

Sun

Location: Khlong Chiam
 E105°30'00.0", N15°19'00.0", 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)	05:34	06:24	114	12:02	52S	17:39	246	18:29
2025	Jan	02 (Thu)	05:35	06:25	114	12:02	52S	17:39	246	18:29
2025	Jan	03 (Fri)	05:35	06:25	113	12:02	53S	17:40	247	18:30
2025	Jan	04 (Sat)	05:35	06:25	113	12:03	53S	17:41	247	18:30
2025	Jan	05 (Sun)	05:36	06:26	113	12:03	53S	17:41	247	18:31
2025	Jan	06 (Mon)	05:36	06:26	113	12:04	53S	17:42	247	18:32
2025	Jan	07 (Tue)	05:37	06:26	113	12:04	53S	17:42	247	18:32
2025	Jan	08 (Wed)	05:37	06:27	113	12:05	53S	17:43	247	18:33
2025	Jan	09 (Thu)	05:37	06:27	113	12:05	53S	17:44	247	18:33
2025	Jan	10 (Fri)	05:37	06:27	113	12:06	53S	17:44	248	18:34
2025	Jan	11 (Sat)	05:38	06:27	112	12:06	54S	17:45	248	18:34
2025	Jan	12 (Sun)	05:38	06:27	112	12:06	54S	17:45	248	18:35
2025	Jan	13 (Mon)	05:38	06:28	112	12:07	54S	17:46	248	18:35
2025	Jan	14 (Tue)	05:38	06:28	112	12:07	54S	17:46	248	18:36
2025	Jan	15 (Wed)	05:39	06:28	112	12:07	54S	17:47	248	18:36
2025	Jan	16 (Thu)	05:39	06:28	111	12:08	55S	17:48	249	18:37
2025	Jan	17 (Fri)	05:39	06:28	111	12:08	55S	17:48	249	18:37
2025	Jan	18 (Sat)	05:39	06:28	111	12:08	55S	17:49	249	18:38
2025	Jan	19 (Sun)	05:39	06:28	111	12:09	55S	17:49	249	18:38
2025	Jan	20 (Mon)	05:39	06:28	111	12:09	55S	17:50	249	18:39
2025	Jan	21 (Tue)	05:39	06:28	110	12:09	56S	17:50	250	18:39
2025	Jan	22 (Wed)	05:39	06:28	110	12:10	56S	17:51	250	18:40
2025	Jan	23 (Thu)	05:39	06:28	110	12:10	56S	17:52	250	18:40
2025	Jan	24 (Fri)	05:39	06:28	110	12:10	56S	17:52	250	18:41
2025	Jan	25 (Sat)	05:39	06:28	109	12:10	56S	17:53	251	18:41
2025	Jan	26 (Sun)	05:39	06:28	109	12:11	57S	17:53	251	18:42
2025	Jan	27 (Mon)	05:39	06:28	109	12:11	57S	17:54	251	18:42
2025	Jan	28 (Tue)	05:39	06:28	109	12:11	57S	17:54	251	18:43
2025	Jan	29 (Wed)	05:39	06:28	108	12:11	58S	17:55	252	18:43
2025	Jan	30 (Thu)	05:39	06:28	108	12:11	58S	17:55	252	18:43
2025	Jan	31 (Fri)	05:39	06:27	108	12:11	58S	17:56	252	18:44
2025	Feb	01 (Sat)	05:39	06:27	108	12:12	58S	17:56	253	18:44
2025	Feb	02 (Sun)	05:39	06:27	107	12:12	59S	17:57	253	18:45
2025	Feb	03 (Mon)	05:39	06:27	107	12:12	59S	17:57	253	18:45
2025	Feb	04 (Tue)	05:39	06:27	107	12:12	59S	17:57	254	18:45
2025	Feb	05 (Wed)	05:38	06:26	106	12:12	60S	17:58	254	18:46
2025	Feb	06 (Thu)	05:38	06:26	106	12:12	60S	17:58	254	18:46
2025	Feb	07 (Fri)	05:38	06:26	106	12:12	60S	17:59	255	18:46
2025	Feb	08 (Sat)	05:38	06:25	105	12:12	60S	17:59	255	18:47
2025	Feb	09 (Sun)	05:37	06:25	105	12:12	61S	17:59	255	18:47
2025	Feb	10 (Mon)	05:37	06:25	105	12:12	61S	18:00	256	18:47
2025	Feb	11 (Tue)	05:37	06:24	104	12:12	61S	18:00	256	18:48
2025	Feb	12 (Wed)	05:37	06:24	104	12:12	62S	18:01	256	18:48
2025	Feb	13 (Thu)	05:36	06:24	104	12:12	62S	18:01	257	18:48
2025	Feb	14 (Fri)	05:36	06:23	103	12:12	62S	18:01	257	18:49
2025	Feb	15 (Sat)	05:35	06:23	103	12:12	63S	18:02	257	18:49
2025	Feb	16 (Sun)	05:35	06:22	103	12:12	63S	18:02	258	18:49
2025	Feb	17 (Mon)	05:35	06:22	102	12:12	63S	18:02	258	18:49
2025	Feb	18 (Tue)	05:34	06:21	102	12:12	64S	18:03	258	18:50
2025	Feb	19 (Wed)	05:34	06:21	101	12:12	64S	18:03	259	18:50
2025	Feb	20 (Thu)	05:33	06:20	101	12:12	65S	18:03	259	18:50
2025	Feb	21 (Fri)	05:33	06:20	101	12:12	65S	18:04	259	18:50
2025	Feb	22 (Sat)	05:32	06:19	100	12:11	65S	18:04	260	18:51
2025	Feb	23 (Sun)	05:32	06:19	100	12:11	66S	18:04	260	18:51
2025	Feb	24 (Mon)	05:31	06:18	100	12:11	66S	18:04	261	18:51
2025	Feb	25 (Tue)	05:31	06:18	99	12:11	66S	18:05	261	18:51
2025	Feb	26 (Wed)	05:30	06:17	99	12:11	67S	18:05	261	18:52
2025	Feb	27 (Thu)	05:30	06:16	98	12:11	67S	18:05	262	18:52
2025	Feb	28 (Fri)	05:29	06:16	98	12:11	68S	18:05	262	18:52
2025	Mar	01 (Sat)	05:29	06:15	98	12:10	68S	18:06	263	18:52

2025	Mar	02	(Sun)	05:28	06:15	97	12:10	68S	18:06	263	18:52
2025	Mar	03	(Mon)	05:27	06:14	97	12:10	69S	18:06	263	18:53
2025	Mar	04	(Tue)	05:27	06:13	96	12:10	69S	18:06	264	18:53
2025	Mar	05	(Wed)	05:26	06:13	96	12:09	69S	18:06	264	18:53
2025	Mar	06	(Thu)	05:26	06:12	96	12:09	70S	18:07	265	18:53
2025	Mar	07	(Fri)	05:25	06:11	95	12:09	70S	18:07	265	18:53
2025	Mar	08	(Sat)	05:24	06:11	95	12:09	71S	18:07	265	18:53
2025	Mar	09	(Sun)	05:24	06:10	94	12:09	71S	18:07	266	18:54
2025	Mar	10	(Mon)	05:23	06:09	94	12:08	71S	18:07	266	18:54
2025	Mar	11	(Tue)	05:22	06:09	94	12:08	72S	18:08	267	18:54
2025	Mar	12	(Wed)	05:22	06:08	93	12:08	72S	18:08	267	18:54
2025	Mar	13	(Thu)	05:21	06:07	93	12:07	73S	18:08	267	18:54
2025	Mar	14	(Fri)	05:20	06:07	92	12:07	73S	18:08	268	18:54
2025	Mar	15	(Sat)	05:20	06:06	92	12:07	73S	18:08	268	18:54
2025	Mar	16	(Sun)	05:19	06:05	92	12:07	74S	18:08	269	18:55
2025	Mar	17	(Mon)	05:18	06:04	91	12:06	74S	18:08	269	18:55
2025	Mar	18	(Tue)	05:17	06:04	91	12:06	75S	18:09	269	18:55
2025	Mar	19	(Wed)	05:17	06:03	90	12:06	75S	18:09	270	18:55
2025	Mar	20	(Thu)	05:16	06:02	90	12:05	75S	18:09	270	18:55
2025	Mar	21	(Fri)	05:15	06:02	90	12:05	76S	18:09	271	18:55
2025	Mar	22	(Sat)	05:14	06:01	89	12:05	76S	18:09	271	18:56
2025	Mar	23	(Sun)	05:14	06:00	89	12:05	77S	18:09	271	18:56
2025	Mar	24	(Mon)	05:13	05:59	88	12:04	77S	18:09	272	18:56
2025	Mar	25	(Tue)	05:12	05:59	88	12:04	77S	18:10	272	18:56
2025	Mar	26	(Wed)	05:11	05:58	87	12:04	78S	18:10	273	18:56
2025	Mar	27	(Thu)	05:11	05:57	87	12:03	78S	18:10	273	18:56
2025	Mar	28	(Fri)	05:10	05:56	87	12:03	78S	18:10	274	18:56
2025	Mar	29	(Sat)	05:09	05:56	86	12:03	79S	18:10	274	18:57
2025	Mar	30	(Sun)	05:08	05:55	86	12:02	79S	18:10	274	18:57
2025	Mar	31	(Mon)	05:08	05:54	85	12:02	80S	18:10	275	18:57
2025	Apr	01	(Tue)	05:07	05:54	85	12:02	80S	18:10	275	18:57
2025	Apr	02	(Wed)	05:06	05:53	85	12:02	80S	18:11	276	18:57
2025	Apr	03	(Thu)	05:05	05:52	84	12:01	81S	18:11	276	18:57
2025	Apr	04	(Fri)	05:05	05:51	84	12:01	81S	18:11	276	18:58
2025	Apr	05	(Sat)	05:04	05:51	83	12:01	82S	18:11	277	18:58
2025	Apr	06	(Sun)	05:03	05:50	83	12:00	82S	18:11	277	18:58
2025	Apr	07	(Mon)	05:02	05:49	83	12:00	82S	18:11	278	18:58
2025	Apr	08	(Tue)	05:02	05:49	82	12:00	83S	18:11	278	18:58
2025	Apr	09	(Wed)	05:01	05:48	82	12:00	83S	18:12	278	18:59
2025	Apr	10	(Thu)	05:00	05:47	82	11:59	83S	18:12	279	18:59
2025	Apr	11	(Fri)	04:59	05:46	81	11:59	84S	18:12	279	18:59
2025	Apr	12	(Sat)	04:59	05:46	81	11:59	84S	18:12	279	18:59
2025	Apr	13	(Sun)	04:58	05:45	80	11:59	85S	18:12	280	18:59
2025	Apr	14	(Mon)	04:57	05:44	80	11:58	85S	18:12	280	19:00
2025	Apr	15	(Tue)	04:56	05:44	80	11:58	85S	18:12	281	19:00
2025	Apr	16	(Wed)	04:56	05:43	79	11:58	86S	18:13	281	19:00
2025	Apr	17	(Thu)	04:55	05:43	79	11:58	86S	18:13	281	19:00
2025	Apr	18	(Fri)	04:54	05:42	79	11:57	86S	18:13	282	19:01
2025	Apr	19	(Sat)	04:54	05:41	78	11:57	87S	18:13	282	19:01
2025	Apr	20	(Sun)	04:53	05:41	78	11:57	87S	18:13	282	19:01
2025	Apr	21	(Mon)	04:52	05:40	77	11:57	87S	18:14	283	19:01
2025	Apr	22	(Tue)	04:52	05:39	77	11:56	88S	18:14	283	19:02
2025	Apr	23	(Wed)	04:51	05:39	77	11:56	88S	18:14	283	19:02
2025	Apr	24	(Thu)	04:50	05:38	76	11:56	88S	18:14	284	19:02
2025	Apr	25	(Fri)	04:50	05:38	76	11:56	89S	18:14	284	19:03
2025	Apr	26	(Sat)	04:49	05:37	76	11:56	89S	18:15	284	19:03
2025	Apr	27	(Sun)	04:48	05:37	75	11:56	89S	18:15	285	19:03
2025	Apr	28	(Mon)	04:48	05:36	75	11:55	90S	18:15	285	19:03
2025	Apr	29	(Tue)	04:47	05:36	75	11:55	90S	18:15	285	19:04
2025	Apr	30	(Wed)	04:47	05:35	74	11:55	90S	18:15	286	19:04
2025	May	01	(Thu)	04:46	05:35	74	11:55	91S	18:16	286	19:04
2025	May	02	(Fri)	04:45	05:34	74	11:55	91N	18:16	286	19:05
2025	May	03	(Sat)	04:45	05:34	74	11:55	90N	18:16	287	19:05
2025	May	04	(Sun)	04:44	05:33	73	11:55	90N	18:16	287	19:05
2025	May	05	(Mon)	04:44	05:33	73	11:55	90N	18:17	287	19:06
2025	May	06	(Tue)	04:43	05:32	73	11:55	89N	18:17	288	19:06
2025	May	07	(Wed)	04:43	05:32	72	11:55	89N	18:17	288	19:06
2025	May	08	(Thu)	04:42	05:32	72	11:54	89N	18:18	288	19:07
2025	May	09	(Fri)	04:42	05:31	72	11:54	89N	18:18	288	19:07
2025	May	10	(Sat)	04:41	05:31	71	11:54	88N	18:18	289	19:08
2025	May	11	(Sun)	04:41	05:30	71	11:54	88N	18:18	289	19:08
2025	May	12	(Mon)	04:41	05:30	71	11:54	88N	18:19	289	19:08

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

2025	Jul	24	(Thu)	04:48	05:38	69	12:05	86N	18:31	291	19:21
2025	Jul	25	(Fri)	04:48	05:38	69	12:05	86N	18:31	291	19:21
2025	Jul	26	(Sat)	04:49	05:39	70	12:05	87N	18:30	290	19:20
2025	Jul	27	(Sun)	04:49	05:39	70	12:05	87N	18:30	290	19:20
2025	Jul	28	(Mon)	04:49	05:39	70	12:05	87N	18:30	290	19:19
2025	Jul	29	(Tue)	04:50	05:40	70	12:05	87N	18:29	290	19:19
2025	Jul	30	(Wed)	04:50	05:40	71	12:04	88N	18:29	289	19:19
2025	Jul	31	(Thu)	04:50	05:40	71	12:04	88N	18:29	289	19:18
2025	Aug	01	(Fri)	04:51	05:40	71	12:04	88N	18:28	289	19:18
2025	Aug	02	(Sat)	04:51	05:41	71	12:04	88N	18:28	289	19:17
2025	Aug	03	(Sun)	04:51	05:41	72	12:04	89N	18:27	288	19:17
2025	Aug	04	(Mon)	04:52	05:41	72	12:04	89N	18:27	288	19:16
2025	Aug	05	(Tue)	04:52	05:41	72	12:04	89N	18:27	288	19:16
2025	Aug	06	(Wed)	04:52	05:42	72	12:04	89N	18:26	287	19:15
2025	Aug	07	(Thu)	04:53	05:42	73	12:04	90N	18:26	287	19:15
2025	Aug	08	(Fri)	04:53	05:42	73	12:04	90N	18:25	287	19:14
2025	Aug	09	(Sat)	04:53	05:42	73	12:04	90N	18:25	287	19:14
2025	Aug	10	(Sun)	04:54	05:42	74	12:03	91N	18:24	286	19:13
2025	Aug	11	(Mon)	04:54	05:43	74	12:03	91S	18:24	286	19:12
2025	Aug	12	(Tue)	04:54	05:43	74	12:03	90S	18:23	286	19:12
2025	Aug	13	(Wed)	04:54	05:43	75	12:03	90S	18:23	285	19:11
2025	Aug	14	(Thu)	04:55	05:43	75	12:03	90S	18:22	285	19:10
2025	Aug	15	(Fri)	04:55	05:43	75	12:03	89S	18:22	285	19:10
2025	Aug	16	(Sat)	04:55	05:43	76	12:02	89S	18:21	284	19:09
2025	Aug	17	(Sun)	04:55	05:44	76	12:02	89S	18:20	284	19:08
2025	Aug	18	(Mon)	04:56	05:44	76	12:02	88S	18:20	284	19:08
2025	Aug	19	(Tue)	04:56	05:44	77	12:02	88S	18:19	283	19:07
2025	Aug	20	(Wed)	04:56	05:44	77	12:01	88S	18:19	283	19:06
2025	Aug	21	(Thu)	04:56	05:44	77	12:01	87S	18:18	283	19:06
2025	Aug	22	(Fri)	04:57	05:44	78	12:01	87S	18:17	282	19:05
2025	Aug	23	(Sat)	04:57	05:45	78	12:01	87S	18:17	282	19:04
2025	Aug	24	(Sun)	04:57	05:45	78	12:00	86S	18:16	282	19:04
2025	Aug	25	(Mon)	04:57	05:45	79	12:00	86S	18:15	281	19:03
2025	Aug	26	(Tue)	04:57	05:45	79	12:00	86S	18:15	281	19:02
2025	Aug	27	(Wed)	04:58	05:45	79	12:00	85S	18:14	280	19:01
2025	Aug	28	(Thu)	04:58	05:45	80	11:59	85S	18:13	280	19:01
2025	Aug	29	(Fri)	04:58	05:45	80	11:59	85S	18:13	280	19:00
2025	Aug	30	(Sat)	04:58	05:45	80	11:59	84S	18:12	279	18:59
2025	Aug	31	(Sun)	04:58	05:45	81	11:58	84S	18:11	279	18:58
2025	Sep	01	(Mon)	04:58	05:46	81	11:58	84S	18:10	279	18:57
2025	Sep	02	(Tue)	04:59	05:46	82	11:58	83S	18:10	278	18:57
2025	Sep	03	(Wed)	04:59	05:46	82	11:57	83S	18:09	278	18:56
2025	Sep	04	(Thu)	04:59	05:46	82	11:57	82S	18:08	277	18:55
2025	Sep	05	(Fri)	04:59	05:46	83	11:57	82S	18:07	277	18:54
2025	Sep	06	(Sat)	04:59	05:46	83	11:56	82S	18:07	277	18:53
2025	Sep	07	(Sun)	04:59	05:46	83	11:56	81S	18:06	276	18:53
2025	Sep	08	(Mon)	04:59	05:46	84	11:56	81S	18:05	276	18:52
2025	Sep	09	(Tue)	04:59	05:46	84	11:55	81S	18:04	276	18:51
2025	Sep	10	(Wed)	05:00	05:46	85	11:55	80S	18:04	275	18:50
2025	Sep	11	(Thu)	05:00	05:46	85	11:55	80S	18:03	275	18:49
2025	Sep	12	(Fri)	05:00	05:46	85	11:54	79S	18:02	274	18:49
2025	Sep	13	(Sat)	05:00	05:46	86	11:54	79S	18:01	274	18:48
2025	Sep	14	(Sun)	05:00	05:47	86	11:54	79S	18:00	274	18:47
2025	Sep	15	(Mon)	05:00	05:47	87	11:53	78S	18:00	273	18:46
2025	Sep	16	(Tue)	05:00	05:47	87	11:53	78S	17:59	273	18:45
2025	Sep	17	(Wed)	05:00	05:47	87	11:53	78S	17:58	272	18:45
2025	Sep	18	(Thu)	05:00	05:47	88	11:52	77S	17:57	272	18:44
2025	Sep	19	(Fri)	05:00	05:47	88	11:52	77S	17:57	272	18:43
2025	Sep	20	(Sat)	05:01	05:47	89	11:51	76S	17:56	271	18:42
2025	Sep	21	(Sun)	05:01	05:47	89	11:51	76S	17:55	271	18:41
2025	Sep	22	(Mon)	05:01	05:47	89	11:51	76S	17:54	270	18:41
2025	Sep	23	(Tue)	05:01	05:47	90	11:50	75S	17:53	270	18:40
2025	Sep	24	(Wed)	05:01	05:47	90	11:50	75S	17:53	270	18:39
2025	Sep	25	(Thu)	05:01	05:47	91	11:50	74S	17:52	269	18:38
2025	Sep	26	(Fri)	05:01	05:47	91	11:49	74S	17:51	269	18:37
2025	Sep	27	(Sat)	05:01	05:47	91	11:49	74S	17:50	268	18:37
2025	Sep	28	(Sun)	05:01	05:48	92	11:49	73S	17:50	268	18:36
2025	Sep	29	(Mon)	05:01	05:48	92	11:48	73S	17:49	268	18:35
2025	Sep	30	(Tue)	05:01	05:48	93	11:48	72S	17:48	267	18:34
2025	Oct	01	(Wed)	05:01	05:48	93	11:48	72S	17:47	267	18:34
2025	Oct	02	(Thu)	05:02	05:48	93	11:47	72S	17:47	266	18:33
2025	Oct	03	(Fri)	05:02	05:48	94	11:47	71S	17:46	266	18:32

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

2025	Dec	15	(Mon)	05:26	06:16	114	11:53	52S	17:30	246	18:20
2025	Dec	16	(Tue)	05:27	06:17	114	11:54	52S	17:30	246	18:20
2025	Dec	17	(Wed)	05:27	06:17	114	11:54	52S	17:31	246	18:21
2025	Dec	18	(Thu)	05:28	06:18	114	11:55	52S	17:31	246	18:21
2025	Dec	19	(Fri)	05:28	06:18	114	11:55	52S	17:32	246	18:22
2025	Dec	20	(Sat)	05:29	06:19	114	11:56	52S	17:32	246	18:22
2025	Dec	21	(Sun)	05:29	06:19	114	11:56	52S	17:33	246	18:23
2025	Dec	22	(Mon)	05:30	06:20	114	11:57	52S	17:33	246	18:23
2025	Dec	23	(Tue)	05:30	06:20	114	11:57	52S	17:34	246	18:24
2025	Dec	24	(Wed)	05:31	06:21	114	11:58	52S	17:34	246	18:24
2025	Dec	25	(Thu)	05:31	06:21	114	11:58	52S	17:35	246	18:25
2025	Dec	26	(Fri)	05:32	06:22	114	11:59	52S	17:35	246	18:25
2025	Dec	27	(Sat)	05:32	06:22	114	11:59	52S	17:36	246	18:26
2025	Dec	28	(Sun)	05:33	06:23	114	12:00	52S	17:36	246	18:26
2025	Dec	29	(Mon)	05:33	06:23	114	12:00	52S	17:37	246	18:27
2025	Dec	30	(Tue)	05:33	06:24	114	12:00	52S	17:38	246	18:28
2025	Dec	31	(Wed)	05:34	06:24	114	12:01	52S	17:38	246	18:28

Sun

Khlong Chiam

Location: E105°30'00.0", N15°19'00.0", 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)	06:01	06:24 114		12:02 52S	17:39 246		18:02
2025 Jan 02 (Thu)	06:01	06:25 114		12:02 52S	17:39 246		18:03
2025 Jan 03 (Fri)	06:02	06:25 113		12:02 53S	17:40 247		18:03
2025 Jan 04 (Sat)	06:02	06:25 113		12:03 53S	17:41 247		18:04
2025 Jan 05 (Sun)	06:03	06:26 113		12:03 53S	17:41 247		18:04
2025 Jan 06 (Mon)	06:03	06:26 113		12:04 53S	17:42 247		18:05
2025 Jan 07 (Tue)	06:03	06:26 113		12:04 53S	17:42 247		18:05
2025 Jan 08 (Wed)	06:03	06:27 113		12:05 53S	17:43 247		18:06
2025 Jan 09 (Thu)	06:04	06:27 113		12:05 53S	17:44 247		18:07
2025 Jan 10 (Fri)	06:04	06:27 113		12:06 53S	17:44 248		18:07
2025 Jan 11 (Sat)	06:04	06:27 112		12:06 54S	17:45 248		18:08
2025 Jan 12 (Sun)	06:04	06:27 112		12:06 54S	17:45 248		18:08
2025 Jan 13 (Mon)	06:05	06:28 112		12:07 54S	17:46 248		18:09
2025 Jan 14 (Tue)	06:05	06:28 112		12:07 54S	17:46 248		18:09
2025 Jan 15 (Wed)	06:05	06:28 112		12:07 54S	17:47 248		18:10
2025 Jan 16 (Thu)	06:05	06:28 111		12:08 55S	17:48 249		18:10
2025 Jan 17 (Fri)	06:05	06:28 111		12:08 55S	17:48 249		18:11
2025 Jan 18 (Sat)	06:05	06:28 111		12:08 55S	17:49 249		18:12
2025 Jan 19 (Sun)	06:05	06:28 111		12:09 55S	17:49 249		18:12
2025 Jan 20 (Mon)	06:05	06:28 111		12:09 55S	17:50 249		18:13
2025 Jan 21 (Tue)	06:06	06:28 110		12:09 56S	17:50 250		18:13
2025 Jan 22 (Wed)	06:06	06:28 110		12:10 56S	17:51 250		18:14
2025 Jan 23 (Thu)	06:06	06:28 110		12:10 56S	17:52 250		18:14
2025 Jan 24 (Fri)	06:06	06:28 110		12:10 56S	17:52 250		18:15
2025 Jan 25 (Sat)	06:06	06:28 109		12:10 56S	17:53 251		18:15
2025 Jan 26 (Sun)	06:06	06:28 109		12:11 57S	17:53 251		18:16
2025 Jan 27 (Mon)	06:05	06:28 109		12:11 57S	17:54 251		18:16
2025 Jan 28 (Tue)	06:05	06:28 109		12:11 57S	17:54 251		18:17
2025 Jan 29 (Wed)	06:05	06:28 108		12:11 58S	17:55 252		18:17
2025 Jan 30 (Thu)	06:05	06:28 108		12:11 58S	17:55 252		18:18
2025 Jan 31 (Fri)	06:05	06:27 108		12:11 58S	17:56 252		18:18
2025 Feb 01 (Sat)	06:05	06:27 108		12:12 58S	17:56 253		18:18
2025 Feb 02 (Sun)	06:05	06:27 107		12:12 59S	17:57 253		18:19
2025 Feb 03 (Mon)	06:04	06:27 107		12:12 59S	17:57 253		18:19
2025 Feb 04 (Tue)	06:04	06:27 107		12:12 59S	17:57 254		18:20
2025 Feb 05 (Wed)	06:04	06:26 106		12:12 60S	17:58 254		18:20
2025 Feb 06 (Thu)	06:04	06:26 106		12:12 60S	17:58 254		18:20
2025 Feb 07 (Fri)	06:04	06:26 106		12:12 60S	17:59 255		18:21
2025 Feb 08 (Sat)	06:03	06:25 105		12:12 60S	17:59 255		18:21
2025 Feb 09 (Sun)	06:03	06:25 105		12:12 61S	17:59 255		18:22
2025 Feb 10 (Mon)	06:03	06:25 105		12:12 61S	18:00 256		18:22
2025 Feb 11 (Tue)	06:02	06:24 104		12:12 61S	18:00 256		18:22

2025	Feb	12	(Wed)	06:02	06:24	104	12:12	62S	18:01	256	18:23
2025	Feb	13	(Thu)	06:02	06:24	104	12:12	62S	18:01	257	18:23
2025	Feb	14	(Fri)	06:01	06:23	103	12:12	62S	18:01	257	18:23
2025	Feb	15	(Sat)	06:01	06:23	103	12:12	63S	18:02	257	18:24
2025	Feb	16	(Sun)	06:00	06:22	103	12:12	63S	18:02	258	18:24
2025	Feb	17	(Mon)	06:00	06:22	102	12:12	63S	18:02	258	18:24
2025	Feb	18	(Tue)	05:59	06:21	102	12:12	64S	18:03	258	18:24
2025	Feb	19	(Wed)	05:59	06:21	101	12:12	64S	18:03	259	18:25
2025	Feb	20	(Thu)	05:59	06:20	101	12:12	65S	18:03	259	18:25
2025	Feb	21	(Fri)	05:58	06:20	101	12:12	65S	18:04	259	18:25
2025	Feb	22	(Sat)	05:58	06:19	100	12:11	65S	18:04	260	18:26
2025	Feb	23	(Sun)	05:57	06:19	100	12:11	66S	18:04	260	18:26
2025	Feb	24	(Mon)	05:56	06:18	100	12:11	66S	18:04	261	18:26
2025	Feb	25	(Tue)	05:56	06:18	99	12:11	66S	18:05	261	18:26
2025	Feb	26	(Wed)	05:55	06:17	99	12:11	67S	18:05	261	18:27
2025	Feb	27	(Thu)	05:55	06:16	98	12:11	67S	18:05	262	18:27
2025	Feb	28	(Fri)	05:54	06:16	98	12:11	68S	18:05	262	18:27
2025	Mar	01	(Sat)	05:54	06:15	98	12:10	68S	18:06	263	18:27
2025	Mar	02	(Sun)	05:53	06:15	97	12:10	68S	18:06	263	18:27
2025	Mar	03	(Mon)	05:52	06:14	97	12:10	69S	18:06	263	18:28
2025	Mar	04	(Tue)	05:52	06:13	96	12:10	69S	18:06	264	18:28
2025	Mar	05	(Wed)	05:51	06:13	96	12:09	69S	18:06	264	18:28
2025	Mar	06	(Thu)	05:51	06:12	96	12:09	70S	18:07	265	18:28
2025	Mar	07	(Fri)	05:50	06:11	95	12:09	70S	18:07	265	18:28
2025	Mar	08	(Sat)	05:49	06:11	95	12:09	71S	18:07	265	18:28
2025	Mar	09	(Sun)	05:49	06:10	94	12:09	71S	18:07	266	18:29
2025	Mar	10	(Mon)	05:48	06:09	94	12:08	71S	18:07	266	18:29
2025	Mar	11	(Tue)	05:47	06:09	94	12:08	72S	18:08	267	18:29
2025	Mar	12	(Wed)	05:47	06:08	93	12:08	72S	18:08	267	18:29
2025	Mar	13	(Thu)	05:46	06:07	93	12:07	73S	18:08	267	18:29
2025	Mar	14	(Fri)	05:45	06:07	92	12:07	73S	18:08	268	18:29
2025	Mar	15	(Sat)	05:44	06:06	92	12:07	73S	18:08	268	18:30
2025	Mar	16	(Sun)	05:44	06:05	92	12:07	74S	18:08	269	18:30
2025	Mar	17	(Mon)	05:43	06:04	91	12:06	74S	18:08	269	18:30
2025	Mar	18	(Tue)	05:42	06:04	91	12:06	75S	18:09	269	18:30
2025	Mar	19	(Wed)	05:42	06:03	90	12:06	75S	18:09	270	18:30
2025	Mar	20	(Thu)	05:41	06:02	90	12:05	75S	18:09	270	18:30
2025	Mar	21	(Fri)	05:40	06:02	90	12:05	76S	18:09	271	18:30
2025	Mar	22	(Sat)	05:39	06:01	89	12:05	76S	18:09	271	18:31
2025	Mar	23	(Sun)	05:39	06:00	89	12:05	77S	18:09	271	18:31
2025	Mar	24	(Mon)	05:38	05:59	88	12:04	77S	18:09	272	18:31
2025	Mar	25	(Tue)	05:37	05:59	88	12:04	77S	18:10	272	18:31
2025	Mar	26	(Wed)	05:36	05:58	87	12:04	78S	18:10	273	18:31
2025	Mar	27	(Thu)	05:36	05:57	87	12:03	78S	18:10	273	18:31
2025	Mar	28	(Fri)	05:35	05:56	87	12:03	78S	18:10	274	18:31
2025	Mar	29	(Sat)	05:34	05:56	86	12:03	79S	18:10	274	18:32
2025	Mar	30	(Sun)	05:33	05:55	86	12:02	79S	18:10	274	18:32
2025	Mar	31	(Mon)	05:33	05:54	85	12:02	80S	18:10	275	18:32
2025	Apr	01	(Tue)	05:32	05:54	85	12:02	80S	18:10	275	18:32
2025	Apr	02	(Wed)	05:31	05:53	85	12:02	80S	18:11	276	18:32
2025	Apr	03	(Thu)	05:31	05:52	84	12:01	81S	18:11	276	18:32
2025	Apr	04	(Fri)	05:30	05:51	84	12:01	81S	18:11	276	18:32
2025	Apr	05	(Sat)	05:29	05:51	83	12:01	82S	18:11	277	18:33
2025	Apr	06	(Sun)	05:28	05:50	83	12:00	82S	18:11	277	18:33
2025	Apr	07	(Mon)	05:28	05:49	83	12:00	82S	18:11	278	18:33
2025	Apr	08	(Tue)	05:27	05:49	82	12:00	83S	18:11	278	18:33
2025	Apr	09	(Wed)	05:26	05:48	82	12:00	83S	18:12	278	18:33
2025	Apr	10	(Thu)	05:25	05:47	82	11:59	83S	18:12	279	18:33
2025	Apr	11	(Fri)	05:25	05:46	81	11:59	84S	18:12	279	18:34
2025	Apr	12	(Sat)	05:24	05:46	81	11:59	84S	18:12	279	18:34
2025	Apr	13	(Sun)	05:23	05:45	80	11:59	85S	18:12	280	18:34
2025	Apr	14	(Mon)	05:23	05:44	80	11:58	85S	18:12	280	18:34
2025	Apr	15	(Tue)	05:22	05:44	80	11:58	85S	18:12	281	18:34
2025	Apr	16	(Wed)	05:21	05:43	79	11:58	86S	18:13	281	18:35
2025	Apr	17	(Thu)	05:21	05:43	79	11:58	86S	18:13	281	18:35
2025	Apr	18	(Fri)	05:20	05:42	79	11:57	86S	18:13	282	18:35
2025	Apr	19	(Sat)	05:19	05:41	78	11:57	87S	18:13	282	18:35
2025	Apr	20	(Sun)	05:19	05:41	78	11:57	87S	18:13	282	18:35
2025	Apr	21	(Mon)	05:18	05:40	77	11:57	87S	18:14	283	18:36
2025	Apr	22	(Tue)	05:17	05:39	77	11:56	88S	18:14	283	18:36
2025	Apr	23	(Wed)	05:17	05:39	77	11:56	88S	18:14	283	18:36
2025	Apr	24	(Thu)	05:16	05:38	76	11:56	88S	18:14	284	18:36

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

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

2025	Sep	16	(Tue)	05:25	05:47	87	11:53	78S	17:59	273	18:20
2025	Sep	17	(Wed)	05:25	05:47	87	11:53	78S	17:58	272	18:20
2025	Sep	18	(Thu)	05:25	05:47	88	11:52	77S	17:57	272	18:19
2025	Sep	19	(Fri)	05:25	05:47	88	11:52	77S	17:57	272	18:18
2025	Sep	20	(Sat)	05:25	05:47	89	11:51	76S	17:56	271	18:17
2025	Sep	21	(Sun)	05:26	05:47	89	11:51	76S	17:55	271	18:16
2025	Sep	22	(Mon)	05:26	05:47	89	11:51	76S	17:54	270	18:16
2025	Sep	23	(Tue)	05:26	05:47	90	11:50	75S	17:53	270	18:15
2025	Sep	24	(Wed)	05:26	05:47	90	11:50	75S	17:53	270	18:14
2025	Sep	25	(Thu)	05:26	05:47	91	11:50	74S	17:52	269	18:13
2025	Sep	26	(Fri)	05:26	05:47	91	11:49	74S	17:51	269	18:13
2025	Sep	27	(Sat)	05:26	05:47	91	11:49	74S	17:50	268	18:12
2025	Sep	28	(Sun)	05:26	05:48	92	11:49	73S	17:50	268	18:11
2025	Sep	29	(Mon)	05:26	05:48	92	11:48	73S	17:49	268	18:10
2025	Sep	30	(Tue)	05:26	05:48	93	11:48	72S	17:48	267	18:10
2025	Oct	01	(Wed)	05:26	05:48	93	11:48	72S	17:47	267	18:09
2025	Oct	02	(Thu)	05:26	05:48	93	11:47	72S	17:47	266	18:08
2025	Oct	03	(Fri)	05:27	05:48	94	11:47	71S	17:46	266	18:07
2025	Oct	04	(Sat)	05:27	05:48	94	11:47	71S	17:45	266	18:07
2025	Oct	05	(Sun)	05:27	05:48	95	11:46	71S	17:44	265	18:06
2025	Oct	06	(Mon)	05:27	05:48	95	11:46	70S	17:44	265	18:05
2025	Oct	07	(Tue)	05:27	05:49	95	11:46	70S	17:43	264	18:04
2025	Oct	08	(Wed)	05:27	05:49	96	11:46	69S	17:42	264	18:04
2025	Oct	09	(Thu)	05:27	05:49	96	11:45	69S	17:42	264	18:03
2025	Oct	10	(Fri)	05:27	05:49	97	11:45	69S	17:41	263	18:02
2025	Oct	11	(Sat)	05:28	05:49	97	11:45	68S	17:40	263	18:02
2025	Oct	12	(Sun)	05:28	05:49	97	11:45	68S	17:40	262	18:01
2025	Oct	13	(Mon)	05:28	05:49	98	11:44	68S	17:39	262	18:01
2025	Oct	14	(Tue)	05:28	05:50	98	11:44	67S	17:38	262	18:00
2025	Oct	15	(Wed)	05:28	05:50	99	11:44	67S	17:38	261	17:59
2025	Oct	16	(Thu)	05:28	05:50	99	11:44	66S	17:37	261	17:59
2025	Oct	17	(Fri)	05:28	05:50	99	11:43	66S	17:36	260	17:58
2025	Oct	18	(Sat)	05:29	05:50	100	11:43	66S	17:36	260	17:57
2025	Oct	19	(Sun)	05:29	05:51	100	11:43	65S	17:35	260	17:57
2025	Oct	20	(Mon)	05:29	05:51	100	11:43	65S	17:35	259	17:56
2025	Oct	21	(Tue)	05:29	05:51	101	11:43	65S	17:34	259	17:56
2025	Oct	22	(Wed)	05:29	05:51	101	11:42	64S	17:34	259	17:55
2025	Oct	23	(Thu)	05:30	05:52	102	11:42	64S	17:33	258	17:55
2025	Oct	24	(Fri)	05:30	05:52	102	11:42	64S	17:32	258	17:54
2025	Oct	25	(Sat)	05:30	05:52	102	11:42	63S	17:32	258	17:54
2025	Oct	26	(Sun)	05:30	05:52	103	11:42	63S	17:31	257	17:53
2025	Oct	27	(Mon)	05:31	05:53	103	11:42	63S	17:31	257	17:53
2025	Oct	28	(Tue)	05:31	05:53	103	11:42	62S	17:31	256	17:52
2025	Oct	29	(Wed)	05:31	05:53	104	11:42	62S	17:30	256	17:52
2025	Oct	30	(Thu)	05:32	05:54	104	11:42	62S	17:30	256	17:52
2025	Oct	31	(Fri)	05:32	05:54	104	11:42	61S	17:29	255	17:51
2025	Nov	01	(Sat)	05:32	05:54	105	11:42	61S	17:29	255	17:51
2025	Nov	02	(Sun)	05:32	05:55	105	11:42	61S	17:28	255	17:51
2025	Nov	03	(Mon)	05:33	05:55	105	11:42	60S	17:28	254	17:50
2025	Nov	04	(Tue)	05:33	05:55	106	11:42	60S	17:28	254	17:50
2025	Nov	05	(Wed)	05:33	05:56	106	11:42	60S	17:27	254	17:50
2025	Nov	06	(Thu)	05:34	05:56	106	11:42	59S	17:27	254	17:49
2025	Nov	07	(Fri)	05:34	05:56	107	11:42	59S	17:27	253	17:49
2025	Nov	08	(Sat)	05:34	05:57	107	11:42	59S	17:27	253	17:49
2025	Nov	09	(Sun)	05:35	05:57	107	11:42	58S	17:26	253	17:49
2025	Nov	10	(Mon)	05:35	05:58	108	11:42	58S	17:26	252	17:48
2025	Nov	11	(Tue)	05:36	05:58	108	11:42	58S	17:26	252	17:48
2025	Nov	12	(Wed)	05:36	05:59	108	11:42	58S	17:26	252	17:48
2025	Nov	13	(Thu)	05:36	05:59	108	11:42	57S	17:25	251	17:48
2025	Nov	14	(Fri)	05:37	05:59	109	11:42	57S	17:25	251	17:48
2025	Nov	15	(Sat)	05:37	06:00	109	11:43	57S	17:25	251	17:48
2025	Nov	16	(Sun)	05:38	06:00	109	11:43	57S	17:25	251	17:48
2025	Nov	17	(Mon)	05:38	06:01	109	11:43	56S	17:25	250	17:48
2025	Nov	18	(Tue)	05:39	06:01	110	11:43	56S	17:25	250	17:48
2025	Nov	19	(Wed)	05:39	06:02	110	11:43	56S	17:25	250	17:47
2025	Nov	20	(Thu)	05:40	06:02	110	11:44	56S	17:25	250	17:47
2025	Nov	21	(Fri)	05:40	06:03	110	11:44	55S	17:25	249	17:47
2025	Nov	22	(Sat)	05:41	06:03	111	11:44	55S	17:25	249	17:48
2025	Nov	23	(Sun)	05:41	06:04	111	11:44	55S	17:25	249	17:48
2025	Nov	24	(Mon)	05:42	06:04	111	11:45	55S	17:25	249	17:48
2025	Nov	25	(Tue)	05:42	06:05	111	11:45	55S	17:25	249	17:48
2025	Nov	26	(Wed)	05:43	06:06	112	11:45	54S	17:25	248	17:48

2025	Nov	27	(Thu)	05:43	06:06	112	11:46	54S	17:25	248	17:48
2025	Nov	28	(Fri)	05:44	06:07	112	11:46	54S	17:25	248	17:48
2025	Nov	29	(Sat)	05:44	06:07	112	11:46	54S	17:25	248	17:48
2025	Nov	30	(Sun)	05:45	06:08	112	11:47	54S	17:25	248	17:48
2025	Dec	01	(Mon)	05:45	06:08	112	11:47	54S	17:26	248	17:49
2025	Dec	02	(Tue)	05:46	06:09	113	11:47	53S	17:26	247	17:49
2025	Dec	03	(Wed)	05:46	06:09	113	11:48	53S	17:26	247	17:49
2025	Dec	04	(Thu)	05:47	06:10	113	11:48	53S	17:26	247	17:49
2025	Dec	05	(Fri)	05:47	06:11	113	11:49	53S	17:26	247	17:50
2025	Dec	06	(Sat)	05:48	06:11	113	11:49	53S	17:27	247	17:50
2025	Dec	07	(Sun)	05:49	06:12	113	11:49	53S	17:27	247	17:50
2025	Dec	08	(Mon)	05:49	06:12	113	11:50	53S	17:27	247	17:51
2025	Dec	09	(Tue)	05:50	06:13	113	11:50	53S	17:28	246	17:51
2025	Dec	10	(Wed)	05:50	06:13	114	11:51	52S	17:28	246	17:51
2025	Dec	11	(Thu)	05:51	06:14	114	11:51	52S	17:28	246	17:52
2025	Dec	12	(Fri)	05:51	06:15	114	11:52	52S	17:29	246	17:52
2025	Dec	13	(Sat)	05:52	06:15	114	11:52	52S	17:29	246	17:52
2025	Dec	14	(Sun)	05:52	06:16	114	11:53	52S	17:29	246	17:53
2025	Dec	15	(Mon)	05:53	06:16	114	11:53	52S	17:30	246	17:53
2025	Dec	16	(Tue)	05:53	06:17	114	11:54	52S	17:30	246	17:54
2025	Dec	17	(Wed)	05:54	06:17	114	11:54	52S	17:31	246	17:54
2025	Dec	18	(Thu)	05:55	06:18	114	11:55	52S	17:31	246	17:55
2025	Dec	19	(Fri)	05:55	06:18	114	11:55	52S	17:32	246	17:55
2025	Dec	20	(Sat)	05:56	06:19	114	11:56	52S	17:32	246	17:56
2025	Dec	21	(Sun)	05:56	06:19	114	11:56	52S	17:33	246	17:56
2025	Dec	22	(Mon)	05:57	06:20	114	11:57	52S	17:33	246	17:57
2025	Dec	23	(Tue)	05:57	06:20	114	11:57	52S	17:34	246	17:57
2025	Dec	24	(Wed)	05:58	06:21	114	11:58	52S	17:34	246	17:58
2025	Dec	25	(Thu)	05:58	06:21	114	11:58	52S	17:35	246	17:58
2025	Dec	26	(Fri)	05:58	06:22	114	11:59	52S	17:35	246	17:59
2025	Dec	27	(Sat)	05:59	06:22	114	11:59	52S	17:36	246	17:59
2025	Dec	28	(Sun)	05:59	06:23	114	12:00	52S	17:36	246	18:00
2025	Dec	29	(Mon)	06:00	06:23	114	12:00	52S	17:37	246	18:00
2025	Dec	30	(Tue)	06:00	06:24	114	12:00	52S	17:38	246	18:01
2025	Dec	31	(Wed)	06:01	06:24	114	12:01	52S	17:38	246	18:01

Moon

Khlung Chiam
Location: E105°30'00.0", N15°19'00.0", 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)	07:33		117		13:15		50S	18:59	245
2025	Jan	02	(Thu)	08:23		113		14:10		54S	19:59	249
2025	Jan	03	(Fri)	09:09		108		15:01		59S	20:57	255
2025	Jan	04	(Sat)	09:52		101		15:50		66S	21:53	262
2025	Jan	05	(Sun)	10:32		95		16:38		72S	22:48	269
2025	Jan	06	(Mon)	11:11		87		17:25		79S	23:43	276
2025	Jan	07	(Tue)	11:51		80		18:13		86S		
2025	Jan	08	(Wed)	12:33		74		19:04		89N	00:39	283
2025	Jan	09	(Thu)	13:20		68		19:58		84N	01:38	289
2025	Jan	10	(Fri)	14:11		64		20:56		80N	02:40	294
2025	Jan	11	(Sat)	15:08		61		21:57		78N	03:44	298
2025	Jan	12	(Sun)	16:09		60		22:59		78N	04:47	300
2025	Jan	13	(Mon)	17:11		62		23:58		79N	05:48	299
2025	Jan	14	(Tue)	18:11		65					06:43	297
2025	Jan	15	(Wed)	19:08		69		00:53		83N	07:32	293
2025	Jan	16	(Thu)	20:02		75		01:43		87N	08:15	288
2025	Jan	17	(Fri)	20:52		81		02:29		89S	08:53	282
2025	Jan	18	(Sat)	21:39		87		03:12		83S	09:28	276
2025	Jan	19	(Sun)	22:25		93		03:52		77S	10:02	270
2025	Jan	20	(Mon)	23:11		99		04:31		71S	10:34	264
2025	Jan	21	(Tue)	23:58		105		05:11		65S	11:08	258
2025	Jan	22	(Wed)					05:52		60S	11:43	253
2025	Jan	23	(Thu)	00:47		110		06:35		55S	12:21	248
2025	Jan	24	(Fri)	01:38		114		07:22		51S	13:04	244
2025	Jan	25	(Sat)	02:32		117		08:13		48S	13:52	242

2025	Jan	26	(Sun)	03:29	119	09:07	46S	14:45	240
2025	Jan	27	(Mon)	04:26	120	10:04	46S	15:43	241
2025	Jan	28	(Tue)	05:22	118	11:02	48S	16:44	243
2025	Jan	29	(Wed)	06:14	115	11:59	52S	17:46	247
2025	Jan	30	(Thu)	07:03	110	12:53	57S	18:46	253
2025	Jan	31	(Fri)	07:48	104	13:44	63S	19:44	259
2025	Feb	01	(Sat)	08:29	97	14:33	70S	20:41	267
2025	Feb	02	(Sun)	09:10	90	15:22	77S	21:38	274
2025	Feb	03	(Mon)	09:50	82	16:10	84S	22:35	281
2025	Feb	04	(Tue)	10:32	75	17:01	90N	23:33	288
2025	Feb	05	(Wed)	11:18	69	17:54	85N		
2025	Feb	06	(Thu)	12:07	65	18:50	81N	00:34	293
2025	Feb	07	(Fri)	13:01	62	19:49	78N	01:36	297
2025	Feb	08	(Sat)	13:59	60	20:49	77N	02:39	299
2025	Feb	09	(Sun)	15:00	61	21:48	78N	03:39	300
2025	Feb	10	(Mon)	16:00	64	22:44	81N	04:35	298
2025	Feb	11	(Tue)	16:58	67	23:35	85N	05:25	295
2025	Feb	12	(Wed)	17:52	73			06:10	290
2025	Feb	13	(Thu)	18:43	78	00:23	91N	06:49	285
2025	Feb	14	(Fri)	19:32	84	01:06	85S	07:26	279
2025	Feb	15	(Sat)	20:18	91	01:47	79S	08:00	272
2025	Feb	16	(Sun)	21:04	97	02:27	73S	08:33	266
2025	Feb	17	(Mon)	21:51	103	03:06	67S	09:06	260
2025	Feb	18	(Tue)	22:39	108	03:47	62S	09:40	255
2025	Feb	19	(Wed)	23:29	113	04:29	57S	10:17	250
2025	Feb	20	(Thu)			05:14	52S	10:57	246
2025	Feb	21	(Fri)	00:21	116	06:02	49S	11:42	242
2025	Feb	22	(Sat)	01:16	119	06:54	47S	12:32	241
2025	Feb	23	(Sun)	02:12	120	07:49	46S	13:27	240
2025	Feb	24	(Mon)	03:07	119	08:46	47S	14:26	242
2025	Feb	25	(Tue)	04:01	117	09:43	50S	15:27	245
2025	Feb	26	(Wed)	04:51	113	10:38	54S	16:28	250
2025	Feb	27	(Thu)	05:38	107	11:31	60S	17:28	256
2025	Feb	28	(Fri)	06:22	100	12:22	67S	18:27	263
2025	Mar	01	(Sat)	07:04	93	13:12	74S	19:25	271
2025	Mar	02	(Sun)	07:45	85	14:03	82S	20:24	279
2025	Mar	03	(Mon)	08:28	78	14:54	89S	21:24	286
2025	Mar	04	(Tue)	09:14	71	15:48	86N	22:26	292
2025	Mar	05	(Wed)	10:03	66	16:44	82N	23:29	296
2025	Mar	06	(Thu)	10:56	62	17:44	78N		
2025	Mar	07	(Fri)	11:54	60	18:44	77N	00:33	299
2025	Mar	08	(Sat)	12:54	60	19:43	78N	01:34	300
2025	Mar	09	(Sun)	13:54	62	20:39	80N	02:31	299
2025	Mar	10	(Mon)	14:51	66	21:31	84N	03:22	296
2025	Mar	11	(Tue)	15:46	71	22:19	89N	04:08	292
2025	Mar	12	(Wed)	16:38	76	23:03	87S	04:48	287
2025	Mar	13	(Thu)	17:26	82	23:45	81S	05:25	281
2025	Mar	14	(Fri)	18:13	88			06:00	275
2025	Mar	15	(Sat)	18:59	94	00:25	75S	06:32	269
2025	Mar	16	(Sun)	19:46	100	01:04	69S	07:05	263
2025	Mar	17	(Mon)	20:33	106	01:44	64S	07:39	257
2025	Mar	18	(Tue)	21:22	111	02:25	58S	08:15	252
2025	Mar	19	(Wed)	22:13	115	03:09	54S	08:54	247
2025	Mar	20	(Thu)	23:06	118	03:56	50S	09:36	243
2025	Mar	21	(Fri)			04:46	47S	10:24	241
2025	Mar	22	(Sat)	00:01	120	05:38	46S	11:16	240
2025	Mar	23	(Sun)	00:56	120	06:33	46S	12:12	241
2025	Mar	24	(Mon)	01:49	118	07:29	48S	13:10	243
2025	Mar	25	(Tue)	02:39	115	08:23	52S	14:10	247
2025	Mar	26	(Wed)	03:26	110	09:16	57S	15:09	253
2025	Mar	27	(Thu)	04:11	104	10:07	63S	16:08	259
2025	Mar	28	(Fri)	04:53	97	10:58	70S	17:06	267
2025	Mar	29	(Sat)	05:35	89	11:48	78S	18:06	275
2025	Mar	30	(Sun)	06:18	82	12:40	85S	19:06	282
2025	Mar	31	(Mon)	07:04	74	13:35	89N	20:10	289
2025	Apr	01	(Tue)	07:53	68	14:32	83N	21:15	295
2025	Apr	02	(Wed)	08:47	64	15:33	79N	22:21	298
2025	Apr	03	(Thu)	09:45	61	16:35	77N	23:26	300
2025	Apr	04	(Fri)	10:46	60	17:37	77N		
2025	Apr	05	(Sat)	11:48	62	18:35	79N	00:26	299
2025	Apr	06	(Sun)	12:47	65	19:29	83N	01:20	297
2025	Apr	07	(Mon)	13:42	69	20:17	87N	02:07	293

2025 Apr 08 (Tue)	14:34 74	21:02 89S	02:49 288
2025 Apr 09 (Wed)	15:23 80	21:44 83S	03:27 283
2025 Apr 10 (Thu)	16:10 86	22:24 77S	04:01 277
2025 Apr 11 (Fri)	16:56 92	23:03 71S	04:34 271
2025 Apr 12 (Sat)	17:42 98	23:43 66S	05:07 265
2025 Apr 13 (Sun)	18:29 104		05:40 259
2025 Apr 14 (Mon)	19:18 109	00:23 60S	06:15 253
2025 Apr 15 (Tue)	20:08 114	01:06 55S	06:53 249
2025 Apr 16 (Wed)	21:01 117	01:52 51S	07:34 245
2025 Apr 17 (Thu)	21:55 119	02:41 48S	08:20 242
2025 Apr 18 (Fri)	22:49 120	03:32 46S	09:10 240
2025 Apr 19 (Sat)	23:41 119	04:26 46S	10:04 240
2025 Apr 20 (Sun)		05:20 47S	11:00 242
2025 Apr 21 (Mon)	00:31 116	06:13 50S	11:57 245
2025 Apr 22 (Tue)	01:18 112	07:05 55S	12:55 250
2025 Apr 23 (Wed)	02:02 107	07:55 60S	13:52 256
2025 Apr 24 (Thu)	02:44 100	08:45 67S	14:49 263
2025 Apr 25 (Fri)	03:25 93	09:34 74S	15:46 271
2025 Apr 26 (Sat)	04:07 86	10:24 81S	16:45 278
2025 Apr 27 (Sun)	04:51 78	11:17 89S	17:47 286
2025 Apr 28 (Mon)	05:38 71	12:13 86N	18:53 292
2025 Apr 29 (Tue)	06:31 66	13:14 81N	20:01 297
2025 Apr 30 (Wed)	07:29 62	14:18 78N	21:09 299
2025 May 01 (Thu)	08:32 60	15:23 77N	22:13 300
2025 May 02 (Fri)	09:35 61	16:25 78N	23:12 298
2025 May 03 (Sat)	10:38 64	17:22 81N	
2025 May 04 (Sun)	11:36 68	18:14 86N	00:03 294
2025 May 05 (Mon)	12:30 73	19:00 91S	00:48 290
2025 May 06 (Tue)	13:20 78	19:43 85S	01:27 284
2025 May 07 (Wed)	14:08 84	20:24 79S	02:03 279
2025 May 08 (Thu)	14:54 91	21:03 73S	02:36 273
2025 May 09 (Fri)	15:40 97	21:42 67S	03:09 266
2025 May 10 (Sat)	16:26 102	22:22 62S	03:41 261
2025 May 11 (Sun)	17:14 108	23:05 57S	04:16 255
2025 May 12 (Mon)	18:04 112	23:49 52S	04:53 250
2025 May 13 (Tue)	18:56 116		05:33 246
2025 May 14 (Wed)	19:50 119	00:37 49S	06:17 243
2025 May 15 (Thu)	20:44 120	01:28 47S	07:06 241
2025 May 16 (Fri)	21:37 119	02:22 46S	07:59 240
2025 May 17 (Sat)	22:28 117	03:15 47S	08:55 242
2025 May 18 (Sun)	23:15 113	04:08 49S	09:51 244
2025 May 19 (Mon)	23:59 109	05:00 53S	10:48 249
2025 May 20 (Tue)		05:49 58S	11:43 254
2025 May 21 (Wed)	00:40 103	06:37 64S	12:38 260
2025 May 22 (Thu)	01:20 96	07:24 71S	13:33 267
2025 May 23 (Fri)	01:59 89	08:12 78S	14:29 275
2025 May 24 (Sat)	02:41 82	09:02 85S	15:28 282
2025 May 25 (Sun)	03:25 75	09:56 89N	16:30 289
2025 May 26 (Mon)	04:15 68	10:54 84N	17:37 294
2025 May 27 (Tue)	05:10 64	11:56 80N	18:45 298
2025 May 28 (Wed)	06:11 61	13:02 78N	19:53 300
2025 May 29 (Thu)	07:16 61	14:07 78N	20:56 299
2025 May 30 (Fri)	08:21 62	15:08 80N	21:53 296
2025 May 31 (Sat)	09:23 66	16:04 84N	22:41 292
2025 Jun 01 (Sun)	10:21 71	16:54 89N	23:24 286
2025 Jun 02 (Mon)	11:14 76	17:40 87S	
2025 Jun 03 (Tue)	12:03 82	18:22 81S	00:01 281
2025 Jun 04 (Wed)	12:51 89	19:02 75S	00:36 274
2025 Jun 05 (Thu)	13:37 95	19:41 69S	01:09 268
2025 Jun 06 (Fri)	14:23 101	20:21 63S	01:42 262
2025 Jun 07 (Sat)	15:10 106	21:02 58S	02:16 257
2025 Jun 08 (Sun)	15:59 111	21:46 54S	02:52 252
2025 Jun 09 (Mon)	16:51 115	22:33 50S	03:31 247
2025 Jun 10 (Tue)	17:44 118	23:24 48S	04:14 244
2025 Jun 11 (Wed)	18:39 119		05:02 241
2025 Jun 12 (Thu)	19:33 119	00:17 46S	05:54 240
2025 Jun 13 (Fri)	20:25 118	01:11 47S	06:50 241
2025 Jun 14 (Sat)	21:13 115	02:05 49S	07:47 244
2025 Jun 15 (Sun)	21:58 110	02:57 52S	08:43 247
2025 Jun 16 (Mon)	22:39 104	03:47 57S	09:39 253
2025 Jun 17 (Tue)	23:19 98	04:35 63S	10:33 259
2025 Jun 18 (Wed)	23:57 91	05:21 69S	11:27 265

2025 Jun 19 (Thu)		06:07 76S	12:21 272
2025 Jun 20 (Fri)	00:37 84	06:55 83S	13:17 280
2025 Jun 21 (Sat)	01:18 77	07:45 89S	14:15 286
2025 Jun 22 (Sun)	02:04 71	08:39 86N	15:18 292
2025 Jun 23 (Mon)	02:55 66	09:38 81N	16:24 297
2025 Jun 24 (Tue)	03:53 62	10:41 78N	17:32 299
2025 Jun 25 (Wed)	04:55 61	11:47 77N	18:37 299
2025 Jun 26 (Thu)	06:01 61	12:50 79N	19:37 297
2025 Jun 27 (Fri)	07:06 64	13:50 82N	20:30 294
2025 Jun 28 (Sat)	08:07 69	14:43 87N	21:16 289
2025 Jun 29 (Sun)	09:03 74	15:32 89S	21:57 283
2025 Jun 30 (Mon)	09:55 80	16:16 83S	22:34 277
2025 Jul 01 (Tue)	10:44 86	16:58 77S	23:08 271
2025 Jul 02 (Wed)	11:31 93	17:38 71S	23:41 264
2025 Jul 03 (Thu)	12:17 99	18:18 65S	
2025 Jul 04 (Fri)	13:04 104	18:59 60S	00:15 259
2025 Jul 05 (Sat)	13:53 109	19:42 55S	00:50 253
2025 Jul 06 (Sun)	14:43 114	20:28 51S	01:28 248
2025 Jul 07 (Mon)	15:36 117	21:17 48S	02:10 245
2025 Jul 08 (Tue)	16:31 119	22:09 47S	02:56 242
2025 Jul 09 (Wed)	17:26 120	23:04 46S	03:47 241
2025 Jul 10 (Thu)	18:19 118	23:58 48S	04:42 241
2025 Jul 11 (Fri)	19:09 116		05:39 243
2025 Jul 12 (Sat)	19:56 111	00:52 51S	06:37 246
2025 Jul 13 (Sun)	20:39 106	01:43 55S	07:34 251
2025 Jul 14 (Mon)	21:19 100	02:32 61S	08:29 257
2025 Jul 15 (Tue)	21:58 93	03:19 67S	09:23 263
2025 Jul 16 (Wed)	22:37 86	04:06 74S	10:17 270
2025 Jul 17 (Thu)	23:17 79	04:52 81S	11:12 278
2025 Jul 18 (Fri)	24:00 73	05:40 88S	12:08 284
2025 Jul 19 (Sat)		06:32 88N	13:08 290
2025 Jul 20 (Sun)	00:48 67	07:28 83N	14:11 295
2025 Jul 21 (Mon)	01:41 63	08:28 79N	15:17 298
2025 Jul 22 (Tue)	02:40 61	09:31 77N	16:22 300
2025 Jul 23 (Wed)	03:44 61	10:34 78N	17:23 299
2025 Jul 24 (Thu)	04:48 63	11:35 80N	18:19 296
2025 Jul 25 (Fri)	05:51 66	12:31 84N	19:07 291
2025 Jul 26 (Sat)	06:49 72	13:22 90N	19:51 285
2025 Jul 27 (Sun)	07:44 77	14:08 86S	20:29 279
2025 Jul 28 (Mon)	08:34 84	14:51 80S	21:05 273
2025 Jul 29 (Tue)	09:23 90	15:33 74S	21:39 267
2025 Jul 30 (Wed)	10:10 96	16:13 68S	22:12 261
2025 Jul 31 (Thu)	10:57 102	16:54 62S	22:47 255
2025 Aug 01 (Fri)	11:45 108	17:36 57S	23:24 250
2025 Aug 02 (Sat)	12:35 112	18:21 53S	
2025 Aug 03 (Sun)	13:27 116	19:09 49S	00:04 246
2025 Aug 04 (Mon)	14:21 119	19:59 47S	00:48 243
2025 Aug 05 (Tue)	15:15 120	20:53 46S	01:37 241
2025 Aug 06 (Wed)	16:10 119	21:48 47S	02:31 240
2025 Aug 07 (Thu)	17:01 117	22:42 49S	03:27 242
2025 Aug 08 (Fri)	17:50 113	23:35 53S	04:26 244
2025 Aug 09 (Sat)	18:35 108		05:24 249
2025 Aug 10 (Sun)	19:17 102	00:26 59S	06:21 255
2025 Aug 11 (Mon)	19:57 95	01:15 65S	07:17 261
2025 Aug 12 (Tue)	20:36 88	02:02 72S	08:12 268
2025 Aug 13 (Wed)	21:16 81	02:50 79S	09:07 275
2025 Aug 14 (Thu)	21:59 74	03:38 86S	10:04 283
2025 Aug 15 (Fri)	22:45 69	04:29 89N	11:03 289
2025 Aug 16 (Sat)	23:36 64	05:23 84N	12:04 294
2025 Aug 17 (Sun)		06:21 80N	13:08 298
2025 Aug 18 (Mon)	00:33 61	07:22 78N	14:12 300
2025 Aug 19 (Tue)	01:33 60	08:24 77N	15:14 299
2025 Aug 20 (Wed)	02:36 62	09:24 79N	16:10 297
2025 Aug 21 (Thu)	03:38 65	10:21 83N	17:01 293
2025 Aug 22 (Fri)	04:38 69	11:13 87N	17:45 288
2025 Aug 23 (Sat)	05:33 75	12:01 88S	18:25 282
2025 Aug 24 (Sun)	06:25 81	12:45 82S	19:02 276
2025 Aug 25 (Mon)	07:15 87	13:27 76S	19:36 269
2025 Aug 26 (Tue)	08:02 94	14:08 70S	20:10 263
2025 Aug 27 (Wed)	08:50 100	14:49 64S	20:45 257
2025 Aug 28 (Thu)	09:38 106	15:31 59S	21:21 252
2025 Aug 29 (Fri)	10:27 111	16:14 54S	21:59 247

2025 Aug 30 (Sat)	11:18 115	17:01 50S	22:42 244
2025 Aug 31 (Sun)	12:11 118	17:50 48S	23:28 241
2025 Sep 01 (Mon)	13:04 119	18:42 46S	
2025 Sep 02 (Tue)	13:58 120	19:36 46S	00:19 240
2025 Sep 03 (Wed)	14:51 118	20:30 48S	01:14 241
2025 Sep 04 (Thu)	15:40 115	21:23 51S	02:11 243
2025 Sep 05 (Fri)	16:27 111	22:15 56S	03:09 247
2025 Sep 06 (Sat)	17:10 105	23:05 62S	04:07 252
2025 Sep 07 (Sun)	17:52 98	23:54 69S	05:04 258
2025 Sep 08 (Mon)	18:32 91		06:00 265
2025 Sep 09 (Tue)	19:13 84	00:42 76S	06:57 273
2025 Sep 10 (Wed)	19:55 77	01:31 83S	07:54 280
2025 Sep 11 (Thu)	20:41 70	02:23 90S	08:54 287
2025 Sep 12 (Fri)	21:32 65	03:17 85N	09:57 293
2025 Sep 13 (Sat)	22:28 62	04:15 81N	11:01 297
2025 Sep 14 (Sun)	23:28 60	05:16 78N	12:06 299
2025 Sep 15 (Mon)		06:18 77N	13:08 300
2025 Sep 16 (Tue)	00:30 61	07:19 78N	14:06 298
2025 Sep 17 (Wed)	01:31 63	08:16 81N	14:57 294
2025 Sep 18 (Thu)	02:31 68	09:08 86N	15:43 290
2025 Sep 19 (Fri)	03:26 73	09:57 91S	16:23 284
2025 Sep 20 (Sat)	04:19 79	10:41 85S	17:01 278
2025 Sep 21 (Sun)	05:08 85	11:24 79S	17:35 272
2025 Sep 22 (Mon)	05:56 91	12:04 72S	18:09 266
2025 Sep 23 (Tue)	06:44 98	12:45 66S	18:43 260
2025 Sep 24 (Wed)	07:31 103	13:26 61S	19:19 254
2025 Sep 25 (Thu)	08:20 109	14:09 56S	19:56 249
2025 Sep 26 (Fri)	09:10 113	14:55 52S	20:37 245
2025 Sep 27 (Sat)	10:02 117	15:43 49S	21:22 242
2025 Sep 28 (Sun)	10:55 119	16:33 47S	22:10 240
2025 Sep 29 (Mon)	11:48 120	17:25 46S	23:03 240
2025 Sep 30 (Tue)	12:40 119	18:18 47S	23:58 242
2025 Oct 01 (Wed)	13:30 117	19:11 50S	
2025 Oct 02 (Thu)	14:17 113	20:03 54S	00:54 245
2025 Oct 03 (Fri)	15:01 108	20:52 59S	01:51 249
2025 Oct 04 (Sat)	15:43 102	21:41 65S	02:47 255
2025 Oct 05 (Sun)	16:23 95	22:30 72S	03:43 262
2025 Oct 06 (Mon)	17:04 87	23:19 80S	04:40 269
2025 Oct 07 (Tue)	17:47 80		05:38 276
2025 Oct 08 (Wed)	18:33 73	00:10 87S	06:38 284
2025 Oct 09 (Thu)	19:23 67	01:05 88N	07:42 290
2025 Oct 10 (Fri)	20:19 63	02:04 83N	08:48 295
2025 Oct 11 (Sat)	21:19 61	03:06 79N	09:55 299
2025 Oct 12 (Sun)	22:22 61	04:10 77N	11:01 300
2025 Oct 13 (Mon)	23:25 63	05:12 78N	12:01 299
2025 Oct 14 (Tue)		06:12 80N	12:55 296
2025 Oct 15 (Wed)	00:26 66	07:06 84N	13:42 291
2025 Oct 16 (Thu)	01:22 71	07:55 89N	14:24 286
2025 Oct 17 (Fri)	02:15 77	08:40 87S	15:02 280
2025 Oct 18 (Sat)	03:05 83	09:22 81S	15:37 274
2025 Oct 19 (Sun)	03:53 89	10:03 74S	16:10 268
2025 Oct 20 (Mon)	04:40 95	10:43 68S	16:44 262
2025 Oct 21 (Tue)	05:27 101	11:24 63S	17:19 256
2025 Oct 22 (Wed)	06:15 107	12:06 57S	17:55 251
2025 Oct 23 (Thu)	07:05 112	12:51 53S	18:35 246
2025 Oct 24 (Fri)	07:56 116	13:38 50S	19:18 243
2025 Oct 25 (Sat)	08:49 118	14:27 47S	20:05 241
2025 Oct 26 (Sun)	09:41 120	15:19 46S	20:56 240
2025 Oct 27 (Mon)	10:33 119	16:11 47S	21:49 241
2025 Oct 28 (Tue)	11:23 118	17:03 49S	22:44 244
2025 Oct 29 (Wed)	12:10 115	17:53 52S	23:39 247
2025 Oct 30 (Thu)	12:54 110	18:42 57S	
2025 Oct 31 (Fri)	13:35 105	19:30 62S	00:34 252
2025 Nov 01 (Sat)	14:15 98	20:17 69S	01:28 258
2025 Nov 02 (Sun)	14:54 91	21:04 76S	02:23 265
2025 Nov 03 (Mon)	15:35 84	21:54 83S	03:19 272
2025 Nov 04 (Tue)	16:19 77	22:47 90S	04:17 280
2025 Nov 05 (Wed)	17:08 70	23:44 85N	05:19 287
2025 Nov 06 (Thu)	18:02 65		06:25 293
2025 Nov 07 (Fri)	19:02 62	00:47 81N	07:34 297
2025 Nov 08 (Sat)	20:07 61	01:52 78N	08:44 299
2025 Nov 09 (Sun)	21:13 62	02:59 78N	09:49 299

2025 Nov 10 (Mon)	22:17 65	04:02 79N	10:47 297
2025 Nov 11 (Tue)	23:16 70	04:59 83N	11:39 293
2025 Nov 12 (Wed)		05:52 88N	12:23 288
2025 Nov 13 (Thu)	00:11 75	06:39 88S	13:02 282
2025 Nov 14 (Fri)	01:02 81	07:22 82S	13:38 276
2025 Nov 15 (Sat)	01:50 87	08:03 76S	14:12 269
2025 Nov 16 (Sun)	02:37 94	08:43 70S	14:45 263
2025 Nov 17 (Mon)	03:24 100	09:23 64S	15:20 258
2025 Nov 18 (Tue)	04:12 105	10:05 59S	15:55 252
2025 Nov 19 (Wed)	05:01 110	10:49 54S	16:34 248
2025 Nov 20 (Thu)	05:51 114	11:35 51S	17:16 244
2025 Nov 21 (Fri)	06:44 117	12:24 48S	18:02 242
2025 Nov 22 (Sat)	07:37 119	13:15 47S	18:52 241
2025 Nov 23 (Sun)	08:29 119	14:07 47S	19:45 241
2025 Nov 24 (Mon)	09:19 118	14:58 48S	20:39 243
2025 Nov 25 (Tue)	10:06 116	15:49 51S	21:33 246
2025 Nov 26 (Wed)	10:50 112	16:37 55S	22:26 251
2025 Nov 27 (Thu)	11:31 107	17:24 60S	23:19 256
2025 Nov 28 (Fri)	12:10 101	18:09 66S	
2025 Nov 29 (Sat)	12:48 94	18:55 73S	00:12 262
2025 Nov 30 (Sun)	13:27 87	19:41 80S	01:05 269
2025 Dec 01 (Mon)	14:08 80	20:31 87S	02:00 276
2025 Dec 02 (Tue)	14:52 73	21:24 88N	02:58 283
2025 Dec 03 (Wed)	15:43 68	22:23 83N	04:00 290
2025 Dec 04 (Thu)	16:40 63	23:28 79N	05:08 295
2025 Dec 05 (Fri)	17:44 61		06:18 298
2025 Dec 06 (Sat)	18:52 61	00:35 78N	07:27 299
2025 Dec 07 (Sun)	19:59 63	01:42 78N	08:31 298
2025 Dec 08 (Mon)	21:03 68	02:45 81N	09:27 294
2025 Dec 09 (Tue)	22:02 73	03:41 86N	10:16 290
2025 Dec 10 (Wed)	22:56 79	04:32 90S	10:59 284
2025 Dec 11 (Thu)	23:46 85	05:18 84S	11:37 278
2025 Dec 12 (Fri)		06:01 78S	12:12 271
2025 Dec 13 (Sat)	00:34 92	06:42 72S	12:46 265
2025 Dec 14 (Sun)	01:21 98	07:22 66S	13:20 259
2025 Dec 15 (Mon)	02:08 104	08:03 61S	13:55 254
2025 Dec 16 (Tue)	02:57 109	08:46 56S	14:33 249
2025 Dec 17 (Wed)	03:47 113	09:31 52S	15:14 245
2025 Dec 18 (Thu)	04:39 117	10:20 49S	15:59 242
2025 Dec 19 (Fri)	05:32 119	11:10 47S	16:48 241
2025 Dec 20 (Sat)	06:25 119	12:02 47S	17:40 241
2025 Dec 21 (Sun)	07:16 119	12:55 48S	18:34 242
2025 Dec 22 (Mon)	08:04 116	13:46 50S	19:29 245
2025 Dec 23 (Tue)	08:49 113	14:35 54S	20:23 249
2025 Dec 24 (Wed)	09:31 108	15:22 59S	21:16 255
2025 Dec 25 (Thu)	10:10 102	16:07 64S	22:07 261
2025 Dec 26 (Fri)	10:47 96	16:51 71S	22:59 267
2025 Dec 27 (Sat)	11:25 89	17:36 77S	23:51 274
2025 Dec 28 (Sun)	12:03 83	18:22 84S	
2025 Dec 29 (Mon)	12:44 76	19:12 90S	00:46 281
2025 Dec 30 (Tue)	13:30 70	20:06 85N	01:44 287
2025 Dec 31 (Wed)	14:22 65	21:06 81N	02:46 293