

Sun

Uttaradit

Location: E100°06'25.1", N17°18'03.5", 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)	05:59	06:50	114	12:23	50S	17:57	246	18:47
2025	Jan	02 (Thu)	05:59	06:50	114	12:24	51S	17:57	246	18:48
2025	Jan	03 (Fri)	06:00	06:50	114	12:24	51S	17:58	246	18:48
2025	Jan	04 (Sat)	06:00	06:51	114	12:25	51S	17:59	246	18:49
2025	Jan	05 (Sun)	06:00	06:51	113	12:25	51S	17:59	247	18:50
2025	Jan	06 (Mon)	06:01	06:51	113	12:25	51S	18:00	247	18:50
2025	Jan	07 (Tue)	06:01	06:51	113	12:26	51S	18:00	247	18:51
2025	Jan	08 (Wed)	06:01	06:52	113	12:26	51S	18:01	247	18:51
2025	Jan	09 (Thu)	06:02	06:52	113	12:27	51S	18:02	247	18:52
2025	Jan	10 (Fri)	06:02	06:52	113	12:27	51S	18:02	247	18:52
2025	Jan	11 (Sat)	06:02	06:52	113	12:27	52S	18:03	247	18:53
2025	Jan	12 (Sun)	06:02	06:52	112	12:28	52S	18:03	248	18:53
2025	Jan	13 (Mon)	06:03	06:53	112	12:28	52S	18:04	248	18:54
2025	Jan	14 (Tue)	06:03	06:53	112	12:29	52S	18:05	248	18:55
2025	Jan	15 (Wed)	06:03	06:53	112	12:29	52S	18:05	248	18:55
2025	Jan	16 (Thu)	06:03	06:53	112	12:29	53S	18:06	248	18:56
2025	Jan	17 (Fri)	06:03	06:53	111	12:30	53S	18:07	249	18:56
2025	Jan	18 (Sat)	06:03	06:53	111	12:30	53S	18:07	249	18:57
2025	Jan	19 (Sun)	06:03	06:53	111	12:30	53S	18:08	249	18:57
2025	Jan	20 (Mon)	06:03	06:53	111	12:31	53S	18:08	249	18:58
2025	Jan	21 (Tue)	06:03	06:53	111	12:31	54S	18:09	250	18:58
2025	Jan	22 (Wed)	06:04	06:53	110	12:31	54S	18:09	250	18:59
2025	Jan	23 (Thu)	06:04	06:53	110	12:31	54S	18:10	250	18:59
2025	Jan	24 (Fri)	06:04	06:53	110	12:32	54S	18:11	250	19:00
2025	Jan	25 (Sat)	06:03	06:53	110	12:32	55S	18:11	251	19:00
2025	Jan	26 (Sun)	06:03	06:53	109	12:32	55S	18:12	251	19:01
2025	Jan	27 (Mon)	06:03	06:52	109	12:32	55S	18:12	251	19:01
2025	Jan	28 (Tue)	06:03	06:52	109	12:32	55S	18:13	251	19:02
2025	Jan	29 (Wed)	06:03	06:52	109	12:33	56S	18:13	252	19:02
2025	Jan	30 (Thu)	06:03	06:52	108	12:33	56S	18:14	252	19:03
2025	Jan	31 (Fri)	06:03	06:52	108	12:33	56S	18:15	252	19:03
2025	Feb	01 (Sat)	06:03	06:51	108	12:33	56S	18:15	252	19:04
2025	Feb	02 (Sun)	06:03	06:51	107	12:33	57S	18:16	253	19:04
2025	Feb	03 (Mon)	06:02	06:51	107	12:33	57S	18:16	253	19:05
2025	Feb	04 (Tue)	06:02	06:51	107	12:33	57S	18:17	253	19:05
2025	Feb	05 (Wed)	06:02	06:50	106	12:34	58S	18:17	254	19:05
2025	Feb	06 (Thu)	06:02	06:50	106	12:34	58S	18:17	254	19:06
2025	Feb	07 (Fri)	06:01	06:50	106	12:34	58S	18:18	254	19:06
2025	Feb	08 (Sat)	06:01	06:49	105	12:34	58S	18:18	255	19:07
2025	Feb	09 (Sun)	06:01	06:49	105	12:34	59S	18:19	255	19:07
2025	Feb	10 (Mon)	06:00	06:48	105	12:34	59S	18:19	255	19:07
2025	Feb	11 (Tue)	06:00	06:48	104	12:34	59S	18:20	256	19:08
2025	Feb	12 (Wed)	06:00	06:48	104	12:34	60S	18:20	256	19:08
2025	Feb	13 (Thu)	05:59	06:47	104	12:34	60S	18:21	256	19:08
2025	Feb	14 (Fri)	05:59	06:47	103	12:34	60S	18:21	257	19:09
2025	Feb	15 (Sat)	05:58	06:46	103	12:34	61S	18:21	257	19:09
2025	Feb	16 (Sun)	05:58	06:46	103	12:34	61S	18:22	258	19:09
2025	Feb	17 (Mon)	05:58	06:45	102	12:34	62S	18:22	258	19:10
2025	Feb	18 (Tue)	05:57	06:45	102	12:33	62S	18:23	258	19:10
2025	Feb	19 (Wed)	05:57	06:44	102	12:33	62S	18:23	259	19:10
2025	Feb	20 (Thu)	05:56	06:43	101	12:33	63S	18:23	259	19:11
2025	Feb	21 (Fri)	05:56	06:43	101	12:33	63S	18:24	259	19:11
2025	Feb	22 (Sat)	05:55	06:42	100	12:33	63S	18:24	260	19:11
2025	Feb	23 (Sun)	05:54	06:42	100	12:33	64S	18:24	260	19:12
2025	Feb	24 (Mon)	05:54	06:41	100	12:33	64S	18:25	261	19:12
2025	Feb	25 (Tue)	05:53	06:41	99	12:33	64S	18:25	261	19:12
2025	Feb	26 (Wed)	05:53	06:40	99	12:32	65S	18:25	261	19:12
2025	Feb	27 (Thu)	05:52	06:39	98	12:32	65S	18:26	262	19:13
2025	Feb	28 (Fri)	05:52	06:39	98	12:32	66S	18:26	262	19:13
2025	Mar	01 (Sat)	05:51	06:38	98	12:32	66S	18:26	263	19:13

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

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

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

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

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

Sun

Uttaradit

Location: E100°06'25.1", N17°18'03.5", 0m
(Longitude referred to Greenwich meridian)

Time Zone: 7h 00m east of Greenwich

Date (Zone)				Begin	Rise	Az.	Transit	Alt.	Set	Az.	End
				Civil Twilight							Civil Twilight
				h m	h m	°	h m	°	h m	°	h m
2025	Jan	01	(Wed)	06:26	06:50	114	12:23	50S	17:57	246	18:20
2025	Jan	02	(Thu)	06:26	06:50	114	12:24	51S	17:57	246	18:21
2025	Jan	03	(Fri)	06:27	06:50	114	12:24	51S	17:58	246	18:21
2025	Jan	04	(Sat)	06:27	06:51	114	12:25	51S	17:59	246	18:22
2025	Jan	05	(Sun)	06:27	06:51	113	12:25	51S	17:59	247	18:23
2025	Jan	06	(Mon)	06:28	06:51	113	12:25	51S	18:00	247	18:23
2025	Jan	07	(Tue)	06:28	06:51	113	12:26	51S	18:00	247	18:24
2025	Jan	08	(Wed)	06:28	06:52	113	12:26	51S	18:01	247	18:24
2025	Jan	09	(Thu)	06:28	06:52	113	12:27	51S	18:02	247	18:25
2025	Jan	10	(Fri)	06:29	06:52	113	12:27	51S	18:02	247	18:26
2025	Jan	11	(Sat)	06:29	06:52	113	12:27	52S	18:03	247	18:26
2025	Jan	12	(Sun)	06:29	06:52	112	12:28	52S	18:03	248	18:27
2025	Jan	13	(Mon)	06:29	06:53	112	12:28	52S	18:04	248	18:27
2025	Jan	14	(Tue)	06:29	06:53	112	12:29	52S	18:05	248	18:28
2025	Jan	15	(Wed)	06:30	06:53	112	12:29	52S	18:05	248	18:28
2025	Jan	16	(Thu)	06:30	06:53	112	12:29	53S	18:06	248	18:29
2025	Jan	17	(Fri)	06:30	06:53	111	12:30	53S	18:07	249	18:30
2025	Jan	18	(Sat)	06:30	06:53	111	12:30	53S	18:07	249	18:30
2025	Jan	19	(Sun)	06:30	06:53	111	12:30	53S	18:08	249	18:31
2025	Jan	20	(Mon)	06:30	06:53	111	12:31	53S	18:08	249	18:31
2025	Jan	21	(Tue)	06:30	06:53	111	12:31	54S	18:09	250	18:32
2025	Jan	22	(Wed)	06:30	06:53	110	12:31	54S	18:09	250	18:32
2025	Jan	23	(Thu)	06:30	06:53	110	12:31	54S	18:10	250	18:33
2025	Jan	24	(Fri)	06:30	06:53	110	12:32	54S	18:11	250	18:34
2025	Jan	25	(Sat)	06:30	06:53	110	12:32	55S	18:11	251	18:34
2025	Jan	26	(Sun)	06:30	06:53	109	12:32	55S	18:12	251	18:35
2025	Jan	27	(Mon)	06:30	06:52	109	12:32	55S	18:12	251	18:35
2025	Jan	28	(Tue)	06:30	06:52	109	12:32	55S	18:13	251	18:36
2025	Jan	29	(Wed)	06:29	06:52	109	12:33	56S	18:13	252	18:36
2025	Jan	30	(Thu)	06:29	06:52	108	12:33	56S	18:14	252	18:37
2025	Jan	31	(Fri)	06:29	06:52	108	12:33	56S	18:15	252	18:37
2025	Feb	01	(Sat)	06:29	06:51	108	12:33	56S	18:15	252	18:38
2025	Feb	02	(Sun)	06:29	06:51	107	12:33	57S	18:16	253	18:38
2025	Feb	03	(Mon)	06:28	06:51	107	12:33	57S	18:16	253	18:39
2025	Feb	04	(Tue)	06:28	06:51	107	12:33	57S	18:17	253	18:39
2025	Feb	05	(Wed)	06:28	06:50	106	12:34	58S	18:17	254	18:39
2025	Feb	06	(Thu)	06:28	06:50	106	12:34	58S	18:17	254	18:40
2025	Feb	07	(Fri)	06:27	06:50	106	12:34	58S	18:18	254	18:40
2025	Feb	08	(Sat)	06:27	06:49	105	12:34	58S	18:18	255	18:41
2025	Feb	09	(Sun)	06:27	06:49	105	12:34	59S	18:19	255	18:41
2025	Feb	10	(Mon)	06:26	06:48	105	12:34	59S	18:19	255	18:42
2025	Feb	11	(Tue)	06:26	06:48	104	12:34	59S	18:20	256	18:42

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

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

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

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

2025	Nov	27	(Thu)	06:08	06:31	112	12:07	52S	17:43	248	18:06
2025	Nov	28	(Fri)	06:08	06:32	112	12:08	52S	17:43	248	18:07
2025	Nov	29	(Sat)	06:09	06:32	112	12:08	52S	17:43	248	18:07
2025	Nov	30	(Sun)	06:09	06:33	112	12:08	52S	17:44	247	18:07
2025	Dec	01	(Mon)	06:10	06:33	113	12:09	52S	17:44	247	18:07
2025	Dec	02	(Tue)	06:11	06:34	113	12:09	51S	17:44	247	18:07
2025	Dec	03	(Wed)	06:11	06:35	113	12:09	51S	17:44	247	18:07
2025	Dec	04	(Thu)	06:12	06:35	113	12:10	51S	17:44	247	18:08
2025	Dec	05	(Fri)	06:12	06:36	113	12:10	51S	17:45	247	18:08
2025	Dec	06	(Sat)	06:13	06:36	113	12:11	51S	17:45	247	18:08
2025	Dec	07	(Sun)	06:13	06:37	113	12:11	51S	17:45	246	18:08
2025	Dec	08	(Mon)	06:14	06:37	114	12:11	51S	17:45	246	18:09
2025	Dec	09	(Tue)	06:15	06:38	114	12:12	51S	17:46	246	18:09
2025	Dec	10	(Wed)	06:15	06:39	114	12:12	50S	17:46	246	18:09
2025	Dec	11	(Thu)	06:16	06:39	114	12:13	50S	17:46	246	18:10
2025	Dec	12	(Fri)	06:16	06:40	114	12:13	50S	17:47	246	18:10
2025	Dec	13	(Sat)	06:17	06:40	114	12:14	50S	17:47	246	18:11
2025	Dec	14	(Sun)	06:17	06:41	114	12:14	50S	17:47	246	18:11
2025	Dec	15	(Mon)	06:18	06:42	114	12:15	50S	17:48	246	18:11
2025	Dec	16	(Tue)	06:18	06:42	114	12:15	50S	17:48	246	18:12
2025	Dec	17	(Wed)	06:19	06:43	114	12:16	50S	17:49	246	18:12
2025	Dec	18	(Thu)	06:20	06:43	114	12:16	50S	17:49	246	18:13
2025	Dec	19	(Fri)	06:20	06:44	114	12:17	50S	17:50	246	18:13
2025	Dec	20	(Sat)	06:21	06:44	114	12:17	50S	17:50	246	18:14
2025	Dec	21	(Sun)	06:21	06:45	114	12:18	50S	17:51	246	18:14
2025	Dec	22	(Mon)	06:22	06:45	114	12:18	50S	17:51	246	18:15
2025	Dec	23	(Tue)	06:22	06:46	114	12:19	50S	17:52	246	18:15
2025	Dec	24	(Wed)	06:23	06:46	114	12:19	50S	17:52	246	18:16
2025	Dec	25	(Thu)	06:23	06:47	114	12:20	50S	17:53	246	18:16
2025	Dec	26	(Fri)	06:24	06:47	114	12:20	50S	17:53	246	18:17
2025	Dec	27	(Sat)	06:24	06:48	114	12:21	50S	17:54	246	18:17
2025	Dec	28	(Sun)	06:24	06:48	114	12:21	50S	17:54	246	18:18
2025	Dec	29	(Mon)	06:25	06:48	114	12:22	50S	17:55	246	18:18
2025	Dec	30	(Tue)	06:25	06:49	114	12:22	50S	17:55	246	18:19
2025	Dec	31	(Wed)	06:26	06:49	114	12:23	50S	17:56	246	18:20

Moon

Uttaradit

Location: E100°06'25.1", N17°18'03.5", 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)	08:00		117	13:38		48S	19:17		245
2025	Jan	02	(Thu)	08:49		113	14:32		52S	20:18		249
2025	Jan	03	(Fri)	09:34		108	15:24		57S	21:17		255
2025	Jan	04	(Sat)	10:15		101	16:13		64S	22:14		262
2025	Jan	05	(Sun)	10:54		94	17:00		71S	23:10		269
2025	Jan	06	(Mon)	11:33		87	17:47		78S			
2025	Jan	07	(Tue)	12:12		80	18:35		84S	00:06		276
2025	Jan	08	(Wed)	12:53		74	19:26		91S	01:04		283
2025	Jan	09	(Thu)	13:39		68	20:21		85N	02:04		290
2025	Jan	10	(Fri)	14:29		63	21:19		82N	03:07		295
2025	Jan	11	(Sat)	15:26		61	22:20		80N	04:11		298
2025	Jan	12	(Sun)	16:26		60	23:21		80N	05:15		300
2025	Jan	13	(Mon)	17:28		62				06:15		299
2025	Jan	14	(Tue)	18:30		65	00:20		81N	07:10		297
2025	Jan	15	(Wed)	19:28		69	01:15		85N	07:58		293
2025	Jan	16	(Thu)	20:22		75	02:06		90N	08:40		288
2025	Jan	17	(Fri)	21:13		81	02:52		86S	09:17		282
2025	Jan	18	(Sat)	22:01		87	03:34		81S	09:51		276
2025	Jan	19	(Sun)	22:48		93	04:14		75S	10:24		270
2025	Jan	20	(Mon)	23:35		99	04:53		69S	10:55		264
2025	Jan	21	(Tue)				05:33		63S	11:28		258
2025	Jan	22	(Wed)	00:22		105	06:14		58S	12:02		253
2025	Jan	23	(Thu)	01:12		110	06:57		53S	12:40		248
2025	Jan	24	(Fri)	02:04		114	07:44		49S	13:22		244
2025	Jan	25	(Sat)	02:59		118	08:35		46S	14:09		241

2025	Jan	26	(Sun)	03:56	120	09:30	44S	15:03	240
2025	Jan	27	(Mon)	04:53	120	10:27	44S	16:01	241
2025	Jan	28	(Tue)	05:49	118	11:25	46S	17:02	243
2025	Jan	29	(Wed)	06:41	115	12:21	50S	18:05	247
2025	Jan	30	(Thu)	07:28	110	13:15	55S	19:06	253
2025	Jan	31	(Fri)	08:12	104	14:07	61S	20:05	259
2025	Feb	01	(Sat)	08:53	97	14:56	68S	21:03	267
2025	Feb	02	(Sun)	09:32	89	15:44	75S	22:01	274
2025	Feb	03	(Mon)	10:11	82	16:33	83S	22:59	282
2025	Feb	04	(Tue)	10:52	75	17:23	89S	23:58	288
2025	Feb	05	(Wed)	11:37	69	18:16	87N		
2025	Feb	06	(Thu)	12:25	64	19:13	82N	01:00	294
2025	Feb	07	(Fri)	13:19	61	20:12	80N	02:03	298
2025	Feb	08	(Sat)	14:17	60	21:12	79N	03:06	300
2025	Feb	09	(Sun)	15:17	61	22:11	80N	04:07	300
2025	Feb	10	(Mon)	16:18	63	23:06	83N	05:02	298
2025	Feb	11	(Tue)	17:16	67	23:58	88N	05:51	295
2025	Feb	12	(Wed)	18:12	72			06:35	290
2025	Feb	13	(Thu)	19:04	78	00:45	89S	07:14	285
2025	Feb	14	(Fri)	19:53	84	01:28	83S	07:49	279
2025	Feb	15	(Sat)	20:41	91	02:09	77S	08:22	272
2025	Feb	16	(Sun)	21:28	97	02:49	71S	08:54	266
2025	Feb	17	(Mon)	22:15	103	03:29	65S	09:26	260
2025	Feb	18	(Tue)	23:04	108	04:09	60S	10:00	255
2025	Feb	19	(Wed)	23:55	113	04:51	54S	10:36	250
2025	Feb	20	(Thu)			05:36	50S	11:15	245
2025	Feb	21	(Fri)	00:48	117	06:25	47S	12:00	242
2025	Feb	22	(Sat)	01:43	119	07:17	45S	12:50	240
2025	Feb	23	(Sun)	02:39	120	08:12	44S	13:45	240
2025	Feb	24	(Mon)	03:35	120	09:09	45S	14:44	241
2025	Feb	25	(Tue)	04:28	117	10:05	48S	15:45	245
2025	Feb	26	(Wed)	05:17	113	11:00	52S	16:47	250
2025	Feb	27	(Thu)	06:03	107	11:54	58S	17:48	256
2025	Feb	28	(Fri)	06:45	100	12:45	65S	18:48	263
2025	Mar	01	(Sat)	07:26	93	13:35	72S	19:48	271
2025	Mar	02	(Sun)	08:07	85	14:25	80S	20:48	279
2025	Mar	03	(Mon)	08:49	78	15:16	87S	21:49	286
2025	Mar	04	(Tue)	09:33	71	16:10	88N	22:52	292
2025	Mar	05	(Wed)	10:21	66	17:07	84N	23:56	297
2025	Mar	06	(Thu)	11:14	62	18:06	80N		
2025	Mar	07	(Fri)	12:11	60	19:07	79N	01:00	299
2025	Mar	08	(Sat)	13:11	60	20:06	80N	02:02	300
2025	Mar	09	(Sun)	14:12	62	21:02	82N	02:58	299
2025	Mar	10	(Mon)	15:10	66	21:54	86N	03:49	296
2025	Mar	11	(Tue)	16:05	71	22:41	91S	04:34	292
2025	Mar	12	(Wed)	16:58	76	23:25	85S	05:13	287
2025	Mar	13	(Thu)	17:47	82			05:49	281
2025	Mar	14	(Fri)	18:35	88	00:07	79S	06:22	275
2025	Mar	15	(Sat)	19:22	95	00:47	73S	06:54	268
2025	Mar	16	(Sun)	20:09	101	01:26	67S	07:26	262
2025	Mar	17	(Mon)	20:58	106	02:06	62S	07:59	257
2025	Mar	18	(Tue)	21:48	111	02:47	56S	08:34	251
2025	Mar	19	(Wed)	22:40	115	03:31	52S	09:12	247
2025	Mar	20	(Thu)	23:33	118	04:18	48S	09:54	243
2025	Mar	21	(Fri)			05:08	45S	10:41	241
2025	Mar	22	(Sat)	00:28	120	06:01	44S	11:33	240
2025	Mar	23	(Sun)	01:23	120	06:56	44S	12:29	240
2025	Mar	24	(Mon)	02:16	118	07:51	46S	13:28	243
2025	Mar	25	(Tue)	03:05	115	08:46	50S	14:29	247
2025	Mar	26	(Wed)	03:52	110	09:38	55S	15:29	253
2025	Mar	27	(Thu)	04:35	104	10:30	61S	16:29	259
2025	Mar	28	(Fri)	05:17	97	11:20	68S	17:28	267
2025	Mar	29	(Sat)	05:58	89	12:11	76S	18:29	275
2025	Mar	30	(Sun)	06:39	81	13:03	83S	19:31	283
2025	Mar	31	(Mon)	07:24	74	13:57	90S	20:35	289
2025	Apr	01	(Tue)	08:12	68	14:55	85N	21:42	295
2025	Apr	02	(Wed)	09:05	63	15:55	81N	22:49	299
2025	Apr	03	(Thu)	10:03	60	16:58	79N	23:53	300
2025	Apr	04	(Fri)	11:04	60	17:59	79N		
2025	Apr	05	(Sat)	12:05	61	18:57	81N	00:53	300
2025	Apr	06	(Sun)	13:05	65	19:51	85N	01:46	297
2025	Apr	07	(Mon)	14:01	69	20:40	89N	02:33	293

2025 Apr 08 (Tue)	14:54 74	21:24 87S	03:14 288
2025 Apr 09 (Wed)	15:44 80	22:06 81S	03:51 283
2025 Apr 10 (Thu)	16:32 86	22:46 75S	04:24 277
2025 Apr 11 (Fri)	17:19 93	23:25 69S	04:56 271
2025 Apr 12 (Sat)	18:06 99		05:28 264
2025 Apr 13 (Sun)	18:54 104	00:05 63S	06:00 259
2025 Apr 14 (Mon)	19:43 110	00:46 58S	06:34 253
2025 Apr 15 (Tue)	20:34 114	01:29 53S	07:11 248
2025 Apr 16 (Wed)	21:27 117	02:14 49S	07:52 244
2025 Apr 17 (Thu)	22:22 120	03:03 46S	08:37 241
2025 Apr 18 (Fri)	23:16 120	03:55 44S	09:27 240
2025 Apr 19 (Sat)		04:48 44S	10:21 240
2025 Apr 20 (Sun)	00:08 119	05:42 46S	11:18 242
2025 Apr 21 (Mon)	00:58 116	06:36 48S	12:16 245
2025 Apr 22 (Tue)	01:44 112	07:28 53S	13:14 250
2025 Apr 23 (Wed)	02:27 107	08:18 58S	14:12 256
2025 Apr 24 (Thu)	03:08 100	09:07 65S	15:10 263
2025 Apr 25 (Fri)	03:48 93	09:56 72S	16:09 271
2025 Apr 26 (Sat)	04:29 85	10:46 80S	17:09 278
2025 Apr 27 (Sun)	05:11 78	11:39 87S	18:12 286
2025 Apr 28 (Mon)	05:58 71	12:36 88N	19:19 292
2025 Apr 29 (Tue)	06:50 65	13:37 83N	20:28 297
2025 Apr 30 (Wed)	07:47 62	14:41 80N	21:36 300
2025 May 01 (Thu)	08:49 60	15:45 79N	22:41 300
2025 May 02 (Fri)	09:53 61	16:47 80N	23:39 298
2025 May 03 (Sat)	10:56 63	17:44 83N	
2025 May 04 (Sun)	11:55 67	18:36 88N	00:29 295
2025 May 05 (Mon)	12:50 73	19:23 89S	01:13 290
2025 May 06 (Tue)	13:41 78	20:05 83S	01:51 284
2025 May 07 (Wed)	14:30 84	20:46 77S	02:26 279
2025 May 08 (Thu)	15:17 91	21:25 71S	02:58 272
2025 May 09 (Fri)	16:03 97	22:04 65S	03:30 266
2025 May 10 (Sat)	16:50 103	22:45 60S	04:02 260
2025 May 11 (Sun)	17:39 108	23:27 55S	04:36 255
2025 May 12 (Mon)	18:30 113		05:12 250
2025 May 13 (Tue)	19:23 116	00:12 50S	05:51 246
2025 May 14 (Wed)	20:17 119	01:00 47S	06:35 242
2025 May 15 (Thu)	21:11 120	01:51 45S	07:24 240
2025 May 16 (Fri)	22:04 119	02:44 44S	08:17 240
2025 May 17 (Sat)	22:54 117	03:38 45S	09:12 241
2025 May 18 (Sun)	23:41 114	04:31 47S	10:09 244
2025 May 19 (Mon)		05:22 51S	11:07 248
2025 May 20 (Tue)	00:24 109	06:12 56S	12:03 254
2025 May 21 (Wed)	01:04 103	06:59 62S	12:59 260
2025 May 22 (Thu)	01:43 96	07:47 69S	13:55 268
2025 May 23 (Fri)	02:21 89	08:34 76S	14:52 275
2025 May 24 (Sat)	03:02 81	09:24 83S	15:52 282
2025 May 25 (Sun)	03:45 74	10:18 90S	16:56 289
2025 May 26 (Mon)	04:34 68	11:16 86N	18:03 295
2025 May 27 (Tue)	05:28 63	12:19 82N	19:13 298
2025 May 28 (Wed)	06:29 61	13:24 80N	20:21 300
2025 May 29 (Thu)	07:34 60	14:29 80N	21:24 299
2025 May 30 (Fri)	08:39 62	15:31 82N	22:19 296
2025 May 31 (Sat)	09:42 66	16:26 86N	23:07 292
2025 Jun 01 (Sun)	10:40 71	17:16 90S	23:48 286
2025 Jun 02 (Mon)	11:34 76	18:02 85S	
2025 Jun 03 (Tue)	12:25 82	18:44 79S	00:25 281
2025 Jun 04 (Wed)	13:13 89	19:24 73S	00:59 274
2025 Jun 05 (Thu)	14:00 95	20:03 67S	01:31 268
2025 Jun 06 (Fri)	14:47 101	20:43 61S	02:03 262
2025 Jun 07 (Sat)	15:35 106	21:24 56S	02:36 257
2025 Jun 08 (Sun)	16:25 111	22:08 52S	03:11 251
2025 Jun 09 (Mon)	17:17 115	22:56 48S	03:50 247
2025 Jun 10 (Tue)	18:11 118	23:46 46S	04:32 243
2025 Jun 11 (Wed)	19:06 120		05:20 241
2025 Jun 12 (Thu)	20:00 120	00:39 44S	06:12 240
2025 Jun 13 (Fri)	20:52 118	01:33 45S	07:07 241
2025 Jun 14 (Sat)	21:39 115	02:27 47S	08:05 243
2025 Jun 15 (Sun)	22:23 110	03:19 50S	09:02 247
2025 Jun 16 (Mon)	23:04 104	04:09 55S	09:58 252
2025 Jun 17 (Tue)	23:42 98	04:57 61S	10:54 259
2025 Jun 18 (Wed)		05:43 67S	11:48 265

2025 Jun 19 (Thu)	00:20	91	06:29	74S	12:44	273
2025 Jun 20 (Fri)	00:58	84	07:17	81S	13:41	280
2025 Jun 21 (Sat)	01:38	77	08:07	88S	14:40	287
2025 Jun 22 (Sun)	02:23	71	09:01	88N	15:44	292
2025 Jun 23 (Mon)	03:13	65	10:01	83N	16:51	297
2025 Jun 24 (Tue)	04:10	62	11:04	80N	17:59	299
2025 Jun 25 (Wed)	05:13	60	12:09	79N	19:05	300
2025 Jun 26 (Thu)	06:19	61	13:13	81N	20:04	298
2025 Jun 27 (Fri)	07:24	64	14:12	84N	20:56	294
2025 Jun 28 (Sat)	08:26	68	15:06	89N	21:42	289
2025 Jun 29 (Sun)	09:23	74	15:54	87S	22:21	283
2025 Jun 30 (Mon)	10:16	80	16:38	81S	22:57	277
2025 Jul 01 (Tue)	11:06	86	17:20	75S	23:30	270
2025 Jul 02 (Wed)	11:54	93	18:00	69S		
2025 Jul 03 (Thu)	12:41	99	18:40	63S	00:02	264
2025 Jul 04 (Fri)	13:29	105	19:21	58S	00:35	258
2025 Jul 05 (Sat)	14:18	110	20:04	53S	01:09	253
2025 Jul 06 (Sun)	15:10	114	20:50	49S	01:47	248
2025 Jul 07 (Mon)	16:03	117	21:39	46S	02:28	244
2025 Jul 08 (Tue)	16:58	119	22:32	45S	03:14	242
2025 Jul 09 (Wed)	17:53	120	23:26	44S	04:04	240
2025 Jul 10 (Thu)	18:46	119			04:59	240
2025 Jul 11 (Fri)	19:36	116	00:21	46S	05:57	242
2025 Jul 12 (Sat)	20:21	112	01:14	49S	06:55	246
2025 Jul 13 (Sun)	21:03	106	02:06	53S	07:53	251
2025 Jul 14 (Mon)	21:43	100	02:55	59S	08:49	257
2025 Jul 15 (Tue)	22:21	93	03:42	65S	09:45	263
2025 Jul 16 (Wed)	22:58	86	04:28	72S	10:40	271
2025 Jul 17 (Thu)	23:37	79	05:14	79S	11:35	278
2025 Jul 18 (Fri)			06:03	86S	12:33	285
2025 Jul 19 (Sat)	00:19	72	06:54	90N	13:34	291
2025 Jul 20 (Sun)	01:06	67	07:50	85N	14:38	296
2025 Jul 21 (Mon)	01:59	63	08:50	81N	15:44	299
2025 Jul 22 (Tue)	02:58	60	09:53	79N	16:49	300
2025 Jul 23 (Wed)	04:01	60	10:57	80N	17:50	299
2025 Jul 24 (Thu)	05:06	62	11:57	82N	18:45	296
2025 Jul 25 (Fri)	06:09	66	12:53	86N	19:33	291
2025 Jul 26 (Sat)	07:09	71	13:44	90S	20:15	286
2025 Jul 27 (Sun)	08:04	77	14:31	84S	20:53	279
2025 Jul 28 (Mon)	08:56	84	15:14	78S	21:27	273
2025 Jul 29 (Tue)	09:45	90	15:55	71S	22:00	267
2025 Jul 30 (Wed)	10:33	97	16:35	65S	22:33	261
2025 Jul 31 (Thu)	11:21	102	17:16	60S	23:07	255
2025 Aug 01 (Fri)	12:10	108	17:58	55S	23:43	250
2025 Aug 02 (Sat)	13:01	113	18:43	50S		
2025 Aug 03 (Sun)	13:54	116	19:31	47S	00:22	246
2025 Aug 04 (Mon)	14:48	119	20:22	45S	01:06	242
2025 Aug 05 (Tue)	15:43	120	21:15	44S	01:55	240
2025 Aug 06 (Wed)	16:37	120	22:10	45S	02:48	240
2025 Aug 07 (Thu)	17:28	117	23:05	48S	03:45	241
2025 Aug 08 (Fri)	18:16	114	23:58	51S	04:44	244
2025 Aug 09 (Sat)	19:00	108			05:43	249
2025 Aug 10 (Sun)	19:41	102	00:49	57S	06:41	254
2025 Aug 11 (Mon)	20:20	95	01:37	63S	07:38	261
2025 Aug 12 (Tue)	20:58	88	02:25	70S	08:34	268
2025 Aug 13 (Wed)	21:37	81	03:12	77S	09:30	276
2025 Aug 14 (Thu)	22:19	74	04:00	84S	10:28	283
2025 Aug 15 (Fri)	23:04	68	04:51	90S	11:28	289
2025 Aug 16 (Sat)	23:54	64	05:45	86N	12:31	294
2025 Aug 17 (Sun)			06:43	82N	13:35	298
2025 Aug 18 (Mon)	00:50	61	07:44	80N	14:40	300
2025 Aug 19 (Tue)	01:51	60	08:47	79N	15:41	300
2025 Aug 20 (Wed)	02:54	61	09:47	81N	16:37	297
2025 Aug 21 (Thu)	03:57	64	10:44	85N	17:27	293
2025 Aug 22 (Fri)	04:57	69	11:36	89N	18:10	288
2025 Aug 23 (Sat)	05:53	75	12:23	86S	18:49	282
2025 Aug 24 (Sun)	06:46	81	13:07	80S	19:25	276
2025 Aug 25 (Mon)	07:36	88	13:49	74S	19:58	269
2025 Aug 26 (Tue)	08:25	94	14:30	68S	20:31	263
2025 Aug 27 (Wed)	09:14	100	15:11	62S	21:05	257
2025 Aug 28 (Thu)	10:02	106	15:53	57S	21:40	252
2025 Aug 29 (Fri)	10:52	111	16:37	52S	22:18	247

2025 Aug 30 (Sat)	11:44 115	17:23 48S	23:00 243
2025 Aug 31 (Sun)	12:37 118	18:12 46S	23:46 241
2025 Sep 01 (Mon)	13:32 120	19:04 44S	
2025 Sep 02 (Tue)	14:26 120	19:58 44S	00:37 240
2025 Sep 03 (Wed)	15:17 119	20:52 46S	01:31 240
2025 Sep 04 (Thu)	16:07 115	21:46 49S	02:29 243
2025 Sep 05 (Fri)	16:52 111	22:37 54S	03:28 246
2025 Sep 06 (Sat)	17:35 105	23:27 60S	04:26 252
2025 Sep 07 (Sun)	18:15 98		05:24 258
2025 Sep 08 (Mon)	18:54 91	00:16 67S	06:22 265
2025 Sep 09 (Tue)	19:34 84	01:05 74S	07:19 273
2025 Sep 10 (Wed)	20:16 76	01:54 81S	08:18 280
2025 Sep 11 (Thu)	21:01 70	02:45 88S	09:19 287
2025 Sep 12 (Fri)	21:50 65	03:40 87N	10:23 293
2025 Sep 13 (Sat)	22:45 61	04:38 83N	11:28 297
2025 Sep 14 (Sun)	23:45 60	05:39 80N	12:34 300
2025 Sep 15 (Mon)		06:41 79N	13:36 300
2025 Sep 16 (Tue)	00:47 61	07:41 80N	14:33 298
2025 Sep 17 (Wed)	01:50 63	08:38 83N	15:24 295
2025 Sep 18 (Thu)	02:49 67	09:31 88N	16:08 290
2025 Sep 19 (Fri)	03:46 73	10:19 88S	16:48 284
2025 Sep 20 (Sat)	04:39 79	11:04 83S	17:24 278
2025 Sep 21 (Sun)	05:30 85	11:46 76S	17:58 272
2025 Sep 22 (Mon)	06:19 91	12:27 70S	18:31 265
2025 Sep 23 (Tue)	07:07 98	13:07 64S	19:04 259
2025 Sep 24 (Wed)	07:56 104	13:49 59S	19:38 254
2025 Sep 25 (Thu)	08:45 109	14:32 54S	20:15 249
2025 Sep 26 (Fri)	09:36 114	15:17 50S	20:55 245
2025 Sep 27 (Sat)	10:29 117	16:05 46S	21:39 242
2025 Sep 28 (Sun)	11:22 119	16:55 45S	22:28 240
2025 Sep 29 (Mon)	12:16 120	17:48 44S	23:20 240
2025 Sep 30 (Tue)	13:07 119	18:41 45S	
2025 Oct 01 (Wed)	13:57 117	19:34 48S	00:16 241
2025 Oct 02 (Thu)	14:43 113	20:25 52S	01:13 245
2025 Oct 03 (Fri)	15:26 108	21:15 57S	02:10 249
2025 Oct 04 (Sat)	16:07 102	22:04 63S	03:07 255
2025 Oct 05 (Sun)	16:46 95	22:52 70S	04:05 262
2025 Oct 06 (Mon)	17:26 87	23:41 78S	05:02 269
2025 Oct 07 (Tue)	18:07 80		06:01 277
2025 Oct 08 (Wed)	18:52 73	00:33 85S	07:03 284
2025 Oct 09 (Thu)	19:42 67	01:27 90N	08:07 291
2025 Oct 10 (Fri)	20:37 63	02:26 85N	09:15 296
2025 Oct 11 (Sat)	21:37 60	03:28 81N	10:23 299
2025 Oct 12 (Sun)	22:40 60	04:32 79N	11:28 300
2025 Oct 13 (Mon)	23:43 62	05:35 80N	12:28 299
2025 Oct 14 (Tue)		06:34 82N	13:21 296
2025 Oct 15 (Wed)	00:44 66	07:28 86N	14:08 291
2025 Oct 16 (Thu)	01:42 71	08:17 90S	14:48 286
2025 Oct 17 (Fri)	02:35 77	09:02 84S	15:25 280
2025 Oct 18 (Sat)	03:26 83	09:45 78S	15:59 274
2025 Oct 19 (Sun)	04:15 89	10:25 72S	16:32 268
2025 Oct 20 (Mon)	05:03 96	11:06 66S	17:05 261
2025 Oct 21 (Tue)	05:51 102	11:46 61S	17:38 256
2025 Oct 22 (Wed)	06:40 107	12:29 55S	18:14 250
2025 Oct 23 (Thu)	07:30 112	13:13 51S	18:53 246
2025 Oct 24 (Fri)	08:22 116	14:00 48S	19:36 243
2025 Oct 25 (Sat)	09:16 119	14:50 45S	20:23 241
2025 Oct 26 (Sun)	10:09 120	15:41 44S	21:13 240
2025 Oct 27 (Mon)	11:01 120	16:33 45S	22:07 241
2025 Oct 28 (Tue)	11:50 118	17:25 47S	23:02 243
2025 Oct 29 (Wed)	12:36 115	18:16 50S	23:58 247
2025 Oct 30 (Thu)	13:19 110	19:04 55S	
2025 Oct 31 (Fri)	13:59 105	19:52 60S	00:53 252
2025 Nov 01 (Sat)	14:38 98	20:39 67S	01:49 258
2025 Nov 02 (Sun)	15:17 91	21:27 74S	02:44 265
2025 Nov 03 (Mon)	15:57 84	22:16 81S	03:41 273
2025 Nov 04 (Tue)	16:39 76	23:09 88S	04:41 280
2025 Nov 05 (Wed)	17:27 70		05:44 287
2025 Nov 06 (Thu)	18:20 65	00:07 87N	06:51 293
2025 Nov 07 (Fri)	19:20 61	01:09 83N	08:01 298
2025 Nov 08 (Sat)	20:25 60	02:15 80N	09:11 300
2025 Nov 09 (Sun)	21:31 62	03:21 80N	10:16 299

2025 Nov 10 (Mon)	22:35 65	04:24 81N	11:14 297
2025 Nov 11 (Tue)	23:36 69	05:22 85N	12:04 293
2025 Nov 12 (Wed)		06:14 90N	12:48 288
2025 Nov 13 (Thu)	00:31 75	07:01 86S	13:26 282
2025 Nov 14 (Fri)	01:23 81	07:44 80S	14:01 276
2025 Nov 15 (Sat)	02:12 88	08:25 74S	14:34 269
2025 Nov 16 (Sun)	03:00 94	09:05 68S	15:07 263
2025 Nov 17 (Mon)	03:48 100	09:46 62S	15:40 257
2025 Nov 18 (Tue)	04:36 105	10:27 57S	16:15 252
2025 Nov 19 (Wed)	05:26 110	11:11 52S	16:53 247
2025 Nov 20 (Thu)	06:18 115	11:57 49S	17:34 244
2025 Nov 21 (Fri)	07:11 118	12:46 46S	18:20 241
2025 Nov 22 (Sat)	08:04 119	13:37 45S	19:09 240
2025 Nov 23 (Sun)	08:56 120	14:29 45S	20:02 241
2025 Nov 24 (Mon)	09:46 118	15:21 46S	20:57 243
2025 Nov 25 (Tue)	10:33 116	16:11 49S	21:51 246
2025 Nov 26 (Wed)	11:16 112	16:59 53S	22:46 250
2025 Nov 27 (Thu)	11:56 107	17:46 58S	23:39 256
2025 Nov 28 (Fri)	12:34 101	18:31 64S	
2025 Nov 29 (Sat)	13:11 94	19:17 71S	00:33 262
2025 Nov 30 (Sun)	13:49 87	20:03 78S	01:27 269
2025 Dec 01 (Mon)	14:28 80	20:53 85S	02:23 277
2025 Dec 02 (Tue)	15:12 73	21:47 90N	03:22 284
2025 Dec 03 (Wed)	16:02 67	22:46 85N	04:26 290
2025 Dec 04 (Thu)	16:58 63	23:50 81N	05:34 295
2025 Dec 05 (Fri)	18:02 61		06:45 299
2025 Dec 06 (Sat)	19:09 61	00:58 80N	07:54 300
2025 Dec 07 (Sun)	20:17 63	02:05 80N	08:58 298
2025 Dec 08 (Mon)	21:22 68	03:07 83N	09:54 295
2025 Dec 09 (Tue)	22:21 73	04:04 88N	10:42 290
2025 Dec 10 (Wed)	23:16 79	04:55 88S	11:23 284
2025 Dec 11 (Thu)		05:40 82S	12:00 278
2025 Dec 12 (Fri)	00:08 86	06:23 76S	12:35 271
2025 Dec 13 (Sat)	00:57 92	07:04 70S	13:08 265
2025 Dec 14 (Sun)	01:45 98	07:44 64S	13:41 259
2025 Dec 15 (Mon)	02:33 104	08:25 59S	14:15 254
2025 Dec 16 (Tue)	03:22 109	09:08 54S	14:52 249
2025 Dec 17 (Wed)	04:13 113	09:54 50S	15:32 245
2025 Dec 18 (Thu)	05:05 117	10:42 47S	16:17 242
2025 Dec 19 (Fri)	05:59 119	11:32 45S	17:05 240
2025 Dec 20 (Sat)	06:52 120	12:25 45S	17:58 240
2025 Dec 21 (Sun)	07:43 119	13:17 46S	18:52 242
2025 Dec 22 (Mon)	08:31 117	14:08 48S	19:47 245
2025 Dec 23 (Tue)	09:15 113	14:57 52S	20:42 249
2025 Dec 24 (Wed)	09:56 108	15:44 57S	21:36 254
2025 Dec 25 (Thu)	10:34 102	16:29 63S	22:28 261
2025 Dec 26 (Fri)	11:10 96	17:13 69S	23:21 267
2025 Dec 27 (Sat)	11:47 89	17:58 75S	
2025 Dec 28 (Sun)	12:24 83	18:44 82S	00:14 274
2025 Dec 29 (Mon)	13:04 76	19:34 89S	01:10 281
2025 Dec 30 (Tue)	13:49 70	20:29 87N	02:09 288
2025 Dec 31 (Wed)	14:40 65	21:28 83N	03:13 293