

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

2024	Mar	01	(Fri)	05:32	06:18	98	12:14	69S	18:09	263	18:56
2024	Mar	02	(Sat)	05:31	06:17	97	12:13	69S	18:10	263	18:56
2024	Mar	03	(Sun)	05:30	06:17	97	12:13	69S	18:10	263	18:56
2024	Mar	04	(Mon)	05:30	06:16	96	12:13	70S	18:10	264	18:56
2024	Mar	05	(Tue)	05:29	06:16	96	12:13	70S	18:10	264	18:56
2024	Mar	06	(Wed)	05:29	06:15	96	12:13	71S	18:10	265	18:57
2024	Mar	07	(Thu)	05:28	06:14	95	12:12	71S	18:10	265	18:57
2024	Mar	08	(Fri)	05:27	06:14	95	12:12	71S	18:11	265	18:57
2024	Mar	09	(Sat)	05:27	06:13	94	12:12	72S	18:11	266	18:57
2024	Mar	10	(Sun)	05:26	06:12	94	12:12	72S	18:11	266	18:57
2024	Mar	11	(Mon)	05:25	06:12	94	12:11	73S	18:11	267	18:57
2024	Mar	12	(Tue)	05:25	06:11	93	12:11	73S	18:11	267	18:57
2024	Mar	13	(Wed)	05:24	06:10	93	12:11	73S	18:11	267	18:58
2024	Mar	14	(Thu)	05:23	06:10	92	12:10	74S	18:11	268	18:58
2024	Mar	15	(Fri)	05:23	06:09	92	12:10	74S	18:12	268	18:58
2024	Mar	16	(Sat)	05:22	06:08	91	12:10	75S	18:12	269	18:58
2024	Mar	17	(Sun)	05:21	06:08	91	12:10	75S	18:12	269	18:58
2024	Mar	18	(Mon)	05:21	06:07	91	12:09	75S	18:12	270	18:58
2024	Mar	19	(Tue)	05:20	06:06	90	12:09	76S	18:12	270	18:58
2024	Mar	20	(Wed)	05:19	06:05	90	12:09	76S	18:12	270	18:58
2024	Mar	21	(Thu)	05:19	06:05	89	12:08	77S	18:12	271	18:59
2024	Mar	22	(Fri)	05:18	06:04	89	12:08	77S	18:12	271	18:59
2024	Mar	23	(Sat)	05:17	06:03	89	12:08	77S	18:13	272	18:59
2024	Mar	24	(Sun)	05:16	06:03	88	12:08	78S	18:13	272	18:59
2024	Mar	25	(Mon)	05:16	06:02	88	12:07	78S	18:13	272	18:59
2024	Mar	26	(Tue)	05:15	06:01	87	12:07	79S	18:13	273	18:59
2024	Mar	27	(Wed)	05:14	06:00	87	12:07	79S	18:13	273	18:59
2024	Mar	28	(Thu)	05:13	06:00	87	12:06	79S	18:13	274	18:59
2024	Mar	29	(Fri)	05:13	05:59	86	12:06	80S	18:13	274	19:00
2024	Mar	30	(Sat)	05:12	05:58	86	12:06	80S	18:13	274	19:00
2024	Mar	31	(Sun)	05:11	05:58	85	12:05	80S	18:13	275	19:00
2024	Apr	01	(Mon)	05:10	05:57	85	12:05	81S	18:14	275	19:00
2024	Apr	02	(Tue)	05:10	05:56	85	12:05	81S	18:14	276	19:00
2024	Apr	03	(Wed)	05:09	05:56	84	12:05	82S	18:14	276	19:00
2024	Apr	04	(Thu)	05:08	05:55	84	12:04	82S	18:14	276	19:00
2024	Apr	05	(Fri)	05:08	05:54	83	12:04	82S	18:14	277	19:01
2024	Apr	06	(Sat)	05:07	05:53	83	12:04	83S	18:14	277	19:01
2024	Apr	07	(Sun)	05:06	05:53	83	12:03	83S	18:14	278	19:01
2024	Apr	08	(Mon)	05:05	05:52	82	12:03	84S	18:14	278	19:01
2024	Apr	09	(Tue)	05:05	05:51	82	12:03	84S	18:14	278	19:01
2024	Apr	10	(Wed)	05:04	05:51	81	12:03	84S	18:15	279	19:02
2024	Apr	11	(Thu)	05:03	05:50	81	12:02	85S	18:15	279	19:02
2024	Apr	12	(Fri)	05:02	05:49	81	12:02	85S	18:15	279	19:02
2024	Apr	13	(Sat)	05:02	05:49	80	12:02	85S	18:15	280	19:02
2024	Apr	14	(Sun)	05:01	05:48	80	12:02	86S	18:15	280	19:02
2024	Apr	15	(Mon)	05:00	05:48	80	12:01	86S	18:15	281	19:03
2024	Apr	16	(Tue)	05:00	05:47	79	12:01	86S	18:15	281	19:03
2024	Apr	17	(Wed)	04:59	05:46	79	12:01	87S	18:16	281	19:03
2024	Apr	18	(Thu)	04:58	05:46	79	12:01	87S	18:16	282	19:03
2024	Apr	19	(Fri)	04:58	05:45	78	12:00	87S	18:16	282	19:03
2024	Apr	20	(Sat)	04:57	05:45	78	12:00	88S	18:16	282	19:04
2024	Apr	21	(Sun)	04:56	05:44	77	12:00	88S	18:16	283	19:04
2024	Apr	22	(Mon)	04:56	05:43	77	12:00	88S	18:16	283	19:04
2024	Apr	23	(Tue)	04:55	05:43	77	12:00	89S	18:17	283	19:04
2024	Apr	24	(Wed)	04:54	05:42	76	11:59	89S	18:17	284	19:05
2024	Apr	25	(Thu)	04:54	05:42	76	11:59	89S	18:17	284	19:05
2024	Apr	26	(Fri)	04:53	05:41	76	11:59	90S	18:17	284	19:05
2024	Apr	27	(Sat)	04:53	05:41	75	11:59	90S	18:17	285	19:06
2024	Apr	28	(Sun)	04:52	05:40	75	11:59	90S	18:18	285	19:06
2024	Apr	29	(Mon)	04:51	05:40	75	11:59	91N	18:18	285	19:06
2024	Apr	30	(Tue)	04:51	05:39	74	11:59	90N	18:18	286	19:06
2024	May	01	(Wed)	04:50	05:39	74	11:58	90N	18:18	286	19:07
2024	May	02	(Thu)	04:50	05:38	74	11:58	90N	18:18	286	19:07
2024	May	03	(Fri)	04:49	05:38	73	11:58	89N	18:19	287	19:07
2024	May	04	(Sat)	04:49	05:37	73	11:58	89N	18:19	287	19:08
2024	May	05	(Sun)	04:48	05:37	73	11:58	89N	18:19	287	19:08
2024	May	06	(Mon)	04:48	05:37	73	11:58	89N	18:19	288	19:08
2024	May	07	(Tue)	04:47	05:36	72	11:58	88N	18:20	288	19:09
2024	May	08	(Wed)	04:47	05:36	72	11:58	88N	18:20	288	19:09
2024	May	09	(Thu)	04:46	05:35	72	11:58	88N	18:20	288	19:09
2024	May	10	(Fri)	04:46	05:35	71	11:58	88N	18:21	289	19:10
2024	May	11	(Sat)	04:45	05:35	71	11:58	87N	18:21	289	19:10

2024	May	12	(Sun)	04:45	05:34	71	11:58	87N	18:21	289	19:11
2024	May	13	(Mon)	04:45	05:34	71	11:58	87N	18:21	289	19:11
2024	May	14	(Tue)	04:44	05:34	70	11:58	87N	18:22	290	19:11
2024	May	15	(Wed)	04:44	05:34	70	11:58	86N	18:22	290	19:12
2024	May	16	(Thu)	04:44	05:33	70	11:58	86N	18:22	290	19:12
2024	May	17	(Fri)	04:43	05:33	70	11:58	86N	18:23	290	19:12
2024	May	18	(Sat)	04:43	05:33	69	11:58	86N	18:23	291	19:13
2024	May	19	(Sun)	04:43	05:33	69	11:58	85N	18:23	291	19:13
2024	May	20	(Mon)	04:42	05:32	69	11:58	85N	18:23	291	19:14
2024	May	21	(Tue)	04:42	05:32	69	11:58	85N	18:24	291	19:14
2024	May	22	(Wed)	04:42	05:32	69	11:58	85N	18:24	291	19:14
2024	May	23	(Thu)	04:42	05:32	68	11:58	85N	18:24	292	19:15
2024	May	24	(Fri)	04:41	05:32	68	11:58	84N	18:25	292	19:15
2024	May	25	(Sat)	04:41	05:32	68	11:58	84N	18:25	292	19:16
2024	May	26	(Sun)	04:41	05:32	68	11:58	84N	18:25	292	19:16
2024	May	27	(Mon)	04:41	05:31	68	11:59	84N	18:26	292	19:16
2024	May	28	(Tue)	04:41	05:31	68	11:59	84N	18:26	293	19:17
2024	May	29	(Wed)	04:41	05:31	67	11:59	84N	18:26	293	19:17
2024	May	30	(Thu)	04:40	05:31	67	11:59	83N	18:27	293	19:17
2024	May	31	(Fri)	04:40	05:31	67	11:59	83N	18:27	293	19:18
2024	Jun	01	(Sat)	04:40	05:31	67	11:59	83N	18:27	293	19:18
2024	Jun	02	(Sun)	04:40	05:31	67	11:59	83N	18:28	293	19:19
2024	Jun	03	(Mon)	04:40	05:31	67	12:00	83N	18:28	293	19:19
2024	Jun	04	(Tue)	04:40	05:31	67	12:00	83N	18:28	294	19:19
2024	Jun	05	(Wed)	04:40	05:31	66	12:00	83N	18:29	294	19:20
2024	Jun	06	(Thu)	04:40	05:31	66	12:00	83N	18:29	294	19:20
2024	Jun	07	(Fri)	04:40	05:31	66	12:00	82N	18:29	294	19:20
2024	Jun	08	(Sat)	04:40	05:31	66	12:00	82N	18:29	294	19:21
2024	Jun	09	(Sun)	04:40	05:32	66	12:01	82N	18:30	294	19:21
2024	Jun	10	(Mon)	04:40	05:32	66	12:01	82N	18:30	294	19:21
2024	Jun	11	(Tue)	04:40	05:32	66	12:01	82N	18:30	294	19:22
2024	Jun	12	(Wed)	04:40	05:32	66	12:01	82N	18:31	294	19:22
2024	Jun	13	(Thu)	04:41	05:32	66	12:01	82N	18:31	294	19:22
2024	Jun	14	(Fri)	04:41	05:32	66	12:02	82N	18:31	294	19:23
2024	Jun	15	(Sat)	04:41	05:32	66	12:02	82N	18:31	294	19:23
2024	Jun	16	(Sun)	04:41	05:33	66	12:02	82N	18:32	294	19:23
2024	Jun	17	(Mon)	04:41	05:33	66	12:02	82N	18:32	294	19:24
2024	Jun	18	(Tue)	04:41	05:33	66	12:03	82N	18:32	294	19:24
2024	Jun	19	(Wed)	04:42	05:33	66	12:03	82N	18:32	294	19:24
2024	Jun	20	(Thu)	04:42	05:33	65	12:03	82N	18:33	295	19:24
2024	Jun	21	(Fri)	04:42	05:33	65	12:03	82N	18:33	295	19:24
2024	Jun	22	(Sat)	04:42	05:34	65	12:03	82N	18:33	294	19:25
2024	Jun	23	(Sun)	04:42	05:34	66	12:04	82N	18:33	294	19:25
2024	Jun	24	(Mon)	04:43	05:34	66	12:04	82N	18:33	294	19:25
2024	Jun	25	(Tue)	04:43	05:34	66	12:04	82N	18:34	294	19:25
2024	Jun	26	(Wed)	04:43	05:35	66	12:04	82N	18:34	294	19:25
2024	Jun	27	(Thu)	04:43	05:35	66	12:04	82N	18:34	294	19:25
2024	Jun	28	(Fri)	04:44	05:35	66	12:05	82N	18:34	294	19:26
2024	Jun	29	(Sat)	04:44	05:35	66	12:05	82N	18:34	294	19:26
2024	Jun	30	(Sun)	04:44	05:36	66	12:05	82N	18:34	294	19:26
2024	Jul	01	(Mon)	04:45	05:36	66	12:05	82N	18:34	294	19:26
2024	Jul	02	(Tue)	04:45	05:36	66	12:05	82N	18:35	294	19:26
2024	Jul	03	(Wed)	04:45	05:37	66	12:06	82N	18:35	294	19:26
2024	Jul	04	(Thu)	04:46	05:37	66	12:06	82N	18:35	294	19:26
2024	Jul	05	(Fri)	04:46	05:37	66	12:06	83N	18:35	294	19:26
2024	Jul	06	(Sat)	04:46	05:37	66	12:06	83N	18:35	294	19:26
2024	Jul	07	(Sun)	04:47	05:38	66	12:06	83N	18:35	294	19:26
2024	Jul	08	(Mon)	04:47	05:38	67	12:06	83N	18:35	293	19:26
2024	Jul	09	(Tue)	04:47	05:38	67	12:07	83N	18:35	293	19:26
2024	Jul	10	(Wed)	04:48	05:39	67	12:07	83N	18:35	293	19:26
2024	Jul	11	(Thu)	04:48	05:39	67	12:07	83N	18:35	293	19:26
2024	Jul	12	(Fri)	04:48	05:39	67	12:07	83N	18:35	293	19:26
2024	Jul	13	(Sat)	04:49	05:40	67	12:07	84N	18:35	293	19:25
2024	Jul	14	(Sun)	04:49	05:40	67	12:07	84N	18:35	293	19:25
2024	Jul	15	(Mon)	04:49	05:40	68	12:07	84N	18:34	292	19:25
2024	Jul	16	(Tue)	04:50	05:40	68	12:07	84N	18:34	292	19:25
2024	Jul	17	(Wed)	04:50	05:41	68	12:08	84N	18:34	292	19:25
2024	Jul	18	(Thu)	04:51	05:41	68	12:08	84N	18:34	292	19:24
2024	Jul	19	(Fri)	04:51	05:41	68	12:08	85N	18:34	292	19:24
2024	Jul	20	(Sat)	04:51	05:42	68	12:08	85N	18:34	291	19:24
2024	Jul	21	(Sun)	04:52	05:42	69	12:08	85N	18:34	291	19:24
2024	Jul	22	(Mon)	04:52	05:42	69	12:08	85N	18:33	291	19:23

2024	Jul	23	(Tue)	04:52	05:42	69	12:08	85N	18:33	291	19:23
2024	Jul	24	(Wed)	04:53	05:43	69	12:08	86N	18:33	291	19:23
2024	Jul	25	(Thu)	04:53	05:43	69	12:08	86N	18:33	290	19:22
2024	Jul	26	(Fri)	04:53	05:43	70	12:08	86N	18:32	290	19:22
2024	Jul	27	(Sat)	04:54	05:44	70	12:08	86N	18:32	290	19:22
2024	Jul	28	(Sun)	04:54	05:44	70	12:08	86N	18:32	290	19:21
2024	Jul	29	(Mon)	04:54	05:44	70	12:08	87N	18:31	289	19:21
2024	Jul	30	(Tue)	04:55	05:44	71	12:08	87N	18:31	289	19:21
2024	Jul	31	(Wed)	04:55	05:45	71	12:08	87N	18:31	289	19:20
2024	Aug	01	(Thu)	04:55	05:45	71	12:08	87N	18:30	289	19:20
2024	Aug	02	(Fri)	04:56	05:45	71	12:08	88N	18:30	288	19:19
2024	Aug	03	(Sat)	04:56	05:45	72	12:08	88N	18:30	288	19:19
2024	Aug	04	(Sun)	04:56	05:45	72	12:07	88N	18:29	288	19:18
2024	Aug	05	(Mon)	04:57	05:46	72	12:07	88N	18:29	288	19:18
2024	Aug	06	(Tue)	04:57	05:46	73	12:07	89N	18:28	287	19:17
2024	Aug	07	(Wed)	04:57	05:46	73	12:07	89N	18:28	287	19:17
2024	Aug	08	(Thu)	04:58	05:46	73	12:07	89N	18:28	287	19:16
2024	Aug	09	(Fri)	04:58	05:46	73	12:07	90N	18:27	286	19:16
2024	Aug	10	(Sat)	04:58	05:47	74	12:07	90N	18:27	286	19:15
2024	Aug	11	(Sun)	04:58	05:47	74	12:07	90N	18:26	286	19:14
2024	Aug	12	(Mon)	04:59	05:47	74	12:06	90N	18:26	285	19:14
2024	Aug	13	(Tue)	04:59	05:47	75	12:06	91S	18:25	285	19:13
2024	Aug	14	(Wed)	04:59	05:47	75	12:06	90S	18:24	285	19:13
2024	Aug	15	(Thu)	04:59	05:47	75	12:06	90S	18:24	285	19:12
2024	Aug	16	(Fri)	05:00	05:48	76	12:06	90S	18:23	284	19:11
2024	Aug	17	(Sat)	05:00	05:48	76	12:05	89S	18:23	284	19:11
2024	Aug	18	(Sun)	05:00	05:48	76	12:05	89S	18:22	284	19:10
2024	Aug	19	(Mon)	05:00	05:48	77	12:05	89S	18:22	283	19:09
2024	Aug	20	(Tue)	05:00	05:48	77	12:05	88S	18:21	283	19:09
2024	Aug	21	(Wed)	05:01	05:48	77	12:04	88S	18:20	282	19:08
2024	Aug	22	(Thu)	05:01	05:48	78	12:04	88S	18:20	282	19:07
2024	Aug	23	(Fri)	05:01	05:49	78	12:04	87S	18:19	282	19:07
2024	Aug	24	(Sat)	05:01	05:49	78	12:04	87S	18:18	281	19:06
2024	Aug	25	(Sun)	05:01	05:49	79	12:03	87S	18:18	281	19:05
2024	Aug	26	(Mon)	05:02	05:49	79	12:03	86S	18:17	281	19:04
2024	Aug	27	(Tue)	05:02	05:49	79	12:03	86S	18:16	280	19:04
2024	Aug	28	(Wed)	05:02	05:49	80	12:02	86S	18:16	280	19:03
2024	Aug	29	(Thu)	05:02	05:49	80	12:02	85S	18:15	280	19:02
2024	Aug	30	(Fri)	05:02	05:49	81	12:02	85S	18:14	279	19:01
2024	Aug	31	(Sat)	05:02	05:49	81	12:02	85S	18:14	279	19:01
2024	Sep	01	(Sun)	05:02	05:49	81	12:01	84S	18:13	278	19:00
2024	Sep	02	(Mon)	05:02	05:49	82	12:01	84S	18:12	278	18:59
2024	Sep	03	(Tue)	05:03	05:49	82	12:01	83S	18:12	278	18:58
2024	Sep	04	(Wed)	05:03	05:50	82	12:00	83S	18:11	277	18:58
2024	Sep	05	(Thu)	05:03	05:50	83	12:00	83S	18:10	277	18:57
2024	Sep	06	(Fri)	05:03	05:50	83	12:00	82S	18:09	277	18:56
2024	Sep	07	(Sat)	05:03	05:50	84	11:59	82S	18:09	276	18:55
2024	Sep	08	(Sun)	05:03	05:50	84	11:59	82S	18:08	276	18:54
2024	Sep	09	(Mon)	05:03	05:50	84	11:59	81S	18:07	275	18:54
2024	Sep	10	(Tue)	05:03	05:50	85	11:58	81S	18:06	275	18:53
2024	Sep	11	(Wed)	05:03	05:50	85	11:58	80S	18:06	275	18:52
2024	Sep	12	(Thu)	05:04	05:50	86	11:58	80S	18:05	274	18:51
2024	Sep	13	(Fri)	05:04	05:50	86	11:57	80S	18:04	274	18:51
2024	Sep	14	(Sat)	05:04	05:50	86	11:57	79S	18:03	273	18:50
2024	Sep	15	(Sun)	05:04	05:50	87	11:56	79S	18:03	273	18:49
2024	Sep	16	(Mon)	05:04	05:50	87	11:56	79S	18:02	273	18:48
2024	Sep	17	(Tue)	05:04	05:50	88	11:56	78S	18:01	272	18:47
2024	Sep	18	(Wed)	05:04	05:50	88	11:55	78S	18:00	272	18:47
2024	Sep	19	(Thu)	05:04	05:50	88	11:55	77S	18:00	271	18:46
2024	Sep	20	(Fri)	05:04	05:50	89	11:55	77S	17:59	271	18:45
2024	Sep	21	(Sat)	05:04	05:50	89	11:54	77S	17:58	271	18:44
2024	Sep	22	(Sun)	05:04	05:50	90	11:54	76S	17:57	270	18:43
2024	Sep	23	(Mon)	05:04	05:50	90	11:54	76S	17:57	270	18:43
2024	Sep	24	(Tue)	05:04	05:50	90	11:53	75S	17:56	269	18:42
2024	Sep	25	(Wed)	05:04	05:51	91	11:53	75S	17:55	269	18:41
2024	Sep	26	(Thu)	05:04	05:51	91	11:53	75S	17:54	269	18:40
2024	Sep	27	(Fri)	05:05	05:51	92	11:52	74S	17:54	268	18:40
2024	Sep	28	(Sat)	05:05	05:51	92	11:52	74S	17:53	268	18:39
2024	Sep	29	(Sun)	05:05	05:51	92	11:52	74S	17:52	267	18:38
2024	Sep	30	(Mon)	05:05	05:51	93	11:51	73S	17:51	267	18:38
2024	Oct	01	(Tue)	05:05	05:51	93	11:51	73S	17:51	267	18:37
2024	Oct	02	(Wed)	05:05	05:51	94	11:51	72S	17:50	266	18:36

2024	Oct	03	(Thu)	05:05	05:51	94	11:50	72S	17:49	266	18:35
2024	Oct	04	(Fri)	05:05	05:51	94	11:50	72S	17:49	265	18:35
2024	Oct	05	(Sat)	05:05	05:51	95	11:50	71S	17:48	265	18:34
2024	Oct	06	(Sun)	05:05	05:51	95	11:49	71S	17:47	265	18:33
2024	Oct	07	(Mon)	05:05	05:52	96	11:49	70S	17:46	264	18:33
2024	Oct	08	(Tue)	05:05	05:52	96	11:49	70S	17:46	264	18:32
2024	Oct	09	(Wed)	05:05	05:52	96	11:49	70S	17:45	263	18:31
2024	Oct	10	(Thu)	05:06	05:52	97	11:48	69S	17:44	263	18:31
2024	Oct	11	(Fri)	05:06	05:52	97	11:48	69S	17:44	263	18:30
2024	Oct	12	(Sat)	05:06	05:52	98	11:48	69S	17:43	262	18:30
2024	Oct	13	(Sun)	05:06	05:52	98	11:48	68S	17:42	262	18:29
2024	Oct	14	(Mon)	05:06	05:52	98	11:47	68S	17:42	262	18:28
2024	Oct	15	(Tue)	05:06	05:53	99	11:47	67S	17:41	261	18:28
2024	Oct	16	(Wed)	05:06	05:53	99	11:47	67S	17:41	261	18:27
2024	Oct	17	(Thu)	05:06	05:53	99	11:47	67S	17:40	260	18:27
2024	Oct	18	(Fri)	05:07	05:53	100	11:46	66S	17:39	260	18:26
2024	Oct	19	(Sat)	05:07	05:53	100	11:46	66S	17:39	260	18:26
2024	Oct	20	(Sun)	05:07	05:54	101	11:46	66S	17:38	259	18:25
2024	Oct	21	(Mon)	05:07	05:54	101	11:46	65S	17:38	259	18:25
2024	Oct	22	(Tue)	05:07	05:54	101	11:46	65S	17:37	259	18:24
2024	Oct	23	(Wed)	05:07	05:54	102	11:46	65S	17:37	258	18:24
2024	Oct	24	(Thu)	05:08	05:54	102	11:45	64S	17:36	258	18:23
2024	Oct	25	(Fri)	05:08	05:55	102	11:45	64S	17:36	257	18:23
2024	Oct	26	(Sat)	05:08	05:55	103	11:45	64S	17:35	257	18:22
2024	Oct	27	(Sun)	05:08	05:55	103	11:45	63S	17:35	257	18:22
2024	Oct	28	(Mon)	05:08	05:56	103	11:45	63S	17:34	256	18:22
2024	Oct	29	(Tue)	05:09	05:56	104	11:45	63S	17:34	256	18:21
2024	Oct	30	(Wed)	05:09	05:56	104	11:45	62S	17:34	256	18:21
2024	Oct	31	(Thu)	05:09	05:56	104	11:45	62S	17:33	255	18:21
2024	Nov	01	(Fri)	05:09	05:57	105	11:45	62S	17:33	255	18:20
2024	Nov	02	(Sat)	05:10	05:57	105	11:45	61S	17:32	255	18:20
2024	Nov	03	(Sun)	05:10	05:57	105	11:45	61S	17:32	254	18:20
2024	Nov	04	(Mon)	05:10	05:58	106	11:45	61S	17:32	254	18:19
2024	Nov	05	(Tue)	05:10	05:58	106	11:45	60S	17:32	254	18:19
2024	Nov	06	(Wed)	05:11	05:59	106	11:45	60S	17:31	253	18:19
2024	Nov	07	(Thu)	05:11	05:59	107	11:45	60S	17:31	253	18:19
2024	Nov	08	(Fri)	05:11	05:59	107	11:45	59S	17:31	253	18:19
2024	Nov	09	(Sat)	05:12	06:00	107	11:45	59S	17:30	253	18:18
2024	Nov	10	(Sun)	05:12	06:00	108	11:45	59S	17:30	252	18:18
2024	Nov	11	(Mon)	05:12	06:01	108	11:45	59S	17:30	252	18:18
2024	Nov	12	(Tue)	05:13	06:01	108	11:45	58S	17:30	252	18:18
2024	Nov	13	(Wed)	05:13	06:01	108	11:46	58S	17:30	251	18:18
2024	Nov	14	(Thu)	05:13	06:02	109	11:46	58S	17:30	251	18:18
2024	Nov	15	(Fri)	05:14	06:02	109	11:46	58S	17:29	251	18:18
2024	Nov	16	(Sat)	05:14	06:03	109	11:46	57S	17:29	251	18:18
2024	Nov	17	(Sun)	05:15	06:03	109	11:46	57S	17:29	250	18:18
2024	Nov	18	(Mon)	05:15	06:04	110	11:47	57S	17:29	250	18:18
2024	Nov	19	(Tue)	05:15	06:04	110	11:47	57S	17:29	250	18:18
2024	Nov	20	(Wed)	05:16	06:05	110	11:47	56S	17:29	250	18:18
2024	Nov	21	(Thu)	05:16	06:05	110	11:47	56S	17:29	249	18:18
2024	Nov	22	(Fri)	05:17	06:06	111	11:47	56S	17:29	249	18:18
2024	Nov	23	(Sat)	05:17	06:06	111	11:48	56S	17:29	249	18:18
2024	Nov	24	(Sun)	05:18	06:07	111	11:48	55S	17:29	249	18:18
2024	Nov	25	(Mon)	05:18	06:07	111	11:48	55S	17:29	249	18:18
2024	Nov	26	(Tue)	05:19	06:08	111	11:49	55S	17:29	248	18:19
2024	Nov	27	(Wed)	05:19	06:08	112	11:49	55S	17:30	248	18:19
2024	Nov	28	(Thu)	05:20	06:09	112	11:49	55S	17:30	248	18:19
2024	Nov	29	(Fri)	05:20	06:09	112	11:50	55S	17:30	248	18:19
2024	Nov	30	(Sat)	05:21	06:10	112	11:50	54S	17:30	248	18:19
2024	Dec	01	(Sun)	05:21	06:11	112	11:50	54S	17:30	248	18:20
2024	Dec	02	(Mon)	05:22	06:11	113	11:51	54S	17:30	247	18:20
2024	Dec	03	(Tue)	05:22	06:12	113	11:51	54S	17:31	247	18:20
2024	Dec	04	(Wed)	05:23	06:12	113	11:52	54S	17:31	247	18:20
2024	Dec	05	(Thu)	05:23	06:13	113	11:52	54S	17:31	247	18:21
2024	Dec	06	(Fri)	05:24	06:13	113	11:52	54S	17:31	247	18:21
2024	Dec	07	(Sat)	05:24	06:14	113	11:53	53S	17:32	247	18:21
2024	Dec	08	(Sun)	05:25	06:14	113	11:53	53S	17:32	247	18:22
2024	Dec	09	(Mon)	05:25	06:15	113	11:54	53S	17:32	247	18:22
2024	Dec	10	(Tue)	05:26	06:16	114	11:54	53S	17:33	246	18:23
2024	Dec	11	(Wed)	05:26	06:16	114	11:55	53S	17:33	246	18:23
2024	Dec	12	(Thu)	05:27	06:17	114	11:55	53S	17:33	246	18:23
2024	Dec	13	(Fri)	05:27	06:17	114	11:56	53S	17:34	246	18:24

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

2024	Feb	11	(Sun)	06:05	06:27	105	12:16	62S	18:04	256	18:26
2024	Feb	12	(Mon)	06:05	06:27	104	12:16	62S	18:04	256	18:26
2024	Feb	13	(Tue)	06:04	06:26	104	12:16	63S	18:05	256	18:27
2024	Feb	14	(Wed)	06:04	06:26	104	12:15	63S	18:05	257	18:27
2024	Feb	15	(Thu)	06:04	06:26	103	12:15	63S	18:05	257	18:27
2024	Feb	16	(Fri)	06:03	06:25	103	12:15	64S	18:06	257	18:28
2024	Feb	17	(Sat)	06:03	06:25	102	12:15	64S	18:06	258	18:28
2024	Feb	18	(Sun)	06:03	06:24	102	12:15	64S	18:06	258	18:28
2024	Feb	19	(Mon)	06:02	06:24	102	12:15	65S	18:07	258	18:28
2024	Feb	20	(Tue)	06:02	06:23	101	12:15	65S	18:07	259	18:29
2024	Feb	21	(Wed)	06:01	06:23	101	12:15	65S	18:07	259	18:29
2024	Feb	22	(Thu)	06:01	06:22	101	12:15	66S	18:08	260	18:29
2024	Feb	23	(Fri)	06:00	06:22	100	12:15	66S	18:08	260	18:29
2024	Feb	24	(Sat)	06:00	06:21	100	12:15	66S	18:08	260	18:30
2024	Feb	25	(Sun)	05:59	06:21	99	12:14	67S	18:08	261	18:30
2024	Feb	26	(Mon)	05:59	06:20	99	12:14	67S	18:08	261	18:30
2024	Feb	27	(Tue)	05:58	06:20	99	12:14	68S	18:09	261	18:30
2024	Feb	28	(Wed)	05:58	06:19	98	12:14	68S	18:09	262	18:30
2024	Feb	29	(Thu)	05:57	06:19	98	12:14	68S	18:09	262	18:31
2024	Mar	01	(Fri)	05:57	06:18	98	12:14	69S	18:09	263	18:31
2024	Mar	02	(Sat)	05:56	06:17	97	12:13	69S	18:10	263	18:31
2024	Mar	03	(Sun)	05:55	06:17	97	12:13	69S	18:10	263	18:31
2024	Mar	04	(Mon)	05:55	06:16	96	12:13	70S	18:10	264	18:31
2024	Mar	05	(Tue)	05:54	06:16	96	12:13	70S	18:10	264	18:32
2024	Mar	06	(Wed)	05:54	06:15	96	12:13	71S	18:10	265	18:32
2024	Mar	07	(Thu)	05:53	06:14	95	12:12	71S	18:10	265	18:32
2024	Mar	08	(Fri)	05:52	06:14	95	12:12	71S	18:11	265	18:32
2024	Mar	09	(Sat)	05:52	06:13	94	12:12	72S	18:11	266	18:32
2024	Mar	10	(Sun)	05:51	06:12	94	12:12	72S	18:11	266	18:32
2024	Mar	11	(Mon)	05:50	06:12	94	12:11	73S	18:11	267	18:32
2024	Mar	12	(Tue)	05:50	06:11	93	12:11	73S	18:11	267	18:33
2024	Mar	13	(Wed)	05:49	06:10	93	12:11	73S	18:11	267	18:33
2024	Mar	14	(Thu)	05:48	06:10	92	12:10	74S	18:11	268	18:33
2024	Mar	15	(Fri)	05:48	06:09	92	12:10	74S	18:12	268	18:33
2024	Mar	16	(Sat)	05:47	06:08	91	12:10	75S	18:12	269	18:33
2024	Mar	17	(Sun)	05:46	06:08	91	12:10	75S	18:12	269	18:33
2024	Mar	18	(Mon)	05:45	06:07	91	12:09	75S	18:12	270	18:33
2024	Mar	19	(Tue)	05:45	06:06	90	12:09	76S	18:12	270	18:33
2024	Mar	20	(Wed)	05:44	06:05	90	12:09	76S	18:12	270	18:34
2024	Mar	21	(Thu)	05:43	06:05	89	12:08	77S	18:12	271	18:34
2024	Mar	22	(Fri)	05:43	06:04	89	12:08	77S	18:12	271	18:34
2024	Mar	23	(Sat)	05:42	06:03	89	12:08	77S	18:13	272	18:34
2024	Mar	24	(Sun)	05:41	06:03	88	12:08	78S	18:13	272	18:34
2024	Mar	25	(Mon)	05:41	06:02	88	12:07	78S	18:13	272	18:34
2024	Mar	26	(Tue)	05:40	06:01	87	12:07	79S	18:13	273	18:34
2024	Mar	27	(Wed)	05:39	06:00	87	12:07	79S	18:13	273	18:34
2024	Mar	28	(Thu)	05:38	06:00	87	12:06	79S	18:13	274	18:35
2024	Mar	29	(Fri)	05:38	05:59	86	12:06	80S	18:13	274	18:35
2024	Mar	30	(Sat)	05:37	05:58	86	12:06	80S	18:13	274	18:35
2024	Mar	31	(Sun)	05:36	05:58	85	12:05	80S	18:13	275	18:35
2024	Apr	01	(Mon)	05:35	05:57	85	12:05	81S	18:14	275	18:35
2024	Apr	02	(Tue)	05:35	05:56	85	12:05	81S	18:14	276	18:35
2024	Apr	03	(Wed)	05:34	05:56	84	12:05	82S	18:14	276	18:35
2024	Apr	04	(Thu)	05:33	05:55	84	12:04	82S	18:14	276	18:35
2024	Apr	05	(Fri)	05:33	05:54	83	12:04	82S	18:14	277	18:36
2024	Apr	06	(Sat)	05:32	05:53	83	12:04	83S	18:14	277	18:36
2024	Apr	07	(Sun)	05:31	05:53	83	12:03	83S	18:14	278	18:36
2024	Apr	08	(Mon)	05:31	05:52	82	12:03	84S	18:14	278	18:36
2024	Apr	09	(Tue)	05:30	05:51	82	12:03	84S	18:14	278	18:36
2024	Apr	10	(Wed)	05:29	05:51	81	12:03	84S	18:15	279	18:36
2024	Apr	11	(Thu)	05:28	05:50	81	12:02	85S	18:15	279	18:36
2024	Apr	12	(Fri)	05:28	05:49	81	12:02	85S	18:15	279	18:37
2024	Apr	13	(Sat)	05:27	05:49	80	12:02	85S	18:15	280	18:37
2024	Apr	14	(Sun)	05:26	05:48	80	12:02	86S	18:15	280	18:37
2024	Apr	15	(Mon)	05:26	05:48	80	12:01	86S	18:15	281	18:37
2024	Apr	16	(Tue)	05:25	05:47	79	12:01	86S	18:15	281	18:37
2024	Apr	17	(Wed)	05:24	05:46	79	12:01	87S	18:16	281	18:37
2024	Apr	18	(Thu)	05:24	05:46	79	12:01	87S	18:16	282	18:38
2024	Apr	19	(Fri)	05:23	05:45	78	12:00	87S	18:16	282	18:38
2024	Apr	20	(Sat)	05:23	05:45	78	12:00	88S	18:16	282	18:38
2024	Apr	21	(Sun)	05:22	05:44	77	12:00	88S	18:16	283	18:38
2024	Apr	22	(Mon)	05:21	05:43	77	12:00	88S	18:16	283	18:38

2024	Apr	23	(Tue)	05:21	05:43	77	12:00	89S	18:17	283	18:39
2024	Apr	24	(Wed)	05:20	05:42	76	11:59	89S	18:17	284	18:39
2024	Apr	25	(Thu)	05:20	05:42	76	11:59	89S	18:17	284	18:39
2024	Apr	26	(Fri)	05:19	05:41	76	11:59	90S	18:17	284	18:39
2024	Apr	27	(Sat)	05:19	05:41	75	11:59	90S	18:17	285	18:40
2024	Apr	28	(Sun)	05:18	05:40	75	11:59	90S	18:18	285	18:40
2024	Apr	29	(Mon)	05:17	05:40	75	11:59	91N	18:18	285	18:40
2024	Apr	30	(Tue)	05:17	05:39	74	11:59	90N	18:18	286	18:40
2024	May	01	(Wed)	05:16	05:39	74	11:58	90N	18:18	286	18:41
2024	May	02	(Thu)	05:16	05:38	74	11:58	90N	18:18	286	18:41
2024	May	03	(Fri)	05:15	05:38	73	11:58	89N	18:19	287	18:41
2024	May	04	(Sat)	05:15	05:37	73	11:58	89N	18:19	287	18:41
2024	May	05	(Sun)	05:15	05:37	73	11:58	89N	18:19	287	18:42
2024	May	06	(Mon)	05:14	05:37	73	11:58	89N	18:19	288	18:42
2024	May	07	(Tue)	05:14	05:36	72	11:58	88N	18:20	288	18:42
2024	May	08	(Wed)	05:13	05:36	72	11:58	88N	18:20	288	18:43
2024	May	09	(Thu)	05:13	05:35	72	11:58	88N	18:20	288	18:43
2024	May	10	(Fri)	05:12	05:35	71	11:58	88N	18:21	289	18:43
2024	May	11	(Sat)	05:12	05:35	71	11:58	87N	18:21	289	18:43
2024	May	12	(Sun)	05:12	05:34	71	11:58	87N	18:21	289	18:44
2024	May	13	(Mon)	05:11	05:34	71	11:58	87N	18:21	289	18:44
2024	May	14	(Tue)	05:11	05:34	70	11:58	87N	18:22	290	18:44
2024	May	15	(Wed)	05:11	05:34	70	11:58	86N	18:22	290	18:45
2024	May	16	(Thu)	05:10	05:33	70	11:58	86N	18:22	290	18:45
2024	May	17	(Fri)	05:10	05:33	70	11:58	86N	18:23	290	18:45
2024	May	18	(Sat)	05:10	05:33	69	11:58	86N	18:23	291	18:46
2024	May	19	(Sun)	05:10	05:33	69	11:58	85N	18:23	291	18:46
2024	May	20	(Mon)	05:09	05:32	69	11:58	85N	18:23	291	18:46
2024	May	21	(Tue)	05:09	05:32	69	11:58	85N	18:24	291	18:47
2024	May	22	(Wed)	05:09	05:32	69	11:58	85N	18:24	291	18:47
2024	May	23	(Thu)	05:09	05:32	68	11:58	85N	18:24	292	18:48
2024	May	24	(Fri)	05:09	05:32	68	11:58	84N	18:25	292	18:48
2024	May	25	(Sat)	05:08	05:32	68	11:58	84N	18:25	292	18:48
2024	May	26	(Sun)	05:08	05:32	68	11:58	84N	18:25	292	18:49
2024	May	27	(Mon)	05:08	05:31	68	11:59	84N	18:26	292	18:49
2024	May	28	(Tue)	05:08	05:31	68	11:59	84N	18:26	293	18:49
2024	May	29	(Wed)	05:08	05:31	67	11:59	84N	18:26	293	18:50
2024	May	30	(Thu)	05:08	05:31	67	11:59	83N	18:27	293	18:50
2024	May	31	(Fri)	05:08	05:31	67	11:59	83N	18:27	293	18:50
2024	Jun	01	(Sat)	05:08	05:31	67	11:59	83N	18:27	293	18:51
2024	Jun	02	(Sun)	05:08	05:31	67	11:59	83N	18:28	293	18:51
2024	Jun	03	(Mon)	05:08	05:31	67	12:00	83N	18:28	293	18:51
2024	Jun	04	(Tue)	05:08	05:31	67	12:00	83N	18:28	294	18:52
2024	Jun	05	(Wed)	05:08	05:31	66	12:00	83N	18:29	294	18:52
2024	Jun	06	(Thu)	05:08	05:31	66	12:00	83N	18:29	294	18:52
2024	Jun	07	(Fri)	05:08	05:31	66	12:00	82N	18:29	294	18:53
2024	Jun	08	(Sat)	05:08	05:31	66	12:00	82N	18:29	294	18:53
2024	Jun	09	(Sun)	05:08	05:32	66	12:01	82N	18:30	294	18:53
2024	Jun	10	(Mon)	05:08	05:32	66	12:01	82N	18:30	294	18:54
2024	Jun	11	(Tue)	05:08	05:32	66	12:01	82N	18:30	294	18:54
2024	Jun	12	(Wed)	05:08	05:32	66	12:01	82N	18:31	294	18:54
2024	Jun	13	(Thu)	05:08	05:32	66	12:01	82N	18:31	294	18:55
2024	Jun	14	(Fri)	05:09	05:32	66	12:02	82N	18:31	294	18:55
2024	Jun	15	(Sat)	05:09	05:32	66	12:02	82N	18:31	294	18:55
2024	Jun	16	(Sun)	05:09	05:33	66	12:02	82N	18:32	294	18:55
2024	Jun	17	(Mon)	05:09	05:33	66	12:02	82N	18:32	294	18:56
2024	Jun	18	(Tue)	05:09	05:33	66	12:03	82N	18:32	294	18:56
2024	Jun	19	(Wed)	05:09	05:33	66	12:03	82N	18:32	294	18:56
2024	Jun	20	(Thu)	05:10	05:33	65	12:03	82N	18:33	295	18:56
2024	Jun	21	(Fri)	05:10	05:33	65	12:03	82N	18:33	295	18:57
2024	Jun	22	(Sat)	05:10	05:34	65	12:03	82N	18:33	294	18:57
2024	Jun	23	(Sun)	05:10	05:34	66	12:04	82N	18:33	294	18:57
2024	Jun	24	(Mon)	05:11	05:34	66	12:04	82N	18:33	294	18:57
2024	Jun	25	(Tue)	05:11	05:34	66	12:04	82N	18:34	294	18:57
2024	Jun	26	(Wed)	05:11	05:35	66	12:04	82N	18:34	294	18:57
2024	Jun	27	(Thu)	05:11	05:35	66	12:04	82N	18:34	294	18:58
2024	Jun	28	(Fri)	05:12	05:35	66	12:05	82N	18:34	294	18:58
2024	Jun	29	(Sat)	05:12	05:35	66	12:05	82N	18:34	294	18:58
2024	Jun	30	(Sun)	05:12	05:36	66	12:05	82N	18:34	294	18:58
2024	Jul	01	(Mon)	05:12	05:36	66	12:05	82N	18:34	294	18:58
2024	Jul	02	(Tue)	05:13	05:36	66	12:05	82N	18:35	294	18:58
2024	Jul	03	(Wed)	05:13	05:37	66	12:06	82N	18:35	294	18:58

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

2024	Sep	14	(Sat)	05:29	05:50	86	11:57	79S	18:03	273	18:25
2024	Sep	15	(Sun)	05:29	05:50	87	11:56	79S	18:03	273	18:24
2024	Sep	16	(Mon)	05:29	05:50	87	11:56	79S	18:02	273	18:23
2024	Sep	17	(Tue)	05:29	05:50	88	11:56	78S	18:01	272	18:23
2024	Sep	18	(Wed)	05:29	05:50	88	11:55	78S	18:00	272	18:22
2024	Sep	19	(Thu)	05:29	05:50	88	11:55	77S	18:00	271	18:21
2024	Sep	20	(Fri)	05:29	05:50	89	11:55	77S	17:59	271	18:20
2024	Sep	21	(Sat)	05:29	05:50	89	11:54	77S	17:58	271	18:19
2024	Sep	22	(Sun)	05:29	05:50	90	11:54	76S	17:57	270	18:19
2024	Sep	23	(Mon)	05:29	05:50	90	11:54	76S	17:57	270	18:18
2024	Sep	24	(Tue)	05:29	05:50	90	11:53	75S	17:56	269	18:17
2024	Sep	25	(Wed)	05:29	05:51	91	11:53	75S	17:55	269	18:16
2024	Sep	26	(Thu)	05:29	05:51	91	11:53	75S	17:54	269	18:16
2024	Sep	27	(Fri)	05:29	05:51	92	11:52	74S	17:54	268	18:15
2024	Sep	28	(Sat)	05:29	05:51	92	11:52	74S	17:53	268	18:14
2024	Sep	29	(Sun)	05:29	05:51	92	11:52	74S	17:52	267	18:13
2024	Sep	30	(Mon)	05:30	05:51	93	11:51	73S	17:51	267	18:13
2024	Oct	01	(Tue)	05:30	05:51	93	11:51	73S	17:51	267	18:12
2024	Oct	02	(Wed)	05:30	05:51	94	11:51	72S	17:50	266	18:11
2024	Oct	03	(Thu)	05:30	05:51	94	11:50	72S	17:49	266	18:11
2024	Oct	04	(Fri)	05:30	05:51	94	11:50	72S	17:49	265	18:10
2024	Oct	05	(Sat)	05:30	05:51	95	11:50	71S	17:48	265	18:09
2024	Oct	06	(Sun)	05:30	05:51	95	11:49	71S	17:47	265	18:09
2024	Oct	07	(Mon)	05:30	05:52	96	11:49	70S	17:46	264	18:08
2024	Oct	08	(Tue)	05:30	05:52	96	11:49	70S	17:46	264	18:07
2024	Oct	09	(Wed)	05:30	05:52	96	11:49	70S	17:45	263	18:07
2024	Oct	10	(Thu)	05:30	05:52	97	11:48	69S	17:44	263	18:06
2024	Oct	11	(Fri)	05:31	05:52	97	11:48	69S	17:44	263	18:05
2024	Oct	12	(Sat)	05:31	05:52	98	11:48	69S	17:43	262	18:05
2024	Oct	13	(Sun)	05:31	05:52	98	11:48	68S	17:42	262	18:04
2024	Oct	14	(Mon)	05:31	05:52	98	11:47	68S	17:42	262	18:03
2024	Oct	15	(Tue)	05:31	05:53	99	11:47	67S	17:41	261	18:03
2024	Oct	16	(Wed)	05:31	05:53	99	11:47	67S	17:41	261	18:02
2024	Oct	17	(Thu)	05:31	05:53	99	11:47	67S	17:40	260	18:02
2024	Oct	18	(Fri)	05:32	05:53	100	11:46	66S	17:39	260	18:01
2024	Oct	19	(Sat)	05:32	05:53	100	11:46	66S	17:39	260	18:01
2024	Oct	20	(Sun)	05:32	05:54	101	11:46	66S	17:38	259	18:00
2024	Oct	21	(Mon)	05:32	05:54	101	11:46	65S	17:38	259	18:00
2024	Oct	22	(Tue)	05:32	05:54	101	11:46	65S	17:37	259	17:59
2024	Oct	23	(Wed)	05:32	05:54	102	11:46	65S	17:37	258	17:59
2024	Oct	24	(Thu)	05:33	05:54	102	11:45	64S	17:36	258	17:58
2024	Oct	25	(Fri)	05:33	05:55	102	11:45	64S	17:36	257	17:58
2024	Oct	26	(Sat)	05:33	05:55	103	11:45	64S	17:35	257	17:57
2024	Oct	27	(Sun)	05:33	05:55	103	11:45	63S	17:35	257	17:57
2024	Oct	28	(Mon)	05:34	05:56	103	11:45	63S	17:34	256	17:56
2024	Oct	29	(Tue)	05:34	05:56	104	11:45	63S	17:34	256	17:56
2024	Oct	30	(Wed)	05:34	05:56	104	11:45	62S	17:34	256	17:56
2024	Oct	31	(Thu)	05:34	05:56	104	11:45	62S	17:33	255	17:55
2024	Nov	01	(Fri)	05:35	05:57	105	11:45	62S	17:33	255	17:55
2024	Nov	02	(Sat)	05:35	05:57	105	11:45	61S	17:32	255	17:55
2024	Nov	03	(Sun)	05:35	05:57	105	11:45	61S	17:32	254	17:54
2024	Nov	04	(Mon)	05:36	05:58	106	11:45	61S	17:32	254	17:54
2024	Nov	05	(Tue)	05:36	05:58	106	11:45	60S	17:32	254	17:54
2024	Nov	06	(Wed)	05:36	05:59	106	11:45	60S	17:31	253	17:53
2024	Nov	07	(Thu)	05:37	05:59	107	11:45	60S	17:31	253	17:53
2024	Nov	08	(Fri)	05:37	05:59	107	11:45	59S	17:31	253	17:53
2024	Nov	09	(Sat)	05:37	06:00	107	11:45	59S	17:30	253	17:53
2024	Nov	10	(Sun)	05:38	06:00	108	11:45	59S	17:30	252	17:53
2024	Nov	11	(Mon)	05:38	06:01	108	11:45	59S	17:30	252	17:52
2024	Nov	12	(Tue)	05:39	06:01	108	11:45	58S	17:30	252	17:52
2024	Nov	13	(Wed)	05:39	06:01	108	11:46	58S	17:30	251	17:52
2024	Nov	14	(Thu)	05:39	06:02	109	11:46	58S	17:30	251	17:52
2024	Nov	15	(Fri)	05:40	06:02	109	11:46	58S	17:29	251	17:52
2024	Nov	16	(Sat)	05:40	06:03	109	11:46	57S	17:29	251	17:52
2024	Nov	17	(Sun)	05:41	06:03	109	11:46	57S	17:29	250	17:52
2024	Nov	18	(Mon)	05:41	06:04	110	11:47	57S	17:29	250	17:52
2024	Nov	19	(Tue)	05:42	06:04	110	11:47	57S	17:29	250	17:52
2024	Nov	20	(Wed)	05:42	06:05	110	11:47	56S	17:29	250	17:52
2024	Nov	21	(Thu)	05:42	06:05	110	11:47	56S	17:29	249	17:52
2024	Nov	22	(Fri)	05:43	06:06	111	11:47	56S	17:29	249	17:52
2024	Nov	23	(Sat)	05:43	06:06	111	11:48	56S	17:29	249	17:52
2024	Nov	24	(Sun)	05:44	06:07	111	11:48	55S	17:29	249	17:52

2024	Nov	25	(Mon)	05:44	06:07	111	11:48	55S	17:29	249	17:52
2024	Nov	26	(Tue)	05:45	06:08	111	11:49	55S	17:29	248	17:52
2024	Nov	27	(Wed)	05:45	06:08	112	11:49	55S	17:30	248	17:52
2024	Nov	28	(Thu)	05:46	06:09	112	11:49	55S	17:30	248	17:53
2024	Nov	29	(Fri)	05:46	06:09	112	11:50	55S	17:30	248	17:53
2024	Nov	30	(Sat)	05:47	06:10	112	11:50	54S	17:30	248	17:53
2024	Dec	01	(Sun)	05:48	06:11	112	11:50	54S	17:30	248	17:53
2024	Dec	02	(Mon)	05:48	06:11	113	11:51	54S	17:30	247	17:53
2024	Dec	03	(Tue)	05:49	06:12	113	11:51	54S	17:31	247	17:54
2024	Dec	04	(Wed)	05:49	06:12	113	11:52	54S	17:31	247	17:54
2024	Dec	05	(Thu)	05:50	06:13	113	11:52	54S	17:31	247	17:54
2024	Dec	06	(Fri)	05:50	06:13	113	11:52	54S	17:31	247	17:55
2024	Dec	07	(Sat)	05:51	06:14	113	11:53	53S	17:32	247	17:55
2024	Dec	08	(Sun)	05:51	06:14	113	11:53	53S	17:32	247	17:55
2024	Dec	09	(Mon)	05:52	06:15	113	11:54	53S	17:32	247	17:56
2024	Dec	10	(Tue)	05:52	06:16	114	11:54	53S	17:33	246	17:56
2024	Dec	11	(Wed)	05:53	06:16	114	11:55	53S	17:33	246	17:56
2024	Dec	12	(Thu)	05:54	06:17	114	11:55	53S	17:33	246	17:57
2024	Dec	13	(Fri)	05:54	06:17	114	11:56	53S	17:34	246	17:57
2024	Dec	14	(Sat)	05:55	06:18	114	11:56	53S	17:34	246	17:57
2024	Dec	15	(Sun)	05:55	06:18	114	11:57	53S	17:35	246	17:58
2024	Dec	16	(Mon)	05:56	06:19	114	11:57	53S	17:35	246	17:58
2024	Dec	17	(Tue)	05:56	06:19	114	11:58	53S	17:36	246	17:59
2024	Dec	18	(Wed)	05:57	06:20	114	11:58	53S	17:36	246	17:59
2024	Dec	19	(Thu)	05:57	06:20	114	11:58	53S	17:36	246	18:00
2024	Dec	20	(Fri)	05:58	06:21	114	11:59	53S	17:37	246	18:00
2024	Dec	21	(Sat)	05:58	06:21	114	11:59	53S	17:37	246	18:01
2024	Dec	22	(Sun)	05:59	06:22	114	12:00	53S	17:38	246	18:01
2024	Dec	23	(Mon)	05:59	06:22	114	12:00	53S	17:38	246	18:02
2024	Dec	24	(Tue)	06:00	06:23	114	12:01	53S	17:39	246	18:02
2024	Dec	25	(Wed)	06:00	06:23	114	12:01	53S	17:40	246	18:03
2024	Dec	26	(Thu)	06:01	06:24	114	12:02	53S	17:40	246	18:03
2024	Dec	27	(Fri)	06:01	06:24	114	12:02	53S	17:41	246	18:04
2024	Dec	28	(Sat)	06:02	06:25	114	12:03	53S	17:41	246	18:04
2024	Dec	29	(Sun)	06:02	06:25	114	12:03	53S	17:42	246	18:05
2024	Dec	30	(Mon)	06:02	06:26	114	12:04	53S	17:42	246	18:05
2024	Dec	31	(Tue)	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	°
2024 Jan 01 (Mon)	22:13	80		03:52	89S		10:15	282	
2024 Jan 02 (Tue)	22:58	86		04:32	84S		10:49	277	
2024 Jan 03 (Wed)	23:43	92		05:12	78S		11:22	271	
2024 Jan 04 (Thu)				05:51	72S		11:55	265	
2024 Jan 05 (Fri)	00:30	98		06:31	67S		12:29	259	
2024 Jan 06 (Sat)	01:18	104		07:14	61S		13:07	253	
2024 Jan 07 (Sun)	02:10	109		08:01	56S		13:49	248	
2024 Jan 08 (Mon)	03:06	114		08:52	52S		14:37	244	
2024 Jan 09 (Tue)	04:06	117		09:49	49S		15:31	242	
2024 Jan 10 (Wed)	05:09	119		10:51	47S		16:32	241	
2024 Jan 11 (Thu)	06:12	119		11:55	48S		17:38	242	
2024 Jan 12 (Fri)	07:12	116		12:57	51S		18:45	246	
2024 Jan 13 (Sat)	08:07	112		13:57	56S		19:50	251	
2024 Jan 14 (Sun)	08:57	106		14:52	62S		20:51	257	
2024 Jan 15 (Mon)	09:42	99		15:44	69S		21:50	264	
2024 Jan 16 (Tue)	10:23	92		16:33	76S		22:46	272	
2024 Jan 17 (Wed)	11:04	85		17:20	83S		23:41	279	
2024 Jan 18 (Thu)	11:44	78		18:08	89S				
2024 Jan 19 (Fri)	12:27	72		18:58	87N		00:36	285	
2024 Jan 20 (Sat)	13:12	67		19:49	82N		01:32	291	
2024 Jan 21 (Sun)	14:00	63		20:43	79N		02:30	295	
2024 Jan 22 (Mon)	14:52	61		21:38	77N		03:28	298	
2024 Jan 23 (Tue)	15:47	61		22:33	77N		04:25	299	

2024	Jan	24	(Wed)	16:43	62	23:27	79N	05:19	299
2024	Jan	25	(Thu)	17:37	65			06:09	297
2024	Jan	26	(Fri)	18:30	68	00:17	81N	06:55	294
2024	Jan	27	(Sat)	19:20	73	01:04	85N	07:36	289
2024	Jan	28	(Sun)	20:08	78	01:48	90N	08:13	284
2024	Jan	29	(Mon)	20:53	84	02:29	86S	08:48	279
2024	Jan	30	(Tue)	21:38	90	03:09	80S	09:21	273
2024	Jan	31	(Wed)	22:24	96	03:48	74S	09:54	267
2024	Feb	01	(Thu)	23:10	102	04:27	69S	10:27	261
2024	Feb	02	(Fri)	23:59	107	05:08	63S	11:03	255
2024	Feb	03	(Sat)			05:52	58S	11:41	250
2024	Feb	04	(Sun)	00:52	112	06:40	53S	12:25	246
2024	Feb	05	(Mon)	01:49	116	07:33	50S	13:15	243
2024	Feb	06	(Tue)	02:49	119	08:31	48S	14:12	241
2024	Feb	07	(Wed)	03:51	119	09:33	47S	15:15	241
2024	Feb	08	(Thu)	04:53	118	10:36	49S	16:21	243
2024	Feb	09	(Fri)	05:51	114	11:38	53S	17:28	248
2024	Feb	10	(Sat)	06:44	109	12:36	59S	18:32	254
2024	Feb	11	(Sun)	07:32	103	13:31	65S	19:34	261
2024	Feb	12	(Mon)	08:16	95	14:23	73S	20:33	269
2024	Feb	13	(Tue)	08:59	88	15:13	80S	21:31	276
2024	Feb	14	(Wed)	09:41	80	16:03	87S	22:28	283
2024	Feb	15	(Thu)	10:24	74	16:53	88N	23:26	289
2024	Feb	16	(Fri)	11:09	68	17:45	83N		
2024	Feb	17	(Sat)	11:57	64	18:39	79N	00:24	294
2024	Feb	18	(Sun)	12:49	62	19:34	77N	01:23	297
2024	Feb	19	(Mon)	13:42	61	20:29	77N	02:21	299
2024	Feb	20	(Tue)	14:38	61	21:23	78N	03:16	299
2024	Feb	21	(Wed)	15:32	63	22:14	80N	04:07	298
2024	Feb	22	(Thu)	16:25	67	23:02	84N	04:53	295
2024	Feb	23	(Fri)	17:16	71	23:46	89N	05:35	291
2024	Feb	24	(Sat)	18:04	77			06:13	286
2024	Feb	25	(Sun)	18:50	82	00:28	88S	06:49	281
2024	Feb	26	(Mon)	19:35	88	01:08	82S	07:22	275
2024	Feb	27	(Tue)	20:20	94	01:47	76S	07:55	269
2024	Feb	28	(Wed)	21:06	100	02:26	70S	08:28	263
2024	Feb	29	(Thu)	21:54	106	03:06	65S	09:02	257
2024	Mar	01	(Fri)	22:45	111	03:48	59S	09:39	252
2024	Mar	02	(Sat)	23:39	115	04:34	55S	10:20	247
2024	Mar	03	(Sun)			05:23	51S	11:06	243
2024	Mar	04	(Mon)	00:36	118	06:18	48S	11:58	241
2024	Mar	05	(Tue)	01:36	119	07:16	47S	12:57	240
2024	Mar	06	(Wed)	02:35	119	08:17	48S	13:59	242
2024	Mar	07	(Thu)	03:33	117	09:18	51S	15:04	245
2024	Mar	08	(Fri)	04:28	112	10:17	55S	16:09	250
2024	Mar	09	(Sat)	05:18	106	11:13	61S	17:12	257
2024	Mar	10	(Sun)	06:04	99	12:07	69S	18:13	265
2024	Mar	11	(Mon)	06:48	92	12:59	76S	19:13	272
2024	Mar	12	(Tue)	07:31	84	13:50	84S	20:12	280
2024	Mar	13	(Wed)	08:15	77	14:42	91	21:12	287
2024	Mar	14	(Thu)	09:01	70	15:35	85N	22:13	292
2024	Mar	15	(Fri)	09:50	66	16:30	80N	23:13	296
2024	Mar	16	(Sat)	10:42	62	17:27	78N		
2024	Mar	17	(Sun)	11:36	61	18:23	77N	00:13	299
2024	Mar	18	(Mon)	12:32	61	19:18	77N	01:11	300
2024	Mar	19	(Tue)	13:27	63	20:11	79N	02:04	298
2024	Mar	20	(Wed)	14:21	66	20:59	83N	02:52	296
2024	Mar	21	(Thu)	15:12	70	21:45	87N	03:35	292
2024	Mar	22	(Fri)	16:01	75	22:27	89S	04:14	288
2024	Mar	23	(Sat)	16:48	80	23:07	84S	04:50	282
2024	Mar	24	(Sun)	17:33	86	23:46	78S	05:24	277
2024	Mar	25	(Mon)	18:18	92			05:56	271
2024	Mar	26	(Tue)	19:04	98	00:25	72S	06:29	265
2024	Mar	27	(Wed)	19:51	104	01:05	66S	07:03	259
2024	Mar	28	(Thu)	20:41	109	01:47	61S	07:39	253
2024	Mar	29	(Fri)	21:34	114	02:31	56S	08:19	248
2024	Mar	30	(Sat)	22:29	117	03:19	52S	09:03	244
2024	Mar	31	(Sun)	23:27	119	04:12	49S	09:53	242
2024	Apr	01	(Mon)			05:07	47S	10:47	240
2024	Apr	02	(Tue)	00:26	120	06:06	47S	11:47	241
2024	Apr	03	(Wed)	01:23	118	07:05	49S	12:49	243
2024	Apr	04	(Thu)	02:16	114	08:03	53S	13:52	248

2024 Apr 05 (Fri)	03:06 109	08:58 58S	14:53 254
2024 Apr 06 (Sat)	03:53 103	09:51 65S	15:54 261
2024 Apr 07 (Sun)	04:37 96	10:43 72S	16:53 268
2024 Apr 08 (Mon)	05:20 88	11:34 80S	17:52 276
2024 Apr 09 (Tue)	06:03 80	12:26 87S	18:52 283
2024 Apr 10 (Wed)	06:49 74	13:19 88N	19:54 290
2024 Apr 11 (Thu)	07:37 68	14:15 82N	20:56 295
2024 Apr 12 (Fri)	08:29 63	15:13 79N	21:59 298
2024 Apr 13 (Sat)	09:25 61	16:12 77N	23:00 300
2024 Apr 14 (Sun)	10:22 60	17:09 77N	23:56 299
2024 Apr 15 (Mon)	11:19 62	18:04 78N	
2024 Apr 16 (Tue)	12:15 64	18:55 81N	00:47 297
2024 Apr 17 (Wed)	13:07 68	19:42 85N	01:33 294
2024 Apr 18 (Thu)	13:57 73	20:25 90N	02:13 289
2024 Apr 19 (Fri)	14:44 78	21:06 86S	02:50 284
2024 Apr 20 (Sat)	15:30 84	21:45 80S	03:25 279
2024 Apr 21 (Sun)	16:15 90	22:24 74S	03:58 273
2024 Apr 22 (Mon)	17:01 96	23:04 68S	04:30 267
2024 Apr 23 (Tue)	17:47 102	23:45 63S	05:04 261
2024 Apr 24 (Wed)	18:37 108		05:39 255
2024 Apr 25 (Thu)	19:29 112	00:29 57S	06:18 250
2024 Apr 26 (Fri)	20:24 116	01:16 53S	07:01 246
2024 Apr 27 (Sat)	21:22 119	02:08 49S	07:49 242
2024 Apr 28 (Sun)	22:20 120	03:03 47S	08:43 241
2024 Apr 29 (Mon)	23:17 119	04:00 47S	09:41 241
2024 Apr 30 (Tue)		04:59 48S	10:41 242
2024 May 01 (Wed)	00:11 116	05:56 52S	11:43 246
2024 May 02 (Thu)	01:01 111	06:50 56S	12:43 251
2024 May 03 (Fri)	01:47 106	07:42 62S	13:41 258
2024 May 04 (Sat)	02:30 99	08:33 69S	14:39 265
2024 May 05 (Sun)	03:12 92	09:22 76S	15:36 272
2024 May 06 (Mon)	03:54 84	10:12 84S	16:34 280
2024 May 07 (Tue)	04:37 77	11:04 90S	17:34 287
2024 May 08 (Wed)	05:24 71	11:58 85N	18:36 292
2024 May 09 (Thu)	06:14 65	12:56 80N	19:40 297
2024 May 10 (Fri)	07:09 62	13:55 78N	20:43 299
2024 May 11 (Sat)	08:07 61	14:55 77N	21:43 299
2024 May 12 (Sun)	09:06 61	15:52 77N	22:37 298
2024 May 13 (Mon)	10:04 63	16:46 80N	23:26 295
2024 May 14 (Tue)	10:59 67	17:36 84N	
2024 May 15 (Wed)	11:50 71	18:21 88N	00:10 291
2024 May 16 (Thu)	12:39 76	19:03 88S	00:49 286
2024 May 17 (Fri)	13:25 82	19:43 82S	01:24 281
2024 May 18 (Sat)	14:10 88	20:22 76S	01:57 275
2024 May 19 (Sun)	14:56 94	21:01 71S	02:30 269
2024 May 20 (Mon)	15:42 100	21:41 65S	03:03 263
2024 May 21 (Tue)	16:30 106	22:24 59S	03:38 257
2024 May 22 (Wed)	17:22 111	23:11 54S	04:16 252
2024 May 23 (Thu)	18:17 115		04:58 247
2024 May 24 (Fri)	19:15 118	00:02 51S	05:45 243
2024 May 25 (Sat)	20:14 119	00:56 48S	06:37 241
2024 May 26 (Sun)	21:12 119	01:54 47S	07:35 241
2024 May 27 (Mon)	22:08 117	02:53 48S	08:35 242
2024 May 28 (Tue)	22:59 113	03:51 51S	09:37 245
2024 May 29 (Wed)	23:45 107	04:47 55S	10:37 250
2024 May 30 (Thu)		05:39 60S	11:36 256
2024 May 31 (Fri)	00:28 101	06:29 67S	12:32 262
2024 Jun 01 (Sat)	01:09 94	07:17 74S	13:28 270
2024 Jun 02 (Sun)	01:50 87	08:05 81S	14:23 277
2024 Jun 03 (Mon)	02:31 80	08:54 88S	15:21 284
2024 Jun 04 (Tue)	03:15 73	09:46 87N	16:20 290
2024 Jun 05 (Wed)	04:03 68	10:41 82N	17:22 295
2024 Jun 06 (Thu)	04:55 63	11:39 79N	18:25 298
2024 Jun 07 (Fri)	05:52 61	12:39 77N	19:27 299
2024 Jun 08 (Sat)	06:51 61	13:38 77N	20:25 299
2024 Jun 09 (Sun)	07:50 62	14:34 79N	21:17 296
2024 Jun 10 (Mon)	08:47 65	15:27 82N	22:03 293
2024 Jun 11 (Tue)	09:41 69	16:14 86N	22:44 288
2024 Jun 12 (Wed)	10:31 74	16:58 90S	23:22 283
2024 Jun 13 (Thu)	11:19 80	17:39 84S	23:56 277
2024 Jun 14 (Fri)	12:04 86	18:18 79S	
2024 Jun 15 (Sat)	12:49 92	18:57 73S	00:29 271

2024	Jun	16	(Sun)	13:35	98	19:37	67S	01:01	265
2024	Jun	17	(Mon)	14:22	104	20:18	61S	01:35	259
2024	Jun	18	(Tue)	15:12	109	21:03	56S	02:12	254
2024	Jun	19	(Wed)	16:06	113	21:52	52S	02:52	249
2024	Jun	20	(Thu)	17:03	117	22:46	49S	03:37	245
2024	Jun	21	(Fri)	18:03	119	23:44	47S	04:27	242
2024	Jun	22	(Sat)	19:03	119			05:24	241
2024	Jun	23	(Sun)	20:00	118	00:44	47S	06:25	241
2024	Jun	24	(Mon)	20:54	114	01:43	50S	07:28	244
2024	Jun	25	(Tue)	21:43	109	02:41	53S	08:30	248
2024	Jun	26	(Wed)	22:28	103	03:35	59S	09:30	254
2024	Jun	27	(Thu)	23:09	96	04:26	65S	10:28	261
2024	Jun	28	(Fri)	23:50	89	05:15	72S	11:24	268
2024	Jun	29	(Sat)			06:02	79S	12:19	275
2024	Jun	30	(Sun)	00:30	82	06:50	86S	13:14	282
2024	Jul	01	(Mon)	01:12	75	07:40	89N	14:12	288
2024	Jul	02	(Tue)	01:57	69	08:33	84N	15:12	293
2024	Jul	03	(Wed)	02:47	65	09:29	80N	16:13	297
2024	Jul	04	(Thu)	03:41	62	10:27	77N	17:14	299
2024	Jul	05	(Fri)	04:38	61	11:26	77N	18:13	299
2024	Jul	06	(Sat)	05:37	61	12:23	78N	19:07	297
2024	Jul	07	(Sun)	06:35	64	13:17	81N	19:56	294
2024	Jul	08	(Mon)	07:31	68	14:07	85N	20:39	290
2024	Jul	09	(Tue)	08:23	72	14:52	90N	21:18	285
2024	Jul	10	(Wed)	09:12	78	15:34	86S	21:54	279
2024	Jul	11	(Thu)	09:58	84	16:14	81S	22:27	273
2024	Jul	12	(Fri)	10:43	90	16:53	75S	23:00	267
2024	Jul	13	(Sat)	11:28	96	17:32	69S	23:33	262
2024	Jul	14	(Sun)	12:14	101	18:12	63S		
2024	Jul	15	(Mon)	13:03	107	18:55	58S	00:08	256
2024	Jul	16	(Tue)	13:54	112	19:42	54S	00:45	251
2024	Jul	17	(Wed)	14:49	116	20:33	50S	01:28	246
2024	Jul	18	(Thu)	15:47	118	21:29	48S	02:16	243
2024	Jul	19	(Fri)	16:48	119	22:28	47S	03:10	241
2024	Jul	20	(Sat)	17:47	119	23:29	48S	04:09	241
2024	Jul	21	(Sun)	18:44	116			05:13	243
2024	Jul	22	(Mon)	19:36	111	00:29	52S	06:17	246
2024	Jul	23	(Tue)	20:23	105	01:26	57S	07:19	252
2024	Jul	24	(Wed)	21:07	98	02:20	63S	08:20	258
2024	Jul	25	(Thu)	21:49	91	03:10	70S	09:17	265
2024	Jul	26	(Fri)	22:30	84	03:59	77S	10:14	273
2024	Jul	27	(Sat)	23:11	77	04:48	84S	11:10	280
2024	Jul	28	(Sun)	23:56	71	05:37	91S	12:07	287
2024	Jul	29	(Mon)			06:29	85N	13:06	292
2024	Jul	30	(Tue)	00:43	66	07:23	81N	14:06	296
2024	Jul	31	(Wed)	01:35	62	08:20	78N	15:07	299
2024	Aug	01	(Thu)	02:31	61	09:18	77N	16:06	299
2024	Aug	02	(Fri)	03:28	61	10:15	77N	17:01	298
2024	Aug	03	(Sat)	04:26	63	11:10	79N	17:51	296
2024	Aug	04	(Sun)	05:22	66	12:00	83N	18:36	292
2024	Aug	05	(Mon)	06:15	71	12:47	88N	19:16	287
2024	Aug	06	(Tue)	07:05	76	13:30	88S	19:52	281
2024	Aug	07	(Wed)	07:53	81	14:11	83S	20:26	276
2024	Aug	08	(Thu)	08:38	87	14:50	77S	20:59	270
2024	Aug	09	(Fri)	09:23	93	15:29	71S	21:32	264
2024	Aug	10	(Sat)	10:09	99	16:08	65S	22:05	258
2024	Aug	11	(Sun)	10:55	105	16:50	60S	22:41	253
2024	Aug	12	(Mon)	11:45	110	17:34	55S	23:21	248
2024	Aug	13	(Tue)	12:37	114	18:22	51S		
2024	Aug	14	(Wed)	13:33	118	19:15	48S	00:05	244
2024	Aug	15	(Thu)	14:31	119	20:12	47S	00:56	241
2024	Aug	16	(Fri)	15:31	119	21:12	47S	01:52	240
2024	Aug	17	(Sat)	16:29	117	22:12	50S	02:53	241
2024	Aug	18	(Sun)	17:23	114	23:11	54S	03:57	244
2024	Aug	19	(Mon)	18:13	108			05:01	249
2024	Aug	20	(Tue)	18:59	101	00:07	60S	06:04	255
2024	Aug	21	(Wed)	19:43	94	01:00	67S	07:04	262
2024	Aug	22	(Thu)	20:25	86	01:51	74S	08:03	270
2024	Aug	23	(Fri)	21:08	79	02:41	81S	09:01	278
2024	Aug	24	(Sat)	21:53	72	03:32	89S	10:00	285
2024	Aug	25	(Sun)	22:40	67	04:24	87N	10:59	291
2024	Aug	26	(Mon)	23:31	63	05:19	82N	12:00	295

2024 Aug 27 (Tue)		06:15 78N	13:01 298
2024 Aug 28 (Wed)	00:26 61	07:13 77N	14:01 300
2024 Aug 29 (Thu)	01:23 60	08:11 77N	14:57 299
2024 Aug 30 (Fri)	02:21 62	09:05 79N	15:48 297
2024 Aug 31 (Sat)	03:17 65	09:57 82N	16:34 293
2024 Sep 01 (Sun)	04:10 69	10:44 86N	17:15 289
2024 Sep 02 (Mon)	05:01 74	11:28 90S	17:52 283
2024 Sep 03 (Tue)	05:49 79	12:09 85S	18:27 278
2024 Sep 04 (Wed)	06:35 85	12:49 79S	19:00 272
2024 Sep 05 (Thu)	07:20 91	13:28 73S	19:32 266
2024 Sep 06 (Fri)	08:05 97	14:07 67S	20:05 260
2024 Sep 07 (Sat)	08:51 103	14:47 62S	20:40 254
2024 Sep 08 (Sun)	09:39 108	15:30 57S	21:18 249
2024 Sep 09 (Mon)	10:29 113	16:16 52S	22:00 245
2024 Sep 10 (Tue)	11:23 117	17:06 49S	22:47 242
2024 Sep 11 (Wed)	12:19 119	17:59 47S	23:39 240
2024 Sep 12 (Thu)	13:17 120	18:56 47S	
2024 Sep 13 (Fri)	14:14 119	19:55 48S	00:37 240
2024 Sep 14 (Sat)	15:08 116	20:53 52S	01:38 242
2024 Sep 15 (Sun)	16:00 111	21:50 57S	02:41 246
2024 Sep 16 (Mon)	16:47 105	22:44 63S	03:43 252
2024 Sep 17 (Tue)	17:32 98	23:36 70S	04:44 258
2024 Sep 18 (Wed)	18:16 90		05:44 266
2024 Sep 19 (Thu)	18:59 82	00:28 78S	06:44 274
2024 Sep 20 (Fri)	19:44 75	01:20 85S	07:44 281
2024 Sep 21 (Sat)	20:32 69	02:13 89N	08:46 288
2024 Sep 22 (Sun)	21:24 64	03:09 83N	09:49 294
2024 Sep 23 (Mon)	22:19 61	04:07 79N	10:52 298
2024 Sep 24 (Tue)	23:17 60	05:06 77N	11:54 299
2024 Sep 25 (Wed)		06:05 76N	12:52 299
2024 Sep 26 (Thu)	00:15 61	07:01 78N	13:46 298
2024 Sep 27 (Fri)	01:12 64	07:54 81N	14:33 294
2024 Sep 28 (Sat)	02:07 67	08:43 84N	15:15 290
2024 Sep 29 (Sun)	02:58 72	09:27 89N	15:53 285
2024 Sep 30 (Mon)	03:46 78	10:09 87S	16:29 279
2024 Oct 01 (Tue)	04:32 83	10:49 81S	17:02 274
2024 Oct 02 (Wed)	05:17 89	11:27 75S	17:34 268
2024 Oct 03 (Thu)	06:02 95	12:06 69S	18:07 262
2024 Oct 04 (Fri)	06:48 101	12:46 63S	18:41 256
2024 Oct 05 (Sat)	07:35 107	13:28 58S	19:18 251
2024 Oct 06 (Sun)	08:25 112	14:13 54S	19:58 246
2024 Oct 07 (Mon)	09:17 116	15:01 50S	20:43 243
2024 Oct 08 (Tue)	10:12 118	15:53 48S	21:33 241
2024 Oct 09 (Wed)	11:08 120	16:48 47S	22:27 240
2024 Oct 10 (Thu)	12:04 119	17:44 48S	23:25 241
2024 Oct 11 (Fri)	12:58 117	18:41 50S	
2024 Oct 12 (Sat)	13:49 113	19:36 54S	00:25 244
2024 Oct 13 (Sun)	14:36 108	20:29 60S	01:26 249
2024 Oct 14 (Mon)	15:21 102	21:21 66S	02:26 255
2024 Oct 15 (Tue)	16:04 94	22:12 74S	03:25 262
2024 Oct 16 (Wed)	16:47 86	23:03 81S	04:23 270
2024 Oct 17 (Thu)	17:32 79	23:56 89S	05:23 277
2024 Oct 18 (Fri)	18:19 72		06:25 285
2024 Oct 19 (Sat)	19:10 66	00:52 86N	07:29 291
2024 Oct 20 (Sun)	20:06 62	01:50 81N	08:34 296
2024 Oct 21 (Mon)	21:05 61	02:52 78N	09:39 299
2024 Oct 22 (Tue)	22:05 61	03:53 76N	10:42 300
2024 Oct 23 (Wed)	23:04 63	04:53 77N	11:39 298
2024 Oct 24 (Thu)		05:48 79N	12:29 296
2024 Oct 25 (Fri)	00:01 66	06:39 83N	13:14 292
2024 Oct 26 (Sat)	00:54 71	07:25 88N	13:54 287
2024 Oct 27 (Sun)	01:43 76	08:08 88S	14:30 281
2024 Oct 28 (Mon)	02:30 81	08:48 83S	15:03 276
2024 Oct 29 (Tue)	03:15 87	09:27 77S	15:36 270
2024 Oct 30 (Wed)	04:00 93	10:06 71S	16:08 264
2024 Oct 31 (Thu)	04:45 99	10:45 65S	16:42 258
2024 Nov 01 (Fri)	05:32 105	11:27 60S	17:18 252
2024 Nov 02 (Sat)	06:21 110	12:11 55S	17:58 248
2024 Nov 03 (Sun)	07:13 114	12:58 51S	18:41 244
2024 Nov 04 (Mon)	08:08 118	13:49 48S	19:30 241
2024 Nov 05 (Tue)	09:03 119	14:43 47S	20:23 240
2024 Nov 06 (Wed)	09:59 120	15:39 47S	21:19 241

2024 Nov 07 (Thu)	10:53 118	16:35 49S	22:18 243
2024 Nov 08 (Fri)	11:44 115	17:29 53S	23:16 247
2024 Nov 09 (Sat)	12:31 110	18:21 57S	
2024 Nov 10 (Sun)	13:15 104	19:11 63S	00:14 253
2024 Nov 11 (Mon)	13:57 97	20:00 70S	01:11 259
2024 Nov 12 (Tue)	14:38 90	20:49 78S	02:08 266
2024 Nov 13 (Wed)	15:20 83	21:40 85S	03:05 274
2024 Nov 14 (Thu)	16:05 76	22:33 90N	04:04 281
2024 Nov 15 (Fri)	16:54 69	23:30 84N	05:06 288
2024 Nov 16 (Sat)	17:47 64		06:10 294
2024 Nov 17 (Sun)	18:46 61	00:31 79N	07:17 298
2024 Nov 18 (Mon)	19:48 60	01:34 77N	08:23 299
2024 Nov 19 (Tue)	20:50 62	02:36 77N	09:24 299
2024 Nov 20 (Wed)	21:49 65	03:36 78N	10:20 297
2024 Nov 21 (Thu)	22:45 69	04:30 82N	11:08 293
2024 Nov 22 (Fri)	23:37 74	05:20 86N	11:51 289
2024 Nov 23 (Sat)		06:04 90S	12:29 283
2024 Nov 24 (Sun)	00:25 80	06:46 85S	13:03 277
2024 Nov 25 (Mon)	01:11 85	07:25 79S	13:36 272
2024 Nov 26 (Tue)	01:56 91	08:04 73S	14:09 266
2024 Nov 27 (Wed)	02:41 97	08:43 67S	14:42 260
2024 Nov 28 (Thu)	03:28 103	09:24 62S	15:17 254
2024 Nov 29 (Fri)	04:16 108	10:07 57S	15:55 249
2024 Nov 30 (Sat)	05:07 113	10:54 52S	16:38 245
2024 Dec 01 (Sun)	06:01 117	11:44 49S	17:25 242
2024 Dec 02 (Mon)	06:57 119	12:38 47S	18:18 241
2024 Dec 03 (Tue)	07:54 120	13:34 47S	19:14 241
2024 Dec 04 (Wed)	08:49 118	14:30 49S	20:13 243
2024 Dec 05 (Thu)	09:41 116	15:25 52S	21:12 246
2024 Dec 06 (Fri)	10:29 111	16:18 56S	22:09 251
2024 Dec 07 (Sat)	11:13 106	17:08 62S	23:06 257
2024 Dec 08 (Sun)	11:55 100	17:56 68S	
2024 Dec 09 (Mon)	12:35 93	18:43 75S	00:00 264
2024 Dec 10 (Tue)	13:15 85	19:31 82S	00:55 271
2024 Dec 11 (Wed)	13:57 78	20:21 89S	01:51 278
2024 Dec 12 (Thu)	14:42 72	21:14 86N	02:49 285
2024 Dec 13 (Fri)	15:32 67	22:12 81N	03:51 291
2024 Dec 14 (Sat)	16:27 63	23:13 78N	04:55 296
2024 Dec 15 (Sun)	17:28 61		06:01 299
2024 Dec 16 (Mon)	18:30 61	00:16 77N	07:05 299
2024 Dec 17 (Tue)	19:33 63	01:18 77N	08:04 298
2024 Dec 18 (Wed)	20:31 67	02:16 80N	08:57 295
2024 Dec 19 (Thu)	21:26 72	03:09 84N	09:43 291
2024 Dec 20 (Fri)	22:17 77	03:57 89N	10:24 285
2024 Dec 21 (Sat)	23:05 83	04:40 87S	11:01 280
2024 Dec 22 (Sun)	23:50 89	05:21 81S	11:35 274
2024 Dec 23 (Mon)		06:00 75S	12:07 268
2024 Dec 24 (Tue)	00:35 95	06:39 69S	12:40 262
2024 Dec 25 (Wed)	01:21 101	07:19 64S	13:15 256
2024 Dec 26 (Thu)	02:08 107	08:01 59S	13:51 251
2024 Dec 27 (Fri)	02:58 111	08:46 54S	14:32 247
2024 Dec 28 (Sat)	03:51 115	09:35 50S	15:18 243
2024 Dec 29 (Sun)	04:47 118	10:28 48S	16:09 241
2024 Dec 30 (Mon)	05:44 119	11:24 47S	17:04 241
2024 Dec 31 (Tue)	06:41 119	12:22 48S	18:04 242