

Sun

Lampang

Location: E 99°29'31.2", N18°17'23.9", 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)	06:03	06:54	114	12:26	49S	17:57	246	18:48
2025	Jan	02 (Thu)	06:03	06:54	114	12:26	50S	17:58	246	18:49
2025	Jan	03 (Fri)	06:04	06:55	114	12:27	50S	17:59	246	18:49
2025	Jan	04 (Sat)	06:04	06:55	114	12:27	50S	17:59	246	18:50
2025	Jan	05 (Sun)	06:04	06:55	114	12:27	50S	18:00	246	18:50
2025	Jan	06 (Mon)	06:05	06:55	113	12:28	50S	18:00	247	18:51
2025	Jan	07 (Tue)	06:05	06:56	113	12:28	50S	18:01	247	18:52
2025	Jan	08 (Wed)	06:05	06:56	113	12:29	50S	18:02	247	18:52
2025	Jan	09 (Thu)	06:06	06:56	113	12:29	50S	18:02	247	18:53
2025	Jan	10 (Fri)	06:06	06:56	113	12:30	51S	18:03	247	18:53
2025	Jan	11 (Sat)	06:06	06:56	113	12:30	51S	18:04	247	18:54
2025	Jan	12 (Sun)	06:06	06:57	113	12:30	51S	18:04	248	18:55
2025	Jan	13 (Mon)	06:06	06:57	112	12:31	51S	18:05	248	18:55
2025	Jan	14 (Tue)	06:07	06:57	112	12:31	51S	18:05	248	18:56
2025	Jan	15 (Wed)	06:07	06:57	112	12:31	51S	18:06	248	18:56
2025	Jan	16 (Thu)	06:07	06:57	112	12:32	52S	18:07	248	18:57
2025	Jan	17 (Fri)	06:07	06:57	112	12:32	52S	18:07	248	18:57
2025	Jan	18 (Sat)	06:07	06:57	111	12:32	52S	18:08	249	18:58
2025	Jan	19 (Sun)	06:07	06:57	111	12:33	52S	18:09	249	18:58
2025	Jan	20 (Mon)	06:07	06:57	111	12:33	52S	18:09	249	18:59
2025	Jan	21 (Tue)	06:07	06:57	111	12:33	53S	18:10	249	19:00
2025	Jan	22 (Wed)	06:07	06:57	110	12:34	53S	18:10	250	19:00
2025	Jan	23 (Thu)	06:07	06:57	110	12:34	53S	18:11	250	19:01
2025	Jan	24 (Fri)	06:07	06:57	110	12:34	53S	18:12	250	19:01
2025	Jan	25 (Sat)	06:07	06:57	110	12:34	54S	18:12	250	19:02
2025	Jan	26 (Sun)	06:07	06:56	109	12:35	54S	18:13	251	19:02
2025	Jan	27 (Mon)	06:07	06:56	109	12:35	54S	18:13	251	19:03
2025	Jan	28 (Tue)	06:07	06:56	109	12:35	54S	18:14	251	19:03
2025	Jan	29 (Wed)	06:07	06:56	109	12:35	55S	18:15	252	19:04
2025	Jan	30 (Thu)	06:07	06:56	108	12:35	55S	18:15	252	19:04
2025	Jan	31 (Fri)	06:06	06:55	108	12:35	55S	18:16	252	19:05
2025	Feb	01 (Sat)	06:06	06:55	108	12:36	55S	18:16	252	19:05
2025	Feb	02 (Sun)	06:06	06:55	107	12:36	56S	18:17	253	19:06
2025	Feb	03 (Mon)	06:06	06:55	107	12:36	56S	18:17	253	19:06
2025	Feb	04 (Tue)	06:06	06:54	107	12:36	56S	18:18	253	19:06
2025	Feb	05 (Wed)	06:05	06:54	106	12:36	57S	18:18	254	19:07
2025	Feb	06 (Thu)	06:05	06:54	106	12:36	57S	18:19	254	19:07
2025	Feb	07 (Fri)	06:05	06:53	106	12:36	57S	18:19	254	19:08
2025	Feb	08 (Sat)	06:04	06:53	106	12:36	58S	18:20	255	19:08
2025	Feb	09 (Sun)	06:04	06:52	105	12:36	58S	18:20	255	19:09
2025	Feb	10 (Mon)	06:04	06:52	105	12:36	58S	18:21	255	19:09
2025	Feb	11 (Tue)	06:03	06:52	104	12:36	58S	18:21	256	19:09
2025	Feb	12 (Wed)	06:03	06:51	104	12:36	59S	18:22	256	19:10
2025	Feb	13 (Thu)	06:03	06:51	104	12:36	59S	18:22	256	19:10
2025	Feb	14 (Fri)	06:02	06:50	103	12:36	59S	18:22	257	19:10
2025	Feb	15 (Sat)	06:02	06:50	103	12:36	60S	18:23	257	19:11
2025	Feb	16 (Sun)	06:01	06:49	103	12:36	60S	18:23	257	19:11
2025	Feb	17 (Mon)	06:01	06:48	102	12:36	61S	18:24	258	19:12
2025	Feb	18 (Tue)	06:00	06:48	102	12:36	61S	18:24	258	19:12
2025	Feb	19 (Wed)	06:00	06:47	102	12:36	61S	18:25	259	19:12
2025	Feb	20 (Thu)	05:59	06:47	101	12:36	62S	18:25	259	19:13
2025	Feb	21 (Fri)	05:59	06:46	101	12:36	62S	18:25	259	19:13
2025	Feb	22 (Sat)	05:58	06:46	100	12:35	62S	18:26	260	19:13
2025	Feb	23 (Sun)	05:57	06:45	100	12:35	63S	18:26	260	19:14
2025	Feb	24 (Mon)	05:57	06:44	100	12:35	63S	18:26	261	19:14
2025	Feb	25 (Tue)	05:56	06:44	99	12:35	63S	18:27	261	19:14
2025	Feb	26 (Wed)	05:56	06:43	99	12:35	64S	18:27	261	19:14
2025	Feb	27 (Thu)	05:55	06:42	99	12:35	64S	18:27	262	19:15
2025	Feb	28 (Fri)	05:54	06:42	98	12:35	65S	18:28	262	19:15
2025	Mar	01 (Sat)	05:54	06:41	98	12:34	65S	18:28	262	19:15

2025	Mar	02	(Sun)	05:53	06:40	97	12:34	65S	18:28	263	19:16
2025	Mar	03	(Mon)	05:52	06:40	97	12:34	66S	18:29	263	19:16
2025	Mar	04	(Tue)	05:52	06:39	96	12:34	66S	18:29	264	19:16
2025	Mar	05	(Wed)	05:51	06:38	96	12:34	66S	18:29	264	19:16
2025	Mar	06	(Thu)	05:50	06:37	96	12:33	67S	18:29	265	19:17
2025	Mar	07	(Fri)	05:49	06:37	95	12:33	67S	18:30	265	19:17
2025	Mar	08	(Sat)	05:49	06:36	95	12:33	68S	18:30	265	19:17
2025	Mar	09	(Sun)	05:48	06:35	94	12:33	68S	18:30	266	19:17
2025	Mar	10	(Mon)	05:47	06:34	94	12:32	68S	18:31	266	19:18
2025	Mar	11	(Tue)	05:46	06:33	94	12:32	69S	18:31	267	19:18
2025	Mar	12	(Wed)	05:46	06:33	93	12:32	69S	18:31	267	19:18
2025	Mar	13	(Thu)	05:45	06:32	93	12:31	70S	18:31	267	19:18
2025	Mar	14	(Fri)	05:44	06:31	92	12:31	70S	18:32	268	19:19
2025	Mar	15	(Sat)	05:43	06:30	92	12:31	70S	18:32	268	19:19
2025	Mar	16	(Sun)	05:42	06:30	92	12:31	71S	18:32	269	19:19
2025	Mar	17	(Mon)	05:42	06:29	91	12:30	71S	18:32	269	19:19
2025	Mar	18	(Tue)	05:41	06:28	91	12:30	72S	18:33	269	19:20
2025	Mar	19	(Wed)	05:40	06:27	90	12:30	72S	18:33	270	19:20
2025	Mar	20	(Thu)	05:39	06:26	90	12:29	72S	18:33	270	19:20
2025	Mar	21	(Fri)	05:38	06:25	89	12:29	73S	18:33	271	19:20
2025	Mar	22	(Sat)	05:38	06:25	89	12:29	73S	18:33	271	19:21
2025	Mar	23	(Sun)	05:37	06:24	89	12:29	74S	18:34	272	19:21
2025	Mar	24	(Mon)	05:36	06:23	88	12:28	74S	18:34	272	19:21
2025	Mar	25	(Tue)	05:35	06:22	88	12:28	74S	18:34	272	19:21
2025	Mar	26	(Wed)	05:34	06:21	87	12:28	75S	18:34	273	19:22
2025	Mar	27	(Thu)	05:33	06:21	87	12:27	75S	18:35	273	19:22
2025	Mar	28	(Fri)	05:32	06:20	87	12:27	76S	18:35	274	19:22
2025	Mar	29	(Sat)	05:32	06:19	86	12:27	76S	18:35	274	19:22
2025	Mar	30	(Sun)	05:31	06:18	86	12:26	76S	18:35	274	19:23
2025	Mar	31	(Mon)	05:30	06:17	85	12:26	77S	18:35	275	19:23
2025	Apr	01	(Tue)	05:29	06:16	85	12:26	77S	18:36	275	19:23
2025	Apr	02	(Wed)	05:28	06:16	85	12:26	77S	18:36	276	19:23
2025	Apr	03	(Thu)	05:27	06:15	84	12:25	78S	18:36	276	19:24
2025	Apr	04	(Fri)	05:26	06:14	84	12:25	78S	18:36	276	19:24
2025	Apr	05	(Sat)	05:26	06:13	83	12:25	79S	18:36	277	19:24
2025	Apr	06	(Sun)	05:25	06:12	83	12:24	79S	18:37	277	19:24
2025	Apr	07	(Mon)	05:24	06:12	83	12:24	79S	18:37	278	19:25
2025	Apr	08	(Tue)	05:23	06:11	82	12:24	80S	18:37	278	19:25
2025	Apr	09	(Wed)	05:22	06:10	82	12:24	80S	18:37	278	19:25
2025	Apr	10	(Thu)	05:21	06:09	81	12:23	80S	18:38	279	19:26
2025	Apr	11	(Fri)	05:21	06:09	81	12:23	81S	18:38	279	19:26
2025	Apr	12	(Sat)	05:20	06:08	81	12:23	81S	18:38	280	19:26
2025	Apr	13	(Sun)	05:19	06:07	80	12:23	82S	18:38	280	19:26
2025	Apr	14	(Mon)	05:18	06:06	80	12:22	82S	18:39	280	19:27
2025	Apr	15	(Tue)	05:17	06:06	79	12:22	82S	18:39	281	19:27
2025	Apr	16	(Wed)	05:17	06:05	79	12:22	83S	18:39	281	19:27
2025	Apr	17	(Thu)	05:16	06:04	79	12:22	83S	18:39	282	19:28
2025	Apr	18	(Fri)	05:15	06:03	78	12:21	83S	18:40	282	19:28
2025	Apr	19	(Sat)	05:14	06:03	78	12:21	84S	18:40	282	19:28
2025	Apr	20	(Sun)	05:13	06:02	78	12:21	84S	18:40	283	19:29
2025	Apr	21	(Mon)	05:13	06:01	77	12:21	84S	18:40	283	19:29
2025	Apr	22	(Tue)	05:12	06:01	77	12:21	85S	18:41	283	19:30
2025	Apr	23	(Wed)	05:11	06:00	77	12:20	85S	18:41	284	19:30
2025	Apr	24	(Thu)	05:10	05:59	76	12:20	85S	18:41	284	19:30
2025	Apr	25	(Fri)	05:10	05:59	76	12:20	86S	18:42	284	19:31
2025	Apr	26	(Sat)	05:09	05:58	75	12:20	86S	18:42	285	19:31
2025	Apr	27	(Sun)	05:08	05:57	75	12:20	86S	18:42	285	19:31
2025	Apr	28	(Mon)	05:08	05:57	75	12:20	87S	18:42	285	19:32
2025	Apr	29	(Tue)	05:07	05:56	74	12:19	87S	18:43	286	19:32
2025	Apr	30	(Wed)	05:06	05:56	74	12:19	87S	18:43	286	19:33
2025	May	01	(Thu)	05:06	05:55	74	12:19	88S	18:43	286	19:33
2025	May	02	(Fri)	05:05	05:55	73	12:19	88S	18:44	287	19:33
2025	May	03	(Sat)	05:04	05:54	73	12:19	88S	18:44	287	19:34
2025	May	04	(Sun)	05:04	05:53	73	12:19	88S	18:44	287	19:34
2025	May	05	(Mon)	05:03	05:53	73	12:19	89S	18:45	288	19:35
2025	May	06	(Tue)	05:02	05:52	72	12:19	89S	18:45	288	19:35
2025	May	07	(Wed)	05:02	05:52	72	12:19	89S	18:45	288	19:36
2025	May	08	(Thu)	05:01	05:52	72	12:19	90S	18:46	288	19:36
2025	May	09	(Fri)	05:01	05:51	71	12:18	90S	18:46	289	19:36
2025	May	10	(Sat)	05:00	05:51	71	12:18	90S	18:46	289	19:37
2025	May	11	(Sun)	05:00	05:50	71	12:18	90S	18:47	289	19:37
2025	May	12	(Mon)	04:59	05:50	71	12:18	91S	18:47	290	19:38

2025	May	13	(Tue)	04:59	05:49	70	12:18	91N	18:47	290	19:38
2025	May	14	(Wed)	04:58	05:49	70	12:18	90N	18:48	290	19:39
2025	May	15	(Thu)	04:58	05:49	70	12:18	90N	18:48	290	19:39
2025	May	16	(Fri)	04:57	05:48	70	12:18	90N	18:49	291	19:40
2025	May	17	(Sat)	04:57	05:48	69	12:18	90N	18:49	291	19:40
2025	May	18	(Sun)	04:57	05:48	69	12:18	89N	18:49	291	19:41
2025	May	19	(Mon)	04:56	05:47	69	12:19	89N	18:50	291	19:41
2025	May	20	(Tue)	04:56	05:47	69	12:19	89N	18:50	292	19:42
2025	May	21	(Wed)	04:56	05:47	68	12:19	89N	18:50	292	19:42
2025	May	22	(Thu)	04:55	05:47	68	12:19	89N	18:51	292	19:42
2025	May	23	(Fri)	04:55	05:46	68	12:19	88N	18:51	292	19:43
2025	May	24	(Sat)	04:55	05:46	68	12:19	88N	18:52	292	19:43
2025	May	25	(Sun)	04:54	05:46	68	12:19	88N	18:52	293	19:44
2025	May	26	(Mon)	04:54	05:46	67	12:19	88N	18:52	293	19:44
2025	May	27	(Tue)	04:54	05:46	67	12:19	88N	18:53	293	19:45
2025	May	28	(Wed)	04:54	05:46	67	12:19	87N	18:53	293	19:45
2025	May	29	(Thu)	04:53	05:46	67	12:19	87N	18:54	293	19:46
2025	May	30	(Fri)	04:53	05:45	67	12:20	87N	18:54	293	19:46
2025	May	31	(Sat)	04:53	05:45	67	12:20	87N	18:54	294	19:47
2025	Jun	01	(Sun)	04:53	05:45	66	12:20	87N	18:55	294	19:47
2025	Jun	02	(Mon)	04:53	05:45	66	12:20	87N	18:55	294	19:47
2025	Jun	03	(Tue)	04:53	05:45	66	12:20	87N	18:55	294	19:48
2025	Jun	04	(Wed)	04:53	05:45	66	12:20	87N	18:56	294	19:48
2025	Jun	05	(Thu)	04:53	05:45	66	12:21	86N	18:56	294	19:49
2025	Jun	06	(Fri)	04:53	05:45	66	12:21	86N	18:56	294	19:49
2025	Jun	07	(Sat)	04:53	05:45	66	12:21	86N	18:57	294	19:49
2025	Jun	08	(Sun)	04:53	05:45	66	12:21	86N	18:57	294	19:50
2025	Jun	09	(Mon)	04:53	05:45	65	12:21	86N	18:57	295	19:50
2025	Jun	10	(Tue)	04:53	05:45	65	12:21	86N	18:58	295	19:51
2025	Jun	11	(Wed)	04:53	05:45	65	12:22	86N	18:58	295	19:51
2025	Jun	12	(Thu)	04:53	05:46	65	12:22	86N	18:58	295	19:51
2025	Jun	13	(Fri)	04:53	05:46	65	12:22	86N	18:59	295	19:52
2025	Jun	14	(Sat)	04:53	05:46	65	12:22	86N	18:59	295	19:52
2025	Jun	15	(Sun)	04:53	05:46	65	12:23	86N	18:59	295	19:52
2025	Jun	16	(Mon)	04:53	05:46	65	12:23	86N	18:59	295	19:52
2025	Jun	17	(Tue)	04:53	05:46	65	12:23	86N	19:00	295	19:53
2025	Jun	18	(Wed)	04:53	05:46	65	12:23	86N	19:00	295	19:53
2025	Jun	19	(Thu)	04:54	05:47	65	12:23	86N	19:00	295	19:53
2025	Jun	20	(Fri)	04:54	05:47	65	12:24	86N	19:00	295	19:54
2025	Jun	21	(Sat)	04:54	05:47	65	12:24	86N	19:01	295	19:54
2025	Jun	22	(Sun)	04:54	05:47	65	12:24	86N	19:01	295	19:54
2025	Jun	23	(Mon)	04:54	05:47	65	12:24	86N	19:01	295	19:54
2025	Jun	24	(Tue)	04:55	05:48	65	12:24	86N	19:01	295	19:54
2025	Jun	25	(Wed)	04:55	05:48	65	12:25	86N	19:01	295	19:54
2025	Jun	26	(Thu)	04:55	05:48	65	12:25	86N	19:02	295	19:55
2025	Jun	27	(Fri)	04:56	05:48	65	12:25	86N	19:02	295	19:55
2025	Jun	28	(Sat)	04:56	05:49	65	12:25	86N	19:02	295	19:55
2025	Jun	29	(Sun)	04:56	05:49	65	12:26	86N	19:02	295	19:55
2025	Jun	30	(Mon)	04:56	05:49	65	12:26	86N	19:02	295	19:55
2025	Jul	01	(Tue)	04:57	05:50	65	12:26	86N	19:02	295	19:55
2025	Jul	02	(Wed)	04:57	05:50	65	12:26	86N	19:02	295	19:55
2025	Jul	03	(Thu)	04:57	05:50	65	12:26	86N	19:02	295	19:55
2025	Jul	04	(Fri)	04:58	05:51	66	12:26	86N	19:02	294	19:55
2025	Jul	05	(Sat)	04:58	05:51	66	12:27	86N	19:02	294	19:55
2025	Jul	06	(Sun)	04:59	05:51	66	12:27	86N	19:02	294	19:55
2025	Jul	07	(Mon)	04:59	05:52	66	12:27	86N	19:02	294	19:55
2025	Jul	08	(Tue)	04:59	05:52	66	12:27	87N	19:02	294	19:55
2025	Jul	09	(Wed)	05:00	05:52	66	12:27	87N	19:02	294	19:55
2025	Jul	10	(Thu)	05:00	05:53	66	12:27	87N	19:02	294	19:55
2025	Jul	11	(Fri)	05:01	05:53	66	12:28	87N	19:02	294	19:54
2025	Jul	12	(Sat)	05:01	05:53	66	12:28	87N	19:02	293	19:54
2025	Jul	13	(Sun)	05:01	05:54	67	12:28	87N	19:02	293	19:54
2025	Jul	14	(Mon)	05:02	05:54	67	12:28	87N	19:02	293	19:54
2025	Jul	15	(Tue)	05:02	05:54	67	12:28	88N	19:02	293	19:54
2025	Jul	16	(Wed)	05:03	05:55	67	12:28	88N	19:02	293	19:53
2025	Jul	17	(Thu)	05:03	05:55	67	12:28	88N	19:01	293	19:53
2025	Jul	18	(Fri)	05:03	05:55	68	12:28	88N	19:01	292	19:53
2025	Jul	19	(Sat)	05:04	05:56	68	12:28	88N	19:01	292	19:53
2025	Jul	20	(Sun)	05:04	05:56	68	12:28	88N	19:01	292	19:52
2025	Jul	21	(Mon)	05:05	05:56	68	12:28	89N	19:00	292	19:52
2025	Jul	22	(Tue)	05:05	05:57	68	12:29	89N	19:00	292	19:52
2025	Jul	23	(Wed)	05:06	05:57	69	12:29	89N	19:00	291	19:51

2025	Jul	24	(Thu)	05:06	05:57	69	12:29	89N	19:00	291	19:51
2025	Jul	25	(Fri)	05:07	05:58	69	12:29	89N	18:59	291	19:50
2025	Jul	26	(Sat)	05:07	05:58	69	12:29	90N	18:59	291	19:50
2025	Jul	27	(Sun)	05:07	05:58	69	12:29	90N	18:59	290	19:50
2025	Jul	28	(Mon)	05:08	05:59	70	12:29	90N	18:58	290	19:49
2025	Jul	29	(Tue)	05:08	05:59	70	12:29	90N	18:58	290	19:49
2025	Jul	30	(Wed)	05:09	05:59	70	12:29	91N	18:57	290	19:48
2025	Jul	31	(Thu)	05:09	06:00	70	12:28	91S	18:57	289	19:48
2025	Aug	01	(Fri)	05:09	06:00	71	12:28	90S	18:57	289	19:47
2025	Aug	02	(Sat)	05:10	06:00	71	12:28	90S	18:56	289	19:47
2025	Aug	03	(Sun)	05:10	06:01	71	12:28	90S	18:56	289	19:46
2025	Aug	04	(Mon)	05:11	06:01	72	12:28	90S	18:55	288	19:45
2025	Aug	05	(Tue)	05:11	06:01	72	12:28	89S	18:55	288	19:45
2025	Aug	06	(Wed)	05:11	06:02	72	12:28	89S	18:54	288	19:44
2025	Aug	07	(Thu)	05:12	06:02	72	12:28	89S	18:54	287	19:44
2025	Aug	08	(Fri)	05:12	06:02	73	12:28	88S	18:53	287	19:43
2025	Aug	09	(Sat)	05:13	06:02	73	12:28	88S	18:52	287	19:42
2025	Aug	10	(Sun)	05:13	06:03	73	12:27	88S	18:52	287	19:42
2025	Aug	11	(Mon)	05:13	06:03	74	12:27	88S	18:51	286	19:41
2025	Aug	12	(Tue)	05:14	06:03	74	12:27	87S	18:51	286	19:40
2025	Aug	13	(Wed)	05:14	06:04	74	12:27	87S	18:50	286	19:39
2025	Aug	14	(Thu)	05:14	06:04	75	12:27	87S	18:49	285	19:39
2025	Aug	15	(Fri)	05:15	06:04	75	12:27	86S	18:49	285	19:38
2025	Aug	16	(Sat)	05:15	06:04	75	12:26	86S	18:48	285	19:37
2025	Aug	17	(Sun)	05:15	06:05	76	12:26	86S	18:48	284	19:37
2025	Aug	18	(Mon)	05:16	06:05	76	12:26	85S	18:47	284	19:36
2025	Aug	19	(Tue)	05:16	06:05	76	12:26	85S	18:46	284	19:35
2025	Aug	20	(Wed)	05:16	06:05	77	12:25	85S	18:45	283	19:34
2025	Aug	21	(Thu)	05:17	06:05	77	12:25	84S	18:45	283	19:33
2025	Aug	22	(Fri)	05:17	06:06	77	12:25	84S	18:44	283	19:33
2025	Aug	23	(Sat)	05:17	06:06	78	12:25	84S	18:43	282	19:32
2025	Aug	24	(Sun)	05:18	06:06	78	12:24	83S	18:43	282	19:31
2025	Aug	25	(Mon)	05:18	06:06	78	12:24	83S	18:42	281	19:30
2025	Aug	26	(Tue)	05:18	06:06	79	12:24	83S	18:41	281	19:29
2025	Aug	27	(Wed)	05:18	06:07	79	12:24	82S	18:40	281	19:28
2025	Aug	28	(Thu)	05:19	06:07	79	12:23	82S	18:39	280	19:28
2025	Aug	29	(Fri)	05:19	06:07	80	12:23	82S	18:39	280	19:27
2025	Aug	30	(Sat)	05:19	06:07	80	12:23	81S	18:38	280	19:26
2025	Aug	31	(Sun)	05:19	06:07	81	12:22	81S	18:37	279	19:25
2025	Sep	01	(Mon)	05:20	06:08	81	12:22	81S	18:36	279	19:24
2025	Sep	02	(Tue)	05:20	06:08	81	12:22	80S	18:35	278	19:23
2025	Sep	03	(Wed)	05:20	06:08	82	12:21	80S	18:35	278	19:22
2025	Sep	04	(Thu)	05:20	06:08	82	12:21	79S	18:34	278	19:22
2025	Sep	05	(Fri)	05:21	06:08	83	12:21	79S	18:33	277	19:21
2025	Sep	06	(Sat)	05:21	06:08	83	12:20	79S	18:32	277	19:20
2025	Sep	07	(Sun)	05:21	06:09	83	12:20	78S	18:31	276	19:19
2025	Sep	08	(Mon)	05:21	06:09	84	12:20	78S	18:30	276	19:18
2025	Sep	09	(Tue)	05:21	06:09	84	12:19	78S	18:30	276	19:17
2025	Sep	10	(Wed)	05:22	06:09	85	12:19	77S	18:29	275	19:16
2025	Sep	11	(Thu)	05:22	06:09	85	12:19	77S	18:28	275	19:15
2025	Sep	12	(Fri)	05:22	06:09	85	12:18	76S	18:27	274	19:14
2025	Sep	13	(Sat)	05:22	06:10	86	12:18	76S	18:26	274	19:13
2025	Sep	14	(Sun)	05:22	06:10	86	12:18	76S	18:25	274	19:13
2025	Sep	15	(Mon)	05:23	06:10	87	12:17	75S	18:24	273	19:12
2025	Sep	16	(Tue)	05:23	06:10	87	12:17	75S	18:24	273	19:11
2025	Sep	17	(Wed)	05:23	06:10	87	12:17	75S	18:23	272	19:10
2025	Sep	18	(Thu)	05:23	06:10	88	12:16	74S	18:22	272	19:09
2025	Sep	19	(Fri)	05:23	06:10	88	12:16	74S	18:21	272	19:08
2025	Sep	20	(Sat)	05:23	06:11	89	12:15	73S	18:20	271	19:07
2025	Sep	21	(Sun)	05:24	06:11	89	12:15	73S	18:19	271	19:06
2025	Sep	22	(Mon)	05:24	06:11	89	12:15	73S	18:18	270	19:05
2025	Sep	23	(Tue)	05:24	06:11	90	12:14	72S	18:17	270	19:05
2025	Sep	24	(Wed)	05:24	06:11	90	12:14	72S	18:17	270	19:04
2025	Sep	25	(Thu)	05:24	06:11	91	12:14	71S	18:16	269	19:03
2025	Sep	26	(Fri)	05:25	06:12	91	12:13	71S	18:15	269	19:02
2025	Sep	27	(Sat)	05:25	06:12	91	12:13	71S	18:14	268	19:01
2025	Sep	28	(Sun)	05:25	06:12	92	12:13	70S	18:13	268	19:00
2025	Sep	29	(Mon)	05:25	06:12	92	12:12	70S	18:12	268	18:59
2025	Sep	30	(Tue)	05:25	06:12	93	12:12	70S	18:11	267	18:59
2025	Oct	01	(Wed)	05:25	06:13	93	12:12	69S	18:11	267	18:58
2025	Oct	02	(Thu)	05:26	06:13	93	12:11	69S	18:10	266	18:57
2025	Oct	03	(Fri)	05:26	06:13	94	12:11	68S	18:09	266	18:56

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

2025	Dec 15	(Mon)	05:55	06:46	114	12:17	49S	17:48	246	18:39
2025	Dec 16	(Tue)	05:55	06:46	114	12:18	49S	17:49	246	18:40
2025	Dec 17	(Wed)	05:56	06:47	114	12:18	49S	17:49	246	18:40
2025	Dec 18	(Thu)	05:57	06:47	114	12:19	49S	17:50	246	18:41
2025	Dec 19	(Fri)	05:57	06:48	114	12:19	49S	17:50	246	18:41
2025	Dec 20	(Sat)	05:58	06:49	114	12:20	49S	17:51	246	18:42
2025	Dec 21	(Sun)	05:58	06:49	114	12:20	49S	17:51	246	18:42
2025	Dec 22	(Mon)	05:59	06:50	114	12:21	49S	17:52	246	18:43
2025	Dec 23	(Tue)	05:59	06:50	114	12:21	49S	17:52	246	18:43
2025	Dec 24	(Wed)	06:00	06:51	114	12:22	49S	17:53	246	18:44
2025	Dec 25	(Thu)	06:00	06:51	114	12:22	49S	17:53	246	18:44
2025	Dec 26	(Fri)	06:00	06:51	114	12:23	49S	17:54	246	18:45
2025	Dec 27	(Sat)	06:01	06:52	114	12:23	49S	17:54	246	18:45
2025	Dec 28	(Sun)	06:01	06:52	114	12:24	49S	17:55	246	18:46
2025	Dec 29	(Mon)	06:02	06:53	114	12:24	49S	17:55	246	18:46
2025	Dec 30	(Tue)	06:02	06:53	114	12:25	49S	17:56	246	18:47
2025	Dec 31	(Wed)	06:03	06:53	114	12:25	49S	17:57	246	18:47

Sun

Lampang

Location: E 99°29'31.2", N18°17'23.9", 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)	06:30	06:54 114		12:26 49S	17:57 246		18:21
2025 Jan 02 (Thu)	06:31	06:54 114		12:26 50S	17:58 246		18:22
2025 Jan 03 (Fri)	06:31	06:55 114		12:27 50S	17:59 246		18:22
2025 Jan 04 (Sat)	06:31	06:55 114		12:27 50S	17:59 246		18:23
2025 Jan 05 (Sun)	06:32	06:55 114		12:27 50S	18:00 246		18:23
2025 Jan 06 (Mon)	06:32	06:55 113		12:28 50S	18:00 247		18:24
2025 Jan 07 (Tue)	06:32	06:56 113		12:28 50S	18:01 247		18:25
2025 Jan 08 (Wed)	06:32	06:56 113		12:29 50S	18:02 247		18:25
2025 Jan 09 (Thu)	06:33	06:56 113		12:29 50S	18:02 247		18:26
2025 Jan 10 (Fri)	06:33	06:56 113		12:30 51S	18:03 247		18:26
2025 Jan 11 (Sat)	06:33	06:56 113		12:30 51S	18:04 247		18:27
2025 Jan 12 (Sun)	06:33	06:57 113		12:30 51S	18:04 248		18:28
2025 Jan 13 (Mon)	06:33	06:57 112		12:31 51S	18:05 248		18:28
2025 Jan 14 (Tue)	06:33	06:57 112		12:31 51S	18:05 248		18:29
2025 Jan 15 (Wed)	06:34	06:57 112		12:31 51S	18:06 248		18:29
2025 Jan 16 (Thu)	06:34	06:57 112		12:32 52S	18:07 248		18:30
2025 Jan 17 (Fri)	06:34	06:57 112		12:32 52S	18:07 248		18:31
2025 Jan 18 (Sat)	06:34	06:57 111		12:32 52S	18:08 249		18:31
2025 Jan 19 (Sun)	06:34	06:57 111		12:33 52S	18:09 249		18:32
2025 Jan 20 (Mon)	06:34	06:57 111		12:33 52S	18:09 249		18:32
2025 Jan 21 (Tue)	06:34	06:57 111		12:33 53S	18:10 249		18:33
2025 Jan 22 (Wed)	06:34	06:57 110		12:34 53S	18:10 250		18:34
2025 Jan 23 (Thu)	06:34	06:57 110		12:34 53S	18:11 250		18:34
2025 Jan 24 (Fri)	06:34	06:57 110		12:34 53S	18:12 250		18:35
2025 Jan 25 (Sat)	06:34	06:57 110		12:34 54S	18:12 250		18:35
2025 Jan 26 (Sun)	06:34	06:56 109		12:35 54S	18:13 251		18:36
2025 Jan 27 (Mon)	06:33	06:56 109		12:35 54S	18:13 251		18:36
2025 Jan 28 (Tue)	06:33	06:56 109		12:35 54S	18:14 251		18:37
2025 Jan 29 (Wed)	06:33	06:56 109		12:35 55S	18:15 252		18:37
2025 Jan 30 (Thu)	06:33	06:56 108		12:35 55S	18:15 252		18:38
2025 Jan 31 (Fri)	06:33	06:55 108		12:35 55S	18:16 252		18:38
2025 Feb 01 (Sat)	06:32	06:55 108		12:36 55S	18:16 252		18:39
2025 Feb 02 (Sun)	06:32	06:55 107		12:36 56S	18:17 253		18:39
2025 Feb 03 (Mon)	06:32	06:55 107		12:36 56S	18:17 253		18:40
2025 Feb 04 (Tue)	06:32	06:54 107		12:36 56S	18:18 253		18:40
2025 Feb 05 (Wed)	06:31	06:54 106		12:36 57S	18:18 254		18:41
2025 Feb 06 (Thu)	06:31	06:54 106		12:36 57S	18:19 254		18:41
2025 Feb 07 (Fri)	06:31	06:53 106		12:36 57S	18:19 254		18:42
2025 Feb 08 (Sat)	06:30	06:53 106		12:36 58S	18:20 255		18:42
2025 Feb 09 (Sun)	06:30	06:52 105		12:36 58S	18:20 255		18:43
2025 Feb 10 (Mon)	06:30	06:52 105		12:36 58S	18:21 255		18:43
2025 Feb 11 (Tue)	06:29	06:52 104		12:36 58S	18:21 256		18:44

2025	Feb	12	(Wed)	06:29	06:51	104	12:36	59S	18:22	256	18:44
2025	Feb	13	(Thu)	06:28	06:51	104	12:36	59S	18:22	256	18:44
2025	Feb	14	(Fri)	06:28	06:50	103	12:36	59S	18:22	257	18:45
2025	Feb	15	(Sat)	06:27	06:50	103	12:36	60S	18:23	257	18:45
2025	Feb	16	(Sun)	06:27	06:49	103	12:36	60S	18:23	257	18:46
2025	Feb	17	(Mon)	06:26	06:48	102	12:36	61S	18:24	258	18:46
2025	Feb	18	(Tue)	06:26	06:48	102	12:36	61S	18:24	258	18:46
2025	Feb	19	(Wed)	06:25	06:47	102	12:36	61S	18:25	259	18:47
2025	Feb	20	(Thu)	06:25	06:47	101	12:36	62S	18:25	259	18:47
2025	Feb	21	(Fri)	06:24	06:46	101	12:36	62S	18:25	259	18:47
2025	Feb	22	(Sat)	06:23	06:46	100	12:35	62S	18:26	260	18:48
2025	Feb	23	(Sun)	06:23	06:45	100	12:35	63S	18:26	260	18:48
2025	Feb	24	(Mon)	06:22	06:44	100	12:35	63S	18:26	261	18:48
2025	Feb	25	(Tue)	06:22	06:44	99	12:35	63S	18:27	261	18:49
2025	Feb	26	(Wed)	06:21	06:43	99	12:35	64S	18:27	261	18:49
2025	Feb	27	(Thu)	06:20	06:42	99	12:35	64S	18:27	262	18:49
2025	Feb	28	(Fri)	06:20	06:42	98	12:35	65S	18:28	262	18:50
2025	Mar	01	(Sat)	06:19	06:41	98	12:34	65S	18:28	262	18:50
2025	Mar	02	(Sun)	06:18	06:40	97	12:34	65S	18:28	263	18:50
2025	Mar	03	(Mon)	06:18	06:40	97	12:34	66S	18:29	263	18:50
2025	Mar	04	(Tue)	06:17	06:39	96	12:34	66S	18:29	264	18:51
2025	Mar	05	(Wed)	06:16	06:38	96	12:34	66S	18:29	264	18:51
2025	Mar	06	(Thu)	06:15	06:37	96	12:33	67S	18:29	265	18:51
2025	Mar	07	(Fri)	06:15	06:37	95	12:33	67S	18:30	265	18:52
2025	Mar	08	(Sat)	06:14	06:36	95	12:33	68S	18:30	265	18:52
2025	Mar	09	(Sun)	06:13	06:35	94	12:33	68S	18:30	266	18:52
2025	Mar	10	(Mon)	06:12	06:34	94	12:32	68S	18:31	266	18:52
2025	Mar	11	(Tue)	06:12	06:33	94	12:32	69S	18:31	267	18:53
2025	Mar	12	(Wed)	06:11	06:33	93	12:32	69S	18:31	267	18:53
2025	Mar	13	(Thu)	06:10	06:32	93	12:31	70S	18:31	267	18:53
2025	Mar	14	(Fri)	06:09	06:31	92	12:31	70S	18:32	268	18:53
2025	Mar	15	(Sat)	06:09	06:30	92	12:31	70S	18:32	268	18:54
2025	Mar	16	(Sun)	06:08	06:30	92	12:31	71S	18:32	269	18:54
2025	Mar	17	(Mon)	06:07	06:29	91	12:30	71S	18:32	269	18:54
2025	Mar	18	(Tue)	06:06	06:28	91	12:30	72S	18:33	269	18:54
2025	Mar	19	(Wed)	06:05	06:27	90	12:30	72S	18:33	270	18:55
2025	Mar	20	(Thu)	06:05	06:26	90	12:29	72S	18:33	270	18:55
2025	Mar	21	(Fri)	06:04	06:25	89	12:29	73S	18:33	271	18:55
2025	Mar	22	(Sat)	06:03	06:25	89	12:29	73S	18:33	271	18:55
2025	Mar	23	(Sun)	06:02	06:24	89	12:29	74S	18:34	272	18:55
2025	Mar	24	(Mon)	06:01	06:23	88	12:28	74S	18:34	272	18:56
2025	Mar	25	(Tue)	06:00	06:22	88	12:28	74S	18:34	272	18:56
2025	Mar	26	(Wed)	06:00	06:21	87	12:28	75S	18:34	273	18:56
2025	Mar	27	(Thu)	05:59	06:21	87	12:27	75S	18:35	273	18:56
2025	Mar	28	(Fri)	05:58	06:20	87	12:27	76S	18:35	274	18:57
2025	Mar	29	(Sat)	05:57	06:19	86	12:27	76S	18:35	274	18:57
2025	Mar	30	(Sun)	05:56	06:18	86	12:26	76S	18:35	274	18:57
2025	Mar	31	(Mon)	05:55	06:17	85	12:26	77S	18:35	275	18:57
2025	Apr	01	(Tue)	05:55	06:16	85	12:26	77S	18:36	275	18:58
2025	Apr	02	(Wed)	05:54	06:16	85	12:26	77S	18:36	276	18:58
2025	Apr	03	(Thu)	05:53	06:15	84	12:25	78S	18:36	276	18:58
2025	Apr	04	(Fri)	05:52	06:14	84	12:25	78S	18:36	276	18:58
2025	Apr	05	(Sat)	05:51	06:13	83	12:25	79S	18:36	277	18:58
2025	Apr	06	(Sun)	05:50	06:12	83	12:24	79S	18:37	277	18:59
2025	Apr	07	(Mon)	05:50	06:12	83	12:24	79S	18:37	278	18:59
2025	Apr	08	(Tue)	05:49	06:11	82	12:24	80S	18:37	278	18:59
2025	Apr	09	(Wed)	05:48	06:10	82	12:24	80S	18:37	278	18:59
2025	Apr	10	(Thu)	05:47	06:09	81	12:23	80S	18:38	279	19:00
2025	Apr	11	(Fri)	05:46	06:09	81	12:23	81S	18:38	279	19:00
2025	Apr	12	(Sat)	05:46	06:08	81	12:23	81S	18:38	280	19:00
2025	Apr	13	(Sun)	05:45	06:07	80	12:23	82S	18:38	280	19:01
2025	Apr	14	(Mon)	05:44	06:06	80	12:22	82S	18:39	280	19:01
2025	Apr	15	(Tue)	05:43	06:06	79	12:22	82S	18:39	281	19:01
2025	Apr	16	(Wed)	05:43	06:05	79	12:22	83S	18:39	281	19:01
2025	Apr	17	(Thu)	05:42	06:04	79	12:22	83S	18:39	282	19:02
2025	Apr	18	(Fri)	05:41	06:03	78	12:21	83S	18:40	282	19:02
2025	Apr	19	(Sat)	05:40	06:03	78	12:21	84S	18:40	282	19:02
2025	Apr	20	(Sun)	05:40	06:02	78	12:21	84S	18:40	283	19:03
2025	Apr	21	(Mon)	05:39	06:01	77	12:21	84S	18:40	283	19:03
2025	Apr	22	(Tue)	05:38	06:01	77	12:21	85S	18:41	283	19:03
2025	Apr	23	(Wed)	05:37	06:00	77	12:20	85S	18:41	284	19:03
2025	Apr	24	(Thu)	05:37	05:59	76	12:20	85S	18:41	284	19:04

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

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

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

2025	Nov	27	(Thu)	06:12	06:35	112	12:10	51S	17:44	248	18:07
2025	Nov	28	(Fri)	06:12	06:36	112	12:10	51S	17:44	248	18:07
2025	Nov	29	(Sat)	06:13	06:36	112	12:10	51S	17:44	248	18:08
2025	Nov	30	(Sun)	06:14	06:37	113	12:11	51S	17:44	247	18:08
2025	Dec	01	(Mon)	06:14	06:38	113	12:11	51S	17:44	247	18:08
2025	Dec	02	(Tue)	06:15	06:38	113	12:11	50S	17:45	247	18:08
2025	Dec	03	(Wed)	06:15	06:39	113	12:12	50S	17:45	247	18:08
2025	Dec	04	(Thu)	06:16	06:39	113	12:12	50S	17:45	247	18:08
2025	Dec	05	(Fri)	06:16	06:40	113	12:13	50S	17:45	247	18:09
2025	Dec	06	(Sat)	06:17	06:41	113	12:13	50S	17:45	246	18:09
2025	Dec	07	(Sun)	06:18	06:41	114	12:13	50S	17:46	246	18:09
2025	Dec	08	(Mon)	06:18	06:42	114	12:14	50S	17:46	246	18:10
2025	Dec	09	(Tue)	06:19	06:42	114	12:14	50S	17:46	246	18:10
2025	Dec	10	(Wed)	06:19	06:43	114	12:15	49S	17:47	246	18:10
2025	Dec	11	(Thu)	06:20	06:44	114	12:15	49S	17:47	246	18:11
2025	Dec	12	(Fri)	06:20	06:44	114	12:16	49S	17:47	246	18:11
2025	Dec	13	(Sat)	06:21	06:45	114	12:16	49S	17:48	246	18:11
2025	Dec	14	(Sun)	06:22	06:45	114	12:17	49S	17:48	246	18:12
2025	Dec	15	(Mon)	06:22	06:46	114	12:17	49S	17:48	246	18:12
2025	Dec	16	(Tue)	06:23	06:46	114	12:18	49S	17:49	246	18:13
2025	Dec	17	(Wed)	06:23	06:47	114	12:18	49S	17:49	246	18:13
2025	Dec	18	(Thu)	06:24	06:47	114	12:19	49S	17:50	246	18:13
2025	Dec	19	(Fri)	06:24	06:48	114	12:19	49S	17:50	246	18:14
2025	Dec	20	(Sat)	06:25	06:49	114	12:20	49S	17:51	246	18:14
2025	Dec	21	(Sun)	06:25	06:49	114	12:20	49S	17:51	246	18:15
2025	Dec	22	(Mon)	06:26	06:50	114	12:21	49S	17:52	246	18:15
2025	Dec	23	(Tue)	06:26	06:50	114	12:21	49S	17:52	246	18:16
2025	Dec	24	(Wed)	06:27	06:51	114	12:22	49S	17:53	246	18:16
2025	Dec	25	(Thu)	06:27	06:51	114	12:22	49S	17:53	246	18:17
2025	Dec	26	(Fri)	06:28	06:51	114	12:23	49S	17:54	246	18:17
2025	Dec	27	(Sat)	06:28	06:52	114	12:23	49S	17:54	246	18:18
2025	Dec	28	(Sun)	06:29	06:52	114	12:24	49S	17:55	246	18:19
2025	Dec	29	(Mon)	06:29	06:53	114	12:24	49S	17:55	246	18:19
2025	Dec	30	(Tue)	06:29	06:53	114	12:25	49S	17:56	246	18:20
2025	Dec	31	(Wed)	06:30	06:53	114	12:25	49S	17:57	246	18:20

Moon

Lampang

Location: E 99°29'31.2", N18°17'23.9", 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)	08:05	117		13:40	47S		19:18	244	
2025 Jan 02 (Thu)	08:54	113		14:35	51S		20:19	249	
2025 Jan 03 (Fri)	09:38	108		15:26	56S		21:18	255	
2025 Jan 04 (Sat)	10:19	101		16:15	63S		22:16	262	
2025 Jan 05 (Sun)	10:57	94		17:03	70S		23:13	269	
2025 Jan 06 (Mon)	11:35	87		17:50	77S				
2025 Jan 07 (Tue)	12:13	80		18:38	83S		00:09	276	
2025 Jan 08 (Wed)	12:54	73		19:29	90S		01:07	283	
2025 Jan 09 (Thu)	13:39	68		20:23	86N		02:08	290	
2025 Jan 10 (Fri)	14:30	63		21:21	83N		03:11	295	
2025 Jan 11 (Sat)	15:26	61		22:22	81N		04:16	298	
2025 Jan 12 (Sun)	16:26	60		23:24	81N		05:20	300	
2025 Jan 13 (Mon)	17:29	61					06:20	299	
2025 Jan 14 (Tue)	18:30	65		00:23	82N		07:14	297	
2025 Jan 15 (Wed)	19:29	69		01:18	86N		08:02	293	
2025 Jan 16 (Thu)	20:23	75		02:08	91N		08:44	288	
2025 Jan 17 (Fri)	21:14	81		02:54	85S		09:21	282	
2025 Jan 18 (Sat)	22:03	87		03:37	80S		09:54	276	
2025 Jan 19 (Sun)	22:51	93		04:17	74S		10:26	270	
2025 Jan 20 (Mon)	23:38	99		04:56	68S		10:57	264	
2025 Jan 21 (Tue)				05:36	62S		11:29	258	
2025 Jan 22 (Wed)	00:26	105		06:16	57S		12:03	253	
2025 Jan 23 (Thu)	01:16	110		07:00	52S		12:41	248	
2025 Jan 24 (Fri)	02:09	115		07:47	48S		13:22	244	
2025 Jan 25 (Sat)	03:04	118		08:38	45S		14:10	241	

2025	Jan	26	(Sun)	04:01	120	09:32	43S	15:03	240
2025	Jan	27	(Mon)	04:58	120	10:29	43S	16:01	240
2025	Jan	28	(Tue)	05:54	119	11:27	45S	17:03	243
2025	Jan	29	(Wed)	06:45	115	12:24	49S	18:05	247
2025	Jan	30	(Thu)	07:32	110	13:18	54S	19:07	253
2025	Jan	31	(Fri)	08:15	104	14:09	60S	20:07	259
2025	Feb	01	(Sat)	08:56	97	14:58	67S	21:06	267
2025	Feb	02	(Sun)	09:34	89	15:47	74S	22:04	274
2025	Feb	03	(Mon)	10:13	82	16:35	82S	23:02	282
2025	Feb	04	(Tue)	10:54	75	17:26	88S		
2025	Feb	05	(Wed)	11:37	69	18:19	88N	00:02	288
2025	Feb	06	(Thu)	12:26	64	19:15	83N	01:05	294
2025	Feb	07	(Fri)	13:19	61	20:14	81N	02:08	298
2025	Feb	08	(Sat)	14:17	60	21:14	80N	03:11	300
2025	Feb	09	(Sun)	15:18	61	22:13	81N	04:12	300
2025	Feb	10	(Mon)	16:18	63	23:09	84N	05:07	298
2025	Feb	11	(Tue)	17:17	67			05:56	295
2025	Feb	12	(Wed)	18:13	72	00:00	89N	06:39	290
2025	Feb	13	(Thu)	19:05	78	00:47	88S	07:17	285
2025	Feb	14	(Fri)	19:55	84	01:31	82S	07:52	279
2025	Feb	15	(Sat)	20:43	91	02:12	76S	08:25	272
2025	Feb	16	(Sun)	21:31	97	02:52	70S	08:56	266
2025	Feb	17	(Mon)	22:19	103	03:31	64S	09:28	260
2025	Feb	18	(Tue)	23:08	108	04:12	58S	10:01	255
2025	Feb	19	(Wed)	23:59	113	04:54	53S	10:37	249
2025	Feb	20	(Thu)			05:39	49S	11:16	245
2025	Feb	21	(Fri)	00:52	117	06:27	46S	12:00	242
2025	Feb	22	(Sat)	01:48	119	07:19	44S	12:50	240
2025	Feb	23	(Sun)	02:44	120	08:14	43S	13:45	240
2025	Feb	24	(Mon)	03:40	120	09:11	44S	14:44	241
2025	Feb	25	(Tue)	04:32	117	10:08	47S	15:46	245
2025	Feb	26	(Wed)	05:21	113	11:03	51S	16:48	250
2025	Feb	27	(Thu)	06:07	107	11:56	57S	17:50	256
2025	Feb	28	(Fri)	06:49	100	12:47	64S	18:51	263
2025	Mar	01	(Sat)	07:29	93	13:37	71S	19:51	271
2025	Mar	02	(Sun)	08:09	85	14:27	79S	20:51	279
2025	Mar	03	(Mon)	08:50	78	15:19	86S	21:53	286
2025	Mar	04	(Tue)	09:34	71	16:13	89N	22:56	292
2025	Mar	05	(Wed)	10:22	66	17:09	85N		
2025	Mar	06	(Thu)	11:14	62	18:09	81N	00:01	297
2025	Mar	07	(Fri)	12:12	60	19:09	80N	01:05	300
2025	Mar	08	(Sat)	13:11	60	20:08	81N	02:07	300
2025	Mar	09	(Sun)	14:12	62	21:04	83N	03:03	299
2025	Mar	10	(Mon)	15:11	66	21:56	87N	03:54	296
2025	Mar	11	(Tue)	16:06	70	22:44	90S	04:38	292
2025	Mar	12	(Wed)	16:59	76	23:28	84S	05:17	287
2025	Mar	13	(Thu)	17:49	82			05:52	281
2025	Mar	14	(Fri)	18:38	88	00:09	78S	06:25	275
2025	Mar	15	(Sat)	19:25	95	00:49	72S	06:57	268
2025	Mar	16	(Sun)	20:13	101	01:29	66S	07:28	262
2025	Mar	17	(Mon)	21:01	106	02:09	60S	08:01	257
2025	Mar	18	(Tue)	21:52	111	02:50	55S	08:35	251
2025	Mar	19	(Wed)	22:44	116	03:34	51S	09:13	247
2025	Mar	20	(Thu)	23:38	119	04:20	47S	09:55	243
2025	Mar	21	(Fri)			05:11	44S	10:41	241
2025	Mar	22	(Sat)	00:33	120	06:03	43S	11:33	240
2025	Mar	23	(Sun)	01:28	120	06:58	43S	12:29	240
2025	Mar	24	(Mon)	02:21	119	07:54	45S	13:29	243
2025	Mar	25	(Tue)	03:10	115	08:48	49S	14:29	247
2025	Mar	26	(Wed)	03:56	110	09:41	54S	15:30	253
2025	Mar	27	(Thu)	04:39	104	10:32	60S	16:30	259
2025	Mar	28	(Fri)	05:20	97	11:23	67S	17:31	267
2025	Mar	29	(Sat)	06:00	89	12:13	75S	18:32	275
2025	Mar	30	(Sun)	06:41	81	13:05	82S	19:34	283
2025	Mar	31	(Mon)	07:25	74	13:59	89S	20:39	290
2025	Apr	01	(Tue)	08:13	68	14:57	86N	21:46	295
2025	Apr	02	(Wed)	09:05	63	15:58	82N	22:54	299
2025	Apr	03	(Thu)	10:03	60	17:00	80N	23:58	300
2025	Apr	04	(Fri)	11:04	60	18:02	80N		
2025	Apr	05	(Sat)	12:06	61	19:00	82N	00:58	300
2025	Apr	06	(Sun)	13:06	64	19:53	86N	01:51	297
2025	Apr	07	(Mon)	14:02	69	20:42	90N	02:37	293

2025 Apr 08 (Tue)	14:56 74	21:27 86S	03:18 288
2025 Apr 09 (Wed)	15:46 80	22:09 80S	03:54 283
2025 Apr 10 (Thu)	16:34 86	22:49 74S	04:27 277
2025 Apr 11 (Fri)	17:22 93	23:28 68S	04:59 271
2025 Apr 12 (Sat)	18:09 99		05:30 264
2025 Apr 13 (Sun)	18:57 104	00:07 62S	06:02 258
2025 Apr 14 (Mon)	19:47 110	00:48 57S	06:36 253
2025 Apr 15 (Tue)	20:39 114	01:31 52S	07:12 248
2025 Apr 16 (Wed)	21:32 118	02:17 48S	07:53 244
2025 Apr 17 (Thu)	22:27 120	03:06 45S	08:38 241
2025 Apr 18 (Fri)	23:21 120	03:57 43S	09:27 240
2025 Apr 19 (Sat)		04:51 43S	10:21 240
2025 Apr 20 (Sun)	00:13 119	05:45 45S	11:18 242
2025 Apr 21 (Mon)	01:03 117	06:38 47S	12:16 245
2025 Apr 22 (Tue)	01:48 112	07:30 52S	13:15 250
2025 Apr 23 (Wed)	02:31 107	08:20 57S	14:14 256
2025 Apr 24 (Thu)	03:11 100	09:09 64S	15:12 263
2025 Apr 25 (Fri)	03:51 93	09:58 71S	16:11 271
2025 Apr 26 (Sat)	04:31 85	10:49 79S	17:12 279
2025 Apr 27 (Sun)	05:13 78	11:42 86S	18:16 286
2025 Apr 28 (Mon)	05:59 71	12:38 89N	19:23 292
2025 Apr 29 (Tue)	06:50 65	13:39 84N	20:32 297
2025 Apr 30 (Wed)	07:47 61	14:43 81N	21:41 300
2025 May 01 (Thu)	08:49 60	15:48 80N	22:46 300
2025 May 02 (Fri)	09:53 61	16:50 81N	23:44 298
2025 May 03 (Sat)	10:56 63	17:47 84N	
2025 May 04 (Sun)	11:56 67	18:38 89N	00:34 295
2025 May 05 (Mon)	12:51 73	19:25 88S	01:17 290
2025 May 06 (Tue)	13:43 78	20:08 82S	01:55 284
2025 May 07 (Wed)	14:32 84	20:48 76S	02:29 279
2025 May 08 (Thu)	15:19 91	21:28 70S	03:01 272
2025 May 09 (Fri)	16:06 97	22:07 64S	03:32 266
2025 May 10 (Sat)	16:54 103	22:47 59S	04:04 260
2025 May 11 (Sun)	17:43 108	23:29 54S	04:37 255
2025 May 12 (Mon)	18:34 113		05:13 250
2025 May 13 (Tue)	19:27 117	00:14 49S	05:52 245
2025 May 14 (Wed)	20:22 119	01:02 46S	06:35 242
2025 May 15 (Thu)	21:16 120	01:53 44S	07:24 240
2025 May 16 (Fri)	22:09 120	02:46 43S	08:17 240
2025 May 17 (Sat)	22:59 117	03:40 44S	09:12 241
2025 May 18 (Sun)	23:45 114	04:33 46S	10:10 244
2025 May 19 (Mon)		05:25 50S	11:07 248
2025 May 20 (Tue)	00:28 109	06:14 55S	12:04 254
2025 May 21 (Wed)	01:08 103	07:02 61S	13:01 260
2025 May 22 (Thu)	01:46 96	07:49 68S	13:57 268
2025 May 23 (Fri)	02:24 89	08:37 75S	14:55 275
2025 May 24 (Sat)	03:04 81	09:27 82S	15:56 282
2025 May 25 (Sun)	03:46 74	10:21 89S	17:00 289
2025 May 26 (Mon)	04:34 68	11:19 87N	18:08 295
2025 May 27 (Tue)	05:29 63	12:21 83N	19:18 299
2025 May 28 (Wed)	06:29 60	13:27 81N	20:26 300
2025 May 29 (Thu)	07:34 60	14:32 81N	21:29 299
2025 May 30 (Fri)	08:40 62	15:33 83N	22:24 296
2025 May 31 (Sat)	09:43 66	16:29 87N	23:11 292
2025 Jun 01 (Sun)	10:41 71	17:19 89S	23:52 286
2025 Jun 02 (Mon)	11:36 76	18:04 84S	
2025 Jun 03 (Tue)	12:27 82	18:46 78S	00:28 281
2025 Jun 04 (Wed)	13:15 89	19:26 72S	01:02 274
2025 Jun 05 (Thu)	14:02 95	20:06 66S	01:33 268
2025 Jun 06 (Fri)	14:50 101	20:45 60S	02:05 262
2025 Jun 07 (Sat)	15:38 106	21:27 55S	02:37 256
2025 Jun 08 (Sun)	16:29 111	22:11 51S	03:12 251
2025 Jun 09 (Mon)	17:22 115	22:58 47S	03:50 247
2025 Jun 10 (Tue)	18:16 118	23:49 45S	04:33 243
2025 Jun 11 (Wed)	19:11 120		05:20 241
2025 Jun 12 (Thu)	20:05 120	00:42 43S	06:12 240
2025 Jun 13 (Fri)	20:56 118	01:36 44S	07:07 241
2025 Jun 14 (Sat)	21:44 115	02:30 46S	08:05 243
2025 Jun 15 (Sun)	22:27 110	03:22 49S	09:03 247
2025 Jun 16 (Mon)	23:07 105	04:12 54S	10:00 252
2025 Jun 17 (Tue)	23:45 98	04:59 60S	10:55 258
2025 Jun 18 (Wed)		05:46 66S	11:51 265

2025 Jun 19 (Thu)	00:22 91	06:32 73S	12:46 273
2025 Jun 20 (Fri)	01:00 84	07:19 80S	13:44 280
2025 Jun 21 (Sat)	01:40 77	08:10 87S	14:44 287
2025 Jun 22 (Sun)	02:24 70	09:04 89N	15:49 293
2025 Jun 23 (Mon)	03:14 65	10:03 84N	16:56 297
2025 Jun 24 (Tue)	04:11 61	11:06 81N	18:04 300
2025 Jun 25 (Wed)	05:13 60	12:12 80N	19:10 300
2025 Jun 26 (Thu)	06:19 61	13:15 82N	20:09 298
2025 Jun 27 (Fri)	07:24 64	14:15 85N	21:01 294
2025 Jun 28 (Sat)	08:26 68	15:08 90N	21:46 289
2025 Jun 29 (Sun)	09:24 74	15:57 86S	22:25 283
2025 Jun 30 (Mon)	10:18 80	16:41 80S	23:00 277
2025 Jul 01 (Tue)	11:08 86	17:22 74S	23:33 270
2025 Jul 02 (Wed)	11:56 93	18:02 68S	
2025 Jul 03 (Thu)	12:44 99	18:42 62S	00:04 264
2025 Jul 04 (Fri)	13:32 105	19:23 57S	00:37 258
2025 Jul 05 (Sat)	14:22 110	20:06 52S	01:11 253
2025 Jul 06 (Sun)	15:14 114	20:52 48S	01:47 248
2025 Jul 07 (Mon)	16:08 118	21:42 45S	02:28 244
2025 Jul 08 (Tue)	17:03 120	22:34 44S	03:14 241
2025 Jul 09 (Wed)	17:58 120	23:28 43S	04:04 240
2025 Jul 10 (Thu)	18:51 119		04:59 240
2025 Jul 11 (Fri)	19:40 116	00:23 45S	05:57 242
2025 Jul 12 (Sat)	20:26 112	01:17 48S	06:56 246
2025 Jul 13 (Sun)	21:07 106	02:08 52S	07:54 251
2025 Jul 14 (Mon)	21:46 100	02:57 58S	08:51 257
2025 Jul 15 (Tue)	22:23 93	03:44 64S	09:47 263
2025 Jul 16 (Wed)	23:00 86	04:30 71S	10:42 271
2025 Jul 17 (Thu)	23:39 79	05:17 78S	11:38 278
2025 Jul 18 (Fri)		06:05 85S	12:37 285
2025 Jul 19 (Sat)	00:21 72	06:57 91N	13:38 291
2025 Jul 20 (Sun)	01:07 67	07:53 86N	14:43 296
2025 Jul 21 (Mon)	01:59 63	08:53 82N	15:49 299
2025 Jul 22 (Tue)	02:58 60	09:56 80N	16:54 300
2025 Jul 23 (Wed)	04:02 60	10:59 81N	17:55 299
2025 Jul 24 (Thu)	05:07 62	12:00 83N	18:50 296
2025 Jul 25 (Fri)	06:10 66	12:56 88N	19:37 291
2025 Jul 26 (Sat)	07:10 71	13:47 89S	20:19 286
2025 Jul 27 (Sun)	08:06 77	14:33 83S	20:56 279
2025 Jul 28 (Mon)	08:58 84	15:16 77S	21:30 273
2025 Jul 29 (Tue)	09:48 90	15:57 70S	22:03 267
2025 Jul 30 (Wed)	10:36 97	16:38 64S	22:35 260
2025 Jul 31 (Thu)	11:25 103	17:18 59S	23:08 255
2025 Aug 01 (Fri)	12:14 108	18:01 54S	23:44 250
2025 Aug 02 (Sat)	13:05 113	18:46 49S	
2025 Aug 03 (Sun)	13:58 117	19:33 46S	00:23 245
2025 Aug 04 (Mon)	14:53 119	20:24 44S	01:06 242
2025 Aug 05 (Tue)	15:48 120	21:18 43S	01:55 240
2025 Aug 06 (Wed)	16:42 120	22:13 44S	02:48 240
2025 Aug 07 (Thu)	17:33 117	23:07 47S	03:45 241
2025 Aug 08 (Fri)	18:20 114		04:44 244
2025 Aug 09 (Sat)	19:04 108	00:00 50S	05:44 249
2025 Aug 10 (Sun)	19:44 102	00:51 56S	06:42 254
2025 Aug 11 (Mon)	20:23 95	01:40 62S	07:39 261
2025 Aug 12 (Tue)	21:01 88	02:27 69S	08:36 268
2025 Aug 13 (Wed)	21:39 81	03:14 76S	09:33 276
2025 Aug 14 (Thu)	22:20 74	04:03 83S	10:31 283
2025 Aug 15 (Fri)	23:05 68	04:54 89S	11:32 289
2025 Aug 16 (Sat)	23:55 63	05:48 87N	12:35 295
2025 Aug 17 (Sun)		06:46 83N	13:40 298
2025 Aug 18 (Mon)	00:50 61	07:47 81N	14:45 300
2025 Aug 19 (Tue)	01:51 60	08:49 80N	15:46 300
2025 Aug 20 (Wed)	02:54 61	09:49 82N	16:42 297
2025 Aug 21 (Thu)	03:57 64	10:46 86N	17:31 293
2025 Aug 22 (Fri)	04:58 69	11:38 90N	18:14 288
2025 Aug 23 (Sat)	05:54 75	12:26 85S	18:52 282
2025 Aug 24 (Sun)	06:48 81	13:10 79S	19:28 276
2025 Aug 25 (Mon)	07:39 88	13:52 73S	20:01 269
2025 Aug 26 (Tue)	08:28 94	14:33 67S	20:33 263
2025 Aug 27 (Wed)	09:17 100	15:13 61S	21:06 257
2025 Aug 28 (Thu)	10:06 106	15:55 56S	21:41 252
2025 Aug 29 (Fri)	10:57 111	16:39 51S	22:19 247

2025 Aug 30 (Sat)	11:49 115	17:25 47S	23:00 243
2025 Aug 31 (Sun)	12:42 118	18:15 45S	23:46 241
2025 Sep 01 (Mon)	13:37 120	19:07 43S	
2025 Sep 02 (Tue)	14:31 120	20:01 43S	00:37 240
2025 Sep 03 (Wed)	15:22 119	20:55 45S	01:31 240
2025 Sep 04 (Thu)	16:11 116	21:48 48S	02:29 242
2025 Sep 05 (Fri)	16:56 111	22:40 53S	03:28 246
2025 Sep 06 (Sat)	17:38 105	23:30 59S	04:27 252
2025 Sep 07 (Sun)	18:18 98		05:26 258
2025 Sep 08 (Mon)	18:57 91	00:19 66S	06:24 265
2025 Sep 09 (Tue)	19:36 84	01:07 73S	07:22 273
2025 Sep 10 (Wed)	20:17 76	01:56 80S	08:22 280
2025 Sep 11 (Thu)	21:02 70	02:48 87S	09:23 287
2025 Sep 12 (Fri)	21:51 65	03:42 88N	10:27 293
2025 Sep 13 (Sat)	22:46 61	04:40 84N	11:33 297
2025 Sep 14 (Sun)	23:45 60	05:41 81N	12:39 300
2025 Sep 15 (Mon)		06:43 80N	13:41 300
2025 Sep 16 (Tue)	00:48 60	07:44 81N	14:38 298
2025 Sep 17 (Wed)	01:50 63	08:41 84N	15:28 295
2025 Sep 18 (Thu)	02:50 67	09:33 89N	16:12 290
2025 Sep 19 (Fri)	03:47 73	10:22 87S	16:51 284
2025 Sep 20 (Sat)	04:41 79	11:06 82S	17:27 278
2025 Sep 21 (Sun)	05:32 85	11:48 75S	18:00 272
2025 Sep 22 (Mon)	06:21 91	12:29 69S	18:33 265
2025 Sep 23 (Tue)	07:10 98	13:10 63S	19:06 259
2025 Sep 24 (Wed)	07:59 104	13:51 58S	19:40 254
2025 Sep 25 (Thu)	08:49 109	14:34 53S	20:16 249
2025 Sep 26 (Fri)	09:41 114	15:19 49S	20:56 245
2025 Sep 27 (Sat)	10:34 117	16:07 45S	21:40 242
2025 Sep 28 (Sun)	11:27 119	16:58 44S	22:28 240
2025 Sep 29 (Mon)	12:21 120	17:50 43S	23:20 240
2025 Sep 30 (Tue)	13:12 120	18:43 44S	
2025 Oct 01 (Wed)	14:01 117	19:36 47S	00:16 241
2025 Oct 02 (Thu)	14:47 113	20:27 51S	01:13 244
2025 Oct 03 (Fri)	15:30 108	21:17 56S	02:11 249
2025 Oct 04 (Sat)	16:10 102	22:06 62S	03:09 255
2025 Oct 05 (Sun)	16:49 95	22:55 69S	04:06 261
2025 Oct 06 (Mon)	17:28 87	23:44 77S	05:05 269
2025 Oct 07 (Tue)	18:09 80		06:04 277
2025 Oct 08 (Wed)	18:53 73	00:35 84S	07:06 284
2025 Oct 09 (Thu)	19:42 67	01:30 90S	08:12 291
2025 Oct 10 (Fri)	20:37 62	02:29 86N	09:19 296
2025 Oct 11 (Sat)	21:37 60	03:31 82N	10:28 299
2025 Oct 12 (Sun)	22:40 60	04:35 80N	11:33 300
2025 Oct 13 (Mon)	23:44 62	05:37 81N	12:33 299
2025 Oct 14 (Tue)		06:37 83N	13:26 296
2025 Oct 15 (Wed)	00:45 66	07:31 87N	14:12 291
2025 Oct 16 (Thu)	01:43 71	08:20 89S	14:52 286
2025 Oct 17 (Fri)	02:37 77	09:05 83S	15:28 280
2025 Oct 18 (Sat)	03:28 83	09:47 77S	16:02 274
2025 Oct 19 (Sun)	04:17 89	10:28 71S	16:34 268
2025 Oct 20 (Mon)	05:06 96	11:08 65S	17:07 261
2025 Oct 21 (Tue)	05:54 102	11:49 60S	17:40 256
2025 Oct 22 (Wed)	06:44 107	12:31 54S	18:15 250
2025 Oct 23 (Thu)	07:35 112	13:16 50S	18:54 246
2025 Oct 24 (Fri)	08:27 116	14:03 47S	19:36 243
2025 Oct 25 (Sat)	09:20 119	14:52 44S	20:23 241
2025 Oct 26 (Sun)	10:14 120	15:44 43S	21:13 240
2025 Oct 27 (Mon)	11:06 120	16:36 44S	22:07 241
2025 Oct 28 (Tue)	11:55 118	17:28 46S	23:03 243
2025 Oct 29 (Wed)	12:40 115	18:18 49S	23:59 247
2025 Oct 30 (Thu)	13:23 110	19:07 54S	
2025 Oct 31 (Fri)	14:03 105	19:55 59S	00:55 252
2025 Nov 01 (Sat)	14:41 98	20:42 66S	01:50 258
2025 Nov 02 (Sun)	15:19 91	21:29 73S	02:47 265
2025 Nov 03 (Mon)	15:59 84	22:19 80S	03:44 273
2025 Nov 04 (Tue)	16:41 76	23:12 87S	04:44 280
2025 Nov 05 (Wed)	17:28 70		05:48 287
2025 Nov 06 (Thu)	18:21 64	00:09 88N	06:56 293
2025 Nov 07 (Fri)	19:20 61	01:12 84N	08:06 298
2025 Nov 08 (Sat)	20:25 60	02:17 81N	09:16 300
2025 Nov 09 (Sun)	21:31 61	03:24 81N	10:21 300

2025 Nov 10 (Mon)	22:36 65	04:27 82N	11:19 297
2025 Nov 11 (Tue)	23:37 69	05:24 86N	12:09 293
2025 Nov 12 (Wed)		06:16 91S	12:52 288
2025 Nov 13 (Thu)	00:33 75	07:03 85S	13:29 282
2025 Nov 14 (Fri)	01:25 81	07:47 79S	14:04 276
2025 Nov 15 (Sat)	02:15 88	08:28 73S	14:36 269
2025 Nov 16 (Sun)	03:03 94	09:08 67S	15:09 263
2025 Nov 17 (Mon)	03:51 100	09:48 61S	15:41 257
2025 Nov 18 (Tue)	04:40 106	10:30 56S	16:16 252
2025 Nov 19 (Wed)	05:30 111	11:13 51S	16:53 247
2025 Nov 20 (Thu)	06:22 115	12:00 48S	17:35 244
2025 Nov 21 (Fri)	07:15 118	12:48 45S	18:20 241
2025 Nov 22 (Sat)	08:09 120	13:39 44S	19:10 240
2025 Nov 23 (Sun)	09:01 120	14:31 44S	20:02 240
2025 Nov 24 (Mon)	09:51 119	15:23 45S	20:57 242
2025 Nov 25 (Tue)	10:37 116	16:14 48S	21:52 246
2025 Nov 26 (Wed)	11:20 112	17:02 52S	22:47 250
2025 Nov 27 (Thu)	12:00 107	17:49 57S	23:41 256
2025 Nov 28 (Fri)	12:37 101	18:34 63S	
2025 Nov 29 (Sat)	13:14 94	19:19 70S	00:35 262
2025 Nov 30 (Sun)	13:51 87	20:06 77S	01:29 269
2025 Dec 01 (Mon)	14:30 80	20:55 84S	02:26 277
2025 Dec 02 (Tue)	15:13 73	21:49 90S	03:26 284
2025 Dec 03 (Wed)	16:02 67	22:48 86N	04:30 290
2025 Dec 04 (Thu)	16:59 63	23:53 82N	05:39 296
2025 Dec 05 (Fri)	18:02 60		06:50 299
2025 Dec 06 (Sat)	19:09 61	01:00 81N	07:59 300
2025 Dec 07 (Sun)	20:18 63	02:07 81N	09:03 298
2025 Dec 08 (Mon)	21:23 67	03:10 84N	09:58 295
2025 Dec 09 (Tue)	22:23 73	04:06 89N	10:46 290
2025 Dec 10 (Wed)	23:18 79	04:57 87S	11:27 284
2025 Dec 11 (Thu)		05:43 81S	12:03 278
2025 Dec 12 (Fri)	00:10 86	06:26 75S	12:37 271
2025 Dec 13 (Sat)	00:59 92	07:06 69S	13:10 265
2025 Dec 14 (Sun)	01:48 98	07:47 63S	13:42 259
2025 Dec 15 (Mon)	02:36 104	08:28 58S	14:16 254
2025 Dec 16 (Tue)	03:26 109	09:11 53S	14:53 249
2025 Dec 17 (Wed)	04:17 114	09:56 49S	15:33 245
2025 Dec 18 (Thu)	05:10 117	10:44 46S	16:17 242
2025 Dec 19 (Fri)	06:04 119	11:35 44S	17:05 240
2025 Dec 20 (Sat)	06:57 120	12:27 44S	17:58 240
2025 Dec 21 (Sun)	07:48 119	13:19 45S	18:52 242
2025 Dec 22 (Mon)	08:36 117	14:11 47S	19:48 245
2025 Dec 23 (Tue)	09:20 113	15:00 51S	20:43 249
2025 Dec 24 (Wed)	10:00 108	15:47 56S	21:37 254
2025 Dec 25 (Thu)	10:37 102	16:32 62S	22:30 261
2025 Dec 26 (Fri)	11:13 96	17:16 68S	23:23 267
2025 Dec 27 (Sat)	11:49 89	18:01 74S	
2025 Dec 28 (Sun)	12:26 82	18:47 81S	00:17 274
2025 Dec 29 (Mon)	13:06 76	19:37 88S	01:13 281
2025 Dec 30 (Tue)	13:50 70	20:31 88N	02:13 288
2025 Dec 31 (Wed)	14:41 65	21:31 84N	03:17 293