

Sun

Krabi

Location: E 98°43'48.0", N 8°13'01.2", 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)	05:50	06:39	113	12:28 59S	18:18	247	19:07
2024	Jan	02 (Tue)	05:50	06:39	113	12:29 60S	18:19	247	19:07
2024	Jan	03 (Wed)	05:51	06:39	113	12:29 60S	18:19	247	19:08
2024	Jan	04 (Thu)	05:51	06:40	113	12:30 60S	18:20	247	19:08
2024	Jan	05 (Fri)	05:51	06:40	113	12:30 60S	18:20	247	19:09
2024	Jan	06 (Sat)	05:52	06:41	113	12:31 60S	18:21	247	19:09
2024	Jan	07 (Sun)	05:52	06:41	113	12:31 60S	18:21	247	19:10
2024	Jan	08 (Mon)	05:53	06:41	112	12:31 60S	18:22	248	19:10
2024	Jan	09 (Tue)	05:53	06:42	112	12:32 60S	18:22	248	19:11
2024	Jan	10 (Wed)	05:53	06:42	112	12:32 60S	18:23	248	19:11
2024	Jan	11 (Thu)	05:54	06:42	112	12:33 61S	18:23	248	19:12
2024	Jan	12 (Fri)	05:54	06:43	112	12:33 61S	18:24	248	19:12
2024	Jan	13 (Sat)	05:55	06:43	112	12:33 61S	18:24	248	19:12
2024	Jan	14 (Sun)	05:55	06:43	112	12:34 61S	18:25	249	19:13
2024	Jan	15 (Mon)	05:55	06:43	111	12:34 61S	18:25	249	19:13
2024	Jan	16 (Tue)	05:55	06:44	111	12:35 61S	18:26	249	19:14
2024	Jan	17 (Wed)	05:56	06:44	111	12:35 62S	18:26	249	19:14
2024	Jan	18 (Thu)	05:56	06:44	111	12:35 62S	18:26	249	19:15
2024	Jan	19 (Fri)	05:56	06:44	111	12:36 62S	18:27	250	19:15
2024	Jan	20 (Sat)	05:57	06:44	110	12:36 62S	18:27	250	19:15
2024	Jan	21 (Sun)	05:57	06:45	110	12:36 62S	18:28	250	19:16
2024	Jan	22 (Mon)	05:57	06:45	110	12:36 63S	18:28	250	19:16
2024	Jan	23 (Tue)	05:57	06:45	110	12:37 63S	18:29	250	19:16
2024	Jan	24 (Wed)	05:57	06:45	109	12:37 63S	18:29	251	19:17
2024	Jan	25 (Thu)	05:57	06:45	109	12:37 63S	18:29	251	19:17
2024	Jan	26 (Fri)	05:58	06:45	109	12:37 64S	18:30	251	19:17
2024	Jan	27 (Sat)	05:58	06:45	109	12:38 64S	18:30	251	19:18
2024	Jan	28 (Sun)	05:58	06:45	108	12:38 64S	18:31	252	19:18
2024	Jan	29 (Mon)	05:58	06:45	108	12:38 64S	18:31	252	19:18
2024	Jan	30 (Tue)	05:58	06:45	108	12:38 65S	18:31	252	19:18
2024	Jan	31 (Wed)	05:58	06:45	108	12:38 65S	18:32	252	19:19
2024	Feb	01 (Thu)	05:58	06:45	107	12:39 65S	18:32	253	19:19
2024	Feb	02 (Fri)	05:58	06:45	107	12:39 66S	18:32	253	19:19
2024	Feb	03 (Sat)	05:58	06:45	107	12:39 66S	18:32	253	19:19
2024	Feb	04 (Sun)	05:58	06:45	106	12:39 66S	18:33	254	19:20
2024	Feb	05 (Mon)	05:58	06:45	106	12:39 66S	18:33	254	19:20
2024	Feb	06 (Tue)	05:58	06:45	106	12:39 67S	18:33	254	19:20
2024	Feb	07 (Wed)	05:58	06:45	106	12:39 67S	18:34	255	19:20
2024	Feb	08 (Thu)	05:58	06:45	105	12:39 67S	18:34	255	19:20
2024	Feb	09 (Fri)	05:58	06:45	105	12:39 68S	18:34	255	19:21
2024	Feb	10 (Sat)	05:58	06:44	105	12:39 68S	18:34	256	19:21
2024	Feb	11 (Sun)	05:58	06:44	104	12:39 68S	18:34	256	19:21
2024	Feb	12 (Mon)	05:58	06:44	104	12:39 69S	18:35	256	19:21
2024	Feb	13 (Tue)	05:58	06:44	104	12:39 69S	18:35	257	19:21
2024	Feb	14 (Wed)	05:57	06:44	103	12:39 69S	18:35	257	19:21
2024	Feb	15 (Thu)	05:57	06:43	103	12:39 70S	18:35	257	19:21
2024	Feb	16 (Fri)	05:57	06:43	103	12:39 70S	18:35	258	19:21
2024	Feb	17 (Sat)	05:57	06:43	102	12:39 70S	18:35	258	19:21
2024	Feb	18 (Sun)	05:57	06:43	102	12:39 71S	18:36	258	19:22
2024	Feb	19 (Mon)	05:56	06:42	102	12:39 71S	18:36	259	19:22
2024	Feb	20 (Tue)	05:56	06:42	101	12:39 71S	18:36	259	19:22
2024	Feb	21 (Wed)	05:56	06:42	101	12:39 72S	18:36	259	19:22
2024	Feb	22 (Thu)	05:56	06:41	100	12:39 72S	18:36	260	19:22
2024	Feb	23 (Fri)	05:55	06:41	100	12:39 72S	18:36	260	19:22
2024	Feb	24 (Sat)	05:55	06:41	100	12:38 73S	18:36	260	19:22
2024	Feb	25 (Sun)	05:55	06:40	99	12:38 73S	18:36	261	19:22
2024	Feb	26 (Mon)	05:54	06:40	99	12:38 74S	18:36	261	19:22
2024	Feb	27 (Tue)	05:54	06:40	99	12:38 74S	18:36	262	19:22
2024	Feb	28 (Wed)	05:54	06:39	98	12:38 74S	18:36	262	19:22
2024	Feb	29 (Thu)	05:53	06:39	98	12:38 75S	18:36	262	19:22

2024	Mar	01	(Fri)	05:53	06:38	97	12:37	75S	18:36	263	19:22
2024	Mar	02	(Sat)	05:53	06:38	97	12:37	75S	18:36	263	19:22
2024	Mar	03	(Sun)	05:52	06:37	97	12:37	76S	18:36	264	19:22
2024	Mar	04	(Mon)	05:52	06:37	96	12:37	76S	18:36	264	19:22
2024	Mar	05	(Tue)	05:51	06:37	96	12:36	77S	18:36	264	19:22
2024	Mar	06	(Wed)	05:51	06:36	96	12:36	77S	18:36	265	19:22
2024	Mar	07	(Thu)	05:50	06:36	95	12:36	77S	18:36	265	19:22
2024	Mar	08	(Fri)	05:50	06:35	95	12:36	78S	18:36	265	19:22
2024	Mar	09	(Sat)	05:50	06:35	94	12:36	78S	18:36	266	19:22
2024	Mar	10	(Sun)	05:49	06:34	94	12:35	79S	18:36	266	19:22
2024	Mar	11	(Mon)	05:49	06:34	94	12:35	79S	18:36	267	19:22
2024	Mar	12	(Tue)	05:48	06:33	93	12:35	79S	18:36	267	19:21
2024	Mar	13	(Wed)	05:48	06:33	93	12:34	80S	18:36	267	19:21
2024	Mar	14	(Thu)	05:47	06:32	92	12:34	80S	18:36	268	19:21
2024	Mar	15	(Fri)	05:47	06:32	92	12:34	81S	18:36	268	19:21
2024	Mar	16	(Sat)	05:46	06:31	92	12:34	81S	18:36	269	19:21
2024	Mar	17	(Sun)	05:46	06:31	91	12:33	81S	18:36	269	19:21
2024	Mar	18	(Mon)	05:45	06:30	91	12:33	82S	18:36	269	19:21
2024	Mar	19	(Tue)	05:45	06:30	90	12:33	82S	18:36	270	19:21
2024	Mar	20	(Wed)	05:44	06:29	90	12:32	83S	18:36	270	19:21
2024	Mar	21	(Thu)	05:44	06:29	90	12:32	83S	18:36	271	19:21
2024	Mar	22	(Fri)	05:43	06:28	89	12:32	83S	18:36	271	19:21
2024	Mar	23	(Sat)	05:43	06:28	89	12:32	84S	18:36	271	19:21
2024	Mar	24	(Sun)	05:42	06:27	88	12:31	84S	18:36	272	19:21
2024	Mar	25	(Mon)	05:41	06:27	88	12:31	85S	18:35	272	19:21
2024	Mar	26	(Tue)	05:41	06:26	88	12:31	85S	18:35	273	19:21
2024	Mar	27	(Wed)	05:40	06:26	87	12:30	85S	18:35	273	19:21
2024	Mar	28	(Thu)	05:40	06:25	87	12:30	86S	18:35	273	19:21
2024	Mar	29	(Fri)	05:39	06:24	86	12:30	86S	18:35	274	19:20
2024	Mar	30	(Sat)	05:39	06:24	86	12:29	86S	18:35	274	19:20
2024	Mar	31	(Sun)	05:38	06:23	86	12:29	87S	18:35	275	19:20
2024	Apr	01	(Mon)	05:38	06:23	85	12:29	87S	18:35	275	19:20
2024	Apr	02	(Tue)	05:37	06:22	85	12:29	88S	18:35	275	19:20
2024	Apr	03	(Wed)	05:36	06:22	84	12:28	88S	18:35	276	19:20
2024	Apr	04	(Thu)	05:36	06:21	84	12:28	88S	18:35	276	19:20
2024	Apr	05	(Fri)	05:35	06:21	84	12:28	89S	18:35	277	19:20
2024	Apr	06	(Sat)	05:35	06:20	83	12:27	89S	18:35	277	19:20
2024	Apr	07	(Sun)	05:34	06:20	83	12:27	90S	18:35	277	19:20
2024	Apr	08	(Mon)	05:34	06:19	83	12:27	90S	18:35	278	19:20
2024	Apr	09	(Tue)	05:33	06:19	82	12:27	90S	18:34	278	19:20
2024	Apr	10	(Wed)	05:33	06:18	82	12:26	91S	18:34	278	19:20
2024	Apr	11	(Thu)	05:32	06:18	81	12:26	90N	18:34	279	19:20
2024	Apr	12	(Fri)	05:32	06:17	81	12:26	90N	18:34	279	19:20
2024	Apr	13	(Sat)	05:31	06:17	81	12:26	90N	18:34	280	19:20
2024	Apr	14	(Sun)	05:31	06:16	80	12:25	89N	18:34	280	19:20
2024	Apr	15	(Mon)	05:30	06:16	80	12:25	89N	18:34	280	19:20
2024	Apr	16	(Tue)	05:29	06:16	80	12:25	89N	18:34	281	19:20
2024	Apr	17	(Wed)	05:29	06:15	79	12:25	88N	18:34	281	19:20
2024	Apr	18	(Thu)	05:28	06:15	79	12:24	88N	18:34	281	19:20
2024	Apr	19	(Fri)	05:28	06:14	78	12:24	88N	18:34	282	19:20
2024	Apr	20	(Sat)	05:28	06:14	78	12:24	87N	18:34	282	19:21
2024	Apr	21	(Sun)	05:27	06:13	78	12:24	87N	18:34	282	19:21
2024	Apr	22	(Mon)	05:27	06:13	77	12:24	87N	18:34	283	19:21
2024	Apr	23	(Tue)	05:26	06:13	77	12:23	86N	18:34	283	19:21
2024	Apr	24	(Wed)	05:26	06:12	77	12:23	86N	18:34	283	19:21
2024	Apr	25	(Thu)	05:25	06:12	76	12:23	86N	18:34	284	19:21
2024	Apr	26	(Fri)	05:25	06:11	76	12:23	85N	18:34	284	19:21
2024	Apr	27	(Sat)	05:24	06:11	76	12:23	85N	18:34	284	19:21
2024	Apr	28	(Sun)	05:24	06:11	75	12:23	85N	18:34	285	19:21
2024	Apr	29	(Mon)	05:23	06:10	75	12:22	84N	18:35	285	19:21
2024	Apr	30	(Tue)	05:23	06:10	75	12:22	84N	18:35	285	19:22
2024	May	01	(Wed)	05:23	06:10	75	12:22	84N	18:35	286	19:22
2024	May	02	(Thu)	05:22	06:09	74	12:22	83N	18:35	286	19:22
2024	May	03	(Fri)	05:22	06:09	74	12:22	83N	18:35	286	19:22
2024	May	04	(Sat)	05:22	06:09	74	12:22	83N	18:35	286	19:22
2024	May	05	(Sun)	05:21	06:09	73	12:22	83N	18:35	287	19:22
2024	May	06	(Mon)	05:21	06:08	73	12:22	82N	18:35	287	19:23
2024	May	07	(Tue)	05:21	06:08	73	12:22	82N	18:35	287	19:23
2024	May	08	(Wed)	05:20	06:08	73	12:22	82N	18:35	288	19:23
2024	May	09	(Thu)	05:20	06:08	72	12:22	81N	18:36	288	19:23
2024	May	10	(Fri)	05:20	06:07	72	12:21	81N	18:36	288	19:23
2024	May	11	(Sat)	05:19	06:07	72	12:21	81N	18:36	288	19:24

2024	May	12	(Sun)	05:19	06:07	71	12:21	81N	18:36	289	19:24
2024	May	13	(Mon)	05:19	06:07	71	12:21	80N	18:36	289	19:24
2024	May	14	(Tue)	05:19	06:07	71	12:21	80N	18:36	289	19:24
2024	May	15	(Wed)	05:18	06:07	71	12:21	80N	18:36	289	19:25
2024	May	16	(Thu)	05:18	06:06	71	12:21	80N	18:37	290	19:25
2024	May	17	(Fri)	05:18	06:06	70	12:22	79N	18:37	290	19:25
2024	May	18	(Sat)	05:18	06:06	70	12:22	79N	18:37	290	19:25
2024	May	19	(Sun)	05:18	06:06	70	12:22	79N	18:37	290	19:26
2024	May	20	(Mon)	05:17	06:06	70	12:22	79N	18:37	290	19:26
2024	May	21	(Tue)	05:17	06:06	69	12:22	79N	18:38	291	19:26
2024	May	22	(Wed)	05:17	06:06	69	12:22	78N	18:38	291	19:26
2024	May	23	(Thu)	05:17	06:06	69	12:22	78N	18:38	291	19:27
2024	May	24	(Fri)	05:17	06:06	69	12:22	78N	18:38	291	19:27
2024	May	25	(Sat)	05:17	06:06	69	12:22	78N	18:38	291	19:27
2024	May	26	(Sun)	05:17	06:06	68	12:22	78N	18:39	292	19:28
2024	May	27	(Mon)	05:17	06:06	68	12:22	78N	18:39	292	19:28
2024	May	28	(Tue)	05:17	06:06	68	12:22	77N	18:39	292	19:28
2024	May	29	(Wed)	05:17	06:06	68	12:23	77N	18:39	292	19:28
2024	May	30	(Thu)	05:17	06:06	68	12:23	77N	18:40	292	19:29
2024	May	31	(Fri)	05:17	06:06	68	12:23	77N	18:40	292	19:29
2024	Jun	01	(Sat)	05:17	06:06	68	12:23	77N	18:40	293	19:29
2024	Jun	02	(Sun)	05:17	06:06	67	12:23	77N	18:40	293	19:30
2024	Jun	03	(Mon)	05:17	06:06	67	12:23	77N	18:41	293	19:30
2024	Jun	04	(Tue)	05:17	06:06	67	12:23	76N	18:41	293	19:30
2024	Jun	05	(Wed)	05:17	06:06	67	12:24	76N	18:41	293	19:31
2024	Jun	06	(Thu)	05:17	06:06	67	12:24	76N	18:41	293	19:31
2024	Jun	07	(Fri)	05:17	06:06	67	12:24	76N	18:42	293	19:31
2024	Jun	08	(Sat)	05:17	06:07	67	12:24	76N	18:42	293	19:31
2024	Jun	09	(Sun)	05:17	06:07	67	12:24	76N	18:42	293	19:32
2024	Jun	10	(Mon)	05:17	06:07	67	12:25	76N	18:42	293	19:32
2024	Jun	11	(Tue)	05:17	06:07	67	12:25	76N	18:43	294	19:32
2024	Jun	12	(Wed)	05:17	06:07	66	12:25	76N	18:43	294	19:33
2024	Jun	13	(Thu)	05:18	06:07	66	12:25	76N	18:43	294	19:33
2024	Jun	14	(Fri)	05:18	06:07	66	12:25	76N	18:43	294	19:33
2024	Jun	15	(Sat)	05:18	06:08	66	12:26	76N	18:44	294	19:33
2024	Jun	16	(Sun)	05:18	06:08	66	12:26	76N	18:44	294	19:34
2024	Jun	17	(Mon)	05:18	06:08	66	12:26	76N	18:44	294	19:34
2024	Jun	18	(Tue)	05:18	06:08	66	12:26	76N	18:44	294	19:34
2024	Jun	19	(Wed)	05:19	06:08	66	12:27	75N	18:45	294	19:34
2024	Jun	20	(Thu)	05:19	06:09	66	12:27	75N	18:45	294	19:35
2024	Jun	21	(Fri)	05:19	06:09	66	12:27	75N	18:45	294	19:35
2024	Jun	22	(Sat)	05:19	06:09	66	12:27	75N	18:45	294	19:35
2024	Jun	23	(Sun)	05:20	06:09	66	12:27	76N	18:45	294	19:35
2024	Jun	24	(Mon)	05:20	06:10	66	12:28	76N	18:46	294	19:35
2024	Jun	25	(Tue)	05:20	06:10	66	12:28	76N	18:46	294	19:36
2024	Jun	26	(Wed)	05:20	06:10	66	12:28	76N	18:46	294	19:36
2024	Jun	27	(Thu)	05:21	06:10	66	12:28	76N	18:46	294	19:36
2024	Jun	28	(Fri)	05:21	06:10	66	12:28	76N	18:46	294	19:36
2024	Jun	29	(Sat)	05:21	06:11	66	12:29	76N	18:47	294	19:36
2024	Jun	30	(Sun)	05:21	06:11	66	12:29	76N	18:47	294	19:36
2024	Jul	01	(Mon)	05:22	06:11	67	12:29	76N	18:47	293	19:36
2024	Jul	02	(Tue)	05:22	06:11	67	12:29	76N	18:47	293	19:37
2024	Jul	03	(Wed)	05:22	06:12	67	12:29	76N	18:47	293	19:37
2024	Jul	04	(Thu)	05:22	06:12	67	12:30	76N	18:47	293	19:37
2024	Jul	05	(Fri)	05:23	06:12	67	12:30	76N	18:47	293	19:37
2024	Jul	06	(Sat)	05:23	06:12	67	12:30	76N	18:47	293	19:37
2024	Jul	07	(Sun)	05:23	06:13	67	12:30	76N	18:47	293	19:37
2024	Jul	08	(Mon)	05:24	06:13	67	12:30	77N	18:48	293	19:37
2024	Jul	09	(Tue)	05:24	06:13	67	12:30	77N	18:48	293	19:37
2024	Jul	10	(Wed)	05:24	06:13	67	12:31	77N	18:48	293	19:37
2024	Jul	11	(Thu)	05:24	06:14	68	12:31	77N	18:48	292	19:37
2024	Jul	12	(Fri)	05:25	06:14	68	12:31	77N	18:48	292	19:37
2024	Jul	13	(Sat)	05:25	06:14	68	12:31	77N	18:48	292	19:37
2024	Jul	14	(Sun)	05:25	06:14	68	12:31	77N	18:48	292	19:37
2024	Jul	15	(Mon)	05:25	06:14	68	12:31	77N	18:48	292	19:37
2024	Jul	16	(Tue)	05:26	06:15	68	12:31	78N	18:48	292	19:37
2024	Jul	17	(Wed)	05:26	06:15	68	12:31	78N	18:48	291	19:37
2024	Jul	18	(Thu)	05:26	06:15	69	12:31	78N	18:48	291	19:36
2024	Jul	19	(Fri)	05:26	06:15	69	12:31	78N	18:48	291	19:36
2024	Jul	20	(Sat)	05:27	06:15	69	12:32	78N	18:47	291	19:36
2024	Jul	21	(Sun)	05:27	06:16	69	12:32	79N	18:47	291	19:36
2024	Jul	22	(Mon)	05:27	06:16	69	12:32	79N	18:47	290	19:36

2024	Jul	23	(Tue)	05:27	06:16	70	12:32	79N	18:47	290	19:36
2024	Jul	24	(Wed)	05:28	06:16	70	12:32	79N	18:47	290	19:35
2024	Jul	25	(Thu)	05:28	06:16	70	12:32	79N	18:47	290	19:35
2024	Jul	26	(Fri)	05:28	06:16	70	12:32	80N	18:47	290	19:35
2024	Jul	27	(Sat)	05:28	06:17	71	12:32	80N	18:47	289	19:35
2024	Jul	28	(Sun)	05:29	06:17	71	12:32	80N	18:46	289	19:34
2024	Jul	29	(Mon)	05:29	06:17	71	12:32	80N	18:46	289	19:34
2024	Jul	30	(Tue)	05:29	06:17	71	12:32	81N	18:46	289	19:34
2024	Jul	31	(Wed)	05:29	06:17	71	12:31	81N	18:46	288	19:34
2024	Aug	01	(Thu)	05:29	06:17	72	12:31	81N	18:46	288	19:33
2024	Aug	02	(Fri)	05:30	06:17	72	12:31	81N	18:45	288	19:33
2024	Aug	03	(Sat)	05:30	06:17	72	12:31	82N	18:45	288	19:33
2024	Aug	04	(Sun)	05:30	06:17	73	12:31	82N	18:45	287	19:32
2024	Aug	05	(Mon)	05:30	06:18	73	12:31	82N	18:45	287	19:32
2024	Aug	06	(Tue)	05:30	06:18	73	12:31	82N	18:44	287	19:32
2024	Aug	07	(Wed)	05:30	06:18	73	12:31	83N	18:44	286	19:31
2024	Aug	08	(Thu)	05:30	06:18	74	12:31	83N	18:44	286	19:31
2024	Aug	09	(Fri)	05:31	06:18	74	12:31	83N	18:43	286	19:30
2024	Aug	10	(Sat)	05:31	06:18	74	12:30	84N	18:43	286	19:30
2024	Aug	11	(Sun)	05:31	06:18	75	12:30	84N	18:43	285	19:30
2024	Aug	12	(Mon)	05:31	06:18	75	12:30	84N	18:42	285	19:29
2024	Aug	13	(Tue)	05:31	06:18	75	12:30	84N	18:42	285	19:29
2024	Aug	14	(Wed)	05:31	06:18	75	12:30	85N	18:41	284	19:28
2024	Aug	15	(Thu)	05:31	06:18	76	12:30	85N	18:41	284	19:28
2024	Aug	16	(Fri)	05:31	06:18	76	12:29	85N	18:41	284	19:27
2024	Aug	17	(Sat)	05:31	06:18	76	12:29	86N	18:40	283	19:27
2024	Aug	18	(Sun)	05:31	06:18	77	12:29	86N	18:40	283	19:26
2024	Aug	19	(Mon)	05:31	06:18	77	12:29	86N	18:39	283	19:26
2024	Aug	20	(Tue)	05:31	06:18	77	12:28	87N	18:39	282	19:25
2024	Aug	21	(Wed)	05:31	06:18	78	12:28	87N	18:38	282	19:25
2024	Aug	22	(Thu)	05:31	06:18	78	12:28	87N	18:38	282	19:24
2024	Aug	23	(Fri)	05:31	06:18	78	12:28	88N	18:38	281	19:24
2024	Aug	24	(Sat)	05:31	06:18	79	12:27	88N	18:37	281	19:23
2024	Aug	25	(Sun)	05:31	06:18	79	12:27	88N	18:37	281	19:23
2024	Aug	26	(Mon)	05:31	06:17	79	12:27	89N	18:36	280	19:22
2024	Aug	27	(Tue)	05:31	06:17	80	12:27	89N	18:36	280	19:22
2024	Aug	28	(Wed)	05:31	06:17	80	12:26	89N	18:35	280	19:21
2024	Aug	29	(Thu)	05:31	06:17	81	12:26	90N	18:35	279	19:20
2024	Aug	30	(Fri)	05:31	06:17	81	12:26	90N	18:34	279	19:20
2024	Aug	31	(Sat)	05:31	06:17	81	12:25	90N	18:33	279	19:19
2024	Sep	01	(Sun)	05:31	06:17	82	12:25	91S	18:33	278	19:19
2024	Sep	02	(Mon)	05:31	06:17	82	12:25	90S	18:32	278	19:18
2024	Sep	03	(Tue)	05:31	06:17	82	12:24	90S	18:32	277	19:17
2024	Sep	04	(Wed)	05:31	06:17	83	12:24	89S	18:31	277	19:17
2024	Sep	05	(Thu)	05:31	06:17	83	12:24	89S	18:31	277	19:16
2024	Sep	06	(Fri)	05:31	06:16	83	12:23	89S	18:30	276	19:16
2024	Sep	07	(Sat)	05:31	06:16	84	12:23	88S	18:30	276	19:15
2024	Sep	08	(Sun)	05:31	06:16	84	12:23	88S	18:29	276	19:15
2024	Sep	09	(Mon)	05:31	06:16	85	12:22	88S	18:29	275	19:14
2024	Sep	10	(Tue)	05:31	06:16	85	12:22	87S	18:28	275	19:13
2024	Sep	11	(Wed)	05:30	06:16	85	12:22	87S	18:27	274	19:13
2024	Sep	12	(Thu)	05:30	06:16	86	12:21	86S	18:27	274	19:12
2024	Sep	13	(Fri)	05:30	06:16	86	12:21	86S	18:26	274	19:11
2024	Sep	14	(Sat)	05:30	06:15	87	12:21	86S	18:26	273	19:11
2024	Sep	15	(Sun)	05:30	06:15	87	12:20	85S	18:25	273	19:10
2024	Sep	16	(Mon)	05:30	06:15	87	12:20	85S	18:24	272	19:10
2024	Sep	17	(Tue)	05:30	06:15	88	12:19	85S	18:24	272	19:09
2024	Sep	18	(Wed)	05:30	06:15	88	12:19	84S	18:23	272	19:08
2024	Sep	19	(Thu)	05:30	06:15	88	12:19	84S	18:23	271	19:08
2024	Sep	20	(Fri)	05:29	06:15	89	12:18	83S	18:22	271	19:07
2024	Sep	21	(Sat)	05:29	06:14	89	12:18	83S	18:22	271	19:07
2024	Sep	22	(Sun)	05:29	06:14	90	12:18	83S	18:21	270	19:06
2024	Sep	23	(Mon)	05:29	06:14	90	12:17	82S	18:20	270	19:06
2024	Sep	24	(Tue)	05:29	06:14	90	12:17	82S	18:20	269	19:05
2024	Sep	25	(Wed)	05:29	06:14	91	12:17	81S	18:19	269	19:04
2024	Sep	26	(Thu)	05:29	06:14	91	12:16	81S	18:19	269	19:04
2024	Sep	27	(Fri)	05:29	06:14	92	12:16	81S	18:18	268	19:03
2024	Sep	28	(Sat)	05:28	06:14	92	12:16	80S	18:18	268	19:03
2024	Sep	29	(Sun)	05:28	06:13	92	12:15	80S	18:17	267	19:02
2024	Sep	30	(Mon)	05:28	06:13	93	12:15	79S	18:16	267	19:02
2024	Oct	01	(Tue)	05:28	06:13	93	12:15	79S	18:16	267	19:01
2024	Oct	02	(Wed)	05:28	06:13	94	12:14	79S	18:15	266	19:01

2024	Oct	03	(Thu)	05:28	06:13	94	12:14	78S	18:15	266	19:00
2024	Oct	04	(Fri)	05:28	06:13	94	12:14	78S	18:14	265	19:00
2024	Oct	05	(Sat)	05:28	06:13	95	12:13	78S	18:14	265	18:59
2024	Oct	06	(Sun)	05:28	06:13	95	12:13	77S	18:13	265	18:59
2024	Oct	07	(Mon)	05:27	06:13	96	12:13	77S	18:13	264	18:58
2024	Oct	08	(Tue)	05:27	06:13	96	12:13	76S	18:12	264	18:58
2024	Oct	09	(Wed)	05:27	06:13	96	12:12	76S	18:12	264	18:57
2024	Oct	10	(Thu)	05:27	06:13	97	12:12	76S	18:11	263	18:57
2024	Oct	11	(Fri)	05:27	06:13	97	12:12	75S	18:11	263	18:56
2024	Oct	12	(Sat)	05:27	06:13	97	12:12	75S	18:10	262	18:56
2024	Oct	13	(Sun)	05:27	06:13	98	12:11	75S	18:10	262	18:55
2024	Oct	14	(Mon)	05:27	06:12	98	12:11	74S	18:09	262	18:55
2024	Oct	15	(Tue)	05:27	06:12	99	12:11	74S	18:09	261	18:55
2024	Oct	16	(Wed)	05:27	06:12	99	12:11	73S	18:09	261	18:54
2024	Oct	17	(Thu)	05:27	06:12	99	12:10	73S	18:08	261	18:54
2024	Oct	18	(Fri)	05:27	06:12	100	12:10	73S	18:08	260	18:53
2024	Oct	19	(Sat)	05:27	06:13	100	12:10	72S	18:07	260	18:53
2024	Oct	20	(Sun)	05:27	06:13	100	12:10	72S	18:07	259	18:53
2024	Oct	21	(Mon)	05:27	06:13	101	12:10	72S	18:07	259	18:52
2024	Oct	22	(Tue)	05:27	06:13	101	12:10	71S	18:06	259	18:52
2024	Oct	23	(Wed)	05:27	06:13	101	12:09	71S	18:06	258	18:52
2024	Oct	24	(Thu)	05:27	06:13	102	12:09	71S	18:06	258	18:52
2024	Oct	25	(Fri)	05:27	06:13	102	12:09	70S	18:05	258	18:51
2024	Oct	26	(Sat)	05:27	06:13	103	12:09	70S	18:05	257	18:51
2024	Oct	27	(Sun)	05:27	06:13	103	12:09	70S	18:05	257	18:51
2024	Oct	28	(Mon)	05:27	06:13	103	12:09	69S	18:04	257	18:51
2024	Oct	29	(Tue)	05:27	06:13	104	12:09	69S	18:04	256	18:50
2024	Oct	30	(Wed)	05:27	06:13	104	12:09	69S	18:04	256	18:50
2024	Oct	31	(Thu)	05:27	06:14	104	12:09	68S	18:04	256	18:50
2024	Nov	01	(Fri)	05:27	06:14	105	12:09	68S	18:03	255	18:50
2024	Nov	02	(Sat)	05:27	06:14	105	12:09	68S	18:03	255	18:50
2024	Nov	03	(Sun)	05:27	06:14	105	12:09	67S	18:03	255	18:50
2024	Nov	04	(Mon)	05:28	06:14	105	12:09	67S	18:03	254	18:50
2024	Nov	05	(Tue)	05:28	06:15	106	12:09	67S	18:03	254	18:50
2024	Nov	06	(Wed)	05:28	06:15	106	12:09	66S	18:03	254	18:49
2024	Nov	07	(Thu)	05:28	06:15	106	12:09	66S	18:02	253	18:49
2024	Nov	08	(Fri)	05:28	06:15	107	12:09	66S	18:02	253	18:49
2024	Nov	09	(Sat)	05:28	06:15	107	12:09	65S	18:02	253	18:49
2024	Nov	10	(Sun)	05:29	06:16	107	12:09	65S	18:02	253	18:49
2024	Nov	11	(Mon)	05:29	06:16	108	12:09	65S	18:02	252	18:49
2024	Nov	12	(Tue)	05:29	06:16	108	12:09	65S	18:02	252	18:49
2024	Nov	13	(Wed)	05:29	06:17	108	12:09	64S	18:02	252	18:49
2024	Nov	14	(Thu)	05:30	06:17	108	12:10	64S	18:02	252	18:49
2024	Nov	15	(Fri)	05:30	06:17	109	12:10	64S	18:02	251	18:50
2024	Nov	16	(Sat)	05:30	06:18	109	12:10	64S	18:02	251	18:50
2024	Nov	17	(Sun)	05:30	06:18	109	12:10	63S	18:02	251	18:50
2024	Nov	18	(Mon)	05:31	06:18	109	12:10	63S	18:02	251	18:50
2024	Nov	19	(Tue)	05:31	06:19	110	12:10	63S	18:02	250	18:50
2024	Nov	20	(Wed)	05:31	06:19	110	12:11	63S	18:02	250	18:50
2024	Nov	21	(Thu)	05:32	06:19	110	12:11	62S	18:03	250	18:50
2024	Nov	22	(Fri)	05:32	06:20	110	12:11	62S	18:03	250	18:51
2024	Nov	23	(Sat)	05:32	06:20	110	12:12	62S	18:03	249	18:51
2024	Nov	24	(Sun)	05:33	06:21	111	12:12	62S	18:03	249	18:51
2024	Nov	25	(Mon)	05:33	06:21	111	12:12	62S	18:03	249	18:51
2024	Nov	26	(Tue)	05:33	06:21	111	12:12	61S	18:03	249	18:52
2024	Nov	27	(Wed)	05:34	06:22	111	12:13	61S	18:04	249	18:52
2024	Nov	28	(Thu)	05:34	06:22	111	12:13	61S	18:04	248	18:52
2024	Nov	29	(Fri)	05:34	06:23	112	12:13	61S	18:04	248	18:52
2024	Nov	30	(Sat)	05:35	06:23	112	12:14	61S	18:04	248	18:53
2024	Dec	01	(Sun)	05:35	06:24	112	12:14	61S	18:05	248	18:53
2024	Dec	02	(Mon)	05:36	06:24	112	12:15	60S	18:05	248	18:53
2024	Dec	03	(Tue)	05:36	06:25	112	12:15	60S	18:05	248	18:54
2024	Dec	04	(Wed)	05:37	06:25	112	12:15	60S	18:05	248	18:54
2024	Dec	05	(Thu)	05:37	06:26	113	12:16	60S	18:06	247	18:54
2024	Dec	06	(Fri)	05:38	06:26	113	12:16	60S	18:06	247	18:55
2024	Dec	07	(Sat)	05:38	06:27	113	12:17	60S	18:07	247	18:55
2024	Dec	08	(Sun)	05:38	06:27	113	12:17	60S	18:07	247	18:56
2024	Dec	09	(Mon)	05:39	06:28	113	12:18	60S	18:07	247	18:56
2024	Dec	10	(Tue)	05:39	06:28	113	12:18	60S	18:08	247	18:57
2024	Dec	11	(Wed)	05:40	06:29	113	12:18	59S	18:08	247	18:57
2024	Dec	12	(Thu)	05:40	06:29	113	12:19	59S	18:09	247	18:57
2024	Dec	13	(Fri)	05:41	06:30	113	12:19	59S	18:09	247	18:58

2024	Dec 14	(Sat)	05:41	06:30	113	12:20	59S	18:09	247	18:58
2024	Dec 15	(Sun)	05:42	06:31	113	12:20	59S	18:10	247	18:59
2024	Dec 16	(Mon)	05:42	06:31	113	12:21	59S	18:10	247	18:59
2024	Dec 17	(Tue)	05:43	06:32	113	12:21	59S	18:11	246	19:00
2024	Dec 18	(Wed)	05:43	06:32	114	12:22	59S	18:11	246	19:00
2024	Dec 19	(Thu)	05:44	06:33	114	12:22	59S	18:12	246	19:01
2024	Dec 20	(Fri)	05:44	06:33	114	12:23	59S	18:12	246	19:01
2024	Dec 21	(Sat)	05:45	06:34	114	12:23	59S	18:13	246	19:02
2024	Dec 22	(Sun)	05:45	06:34	114	12:24	59S	18:13	246	19:02
2024	Dec 23	(Mon)	05:46	06:35	114	12:24	59S	18:14	246	19:03
2024	Dec 24	(Tue)	05:46	06:35	114	12:25	59S	18:14	246	19:03
2024	Dec 25	(Wed)	05:47	06:36	114	12:25	59S	18:15	246	19:04
2024	Dec 26	(Thu)	05:47	06:36	113	12:26	59S	18:15	247	19:04
2024	Dec 27	(Fri)	05:48	06:37	113	12:26	59S	18:16	247	19:05
2024	Dec 28	(Sat)	05:48	06:37	113	12:27	59S	18:16	247	19:05
2024	Dec 29	(Sun)	05:49	06:38	113	12:27	59S	18:17	247	19:06
2024	Dec 30	(Mon)	05:49	06:38	113	12:28	59S	18:17	247	19:06
2024	Dec 31	(Tue)	05:50	06:38	113	12:28	59S	18:18	247	19:07

Sun

Krabi

Location: E 98°43'48.0", N 8°13'01.2", 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)	06:16	06:39	113	12:28	59S	18:18	247	18:41
2024	Jan 02	(Tue)	06:16	06:39	113	12:29	60S	18:19	247	18:41
2024	Jan 03	(Wed)	06:17	06:39	113	12:29	60S	18:19	247	18:42
2024	Jan 04	(Thu)	06:17	06:40	113	12:30	60S	18:20	247	18:42
2024	Jan 05	(Fri)	06:18	06:40	113	12:30	60S	18:20	247	18:43
2024	Jan 06	(Sat)	06:18	06:41	113	12:31	60S	18:21	247	18:43
2024	Jan 07	(Sun)	06:18	06:41	113	12:31	60S	18:21	247	18:44
2024	Jan 08	(Mon)	06:19	06:41	112	12:31	60S	18:22	248	18:44
2024	Jan 09	(Tue)	06:19	06:42	112	12:32	60S	18:22	248	18:45
2024	Jan 10	(Wed)	06:19	06:42	112	12:32	60S	18:23	248	18:45
2024	Jan 11	(Thu)	06:20	06:42	112	12:33	61S	18:23	248	18:46
2024	Jan 12	(Fri)	06:20	06:43	112	12:33	61S	18:24	248	18:46
2024	Jan 13	(Sat)	06:20	06:43	112	12:33	61S	18:24	248	18:47
2024	Jan 14	(Sun)	06:21	06:43	112	12:34	61S	18:25	249	18:47
2024	Jan 15	(Mon)	06:21	06:43	111	12:34	61S	18:25	249	18:47
2024	Jan 16	(Tue)	06:21	06:44	111	12:35	61S	18:26	249	18:48
2024	Jan 17	(Wed)	06:22	06:44	111	12:35	62S	18:26	249	18:48
2024	Jan 18	(Thu)	06:22	06:44	111	12:35	62S	18:26	249	18:49
2024	Jan 19	(Fri)	06:22	06:44	111	12:36	62S	18:27	250	18:49
2024	Jan 20	(Sat)	06:22	06:44	110	12:36	62S	18:27	250	18:50
2024	Jan 21	(Sun)	06:22	06:45	110	12:36	62S	18:28	250	18:50
2024	Jan 22	(Mon)	06:23	06:45	110	12:36	63S	18:28	250	18:50
2024	Jan 23	(Tue)	06:23	06:45	110	12:37	63S	18:29	250	18:51
2024	Jan 24	(Wed)	06:23	06:45	109	12:37	63S	18:29	251	18:51
2024	Jan 25	(Thu)	06:23	06:45	109	12:37	63S	18:29	251	18:51
2024	Jan 26	(Fri)	06:23	06:45	109	12:37	64S	18:30	251	18:52
2024	Jan 27	(Sat)	06:23	06:45	109	12:38	64S	18:30	251	18:52
2024	Jan 28	(Sun)	06:23	06:45	108	12:38	64S	18:31	252	18:52
2024	Jan 29	(Mon)	06:23	06:45	108	12:38	64S	18:31	252	18:53
2024	Jan 30	(Tue)	06:23	06:45	108	12:38	65S	18:31	252	18:53
2024	Jan 31	(Wed)	06:23	06:45	108	12:38	65S	18:32	252	18:53
2024	Feb 01	(Thu)	06:23	06:45	107	12:39	65S	18:32	253	18:54
2024	Feb 02	(Fri)	06:23	06:45	107	12:39	66S	18:32	253	18:54
2024	Feb 03	(Sat)	06:23	06:45	107	12:39	66S	18:32	253	18:54
2024	Feb 04	(Sun)	06:23	06:45	106	12:39	66S	18:33	254	18:54
2024	Feb 05	(Mon)	06:23	06:45	106	12:39	66S	18:33	254	18:55
2024	Feb 06	(Tue)	06:23	06:45	106	12:39	67S	18:33	254	18:55
2024	Feb 07	(Wed)	06:23	06:45	106	12:39	67S	18:34	255	18:55
2024	Feb 08	(Thu)	06:23	06:45	105	12:39	67S	18:34	255	18:55
2024	Feb 09	(Fri)	06:23	06:45	105	12:39	68S	18:34	255	18:56
2024	Feb 10	(Sat)	06:23	06:44	105	12:39	68S	18:34	256	18:56

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

2024	Apr	23	(Tue)	05:51	06:13	77	12:23	86N	18:34	283	18:56
2024	Apr	24	(Wed)	05:51	06:12	77	12:23	86N	18:34	283	18:56
2024	Apr	25	(Thu)	05:50	06:12	76	12:23	86N	18:34	284	18:56
2024	Apr	26	(Fri)	05:50	06:11	76	12:23	85N	18:34	284	18:56
2024	Apr	27	(Sat)	05:49	06:11	76	12:23	85N	18:34	284	18:56
2024	Apr	28	(Sun)	05:49	06:11	75	12:23	85N	18:34	285	18:56
2024	Apr	29	(Mon)	05:49	06:10	75	12:22	84N	18:35	285	18:56
2024	Apr	30	(Tue)	05:48	06:10	75	12:22	84N	18:35	285	18:56
2024	May	01	(Wed)	05:48	06:10	75	12:22	84N	18:35	286	18:56
2024	May	02	(Thu)	05:48	06:09	74	12:22	83N	18:35	286	18:57
2024	May	03	(Fri)	05:47	06:09	74	12:22	83N	18:35	286	18:57
2024	May	04	(Sat)	05:47	06:09	74	12:22	83N	18:35	286	18:57
2024	May	05	(Sun)	05:47	06:09	73	12:22	83N	18:35	287	18:57
2024	May	06	(Mon)	05:46	06:08	73	12:22	82N	18:35	287	18:57
2024	May	07	(Tue)	05:46	06:08	73	12:22	82N	18:35	287	18:57
2024	May	08	(Wed)	05:46	06:08	73	12:22	82N	18:35	288	18:57
2024	May	09	(Thu)	05:46	06:08	72	12:22	81N	18:36	288	18:58
2024	May	10	(Fri)	05:45	06:07	72	12:21	81N	18:36	288	18:58
2024	May	11	(Sat)	05:45	06:07	72	12:21	81N	18:36	288	18:58
2024	May	12	(Sun)	05:45	06:07	71	12:21	81N	18:36	289	18:58
2024	May	13	(Mon)	05:45	06:07	71	12:21	80N	18:36	289	18:58
2024	May	14	(Tue)	05:45	06:07	71	12:21	80N	18:36	289	18:58
2024	May	15	(Wed)	05:44	06:07	71	12:21	80N	18:36	289	18:59
2024	May	16	(Thu)	05:44	06:06	71	12:21	80N	18:37	290	18:59
2024	May	17	(Fri)	05:44	06:06	70	12:22	79N	18:37	290	18:59
2024	May	18	(Sat)	05:44	06:06	70	12:22	79N	18:37	290	18:59
2024	May	19	(Sun)	05:44	06:06	70	12:22	79N	18:37	290	19:00
2024	May	20	(Mon)	05:44	06:06	70	12:22	79N	18:37	290	19:00
2024	May	21	(Tue)	05:44	06:06	69	12:22	79N	18:38	291	19:00
2024	May	22	(Wed)	05:43	06:06	69	12:22	78N	18:38	291	19:00
2024	May	23	(Thu)	05:43	06:06	69	12:22	78N	18:38	291	19:00
2024	May	24	(Fri)	05:43	06:06	69	12:22	78N	18:38	291	19:01
2024	May	25	(Sat)	05:43	06:06	69	12:22	78N	18:38	291	19:01
2024	May	26	(Sun)	05:43	06:06	68	12:22	78N	18:39	292	19:01
2024	May	27	(Mon)	05:43	06:06	68	12:22	78N	18:39	292	19:01
2024	May	28	(Tue)	05:43	06:06	68	12:22	77N	18:39	292	19:02
2024	May	29	(Wed)	05:43	06:06	68	12:23	77N	18:39	292	19:02
2024	May	30	(Thu)	05:43	06:06	68	12:23	77N	18:40	292	19:02
2024	May	31	(Fri)	05:43	06:06	68	12:23	77N	18:40	292	19:03
2024	Jun	01	(Sat)	05:43	06:06	68	12:23	77N	18:40	293	19:03
2024	Jun	02	(Sun)	05:43	06:06	67	12:23	77N	18:40	293	19:03
2024	Jun	03	(Mon)	05:43	06:06	67	12:23	77N	18:41	293	19:03
2024	Jun	04	(Tue)	05:43	06:06	67	12:23	76N	18:41	293	19:04
2024	Jun	05	(Wed)	05:43	06:06	67	12:24	76N	18:41	293	19:04
2024	Jun	06	(Thu)	05:44	06:06	67	12:24	76N	18:41	293	19:04
2024	Jun	07	(Fri)	05:44	06:06	67	12:24	76N	18:42	293	19:04
2024	Jun	08	(Sat)	05:44	06:07	67	12:24	76N	18:42	293	19:05
2024	Jun	09	(Sun)	05:44	06:07	67	12:24	76N	18:42	293	19:05
2024	Jun	10	(Mon)	05:44	06:07	67	12:25	76N	18:42	293	19:05
2024	Jun	11	(Tue)	05:44	06:07	67	12:25	76N	18:43	294	19:06
2024	Jun	12	(Wed)	05:44	06:07	66	12:25	76N	18:43	294	19:06
2024	Jun	13	(Thu)	05:44	06:07	66	12:25	76N	18:43	294	19:06
2024	Jun	14	(Fri)	05:45	06:07	66	12:25	76N	18:43	294	19:06
2024	Jun	15	(Sat)	05:45	06:08	66	12:26	76N	18:44	294	19:07
2024	Jun	16	(Sun)	05:45	06:08	66	12:26	76N	18:44	294	19:07
2024	Jun	17	(Mon)	05:45	06:08	66	12:26	76N	18:44	294	19:07
2024	Jun	18	(Tue)	05:45	06:08	66	12:26	76N	18:44	294	19:07
2024	Jun	19	(Wed)	05:46	06:08	66	12:27	75N	18:45	294	19:08
2024	Jun	20	(Thu)	05:46	06:09	66	12:27	75N	18:45	294	19:08
2024	Jun	21	(Fri)	05:46	06:09	66	12:27	75N	18:45	294	19:08
2024	Jun	22	(Sat)	05:46	06:09	66	12:27	75N	18:45	294	19:08
2024	Jun	23	(Sun)	05:46	06:09	66	12:27	76N	18:45	294	19:08
2024	Jun	24	(Mon)	05:47	06:10	66	12:28	76N	18:46	294	19:09
2024	Jun	25	(Tue)	05:47	06:10	66	12:28	76N	18:46	294	19:09
2024	Jun	26	(Wed)	05:47	06:10	66	12:28	76N	18:46	294	19:09
2024	Jun	27	(Thu)	05:47	06:10	66	12:28	76N	18:46	294	19:09
2024	Jun	28	(Fri)	05:48	06:10	66	12:28	76N	18:46	294	19:09
2024	Jun	29	(Sat)	05:48	06:11	66	12:29	76N	18:47	294	19:09
2024	Jun	30	(Sun)	05:48	06:11	66	12:29	76N	18:47	294	19:10
2024	Jul	01	(Mon)	05:48	06:11	67	12:29	76N	18:47	293	19:10
2024	Jul	02	(Tue)	05:49	06:11	67	12:29	76N	18:47	293	19:10
2024	Jul	03	(Wed)	05:49	06:12	67	12:29	76N	18:47	293	19:10

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

2024	Sep	14	(Sat)	05:54	06:15	87	12:21	86S	18:26	273	18:47
2024	Sep	15	(Sun)	05:54	06:15	87	12:20	85S	18:25	273	18:46
2024	Sep	16	(Mon)	05:54	06:15	87	12:20	85S	18:24	272	18:45
2024	Sep	17	(Tue)	05:54	06:15	88	12:19	85S	18:24	272	18:45
2024	Sep	18	(Wed)	05:54	06:15	88	12:19	84S	18:23	272	18:44
2024	Sep	19	(Thu)	05:54	06:15	88	12:19	84S	18:23	271	18:44
2024	Sep	20	(Fri)	05:54	06:15	89	12:18	83S	18:22	271	18:43
2024	Sep	21	(Sat)	05:54	06:14	89	12:18	83S	18:22	271	18:42
2024	Sep	22	(Sun)	05:53	06:14	90	12:18	83S	18:21	270	18:42
2024	Sep	23	(Mon)	05:53	06:14	90	12:17	82S	18:20	270	18:41
2024	Sep	24	(Tue)	05:53	06:14	90	12:17	82S	18:20	269	18:41
2024	Sep	25	(Wed)	05:53	06:14	91	12:17	81S	18:19	269	18:40
2024	Sep	26	(Thu)	05:53	06:14	91	12:16	81S	18:19	269	18:40
2024	Sep	27	(Fri)	05:53	06:14	92	12:16	81S	18:18	268	18:39
2024	Sep	28	(Sat)	05:53	06:14	92	12:16	80S	18:18	268	18:38
2024	Sep	29	(Sun)	05:53	06:13	92	12:15	80S	18:17	267	18:38
2024	Sep	30	(Mon)	05:52	06:13	93	12:15	79S	18:16	267	18:37
2024	Oct	01	(Tue)	05:52	06:13	93	12:15	79S	18:16	267	18:37
2024	Oct	02	(Wed)	05:52	06:13	94	12:14	79S	18:15	266	18:36
2024	Oct	03	(Thu)	05:52	06:13	94	12:14	78S	18:15	266	18:36
2024	Oct	04	(Fri)	05:52	06:13	94	12:14	78S	18:14	265	18:35
2024	Oct	05	(Sat)	05:52	06:13	95	12:13	78S	18:14	265	18:35
2024	Oct	06	(Sun)	05:52	06:13	95	12:13	77S	18:13	265	18:34
2024	Oct	07	(Mon)	05:52	06:13	96	12:13	77S	18:13	264	18:34
2024	Oct	08	(Tue)	05:52	06:13	96	12:13	76S	18:12	264	18:33
2024	Oct	09	(Wed)	05:52	06:13	96	12:12	76S	18:12	264	18:33
2024	Oct	10	(Thu)	05:52	06:13	97	12:12	76S	18:11	263	18:32
2024	Oct	11	(Fri)	05:52	06:13	97	12:12	75S	18:11	263	18:32
2024	Oct	12	(Sat)	05:51	06:13	97	12:12	75S	18:10	262	18:31
2024	Oct	13	(Sun)	05:51	06:13	98	12:11	75S	18:10	262	18:31
2024	Oct	14	(Mon)	05:51	06:12	98	12:11	74S	18:09	262	18:31
2024	Oct	15	(Tue)	05:51	06:12	99	12:11	74S	18:09	261	18:30
2024	Oct	16	(Wed)	05:51	06:12	99	12:11	73S	18:09	261	18:30
2024	Oct	17	(Thu)	05:51	06:12	99	12:10	73S	18:08	261	18:29
2024	Oct	18	(Fri)	05:51	06:12	100	12:10	73S	18:08	260	18:29
2024	Oct	19	(Sat)	05:51	06:13	100	12:10	72S	18:07	260	18:29
2024	Oct	20	(Sun)	05:51	06:13	100	12:10	72S	18:07	259	18:28
2024	Oct	21	(Mon)	05:51	06:13	101	12:10	72S	18:07	259	18:28
2024	Oct	22	(Tue)	05:51	06:13	101	12:10	71S	18:06	259	18:28
2024	Oct	23	(Wed)	05:51	06:13	101	12:09	71S	18:06	258	18:27
2024	Oct	24	(Thu)	05:51	06:13	102	12:09	71S	18:06	258	18:27
2024	Oct	25	(Fri)	05:52	06:13	102	12:09	70S	18:05	258	18:27
2024	Oct	26	(Sat)	05:52	06:13	103	12:09	70S	18:05	257	18:26
2024	Oct	27	(Sun)	05:52	06:13	103	12:09	70S	18:05	257	18:26
2024	Oct	28	(Mon)	05:52	06:13	103	12:09	69S	18:04	257	18:26
2024	Oct	29	(Tue)	05:52	06:13	104	12:09	69S	18:04	256	18:26
2024	Oct	30	(Wed)	05:52	06:13	104	12:09	69S	18:04	256	18:25
2024	Oct	31	(Thu)	05:52	06:14	104	12:09	68S	18:04	256	18:25
2024	Nov	01	(Fri)	05:52	06:14	105	12:09	68S	18:03	255	18:25
2024	Nov	02	(Sat)	05:52	06:14	105	12:09	68S	18:03	255	18:25
2024	Nov	03	(Sun)	05:53	06:14	105	12:09	67S	18:03	255	18:25
2024	Nov	04	(Mon)	05:53	06:14	105	12:09	67S	18:03	254	18:25
2024	Nov	05	(Tue)	05:53	06:15	106	12:09	67S	18:03	254	18:24
2024	Nov	06	(Wed)	05:53	06:15	106	12:09	66S	18:03	254	18:24
2024	Nov	07	(Thu)	05:53	06:15	106	12:09	66S	18:02	253	18:24
2024	Nov	08	(Fri)	05:53	06:15	107	12:09	66S	18:02	253	18:24
2024	Nov	09	(Sat)	05:54	06:15	107	12:09	65S	18:02	253	18:24
2024	Nov	10	(Sun)	05:54	06:16	107	12:09	65S	18:02	253	18:24
2024	Nov	11	(Mon)	05:54	06:16	108	12:09	65S	18:02	252	18:24
2024	Nov	12	(Tue)	05:54	06:16	108	12:09	65S	18:02	252	18:24
2024	Nov	13	(Wed)	05:55	06:17	108	12:09	64S	18:02	252	18:24
2024	Nov	14	(Thu)	05:55	06:17	108	12:10	64S	18:02	252	18:24
2024	Nov	15	(Fri)	05:55	06:17	109	12:10	64S	18:02	251	18:24
2024	Nov	16	(Sat)	05:56	06:18	109	12:10	64S	18:02	251	18:24
2024	Nov	17	(Sun)	05:56	06:18	109	12:10	63S	18:02	251	18:24
2024	Nov	18	(Mon)	05:56	06:18	109	12:10	63S	18:02	251	18:24
2024	Nov	19	(Tue)	05:56	06:19	110	12:10	63S	18:02	250	18:24
2024	Nov	20	(Wed)	05:57	06:19	110	12:11	63S	18:02	250	18:25
2024	Nov	21	(Thu)	05:57	06:19	110	12:11	62S	18:03	250	18:25
2024	Nov	22	(Fri)	05:58	06:20	110	12:11	62S	18:03	250	18:25
2024	Nov	23	(Sat)	05:58	06:20	110	12:12	62S	18:03	249	18:25
2024	Nov	24	(Sun)	05:58	06:21	111	12:12	62S	18:03	249	18:25

2024	Nov	25	(Mon)	05:59	06:21	111	12:12	62S	18:03	249	18:25
2024	Nov	26	(Tue)	05:59	06:21	111	12:12	61S	18:03	249	18:26
2024	Nov	27	(Wed)	06:00	06:22	111	12:13	61S	18:04	249	18:26
2024	Nov	28	(Thu)	06:00	06:22	111	12:13	61S	18:04	248	18:26
2024	Nov	29	(Fri)	06:00	06:23	112	12:13	61S	18:04	248	18:26
2024	Nov	30	(Sat)	06:01	06:23	112	12:14	61S	18:04	248	18:27
2024	Dec	01	(Sun)	06:01	06:24	112	12:14	61S	18:05	248	18:27
2024	Dec	02	(Mon)	06:02	06:24	112	12:15	60S	18:05	248	18:27
2024	Dec	03	(Tue)	06:02	06:25	112	12:15	60S	18:05	248	18:28
2024	Dec	04	(Wed)	06:03	06:25	112	12:15	60S	18:05	248	18:28
2024	Dec	05	(Thu)	06:03	06:26	113	12:16	60S	18:06	247	18:28
2024	Dec	06	(Fri)	06:04	06:26	113	12:16	60S	18:06	247	18:29
2024	Dec	07	(Sat)	06:04	06:27	113	12:17	60S	18:07	247	18:29
2024	Dec	08	(Sun)	06:05	06:27	113	12:17	60S	18:07	247	18:30
2024	Dec	09	(Mon)	06:05	06:28	113	12:18	60S	18:07	247	18:30
2024	Dec	10	(Tue)	06:06	06:28	113	12:18	60S	18:08	247	18:30
2024	Dec	11	(Wed)	06:06	06:29	113	12:18	59S	18:08	247	18:31
2024	Dec	12	(Thu)	06:07	06:29	113	12:19	59S	18:09	247	18:31
2024	Dec	13	(Fri)	06:07	06:30	113	12:19	59S	18:09	247	18:32
2024	Dec	14	(Sat)	06:08	06:30	113	12:20	59S	18:09	247	18:32
2024	Dec	15	(Sun)	06:08	06:31	113	12:20	59S	18:10	247	18:33
2024	Dec	16	(Mon)	06:09	06:31	113	12:21	59S	18:10	247	18:33
2024	Dec	17	(Tue)	06:09	06:32	113	12:21	59S	18:11	246	18:33
2024	Dec	18	(Wed)	06:10	06:32	114	12:22	59S	18:11	246	18:34
2024	Dec	19	(Thu)	06:10	06:33	114	12:22	59S	18:12	246	18:34
2024	Dec	20	(Fri)	06:11	06:33	114	12:23	59S	18:12	246	18:35
2024	Dec	21	(Sat)	06:11	06:34	114	12:23	59S	18:13	246	18:35
2024	Dec	22	(Sun)	06:12	06:34	114	12:24	59S	18:13	246	18:36
2024	Dec	23	(Mon)	06:12	06:35	114	12:24	59S	18:14	246	18:36
2024	Dec	24	(Tue)	06:13	06:35	114	12:25	59S	18:14	246	18:37
2024	Dec	25	(Wed)	06:13	06:36	114	12:25	59S	18:15	246	18:37
2024	Dec	26	(Thu)	06:14	06:36	113	12:26	59S	18:15	247	18:38
2024	Dec	27	(Fri)	06:14	06:37	113	12:26	59S	18:16	247	18:38
2024	Dec	28	(Sat)	06:14	06:37	113	12:27	59S	18:16	247	18:39
2024	Dec	29	(Sun)	06:15	06:38	113	12:27	59S	18:17	247	18:39
2024	Dec	30	(Mon)	06:15	06:38	113	12:28	59S	18:17	247	18:40
2024	Dec	31	(Tue)	06:16	06:38	113	12:28	59S	18:18	247	18:41

Moon

Krabi

Location: E 98°43'48.0", N 8°13'01.2", 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)	22:42	81		04:16	86N		10:33	282	
2024 Jan 02 (Tue)	23:24	86		04:57	90S		11:10	276	
2024 Jan 03 (Wed)				05:36	85S		11:46	271	
2024 Jan 04 (Thu)	00:07	92		06:15	79S		12:22	265	
2024 Jan 05 (Fri)	00:50	98		06:55	73S		12:59	259	
2024 Jan 06 (Sat)	01:36	104		07:38	67S		13:39	254	
2024 Jan 07 (Sun)	02:25	109		08:25	62S		14:24	249	
2024 Jan 08 (Mon)	03:19	113		09:17	58S		15:14	245	
2024 Jan 09 (Tue)	04:17	117		10:14	55S		16:10	242	
2024 Jan 10 (Wed)	05:19	118		11:16	54S		17:12	241	
2024 Jan 11 (Thu)	06:22	118		12:19	55S		18:17	243	
2024 Jan 12 (Fri)	07:24	116		13:22	57S		19:22	246	
2024 Jan 13 (Sat)	08:21	111		14:22	62S		20:24	251	
2024 Jan 14 (Sun)	09:14	106		15:17	68S		21:22	258	
2024 Jan 15 (Mon)	10:02	99		16:08	75S		22:17	265	
2024 Jan 16 (Tue)	10:47	92		16:57	82S		23:10	272	
2024 Jan 17 (Wed)	11:31	85		17:45	89S				
2024 Jan 18 (Thu)	12:14	78		18:33	86N		00:01	279	
2024 Jan 19 (Fri)	13:00	72		19:22	80N		00:54	285	
2024 Jan 20 (Sat)	13:47	68		20:14	75N		01:47	290	
2024 Jan 21 (Sun)	14:38	64		21:08	72N		02:42	294	
2024 Jan 22 (Mon)	15:32	62		22:03	71N		03:38	297	
2024 Jan 23 (Tue)	16:27	62		22:58	71N		04:35	298	

2024	Jan	24	(Wed)	17:21	63	23:52	72N	05:29	298
2024	Jan	25	(Thu)	18:15	65			06:21	296
2024	Jan	26	(Fri)	19:05	69	00:42	75N	07:08	293
2024	Jan	27	(Sat)	19:52	74	01:29	79N	07:51	289
2024	Jan	28	(Sun)	20:37	79	02:13	84N	08:31	284
2024	Jan	29	(Mon)	21:20	84	02:54	89N	09:08	278
2024	Jan	30	(Tue)	22:03	90	03:33	87S	09:44	273
2024	Jan	31	(Wed)	22:45	96	04:12	81S	10:19	267
2024	Feb	01	(Thu)	23:29	102	04:51	75S	10:56	261
2024	Feb	02	(Fri)			05:32	69S	11:34	256
2024	Feb	03	(Sat)	00:16	107	06:16	64S	12:15	251
2024	Feb	04	(Sun)	01:06	112	07:04	60S	13:02	246
2024	Feb	05	(Mon)	02:00	116	07:57	56S	13:54	243
2024	Feb	06	(Tue)	02:59	118	08:56	54S	14:52	241
2024	Feb	07	(Wed)	04:01	119	09:58	54S	15:54	242
2024	Feb	08	(Thu)	05:03	117	11:01	56S	16:59	244
2024	Feb	09	(Fri)	06:03	114	12:03	60S	18:03	248
2024	Feb	10	(Sat)	06:59	109	13:01	65S	19:05	254
2024	Feb	11	(Sun)	07:50	102	13:56	72S	20:03	261
2024	Feb	12	(Mon)	08:39	95	14:48	79S	20:59	269
2024	Feb	13	(Tue)	09:24	88	15:38	87S	21:53	276
2024	Feb	14	(Wed)	10:10	80	16:27	88N	22:47	283
2024	Feb	15	(Thu)	10:56	74	17:18	82N	23:41	289
2024	Feb	16	(Fri)	11:44	69	18:10	77N		
2024	Feb	17	(Sat)	12:35	65	19:04	73N	00:37	293
2024	Feb	18	(Sun)	13:28	62	19:59	71N	01:34	297
2024	Feb	19	(Mon)	14:22	61	20:54	70N	02:30	298
2024	Feb	20	(Tue)	15:17	62	21:48	71N	03:25	299
2024	Feb	21	(Wed)	16:10	64	22:38	74N	04:17	297
2024	Feb	22	(Thu)	17:01	68	23:26	78N	05:05	294
2024	Feb	23	(Fri)	17:49	72			05:50	290
2024	Feb	24	(Sat)	18:35	77	00:11	82N	06:30	286
2024	Feb	25	(Sun)	19:18	83	00:52	87N	07:08	280
2024	Feb	26	(Mon)	20:01	88	01:32	88S	07:44	275
2024	Feb	27	(Tue)	20:43	94	02:11	83S	08:20	269
2024	Feb	28	(Wed)	21:26	100	02:50	77S	08:55	263
2024	Feb	29	(Thu)	22:11	105	03:30	71S	09:32	257
2024	Mar	01	(Fri)	22:59	110	04:12	66S	10:12	252
2024	Mar	02	(Sat)	23:51	114	04:58	61S	10:56	248
2024	Mar	03	(Sun)			05:48	57S	11:44	244
2024	Mar	04	(Mon)	00:46	117	06:42	54S	12:38	242
2024	Mar	05	(Tue)	01:45	119	07:41	53S	13:37	241
2024	Mar	06	(Wed)	02:45	118	08:42	54S	14:39	243
2024	Mar	07	(Thu)	03:45	116	09:43	57S	15:42	246
2024	Mar	08	(Fri)	04:41	112	10:42	62S	16:44	251
2024	Mar	09	(Sat)	05:35	106	11:38	68S	17:43	257
2024	Mar	10	(Sun)	06:24	99	12:31	75S	18:41	265
2024	Mar	11	(Mon)	07:12	91	13:23	83S	19:37	272
2024	Mar	12	(Tue)	07:59	84	14:14	90S	20:32	280
2024	Mar	13	(Wed)	08:46	77	15:06	84N	21:29	286
2024	Mar	14	(Thu)	09:35	71	16:00	78N	22:26	292
2024	Mar	15	(Fri)	10:27	66	16:55	74N	23:25	296
2024	Mar	16	(Sat)	11:20	63	17:51	71N		
2024	Mar	17	(Sun)	12:16	61	18:48	70N	00:23	298
2024	Mar	18	(Mon)	13:12	61	19:43	71N	01:20	299
2024	Mar	19	(Tue)	14:06	63	20:35	73N	02:14	298
2024	Mar	20	(Wed)	14:58	66	21:24	76N	03:03	295
2024	Mar	21	(Thu)	15:46	70	22:09	81N	03:49	292
2024	Mar	22	(Fri)	16:33	75	22:51	86N	04:30	287
2024	Mar	23	(Sat)	17:17	81	23:32	90S	05:08	282
2024	Mar	24	(Sun)	17:59	86			05:45	276
2024	Mar	25	(Mon)	18:42	92	00:11	85S	06:20	271
2024	Mar	26	(Tue)	19:25	98	00:50	79S	06:56	265
2024	Mar	27	(Wed)	20:09	104	01:29	73S	07:33	259
2024	Mar	28	(Thu)	20:56	109	02:11	67S	08:12	254
2024	Mar	29	(Fri)	21:46	113	02:56	62S	08:54	249
2024	Mar	30	(Sat)	22:40	117	03:44	58S	09:40	245
2024	Mar	31	(Sun)	23:37	119	04:36	55S	10:31	242
2024	Apr	01	(Mon)			05:32	53S	11:27	241
2024	Apr	02	(Tue)	00:35	119	06:31	54S	12:26	242
2024	Apr	03	(Wed)	01:33	117	07:30	56S	13:27	244
2024	Apr	04	(Thu)	02:29	114	08:27	59S	14:27	248

2024 Apr 05 (Fri)	03:22 109	09:23 65S	15:26 254
2024 Apr 06 (Sat)	04:11 103	10:16 71S	16:23 261
2024 Apr 07 (Sun)	04:59 95	11:08 79S	17:19 268
2024 Apr 08 (Mon)	05:45 88	11:59 86S	18:14 276
2024 Apr 09 (Tue)	06:32 81	12:50 88N	19:11 283
2024 Apr 10 (Wed)	07:21 74	13:44 81N	20:09 289
2024 Apr 11 (Thu)	08:13 68	14:40 76N	21:09 294
2024 Apr 12 (Fri)	09:07 64	15:38 72N	22:09 297
2024 Apr 13 (Sat)	10:04 62	16:36 70N	23:09 299
2024 Apr 14 (Sun)	11:02 61	17:34 70N	
2024 Apr 15 (Mon)	11:58 62	18:29 72N	00:06 298
2024 Apr 16 (Tue)	12:52 65	19:19 75N	00:58 296
2024 Apr 17 (Wed)	13:42 69	20:06 79N	01:46 293
2024 Apr 18 (Thu)	14:29 73	20:50 84N	02:29 289
2024 Apr 19 (Fri)	15:14 79	21:30 89N	03:08 284
2024 Apr 20 (Sat)	15:57 84	22:10 87S	03:45 278
2024 Apr 21 (Sun)	16:39 90	22:49 81S	04:21 273
2024 Apr 22 (Mon)	17:22 96	23:28 75S	04:56 267
2024 Apr 23 (Tue)	18:06 102		05:32 261
2024 Apr 24 (Wed)	18:53 107	00:09 69S	06:11 255
2024 Apr 25 (Thu)	19:43 112	00:53 64S	06:52 250
2024 Apr 26 (Fri)	20:36 116	01:41 59S	07:38 246
2024 Apr 27 (Sat)	21:32 118	02:32 56S	08:28 243
2024 Apr 28 (Sun)	22:30 119	03:27 54S	09:23 241
2024 Apr 29 (Mon)	23:27 118	04:25 53S	10:21 241
2024 Apr 30 (Tue)		05:23 55S	11:20 243
2024 May 01 (Wed)	00:23 115	06:20 58S	12:19 247
2024 May 02 (Thu)	01:15 111	07:15 63S	13:16 252
2024 May 03 (Fri)	02:04 105	08:07 69S	14:12 258
2024 May 04 (Sat)	02:51 98	08:57 76S	15:06 265
2024 May 05 (Sun)	03:36 91	09:47 83S	16:00 272
2024 May 06 (Mon)	04:21 84	10:36 90S	16:54 280
2024 May 07 (Tue)	05:08 77	11:28 84N	17:51 286
2024 May 08 (Wed)	05:58 71	12:23 78N	18:50 292
2024 May 09 (Thu)	06:51 66	13:20 74N	19:51 296
2024 May 10 (Fri)	07:48 63	14:20 71N	20:53 298
2024 May 11 (Sat)	08:47 61	15:20 70N	21:52 299
2024 May 12 (Sun)	09:45 62	16:17 71N	22:48 297
2024 May 13 (Mon)	10:42 64	17:11 74N	23:39 294
2024 May 14 (Tue)	11:35 67	18:00 77N	
2024 May 15 (Wed)	12:24 72	18:45 82N	00:24 291
2024 May 16 (Thu)	13:10 77	19:27 87N	01:05 286
2024 May 17 (Fri)	13:53 82	20:07 89S	01:43 280
2024 May 18 (Sat)	14:36 88	20:46 83S	02:19 275
2024 May 19 (Sun)	15:18 94	21:25 77S	02:55 269
2024 May 20 (Mon)	16:02 100	22:06 71S	03:31 263
2024 May 21 (Tue)	16:47 105	22:49 66S	04:08 257
2024 May 22 (Wed)	17:36 110	23:35 61S	04:49 252
2024 May 23 (Thu)	18:29 114		05:33 248
2024 May 24 (Fri)	19:25 117	00:26 57S	06:22 244
2024 May 25 (Sat)	20:24 119	01:21 54S	07:16 242
2024 May 26 (Sun)	21:22 118	02:19 54S	08:15 241
2024 May 27 (Mon)	22:19 116	03:18 54S	09:14 243
2024 May 28 (Tue)	23:12 112	04:16 57S	10:14 246
2024 May 29 (Wed)		05:11 61S	11:12 250
2024 May 30 (Thu)	00:02 107	06:04 67S	12:07 256
2024 May 31 (Fri)	00:48 101	06:53 73S	13:00 263
2024 Jun 01 (Sat)	01:32 94	07:41 80S	13:52 270
2024 Jun 02 (Sun)	02:16 87	08:29 88S	14:45 277
2024 Jun 03 (Mon)	03:01 80	09:19 87N	15:39 284
2024 Jun 04 (Tue)	03:48 73	10:10 81N	16:35 290
2024 Jun 05 (Wed)	04:38 68	11:06 76N	17:35 294
2024 Jun 06 (Thu)	05:33 64	12:04 72N	18:36 297
2024 Jun 07 (Fri)	06:31 62	13:04 70N	19:37 299
2024 Jun 08 (Sat)	07:30 61	14:03 71N	20:35 298
2024 Jun 09 (Sun)	08:29 63	14:59 72N	21:28 296
2024 Jun 10 (Mon)	09:24 66	15:51 76N	22:17 292
2024 Jun 11 (Tue)	10:15 70	16:39 80N	23:00 288
2024 Jun 12 (Wed)	11:03 75	17:22 85N	23:40 282
2024 Jun 13 (Thu)	11:48 80	18:03 91N	
2024 Jun 14 (Fri)	12:31 86	18:43 85S	00:17 277
2024 Jun 15 (Sat)	13:13 92	19:21 79S	00:53 271

2024 Jun 16 (Sun)	13:56 98	20:01 73S	01:28 265
2024 Jun 17 (Mon)	14:40 103	20:43 68S	02:05 260
2024 Jun 18 (Tue)	15:28 108	21:28 63S	02:44 254
2024 Jun 19 (Wed)	16:19 113	22:17 58S	03:26 249
2024 Jun 20 (Thu)	17:14 116	23:10 55S	04:14 245
2024 Jun 21 (Fri)	18:12 118		05:06 242
2024 Jun 22 (Sat)	19:12 119	00:08 54S	06:04 241
2024 Jun 23 (Sun)	20:11 117	01:08 54S	07:05 242
2024 Jun 24 (Mon)	21:07 113	02:08 56S	08:06 245
2024 Jun 25 (Tue)	21:59 108	03:06 60S	09:06 249
2024 Jun 26 (Wed)	22:46 102	04:00 65S	10:03 254
2024 Jun 27 (Thu)	23:31 96	04:51 72S	10:57 261
2024 Jun 28 (Fri)		05:39 78S	11:49 268
2024 Jun 29 (Sat)	00:15 89	06:27 86S	12:41 275
2024 Jun 30 (Sun)	00:58 82	07:15 89N	13:34 282
2024 Jul 01 (Mon)	01:44 75	08:05 83N	14:28 288
2024 Jul 02 (Tue)	02:32 70	08:57 77N	15:25 293
2024 Jul 03 (Wed)	03:24 65	09:53 73N	16:24 296
2024 Jul 04 (Thu)	04:20 62	10:52 71N	17:24 298
2024 Jul 05 (Fri)	05:18 61	11:50 70N	18:23 298
2024 Jul 06 (Sat)	06:16 62	12:48 71N	19:18 297
2024 Jul 07 (Sun)	07:13 65	13:42 74N	20:09 294
2024 Jul 08 (Mon)	08:06 68	14:31 78N	20:54 289
2024 Jul 09 (Tue)	08:56 73	15:17 83N	21:36 284
2024 Jul 10 (Wed)	09:42 78	15:59 89N	22:14 279
2024 Jul 11 (Thu)	10:26 84	16:39 87S	22:50 273
2024 Jul 12 (Fri)	11:08 90	17:17 81S	23:25 267
2024 Jul 13 (Sat)	11:50 96	17:56 75S	
2024 Jul 14 (Sun)	12:34 101	18:37 70S	00:01 262
2024 Jul 15 (Mon)	13:19 107	19:20 65S	00:39 256
2024 Jul 16 (Tue)	14:08 111	20:07 60S	01:19 251
2024 Jul 17 (Wed)	15:01 115	20:58 56S	02:04 247
2024 Jul 18 (Thu)	15:58 118	21:54 54S	02:54 243
2024 Jul 19 (Fri)	16:57 119	22:53 54S	03:49 242
2024 Jul 20 (Sat)	17:57 118	23:54 55S	04:49 241
2024 Jul 21 (Sun)	18:56 115		05:51 243
2024 Jul 22 (Mon)	19:50 110	00:54 58S	06:53 247
2024 Jul 23 (Tue)	20:41 105	01:51 63S	07:53 252
2024 Jul 24 (Wed)	21:28 98	02:44 69S	08:50 259
2024 Jul 25 (Thu)	22:13 91	03:35 76S	09:44 266
2024 Jul 26 (Fri)	22:57 84	04:24 84S	10:37 273
2024 Jul 27 (Sat)	23:42 77	05:12 91S	11:30 280
2024 Jul 28 (Sun)		06:02 84N	12:24 286
2024 Jul 29 (Mon)	00:29 71	06:54 79N	13:20 292
2024 Jul 30 (Tue)	01:20 66	07:48 74N	14:18 296
2024 Jul 31 (Wed)	02:14 63	08:45 71N	15:17 298
2024 Aug 01 (Thu)	03:10 61	09:43 70N	16:15 299
2024 Aug 02 (Fri)	04:08 62	10:40 71N	17:11 298
2024 Aug 03 (Sat)	05:05 63	11:34 73N	18:03 295
2024 Aug 04 (Sun)	05:59 67	12:25 77N	18:50 291
2024 Aug 05 (Mon)	06:49 71	13:12 81N	19:32 286
2024 Aug 06 (Tue)	07:36 76	13:55 87N	20:11 281
2024 Aug 07 (Wed)	08:21 82	14:35 89S	20:48 275
2024 Aug 08 (Thu)	09:04 88	15:15 83S	21:24 269
2024 Aug 09 (Fri)	09:46 93	15:53 77S	21:59 264
2024 Aug 10 (Sat)	10:29 99	16:33 72S	22:35 258
2024 Aug 11 (Sun)	11:13 105	17:14 66S	23:14 253
2024 Aug 12 (Mon)	12:00 110	17:59 62S	23:56 248
2024 Aug 13 (Tue)	12:50 114	18:47 58S	
2024 Aug 14 (Wed)	13:44 117	19:40 55S	00:43 245
2024 Aug 15 (Thu)	14:41 119	20:37 53S	01:35 242
2024 Aug 16 (Fri)	15:40 119	21:36 54S	02:32 241
2024 Aug 17 (Sat)	16:39 117	22:37 56S	03:33 242
2024 Aug 18 (Sun)	17:36 113	23:35 61S	04:35 245
2024 Aug 19 (Mon)	18:29 107		05:36 250
2024 Aug 20 (Tue)	19:19 101	00:31 66S	06:35 256
2024 Aug 21 (Wed)	20:06 94	01:24 73S	07:32 263
2024 Aug 22 (Thu)	20:52 86	02:15 81S	08:27 270
2024 Aug 23 (Fri)	21:38 79	03:06 88S	09:22 278
2024 Aug 24 (Sat)	22:25 73	03:56 86N	10:17 284
2024 Aug 25 (Sun)	23:16 67	04:49 80N	11:14 290
2024 Aug 26 (Mon)		05:43 75N	12:12 295

2024 Aug 27 (Tue)	00:09 64	06:40 72N	13:12 298
2024 Aug 28 (Wed)	01:06 61	07:38 70N	14:11 299
2024 Aug 29 (Thu)	02:03 61	08:35 70N	15:07 298
2024 Aug 30 (Fri)	03:00 63	09:30 72N	15:59 296
2024 Aug 31 (Sat)	03:54 65	10:21 75N	16:47 293
2024 Sep 01 (Sun)	04:45 69	11:09 80N	17:31 288
2024 Sep 02 (Mon)	05:33 74	11:53 85N	18:11 283
2024 Sep 03 (Tue)	06:18 80	12:34 90N	18:48 277
2024 Sep 04 (Wed)	07:01 86	13:13 85S	19:23 271
2024 Sep 05 (Thu)	07:44 91	13:52 79S	19:59 266
2024 Sep 06 (Fri)	08:26 97	14:31 74S	20:35 260
2024 Sep 07 (Sat)	09:09 103	15:11 68S	21:12 255
2024 Sep 08 (Sun)	09:55 108	15:54 63S	21:52 250
2024 Sep 09 (Mon)	10:43 112	16:40 59S	22:37 246
2024 Sep 10 (Tue)	11:34 116	17:30 56S	23:25 243
2024 Sep 11 (Wed)	12:29 118	18:24 54S	
2024 Sep 12 (Thu)	13:26 119	19:21 53S	00:19 241
2024 Sep 13 (Fri)	14:24 118	20:20 55S	01:17 241
2024 Sep 14 (Sat)	15:20 115	21:18 58S	02:17 243
2024 Sep 15 (Sun)	16:14 111	22:14 63S	03:17 247
2024 Sep 16 (Mon)	17:05 104	23:09 69S	04:17 252
2024 Sep 17 (Tue)	17:53 97		05:14 259
2024 Sep 18 (Wed)	18:40 90	00:01 77S	06:11 266
2024 Sep 19 (Thu)	19:27 82	00:52 84S	07:07 274
2024 Sep 20 (Fri)	20:16 75	01:44 89N	08:03 281
2024 Sep 21 (Sat)	21:07 69	02:38 83N	09:02 288
2024 Sep 22 (Sun)	22:01 65	03:33 77N	10:02 293
2024 Sep 23 (Mon)	22:58 62	04:31 73N	11:03 297
2024 Sep 24 (Tue)	23:57 61	05:31 70N	12:04 299
2024 Sep 25 (Wed)		06:30 70N	13:02 299
2024 Sep 26 (Thu)	00:55 62	07:26 71N	13:56 297
2024 Sep 27 (Fri)	01:50 64	08:19 74N	14:46 294
2024 Sep 28 (Sat)	02:42 68	09:07 78N	15:30 290
2024 Sep 29 (Sun)	03:31 73	09:52 83N	16:11 285
2024 Sep 30 (Mon)	04:16 78	10:33 88N	16:48 279
2024 Oct 01 (Tue)	05:00 84	11:13 87S	17:24 273
2024 Oct 02 (Wed)	05:42 90	11:52 81S	18:00 268
2024 Oct 03 (Thu)	06:24 95	12:31 75S	18:35 262
2024 Oct 04 (Fri)	07:07 101	13:10 70S	19:12 256
2024 Oct 05 (Sat)	07:52 106	13:52 65S	19:51 251
2024 Oct 06 (Sun)	08:39 111	14:37 60S	20:34 247
2024 Oct 07 (Mon)	09:29 115	15:26 57S	21:21 244
2024 Oct 08 (Tue)	10:22 118	16:18 54S	22:12 242
2024 Oct 09 (Wed)	11:18 119	17:12 53S	23:07 241
2024 Oct 10 (Thu)	12:14 119	18:09 54S	
2024 Oct 11 (Fri)	13:09 117	19:05 56S	00:05 242
2024 Oct 12 (Sat)	14:02 113	20:01 61S	01:03 245
2024 Oct 13 (Sun)	14:52 108	20:54 66S	02:01 250
2024 Oct 14 (Mon)	15:40 101	21:46 73S	02:57 255
2024 Oct 15 (Tue)	16:27 94	22:36 80S	03:53 262
2024 Oct 16 (Wed)	17:13 86	23:28 88S	04:48 270
2024 Oct 17 (Thu)	18:01 79		05:44 277
2024 Oct 18 (Fri)	18:52 72	00:21 86N	06:42 285
2024 Oct 19 (Sat)	19:46 67	01:16 80N	07:43 291
2024 Oct 20 (Sun)	20:44 63	02:15 75N	08:46 295
2024 Oct 21 (Mon)	21:45 61	03:16 71N	09:49 298
2024 Oct 22 (Tue)	22:45 61	04:18 70N	10:51 299
2024 Oct 23 (Wed)	23:43 63	05:17 71N	11:49 298
2024 Oct 24 (Thu)		06:13 73N	12:41 295
2024 Oct 25 (Fri)	00:37 67	07:04 77N	13:28 291
2024 Oct 26 (Sat)	01:27 71	07:50 81N	14:10 286
2024 Oct 27 (Sun)	02:14 76	08:32 87N	14:49 281
2024 Oct 28 (Mon)	02:58 82	09:13 89S	15:25 275
2024 Oct 29 (Tue)	03:41 88	09:51 83S	16:00 269
2024 Oct 30 (Wed)	04:23 93	10:30 77S	16:36 264
2024 Oct 31 (Thu)	05:05 99	11:10 72S	17:12 258
2024 Nov 01 (Fri)	05:50 105	11:51 66S	17:51 253
2024 Nov 02 (Sat)	06:36 110	12:35 62S	18:33 248
2024 Nov 03 (Sun)	07:26 114	13:23 58S	19:19 245
2024 Nov 04 (Mon)	08:18 117	14:14 55S	20:09 242
2024 Nov 05 (Tue)	09:13 119	15:08 53S	21:02 241
2024 Nov 06 (Wed)	10:09 119	16:04 54S	21:59 242

2024 Nov 07 (Thu)	11:03 117	16:59 56S	22:56 244
2024 Nov 08 (Fri)	11:56 114	17:53 59S	23:52 248
2024 Nov 09 (Sat)	12:45 110	18:46 64S	
2024 Nov 10 (Sun)	13:32 104	19:36 70S	00:47 253
2024 Nov 11 (Mon)	14:18 97	20:25 77S	01:41 259
2024 Nov 12 (Tue)	15:02 90	21:14 84S	02:34 266
2024 Nov 13 (Wed)	15:48 83	22:04 90N	03:28 274
2024 Nov 14 (Thu)	16:36 76	22:58 83N	04:23 281
2024 Nov 15 (Fri)	17:28 70	23:55 77N	05:22 288
2024 Nov 16 (Sat)	18:25 65		06:24 293
2024 Nov 17 (Sun)	19:25 62	00:56 73N	07:28 297
2024 Nov 18 (Mon)	20:28 61	01:59 70N	08:32 299
2024 Nov 19 (Tue)	21:29 62	03:01 70N	09:34 298
2024 Nov 20 (Wed)	22:27 65	04:01 72N	10:31 296
2024 Nov 21 (Thu)	23:20 69	04:55 75N	11:21 293
2024 Nov 22 (Fri)		05:44 80N	12:06 288
2024 Nov 23 (Sat)	00:09 74	06:29 85N	12:47 283
2024 Nov 24 (Sun)	00:55 80	07:10 90N	13:24 277
2024 Nov 25 (Mon)	01:38 86	07:50 85S	14:00 271
2024 Nov 26 (Tue)	02:20 92	08:28 79S	14:35 266
2024 Nov 27 (Wed)	03:02 97	09:07 74S	15:11 260
2024 Nov 28 (Thu)	03:46 103	09:48 68S	15:49 255
2024 Nov 29 (Fri)	04:32 108	10:31 63S	16:30 250
2024 Nov 30 (Sat)	05:20 112	11:18 59S	17:15 246
2024 Dec 01 (Sun)	06:13 116	12:09 56S	18:04 243
2024 Dec 02 (Mon)	07:07 118	13:02 54S	18:57 241
2024 Dec 03 (Tue)	08:04 119	13:59 54S	19:54 241
2024 Dec 04 (Wed)	08:59 118	14:55 55S	20:51 243
2024 Dec 05 (Thu)	09:53 115	15:50 58S	21:48 247
2024 Dec 06 (Fri)	10:43 111	16:42 63S	22:43 252
2024 Dec 07 (Sat)	11:30 106	17:32 68S	23:36 257
2024 Dec 08 (Sun)	12:15 99	18:20 75S	
2024 Dec 09 (Mon)	12:58 92	19:08 82S	00:28 264
2024 Dec 10 (Tue)	13:41 85	19:55 89S	01:19 271
2024 Dec 11 (Wed)	14:27 79	20:46 86N	02:12 278
2024 Dec 12 (Thu)	15:15 72	21:39 80N	03:07 285
2024 Dec 13 (Fri)	16:08 67	22:37 75N	04:05 291
2024 Dec 14 (Sat)	17:06 63	23:38 71N	05:07 295
2024 Dec 15 (Sun)	18:07 61		06:11 298
2024 Dec 16 (Mon)	19:10 62	00:41 70N	07:15 299
2024 Dec 17 (Tue)	20:11 64	01:43 71N	08:15 297
2024 Dec 18 (Wed)	21:07 68	02:41 74N	09:09 294
2024 Dec 19 (Thu)	22:00 72	03:34 78N	09:58 290
2024 Dec 20 (Fri)	22:47 78	04:21 83N	10:41 285
2024 Dec 21 (Sat)	23:32 83	05:05 88N	11:20 279
2024 Dec 22 (Sun)		05:46 87S	11:57 274
2024 Dec 23 (Mon)	00:15 89	06:25 82S	12:33 268
2024 Dec 24 (Tue)	00:57 95	07:04 76S	13:08 262
2024 Dec 25 (Wed)	01:40 101	07:44 70S	13:45 256
2024 Dec 26 (Thu)	02:25 106	08:26 65S	14:25 251
2024 Dec 27 (Fri)	03:13 111	09:11 60S	15:08 247
2024 Dec 28 (Sat)	04:03 115	10:00 57S	15:56 244
2024 Dec 29 (Sun)	04:58 117	10:53 54S	16:48 242
2024 Dec 30 (Mon)	05:54 119	11:49 53S	17:44 241
2024 Dec 31 (Tue)	06:51 118	12:47 54S	18:43 243