	75	12:12	89S	18:32	285	18:54
2024	Aug	14	(Wed)	05:29	05:51	75	12:11	89S	18:31	285	18:54
2024	Aug	15	(Thu)	05:29	05:51	75	12:11	89S	18:31	285	18:53
2024	Aug	16	(Fri)	05:29	05:52	76	12:11	88S	18:30	284	18:53
2024	Aug	17	(Sat)	05:29	05:52	76	12:11	88S	18:30	284	18:52
2024	Aug	18	(Sun)	05:30	05:52	76	12:11	88S	18:29	284	18:51
2024	Aug	19	(Mon)	05:30	05:52	77	12:10	87S	18:28	283	18:51
2024	Aug	20	(Tue)	05:30	05:52	77	12:10	87S	18:28	283	18:50
2024	Aug	21	(Wed)	05:30	05:52	77	12:10	87S	18:27	283	18:49
2024	Aug	22	(Thu)	05:30	05:53	78	12:10	86S	18:26	282	18:49
2024	Aug	23	(Fri)	05:31	05:53	78	12:09	86S	18:26	282	18:48
2024	Aug	24	(Sat)	05:31	05:53	78	12:09	86S	18:25	282	18:47
2024	Aug	25	(Sun)	05:31	05:53	79	12:09	85S	18:24	281	18:46
2024	Aug	26	(Mon)	05:31	05:53	79	12:08	85S	18:24	281	18:46
2024	Aug	27	(Tue)	05:31	05:53	79	12:08	85S	18:23	280	18:45
2024	Aug	28	(Wed)	05:31	05:53	80	12:08	84S	18:22	280	18:44
2024	Aug	29	(Thu)	05:32	05:53	80	12:08	84S	18:22	280	18:43
2024	Aug	30	(Fri)	05:32	05:54	80	12:07	84S	18:21	279	18:43
2024	Aug	31	(Sat)	05:32	05:54	81	12:07	83S	18:20	279	18:42
2024	Sep	01	(Sun)	05:32	05:54	81	12:07	83S	18:19	279	18:41
2024	Sep	02	(Mon)	05:32	05:54	82	12:06	82S	18:19	278	18:40
2024	Sep	03	(Tue)	05:32	05:54	82	12:06	82S	18:18	278	18:40
2024	Sep	04	(Wed)	05:32	05:54	82	12:06	82S	18:17	277	18:39
2024	Sep	05	(Thu)	05:33	05:54	83	12:05	81S	18:16	277	18:38
2024	Sep	06	(Fri)	05:33	05:54	83	12:05	81S	18:15	277	18:37
2024	Sep	07	(Sat)	05:33	05:54	84	12:05	81S	18:15	276	18:36
2024	Sep	08	(Sun)	05:33	05:55	84	12:04	80S	18:14	276	18:36
2024	Sep	09	(Mon)	05:33	05:55	84	12:04	80S	18:13	275	18:35
2024	Sep	10	(Tue)	05:33	05:55	85	12:04	79S	18:12	275	18:34
2024	Sep	11	(Wed)	05:33	05:55	85	12:03	79S	18:12	275	18:33
2024	Sep	12	(Thu)	05:33	05:55	86	12:03	79S	18:11	274	18:32
2024	Sep	13	(Fri)	05:33	05:55	86	12:03	78S	18:10	274	18:32
2024	Sep	14	(Sat)	05:33	05:55	86	12:02	78S	18:09	273	18:31
2024	Sep	15	(Sun)	05:34	05:55	87	12:02	78S	18:08	273	18:30
2024	Sep	16	(Mon)	05:34	05:55	87	12:02	77S	18:08	273	18:29
2024	Sep	17	(Tue)	05:34	05:55	88	12:01	77S	18:07	272	18:28
2024	Sep	18	(Wed)	05:34	05:55	88	12:01	76S	18:06	272	18:27
2024	Sep	19	(Thu)	05:34	05:55	88	12:00	76S	18:05	271	18:27
2024	Sep	20	(Fri)	05:34	05:56	89	12:00	76S	18:04	271	18:26
2024	Sep	21	(Sat)	05:34	05:56	89	12:00	75S	18:04	271	18:25
2024	Sep	22	(Sun)	05:34	05:56	90	11:59	75S	18:03	270	18:24
2024	Sep	23	(Mon)	05:34	05:56	90	11:59	74S	18:02	270	18:23
2024	Sep	24	(Tue)	05:34	05:56	90	11:59	74S	18:01	269	18:23
2024	Sep	25	(Wed)	05:35	05:56	91	11:58	74S	18:00	269	18:22
2024	Sep	26	(Thu)	05:35	05:56	91	11:58	73S	18:00	269	18:21
2024	Sep	27	(Fri)	05:35	05:56	92	11:58	73S	17:59	268	18:20
2024	Sep	28	(Sat)	05:35	05:56	92	11:57	73S	17:58	268	18:20
2024	Sep	29	(Sun)	05:35	05:56	92	11:57	72S	17:57	267	18:19
2024	Sep	30	(Mon)	05:35	05:57	93	11:57	72S	17:56	267	18:18
2024	Oct	01	(Tue)	05:35	05:57	93	11:56	71S	17:56	267	18:17
2024	Oct	02	(Wed)	05:35	05:57	94	11:56	71S	17:55	266	18:16
2024	Oct	03	(Thu)	05:35	05:57	94	11:56	71S	17:54	266	18:16
2024	Oct	04	(Fri)	05:36	05:57	94	11:55	70S	17:53	265	18:15
2024	Oct	05	(Sat)	05:36	05:57	95	11:55	70S	17:53	265	18:14

2024	Oct	06	(Sun)	05:36	05:57	95	11:55	69S	17:52	265	18:14
2024	Oct	07	(Mon)	05:36	05:58	96	11:54	69S	17:51	264	18:13
2024	Oct	08	(Tue)	05:36	05:58	96	11:54	69S	17:51	264	18:12
2024	Oct	09	(Wed)	05:36	05:58	96	11:54	68S	17:50	263	18:11
2024	Oct	10	(Thu)	05:36	05:58	97	11:54	68S	17:49	263	18:11
2024	Oct	11	(Fri)	05:37	05:58	97	11:53	68S	17:48	263	18:10
2024	Oct	12	(Sat)	05:37	05:58	98	11:53	67S	17:48	262	18:09
2024	Oct	13	(Sun)	05:37	05:59	98	11:53	67S	17:47	262	18:09
2024	Oct	14	(Mon)	05:37	05:59	98	11:53	66S	17:46	261	18:08
2024	Oct	15	(Tue)	05:37	05:59	99	11:52	66S	17:46	261	18:07
2024	Oct	16	(Wed)	05:37	05:59	99	11:52	66S	17:45	261	18:07
2024	Oct	17	(Thu)	05:38	05:59	99	11:52	65S	17:44	260	18:06
2024	Oct	18	(Fri)	05:38	06:00	100	11:52	65S	17:44	260	18:06
2024	Oct	19	(Sat)	05:38	06:00	100	11:52	65S	17:43	260	18:05
2024	Oct	20	(Sun)	05:38	06:00	101	11:51	64S	17:43	259	18:04
2024	Oct	21	(Mon)	05:38	06:00	101	11:51	64S	17:42	259	18:04
2024	Oct	22	(Tue)	05:39	06:01	101	11:51	63S	17:42	258	18:03
2024	Oct	23	(Wed)	05:39	06:01	102	11:51	63S	17:41	258	18:03
2024	Oct	24	(Thu)	05:39	06:01	102	11:51	63S	17:40	258	18:02
2024	Oct	25	(Fri)	05:39	06:01	102	11:51	62S	17:40	257	18:02
2024	Oct	26	(Sat)	05:40	06:02	103	11:51	62S	17:39	257	18:01
2024	Oct	27	(Sun)	05:40	06:02	103	11:51	62S	17:39	257	18:01
2024	Oct	28	(Mon)	05:40	06:02	103	11:50	61S	17:38	256	18:00
2024	Oct	29	(Tue)	05:41	06:03	104	11:50	61S	17:38	256	18:00
2024	Oct	30	(Wed)	05:41	06:03	104	11:50	61S	17:38	256	18:00
2024	Oct	31	(Thu)	05:41	06:03	105	11:50	60S	17:37	255	17:59
2024	Nov	01	(Fri)	05:42	06:04	105	11:50	60S	17:37	255	17:59
2024	Nov	02	(Sat)	05:42	06:04	105	11:50	60S	17:36	255	17:58
2024	Nov	03	(Sun)	05:42	06:04	106	11:50	60S	17:36	254	17:58
2024	Nov	04	(Mon)	05:43	06:05	106	11:50	59S	17:36	254	17:58
2024	Nov	05	(Tue)	05:43	06:05	106	11:50	59S	17:35	254	17:58
2024	Nov	06	(Wed)	05:43	06:06	106	11:50	59S	17:35	253	17:57
2024	Nov	07	(Thu)	05:44	06:06	107	11:50	58S	17:35	253	17:57
2024	Nov	08	(Fri)	05:44	06:06	107	11:50	58S	17:34	253	17:57
2024	Nov	09	(Sat)	05:44	06:07	107	11:51	58S	17:34	252	17:56
2024	Nov	10	(Sun)	05:45	06:07	108	11:51	57S	17:34	252	17:56
2024	Nov	11	(Mon)	05:45	06:08	108	11:51	57S	17:34	252	17:56
2024	Nov	12	(Tue)	05:46	06:08	108	11:51	57S	17:33	252	17:56
2024	Nov	13	(Wed)	05:46	06:09	109	11:51	57S	17:33	251	17:56
2024	Nov	14	(Thu)	05:47	06:09	109	11:51	56S	17:33	251	17:56
2024	Nov	15	(Fri)	05:47	06:10	109	11:51	56S	17:33	251	17:55
2024	Nov	16	(Sat)	05:48	06:10	109	11:52	56S	17:33	251	17:55
2024	Nov	17	(Sun)	05:48	06:11	110	11:52	56S	17:33	250	17:55
2024	Nov	18	(Mon)	05:48	06:11	110	11:52	55S	17:33	250	17:55
2024	Nov	19	(Tue)	05:49	06:12	110	11:52	55S	17:32	250	17:55
2024	Nov	20	(Wed)	05:49	06:12	110	11:52	55S	17:32	250	17:55
2024	Nov	21	(Thu)	05:50	06:13	111	11:53	55S	17:32	249	17:55
2024	Nov	22	(Fri)	05:50	06:13	111	11:53	54S	17:32	249	17:55
2024	Nov	23	(Sat)	05:51	06:14	111	11:53	54S	17:32	249	17:55
2024	Nov	24	(Sun)	05:51	06:14	111	11:53	54S	17:32	249	17:55
2024	Nov	25	(Mon)	05:52	06:15	111	11:54	54S	17:32	248	17:55
2024	Nov	26	(Tue)	05:53	06:15	112	11:54	54S	17:33	248	17:56
2024	Nov	27	(Wed)	05:53	06:16	112	11:54	54S	17:33	248	17:56
2024	Nov	28	(Thu)	05:54	06:17	112	11:55	53S	17:33	248	17:56
2024	Nov	29	(Fri)	05:54	06:17	112	11:55	53S	17:33	248	17:56
2024	Nov	30	(Sat)	05:55	06:18	112	11:55	53S	17:33	248	17:56
2024	Dec	01	(Sun)	05:55	06:18	113	11:56	53S	17:33	247	17:56
2024	Dec	02	(Mon)	05:56	06:19	113	11:56	53S	17:33	247	17:57
2024	Dec	03	(Tue)	05:56	06:20	113	11:57	53S	17:34	247	17:57
2024	Dec	04	(Wed)	05:57	06:20	113	11:57	52S	17:34	247	17:57
2024	Dec	05	(Thu)	05:57	06:21	113	11:57	52S	17:34	247	17:57
2024	Dec	06	(Fri)	05:58	06:21	113	11:58	52S	17:34	247	17:58
2024	Dec	07	(Sat)	05:59	06:22	113	11:58	52S	17:35	247	17:58
2024	Dec	08	(Sun)	05:59	06:22	113	11:59	52S	17:35	246	17:58
2024	Dec	09	(Mon)	06:00	06:23	114	11:59	52S	17:35	246	17:59
2024	Dec	10	(Tue)	06:00	06:24	114	12:00	52S	17:36	246	17:59
2024	Dec	11	(Wed)	06:01	06:24	114	12:00	52S	17:36	246	17:59

2024	Dec	12	(Thu)	06:01	06:25	114	12:01	52S	17:36	246	18:00
2024	Dec	13	(Fri)	06:02	06:25	114	12:01	52S	17:37	246	18:00
2024	Dec	14	(Sat)	06:02	06:26	114	12:01	51S	17:37	246	18:00
2024	Dec	15	(Sun)	06:03	06:26	114	12:02	51S	17:37	246	18:01
2024	Dec	16	(Mon)	06:04	06:27	114	12:02	51S	17:38	246	18:01
2024	Dec	17	(Tue)	06:04	06:27	114	12:03	51S	17:38	246	18:02
2024	Dec	18	(Wed)	06:05	06:28	114	12:03	51S	17:39	246	18:02
2024	Dec	19	(Thu)	06:05	06:28	114	12:04	51S	17:39	246	18:03
2024	Dec	20	(Fri)	06:06	06:29	114	12:04	51S	17:40	246	18:03
2024	Dec	21	(Sat)	06:06	06:30	114	12:05	51S	17:40	246	18:04
2024	Dec	22	(Sun)	06:07	06:30	114	12:05	51S	17:41	246	18:04
2024	Dec	23	(Mon)	06:07	06:30	114	12:06	51S	17:41	246	18:05
2024	Dec	24	(Tue)	06:08	06:31	114	12:06	51S	17:42	246	18:05
2024	Dec	25	(Wed)	06:08	06:31	114	12:07	51S	17:42	246	18:06
2024	Dec	26	(Thu)	06:08	06:32	114	12:07	51S	17:43	246	18:06
2024	Dec	27	(Fri)	06:09	06:32	114	12:08	51S	17:43	246	18:07
2024	Dec	28	(Sat)	06:09	06:33	114	12:08	51S	17:44	246	18:07
2024	Dec	29	(Sun)	06:10	06:33	114	12:09	52S	17:45	246	18:08
2024	Dec	30	(Mon)	06:10	06:34	114	12:09	52S	17:45	246	18:08
2024	Dec	31	(Tue)	06:11	06:34	114	12:10	52S	17:46	246	18:09

Moon

MahaSarakham
Location: E103°19'04.7", N15°59'49.1", 0m
(Longitude referred to Greenwich meridian)

Time Zone: 7h 00m east of Greenwich

Date (Zone)			Rise Az.			Transit Alt.			Set Az.		
			h	m	°	h	m	°	h	m	°
2024	Jan	01 (Mon)	22:17	80		03:58	88S		10:22	282	
2024	Jan	02 (Tue)	23:03	86		04:38	82S		10:55	277	
2024	Jan	03 (Wed)	23:49	92		05:17	77S		11:27	271	
2024	Jan	04 (Thu)				05:56	71S		12:00	265	
2024	Jan	05 (Fri)	00:36	98		06:37	65S		12:34	259	
2024	Jan	06 (Sat)	01:25	104		07:19	59S		13:11	253	
2024	Jan	07 (Sun)	02:18	109		08:06	54S		13:52	248	
2024	Jan	08 (Mon)	03:14	114		08:58	50S		14:39	244	
2024	Jan	09 (Tue)	04:15	118		09:55	47S		15:34	241	
2024	Jan	10 (Wed)	05:18	119		10:56	46S		16:35	241	
2024	Jan	11 (Thu)	06:21	119		12:00	47S		17:40	242	
2024	Jan	12 (Fri)	07:21	116		13:03	50S		18:48	245	
2024	Jan	13 (Sat)	08:15	112		14:03	54S		19:53	251	
2024	Jan	14 (Sun)	09:04	106		14:58	60S		20:55	257	
2024	Jan	15 (Mon)	09:48	99		15:49	67S		21:55	264	
2024	Jan	16 (Tue)	10:29	92		16:38	74S		22:51	272	
2024	Jan	17 (Wed)	11:09	85		17:26	81S		23:47	279	
2024	Jan	18 (Thu)	11:49	78		18:14	88S				
2024	Jan	19 (Fri)	12:30	72		19:03	88N		00:43	285	
2024	Jan	20 (Sat)	13:15	67		19:55	83N		01:40	291	
2024	Jan	21 (Sun)	14:03	63		20:49	80N		02:38	295	
2024	Jan	22 (Mon)	14:55	61		21:44	79N		03:37	298	
2024	Jan	23 (Tue)	15:49	61		22:39	78N		04:34	299	
2024	Jan	24 (Wed)	16:45	62		23:33	80N		05:28	299	
2024	Jan	25 (Thu)	17:40	64					06:18	297	
2024	Jan	26 (Fri)	18:33	68		00:23	83N		07:03	294	
2024	Jan	27 (Sat)	19:24	73		01:10	87N		07:44	289	
2024	Jan	28 (Sun)	20:12	78		01:54	90S		08:20	284	
2024	Jan	29 (Mon)	20:58	84		02:35	84S		08:54	279	
2024	Jan	30 (Tue)	21:44	90		03:14	79S		09:27	273	
2024	Jan	31 (Wed)	22:30	96		03:53	73S		09:59	267	
2024	Feb	01 (Thu)	23:17	102		04:32	67S		10:32	261	
2024	Feb	02 (Fri)				05:13	61S		11:07	255	
2024	Feb	03 (Sat)	00:07	108		05:57	56S		11:45	250	
2024	Feb	04 (Sun)	01:00	112		06:45	52S		12:28	246	

2024 Feb 05 (Mon)	01:57 116	07:38 48S	13:18 242
2024 Feb 06 (Tue)	02:58 119	08:36 46S	14:14 241
2024 Feb 07 (Wed)	04:00 120	09:38 46S	15:17 241
2024 Feb 08 (Thu)	05:02 118	10:42 48S	16:24 243
2024 Feb 09 (Fri)	05:59 115	11:43 52S	17:31 248
2024 Feb 10 (Sat)	06:51 109	12:42 57S	18:36 254
2024 Feb 11 (Sun)	07:39 103	13:37 64S	19:39 261
2024 Feb 12 (Mon)	08:22 95	14:29 71S	20:39 269
2024 Feb 13 (Tue)	09:04 88	15:19 79S	21:37 276
2024 Feb 14 (Wed)	09:45 80	16:08 86S	22:35 283
2024 Feb 15 (Thu)	10:28 74	16:59 90N	23:34 289
2024 Feb 16 (Fri)	11:12 68	17:51 84N	
2024 Feb 17 (Sat)	12:00 64	18:45 81N	00:33 294
2024 Feb 18 (Sun)	12:51 61	19:40 79N	01:32 298
2024 Feb 19 (Mon)	13:45 60	20:35 78N	02:30 299
2024 Feb 20 (Tue)	14:40 61	21:28 79N	03:25 299
2024 Feb 21 (Wed)	15:35 63	22:19 82N	04:15 298
2024 Feb 22 (Thu)	16:28 67	23:07 85N	05:02 295
2024 Feb 23 (Fri)	17:19 71	23:52 90N	05:43 291
2024 Feb 24 (Sat)	18:08 77		06:21 286
2024 Feb 25 (Sun)	18:55 82	00:33 86S	06:55 281
2024 Feb 26 (Mon)	19:41 88	01:13 81S	07:28 275
2024 Feb 27 (Tue)	20:26 94	01:52 75S	08:00 269
2024 Feb 28 (Wed)	21:13 100	02:31 69S	08:32 263
2024 Feb 29 (Thu)	22:01 106	03:11 63S	09:06 257
2024 Mar 01 (Fri)	22:53 111	03:53 58S	09:43 252
2024 Mar 02 (Sat)	23:47 115	04:39 53S	10:23 247
2024 Mar 03 (Sun)		05:29 49S	11:09 243
2024 Mar 04 (Mon)	00:45 118	06:23 47S	12:01 241
2024 Mar 05 (Tue)	01:45 120	07:22 46S	12:59 240
2024 Mar 06 (Wed)	02:45 119	08:23 46S	14:02 242
2024 Mar 07 (Thu)	03:42 117	09:24 49S	15:07 245
2024 Mar 08 (Fri)	04:36 112	10:23 54S	16:13 250
2024 Mar 09 (Sat)	05:25 106	11:19 60S	17:17 257
2024 Mar 10 (Sun)	06:11 99	12:12 67S	18:19 265
2024 Mar 11 (Mon)	06:54 92	13:04 75S	19:19 272
2024 Mar 12 (Tue)	07:36 84	13:55 82S	20:19 280
2024 Mar 13 (Wed)	08:19 77	14:47 89S	21:20 287
2024 Mar 14 (Thu)	09:04 70	15:41 86N	22:21 293
2024 Mar 15 (Fri)	09:53 65	16:36 82N	23:22 297
2024 Mar 16 (Sat)	10:44 62	17:32 79N	
2024 Mar 17 (Sun)	11:38 60	18:29 78N	00:22 299
2024 Mar 18 (Mon)	12:34 61	19:24 79N	01:20 300
2024 Mar 19 (Tue)	13:30 62	20:16 81N	02:12 299
2024 Mar 20 (Wed)	14:24 65	21:05 84N	03:00 296
2024 Mar 21 (Thu)	15:16 70	21:50 88N	03:43 292
2024 Mar 22 (Fri)	16:05 75	22:33 88S	04:21 288
2024 Mar 23 (Sat)	16:52 80	23:13 83S	04:57 282
2024 Mar 24 (Sun)	17:38 86	23:52 77S	05:30 277
2024 Mar 25 (Mon)	18:24 92		06:02 271
2024 Mar 26 (Tue)	19:10 98	00:31 71S	06:34 265
2024 Mar 27 (Wed)	19:58 104	01:11 65S	07:08 259
2024 Mar 28 (Thu)	20:49 109	01:52 59S	07:43 253
2024 Mar 29 (Fri)	21:42 114	02:37 54S	08:22 248
2024 Mar 30 (Sat)	22:38 117	03:25 50S	09:06 244
2024 Mar 31 (Sun)	23:36 119	04:17 47S	09:55 241
2024 Apr 01 (Mon)		05:13 46S	10:50 240
2024 Apr 02 (Tue)	00:35 120	06:12 46S	11:49 241
2024 Apr 03 (Wed)	01:31 118	07:11 48S	12:52 243
2024 Apr 04 (Thu)	02:25 115	08:08 52S	13:55 248
2024 Apr 05 (Fri)	03:14 109	09:04 57S	14:57 253
2024 Apr 06 (Sat)	04:00 103	09:57 63S	15:58 260
2024 Apr 07 (Sun)	04:43 96	10:49 71S	16:58 268
2024 Apr 08 (Mon)	05:25 88	11:40 78S	17:58 276
2024 Apr 09 (Tue)	06:08 80	12:31 86S	18:59 283
2024 Apr 10 (Wed)	06:52 73	13:25 89N	20:01 290
2024 Apr 11 (Thu)	07:40 68	14:21 84N	21:05 295

2024 Apr 12 (Fri)	08:32 63	15:19 80N	22:08 298
2024 Apr 13 (Sat)	09:27 61	16:17 78N	23:09 300
2024 Apr 14 (Sun)	10:24 60	17:15 78N	
2024 Apr 15 (Mon)	11:21 61	18:10 80N	00:05 299
2024 Apr 16 (Tue)	12:17 64	19:01 83N	00:56 297
2024 Apr 17 (Wed)	13:10 68	19:47 87N	01:41 294
2024 Apr 18 (Thu)	14:01 73	20:31 90S	02:21 289
2024 Apr 19 (Fri)	14:48 78	21:12 84S	02:57 284
2024 Apr 20 (Sat)	15:35 84	21:51 79S	03:31 279
2024 Apr 21 (Sun)	16:21 90	22:30 73S	04:03 273
2024 Apr 22 (Mon)	17:07 96	23:09 67S	04:36 267
2024 Apr 23 (Tue)	17:54 102	23:50 61S	05:08 261
2024 Apr 24 (Wed)	18:44 108		05:43 255
2024 Apr 25 (Thu)	19:37 113	00:34 56S	06:22 250
2024 Apr 26 (Fri)	20:33 116	01:22 51S	07:04 245
2024 Apr 27 (Sat)	21:31 119	02:13 48S	07:52 242
2024 Apr 28 (Sun)	22:29 120	03:08 46S	08:45 240
2024 Apr 29 (Mon)	23:26 119	04:06 46S	09:43 240
2024 Apr 30 (Tue)		05:04 47S	10:44 242
2024 May 01 (Wed)	00:20 116	06:01 50S	11:46 246
2024 May 02 (Thu)	01:09 111	06:56 55S	12:46 251
2024 May 03 (Fri)	01:54 106	07:48 61S	13:46 258
2024 May 04 (Sat)	02:37 99	08:38 68S	14:44 265
2024 May 05 (Sun)	03:18 91	09:28 75S	15:42 272
2024 May 06 (Mon)	03:59 84	10:17 82S	16:41 280
2024 May 07 (Tue)	04:41 77	11:09 89S	17:41 287
2024 May 08 (Wed)	05:27 70	12:04 86N	18:44 292
2024 May 09 (Thu)	06:17 65	13:01 82N	19:48 297
2024 May 10 (Fri)	07:11 62	14:01 79N	20:52 299
2024 May 11 (Sat)	08:09 60	15:00 78N	21:52 300
2024 May 12 (Sun)	09:08 61	15:58 79N	22:46 298
2024 May 13 (Mon)	10:06 63	16:52 81N	23:35 295
2024 May 14 (Tue)	11:02 67	17:41 85N	
2024 May 15 (Wed)	11:54 71	18:27 90N	00:18 291
2024 May 16 (Thu)	12:43 76	19:09 86S	00:56 286
2024 May 17 (Fri)	13:30 82	19:48 81S	01:31 281
2024 May 18 (Sat)	14:16 88	20:27 75S	02:03 275
2024 May 19 (Sun)	15:02 94	21:06 69S	02:36 269
2024 May 20 (Mon)	15:49 100	21:47 63S	03:08 263
2024 May 21 (Tue)	16:38 106	22:30 58S	03:42 257
2024 May 22 (Wed)	17:30 111	23:16 53S	04:19 252
2024 May 23 (Thu)	18:25 115		05:01 247
2024 May 24 (Fri)	19:23 118	00:07 49S	05:47 243
2024 May 25 (Sat)	20:23 120	01:02 47S	06:39 241
2024 May 26 (Sun)	21:21 119	02:00 46S	07:37 240
2024 May 27 (Mon)	22:16 117	02:59 46S	08:38 242
2024 May 28 (Tue)	23:07 113	03:57 49S	09:40 245
2024 May 29 (Wed)	23:53 107	04:52 53S	10:41 250
2024 May 30 (Thu)		05:45 59S	11:40 256
2024 May 31 (Fri)	00:35 101	06:34 65S	12:37 262
2024 Jun 01 (Sat)	01:15 94	07:22 72S	13:33 270
2024 Jun 02 (Sun)	01:55 87	08:10 80S	14:30 277
2024 Jun 03 (Mon)	02:36 80	09:00 86S	15:28 284
2024 Jun 04 (Tue)	03:19 73	09:51 89N	16:28 290
2024 Jun 05 (Wed)	04:06 67	10:47 84N	17:31 295
2024 Jun 06 (Thu)	04:58 63	11:45 80N	18:34 298
2024 Jun 07 (Fri)	05:54 61	12:45 78N	19:36 300
2024 Jun 08 (Sat)	06:53 60	13:44 78N	20:34 299
2024 Jun 09 (Sun)	07:52 62	14:40 80N	21:26 297
2024 Jun 10 (Mon)	08:50 65	15:32 84N	22:11 293
2024 Jun 11 (Tue)	09:44 69	16:20 88N	22:52 288
2024 Jun 12 (Wed)	10:35 74	17:04 88S	23:28 283
2024 Jun 13 (Thu)	11:23 80	17:44 83S	
2024 Jun 14 (Fri)	12:10 86	18:24 77S	00:02 277
2024 Jun 15 (Sat)	12:55 92	19:03 71S	00:34 271
2024 Jun 16 (Sun)	13:41 98	19:42 65S	01:07 265
2024 Jun 17 (Mon)	14:29 104	20:24 60S	01:40 259

2024 Jun 18 (Tue)	15:20 109	21:09 55S	02:15 254
2024 Jun 19 (Wed)	16:14 114	21:58 51S	02:55 249
2024 Jun 20 (Thu)	17:12 117	22:51 47S	03:39 245
2024 Jun 21 (Fri)	18:12 119	23:49 46S	04:30 242
2024 Jun 22 (Sat)	19:12 120		05:26 240
2024 Jun 23 (Sun)	20:09 118	00:49 46S	06:27 241
2024 Jun 24 (Mon)	21:02 114	01:49 48S	07:31 244
2024 Jun 25 (Tue)	21:51 109	02:47 52S	08:34 248
2024 Jun 26 (Wed)	22:35 103	03:41 57S	09:34 254
2024 Jun 27 (Thu)	23:16 96	04:32 64S	10:33 261
2024 Jun 28 (Fri)	23:55 89	05:20 70S	11:29 268
2024 Jun 29 (Sat)		06:08 78S	12:25 275
2024 Jun 30 (Sun)	00:35 82	06:56 84S	13:21 282
2024 Jul 01 (Mon)	01:16 75	07:46 91N	14:20 288
2024 Jul 02 (Tue)	02:01 69	08:38 85N	15:20 294
2024 Jul 03 (Wed)	02:50 65	09:34 81N	16:22 297
2024 Jul 04 (Thu)	03:43 62	10:32 79N	17:23 299
2024 Jul 05 (Fri)	04:40 60	11:31 78N	18:22 299
2024 Jul 06 (Sat)	05:39 61	12:29 79N	19:16 298
2024 Jul 07 (Sun)	06:38 64	13:23 82N	20:04 294
2024 Jul 08 (Mon)	07:34 67	14:12 86N	20:47 290
2024 Jul 09 (Tue)	08:26 72	14:58 90S	21:25 285
2024 Jul 10 (Wed)	09:16 78	15:40 85S	22:00 279
2024 Jul 11 (Thu)	10:03 84	16:20 79S	22:33 273
2024 Jul 12 (Fri)	10:49 90	16:59 73S	23:05 267
2024 Jul 13 (Sat)	11:35 96	17:38 68S	23:37 261
2024 Jul 14 (Sun)	12:21 101	18:18 62S	
2024 Jul 15 (Mon)	13:10 107	19:01 57S	00:12 256
2024 Jul 16 (Tue)	14:02 112	19:48 52S	00:49 251
2024 Jul 17 (Wed)	14:58 116	20:39 49S	01:31 246
2024 Jul 18 (Thu)	15:56 119	21:35 46S	02:18 243
2024 Jul 19 (Fri)	16:57 120	22:34 46S	03:12 241
2024 Jul 20 (Sat)	17:56 119	23:35 47S	04:12 240
2024 Jul 21 (Sun)	18:52 116		05:15 242
2024 Jul 22 (Mon)	19:44 111	00:35 50S	06:20 246
2024 Jul 23 (Tue)	20:30 105	01:32 55S	07:23 252
2024 Jul 24 (Wed)	21:14 98	02:25 61S	08:24 258
2024 Jul 25 (Thu)	21:54 91	03:16 68S	09:23 265
2024 Jul 26 (Fri)	22:34 83	04:05 76S	10:20 273
2024 Jul 27 (Sat)	23:16 77	04:53 83S	11:17 280
2024 Jul 28 (Sun)	23:59 71	05:43 89S	12:15 287
2024 Jul 29 (Mon)		06:35 87N	13:14 292
2024 Jul 30 (Tue)	00:46 66	07:29 82N	14:15 296
2024 Jul 31 (Wed)	01:38 62	08:26 79N	15:16 299
2024 Aug 01 (Thu)	02:33 60	09:24 78N	16:15 300
2024 Aug 02 (Fri)	03:31 61	10:21 79N	17:10 299
2024 Aug 03 (Sat)	04:29 63	11:15 81N	17:59 296
2024 Aug 04 (Sun)	05:25 66	12:06 85N	18:44 292
2024 Aug 05 (Mon)	06:19 70	12:53 89N	19:23 287
2024 Aug 06 (Tue)	07:09 76	13:36 87S	19:59 281
2024 Aug 07 (Wed)	07:57 81	14:17 81S	20:32 276
2024 Aug 08 (Thu)	08:44 87	14:56 75S	21:05 270
2024 Aug 09 (Fri)	09:29 94	15:35 70S	21:37 264
2024 Aug 10 (Sat)	10:15 99	16:14 64S	22:10 258
2024 Aug 11 (Sun)	11:03 105	16:55 59S	22:45 252
2024 Aug 12 (Mon)	11:52 110	17:40 54S	23:24 248
2024 Aug 13 (Tue)	12:46 115	18:28 50S	
2024 Aug 14 (Wed)	13:42 118	19:21 47S	00:08 244
2024 Aug 15 (Thu)	14:41 120	20:17 46S	00:58 241
2024 Aug 16 (Fri)	15:40 120	21:17 46S	01:54 240
2024 Aug 17 (Sat)	16:37 118	22:17 48S	02:56 241
2024 Aug 18 (Sun)	17:31 114	23:16 53S	04:00 244
2024 Aug 19 (Mon)	18:21 108		05:04 249
2024 Aug 20 (Tue)	19:06 101	00:12 58S	06:08 255
2024 Aug 21 (Wed)	19:49 94	01:05 65S	07:09 262
2024 Aug 22 (Thu)	20:30 86	01:56 73S	08:08 270
2024 Aug 23 (Fri)	21:12 79	02:47 80S	09:07 278

2024 Aug 24 (Sat)	21:56	72	03:37	87S	10:07	285
2024 Aug 25 (Sun)	22:43	67	04:30	88N	11:07	291
2024 Aug 26 (Mon)	23:34	63	05:24	83N	12:09	296
2024 Aug 27 (Tue)			06:21	80N	13:10	299
2024 Aug 28 (Wed)	00:28	61	07:19	78N	14:10	300
2024 Aug 29 (Thu)	01:25	60	08:16	78N	15:06	299
2024 Aug 30 (Fri)	02:23	62	09:11	80N	15:57	297
2024 Aug 31 (Sat)	03:19	65	10:02	83N	16:42	293
2024 Sep 01 (Sun)	04:13	69	10:50	87N	17:23	289
2024 Sep 02 (Mon)	05:05	74	11:34	89S	17:59	283
2024 Sep 03 (Tue)	05:53	79	12:15	83S	18:33	278
2024 Sep 04 (Wed)	06:40	85	12:54	78S	19:06	272
2024 Sep 05 (Thu)	07:25	91	13:33	72S	19:37	266
2024 Sep 06 (Fri)	08:11	97	14:12	66S	20:10	260
2024 Sep 07 (Sat)	08:58	103	14:53	60S	20:44	254
2024 Sep 08 (Sun)	09:46	109	15:35	55S	21:21	249
2024 Sep 09 (Mon)	10:38	113	16:21	51S	22:03	245
2024 Sep 10 (Tue)	11:32	117	17:11	48S	22:49	242
2024 Sep 11 (Wed)	12:28	119	18:05	46S	23:41	240
2024 Sep 12 (Thu)	13:26	120	19:02	45S		
2024 Sep 13 (Fri)	14:23	119	20:01	47S	00:39	240
2024 Sep 14 (Sat)	15:17	116	20:59	50S	01:40	242
2024 Sep 15 (Sun)	16:08	111	21:55	55S	02:44	246
2024 Sep 16 (Mon)	16:54	105	22:50	61S	03:47	252
2024 Sep 17 (Tue)	17:39	98	23:42	69S	04:49	258
2024 Sep 18 (Wed)	18:21	90			05:50	266
2024 Sep 19 (Thu)	19:04	82	00:33	76S	06:50	274
2024 Sep 20 (Fri)	19:48	75	01:25	84S	07:51	282
2024 Sep 21 (Sat)	20:35	69	02:19	91N	08:53	288
2024 Sep 22 (Sun)	21:26	64	03:14	85N	09:57	294
2024 Sep 23 (Mon)	22:21	61	04:12	81N	11:01	298
2024 Sep 24 (Tue)	23:19	60	05:12	78N	12:03	300
2024 Sep 25 (Wed)			06:11	78N	13:01	300
2024 Sep 26 (Thu)	00:17	61	07:07	79N	13:54	298
2024 Sep 27 (Fri)	01:15	63	08:00	82N	14:41	295
2024 Sep 28 (Sat)	02:10	67	08:48	86N	15:23	290
2024 Sep 29 (Sun)	03:01	72	09:33	91S	16:01	285
2024 Sep 30 (Mon)	03:50	78	10:14	85S	16:35	280
2024 Oct 01 (Tue)	04:37	83	10:54	79S	17:08	274
2024 Oct 02 (Wed)	05:23	89	11:33	74S	17:39	268
2024 Oct 03 (Thu)	06:09	96	12:12	68S	18:12	262
2024 Oct 04 (Fri)	06:55	101	12:52	62S	18:45	256
2024 Oct 05 (Sat)	07:43	107	13:34	57S	19:21	251
2024 Oct 06 (Sun)	08:33	112	14:18	52S	20:01	246
2024 Oct 07 (Mon)	09:26	116	15:07	49S	20:45	243
2024 Oct 08 (Tue)	10:21	119	15:58	46S	21:35	241
2024 Oct 09 (Wed)	11:17	120	16:53	45S	22:29	240
2024 Oct 10 (Thu)	12:13	120	17:50	46S	23:28	241
2024 Oct 11 (Fri)	13:07	117	18:46	49S		
2024 Oct 12 (Sat)	13:57	114	19:42	53S	00:28	244
2024 Oct 13 (Sun)	14:44	108	20:35	58S	01:29	249
2024 Oct 14 (Mon)	15:28	102	21:27	65S	02:30	255
2024 Oct 15 (Tue)	16:10	94	22:17	72S	03:29	262
2024 Oct 16 (Wed)	16:52	86	23:09	80S	04:29	270
2024 Oct 17 (Thu)	17:36	79			05:30	278
2024 Oct 18 (Fri)	18:22	72	00:02	87S	06:32	285
2024 Oct 19 (Sat)	19:13	66	00:57	88N	07:37	291
2024 Oct 20 (Sun)	20:08	62	01:56	82N	08:43	296
2024 Oct 21 (Mon)	21:07	60	02:57	79N	09:48	299
2024 Oct 22 (Tue)	22:07	60	03:59	78N	10:51	300
2024 Oct 23 (Wed)	23:07	62	04:58	79N	11:48	299
2024 Oct 24 (Thu)			05:54	81N	12:38	296
2024 Oct 25 (Fri)	00:04	66	06:45	85N	13:22	292
2024 Oct 26 (Sat)	00:57	70	07:31	89N	14:01	287
2024 Oct 27 (Sun)	01:47	76	08:14	87S	14:36	281
2024 Oct 28 (Mon)	02:34	81	08:54	81S	15:09	276
2024 Oct 29 (Tue)	03:20	87	09:33	75S	15:41	270

2024	Oct	30	(Wed)	04:06	94	10:11	70S	16:13	264
2024	Oct	31	(Thu)	04:52	99	10:51	64S	16:46	258
2024	Nov	01	(Fri)	05:39	105	11:32	58S	17:22	252
2024	Nov	02	(Sat)	06:29	110	12:16	54S	18:01	248
2024	Nov	03	(Sun)	07:22	115	13:04	50S	18:44	244
2024	Nov	04	(Mon)	08:16	118	13:55	47S	19:32	241
2024	Nov	05	(Tue)	09:12	120	14:49	46S	20:25	240
2024	Nov	06	(Wed)	10:08	120	15:44	46S	21:21	241
2024	Nov	07	(Thu)	11:02	118	16:40	48S	22:20	243
2024	Nov	08	(Fri)	11:52	115	17:34	51S	23:20	247
2024	Nov	09	(Sat)	12:38	110	18:27	56S		
2024	Nov	10	(Sun)	13:22	104	19:17	62S	00:18	252
2024	Nov	11	(Mon)	14:03	98	20:06	69S	01:16	259
2024	Nov	12	(Tue)	14:43	90	20:55	76S	02:13	266
2024	Nov	13	(Wed)	15:25	83	21:45	84S	03:11	274
2024	Nov	14	(Thu)	16:09	75	22:39	90S	04:11	281
2024	Nov	15	(Fri)	16:57	69	23:36	85N	05:13	288
2024	Nov	16	(Sat)	17:50	64			06:19	294
2024	Nov	17	(Sun)	18:48	61	00:37	81N	07:26	298
2024	Nov	18	(Mon)	19:50	60	01:40	78N	08:32	300
2024	Nov	19	(Tue)	20:52	61	02:42	78N	09:33	299
2024	Nov	20	(Wed)	21:52	64	03:41	80N	10:28	297
2024	Nov	21	(Thu)	22:48	69	04:36	83N	11:16	293
2024	Nov	22	(Fri)	23:41	74	05:25	87N	11:58	289
2024	Nov	23	(Sat)			06:10	89S	12:36	283
2024	Nov	24	(Sun)	00:30	79	06:51	83S	13:10	278
2024	Nov	25	(Mon)	01:16	85	07:31	77S	13:42	272
2024	Nov	26	(Tue)	02:02	91	08:10	72S	14:14	266
2024	Nov	27	(Wed)	02:48	97	08:49	66S	14:46	260
2024	Nov	28	(Thu)	03:35	103	09:29	60S	15:21	254
2024	Nov	29	(Fri)	04:24	109	10:13	55S	15:59	249
2024	Nov	30	(Sat)	05:15	113	10:59	51S	16:41	245
2024	Dec	01	(Sun)	06:10	117	11:50	48S	17:28	242
2024	Dec	02	(Mon)	07:06	119	12:43	46S	18:20	240
2024	Dec	03	(Tue)	08:03	120	13:39	46S	19:16	241
2024	Dec	04	(Wed)	08:58	119	14:36	47S	20:15	242
2024	Dec	05	(Thu)	09:49	116	15:31	50S	21:15	246
2024	Dec	06	(Fri)	10:37	112	16:23	55S	22:13	251
2024	Dec	07	(Sat)	11:20	106	17:13	60S	23:10	257
2024	Dec	08	(Sun)	12:01	100	18:01	67S		
2024	Dec	09	(Mon)	12:40	93	18:49	74S	00:05	264
2024	Dec	10	(Tue)	13:20	85	19:37	81S	01:01	271
2024	Dec	11	(Wed)	14:01	78	20:27	88S	01:58	278
2024	Dec	12	(Thu)	14:45	72	21:20	88N	02:57	285
2024	Dec	13	(Fri)	15:35	66	22:18	83N	03:59	291
2024	Dec	14	(Sat)	16:30	62	23:19	79N	05:04	296
2024	Dec	15	(Sun)	17:30	61			06:10	299
2024	Dec	16	(Mon)	18:33	61	00:22	78N	07:14	300
2024	Dec	17	(Tue)	19:35	63	01:24	79N	08:13	298
2024	Dec	18	(Wed)	20:34	67	02:22	81N	09:06	295
2024	Dec	19	(Thu)	21:30	72	03:15	85N	09:51	291
2024	Dec	20	(Fri)	22:21	77	04:02	90N	10:31	285
2024	Dec	21	(Sat)	23:09	83	04:46	85S	11:07	280
2024	Dec	22	(Sun)	23:56	89	05:27	80S	11:40	274
2024	Dec	23	(Mon)			06:06	74S	12:13	268
2024	Dec	24	(Tue)	00:42	95	06:45	68S	12:45	262
2024	Dec	25	(Wed)	01:28	101	07:25	62S	13:19	256
2024	Dec	26	(Thu)	02:16	107	08:07	57S	13:55	251
2024	Dec	27	(Fri)	03:06	112	08:52	53S	14:35	246
2024	Dec	28	(Sat)	04:00	116	09:41	49S	15:20	243
2024	Dec	29	(Sun)	04:56	118	10:34	46S	16:11	241
2024	Dec	30	(Mon)	05:53	120	11:30	46S	17:07	240
2024	Dec	31	(Tue)	06:50	119	12:27	46S	18:06	242