

Sun

Lop Buri

Location: E100°36'10.7", N14°49'12.0", 0m
(Longitude referred to Greenwich meridian)

Time Zone: 7h 00m east of Greenwich

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

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

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

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

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

2025	Dec 15	(Mon)	05:45	06:35	114	12:13	53S	17:50	246	18:40
2025	Dec 16	(Tue)	05:45	06:35	114	12:13	53S	17:51	246	18:41
2025	Dec 17	(Wed)	05:46	06:36	114	12:14	53S	17:51	246	18:41
2025	Dec 18	(Thu)	05:46	06:37	114	12:14	52S	17:52	246	18:42
2025	Dec 19	(Fri)	05:47	06:37	114	12:15	52S	17:52	246	18:42
2025	Dec 20	(Sat)	05:48	06:38	114	12:15	52S	17:53	246	18:43
2025	Dec 21	(Sun)	05:48	06:38	114	12:16	52S	17:53	246	18:43
2025	Dec 22	(Mon)	05:49	06:39	114	12:16	52S	17:54	246	18:44
2025	Dec 23	(Tue)	05:49	06:39	114	12:17	52S	17:54	246	18:44
2025	Dec 24	(Wed)	05:50	06:40	114	12:17	52S	17:55	246	18:45
2025	Dec 25	(Thu)	05:50	06:40	114	12:18	52S	17:55	246	18:45
2025	Dec 26	(Fri)	05:50	06:40	114	12:18	53S	17:56	246	18:46
2025	Dec 27	(Sat)	05:51	06:41	114	12:19	53S	17:56	246	18:46
2025	Dec 28	(Sun)	05:51	06:41	114	12:19	53S	17:57	246	18:47
2025	Dec 29	(Mon)	05:52	06:42	114	12:20	53S	17:57	246	18:47
2025	Dec 30	(Tue)	05:52	06:42	114	12:20	53S	17:58	246	18:48
2025	Dec 31	(Wed)	05:53	06:43	114	12:21	53S	17:59	246	18:49

Sun

Lop Buri

Location: E100°36'10.7", N14°49'12.0", 0m
(Longitude referred to Greenwich meridian)

Time Zone: 7h 00m east of Greenwich

Date (Zone)			Begin Civil Twilight	Rise	Az.	Transit Alt.	Set	Az.	End Civil Twilight
			h m	h m	°	h m °	h m °	h m °	h m
2025	Jan 01	(Wed)	06:20	06:43	114	12:21 53S	17:59	246	18:22
2025	Jan 02	(Thu)	06:20	06:43	114	12:22 53S	18:00	247	18:23
2025	Jan 03	(Fri)	06:21	06:44	113	12:22 53S	18:00	247	18:24
2025	Jan 04	(Sat)	06:21	06:44	113	12:23 53S	18:01	247	18:24
2025	Jan 05	(Sun)	06:21	06:44	113	12:23 53S	18:02	247	18:25
2025	Jan 06	(Mon)	06:22	06:45	113	12:23 53S	18:02	247	18:25
2025	Jan 07	(Tue)	06:22	06:45	113	12:24 54S	18:03	247	18:26
2025	Jan 08	(Wed)	06:22	06:45	113	12:24 54S	18:03	247	18:26
2025	Jan 09	(Thu)	06:22	06:46	113	12:25 54S	18:04	247	18:27
2025	Jan 10	(Fri)	06:23	06:46	113	12:25 54S	18:05	248	18:28
2025	Jan 11	(Sat)	06:23	06:46	112	12:26 54S	18:05	248	18:28
2025	Jan 12	(Sun)	06:23	06:46	112	12:26 54S	18:06	248	18:29
2025	Jan 13	(Mon)	06:23	06:46	112	12:26 54S	18:06	248	18:29
2025	Jan 14	(Tue)	06:24	06:47	112	12:27 55S	18:07	248	18:30
2025	Jan 15	(Wed)	06:24	06:47	112	12:27 55S	18:07	248	18:30
2025	Jan 16	(Thu)	06:24	06:47	111	12:27 55S	18:08	249	18:31
2025	Jan 17	(Fri)	06:24	06:47	111	12:28 55S	18:09	249	18:31
2025	Jan 18	(Sat)	06:24	06:47	111	12:28 55S	18:09	249	18:32
2025	Jan 19	(Sun)	06:24	06:47	111	12:28 56S	18:10	249	18:32
2025	Jan 20	(Mon)	06:24	06:47	111	12:29 56S	18:10	250	18:33
2025	Jan 21	(Tue)	06:24	06:47	110	12:29 56S	18:11	250	18:33
2025	Jan 22	(Wed)	06:24	06:47	110	12:29 56S	18:11	250	18:34
2025	Jan 23	(Thu)	06:24	06:47	110	12:29 57S	18:12	250	18:34
2025	Jan 24	(Fri)	06:24	06:47	110	12:30 57S	18:12	250	18:35
2025	Jan 25	(Sat)	06:24	06:47	109	12:30 57S	18:13	251	18:35
2025	Jan 26	(Sun)	06:24	06:47	109	12:30 57S	18:13	251	18:36
2025	Jan 27	(Mon)	06:24	06:47	109	12:30 57S	18:14	251	18:36
2025	Jan 28	(Tue)	06:24	06:47	109	12:31 58S	18:14	252	18:37
2025	Jan 29	(Wed)	06:24	06:47	108	12:31 58S	18:15	252	18:37
2025	Jan 30	(Thu)	06:24	06:47	108	12:31 58S	18:15	252	18:38
2025	Jan 31	(Fri)	06:24	06:46	108	12:31 59S	18:16	252	18:38
2025	Feb 01	(Sat)	06:24	06:46	107	12:31 59S	18:16	253	18:39
2025	Feb 02	(Sun)	06:24	06:46	107	12:31 59S	18:17	253	18:39
2025	Feb 03	(Mon)	06:23	06:46	107	12:31 59S	18:17	253	18:39
2025	Feb 04	(Tue)	06:23	06:46	107	12:31 60S	18:18	254	18:40
2025	Feb 05	(Wed)	06:23	06:45	106	12:32 60S	18:18	254	18:40
2025	Feb 06	(Thu)	06:23	06:45	106	12:32 60S	18:18	254	18:41
2025	Feb 07	(Fri)	06:23	06:45	106	12:32 61S	18:19	255	18:41
2025	Feb 08	(Sat)	06:22	06:44	105	12:32 61S	18:19	255	18:41
2025	Feb 09	(Sun)	06:22	06:44	105	12:32 61S	18:20	255	18:42
2025	Feb 10	(Mon)	06:22	06:44	105	12:32 62S	18:20	256	18:42
2025	Feb 11	(Tue)	06:21	06:43	104	12:32 62S	18:20	256	18:42

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

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

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

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

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

Moon

Lop Buri

Location: E100°36'10.7", N14°49'12.0", 0m
(Longitude referred to Greenwich meridian)

Time Zone: 7h 00m east of Greenwich

Date (Zone)	Rise Az.			Transit Alt.			Set Az.		
	h	m	°	h	m	°	h	m	°
2025	Jan	01	(Wed)	07:53	117		13:36	50S	19:20 245
2025	Jan	02	(Thu)	08:43	113		14:30	54S	20:20 250
2025	Jan	03	(Fri)	09:29	108		15:22	60S	21:18 255
2025	Jan	04	(Sat)	10:11	101		16:11	66S	22:13 262
2025	Jan	05	(Sun)	10:52	94		16:58	73S	23:08 269
2025	Jan	06	(Mon)	11:31	87		17:45	80S	
2025	Jan	07	(Tue)	12:11	80		18:33	87S	00:03 276
2025	Jan	08	(Wed)	12:54	74		19:24	88N	00:59 283
2025	Jan	09	(Thu)	13:41	68		20:18	83N	01:58 289
2025	Jan	10	(Fri)	14:33	64		21:17	79N	03:00 294
2025	Jan	11	(Sat)	15:29	61		22:18	77N	04:03 298
2025	Jan	12	(Sun)	16:30	61		23:19	77N	05:07 299
2025	Jan	13	(Mon)	17:32	62				06:07 299
2025	Jan	14	(Tue)	18:33	65		00:18	79N	07:02 297
2025	Jan	15	(Wed)	19:30	70		01:13	82N	07:51 293
2025	Jan	16	(Thu)	20:23	75		02:04	87N	08:34 288
2025	Jan	17	(Fri)	21:12	81		02:50	89S	09:13 282
2025	Jan	18	(Sat)	21:59	87		03:32	83S	09:48 276
2025	Jan	19	(Sun)	22:45	93		04:12	77S	10:22 270
2025	Jan	20	(Mon)	23:31	99		04:51	71S	10:54 264
2025	Jan	21	(Tue)				05:31	65S	11:28 258
2025	Jan	22	(Wed)	00:18	105		06:12	60S	12:04 253
2025	Jan	23	(Thu)	01:06	110		06:55	55S	12:42 248
2025	Jan	24	(Fri)	01:57	114		07:42	51S	13:25 244
2025	Jan	25	(Sat)	02:52	117		08:33	48S	14:13 242

2025	Jan	26	(Sun)	03:48	119	09:28	47S	15:07	240
2025	Jan	27	(Mon)	04:45	120	10:25	47S	16:05	241
2025	Jan	28	(Tue)	05:41	118	11:23	49S	17:06	243
2025	Jan	29	(Wed)	06:34	115	12:19	52S	18:07	247
2025	Jan	30	(Thu)	07:22	110	13:13	58S	19:07	253
2025	Jan	31	(Fri)	08:07	104	14:04	64S	20:05	260
2025	Feb	01	(Sat)	08:49	97	14:54	71S	21:02	267
2025	Feb	02	(Sun)	09:30	89	15:42	78S	21:58	274
2025	Feb	03	(Mon)	10:11	82	16:31	85S	22:55	281
2025	Feb	04	(Tue)	10:53	75	17:21	90N	23:53	288
2025	Feb	05	(Wed)	11:39	69	18:14	84N		
2025	Feb	06	(Thu)	12:28	65	19:11	80N	00:53	293
2025	Feb	07	(Fri)	13:23	62	20:10	77N	01:56	297
2025	Feb	08	(Sat)	14:21	60	21:10	77N	02:58	299
2025	Feb	09	(Sun)	15:21	61	22:09	78N	03:58	299
2025	Feb	10	(Mon)	16:21	64	23:04	81N	04:54	298
2025	Feb	11	(Tue)	17:19	68	23:56	85N	05:44	294
2025	Feb	12	(Wed)	18:13	73			06:29	290
2025	Feb	13	(Thu)	19:04	78	00:43	90N	07:09	284
2025	Feb	14	(Fri)	19:52	85	01:26	86S	07:45	279
2025	Feb	15	(Sat)	20:38	91	02:07	80S	08:20	272
2025	Feb	16	(Sun)	21:24	97	02:47	73S	08:53	266
2025	Feb	17	(Mon)	22:11	103	03:27	68S	09:26	260
2025	Feb	18	(Tue)	22:58	108	04:07	62S	10:01	255
2025	Feb	19	(Wed)	23:48	113	04:49	57S	10:38	250
2025	Feb	20	(Thu)			05:34	53S	11:18	246
2025	Feb	21	(Fri)	00:40	116	06:23	49S	12:03	242
2025	Feb	22	(Sat)	01:35	119	07:15	47S	12:54	241
2025	Feb	23	(Sun)	02:31	120	08:10	47S	13:49	240
2025	Feb	24	(Mon)	03:27	119	09:06	48S	14:48	242
2025	Feb	25	(Tue)	04:20	117	10:03	50S	15:48	245
2025	Feb	26	(Wed)	05:11	112	10:58	55S	16:49	250
2025	Feb	27	(Thu)	05:57	107	11:52	61S	17:49	256
2025	Feb	28	(Fri)	06:42	100	12:43	67S	18:48	263
2025	Mar	01	(Sat)	07:24	93	13:33	75S	19:46	271
2025	Mar	02	(Sun)	08:06	85	14:23	82S	20:44	279
2025	Mar	03	(Mon)	08:49	78	15:14	89S	21:44	286
2025	Mar	04	(Tue)	09:35	71	16:08	86N	22:45	292
2025	Mar	05	(Wed)	10:24	66	17:05	81N	23:49	296
2025	Mar	06	(Thu)	11:18	62	18:04	78N		
2025	Mar	07	(Fri)	12:16	60	19:04	77N	00:52	299
2025	Mar	08	(Sat)	13:15	61	20:04	77N	01:53	300
2025	Mar	09	(Sun)	14:15	63	21:00	80N	02:50	299
2025	Mar	10	(Mon)	15:13	66	21:52	83N	03:42	296
2025	Mar	11	(Tue)	16:07	71	22:39	88N	04:27	292
2025	Mar	12	(Wed)	16:58	76	23:23	88S	05:08	286
2025	Mar	13	(Thu)	17:47	82			05:45	281
2025	Mar	14	(Fri)	18:33	88	00:05	82S	06:19	275
2025	Mar	15	(Sat)	19:19	95	00:45	76S	06:53	269
2025	Mar	16	(Sun)	20:05	101	01:24	70S	07:26	262
2025	Mar	17	(Mon)	20:52	106	02:04	64S	08:00	257
2025	Mar	18	(Tue)	21:41	111	02:45	59S	08:36	252
2025	Mar	19	(Wed)	22:32	115	03:29	54S	09:15	247
2025	Mar	20	(Thu)	23:26	118	04:16	50S	09:58	243
2025	Mar	21	(Fri)			05:06	48S	10:45	241
2025	Mar	22	(Sat)	00:20	120	05:59	47S	11:37	240
2025	Mar	23	(Sun)	01:15	120	06:54	47S	12:33	241
2025	Mar	24	(Mon)	02:08	118	07:49	49S	13:32	243
2025	Mar	25	(Tue)	02:58	115	08:43	52S	14:31	247
2025	Mar	26	(Wed)	03:46	110	09:36	57S	15:30	253
2025	Mar	27	(Thu)	04:31	104	10:28	64S	16:29	260
2025	Mar	28	(Fri)	05:13	97	11:18	71S	17:27	267
2025	Mar	29	(Sat)	05:56	89	12:09	78S	18:26	275
2025	Mar	30	(Sun)	06:39	81	13:00	86S	19:26	282
2025	Mar	31	(Mon)	07:25	74	13:55	89N	20:29	289
2025	Apr	01	(Tue)	08:14	68	14:53	83N	21:35	295
2025	Apr	02	(Wed)	09:08	64	15:53	79N	22:41	298
2025	Apr	03	(Thu)	10:07	61	16:56	77N	23:45	300
2025	Apr	04	(Fri)	11:08	60	17:57	77N		
2025	Apr	05	(Sat)	12:09	62	18:55	79N	00:45	299
2025	Apr	06	(Sun)	13:08	65	19:49	82N	01:39	297
2025	Apr	07	(Mon)	14:03	69	20:38	87N	02:26	293

2025 Apr 08 (Tue)	14:55 75	21:22 89S	03:08 288
2025 Apr 09 (Wed)	15:44 80	22:04 84S	03:46 283
2025 Apr 10 (Thu)	16:31 86	22:44 78S	04:21 277
2025 Apr 11 (Fri)	17:16 92	23:23 72S	04:54 271
2025 Apr 12 (Sat)	18:02 99		05:27 265
2025 Apr 13 (Sun)	18:49 104	00:03 66S	06:00 259
2025 Apr 14 (Mon)	19:37 109	00:44 61S	06:36 253
2025 Apr 15 (Tue)	20:27 114	01:27 56S	07:14 249
2025 Apr 16 (Wed)	21:20 117	02:12 52S	07:55 245
2025 Apr 17 (Thu)	22:14 119	03:01 49S	08:41 242
2025 Apr 18 (Fri)	23:08 120	03:53 47S	09:31 240
2025 Apr 19 (Sat)		04:46 47S	10:25 241
2025 Apr 20 (Sun)	00:00 119	05:40 48S	11:21 242
2025 Apr 21 (Mon)	00:51 116	06:34 51S	12:19 246
2025 Apr 22 (Tue)	01:38 112	07:25 55S	13:16 250
2025 Apr 23 (Wed)	02:22 107	08:16 61S	14:13 256
2025 Apr 24 (Thu)	03:04 100	09:05 67S	15:09 263
2025 Apr 25 (Fri)	03:45 93	09:54 75S	16:06 271
2025 Apr 26 (Sat)	04:27 85	10:44 82S	17:05 278
2025 Apr 27 (Sun)	05:11 78	11:37 89S	18:07 286
2025 Apr 28 (Mon)	05:59 71	12:34 86N	19:12 292
2025 Apr 29 (Tue)	06:52 66	13:35 81N	20:20 297
2025 Apr 30 (Wed)	07:51 62	14:39 78N	21:28 299
2025 May 01 (Thu)	08:53 60	15:43 77N	22:33 299
2025 May 02 (Fri)	09:57 61	16:45 78N	23:31 298
2025 May 03 (Sat)	10:59 64	17:42 81N	
2025 May 04 (Sun)	11:57 68	18:34 85N	00:22 294
2025 May 05 (Mon)	12:51 73	19:21 90N	01:07 290
2025 May 06 (Tue)	13:41 79	20:03 85S	01:46 284
2025 May 07 (Wed)	14:29 85	20:44 80S	02:22 278
2025 May 08 (Thu)	15:14 91	21:23 74S	02:56 272
2025 May 09 (Fri)	16:00 97	22:02 68S	03:29 266
2025 May 10 (Sat)	16:46 102	22:43 62S	04:02 261
2025 May 11 (Sun)	17:34 108	23:25 57S	04:36 255
2025 May 12 (Mon)	18:23 112		05:13 250
2025 May 13 (Tue)	19:15 116	00:10 53S	05:54 246
2025 May 14 (Wed)	20:09 119	00:58 50S	06:39 243
2025 May 15 (Thu)	21:03 120	01:49 47S	07:28 241
2025 May 16 (Fri)	21:56 119	02:42 47S	08:21 240
2025 May 17 (Sat)	22:47 117	03:36 48S	09:16 242
2025 May 18 (Sun)	23:34 113	04:29 50S	10:13 245
2025 May 19 (Mon)		05:20 54S	11:09 249
2025 May 20 (Tue)	00:18 109	06:10 59S	12:04 254
2025 May 21 (Wed)	01:00 103	06:57 65S	12:59 261
2025 May 22 (Thu)	01:40 96	07:45 72S	13:53 268
2025 May 23 (Fri)	02:20 89	08:32 79S	14:49 275
2025 May 24 (Sat)	03:01 81	09:22 86S	15:48 282
2025 May 25 (Sun)	03:46 75	10:16 89N	16:50 289
2025 May 26 (Mon)	04:36 68	11:14 83N	17:56 294
2025 May 27 (Tue)	05:31 64	12:17 79N	19:05 298
2025 May 28 (Wed)	06:33 61	13:22 77N	20:12 299
2025 May 29 (Thu)	07:38 61	14:27 77N	21:16 299
2025 May 30 (Fri)	08:43 62	15:29 80N	22:12 296
2025 May 31 (Sat)	09:45 66	16:24 83N	23:01 291
2025 Jun 01 (Sun)	10:42 71	17:14 88N	23:43 286
2025 Jun 02 (Mon)	11:35 77	18:00 87S	
2025 Jun 03 (Tue)	12:24 83	18:42 81S	00:21 280
2025 Jun 04 (Wed)	13:11 89	19:22 75S	00:56 274
2025 Jun 05 (Thu)	13:57 95	20:01 70S	01:29 268
2025 Jun 06 (Fri)	14:42 101	20:41 64S	02:02 262
2025 Jun 07 (Sat)	15:30 106	21:22 59S	02:36 257
2025 Jun 08 (Sun)	16:19 111	22:06 54S	03:13 252
2025 Jun 09 (Mon)	17:10 115	22:54 51S	03:52 247
2025 Jun 10 (Tue)	18:03 118	23:44 48S	04:36 244
2025 Jun 11 (Wed)	18:58 119		05:24 241
2025 Jun 12 (Thu)	19:52 119	00:37 47S	06:16 240
2025 Jun 13 (Fri)	20:44 118	01:31 47S	07:11 241
2025 Jun 14 (Sat)	21:32 114	02:25 49S	08:08 244
2025 Jun 15 (Sun)	22:17 110	03:17 53S	09:04 248
2025 Jun 16 (Mon)	22:59 104	04:07 57S	10:00 253
2025 Jun 17 (Tue)	23:39 98	04:55 63S	10:54 259
2025 Jun 18 (Wed)		05:41 70S	11:47 265

2025 Jun 19 (Thu)	00:17 91	06:27 76S	12:41 272
2025 Jun 20 (Fri)	00:57 84	07:15 83S	13:37 280
2025 Jun 21 (Sat)	01:39 77	08:05 90S	14:35 286
2025 Jun 22 (Sun)	02:25 71	08:59 85N	15:38 292
2025 Jun 23 (Mon)	03:16 66	09:58 81N	16:44 297
2025 Jun 24 (Tue)	04:14 62	11:02 78N	17:51 299
2025 Jun 25 (Wed)	05:17 61	12:07 77N	18:57 299
2025 Jun 26 (Thu)	06:23 61	13:11 78N	19:57 297
2025 Jun 27 (Fri)	07:27 64	14:10 82N	20:50 293
2025 Jun 28 (Sat)	08:28 69	15:04 86N	21:36 288
2025 Jun 29 (Sun)	09:24 74	15:52 90S	22:17 283
2025 Jun 30 (Mon)	10:16 80	16:36 84S	22:53 277
2025 Jul 01 (Tue)	11:04 86	17:18 78S	23:28 270
2025 Jul 02 (Wed)	11:51 93	17:58 72S	
2025 Jul 03 (Thu)	12:37 99	18:38 66S	00:01 264
2025 Jul 04 (Fri)	13:24 104	19:19 60S	00:35 259
2025 Jul 05 (Sat)	14:12 109	20:02 56S	01:11 253
2025 Jul 06 (Sun)	15:03 114	20:48 52S	01:49 248
2025 Jul 07 (Mon)	15:56 117	21:37 49S	02:31 245
2025 Jul 08 (Tue)	16:50 119	22:29 47S	03:17 242
2025 Jul 09 (Wed)	17:45 120	23:24 47S	04:08 241
2025 Jul 10 (Thu)	18:38 118		05:03 241
2025 Jul 11 (Fri)	19:28 116	00:19 48S	06:01 243
2025 Jul 12 (Sat)	20:15 111	01:12 51S	06:58 246
2025 Jul 13 (Sun)	20:58 106	02:04 56S	07:55 251
2025 Jul 14 (Mon)	21:39 100	02:53 61S	08:50 257
2025 Jul 15 (Tue)	22:18 93	03:40 68S	09:44 264
2025 Jul 16 (Wed)	22:57 86	04:26 74S	10:37 271
2025 Jul 17 (Thu)	23:37 79	05:12 81S	11:32 278
2025 Jul 18 (Fri)		06:01 88S	12:28 284
2025 Jul 19 (Sat)	00:21 73	06:52 87N	13:28 290
2025 Jul 20 (Sun)	01:09 67	07:48 82N	14:31 295
2025 Jul 21 (Mon)	02:03 63	08:48 79N	15:36 298
2025 Jul 22 (Tue)	03:02 61	09:51 77N	16:41 300
2025 Jul 23 (Wed)	04:05 61	10:55 77N	17:42 298
2025 Jul 24 (Thu)	05:10 63	11:55 80N	18:38 295
2025 Jul 25 (Fri)	06:12 67	12:51 84N	19:27 291
2025 Jul 26 (Sat)	07:10 72	13:42 89N	20:10 285
2025 Jul 27 (Sun)	08:04 78	14:28 86S	20:49 279
2025 Jul 28 (Mon)	08:55 84	15:12 80S	21:25 273
2025 Jul 29 (Tue)	09:43 90	15:53 74S	21:59 267
2025 Jul 30 (Wed)	10:30 96	16:33 68S	22:33 261
2025 Jul 31 (Thu)	11:17 102	17:14 62S	23:08 255
2025 Aug 01 (Fri)	12:05 108	17:56 57S	23:45 250
2025 Aug 02 (Sat)	12:55 112	18:41 53S	
2025 Aug 03 (Sun)	13:46 116	19:29 50S	00:25 246
2025 Aug 04 (Mon)	14:40 119	20:20 47S	01:10 243
2025 Aug 05 (Tue)	15:35 120	21:13 47S	01:59 241
2025 Aug 06 (Wed)	16:29 119	22:08 48S	02:52 240
2025 Aug 07 (Thu)	17:21 117	23:03 50S	03:49 242
2025 Aug 08 (Fri)	18:09 113	23:56 54S	04:47 245
2025 Aug 09 (Sat)	18:54 108		05:45 249
2025 Aug 10 (Sun)	19:37 102	00:46 59S	06:42 255
2025 Aug 11 (Mon)	20:17 95	01:35 65S	07:37 261
2025 Aug 12 (Tue)	20:56 88	02:23 72S	08:32 268
2025 Aug 13 (Wed)	21:37 81	03:10 79S	09:27 276
2025 Aug 14 (Thu)	22:20 74	03:58 86S	10:23 283
2025 Aug 15 (Fri)	23:06 68	04:49 89N	11:22 289
2025 Aug 16 (Sat)	23:57 64	05:43 83N	12:24 294
2025 Aug 17 (Sun)		06:41 79N	13:28 298
2025 Aug 18 (Mon)	00:54 61	07:42 77N	14:32 300
2025 Aug 19 (Tue)	01:55 60	08:44 77N	15:33 299
2025 Aug 20 (Wed)	02:58 62	09:45 79N	16:29 297
2025 Aug 21 (Thu)	04:00 65	10:42 82N	17:20 293
2025 Aug 22 (Fri)	04:59 69	11:34 87N	18:05 288
2025 Aug 23 (Sat)	05:54 75	12:21 89S	18:45 282
2025 Aug 24 (Sun)	06:46 81	13:05 83S	19:22 276
2025 Aug 25 (Mon)	07:35 88	13:47 77S	19:56 269
2025 Aug 26 (Tue)	08:22 94	14:28 70S	20:31 263
2025 Aug 27 (Wed)	09:10 100	15:09 64S	21:05 257
2025 Aug 28 (Thu)	09:57 106	15:51 59S	21:41 252
2025 Aug 29 (Fri)	10:46 111	16:34 54S	22:20 247

2025 Aug 30 (Sat)	11:37 115	17:21 51S	23:03 244
2025 Aug 31 (Sun)	12:30 118	18:10 48S	23:50 241
2025 Sep 01 (Mon)	13:24 119	19:02 47S	
2025 Sep 02 (Tue)	14:17 120	19:56 47S	00:41 240
2025 Sep 03 (Wed)	15:10 118	20:50 49S	01:35 241
2025 Sep 04 (Thu)	15:59 115	21:44 52S	02:32 243
2025 Sep 05 (Fri)	16:46 111	22:35 57S	03:30 247
2025 Sep 06 (Sat)	17:30 105	23:25 63S	04:28 252
2025 Sep 07 (Sun)	18:11 98		05:24 258
2025 Sep 08 (Mon)	18:52 91	00:14 69S	06:21 265
2025 Sep 09 (Tue)	19:33 84	01:02 76S	07:17 273
2025 Sep 10 (Wed)	20:16 77	01:52 84S	08:14 280
2025 Sep 11 (Thu)	21:02 70	02:43 91S	09:14 287
2025 Sep 12 (Fri)	21:53 65	03:37 85N	10:16 293
2025 Sep 13 (Sat)	22:49 62	04:36 80N	11:21 297
2025 Sep 14 (Sun)	23:49 60	05:36 77N	12:25 299
2025 Sep 15 (Mon)		06:39 77N	13:28 300
2025 Sep 16 (Tue)	00:51 61	07:39 78N	14:25 298
2025 Sep 17 (Wed)	01:53 64	08:36 81N	15:17 294
2025 Sep 18 (Thu)	02:52 68	09:29 85N	16:02 290
2025 Sep 19 (Fri)	03:47 73	10:17 90N	16:43 284
2025 Sep 20 (Sat)	04:39 79	11:02 85S	17:20 278
2025 Sep 21 (Sun)	05:29 85	11:44 79S	17:55 272
2025 Sep 22 (Mon)	06:16 91	12:25 73S	18:30 265
2025 Sep 23 (Tue)	07:03 98	13:05 67S	19:04 259
2025 Sep 24 (Wed)	07:51 103	13:47 61S	19:39 254
2025 Sep 25 (Thu)	08:39 109	14:30 56S	20:17 249
2025 Sep 26 (Fri)	09:30 113	15:15 52S	20:58 245
2025 Sep 27 (Sat)	10:21 117	16:03 49S	21:43 242
2025 Sep 28 (Sun)	11:14 119	16:53 47S	22:32 241
2025 Sep 29 (Mon)	12:07 120	17:46 47S	23:24 240
2025 Sep 30 (Tue)	12:59 119	18:39 48S	
2025 Oct 01 (Wed)	13:49 117	19:31 50S	00:19 242
2025 Oct 02 (Thu)	14:36 113	20:23 54S	01:16 245
2025 Oct 03 (Fri)	15:20 108	21:13 60S	02:12 249
2025 Oct 04 (Sat)	16:02 102	22:01 66S	03:08 255
2025 Oct 05 (Sun)	16:43 95	22:50 73S	04:04 262
2025 Oct 06 (Mon)	17:25 87	23:39 80S	05:00 269
2025 Oct 07 (Tue)	18:07 80		05:58 276
2025 Oct 08 (Wed)	18:53 73	00:31 87S	06:58 284
2025 Oct 09 (Thu)	19:44 67	01:25 87N	08:01 290
2025 Oct 10 (Fri)	20:40 63	02:24 82N	09:07 295
2025 Oct 11 (Sat)	21:41 61	03:26 78N	10:14 299
2025 Oct 12 (Sun)	22:44 61	04:30 77N	11:20 300
2025 Oct 13 (Mon)	23:47 63	05:33 77N	12:20 298
2025 Oct 14 (Tue)		06:32 80N	13:14 295
2025 Oct 15 (Wed)	00:47 66	07:26 84N	14:02 291
2025 Oct 16 (Thu)	01:43 71	08:15 89N	14:43 286
2025 Oct 17 (Fri)	02:36 77	09:00 87S	15:21 280
2025 Oct 18 (Sat)	03:25 83	09:43 81S	15:56 274
2025 Oct 19 (Sun)	04:13 89	10:23 75S	16:30 268
2025 Oct 20 (Mon)	05:00 96	11:03 69S	17:04 262
2025 Oct 21 (Tue)	05:47 101	11:44 63S	17:39 256
2025 Oct 22 (Wed)	06:35 107	12:27 58S	18:16 251
2025 Oct 23 (Thu)	07:24 112	13:11 54S	18:56 246
2025 Oct 24 (Fri)	08:15 115	13:58 50S	19:39 243
2025 Oct 25 (Sat)	09:08 118	14:48 48S	20:27 241
2025 Oct 26 (Sun)	10:01 119	15:39 47S	21:17 240
2025 Oct 27 (Mon)	10:52 119	16:31 47S	22:11 241
2025 Oct 28 (Tue)	11:42 118	17:23 49S	23:05 244
2025 Oct 29 (Wed)	12:29 114	18:14 53S	
2025 Oct 30 (Thu)	13:13 110	19:02 57S	00:00 247
2025 Oct 31 (Fri)	13:54 105	19:50 63S	00:55 252
2025 Nov 01 (Sat)	14:35 98	20:37 69S	01:49 258
2025 Nov 02 (Sun)	15:14 91	21:25 76S	02:43 265
2025 Nov 03 (Mon)	15:56 84	22:14 84S	03:39 273
2025 Nov 04 (Tue)	16:40 77	23:07 91S	04:37 280
2025 Nov 05 (Wed)	17:29 70		05:39 287
2025 Nov 06 (Thu)	18:23 65	00:05 85N	06:45 293
2025 Nov 07 (Fri)	19:24 62	01:07 80N	07:54 297
2025 Nov 08 (Sat)	20:29 61	02:13 77N	09:03 299
2025 Nov 09 (Sun)	21:35 62	03:19 77N	10:08 299

2025 Nov 10 (Mon)	22:38 65	04:22 79N	11:07 297
2025 Nov 11 (Tue)	23:38 70	05:20 82N	11:58 293
2025 Nov 12 (Wed)		06:12 87N	12:42 287
2025 Nov 13 (Thu)	00:32 75	06:59 89S	13:22 282
2025 Nov 14 (Fri)	01:23 81	07:42 83S	13:58 276
2025 Nov 15 (Sat)	02:11 88	08:23 77S	14:32 269
2025 Nov 16 (Sun)	02:58 94	09:03 71S	15:06 263
2025 Nov 17 (Mon)	03:44 100	09:44 65S	15:40 258
2025 Nov 18 (Tue)	04:31 105	10:25 60S	16:16 252
2025 Nov 19 (Wed)	05:20 110	11:09 55S	16:55 248
2025 Nov 20 (Thu)	06:11 114	11:55 51S	17:37 244
2025 Nov 21 (Fri)	07:03 117	12:44 48S	18:24 242
2025 Nov 22 (Sat)	07:56 119	13:35 47S	19:13 241
2025 Nov 23 (Sun)	08:48 119	14:27 47S	20:06 241
2025 Nov 24 (Mon)	09:38 118	15:19 49S	21:00 243
2025 Nov 25 (Tue)	10:26 115	16:09 52S	21:54 246
2025 Nov 26 (Wed)	11:10 112	16:57 56S	22:48 251
2025 Nov 27 (Thu)	11:51 106	17:44 61S	23:40 256
2025 Nov 28 (Fri)	12:30 101	18:29 67S	
2025 Nov 29 (Sat)	13:08 94	19:15 73S	00:32 263
2025 Nov 30 (Sun)	13:47 87	20:01 80S	01:25 269
2025 Dec 01 (Mon)	14:28 80	20:51 87S	02:20 276
2025 Dec 02 (Tue)	15:13 73	21:45 88N	03:18 283
2025 Dec 03 (Wed)	16:04 68	22:44 82N	04:20 290
2025 Dec 04 (Thu)	17:02 63	23:48 79N	05:27 295
2025 Dec 05 (Fri)	18:06 61		06:37 298
2025 Dec 06 (Sat)	19:13 61	00:56 77N	07:46 299
2025 Dec 07 (Sun)	20:21 64	02:03 78N	08:50 298
2025 Dec 08 (Mon)	21:24 68	03:05 81N	09:47 294
2025 Dec 09 (Tue)	22:23 73	04:02 85N	10:36 289
2025 Dec 10 (Wed)	23:16 79	04:52 91S	11:19 284
2025 Dec 11 (Thu)		05:38 85S	11:57 278
2025 Dec 12 (Fri)	00:06 86	06:21 78S	12:32 271
2025 Dec 13 (Sat)	00:54 92	07:02 72S	13:06 265
2025 Dec 14 (Sun)	01:41 98	07:42 66S	13:41 259
2025 Dec 15 (Mon)	02:28 104	08:23 61S	14:16 254
2025 Dec 16 (Tue)	03:16 109	09:06 56S	14:54 249
2025 Dec 17 (Wed)	04:06 113	09:52 52S	15:35 245
2025 Dec 18 (Thu)	04:58 116	10:40 49S	16:20 242
2025 Dec 19 (Fri)	05:51 119	11:30 47S	17:09 241
2025 Dec 20 (Sat)	06:44 119	12:23 47S	18:02 241
2025 Dec 21 (Sun)	07:35 119	13:15 48S	18:56 242
2025 Dec 22 (Mon)	08:24 116	14:06 51S	19:50 245
2025 Dec 23 (Tue)	09:09 113	14:55 54S	20:44 249
2025 Dec 24 (Wed)	09:50 108	15:42 59S	21:36 255
2025 Dec 25 (Thu)	10:30 102	16:27 65S	22:28 261
2025 Dec 26 (Fri)	11:07 96	17:11 71S	23:19 267
2025 Dec 27 (Sat)	11:45 89	17:56 78S	
2025 Dec 28 (Sun)	12:23 83	18:42 85S	00:11 274
2025 Dec 29 (Mon)	13:05 76	19:32 90N	01:05 281
2025 Dec 30 (Tue)	13:51 70	20:27 85N	02:03 287
2025 Dec 31 (Wed)	14:43 65	21:26 80N	03:06 293