

Sun

Si Sa Ket

Location: E104°40'12.0", N14°34'55.2", 0m
(Longitude referred to Greenwich meridian)

Time Zone: 7h 00m east of Greenwich

Date (Zone)			Begin Nautical Twilight	Rise	Az.	Transit Alt.	Set	Az.	End Nautical Twilight
			h m	h m	°	h m °	h m °		h m
2025	Jan	01 (Wed)	05:37	06:26	114	12:05 53S	17:43 246		18:33
2025	Jan	02 (Thu)	05:37	06:27	113	12:05 53S	17:44 247		18:34
2025	Jan	03 (Fri)	05:37	06:27	113	12:06 53S	17:45 247		18:34
2025	Jan	04 (Sat)	05:38	06:27	113	12:06 53S	17:45 247		18:35
2025	Jan	05 (Sun)	05:38	06:28	113	12:07 54S	17:46 247		18:35
2025	Jan	06 (Mon)	05:38	06:28	113	12:07 54S	17:46 247		18:36
2025	Jan	07 (Tue)	05:39	06:28	113	12:08 54S	17:47 247		18:37
2025	Jan	08 (Wed)	05:39	06:29	113	12:08 54S	17:48 247		18:37
2025	Jan	09 (Thu)	05:39	06:29	113	12:08 54S	17:48 247		18:38
2025	Jan	10 (Fri)	05:40	06:29	112	12:09 54S	17:49 248		18:38
2025	Jan	11 (Sat)	05:40	06:29	112	12:09 54S	17:49 248		18:39
2025	Jan	12 (Sun)	05:40	06:29	112	12:10 55S	17:50 248		18:39
2025	Jan	13 (Mon)	05:40	06:30	112	12:10 55S	17:50 248		18:40
2025	Jan	14 (Tue)	05:41	06:30	112	12:10 55S	17:51 248		18:40
2025	Jan	15 (Wed)	05:41	06:30	112	12:11 55S	17:52 248		18:41
2025	Jan	16 (Thu)	05:41	06:30	111	12:11 55S	17:52 249		18:41
2025	Jan	17 (Fri)	05:41	06:30	111	12:11 55S	17:53 249		18:42
2025	Jan	18 (Sat)	05:41	06:30	111	12:12 56S	17:53 249		18:42
2025	Jan	19 (Sun)	05:41	06:30	111	12:12 56S	17:54 249		18:43
2025	Jan	20 (Mon)	05:42	06:30	111	12:12 56S	17:54 250		18:43
2025	Jan	21 (Tue)	05:42	06:30	110	12:13 56S	17:55 250		18:44
2025	Jan	22 (Wed)	05:42	06:30	110	12:13 57S	17:55 250		18:44
2025	Jan	23 (Thu)	05:42	06:30	110	12:13 57S	17:56 250		18:45
2025	Jan	24 (Fri)	05:42	06:30	110	12:13 57S	17:56 250		18:45
2025	Jan	25 (Sat)	05:42	06:30	109	12:14 57S	17:57 251		18:45
2025	Jan	26 (Sun)	05:42	06:30	109	12:14 57S	17:57 251		18:46
2025	Jan	27 (Mon)	05:42	06:30	109	12:14 58S	17:58 251		18:46
2025	Jan	28 (Tue)	05:42	06:30	109	12:14 58S	17:58 252		18:47
2025	Jan	29 (Wed)	05:42	06:30	108	12:14 58S	17:59 252		18:47
2025	Jan	30 (Thu)	05:42	06:30	108	12:15 59S	17:59 252		18:48
2025	Jan	31 (Fri)	05:42	06:30	108	12:15 59S	18:00 252		18:48
2025	Feb	01 (Sat)	05:42	06:30	107	12:15 59S	18:00 253		18:48
2025	Feb	02 (Sun)	05:41	06:29	107	12:15 59S	18:01 253		18:49
2025	Feb	03 (Mon)	05:41	06:29	107	12:15 60S	18:01 253		18:49
2025	Feb	04 (Tue)	05:41	06:29	107	12:15 60S	18:02 254		18:49
2025	Feb	05 (Wed)	05:41	06:29	106	12:15 60S	18:02 254		18:50
2025	Feb	06 (Thu)	05:41	06:28	106	12:15 61S	18:02 254		18:50
2025	Feb	07 (Fri)	05:41	06:28	106	12:15 61S	18:03 255		18:50
2025	Feb	08 (Sat)	05:40	06:28	105	12:15 61S	18:03 255		18:51
2025	Feb	09 (Sun)	05:40	06:28	105	12:15 62S	18:04 255		18:51
2025	Feb	10 (Mon)	05:40	06:27	105	12:16 62S	18:04 256		18:51
2025	Feb	11 (Tue)	05:40	06:27	104	12:16 62S	18:04 256		18:52
2025	Feb	12 (Wed)	05:39	06:26	104	12:16 63S	18:05 256		18:52
2025	Feb	13 (Thu)	05:39	06:26	104	12:15 63S	18:05 257		18:52
2025	Feb	14 (Fri)	05:39	06:26	103	12:15 63S	18:05 257		18:53
2025	Feb	15 (Sat)	05:38	06:25	103	12:15 64S	18:06 257		18:53
2025	Feb	16 (Sun)	05:38	06:25	103	12:15 64S	18:06 258		18:53
2025	Feb	17 (Mon)	05:37	06:24	102	12:15 64S	18:06 258		18:53
2025	Feb	18 (Tue)	05:37	06:24	102	12:15 65S	18:07 258		18:54
2025	Feb	19 (Wed)	05:37	06:24	101	12:15 65S	18:07 259		18:54
2025	Feb	20 (Thu)	05:36	06:23	101	12:15 65S	18:07 259		18:54
2025	Feb	21 (Fri)	05:36	06:23	101	12:15 66S	18:07 259		18:54
2025	Feb	22 (Sat)	05:35	06:22	100	12:15 66S	18:08 260		18:54
2025	Feb	23 (Sun)	05:35	06:22	100	12:15 66S	18:08 260		18:55
2025	Feb	24 (Mon)	05:34	06:21	100	12:14 67S	18:08 261		18:55
2025	Feb	25 (Tue)	05:34	06:20	99	12:14 67S	18:08 261		18:55
2025	Feb	26 (Wed)	05:33	06:20	99	12:14 68S	18:09 261		18:55
2025	Feb	27 (Thu)	05:33	06:19	98	12:14 68S	18:09 262		18:55
2025	Feb	28 (Fri)	05:32	06:19	98	12:14 68S	18:09 262		18:56
2025	Mar	01 (Sat)	05:32	06:18	98	12:14 69S	18:09 263		18:56

2025	Mar	02	(Sun)	05:31	06:18	97	12:13	69S	18:10	263	18:56
2025	Mar	03	(Mon)	05:31	06:17	97	12:13	69S	18:10	263	18:56
2025	Mar	04	(Tue)	05:30	06:16	96	12:13	70S	18:10	264	18:56
2025	Mar	05	(Wed)	05:29	06:16	96	12:13	70S	18:10	264	18:56
2025	Mar	06	(Thu)	05:29	06:15	96	12:13	71S	18:10	265	18:57
2025	Mar	07	(Fri)	05:28	06:14	95	12:12	71S	18:10	265	18:57
2025	Mar	08	(Sat)	05:28	06:14	95	12:12	71S	18:11	265	18:57
2025	Mar	09	(Sun)	05:27	06:13	94	12:12	72S	18:11	266	18:57
2025	Mar	10	(Mon)	05:26	06:12	94	12:12	72S	18:11	266	18:57
2025	Mar	11	(Tue)	05:26	06:12	94	12:11	73S	18:11	267	18:57
2025	Mar	12	(Wed)	05:25	06:11	93	12:11	73S	18:11	267	18:57
2025	Mar	13	(Thu)	05:24	06:10	93	12:11	73S	18:11	267	18:57
2025	Mar	14	(Fri)	05:24	06:10	92	12:11	74S	18:11	268	18:58
2025	Mar	15	(Sat)	05:23	06:09	92	12:10	74S	18:12	268	18:58
2025	Mar	16	(Sun)	05:22	06:08	92	12:10	74S	18:12	269	18:58
2025	Mar	17	(Mon)	05:22	06:08	91	12:10	75S	18:12	269	18:58
2025	Mar	18	(Tue)	05:21	06:07	91	12:09	75S	18:12	269	18:58
2025	Mar	19	(Wed)	05:20	06:06	90	12:09	76S	18:12	270	18:58
2025	Mar	20	(Thu)	05:19	06:06	90	12:09	76S	18:12	270	18:58
2025	Mar	21	(Fri)	05:19	06:05	90	12:08	76S	18:12	271	18:58
2025	Mar	22	(Sat)	05:18	06:04	89	12:08	77S	18:12	271	18:59
2025	Mar	23	(Sun)	05:17	06:03	89	12:08	77S	18:13	271	18:59
2025	Mar	24	(Mon)	05:17	06:03	88	12:08	78S	18:13	272	18:59
2025	Mar	25	(Tue)	05:16	06:02	88	12:07	78S	18:13	272	18:59
2025	Mar	26	(Wed)	05:15	06:01	88	12:07	78S	18:13	273	18:59
2025	Mar	27	(Thu)	05:14	06:01	87	12:07	79S	18:13	273	18:59
2025	Mar	28	(Fri)	05:14	06:00	87	12:06	79S	18:13	274	18:59
2025	Mar	29	(Sat)	05:13	05:59	86	12:06	80S	18:13	274	19:00
2025	Mar	30	(Sun)	05:12	05:58	86	12:06	80S	18:13	274	19:00
2025	Mar	31	(Mon)	05:11	05:58	85	12:05	80S	18:13	275	19:00
2025	Apr	01	(Tue)	05:11	05:57	85	12:05	81S	18:13	275	19:00
2025	Apr	02	(Wed)	05:10	05:56	85	12:05	81S	18:14	276	19:00
2025	Apr	03	(Thu)	05:09	05:56	84	12:05	82S	18:14	276	19:00
2025	Apr	04	(Fri)	05:08	05:55	84	12:04	82S	18:14	276	19:00
2025	Apr	05	(Sat)	05:08	05:54	84	12:04	82S	18:14	277	19:01
2025	Apr	06	(Sun)	05:07	05:54	83	12:04	83S	18:14	277	19:01
2025	Apr	07	(Mon)	05:06	05:53	83	12:03	83S	18:14	277	19:01
2025	Apr	08	(Tue)	05:06	05:52	82	12:03	83S	18:14	278	19:01
2025	Apr	09	(Wed)	05:05	05:52	82	12:03	84S	18:14	278	19:01
2025	Apr	10	(Thu)	05:04	05:51	82	12:03	84S	18:15	279	19:01
2025	Apr	11	(Fri)	05:03	05:50	81	12:02	85S	18:15	279	19:02
2025	Apr	12	(Sat)	05:03	05:50	81	12:02	85S	18:15	279	19:02
2025	Apr	13	(Sun)	05:02	05:49	80	12:02	85S	18:15	280	19:02
2025	Apr	14	(Mon)	05:01	05:48	80	12:02	86S	18:15	280	19:02
2025	Apr	15	(Tue)	05:01	05:48	80	12:01	86S	18:15	281	19:02
2025	Apr	16	(Wed)	05:00	05:47	79	12:01	86S	18:15	281	19:03
2025	Apr	17	(Thu)	04:59	05:46	79	12:01	87S	18:16	281	19:03
2025	Apr	18	(Fri)	04:58	05:46	79	12:01	87S	18:16	282	19:03
2025	Apr	19	(Sat)	04:58	05:45	78	12:00	87S	18:16	282	19:03
2025	Apr	20	(Sun)	04:57	05:45	78	12:00	88S	18:16	282	19:04
2025	Apr	21	(Mon)	04:56	05:44	78	12:00	88S	18:16	283	19:04
2025	Apr	22	(Tue)	04:56	05:43	77	12:00	88S	18:16	283	19:04
2025	Apr	23	(Wed)	04:55	05:43	77	12:00	89S	18:17	283	19:04
2025	Apr	24	(Thu)	04:55	05:42	76	11:59	89S	18:17	284	19:05
2025	Apr	25	(Fri)	04:54	05:42	76	11:59	89S	18:17	284	19:05
2025	Apr	26	(Sat)	04:53	05:41	76	11:59	90S	18:17	284	19:05
2025	Apr	27	(Sun)	04:53	05:41	75	11:59	90S	18:17	285	19:05
2025	Apr	28	(Mon)	04:52	05:40	75	11:59	90S	18:18	285	19:06
2025	Apr	29	(Tue)	04:52	05:40	75	11:59	91S	18:18	285	19:06
2025	Apr	30	(Wed)	04:51	05:39	75	11:59	90N	18:18	286	19:06
2025	May	01	(Thu)	04:50	05:39	74	11:58	90N	18:18	286	19:07
2025	May	02	(Fri)	04:50	05:38	74	11:58	90N	18:18	286	19:07
2025	May	03	(Sat)	04:49	05:38	74	11:58	90N	18:19	287	19:07
2025	May	04	(Sun)	04:49	05:37	73	11:58	89N	18:19	287	19:08
2025	May	05	(Mon)	04:48	05:37	73	11:58	89N	18:19	287	19:08
2025	May	06	(Tue)	04:48	05:37	73	11:58	89N	18:19	287	19:08
2025	May	07	(Wed)	04:47	05:36	72	11:58	88N	18:20	288	19:09
2025	May	08	(Thu)	04:47	05:36	72	11:58	88N	18:20	288	19:09
2025	May	09	(Fri)	04:46	05:36	72	11:58	88N	18:20	288	19:09
2025	May	10	(Sat)	04:46	05:35	72	11:58	88N	18:20	289	19:10
2025	May	11	(Sun)	04:46	05:35	71	11:58	87N	18:21	289	19:10
2025	May	12	(Mon)	04:45	05:35	71	11:58	87N	18:21	289	19:10

2025	May	13	(Tue)	04:45	05:34	71	11:58	87N	18:21	289	19:11
2025	May	14	(Wed)	04:44	05:34	71	11:58	87N	18:22	290	19:11
2025	May	15	(Thu)	04:44	05:34	70	11:58	86N	18:22	290	19:12
2025	May	16	(Fri)	04:44	05:33	70	11:58	86N	18:22	290	19:12
2025	May	17	(Sat)	04:43	05:33	70	11:58	86N	18:22	290	19:12
2025	May	18	(Sun)	04:43	05:33	70	11:58	86N	18:23	291	19:13
2025	May	19	(Mon)	04:43	05:33	69	11:58	85N	18:23	291	19:13
2025	May	20	(Tue)	04:42	05:32	69	11:58	85N	18:23	291	19:13
2025	May	21	(Wed)	04:42	05:32	69	11:58	85N	18:24	291	19:14
2025	May	22	(Thu)	04:42	05:32	69	11:58	85N	18:24	291	19:14
2025	May	23	(Fri)	04:42	05:32	68	11:58	85N	18:24	292	19:15
2025	May	24	(Sat)	04:41	05:32	68	11:58	84N	18:25	292	19:15
2025	May	25	(Sun)	04:41	05:32	68	11:58	84N	18:25	292	19:15
2025	May	26	(Mon)	04:41	05:32	68	11:58	84N	18:25	292	19:16
2025	May	27	(Tue)	04:41	05:31	68	11:58	84N	18:26	292	19:16
2025	May	28	(Wed)	04:41	05:31	68	11:59	84N	18:26	293	19:17
2025	May	29	(Thu)	04:41	05:31	67	11:59	84N	18:26	293	19:17
2025	May	30	(Fri)	04:41	05:31	67	11:59	83N	18:27	293	19:17
2025	May	31	(Sat)	04:40	05:31	67	11:59	83N	18:27	293	19:18
2025	Jun	01	(Sun)	04:40	05:31	67	11:59	83N	18:27	293	19:18
2025	Jun	02	(Mon)	04:40	05:31	67	11:59	83N	18:28	293	19:19
2025	Jun	03	(Tue)	04:40	05:31	67	11:59	83N	18:28	293	19:19
2025	Jun	04	(Wed)	04:40	05:31	67	12:00	83N	18:28	294	19:19
2025	Jun	05	(Thu)	04:40	05:31	66	12:00	83N	18:28	294	19:20
2025	Jun	06	(Fri)	04:40	05:31	66	12:00	83N	18:29	294	19:20
2025	Jun	07	(Sat)	04:40	05:31	66	12:00	83N	18:29	294	19:20
2025	Jun	08	(Sun)	04:40	05:31	66	12:00	82N	18:29	294	19:21
2025	Jun	09	(Mon)	04:40	05:32	66	12:01	82N	18:30	294	19:21
2025	Jun	10	(Tue)	04:40	05:32	66	12:01	82N	18:30	294	19:21
2025	Jun	11	(Wed)	04:40	05:32	66	12:01	82N	18:30	294	19:22
2025	Jun	12	(Thu)	04:40	05:32	66	12:01	82N	18:31	294	19:22
2025	Jun	13	(Fri)	04:41	05:32	66	12:01	82N	18:31	294	19:22
2025	Jun	14	(Sat)	04:41	05:32	66	12:02	82N	18:31	294	19:23
2025	Jun	15	(Sun)	04:41	05:32	66	12:02	82N	18:31	294	19:23
2025	Jun	16	(Mon)	04:41	05:32	66	12:02	82N	18:32	294	19:23
2025	Jun	17	(Tue)	04:41	05:33	66	12:02	82N	18:32	294	19:23
2025	Jun	18	(Wed)	04:41	05:33	66	12:02	82N	18:32	294	19:24
2025	Jun	19	(Thu)	04:41	05:33	66	12:03	82N	18:32	294	19:24
2025	Jun	20	(Fri)	04:42	05:33	65	12:03	82N	18:33	295	19:24
2025	Jun	21	(Sat)	04:42	05:33	65	12:03	82N	18:33	295	19:24
2025	Jun	22	(Sun)	04:42	05:34	65	12:03	82N	18:33	294	19:25
2025	Jun	23	(Mon)	04:42	05:34	66	12:04	82N	18:33	294	19:25
2025	Jun	24	(Tue)	04:43	05:34	66	12:04	82N	18:33	294	19:25
2025	Jun	25	(Wed)	04:43	05:34	66	12:04	82N	18:34	294	19:25
2025	Jun	26	(Thu)	04:43	05:35	66	12:04	82N	18:34	294	19:25
2025	Jun	27	(Fri)	04:43	05:35	66	12:04	82N	18:34	294	19:25
2025	Jun	28	(Sat)	04:44	05:35	66	12:05	82N	18:34	294	19:26
2025	Jun	29	(Sun)	04:44	05:35	66	12:05	82N	18:34	294	19:26
2025	Jun	30	(Mon)	04:44	05:36	66	12:05	82N	18:34	294	19:26
2025	Jul	01	(Tue)	04:45	05:36	66	12:05	82N	18:34	294	19:26
2025	Jul	02	(Wed)	04:45	05:36	66	12:05	82N	18:35	294	19:26
2025	Jul	03	(Thu)	04:45	05:37	66	12:06	82N	18:35	294	19:26
2025	Jul	04	(Fri)	04:46	05:37	66	12:06	82N	18:35	294	19:26
2025	Jul	05	(Sat)	04:46	05:37	66	12:06	83N	18:35	294	19:26
2025	Jul	06	(Sun)	04:46	05:37	66	12:06	83N	18:35	294	19:26
2025	Jul	07	(Mon)	04:47	05:38	66	12:06	83N	18:35	294	19:26
2025	Jul	08	(Tue)	04:47	05:38	66	12:06	83N	18:35	293	19:26
2025	Jul	09	(Wed)	04:47	05:38	67	12:07	83N	18:35	293	19:26
2025	Jul	10	(Thu)	04:48	05:39	67	12:07	83N	18:35	293	19:26
2025	Jul	11	(Fri)	04:48	05:39	67	12:07	83N	18:35	293	19:26
2025	Jul	12	(Sat)	04:48	05:39	67	12:07	83N	18:35	293	19:26
2025	Jul	13	(Sun)	04:49	05:39	67	12:07	84N	18:35	293	19:25
2025	Jul	14	(Mon)	04:49	05:40	67	12:07	84N	18:35	293	19:25
2025	Jul	15	(Tue)	04:49	05:40	67	12:07	84N	18:35	292	19:25
2025	Jul	16	(Wed)	04:50	05:40	68	12:07	84N	18:34	292	19:25
2025	Jul	17	(Thu)	04:50	05:41	68	12:08	84N	18:34	292	19:25
2025	Jul	18	(Fri)	04:50	05:41	68	12:08	84N	18:34	292	19:25
2025	Jul	19	(Sat)	04:51	05:41	68	12:08	84N	18:34	292	19:24
2025	Jul	20	(Sun)	04:51	05:42	68	12:08	85N	18:34	292	19:24
2025	Jul	21	(Mon)	04:52	05:42	69	12:08	85N	18:34	291	19:24
2025	Jul	22	(Tue)	04:52	05:42	69	12:08	85N	18:33	291	19:24
2025	Jul	23	(Wed)	04:52	05:42	69	12:08	85N	18:33	291	19:23

2025	Jul	24	(Thu)	04:53	05:43	69	12:08	85N	18:33	291	19:23
2025	Jul	25	(Fri)	04:53	05:43	69	12:08	86N	18:33	290	19:23
2025	Jul	26	(Sat)	04:53	05:43	70	12:08	86N	18:32	290	19:22
2025	Jul	27	(Sun)	04:54	05:43	70	12:08	86N	18:32	290	19:22
2025	Jul	28	(Mon)	04:54	05:44	70	12:08	86N	18:32	290	19:21
2025	Jul	29	(Tue)	04:54	05:44	70	12:08	87N	18:32	289	19:21
2025	Jul	30	(Wed)	04:55	05:44	71	12:08	87N	18:31	289	19:21
2025	Jul	31	(Thu)	04:55	05:44	71	12:08	87N	18:31	289	19:20
2025	Aug	01	(Fri)	04:55	05:45	71	12:08	87N	18:31	289	19:20
2025	Aug	02	(Sat)	04:56	05:45	71	12:08	88N	18:30	288	19:19
2025	Aug	03	(Sun)	04:56	05:45	72	12:08	88N	18:30	288	19:19
2025	Aug	04	(Mon)	04:56	05:45	72	12:07	88N	18:29	288	19:18
2025	Aug	05	(Tue)	04:57	05:46	72	12:07	88N	18:29	288	19:18
2025	Aug	06	(Wed)	04:57	05:46	73	12:07	89N	18:29	287	19:17
2025	Aug	07	(Thu)	04:57	05:46	73	12:07	89N	18:28	287	19:17
2025	Aug	08	(Fri)	04:57	05:46	73	12:07	89N	18:28	287	19:16
2025	Aug	09	(Sat)	04:58	05:46	73	12:07	90N	18:27	286	19:16
2025	Aug	10	(Sun)	04:58	05:47	74	12:07	90N	18:27	286	19:15
2025	Aug	11	(Mon)	04:58	05:47	74	12:07	90N	18:26	286	19:15
2025	Aug	12	(Tue)	04:59	05:47	74	12:06	90N	18:26	286	19:14
2025	Aug	13	(Wed)	04:59	05:47	75	12:06	91N	18:25	285	19:13
2025	Aug	14	(Thu)	04:59	05:47	75	12:06	90S	18:25	285	19:13
2025	Aug	15	(Fri)	04:59	05:47	75	12:06	90S	18:24	285	19:12
2025	Aug	16	(Sat)	05:00	05:48	76	12:06	90S	18:23	284	19:11
2025	Aug	17	(Sun)	05:00	05:48	76	12:05	89S	18:23	284	19:11
2025	Aug	18	(Mon)	05:00	05:48	76	12:05	89S	18:22	284	19:10
2025	Aug	19	(Tue)	05:00	05:48	77	12:05	89S	18:22	283	19:10
2025	Aug	20	(Wed)	05:00	05:48	77	12:05	88S	18:21	283	19:09
2025	Aug	21	(Thu)	05:01	05:48	77	12:04	88S	18:21	283	19:08
2025	Aug	22	(Fri)	05:01	05:48	78	12:04	88S	18:20	282	19:07
2025	Aug	23	(Sat)	05:01	05:48	78	12:04	87S	18:19	282	19:07
2025	Aug	24	(Sun)	05:01	05:49	78	12:04	87S	18:19	282	19:06
2025	Aug	25	(Mon)	05:01	05:49	79	12:03	87S	18:18	281	19:05
2025	Aug	26	(Tue)	05:01	05:49	79	12:03	86S	18:17	281	19:05
2025	Aug	27	(Wed)	05:02	05:49	79	12:03	86S	18:17	280	19:04
2025	Aug	28	(Thu)	05:02	05:49	80	12:03	86S	18:16	280	19:03
2025	Aug	29	(Fri)	05:02	05:49	80	12:02	85S	18:15	280	19:02
2025	Aug	30	(Sat)	05:02	05:49	80	12:02	85S	18:15	279	19:02
2025	Aug	31	(Sun)	05:02	05:49	81	12:02	85S	18:14	279	19:01
2025	Sep	01	(Mon)	05:02	05:49	81	12:01	84S	18:13	279	19:00
2025	Sep	02	(Tue)	05:02	05:49	82	12:01	84S	18:13	278	18:59
2025	Sep	03	(Wed)	05:03	05:49	82	12:01	84S	18:12	278	18:59
2025	Sep	04	(Thu)	05:03	05:50	82	12:00	83S	18:11	277	18:58
2025	Sep	05	(Fri)	05:03	05:50	83	12:00	83S	18:10	277	18:57
2025	Sep	06	(Sat)	05:03	05:50	83	12:00	82S	18:10	277	18:56
2025	Sep	07	(Sun)	05:03	05:50	84	11:59	82S	18:09	276	18:55
2025	Sep	08	(Mon)	05:03	05:50	84	11:59	82S	18:08	276	18:55
2025	Sep	09	(Tue)	05:03	05:50	84	11:59	81S	18:07	276	18:54
2025	Sep	10	(Wed)	05:03	05:50	85	11:58	81S	18:07	275	18:53
2025	Sep	11	(Thu)	05:03	05:50	85	11:58	81S	18:06	275	18:52
2025	Sep	12	(Fri)	05:03	05:50	85	11:58	80S	18:05	274	18:52
2025	Sep	13	(Sat)	05:04	05:50	86	11:57	80S	18:04	274	18:51
2025	Sep	14	(Sun)	05:04	05:50	86	11:57	79S	18:04	274	18:50
2025	Sep	15	(Mon)	05:04	05:50	87	11:57	79S	18:03	273	18:49
2025	Sep	16	(Tue)	05:04	05:50	87	11:56	79S	18:02	273	18:48
2025	Sep	17	(Wed)	05:04	05:50	87	11:56	78S	18:01	272	18:48
2025	Sep	18	(Thu)	05:04	05:50	88	11:55	78S	18:01	272	18:47
2025	Sep	19	(Fri)	05:04	05:50	88	11:55	78S	18:00	272	18:46
2025	Sep	20	(Sat)	05:04	05:50	89	11:55	77S	17:59	271	18:45
2025	Sep	21	(Sun)	05:04	05:50	89	11:54	77S	17:58	271	18:44
2025	Sep	22	(Mon)	05:04	05:50	89	11:54	76S	17:58	270	18:44
2025	Sep	23	(Tue)	05:04	05:50	90	11:54	76S	17:57	270	18:43
2025	Sep	24	(Wed)	05:04	05:51	90	11:53	76S	17:56	270	18:42
2025	Sep	25	(Thu)	05:04	05:51	91	11:53	75S	17:55	269	18:41
2025	Sep	26	(Fri)	05:04	05:51	91	11:53	75S	17:55	269	18:41
2025	Sep	27	(Sat)	05:05	05:51	91	11:52	74S	17:54	268	18:40
2025	Sep	28	(Sun)	05:05	05:51	92	11:52	74S	17:53	268	18:39
2025	Sep	29	(Mon)	05:05	05:51	92	11:52	74S	17:52	268	18:38
2025	Sep	30	(Tue)	05:05	05:51	93	11:51	73S	17:52	267	18:38
2025	Oct	01	(Wed)	05:05	05:51	93	11:51	73S	17:51	267	18:37
2025	Oct	02	(Thu)	05:05	05:51	93	11:51	72S	17:50	266	18:36
2025	Oct	03	(Fri)	05:05	05:51	94	11:50	72S	17:49	266	18:36

2025	Oct	04	(Sat)	05:05	05:51	94	11:50	72S	17:49	266	18:35
2025	Oct	05	(Sun)	05:05	05:51	95	11:50	71S	17:48	265	18:34
2025	Oct	06	(Mon)	05:05	05:51	95	11:49	71S	17:47	265	18:34
2025	Oct	07	(Tue)	05:05	05:52	95	11:49	71S	17:47	264	18:33
2025	Oct	08	(Wed)	05:05	05:52	96	11:49	70S	17:46	264	18:32
2025	Oct	09	(Thu)	05:05	05:52	96	11:49	70S	17:45	264	18:32
2025	Oct	10	(Fri)	05:06	05:52	97	11:48	69S	17:45	263	18:31
2025	Oct	11	(Sat)	05:06	05:52	97	11:48	69S	17:44	263	18:30
2025	Oct	12	(Sun)	05:06	05:52	97	11:48	69S	17:43	262	18:30
2025	Oct	13	(Mon)	05:06	05:52	98	11:48	68S	17:43	262	18:29
2025	Oct	14	(Tue)	05:06	05:52	98	11:47	68S	17:42	262	18:29
2025	Oct	15	(Wed)	05:06	05:53	99	11:47	68S	17:41	261	18:28
2025	Oct	16	(Thu)	05:06	05:53	99	11:47	67S	17:41	261	18:27
2025	Oct	17	(Fri)	05:06	05:53	99	11:47	67S	17:40	260	18:27
2025	Oct	18	(Sat)	05:07	05:53	100	11:46	66S	17:40	260	18:26
2025	Oct	19	(Sun)	05:07	05:53	100	11:46	66S	17:39	260	18:26
2025	Oct	20	(Mon)	05:07	05:54	100	11:46	66S	17:39	259	18:25
2025	Oct	21	(Tue)	05:07	05:54	101	11:46	65S	17:38	259	18:25
2025	Oct	22	(Wed)	05:07	05:54	101	11:46	65S	17:37	259	18:24
2025	Oct	23	(Thu)	05:07	05:54	102	11:46	65S	17:37	258	18:24
2025	Oct	24	(Fri)	05:08	05:54	102	11:46	64S	17:36	258	18:23
2025	Oct	25	(Sat)	05:08	05:55	102	11:45	64S	17:36	258	18:23
2025	Oct	26	(Sun)	05:08	05:55	103	11:45	64S	17:35	257	18:23
2025	Oct	27	(Mon)	05:08	05:55	103	11:45	63S	17:35	257	18:22
2025	Oct	28	(Tue)	05:08	05:56	103	11:45	63S	17:35	256	18:22
2025	Oct	29	(Wed)	05:09	05:56	104	11:45	63S	17:34	256	18:21
2025	Oct	30	(Thu)	05:09	05:56	104	11:45	62S	17:34	256	18:21
2025	Oct	31	(Fri)	05:09	05:56	104	11:45	62S	17:33	255	18:21
2025	Nov	01	(Sat)	05:09	05:57	105	11:45	62S	17:33	255	18:20
2025	Nov	02	(Sun)	05:10	05:57	105	11:45	61S	17:33	255	18:20
2025	Nov	03	(Mon)	05:10	05:57	105	11:45	61S	17:32	254	18:20
2025	Nov	04	(Tue)	05:10	05:58	106	11:45	61S	17:32	254	18:20
2025	Nov	05	(Wed)	05:10	05:58	106	11:45	60S	17:32	254	18:19
2025	Nov	06	(Thu)	05:11	05:58	106	11:45	60S	17:31	254	18:19
2025	Nov	07	(Fri)	05:11	05:59	107	11:45	60S	17:31	253	18:19
2025	Nov	08	(Sat)	05:11	05:59	107	11:45	59S	17:31	253	18:19
2025	Nov	09	(Sun)	05:12	06:00	107	11:45	59S	17:31	253	18:19
2025	Nov	10	(Mon)	05:12	06:00	108	11:45	59S	17:30	252	18:18
2025	Nov	11	(Tue)	05:12	06:00	108	11:45	59S	17:30	252	18:18
2025	Nov	12	(Wed)	05:13	06:01	108	11:45	58S	17:30	252	18:18
2025	Nov	13	(Thu)	05:13	06:01	108	11:46	58S	17:30	252	18:18
2025	Nov	14	(Fri)	05:13	06:02	109	11:46	58S	17:30	251	18:18
2025	Nov	15	(Sat)	05:14	06:02	109	11:46	58S	17:29	251	18:18
2025	Nov	16	(Sun)	05:14	06:03	109	11:46	57S	17:29	251	18:18
2025	Nov	17	(Mon)	05:15	06:03	109	11:46	57S	17:29	250	18:18
2025	Nov	18	(Tue)	05:15	06:04	110	11:46	57S	17:29	250	18:18
2025	Nov	19	(Wed)	05:15	06:04	110	11:47	57S	17:29	250	18:18
2025	Nov	20	(Thu)	05:16	06:05	110	11:47	56S	17:29	250	18:18
2025	Nov	21	(Fri)	05:16	06:05	110	11:47	56S	17:29	250	18:18
2025	Nov	22	(Sat)	05:17	06:06	111	11:47	56S	17:29	249	18:18
2025	Nov	23	(Sun)	05:17	06:06	111	11:48	56S	17:29	249	18:18
2025	Nov	24	(Mon)	05:18	06:07	111	11:48	56S	17:29	249	18:18
2025	Nov	25	(Tue)	05:18	06:07	111	11:48	55S	17:29	249	18:18
2025	Nov	26	(Wed)	05:19	06:08	111	11:49	55S	17:29	248	18:19
2025	Nov	27	(Thu)	05:19	06:08	112	11:49	55S	17:30	248	18:19
2025	Nov	28	(Fri)	05:19	06:09	112	11:49	55S	17:30	248	18:19
2025	Nov	29	(Sat)	05:20	06:09	112	11:50	55S	17:30	248	18:19
2025	Nov	30	(Sun)	05:20	06:10	112	11:50	54S	17:30	248	18:19
2025	Dec	01	(Mon)	05:21	06:10	112	11:50	54S	17:30	248	18:20
2025	Dec	02	(Tue)	05:21	06:11	112	11:51	54S	17:30	247	18:20
2025	Dec	03	(Wed)	05:22	06:12	113	11:51	54S	17:31	247	18:20
2025	Dec	04	(Thu)	05:22	06:12	113	11:51	54S	17:31	247	18:20
2025	Dec	05	(Fri)	05:23	06:13	113	11:52	54S	17:31	247	18:21
2025	Dec	06	(Sat)	05:24	06:13	113	11:52	54S	17:31	247	18:21
2025	Dec	07	(Sun)	05:24	06:14	113	11:53	53S	17:32	247	18:21
2025	Dec	08	(Mon)	05:25	06:14	113	11:53	53S	17:32	247	18:22
2025	Dec	09	(Tue)	05:25	06:15	113	11:54	53S	17:32	247	18:22
2025	Dec	10	(Wed)	05:26	06:15	113	11:54	53S	17:33	246	18:22
2025	Dec	11	(Thu)	05:26	06:16	114	11:55	53S	17:33	246	18:23
2025	Dec	12	(Fri)	05:27	06:17	114	11:55	53S	17:33	246	18:23
2025	Dec	13	(Sat)	05:27	06:17	114	11:55	53S	17:34	246	18:24
2025	Dec	14	(Sun)	05:28	06:18	114	11:56	53S	17:34	246	18:24

2025	Dec	15	(Mon)	05:28	06:18	114	11:56	53S	17:35	246	18:25
2025	Dec	16	(Tue)	05:29	06:19	114	11:57	53S	17:35	246	18:25
2025	Dec	17	(Wed)	05:29	06:19	114	11:57	53S	17:35	246	18:25
2025	Dec	18	(Thu)	05:30	06:20	114	11:58	53S	17:36	246	18:26
2025	Dec	19	(Fri)	05:30	06:20	114	11:58	53S	17:36	246	18:26
2025	Dec	20	(Sat)	05:31	06:21	114	11:59	53S	17:37	246	18:27
2025	Dec	21	(Sun)	05:31	06:21	114	11:59	53S	17:37	246	18:27
2025	Dec	22	(Mon)	05:32	06:22	114	12:00	53S	17:38	246	18:28
2025	Dec	23	(Tue)	05:32	06:22	114	12:00	53S	17:38	246	18:28
2025	Dec	24	(Wed)	05:33	06:23	114	12:01	53S	17:39	246	18:29
2025	Dec	25	(Thu)	05:33	06:23	114	12:01	53S	17:39	246	18:29
2025	Dec	26	(Fri)	05:34	06:24	114	12:02	53S	17:40	246	18:30
2025	Dec	27	(Sat)	05:34	06:24	114	12:02	53S	17:41	246	18:30
2025	Dec	28	(Sun)	05:35	06:25	114	12:03	53S	17:41	246	18:31
2025	Dec	29	(Mon)	05:35	06:25	114	12:03	53S	17:42	246	18:32
2025	Dec	30	(Tue)	05:36	06:25	114	12:04	53S	17:42	246	18:32
2025	Dec	31	(Wed)	05:36	06:26	114	12:04	53S	17:43	246	18:33

Sun

Si Sa Ket

Location: E104°40'12.0", N14°34'55.2", 0m
(Longitude referred to Greenwich meridian)

Time Zone: 7h 00m east of Greenwich

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

2025	Feb	12	(Wed)	06:05	06:26	104	12:16	63S	18:05	256	18:27
2025	Feb	13	(Thu)	06:04	06:26	104	12:15	63S	18:05	257	18:27
2025	Feb	14	(Fri)	06:04	06:26	103	12:15	63S	18:05	257	18:27
2025	Feb	15	(Sat)	06:03	06:25	103	12:15	64S	18:06	257	18:28
2025	Feb	16	(Sun)	06:03	06:25	103	12:15	64S	18:06	258	18:28
2025	Feb	17	(Mon)	06:03	06:24	102	12:15	64S	18:06	258	18:28
2025	Feb	18	(Tue)	06:02	06:24	102	12:15	65S	18:07	258	18:28
2025	Feb	19	(Wed)	06:02	06:24	101	12:15	65S	18:07	259	18:29
2025	Feb	20	(Thu)	06:01	06:23	101	12:15	65S	18:07	259	18:29
2025	Feb	21	(Fri)	06:01	06:23	101	12:15	66S	18:07	259	18:29
2025	Feb	22	(Sat)	06:00	06:22	100	12:15	66S	18:08	260	18:29
2025	Feb	23	(Sun)	06:00	06:22	100	12:15	66S	18:08	260	18:30
2025	Feb	24	(Mon)	05:59	06:21	100	12:14	67S	18:08	261	18:30
2025	Feb	25	(Tue)	05:59	06:20	99	12:14	67S	18:08	261	18:30
2025	Feb	26	(Wed)	05:58	06:20	99	12:14	68S	18:09	261	18:30
2025	Feb	27	(Thu)	05:58	06:19	98	12:14	68S	18:09	262	18:30
2025	Feb	28	(Fri)	05:57	06:19	98	12:14	68S	18:09	262	18:31
2025	Mar	01	(Sat)	05:57	06:18	98	12:14	69S	18:09	263	18:31
2025	Mar	02	(Sun)	05:56	06:18	97	12:13	69S	18:10	263	18:31
2025	Mar	03	(Mon)	05:55	06:17	97	12:13	69S	18:10	263	18:31
2025	Mar	04	(Tue)	05:55	06:16	96	12:13	70S	18:10	264	18:31
2025	Mar	05	(Wed)	05:54	06:16	96	12:13	70S	18:10	264	18:32
2025	Mar	06	(Thu)	05:54	06:15	96	12:13	71S	18:10	265	18:32
2025	Mar	07	(Fri)	05:53	06:14	95	12:12	71S	18:10	265	18:32
2025	Mar	08	(Sat)	05:52	06:14	95	12:12	71S	18:11	265	18:32
2025	Mar	09	(Sun)	05:52	06:13	94	12:12	72S	18:11	266	18:32
2025	Mar	10	(Mon)	05:51	06:12	94	12:12	72S	18:11	266	18:32
2025	Mar	11	(Tue)	05:50	06:12	94	12:11	73S	18:11	267	18:32
2025	Mar	12	(Wed)	05:50	06:11	93	12:11	73S	18:11	267	18:33
2025	Mar	13	(Thu)	05:49	06:10	93	12:11	73S	18:11	267	18:33
2025	Mar	14	(Fri)	05:48	06:10	92	12:11	74S	18:11	268	18:33
2025	Mar	15	(Sat)	05:48	06:09	92	12:10	74S	18:12	268	18:33
2025	Mar	16	(Sun)	05:47	06:08	92	12:10	74S	18:12	269	18:33
2025	Mar	17	(Mon)	05:46	06:08	91	12:10	75S	18:12	269	18:33
2025	Mar	18	(Tue)	05:46	06:07	91	12:09	75S	18:12	269	18:33
2025	Mar	19	(Wed)	05:45	06:06	90	12:09	76S	18:12	270	18:33
2025	Mar	20	(Thu)	05:44	06:06	90	12:09	76S	18:12	270	18:34
2025	Mar	21	(Fri)	05:44	06:05	90	12:08	76S	18:12	271	18:34
2025	Mar	22	(Sat)	05:43	06:04	89	12:08	77S	18:12	271	18:34
2025	Mar	23	(Sun)	05:42	06:03	89	12:08	77S	18:13	271	18:34
2025	Mar	24	(Mon)	05:41	06:03	88	12:08	78S	18:13	272	18:34
2025	Mar	25	(Tue)	05:41	06:02	88	12:07	78S	18:13	272	18:34
2025	Mar	26	(Wed)	05:40	06:01	88	12:07	78S	18:13	273	18:34
2025	Mar	27	(Thu)	05:39	06:01	87	12:07	79S	18:13	273	18:34
2025	Mar	28	(Fri)	05:39	06:00	87	12:06	79S	18:13	274	18:34
2025	Mar	29	(Sat)	05:38	05:59	86	12:06	80S	18:13	274	18:35
2025	Mar	30	(Sun)	05:37	05:58	86	12:06	80S	18:13	274	18:35
2025	Mar	31	(Mon)	05:36	05:58	85	12:05	80S	18:13	275	18:35
2025	Apr	01	(Tue)	05:36	05:57	85	12:05	81S	18:13	275	18:35
2025	Apr	02	(Wed)	05:35	05:56	85	12:05	81S	18:14	276	18:35
2025	Apr	03	(Thu)	05:34	05:56	84	12:05	82S	18:14	276	18:35
2025	Apr	04	(Fri)	05:33	05:55	84	12:04	82S	18:14	276	18:35
2025	Apr	05	(Sat)	05:33	05:54	84	12:04	82S	18:14	277	18:35
2025	Apr	06	(Sun)	05:32	05:54	83	12:04	83S	18:14	277	18:36
2025	Apr	07	(Mon)	05:31	05:53	83	12:03	83S	18:14	277	18:36
2025	Apr	08	(Tue)	05:31	05:52	82	12:03	83S	18:14	278	18:36
2025	Apr	09	(Wed)	05:30	05:52	82	12:03	84S	18:14	278	18:36
2025	Apr	10	(Thu)	05:29	05:51	82	12:03	84S	18:15	279	18:36
2025	Apr	11	(Fri)	05:29	05:50	81	12:02	85S	18:15	279	18:36
2025	Apr	12	(Sat)	05:28	05:50	81	12:02	85S	18:15	279	18:37
2025	Apr	13	(Sun)	05:27	05:49	80	12:02	85S	18:15	280	18:37
2025	Apr	14	(Mon)	05:27	05:48	80	12:02	86S	18:15	280	18:37
2025	Apr	15	(Tue)	05:26	05:48	80	12:01	86S	18:15	281	18:37
2025	Apr	16	(Wed)	05:25	05:47	79	12:01	86S	18:15	281	18:37
2025	Apr	17	(Thu)	05:25	05:46	79	12:01	87S	18:16	281	18:37
2025	Apr	18	(Fri)	05:24	05:46	79	12:01	87S	18:16	282	18:38
2025	Apr	19	(Sat)	05:23	05:45	78	12:00	87S	18:16	282	18:38
2025	Apr	20	(Sun)	05:23	05:45	78	12:00	88S	18:16	282	18:38
2025	Apr	21	(Mon)	05:22	05:44	78	12:00	88S	18:16	283	18:38
2025	Apr	22	(Tue)	05:22	05:43	77	12:00	88S	18:16	283	18:38
2025	Apr	23	(Wed)	05:21	05:43	77	12:00	89S	18:17	283	18:39
2025	Apr	24	(Thu)	05:20	05:42	76	11:59	89S	18:17	284	18:39

2025	Apr	25	(Fri)	05:20	05:42	76	11:59	89S	18:17	284	18:39
2025	Apr	26	(Sat)	05:19	05:41	76	11:59	90S	18:17	284	18:39
2025	Apr	27	(Sun)	05:19	05:41	75	11:59	90S	18:17	285	18:39
2025	Apr	28	(Mon)	05:18	05:40	75	11:59	90S	18:18	285	18:40
2025	Apr	29	(Tue)	05:18	05:40	75	11:59	91S	18:18	285	18:40
2025	Apr	30	(Wed)	05:17	05:39	75	11:59	90N	18:18	286	18:40
2025	May	01	(Thu)	05:17	05:39	74	11:58	90N	18:18	286	18:41
2025	May	02	(Fri)	05:16	05:38	74	11:58	90N	18:18	286	18:41
2025	May	03	(Sat)	05:16	05:38	74	11:58	90N	18:19	287	18:41
2025	May	04	(Sun)	05:15	05:37	73	11:58	89N	18:19	287	18:41
2025	May	05	(Mon)	05:15	05:37	73	11:58	89N	18:19	287	18:42
2025	May	06	(Tue)	05:14	05:37	73	11:58	89N	18:19	287	18:42
2025	May	07	(Wed)	05:14	05:36	72	11:58	88N	18:20	288	18:42
2025	May	08	(Thu)	05:13	05:36	72	11:58	88N	18:20	288	18:42
2025	May	09	(Fri)	05:13	05:36	72	11:58	88N	18:20	288	18:43
2025	May	10	(Sat)	05:13	05:35	72	11:58	88N	18:20	289	18:43
2025	May	11	(Sun)	05:12	05:35	71	11:58	87N	18:21	289	18:43
2025	May	12	(Mon)	05:12	05:35	71	11:58	87N	18:21	289	18:44
2025	May	13	(Tue)	05:11	05:34	71	11:58	87N	18:21	289	18:44
2025	May	14	(Wed)	05:11	05:34	71	11:58	87N	18:22	290	18:44
2025	May	15	(Thu)	05:11	05:34	70	11:58	86N	18:22	290	18:45
2025	May	16	(Fri)	05:11	05:33	70	11:58	86N	18:22	290	18:45
2025	May	17	(Sat)	05:10	05:33	70	11:58	86N	18:22	290	18:45
2025	May	18	(Sun)	05:10	05:33	70	11:58	86N	18:23	291	18:46
2025	May	19	(Mon)	05:10	05:33	69	11:58	85N	18:23	291	18:46
2025	May	20	(Tue)	05:09	05:32	69	11:58	85N	18:23	291	18:46
2025	May	21	(Wed)	05:09	05:32	69	11:58	85N	18:24	291	18:47
2025	May	22	(Thu)	05:09	05:32	69	11:58	85N	18:24	291	18:47
2025	May	23	(Fri)	05:09	05:32	68	11:58	85N	18:24	292	18:47
2025	May	24	(Sat)	05:09	05:32	68	11:58	84N	18:25	292	18:48
2025	May	25	(Sun)	05:09	05:32	68	11:58	84N	18:25	292	18:48
2025	May	26	(Mon)	05:08	05:32	68	11:58	84N	18:25	292	18:48
2025	May	27	(Tue)	05:08	05:31	68	11:58	84N	18:26	292	18:49
2025	May	28	(Wed)	05:08	05:31	68	11:59	84N	18:26	293	18:49
2025	May	29	(Thu)	05:08	05:31	67	11:59	84N	18:26	293	18:50
2025	May	30	(Fri)	05:08	05:31	67	11:59	83N	18:27	293	18:50
2025	May	31	(Sat)	05:08	05:31	67	11:59	83N	18:27	293	18:50
2025	Jun	01	(Sun)	05:08	05:31	67	11:59	83N	18:27	293	18:51
2025	Jun	02	(Mon)	05:08	05:31	67	11:59	83N	18:28	293	18:51
2025	Jun	03	(Tue)	05:08	05:31	67	11:59	83N	18:28	293	18:51
2025	Jun	04	(Wed)	05:08	05:31	67	12:00	83N	18:28	294	18:52
2025	Jun	05	(Thu)	05:08	05:31	66	12:00	83N	18:28	294	18:52
2025	Jun	06	(Fri)	05:08	05:31	66	12:00	83N	18:29	294	18:52
2025	Jun	07	(Sat)	05:08	05:31	66	12:00	83N	18:29	294	18:53
2025	Jun	08	(Sun)	05:08	05:31	66	12:00	82N	18:29	294	18:53
2025	Jun	09	(Mon)	05:08	05:32	66	12:01	82N	18:30	294	18:53
2025	Jun	10	(Tue)	05:08	05:32	66	12:01	82N	18:30	294	18:54
2025	Jun	11	(Wed)	05:08	05:32	66	12:01	82N	18:30	294	18:54
2025	Jun	12	(Thu)	05:08	05:32	66	12:01	82N	18:31	294	18:54
2025	Jun	13	(Fri)	05:08	05:32	66	12:01	82N	18:31	294	18:54
2025	Jun	14	(Sat)	05:09	05:32	66	12:02	82N	18:31	294	18:55
2025	Jun	15	(Sun)	05:09	05:32	66	12:02	82N	18:31	294	18:55
2025	Jun	16	(Mon)	05:09	05:32	66	12:02	82N	18:32	294	18:55
2025	Jun	17	(Tue)	05:09	05:33	66	12:02	82N	18:32	294	18:56
2025	Jun	18	(Wed)	05:09	05:33	66	12:02	82N	18:32	294	18:56
2025	Jun	19	(Thu)	05:09	05:33	66	12:03	82N	18:32	294	18:56
2025	Jun	20	(Fri)	05:10	05:33	65	12:03	82N	18:33	295	18:56
2025	Jun	21	(Sat)	05:10	05:33	65	12:03	82N	18:33	295	18:56
2025	Jun	22	(Sun)	05:10	05:34	65	12:03	82N	18:33	294	18:57
2025	Jun	23	(Mon)	05:10	05:34	66	12:04	82N	18:33	294	18:57
2025	Jun	24	(Tue)	05:10	05:34	66	12:04	82N	18:33	294	18:57
2025	Jun	25	(Wed)	05:11	05:34	66	12:04	82N	18:34	294	18:57
2025	Jun	26	(Thu)	05:11	05:35	66	12:04	82N	18:34	294	18:57
2025	Jun	27	(Fri)	05:11	05:35	66	12:04	82N	18:34	294	18:58
2025	Jun	28	(Sat)	05:11	05:35	66	12:05	82N	18:34	294	18:58
2025	Jun	29	(Sun)	05:12	05:35	66	12:05	82N	18:34	294	18:58
2025	Jun	30	(Mon)	05:12	05:36	66	12:05	82N	18:34	294	18:58
2025	Jul	01	(Tue)	05:12	05:36	66	12:05	82N	18:34	294	18:58
2025	Jul	02	(Wed)	05:13	05:36	66	12:05	82N	18:35	294	18:58
2025	Jul	03	(Thu)	05:13	05:37	66	12:06	82N	18:35	294	18:58
2025	Jul	04	(Fri)	05:13	05:37	66	12:06	82N	18:35	294	18:58
2025	Jul	05	(Sat)	05:14	05:37	66	12:06	83N	18:35	294	18:58

2025	Jul	06	(Sun)	05:14	05:37	66	12:06	83N	18:35	294	18:58
2025	Jul	07	(Mon)	05:14	05:38	66	12:06	83N	18:35	294	18:58
2025	Jul	08	(Tue)	05:15	05:38	66	12:06	83N	18:35	293	18:58
2025	Jul	09	(Wed)	05:15	05:38	67	12:07	83N	18:35	293	18:58
2025	Jul	10	(Thu)	05:15	05:39	67	12:07	83N	18:35	293	18:58
2025	Jul	11	(Fri)	05:15	05:39	67	12:07	83N	18:35	293	18:58
2025	Jul	12	(Sat)	05:16	05:39	67	12:07	83N	18:35	293	18:58
2025	Jul	13	(Sun)	05:16	05:39	67	12:07	84N	18:35	293	18:58
2025	Jul	14	(Mon)	05:16	05:40	67	12:07	84N	18:35	293	18:58
2025	Jul	15	(Tue)	05:17	05:40	67	12:07	84N	18:35	292	18:58
2025	Jul	16	(Wed)	05:17	05:40	68	12:07	84N	18:34	292	18:58
2025	Jul	17	(Thu)	05:17	05:41	68	12:08	84N	18:34	292	18:57
2025	Jul	18	(Fri)	05:18	05:41	68	12:08	84N	18:34	292	18:57
2025	Jul	19	(Sat)	05:18	05:41	68	12:08	84N	18:34	292	18:57
2025	Jul	20	(Sun)	05:18	05:42	68	12:08	85N	18:34	292	18:57
2025	Jul	21	(Mon)	05:19	05:42	69	12:08	85N	18:34	291	18:57
2025	Jul	22	(Tue)	05:19	05:42	69	12:08	85N	18:33	291	18:56
2025	Jul	23	(Wed)	05:19	05:42	69	12:08	85N	18:33	291	18:56
2025	Jul	24	(Thu)	05:20	05:43	69	12:08	85N	18:33	291	18:56
2025	Jul	25	(Fri)	05:20	05:43	69	12:08	86N	18:33	290	18:56
2025	Jul	26	(Sat)	05:20	05:43	70	12:08	86N	18:32	290	18:55
2025	Jul	27	(Sun)	05:21	05:43	70	12:08	86N	18:32	290	18:55
2025	Jul	28	(Mon)	05:21	05:44	70	12:08	86N	18:32	290	18:55
2025	Jul	29	(Tue)	05:21	05:44	70	12:08	87N	18:32	289	18:54
2025	Jul	30	(Wed)	05:21	05:44	71	12:08	87N	18:31	289	18:54
2025	Jul	31	(Thu)	05:22	05:44	71	12:08	87N	18:31	289	18:54
2025	Aug	01	(Fri)	05:22	05:45	71	12:08	87N	18:31	289	18:53
2025	Aug	02	(Sat)	05:22	05:45	71	12:08	88N	18:30	288	18:53
2025	Aug	03	(Sun)	05:23	05:45	72	12:08	88N	18:30	288	18:52
2025	Aug	04	(Mon)	05:23	05:45	72	12:07	88N	18:29	288	18:52
2025	Aug	05	(Tue)	05:23	05:46	72	12:07	88N	18:29	288	18:51
2025	Aug	06	(Wed)	05:23	05:46	73	12:07	89N	18:29	287	18:51
2025	Aug	07	(Thu)	05:24	05:46	73	12:07	89N	18:28	287	18:51
2025	Aug	08	(Fri)	05:24	05:46	73	12:07	89N	18:28	287	18:50
2025	Aug	09	(Sat)	05:24	05:46	73	12:07	90N	18:27	286	18:50
2025	Aug	10	(Sun)	05:24	05:47	74	12:07	90N	18:27	286	18:49
2025	Aug	11	(Mon)	05:24	05:47	74	12:07	90N	18:26	286	18:48
2025	Aug	12	(Tue)	05:25	05:47	74	12:06	90N	18:26	286	18:48
2025	Aug	13	(Wed)	05:25	05:47	75	12:06	91N	18:25	285	18:47
2025	Aug	14	(Thu)	05:25	05:47	75	12:06	90S	18:25	285	18:47
2025	Aug	15	(Fri)	05:25	05:47	75	12:06	90S	18:24	285	18:46
2025	Aug	16	(Sat)	05:25	05:48	76	12:06	90S	18:23	284	18:46
2025	Aug	17	(Sun)	05:26	05:48	76	12:05	89S	18:23	284	18:45
2025	Aug	18	(Mon)	05:26	05:48	76	12:05	89S	18:22	284	18:44
2025	Aug	19	(Tue)	05:26	05:48	77	12:05	89S	18:22	283	18:44
2025	Aug	20	(Wed)	05:26	05:48	77	12:05	88S	18:21	283	18:43
2025	Aug	21	(Thu)	05:26	05:48	77	12:04	88S	18:21	283	18:42
2025	Aug	22	(Fri)	05:26	05:48	78	12:04	88S	18:20	282	18:42
2025	Aug	23	(Sat)	05:27	05:48	78	12:04	87S	18:19	282	18:41
2025	Aug	24	(Sun)	05:27	05:49	78	12:04	87S	18:19	282	18:41
2025	Aug	25	(Mon)	05:27	05:49	79	12:03	87S	18:18	281	18:40
2025	Aug	26	(Tue)	05:27	05:49	79	12:03	86S	18:17	281	18:39
2025	Aug	27	(Wed)	05:27	05:49	79	12:03	86S	18:17	280	18:38
2025	Aug	28	(Thu)	05:27	05:49	80	12:03	86S	18:16	280	18:38
2025	Aug	29	(Fri)	05:27	05:49	80	12:02	85S	18:15	280	18:37
2025	Aug	30	(Sat)	05:27	05:49	80	12:02	85S	18:15	279	18:36
2025	Aug	31	(Sun)	05:28	05:49	81	12:02	85S	18:14	279	18:36
2025	Sep	01	(Mon)	05:28	05:49	81	12:01	84S	18:13	279	18:35
2025	Sep	02	(Tue)	05:28	05:49	82	12:01	84S	18:13	278	18:34
2025	Sep	03	(Wed)	05:28	05:49	82	12:01	84S	18:12	278	18:33
2025	Sep	04	(Thu)	05:28	05:50	82	12:00	83S	18:11	277	18:33
2025	Sep	05	(Fri)	05:28	05:50	83	12:00	83S	18:10	277	18:32
2025	Sep	06	(Sat)	05:28	05:50	83	12:00	82S	18:10	277	18:31
2025	Sep	07	(Sun)	05:28	05:50	84	11:59	82S	18:09	276	18:30
2025	Sep	08	(Mon)	05:28	05:50	84	11:59	82S	18:08	276	18:30
2025	Sep	09	(Tue)	05:28	05:50	84	11:59	81S	18:07	276	18:29
2025	Sep	10	(Wed)	05:28	05:50	85	11:58	81S	18:07	275	18:28
2025	Sep	11	(Thu)	05:28	05:50	85	11:58	81S	18:06	275	18:27
2025	Sep	12	(Fri)	05:28	05:50	85	11:58	80S	18:05	274	18:27
2025	Sep	13	(Sat)	05:29	05:50	86	11:57	80S	18:04	274	18:26
2025	Sep	14	(Sun)	05:29	05:50	86	11:57	79S	18:04	274	18:25
2025	Sep	15	(Mon)	05:29	05:50	87	11:57	79S	18:03	273	18:24

2025	Sep	16	(Tue)	05:29	05:50	87	11:56	79S	18:02	273	18:23
2025	Sep	17	(Wed)	05:29	05:50	87	11:56	78S	18:01	272	18:23
2025	Sep	18	(Thu)	05:29	05:50	88	11:55	78S	18:01	272	18:22
2025	Sep	19	(Fri)	05:29	05:50	88	11:55	78S	18:00	272	18:21
2025	Sep	20	(Sat)	05:29	05:50	89	11:55	77S	17:59	271	18:20
2025	Sep	21	(Sun)	05:29	05:50	89	11:54	77S	17:58	271	18:20
2025	Sep	22	(Mon)	05:29	05:50	89	11:54	76S	17:58	270	18:19
2025	Sep	23	(Tue)	05:29	05:50	90	11:54	76S	17:57	270	18:18
2025	Sep	24	(Wed)	05:29	05:51	90	11:53	76S	17:56	270	18:17
2025	Sep	25	(Thu)	05:29	05:51	91	11:53	75S	17:55	269	18:17
2025	Sep	26	(Fri)	05:29	05:51	91	11:53	75S	17:55	269	18:16
2025	Sep	27	(Sat)	05:29	05:51	91	11:52	74S	17:54	268	18:15
2025	Sep	28	(Sun)	05:29	05:51	92	11:52	74S	17:53	268	18:14
2025	Sep	29	(Mon)	05:29	05:51	92	11:52	74S	17:52	268	18:14
2025	Sep	30	(Tue)	05:30	05:51	93	11:51	73S	17:52	267	18:13
2025	Oct	01	(Wed)	05:30	05:51	93	11:51	73S	17:51	267	18:12
2025	Oct	02	(Thu)	05:30	05:51	93	11:51	72S	17:50	266	18:12
2025	Oct	03	(Fri)	05:30	05:51	94	11:50	72S	17:49	266	18:11
2025	Oct	04	(Sat)	05:30	05:51	94	11:50	72S	17:49	266	18:10
2025	Oct	05	(Sun)	05:30	05:51	95	11:50	71S	17:48	265	18:09
2025	Oct	06	(Mon)	05:30	05:51	95	11:49	71S	17:47	265	18:09
2025	Oct	07	(Tue)	05:30	05:52	95	11:49	71S	17:47	264	18:08
2025	Oct	08	(Wed)	05:30	05:52	96	11:49	70S	17:46	264	18:07
2025	Oct	09	(Thu)	05:30	05:52	96	11:49	70S	17:45	264	18:07
2025	Oct	10	(Fri)	05:30	05:52	97	11:48	69S	17:45	263	18:06
2025	Oct	11	(Sat)	05:31	05:52	97	11:48	69S	17:44	263	18:05
2025	Oct	12	(Sun)	05:31	05:52	97	11:48	69S	17:43	262	18:05
2025	Oct	13	(Mon)	05:31	05:52	98	11:48	68S	17:43	262	18:04
2025	Oct	14	(Tue)	05:31	05:52	98	11:47	68S	17:42	262	18:04
2025	Oct	15	(Wed)	05:31	05:53	99	11:47	68S	17:41	261	18:03
2025	Oct	16	(Thu)	05:31	05:53	99	11:47	67S	17:41	261	18:02
2025	Oct	17	(Fri)	05:31	05:53	99	11:47	67S	17:40	260	18:02
2025	Oct	18	(Sat)	05:32	05:53	100	11:46	66S	17:40	260	18:01
2025	Oct	19	(Sun)	05:32	05:53	100	11:46	66S	17:39	260	18:01
2025	Oct	20	(Mon)	05:32	05:54	100	11:46	66S	17:39	259	18:00
2025	Oct	21	(Tue)	05:32	05:54	101	11:46	65S	17:38	259	18:00
2025	Oct	22	(Wed)	05:32	05:54	101	11:46	65S	17:37	259	17:59
2025	Oct	23	(Thu)	05:32	05:54	102	11:46	65S	17:37	258	17:59
2025	Oct	24	(Fri)	05:33	05:54	102	11:46	64S	17:36	258	17:58
2025	Oct	25	(Sat)	05:33	05:55	102	11:45	64S	17:36	258	17:58
2025	Oct	26	(Sun)	05:33	05:55	103	11:45	64S	17:35	257	17:57
2025	Oct	27	(Mon)	05:33	05:55	103	11:45	63S	17:35	257	17:57
2025	Oct	28	(Tue)	05:34	05:56	103	11:45	63S	17:35	256	17:56
2025	Oct	29	(Wed)	05:34	05:56	104	11:45	63S	17:34	256	17:56
2025	Oct	30	(Thu)	05:34	05:56	104	11:45	62S	17:34	256	17:56
2025	Oct	31	(Fri)	05:34	05:56	104	11:45	62S	17:33	255	17:55
2025	Nov	01	(Sat)	05:35	05:57	105	11:45	62S	17:33	255	17:55
2025	Nov	02	(Sun)	05:35	05:57	105	11:45	61S	17:33	255	17:55
2025	Nov	03	(Mon)	05:35	05:57	105	11:45	61S	17:32	254	17:54
2025	Nov	04	(Tue)	05:36	05:58	106	11:45	61S	17:32	254	17:54
2025	Nov	05	(Wed)	05:36	05:58	106	11:45	60S	17:32	254	17:54
2025	Nov	06	(Thu)	05:36	05:58	106	11:45	60S	17:31	254	17:53
2025	Nov	07	(Fri)	05:37	05:59	107	11:45	60S	17:31	253	17:53
2025	Nov	08	(Sat)	05:37	05:59	107	11:45	59S	17:31	253	17:53
2025	Nov	09	(Sun)	05:37	06:00	107	11:45	59S	17:31	253	17:53
2025	Nov	10	(Mon)	05:38	06:00	108	11:45	59S	17:30	252	17:53
2025	Nov	11	(Tue)	05:38	06:00	108	11:45	59S	17:30	252	17:52
2025	Nov	12	(Wed)	05:38	06:01	108	11:45	58S	17:30	252	17:52
2025	Nov	13	(Thu)	05:39	06:01	108	11:46	58S	17:30	252	17:52
2025	Nov	14	(Fri)	05:39	06:02	109	11:46	58S	17:30	251	17:52
2025	Nov	15	(Sat)	05:40	06:02	109	11:46	58S	17:29	251	17:52
2025	Nov	16	(Sun)	05:40	06:03	109	11:46	57S	17:29	251	17:52
2025	Nov	17	(Mon)	05:41	06:03	109	11:46	57S	17:29	250	17:52
2025	Nov	18	(Tue)	05:41	06:04	110	11:46	57S	17:29	250	17:52
2025	Nov	19	(Wed)	05:41	06:04	110	11:47	57S	17:29	250	17:52
2025	Nov	20	(Thu)	05:42	06:05	110	11:47	56S	17:29	250	17:52
2025	Nov	21	(Fri)	05:42	06:05	110	11:47	56S	17:29	250	17:52
2025	Nov	22	(Sat)	05:43	06:06	111	11:47	56S	17:29	249	17:52
2025	Nov	23	(Sun)	05:43	06:06	111	11:48	56S	17:29	249	17:52
2025	Nov	24	(Mon)	05:44	06:07	111	11:48	56S	17:29	249	17:52
2025	Nov	25	(Tue)	05:44	06:07	111	11:48	55S	17:29	249	17:52
2025	Nov	26	(Wed)	05:45	06:08	111	11:49	55S	17:29	248	17:52

2025	Nov	27	(Thu)	05:45	06:08	112	11:49	55S	17:30	248	17:52
2025	Nov	28	(Fri)	05:46	06:09	112	11:49	55S	17:30	248	17:53
2025	Nov	29	(Sat)	05:46	06:09	112	11:50	55S	17:30	248	17:53
2025	Nov	30	(Sun)	05:47	06:10	112	11:50	54S	17:30	248	17:53
2025	Dec	01	(Mon)	05:47	06:10	112	11:50	54S	17:30	248	17:53
2025	Dec	02	(Tue)	05:48	06:11	112	11:51	54S	17:30	247	17:53
2025	Dec	03	(Wed)	05:49	06:12	113	11:51	54S	17:31	247	17:54
2025	Dec	04	(Thu)	05:49	06:12	113	11:51	54S	17:31	247	17:54
2025	Dec	05	(Fri)	05:50	06:13	113	11:52	54S	17:31	247	17:54
2025	Dec	06	(Sat)	05:50	06:13	113	11:52	54S	17:31	247	17:54
2025	Dec	07	(Sun)	05:51	06:14	113	11:53	53S	17:32	247	17:55
2025	Dec	08	(Mon)	05:51	06:14	113	11:53	53S	17:32	247	17:55
2025	Dec	09	(Tue)	05:52	06:15	113	11:54	53S	17:32	247	17:55
2025	Dec	10	(Wed)	05:52	06:15	113	11:54	53S	17:33	246	17:56
2025	Dec	11	(Thu)	05:53	06:16	114	11:55	53S	17:33	246	17:56
2025	Dec	12	(Fri)	05:53	06:17	114	11:55	53S	17:33	246	17:57
2025	Dec	13	(Sat)	05:54	06:17	114	11:55	53S	17:34	246	17:57
2025	Dec	14	(Sun)	05:54	06:18	114	11:56	53S	17:34	246	17:57
2025	Dec	15	(Mon)	05:55	06:18	114	11:56	53S	17:35	246	17:58
2025	Dec	16	(Tue)	05:56	06:19	114	11:57	53S	17:35	246	17:58
2025	Dec	17	(Wed)	05:56	06:19	114	11:57	53S	17:35	246	17:59
2025	Dec	18	(Thu)	05:57	06:20	114	11:58	53S	17:36	246	17:59
2025	Dec	19	(Fri)	05:57	06:20	114	11:58	53S	17:36	246	18:00
2025	Dec	20	(Sat)	05:58	06:21	114	11:59	53S	17:37	246	18:00
2025	Dec	21	(Sun)	05:58	06:21	114	11:59	53S	17:37	246	18:01
2025	Dec	22	(Mon)	05:59	06:22	114	12:00	53S	17:38	246	18:01
2025	Dec	23	(Tue)	05:59	06:22	114	12:00	53S	17:38	246	18:02
2025	Dec	24	(Wed)	06:00	06:23	114	12:01	53S	17:39	246	18:02
2025	Dec	25	(Thu)	06:00	06:23	114	12:01	53S	17:39	246	18:03
2025	Dec	26	(Fri)	06:01	06:24	114	12:02	53S	17:40	246	18:03
2025	Dec	27	(Sat)	06:01	06:24	114	12:02	53S	17:41	246	18:04
2025	Dec	28	(Sun)	06:01	06:25	114	12:03	53S	17:41	246	18:04
2025	Dec	29	(Mon)	06:02	06:25	114	12:03	53S	17:42	246	18:05
2025	Dec	30	(Tue)	06:02	06:25	114	12:04	53S	17:42	246	18:05
2025	Dec	31	(Wed)	06:03	06:26	114	12:04	53S	17:43	246	18:06

Moon

Si Sa Ket

Location: E104°40'12.0", N14°34'55.2", 0m
(Longitude referred to Greenwich meridian)

Time Zone: 7h 00m east of Greenwich

Date (Zone)				Rise	Az.	Transit Alt.			Set	Az.		
				h	m	°	h	m	°	h	m	°
2025	Jan	01	(Wed)	07:35	117		13:19	50S		19:04	245	
2025	Jan	02	(Thu)	08:26	113		14:13	55S		20:03	249	
2025	Jan	03	(Fri)	09:12	108		15:05	60S		21:01	255	
2025	Jan	04	(Sat)	09:54	101		15:54	66S		21:57	262	
2025	Jan	05	(Sun)	10:35	95		16:41	73S		22:51	269	
2025	Jan	06	(Mon)	11:14	87		17:28	80S		23:46	276	
2025	Jan	07	(Tue)	11:55	80		18:17	87S				
2025	Jan	08	(Wed)	12:38	74		19:07	88N		00:42	283	
2025	Jan	09	(Thu)	13:24	68		20:02	83N		01:41	289	
2025	Jan	10	(Fri)	14:16	64		21:00	79N		02:42	294	
2025	Jan	11	(Sat)	15:13	61		22:01	77N		03:46	298	
2025	Jan	12	(Sun)	16:14	61		23:02	77N		04:49	299	
2025	Jan	13	(Mon)	17:16	62					05:50	299	
2025	Jan	14	(Tue)	18:16	65		00:01	79N		06:45	297	
2025	Jan	15	(Wed)	19:13	70		00:57	82N		07:34	293	
2025	Jan	16	(Thu)	20:06	75		01:47	87N		08:17	288	
2025	Jan	17	(Fri)	20:56	81		02:33	89S		08:56	282	
2025	Jan	18	(Sat)	21:43	87		03:15	83S		09:31	276	
2025	Jan	19	(Sun)	22:28	93		03:55	77S		10:05	270	
2025	Jan	20	(Mon)	23:14	99		04:35	71S		10:38	264	
2025	Jan	21	(Tue)				05:14	66S		11:12	258	
2025	Jan	22	(Wed)	00:01	105		05:55	60S		11:47	253	
2025	Jan	23	(Thu)	00:49	110		06:39	56S		12:26	248	
2025	Jan	24	(Fri)	01:40	114		07:25	52S		13:09	244	
2025	Jan	25	(Sat)	02:34	117		08:16	49S		13:57	242	

2025	Jan	26	(Sun)	03:31	119	09:11	47S	14:51	240
2025	Jan	27	(Mon)	04:28	120	10:08	47S	15:49	241
2025	Jan	28	(Tue)	05:24	118	11:06	49S	16:49	243
2025	Jan	29	(Wed)	06:16	115	12:02	53S	17:50	247
2025	Jan	30	(Thu)	07:05	110	12:56	58S	18:50	253
2025	Jan	31	(Fri)	07:50	104	13:48	64S	19:48	260
2025	Feb	01	(Sat)	08:33	97	14:37	71S	20:45	267
2025	Feb	02	(Sun)	09:13	90	15:25	78S	21:41	274
2025	Feb	03	(Mon)	09:54	82	16:14	85S	22:37	281
2025	Feb	04	(Tue)	10:37	76	17:04	90N	23:36	288
2025	Feb	05	(Wed)	11:22	70	17:57	84N		
2025	Feb	06	(Thu)	12:12	65	18:54	80N	00:36	293
2025	Feb	07	(Fri)	13:06	62	19:53	77N	01:38	297
2025	Feb	08	(Sat)	14:05	60	20:53	76N	02:41	299
2025	Feb	09	(Sun)	15:05	61	21:52	78N	03:41	299
2025	Feb	10	(Mon)	16:05	64	22:47	81N	04:37	298
2025	Feb	11	(Tue)	17:02	68	23:39	85N	05:27	294
2025	Feb	12	(Wed)	17:56	73			06:12	290
2025	Feb	13	(Thu)	18:47	78	00:26	90N	06:52	284
2025	Feb	14	(Fri)	19:35	84	01:10	86S	07:29	279
2025	Feb	15	(Sat)	20:22	91	01:51	80S	08:03	272
2025	Feb	16	(Sun)	21:07	97	02:30	74S	08:36	266
2025	Feb	17	(Mon)	21:54	103	03:10	68S	09:09	260
2025	Feb	18	(Tue)	22:41	108	03:50	62S	09:44	255
2025	Feb	19	(Wed)	23:31	112	04:32	57S	10:21	250
2025	Feb	20	(Thu)			05:17	53S	11:02	246
2025	Feb	21	(Fri)	00:23	116	06:06	50S	11:47	242
2025	Feb	22	(Sat)	01:17	119	06:58	47S	12:37	241
2025	Feb	23	(Sun)	02:13	120	07:53	47S	13:32	240
2025	Feb	24	(Mon)	03:09	119	08:50	48S	14:31	242
2025	Feb	25	(Tue)	04:03	117	09:46	51S	15:32	245
2025	Feb	26	(Wed)	04:53	112	10:42	55S	16:33	250
2025	Feb	27	(Thu)	05:40	107	11:35	61S	17:32	256
2025	Feb	28	(Fri)	06:25	100	12:26	68S	18:31	263
2025	Mar	01	(Sat)	07:07	93	13:16	75S	19:29	271
2025	Mar	02	(Sun)	07:49	85	14:06	82S	20:27	279
2025	Mar	03	(Mon)	08:32	78	14:57	90S	21:27	286
2025	Mar	04	(Tue)	09:18	71	15:51	86N	22:28	292
2025	Mar	05	(Wed)	10:08	66	16:48	81N	23:31	296
2025	Mar	06	(Thu)	11:01	62	17:47	78N		
2025	Mar	07	(Fri)	11:59	60	18:48	76N	00:35	299
2025	Mar	08	(Sat)	12:59	61	19:47	77N	01:36	300
2025	Mar	09	(Sun)	13:59	63	20:43	79N	02:33	299
2025	Mar	10	(Mon)	14:56	66	21:35	83N	03:24	296
2025	Mar	11	(Tue)	15:51	71	22:22	88N	04:10	292
2025	Mar	12	(Wed)	16:42	76	23:07	88S	04:51	286
2025	Mar	13	(Thu)	17:30	82	23:48	82S	05:28	281
2025	Mar	14	(Fri)	18:17	88			06:03	275
2025	Mar	15	(Sat)	19:02	94	00:28	76S	06:36	269
2025	Mar	16	(Sun)	19:48	100	01:07	70S	07:09	263
2025	Mar	17	(Mon)	20:35	106	01:47	64S	07:43	257
2025	Mar	18	(Tue)	21:24	111	02:29	59S	08:19	252
2025	Mar	19	(Wed)	22:15	115	03:12	54S	08:58	247
2025	Mar	20	(Thu)	23:08	118	03:59	51S	09:41	244
2025	Mar	21	(Fri)			04:49	48S	10:29	241
2025	Mar	22	(Sat)	00:03	120	05:42	47S	11:21	240
2025	Mar	23	(Sun)	00:57	120	06:37	47S	12:17	241
2025	Mar	24	(Mon)	01:51	118	07:32	49S	13:15	243
2025	Mar	25	(Tue)	02:41	115	08:27	53S	14:14	247
2025	Mar	26	(Wed)	03:29	110	09:20	58S	15:13	253
2025	Mar	27	(Thu)	04:14	104	10:11	64S	16:12	260
2025	Mar	28	(Fri)	04:56	97	11:01	71S	17:10	267
2025	Mar	29	(Sat)	05:39	89	11:52	79S	18:09	275
2025	Mar	30	(Sun)	06:22	82	12:44	86S	19:09	282
2025	Mar	31	(Mon)	07:08	74	13:38	88N	20:12	289
2025	Apr	01	(Tue)	07:58	68	14:36	83N	21:17	294
2025	Apr	02	(Wed)	08:52	64	15:36	79N	22:23	298
2025	Apr	03	(Thu)	09:50	61	16:39	77N	23:28	300
2025	Apr	04	(Fri)	10:52	60	17:40	77N		
2025	Apr	05	(Sat)	11:53	62	18:38	78N	00:28	299
2025	Apr	06	(Sun)	12:52	65	19:32	82N	01:22	297
2025	Apr	07	(Mon)	13:47	69	20:21	86N	02:09	293

2025 Apr 08 (Tue)	14:39 74	21:06 90S	02:51 288
2025 Apr 09 (Wed)	15:27 80	21:47 84S	03:29 283
2025 Apr 10 (Thu)	16:14 86	22:27 78S	04:04 277
2025 Apr 11 (Fri)	17:00 92	23:07 72S	04:37 271
2025 Apr 12 (Sat)	17:45 98	23:46 66S	05:10 265
2025 Apr 13 (Sun)	18:32 104		05:44 259
2025 Apr 14 (Mon)	19:20 109	00:27 61S	06:19 253
2025 Apr 15 (Tue)	20:10 114	01:10 56S	06:57 249
2025 Apr 16 (Wed)	21:02 117	01:55 52S	07:39 245
2025 Apr 17 (Thu)	21:56 119	02:44 49S	08:25 242
2025 Apr 18 (Fri)	22:50 120	03:36 47S	09:15 240
2025 Apr 19 (Sat)	23:43 119	04:29 47S	10:09 241
2025 Apr 20 (Sun)		05:23 48S	11:05 242
2025 Apr 21 (Mon)	00:33 116	06:17 51S	12:02 246
2025 Apr 22 (Tue)	01:21 112	07:09 55S	12:59 250
2025 Apr 23 (Wed)	02:05 107	07:59 61S	13:56 256
2025 Apr 24 (Thu)	02:47 100	08:48 67S	14:52 263
2025 Apr 25 (Fri)	03:29 93	09:37 75S	15:49 271
2025 Apr 26 (Sat)	04:11 86	10:27 82S	16:48 278
2025 Apr 27 (Sun)	04:55 78	11:20 89S	17:50 286
2025 Apr 28 (Mon)	05:43 71	12:17 86N	18:55 292
2025 Apr 29 (Tue)	06:36 66	13:18 81N	20:03 297
2025 Apr 30 (Wed)	07:34 62	14:22 77N	21:10 299
2025 May 01 (Thu)	08:37 60	15:26 76N	22:15 299
2025 May 02 (Fri)	09:41 61	16:28 78N	23:14 298
2025 May 03 (Sat)	10:43 64	17:25 81N	
2025 May 04 (Sun)	11:41 68	18:17 85N	00:05 294
2025 May 05 (Mon)	12:35 73	19:04 90N	00:50 290
2025 May 06 (Tue)	13:25 78	19:47 86S	01:29 284
2025 May 07 (Wed)	14:12 84	20:27 80S	02:05 279
2025 May 08 (Thu)	14:58 91	21:06 74S	02:39 272
2025 May 09 (Fri)	15:43 97	21:46 68S	03:12 266
2025 May 10 (Sat)	16:29 102	22:26 63S	03:45 261
2025 May 11 (Sun)	17:16 108	23:08 57S	04:20 255
2025 May 12 (Mon)	18:06 112	23:53 53S	04:57 250
2025 May 13 (Tue)	18:58 116		05:38 246
2025 May 14 (Wed)	19:52 118	00:41 50S	06:22 243
2025 May 15 (Thu)	20:46 120	01:32 48S	07:11 241
2025 May 16 (Fri)	21:39 119	02:25 47S	08:04 240
2025 May 17 (Sat)	22:30 117	03:19 48S	09:00 242
2025 May 18 (Sun)	23:17 113	04:12 50S	09:56 245
2025 May 19 (Mon)		05:03 54S	10:52 249
2025 May 20 (Tue)	00:01 109	05:53 59S	11:47 254
2025 May 21 (Wed)	00:43 103	06:41 65S	12:42 260
2025 May 22 (Thu)	01:23 96	07:28 72S	13:36 268
2025 May 23 (Fri)	02:03 89	08:16 79S	14:32 275
2025 May 24 (Sat)	02:45 82	09:06 86S	15:31 282
2025 May 25 (Sun)	03:30 75	09:59 89N	16:33 289
2025 May 26 (Mon)	04:19 68	10:57 83N	17:39 294
2025 May 27 (Tue)	05:15 64	12:00 79N	18:47 298
2025 May 28 (Wed)	06:16 61	13:05 77N	19:55 299
2025 May 29 (Thu)	07:21 61	14:10 77N	20:58 299
2025 May 30 (Fri)	08:26 62	15:12 79N	21:54 296
2025 May 31 (Sat)	09:28 66	16:08 83N	22:43 291
2025 Jun 01 (Sun)	10:26 71	16:58 88N	23:26 286
2025 Jun 02 (Mon)	11:18 76	17:43 88S	
2025 Jun 03 (Tue)	12:07 82	18:25 82S	00:04 280
2025 Jun 04 (Wed)	12:54 89	19:05 76S	00:39 274
2025 Jun 05 (Thu)	13:40 95	19:44 70S	01:13 268
2025 Jun 06 (Fri)	14:25 101	20:24 64S	01:46 262
2025 Jun 07 (Sat)	15:12 106	21:06 59S	02:20 257
2025 Jun 08 (Sun)	16:01 111	21:50 54S	02:56 252
2025 Jun 09 (Mon)	16:53 115	22:37 51S	03:36 247
2025 Jun 10 (Tue)	17:46 118	23:27 48S	04:19 244
2025 Jun 11 (Wed)	18:40 119		05:07 241
2025 Jun 12 (Thu)	19:35 119	00:20 47S	06:00 241
2025 Jun 13 (Fri)	20:26 118	01:14 48S	06:55 241
2025 Jun 14 (Sat)	21:15 114	02:08 49S	07:52 244
2025 Jun 15 (Sun)	22:00 110	03:00 53S	08:48 248
2025 Jun 16 (Mon)	22:42 104	03:50 58S	09:43 253
2025 Jun 17 (Tue)	23:22 98	04:38 63S	10:37 259
2025 Jun 18 (Wed)		05:24 70S	11:30 265

2025 Jun 19 (Thu)	00:01 91	06:11 77S	12:24 272
2025 Jun 20 (Fri)	00:40 84	06:58 83S	13:20 279
2025 Jun 21 (Sat)	01:22 77	07:48 90S	14:18 286
2025 Jun 22 (Sun)	02:08 71	08:42 85N	15:20 292
2025 Jun 23 (Mon)	03:00 66	09:41 80N	16:26 297
2025 Jun 24 (Tue)	03:58 62	10:45 77N	17:34 299
2025 Jun 25 (Wed)	05:01 61	11:50 77N	18:39 299
2025 Jun 26 (Thu)	06:06 61	12:54 78N	19:39 297
2025 Jun 27 (Fri)	07:11 64	13:53 81N	20:32 294
2025 Jun 28 (Sat)	08:11 69	14:47 86N	21:19 289
2025 Jun 29 (Sun)	09:07 74	15:35 90S	22:00 283
2025 Jun 30 (Mon)	09:59 80	16:20 84S	22:37 277
2025 Jul 01 (Tue)	10:47 86	17:01 78S	23:11 271
2025 Jul 02 (Wed)	11:34 93	17:41 72S	23:45 264
2025 Jul 03 (Thu)	12:20 99	18:21 66S	
2025 Jul 04 (Fri)	13:07 104	19:02 61S	00:19 259
2025 Jul 05 (Sat)	13:55 109	19:45 56S	00:54 253
2025 Jul 06 (Sun)	14:46 114	20:31 52S	01:33 249
2025 Jul 07 (Mon)	15:38 117	21:20 49S	02:15 245
2025 Jul 08 (Tue)	16:33 119	22:13 47S	03:01 242
2025 Jul 09 (Wed)	17:27 119	23:07 47S	03:52 241
2025 Jul 10 (Thu)	18:21 118		04:47 241
2025 Jul 11 (Fri)	19:11 116	00:02 49S	05:44 243
2025 Jul 12 (Sat)	19:58 111	00:55 52S	06:42 246
2025 Jul 13 (Sun)	20:41 106	01:47 56S	07:38 251
2025 Jul 14 (Mon)	21:22 100	02:36 62S	08:33 257
2025 Jul 15 (Tue)	22:01 93	03:23 68S	09:27 263
2025 Jul 16 (Wed)	22:40 86	04:09 75S	10:20 270
2025 Jul 17 (Thu)	23:21 79	04:56 82S	11:15 278
2025 Jul 18 (Fri)		05:44 88S	12:11 284
2025 Jul 19 (Sat)	00:04 73	06:35 87N	13:10 290
2025 Jul 20 (Sun)	00:52 67	07:31 82N	14:13 295
2025 Jul 21 (Mon)	01:46 63	08:31 78N	15:18 298
2025 Jul 22 (Tue)	02:46 61	09:34 77N	16:23 299
2025 Jul 23 (Wed)	03:49 61	10:38 77N	17:25 298
2025 Jul 24 (Thu)	04:53 63	11:38 80N	18:20 295
2025 Jul 25 (Fri)	05:55 67	12:34 84N	19:10 291
2025 Jul 26 (Sat)	06:54 72	13:25 89N	19:53 285
2025 Jul 27 (Sun)	07:48 77	14:12 87S	20:32 279
2025 Jul 28 (Mon)	08:38 84	14:55 80S	21:08 273
2025 Jul 29 (Tue)	09:26 90	15:36 74S	21:42 267
2025 Jul 30 (Wed)	10:13 96	16:16 68S	22:16 261
2025 Jul 31 (Thu)	11:00 102	16:57 63S	22:51 255
2025 Aug 01 (Fri)	11:48 108	17:39 58S	23:29 250
2025 Aug 02 (Sat)	12:37 112	18:24 53S	
2025 Aug 03 (Sun)	13:29 116	19:12 50S	00:09 246
2025 Aug 04 (Mon)	14:23 118	20:03 48S	00:53 243
2025 Aug 05 (Tue)	15:17 120	20:56 47S	01:43 241
2025 Aug 06 (Wed)	16:11 119	21:51 48S	02:36 240
2025 Aug 07 (Thu)	17:03 117	22:46 50S	03:32 242
2025 Aug 08 (Fri)	17:52 113	23:39 54S	04:30 245
2025 Aug 09 (Sat)	18:37 108		05:28 249
2025 Aug 10 (Sun)	19:20 102	00:30 59S	06:25 255
2025 Aug 11 (Mon)	20:00 95	01:18 66S	07:20 261
2025 Aug 12 (Tue)	20:40 88	02:06 72S	08:15 268
2025 Aug 13 (Wed)	21:20 81	02:53 80S	09:10 275
2025 Aug 14 (Thu)	22:03 74	03:41 86S	10:06 282
2025 Aug 15 (Fri)	22:50 69	04:32 89N	11:05 289
2025 Aug 16 (Sat)	23:41 64	05:26 83N	12:06 294
2025 Aug 17 (Sun)		06:24 79N	13:10 298
2025 Aug 18 (Mon)	00:38 61	07:25 77N	14:14 299
2025 Aug 19 (Tue)	01:39 60	08:27 77N	15:16 299
2025 Aug 20 (Wed)	02:42 62	09:28 78N	16:12 297
2025 Aug 21 (Thu)	03:43 65	10:25 82N	17:03 293
2025 Aug 22 (Fri)	04:42 69	11:17 87N	17:48 288
2025 Aug 23 (Sat)	05:37 75	12:04 89S	18:28 282
2025 Aug 24 (Sun)	06:29 81	12:49 83S	19:05 276
2025 Aug 25 (Mon)	07:18 87	13:31 77S	19:40 269
2025 Aug 26 (Tue)	08:06 94	14:11 71S	20:14 263
2025 Aug 27 (Wed)	08:53 100	14:52 65S	20:49 257
2025 Aug 28 (Thu)	09:40 106	15:34 59S	21:25 252
2025 Aug 29 (Fri)	10:29 111	16:18 55S	22:04 247

2025 Aug 30 (Sat)	11:20 115	17:04 51S	22:47 244
2025 Aug 31 (Sun)	12:12 118	17:53 48S	23:33 241
2025 Sep 01 (Mon)	13:06 119	18:45 47S	
2025 Sep 02 (Tue)	14:00 120	19:39 47S	00:24 240
2025 Sep 03 (Wed)	14:52 118	20:33 49S	01:19 241
2025 Sep 04 (Thu)	15:42 115	21:27 52S	02:16 243
2025 Sep 05 (Fri)	16:29 111	22:19 57S	03:14 247
2025 Sep 06 (Sat)	17:13 105	23:09 63S	04:11 252
2025 Sep 07 (Sun)	17:55 98	23:57 69S	05:08 258
2025 Sep 08 (Mon)	18:35 91		06:04 265
2025 Sep 09 (Tue)	19:17 84	00:46 77S	07:00 273
2025 Sep 10 (Wed)	20:00 77	01:35 84S	07:57 280
2025 Sep 11 (Thu)	20:46 70	02:26 91N	08:57 287
2025 Sep 12 (Fri)	21:37 65	03:21 85N	09:59 293
2025 Sep 13 (Sat)	22:33 62	04:19 80N	11:03 297
2025 Sep 14 (Sun)	23:33 60	05:20 77N	12:08 299
2025 Sep 15 (Mon)		06:22 76N	13:10 300
2025 Sep 16 (Tue)	00:35 61	07:22 78N	14:08 298
2025 Sep 17 (Wed)	01:36 64	08:19 81N	14:59 294
2025 Sep 18 (Thu)	02:35 68	09:12 85N	15:45 290
2025 Sep 19 (Fri)	03:31 73	10:00 90N	16:26 284
2025 Sep 20 (Sat)	04:23 79	10:45 85S	17:04 278
2025 Sep 21 (Sun)	05:12 85	11:27 79S	17:39 272
2025 Sep 22 (Mon)	06:00 91	12:08 73S	18:13 266
2025 Sep 23 (Tue)	06:47 98	12:48 67S	18:47 260
2025 Sep 24 (Wed)	07:34 103	13:30 61S	19:23 254
2025 Sep 25 (Thu)	08:22 109	14:13 57S	20:01 249
2025 Sep 26 (Fri)	09:12 113	14:58 52S	20:42 245
2025 Sep 27 (Sat)	10:04 117	15:46 49S	21:27 242
2025 Sep 28 (Sun)	10:57 119	16:37 47S	22:16 241
2025 Sep 29 (Mon)	11:50 120	17:29 47S	23:08 240
2025 Sep 30 (Tue)	12:42 119	18:22 48S	
2025 Oct 01 (Wed)	13:32 117	19:15 50S	00:03 242
2025 Oct 02 (Thu)	14:19 113	20:06 54S	00:59 245
2025 Oct 03 (Fri)	15:03 108	20:56 60S	01:56 249
2025 Oct 04 (Sat)	15:46 102	21:45 66S	02:52 255
2025 Oct 05 (Sun)	16:27 95	22:33 73S	03:47 262
2025 Oct 06 (Mon)	17:08 87	23:22 80S	04:43 269
2025 Oct 07 (Tue)	17:51 80		05:41 276
2025 Oct 08 (Wed)	18:37 73	00:14 88S	06:41 284
2025 Oct 09 (Thu)	19:28 67	01:08 87N	07:44 290
2025 Oct 10 (Fri)	20:24 63	02:07 82N	08:50 295
2025 Oct 11 (Sat)	21:24 61	03:09 78N	09:57 299
2025 Oct 12 (Sun)	22:28 61	04:13 77N	11:02 300
2025 Oct 13 (Mon)	23:30 63	05:16 77N	12:03 298
2025 Oct 14 (Tue)		06:15 80N	12:57 295
2025 Oct 15 (Wed)	00:31 66	07:09 83N	13:44 291
2025 Oct 16 (Thu)	01:27 71	07:58 88N	14:26 286
2025 Oct 17 (Fri)	02:19 77	08:44 87S	15:04 280
2025 Oct 18 (Sat)	03:09 83	09:26 81S	15:40 274
2025 Oct 19 (Sun)	03:56 89	10:07 75S	16:14 268
2025 Oct 20 (Mon)	04:43 95	10:47 69S	16:48 262
2025 Oct 21 (Tue)	05:30 101	11:28 63S	17:23 256
2025 Oct 22 (Wed)	06:17 107	12:10 58S	18:00 251
2025 Oct 23 (Thu)	07:07 112	12:54 54S	18:40 247
2025 Oct 24 (Fri)	07:58 115	13:41 50S	19:23 243
2025 Oct 25 (Sat)	08:50 118	14:31 48S	20:10 241
2025 Oct 26 (Sun)	09:43 119	15:22 47S	21:01 240
2025 Oct 27 (Mon)	10:35 119	16:14 48S	21:54 241
2025 Oct 28 (Tue)	11:25 118	17:06 49S	22:49 244
2025 Oct 29 (Wed)	12:12 115	17:57 53S	23:44 247
2025 Oct 30 (Thu)	12:56 110	18:46 57S	
2025 Oct 31 (Fri)	13:37 105	19:33 63S	00:38 252
2025 Nov 01 (Sat)	14:18 98	20:20 69S	01:32 258
2025 Nov 02 (Sun)	14:58 91	21:08 77S	02:26 265
2025 Nov 03 (Mon)	15:39 84	21:57 84S	03:22 272
2025 Nov 04 (Tue)	16:23 77	22:50 91N	04:20 280
2025 Nov 05 (Wed)	17:12 70	23:48 85N	05:22 287
2025 Nov 06 (Thu)	18:07 65		06:27 293
2025 Nov 07 (Fri)	19:08 62	00:50 80N	07:36 297
2025 Nov 08 (Sat)	20:13 61	01:56 77N	08:45 299
2025 Nov 09 (Sun)	21:19 62	03:02 77N	09:51 299

2025 Nov 10 (Mon)	22:22 65	04:05 79N	10:49 297
2025 Nov 11 (Tue)	23:21 70	05:03 82N	11:41 293
2025 Nov 12 (Wed)		05:55 87N	12:25 287
2025 Nov 13 (Thu)	00:15 75	06:42 89S	13:05 282
2025 Nov 14 (Fri)	01:06 81	07:25 83S	13:41 276
2025 Nov 15 (Sat)	01:54 87	08:06 77S	14:15 269
2025 Nov 16 (Sun)	02:41 94	08:46 71S	14:49 263
2025 Nov 17 (Mon)	03:27 100	09:27 65S	15:24 258
2025 Nov 18 (Tue)	04:14 105	10:08 60S	16:00 252
2025 Nov 19 (Wed)	05:03 110	10:52 55S	16:39 248
2025 Nov 20 (Thu)	05:53 114	11:38 51S	17:21 244
2025 Nov 21 (Fri)	06:46 117	12:27 49S	18:07 242
2025 Nov 22 (Sat)	07:38 119	13:18 47S	18:57 241
2025 Nov 23 (Sun)	08:31 119	14:10 47S	19:50 241
2025 Nov 24 (Mon)	09:21 118	15:02 49S	20:44 243
2025 Nov 25 (Tue)	10:08 115	15:52 52S	21:38 246
2025 Nov 26 (Wed)	10:53 112	16:41 56S	22:31 251
2025 Nov 27 (Thu)	11:34 107	17:27 61S	23:23 256
2025 Nov 28 (Fri)	12:13 101	18:13 67S	
2025 Nov 29 (Sat)	12:51 94	18:58 74S	00:15 262
2025 Nov 30 (Sun)	13:30 87	19:45 80S	01:08 269
2025 Dec 01 (Mon)	14:12 80	20:34 87S	02:03 276
2025 Dec 02 (Tue)	14:57 73	21:28 88N	03:00 283
2025 Dec 03 (Wed)	15:48 68	22:27 82N	04:03 290
2025 Dec 04 (Thu)	16:45 63	23:31 78N	05:10 295
2025 Dec 05 (Fri)	17:49 61		06:19 298
2025 Dec 06 (Sat)	18:57 61	00:39 77N	07:28 299
2025 Dec 07 (Sun)	20:04 64	01:46 78N	08:33 298
2025 Dec 08 (Mon)	21:08 68	02:48 81N	09:29 294
2025 Dec 09 (Tue)	22:06 73	03:45 85N	10:19 289
2025 Dec 10 (Wed)	23:00 79	04:36 90N	11:02 284
2025 Dec 11 (Thu)	23:50 86	05:22 85S	11:40 278
2025 Dec 12 (Fri)		06:04 79S	12:16 271
2025 Dec 13 (Sat)	00:37 92	06:45 73S	12:50 265
2025 Dec 14 (Sun)	01:24 98	07:26 67S	13:24 259
2025 Dec 15 (Mon)	02:11 104	08:07 61S	14:00 254
2025 Dec 16 (Tue)	02:59 109	08:50 57S	14:38 249
2025 Dec 17 (Wed)	03:49 113	09:35 52S	15:19 245
2025 Dec 18 (Thu)	04:41 116	10:23 49S	16:04 242
2025 Dec 19 (Fri)	05:33 119	11:14 48S	16:53 241
2025 Dec 20 (Sat)	06:26 119	12:06 47S	17:45 241
2025 Dec 21 (Sun)	07:18 119	12:58 48S	18:39 242
2025 Dec 22 (Mon)	08:06 116	13:49 51S	19:34 245
2025 Dec 23 (Tue)	08:51 113	14:38 55S	20:27 249
2025 Dec 24 (Wed)	09:33 108	15:25 60S	21:20 255
2025 Dec 25 (Thu)	10:13 102	16:10 65S	22:11 261
2025 Dec 26 (Fri)	10:50 96	16:55 71S	23:02 267
2025 Dec 27 (Sat)	11:28 89	17:39 78S	23:54 274
2025 Dec 28 (Sun)	12:07 83	18:26 85S	
2025 Dec 29 (Mon)	12:48 76	19:15 90N	00:48 281
2025 Dec 30 (Tue)	13:34 70	20:10 84N	01:46 287
2025 Dec 31 (Wed)	14:27 65	21:09 80N	02:48 293