

Sun

Loei

Location: E101°42'17.9", N17°31'22.7", 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	06:44	114	12:17	50S	17:50	246	18:41
2025	Jan	02 (Thu)	05:53	06:44	114	12:17	50S	17:51	246	18:41
2025	Jan	03 (Fri)	05:54	06:44	114	12:18	50S	17:51	246	18:42
2025	Jan	04 (Sat)	05:54	06:45	114	12:18	50S	17:52	246	18:42
2025	Jan	05 (Sun)	05:54	06:45	113	12:19	51S	17:52	247	18:43
2025	Jan	06 (Mon)	05:55	06:45	113	12:19	51S	17:53	247	18:43
2025	Jan	07 (Tue)	05:55	06:45	113	12:19	51S	17:54	247	18:44
2025	Jan	08 (Wed)	05:55	06:46	113	12:20	51S	17:54	247	18:45
2025	Jan	09 (Thu)	05:56	06:46	113	12:20	51S	17:55	247	18:45
2025	Jan	10 (Fri)	05:56	06:46	113	12:21	51S	17:55	247	18:46
2025	Jan	11 (Sat)	05:56	06:46	113	12:21	51S	17:56	247	18:46
2025	Jan	12 (Sun)	05:56	06:46	112	12:21	52S	17:57	248	18:47
2025	Jan	13 (Mon)	05:56	06:47	112	12:22	52S	17:57	248	18:47
2025	Jan	14 (Tue)	05:57	06:47	112	12:22	52S	17:58	248	18:48
2025	Jan	15 (Wed)	05:57	06:47	112	12:23	52S	17:59	248	18:48
2025	Jan	16 (Thu)	05:57	06:47	112	12:23	52S	17:59	248	18:49
2025	Jan	17 (Fri)	05:57	06:47	112	12:23	52S	18:00	249	18:50
2025	Jan	18 (Sat)	05:57	06:47	111	12:24	53S	18:00	249	18:50
2025	Jan	19 (Sun)	05:57	06:47	111	12:24	53S	18:01	249	18:51
2025	Jan	20 (Mon)	05:57	06:47	111	12:24	53S	18:02	249	18:51
2025	Jan	21 (Tue)	05:57	06:47	111	12:24	53S	18:02	249	18:52
2025	Jan	22 (Wed)	05:57	06:47	110	12:25	54S	18:03	250	18:52
2025	Jan	23 (Thu)	05:57	06:47	110	12:25	54S	18:03	250	18:53
2025	Jan	24 (Fri)	05:57	06:47	110	12:25	54S	18:04	250	18:53
2025	Jan	25 (Sat)	05:57	06:47	110	12:25	54S	18:05	250	18:54
2025	Jan	26 (Sun)	05:57	06:46	109	12:26	55S	18:05	251	18:54
2025	Jan	27 (Mon)	05:57	06:46	109	12:26	55S	18:06	251	18:55
2025	Jan	28 (Tue)	05:57	06:46	109	12:26	55S	18:06	251	18:55
2025	Jan	29 (Wed)	05:57	06:46	109	12:26	55S	18:07	252	18:56
2025	Jan	30 (Thu)	05:57	06:46	108	12:26	56S	18:07	252	18:56
2025	Jan	31 (Fri)	05:57	06:46	108	12:27	56S	18:08	252	18:57
2025	Feb	01 (Sat)	05:57	06:45	108	12:27	56S	18:08	252	18:57
2025	Feb	02 (Sun)	05:56	06:45	107	12:27	56S	18:09	253	18:57
2025	Feb	03 (Mon)	05:56	06:45	107	12:27	57S	18:09	253	18:58
2025	Feb	04 (Tue)	05:56	06:44	107	12:27	57S	18:10	253	18:58
2025	Feb	05 (Wed)	05:56	06:44	106	12:27	57S	18:10	254	18:59
2025	Feb	06 (Thu)	05:55	06:44	106	12:27	58S	18:11	254	18:59
2025	Feb	07 (Fri)	05:55	06:43	106	12:27	58S	18:11	254	19:00
2025	Feb	08 (Sat)	05:55	06:43	105	12:27	58S	18:12	255	19:00
2025	Feb	09 (Sun)	05:55	06:43	105	12:27	59S	18:12	255	19:00
2025	Feb	10 (Mon)	05:54	06:42	105	12:27	59S	18:13	255	19:01
2025	Feb	11 (Tue)	05:54	06:42	104	12:27	59S	18:13	256	19:01
2025	Feb	12 (Wed)	05:53	06:41	104	12:27	60S	18:14	256	19:01
2025	Feb	13 (Thu)	05:53	06:41	104	12:27	60S	18:14	256	19:02
2025	Feb	14 (Fri)	05:53	06:40	103	12:27	60S	18:14	257	19:02
2025	Feb	15 (Sat)	05:52	06:40	103	12:27	61S	18:15	257	19:03
2025	Feb	16 (Sun)	05:52	06:39	103	12:27	61S	18:15	258	19:03
2025	Feb	17 (Mon)	05:51	06:39	102	12:27	61S	18:16	258	19:03
2025	Feb	18 (Tue)	05:51	06:38	102	12:27	62S	18:16	258	19:04
2025	Feb	19 (Wed)	05:50	06:38	102	12:27	62S	18:16	259	19:04
2025	Feb	20 (Thu)	05:50	06:37	101	12:27	62S	18:17	259	19:04
2025	Feb	21 (Fri)	05:49	06:37	101	12:27	63S	18:17	259	19:04
2025	Feb	22 (Sat)	05:49	06:36	100	12:27	63S	18:17	260	19:05
2025	Feb	23 (Sun)	05:48	06:36	100	12:26	63S	18:18	260	19:05
2025	Feb	24 (Mon)	05:48	06:35	100	12:26	64S	18:18	261	19:05
2025	Feb	25 (Tue)	05:47	06:34	99	12:26	64S	18:18	261	19:06
2025	Feb	26 (Wed)	05:46	06:34	99	12:26	65S	18:19	261	19:06
2025	Feb	27 (Thu)	05:46	06:33	98	12:26	65S	18:19	262	19:06
2025	Feb	28 (Fri)	05:45	06:32	98	12:26	65S	18:19	262	19:06
2025	Mar	01 (Sat)	05:45	06:32	98	12:25	66S	18:20	263	19:07

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

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

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

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

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

Sun

Loei

Location: E101°42'17.9", N17°31'22.7", 0m
(Longitude referred to Greenwich meridian)

Time Zone: 7h 00m east of Greenwich

Date (Zone)	Begin Civil Twilight	Rise	Az.	Transit Alt.	Set	Az.	End Civil Twilight
	h m	h m °		h m °	h m °		h m
2025 Jan 01 (Wed)	06:20	06:44 114		12:17 50S	17:50 246		18:13
2025 Jan 02 (Thu)	06:20	06:44 114		12:17 50S	17:51 246		18:14
2025 Jan 03 (Fri)	06:21	06:44 114		12:18 50S	17:51 246		18:15
2025 Jan 04 (Sat)	06:21	06:45 114		12:18 50S	17:52 246		18:15
2025 Jan 05 (Sun)	06:21	06:45 113		12:19 51S	17:52 247		18:16
2025 Jan 06 (Mon)	06:22	06:45 113		12:19 51S	17:53 247		18:16
2025 Jan 07 (Tue)	06:22	06:45 113		12:19 51S	17:54 247		18:17
2025 Jan 08 (Wed)	06:22	06:46 113		12:20 51S	17:54 247		18:18
2025 Jan 09 (Thu)	06:22	06:46 113		12:20 51S	17:55 247		18:18
2025 Jan 10 (Fri)	06:23	06:46 113		12:21 51S	17:55 247		18:19
2025 Jan 11 (Sat)	06:23	06:46 113		12:21 51S	17:56 247		18:19
2025 Jan 12 (Sun)	06:23	06:46 112		12:21 52S	17:57 248		18:20
2025 Jan 13 (Mon)	06:23	06:47 112		12:22 52S	17:57 248		18:21
2025 Jan 14 (Tue)	06:23	06:47 112		12:22 52S	17:58 248		18:21
2025 Jan 15 (Wed)	06:24	06:47 112		12:23 52S	17:59 248		18:22
2025 Jan 16 (Thu)	06:24	06:47 112		12:23 52S	17:59 248		18:22
2025 Jan 17 (Fri)	06:24	06:47 112		12:23 52S	18:00 249		18:23
2025 Jan 18 (Sat)	06:24	06:47 111		12:24 53S	18:00 249		18:23
2025 Jan 19 (Sun)	06:24	06:47 111		12:24 53S	18:01 249		18:24
2025 Jan 20 (Mon)	06:24	06:47 111		12:24 53S	18:02 249		18:25
2025 Jan 21 (Tue)	06:24	06:47 111		12:24 53S	18:02 249		18:25
2025 Jan 22 (Wed)	06:24	06:47 110		12:25 54S	18:03 250		18:26
2025 Jan 23 (Thu)	06:24	06:47 110		12:25 54S	18:03 250		18:26
2025 Jan 24 (Fri)	06:24	06:47 110		12:25 54S	18:04 250		18:27
2025 Jan 25 (Sat)	06:24	06:47 110		12:25 54S	18:05 250		18:27
2025 Jan 26 (Sun)	06:24	06:46 109		12:26 55S	18:05 251		18:28
2025 Jan 27 (Mon)	06:24	06:46 109		12:26 55S	18:06 251		18:28
2025 Jan 28 (Tue)	06:23	06:46 109		12:26 55S	18:06 251		18:29
2025 Jan 29 (Wed)	06:23	06:46 109		12:26 55S	18:07 252		18:29
2025 Jan 30 (Thu)	06:23	06:46 108		12:26 56S	18:07 252		18:30
2025 Jan 31 (Fri)	06:23	06:46 108		12:27 56S	18:08 252		18:30
2025 Feb 01 (Sat)	06:23	06:45 108		12:27 56S	18:08 252		18:31
2025 Feb 02 (Sun)	06:22	06:45 107		12:27 56S	18:09 253		18:31
2025 Feb 03 (Mon)	06:22	06:45 107		12:27 57S	18:09 253		18:32
2025 Feb 04 (Tue)	06:22	06:44 107		12:27 57S	18:10 253		18:32
2025 Feb 05 (Wed)	06:22	06:44 106		12:27 57S	18:10 254		18:33
2025 Feb 06 (Thu)	06:21	06:44 106		12:27 58S	18:11 254		18:33
2025 Feb 07 (Fri)	06:21	06:43 106		12:27 58S	18:11 254		18:34
2025 Feb 08 (Sat)	06:21	06:43 105		12:27 58S	18:12 255		18:34
2025 Feb 09 (Sun)	06:20	06:43 105		12:27 59S	18:12 255		18:35
2025 Feb 10 (Mon)	06:20	06:42 105		12:27 59S	18:13 255		18:35
2025 Feb 11 (Tue)	06:20	06:42 104		12:27 59S	18:13 256		18:35

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

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

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

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

2025	Nov	27	(Thu)	06:02	06:25	112	12:01	52S	17:36	248	18:00
2025	Nov	28	(Fri)	06:02	06:26	112	12:01	52S	17:37	248	18:00
2025	Nov	29	(Sat)	06:03	06:26	112	12:01	52S	17:37	248	18:00
2025	Nov	30	(Sun)	06:03	06:27	112	12:02	52S	17:37	247	18:00
2025	Dec	01	(Mon)	06:04	06:27	113	12:02	51S	17:37	247	18:00
2025	Dec	02	(Tue)	06:05	06:28	113	12:03	51S	17:37	247	18:00
2025	Dec	03	(Wed)	06:05	06:29	113	12:03	51S	17:37	247	18:01
2025	Dec	04	(Thu)	06:06	06:29	113	12:03	51S	17:38	247	18:01
2025	Dec	05	(Fri)	06:06	06:30	113	12:04	51S	17:38	247	18:01
2025	Dec	06	(Sat)	06:07	06:30	113	12:04	51S	17:38	247	18:01
2025	Dec	07	(Sun)	06:07	06:31	113	12:05	51S	17:38	246	18:02
2025	Dec	08	(Mon)	06:08	06:31	114	12:05	50S	17:39	246	18:02
2025	Dec	09	(Tue)	06:09	06:32	114	12:05	50S	17:39	246	18:02
2025	Dec	10	(Wed)	06:09	06:33	114	12:06	50S	17:39	246	18:03
2025	Dec	11	(Thu)	06:10	06:33	114	12:06	50S	17:39	246	18:03
2025	Dec	12	(Fri)	06:10	06:34	114	12:07	50S	17:40	246	18:03
2025	Dec	13	(Sat)	06:11	06:34	114	12:07	50S	17:40	246	18:04
2025	Dec	14	(Sun)	06:11	06:35	114	12:08	50S	17:41	246	18:04
2025	Dec	15	(Mon)	06:12	06:36	114	12:08	50S	17:41	246	18:05
2025	Dec	16	(Tue)	06:12	06:36	114	12:09	50S	17:41	246	18:05
2025	Dec	17	(Wed)	06:13	06:37	114	12:09	50S	17:42	246	18:05
2025	Dec	18	(Thu)	06:14	06:37	114	12:10	50S	17:42	246	18:06
2025	Dec	19	(Fri)	06:14	06:38	114	12:10	50S	17:43	246	18:06
2025	Dec	20	(Sat)	06:15	06:38	114	12:11	50S	17:43	246	18:07
2025	Dec	21	(Sun)	06:15	06:39	114	12:11	50S	17:44	246	18:07
2025	Dec	22	(Mon)	06:16	06:39	114	12:12	50S	17:44	246	18:08
2025	Dec	23	(Tue)	06:16	06:40	114	12:12	50S	17:45	246	18:08
2025	Dec	24	(Wed)	06:17	06:40	114	12:13	50S	17:45	246	18:09
2025	Dec	25	(Thu)	06:17	06:41	114	12:13	50S	17:46	246	18:09
2025	Dec	26	(Fri)	06:17	06:41	114	12:14	50S	17:46	246	18:10
2025	Dec	27	(Sat)	06:18	06:42	114	12:14	50S	17:47	246	18:10
2025	Dec	28	(Sun)	06:18	06:42	114	12:15	50S	17:47	246	18:11
2025	Dec	29	(Mon)	06:19	06:42	114	12:15	50S	17:48	246	18:12
2025	Dec	30	(Tue)	06:19	06:43	114	12:16	50S	17:49	246	18:12
2025	Dec	31	(Wed)	06:20	06:43	114	12:16	50S	17:49	246	18:13

Moon

Loei

Location: E101°42'17.9", N17°31'22.7", 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)	07:54	117		13:31	47S		19:10	244	
2025	Jan	02 (Thu)	08:43	113		14:25	52S		20:11	249	
2025	Jan	03 (Fri)	09:28	108		15:17	57S		21:10	255	
2025	Jan	04 (Sat)	10:09	101		16:06	63S		22:07	262	
2025	Jan	05 (Sun)	10:48	95		16:53	70S		23:03	269	
2025	Jan	06 (Mon)	11:26	87		17:41	77S		24:00	276	
2025	Jan	07 (Tue)	12:05	80		18:29	84S				
2025	Jan	08 (Wed)	12:46	74		19:20	90S		00:57	283	
2025	Jan	09 (Thu)	13:32	68		20:14	86N		01:58	290	
2025	Jan	10 (Fri)	14:22	63		21:12	82N		03:00	295	
2025	Jan	11 (Sat)	15:18	61		22:13	80N		04:05	298	
2025	Jan	12 (Sun)	16:19	60		23:14	80N		05:09	300	
2025	Jan	13 (Mon)	17:21	62					06:09	299	
2025	Jan	14 (Tue)	18:22	65		00:14	82N		07:04	297	
2025	Jan	15 (Wed)	19:21	69		01:09	85N		07:51	293	
2025	Jan	16 (Thu)	20:15	75		01:59	90N		08:33	288	
2025	Jan	17 (Fri)	21:06	81		02:45	86S		09:11	282	
2025	Jan	18 (Sat)	21:54	87		03:27	80S		09:45	276	
2025	Jan	19 (Sun)	22:41	93		04:08	74S		10:17	270	
2025	Jan	20 (Mon)	23:28	99		04:47	68S		10:49	264	
2025	Jan	21 (Tue)				05:26	63S		11:21	258	
2025	Jan	22 (Wed)	00:16	105		06:07	57S		11:55	253	
2025	Jan	23 (Thu)	01:06	110		06:51	53S		12:33	248	
2025	Jan	24 (Fri)	01:58	114		07:38	49S		13:15	244	
2025	Jan	25 (Sat)	02:53	118		08:28	46S		14:02	241	

2025	Jan	26	(Sun)	03:50	120	09:23	44S	14:56	240
2025	Jan	27	(Mon)	04:47	120	10:20	44S	15:54	240
2025	Jan	28	(Tue)	05:43	118	11:18	46S	16:55	243
2025	Jan	29	(Wed)	06:34	115	12:14	50S	17:57	247
2025	Jan	30	(Thu)	07:22	110	13:09	55S	18:59	253
2025	Jan	31	(Fri)	08:06	104	14:00	61S	19:58	259
2025	Feb	01	(Sat)	08:46	97	14:49	68S	20:57	267
2025	Feb	02	(Sun)	09:25	90	15:37	75S	21:54	274
2025	Feb	03	(Mon)	10:05	82	16:26	82S	22:52	281
2025	Feb	04	(Tue)	10:46	75	17:16	89S	23:52	288
2025	Feb	05	(Wed)	11:30	69	18:10	87N		
2025	Feb	06	(Thu)	12:18	64	19:06	83N	00:54	294
2025	Feb	07	(Fri)	13:12	61	20:05	80N	01:57	298
2025	Feb	08	(Sat)	14:10	60	21:05	79N	03:00	300
2025	Feb	09	(Sun)	15:10	61	22:04	81N	04:00	300
2025	Feb	10	(Mon)	16:11	63	23:00	84N	04:56	298
2025	Feb	11	(Tue)	17:09	67	23:51	88N	05:45	295
2025	Feb	12	(Wed)	18:05	72			06:29	290
2025	Feb	13	(Thu)	18:57	78	00:38	89S	07:07	285
2025	Feb	14	(Fri)	19:46	84	01:22	83S	07:43	279
2025	Feb	15	(Sat)	20:34	91	02:03	77S	08:16	272
2025	Feb	16	(Sun)	21:21	97	02:43	71S	08:47	266
2025	Feb	17	(Mon)	22:09	103	03:22	65S	09:19	260
2025	Feb	18	(Tue)	22:57	108	04:02	59S	09:53	255
2025	Feb	19	(Wed)	23:48	113	04:45	54S	10:29	250
2025	Feb	20	(Thu)			05:30	50S	11:08	245
2025	Feb	21	(Fri)	00:42	117	06:18	47S	11:53	242
2025	Feb	22	(Sat)	01:37	119	07:10	44S	12:42	240
2025	Feb	23	(Sun)	02:33	120	08:05	44S	13:37	240
2025	Feb	24	(Mon)	03:28	120	09:02	45S	14:37	241
2025	Feb	25	(Tue)	04:21	117	09:59	48S	15:38	245
2025	Feb	26	(Wed)	05:11	113	10:54	52S	16:40	250
2025	Feb	27	(Thu)	05:56	107	11:47	58S	17:42	256
2025	Feb	28	(Fri)	06:39	100	12:38	65S	18:42	263
2025	Mar	01	(Sat)	07:20	93	13:28	72S	19:41	271
2025	Mar	02	(Sun)	08:00	85	14:18	80S	20:41	279
2025	Mar	03	(Mon)	08:42	78	15:10	87S	21:43	286
2025	Mar	04	(Tue)	09:26	71	16:04	89N	22:46	292
2025	Mar	05	(Wed)	10:14	66	17:00	84N	23:50	297
2025	Mar	06	(Thu)	11:07	62	18:00	81N		
2025	Mar	07	(Fri)	12:04	60	19:00	79N	00:54	299
2025	Mar	08	(Sat)	13:04	60	19:59	80N	01:56	300
2025	Mar	09	(Sun)	14:04	62	20:55	82N	02:52	299
2025	Mar	10	(Mon)	15:03	66	21:47	86N	03:43	296
2025	Mar	11	(Tue)	15:58	70	22:35	90S	04:27	292
2025	Mar	12	(Wed)	16:51	76	23:19	85S	05:07	287
2025	Mar	13	(Thu)	17:41	82			05:43	281
2025	Mar	14	(Fri)	18:29	88	00:00	79S	06:16	275
2025	Mar	15	(Sat)	19:16	95	00:40	73S	06:48	269
2025	Mar	16	(Sun)	20:03	101	01:20	67S	07:20	262
2025	Mar	17	(Mon)	20:51	106	01:59	61S	07:52	257
2025	Mar	18	(Tue)	21:41	111	02:41	56S	08:27	251
2025	Mar	19	(Wed)	22:33	115	03:25	51S	09:05	247
2025	Mar	20	(Thu)	23:27	118	04:11	48S	09:47	243
2025	Mar	21	(Fri)			05:01	45S	10:34	241
2025	Mar	22	(Sat)	00:22	120	05:54	44S	11:26	240
2025	Mar	23	(Sun)	01:17	120	06:49	44S	12:22	240
2025	Mar	24	(Mon)	02:10	118	07:44	46S	13:21	243
2025	Mar	25	(Tue)	02:59	115	08:39	50S	14:21	247
2025	Mar	26	(Wed)	03:46	110	09:32	55S	15:22	253
2025	Mar	27	(Thu)	04:29	104	10:23	61S	16:22	259
2025	Mar	28	(Fri)	05:10	97	11:14	68S	17:22	267
2025	Mar	29	(Sat)	05:51	89	12:04	76S	18:22	275
2025	Mar	30	(Sun)	06:33	81	12:56	83S	19:24	283
2025	Mar	31	(Mon)	07:17	74	13:50	90S	20:29	289
2025	Apr	01	(Tue)	08:05	68	14:48	86N	21:35	295
2025	Apr	02	(Wed)	08:58	63	15:49	82N	22:42	299
2025	Apr	03	(Thu)	09:56	60	16:51	80N	23:47	300
2025	Apr	04	(Fri)	10:57	60	17:52	80N		
2025	Apr	05	(Sat)	11:58	61	18:51	81N	00:47	300
2025	Apr	06	(Sun)	12:58	64	19:44	85N	01:40	297
2025	Apr	07	(Mon)	13:54	69	20:33	89N	02:27	293

2025 Apr 08 (Tue)	14:47 74	21:18 87S	03:08 288
2025 Apr 09 (Wed)	15:38 80	22:00 81S	03:44 283
2025 Apr 10 (Thu)	16:25 86	22:40 75S	04:18 277
2025 Apr 11 (Fri)	17:12 93	23:19 69S	04:50 271
2025 Apr 12 (Sat)	17:59 99	23:58 63S	05:21 264
2025 Apr 13 (Sun)	18:47 104		05:54 259
2025 Apr 14 (Mon)	19:37 110	00:39 58S	06:28 253
2025 Apr 15 (Tue)	20:28 114	01:22 53S	07:04 248
2025 Apr 16 (Wed)	21:21 117	02:08 49S	07:45 244
2025 Apr 17 (Thu)	22:16 120	02:57 46S	08:30 241
2025 Apr 18 (Fri)	23:10 120	03:48 44S	09:20 240
2025 Apr 19 (Sat)		04:42 44S	10:14 240
2025 Apr 20 (Sun)	00:02 119	05:36 45S	11:11 242
2025 Apr 21 (Mon)	00:52 117	06:29 48S	12:09 245
2025 Apr 22 (Tue)	01:38 112	07:21 52S	13:07 250
2025 Apr 23 (Wed)	02:21 107	08:11 58S	14:05 256
2025 Apr 24 (Thu)	03:02 100	09:00 65S	15:03 263
2025 Apr 25 (Fri)	03:41 93	09:49 72S	16:02 271
2025 Apr 26 (Sat)	04:22 85	10:40 79S	17:03 278
2025 Apr 27 (Sun)	05:04 78	11:33 86S	18:06 286
2025 Apr 28 (Mon)	05:51 71	12:29 88N	19:13 292
2025 Apr 29 (Tue)	06:43 65	13:30 83N	20:21 297
2025 Apr 30 (Wed)	07:40 62	14:34 80N	21:30 300
2025 May 01 (Thu)	08:42 60	15:38 79N	22:35 300
2025 May 02 (Fri)	09:46 61	16:40 81N	23:33 298
2025 May 03 (Sat)	10:49 63	17:38 84N	
2025 May 04 (Sun)	11:48 67	18:29 88N	00:23 295
2025 May 05 (Mon)	12:43 73	19:16 88S	01:07 290
2025 May 06 (Tue)	13:34 78	19:59 83S	01:45 284
2025 May 07 (Wed)	14:23 84	20:39 77S	02:20 279
2025 May 08 (Thu)	15:10 91	21:19 71S	02:52 272
2025 May 09 (Fri)	15:57 97	21:58 65S	03:23 266
2025 May 10 (Sat)	16:44 103	22:38 60S	03:55 260
2025 May 11 (Sun)	17:33 108	23:20 54S	04:29 255
2025 May 12 (Mon)	18:24 113		05:05 250
2025 May 13 (Tue)	19:16 116	00:05 50S	05:44 245
2025 May 14 (Wed)	20:11 119	00:53 47S	06:28 242
2025 May 15 (Thu)	21:05 120	01:44 45S	07:17 240
2025 May 16 (Fri)	21:58 119	02:37 44S	08:09 240
2025 May 17 (Sat)	22:48 117	03:31 45S	09:05 241
2025 May 18 (Sun)	23:35 114	04:24 47S	10:02 244
2025 May 19 (Mon)		05:16 51S	11:00 248
2025 May 20 (Tue)	00:18 109	06:05 56S	11:56 254
2025 May 21 (Wed)	00:58 103	06:53 62S	12:52 260
2025 May 22 (Thu)	01:36 96	07:40 69S	13:48 268
2025 May 23 (Fri)	02:15 89	08:28 76S	14:46 275
2025 May 24 (Sat)	02:55 81	09:18 83S	15:46 282
2025 May 25 (Sun)	03:38 74	10:11 90S	16:50 289
2025 May 26 (Mon)	04:27 68	11:10 86N	17:57 295
2025 May 27 (Tue)	05:21 63	12:12 82N	19:06 298
2025 May 28 (Wed)	06:22 61	13:18 80N	20:15 300
2025 May 29 (Thu)	07:27 60	14:23 80N	21:17 299
2025 May 30 (Fri)	08:32 62	15:24 82N	22:13 296
2025 May 31 (Sat)	09:35 66	16:20 86N	23:01 292
2025 Jun 01 (Sun)	10:33 71	17:10 90S	23:42 286
2025 Jun 02 (Mon)	11:27 76	17:55 85S	
2025 Jun 03 (Tue)	12:18 82	18:37 79S	00:19 281
2025 Jun 04 (Wed)	13:06 89	19:17 73S	00:52 274
2025 Jun 05 (Thu)	13:53 95	19:56 67S	01:24 268
2025 Jun 06 (Fri)	14:40 101	20:36 61S	01:56 262
2025 Jun 07 (Sat)	15:28 106	21:18 56S	02:29 257
2025 Jun 08 (Sun)	16:18 111	22:02 51S	03:04 251
2025 Jun 09 (Mon)	17:11 115	22:49 48S	03:43 247
2025 Jun 10 (Tue)	18:05 118	23:39 45S	04:25 243
2025 Jun 11 (Wed)	19:00 120		05:13 241
2025 Jun 12 (Thu)	19:54 120	00:32 44S	06:05 240
2025 Jun 13 (Fri)	20:45 118	01:27 45S	07:00 241
2025 Jun 14 (Sat)	21:33 115	02:21 47S	07:58 243
2025 Jun 15 (Sun)	22:17 110	03:13 50S	08:55 247
2025 Jun 16 (Mon)	22:57 105	04:03 55S	09:52 252
2025 Jun 17 (Tue)	23:36 98	04:50 60S	10:47 259
2025 Jun 18 (Wed)		05:37 67S	11:42 265

2025 Jun 19 (Thu)	00:13 91	06:23 74S	12:37 272
2025 Jun 20 (Fri)	00:51 84	07:10 81S	13:34 280
2025 Jun 21 (Sat)	01:32 77	08:00 87S	14:34 287
2025 Jun 22 (Sun)	02:16 71	08:55 88N	15:38 292
2025 Jun 23 (Mon)	03:06 65	09:54 83N	16:45 297
2025 Jun 24 (Tue)	04:03 62	10:57 80N	17:53 299
2025 Jun 25 (Wed)	05:06 60	12:02 80N	18:59 300
2025 Jun 26 (Thu)	06:12 61	13:06 81N	19:58 298
2025 Jun 27 (Fri)	07:17 64	14:05 84N	20:50 294
2025 Jun 28 (Sat)	08:19 68	14:59 89N	21:35 289
2025 Jun 29 (Sun)	09:16 74	15:47 87S	22:15 283
2025 Jun 30 (Mon)	10:09 80	16:32 81S	22:50 277
2025 Jul 01 (Tue)	10:59 86	17:13 75S	23:23 270
2025 Jul 02 (Wed)	11:47 93	17:53 69S	23:56 264
2025 Jul 03 (Thu)	12:34 99	18:33 63S	
2025 Jul 04 (Fri)	13:22 105	19:14 58S	00:28 258
2025 Jul 05 (Sat)	14:12 110	19:57 53S	01:03 253
2025 Jul 06 (Sun)	15:03 114	20:43 49S	01:40 248
2025 Jul 07 (Mon)	15:57 117	21:33 46S	02:21 244
2025 Jul 08 (Tue)	16:52 119	22:25 44S	03:06 242
2025 Jul 09 (Wed)	17:47 120	23:19 44S	03:57 240
2025 Jul 10 (Thu)	18:40 119		04:52 240
2025 Jul 11 (Fri)	19:30 116	00:14 46S	05:50 242
2025 Jul 12 (Sat)	20:15 112	01:08 49S	06:48 246
2025 Jul 13 (Sun)	20:57 106	01:59 53S	07:46 251
2025 Jul 14 (Mon)	21:36 100	02:48 59S	08:43 257
2025 Jul 15 (Tue)	22:14 93	03:35 65S	09:38 263
2025 Jul 16 (Wed)	22:52 86	04:21 72S	10:33 271
2025 Jul 17 (Thu)	23:30 79	05:08 79S	11:29 278
2025 Jul 18 (Fri)		05:56 85S	12:27 285
2025 Jul 19 (Sat)	00:12 72	06:48 90N	13:28 291
2025 Jul 20 (Sun)	00:59 67	07:43 85N	14:32 296
2025 Jul 21 (Mon)	01:52 63	08:44 81N	15:38 299
2025 Jul 22 (Tue)	02:51 60	09:47 80N	16:43 300
2025 Jul 23 (Wed)	03:54 60	10:50 80N	17:44 299
2025 Jul 24 (Thu)	04:59 62	11:51 83N	18:39 296
2025 Jul 25 (Fri)	06:02 66	12:47 87N	19:27 291
2025 Jul 26 (Sat)	07:02 71	13:38 90S	20:09 286
2025 Jul 27 (Sun)	07:57 77	14:24 84S	20:46 279
2025 Jul 28 (Mon)	08:49 84	15:07 77S	21:21 273
2025 Jul 29 (Tue)	09:39 90	15:48 71S	21:54 267
2025 Jul 30 (Wed)	10:27 96	16:29 65S	22:26 261
2025 Jul 31 (Thu)	11:15 102	17:09 60S	23:00 255
2025 Aug 01 (Fri)	12:04 108	17:52 55S	23:36 250
2025 Aug 02 (Sat)	12:55 113	18:36 50S	
2025 Aug 03 (Sun)	13:47 116	19:24 47S	00:15 246
2025 Aug 04 (Mon)	14:42 119	20:15 45S	00:59 242
2025 Aug 05 (Tue)	15:37 120	21:09 44S	01:48 240
2025 Aug 06 (Wed)	16:31 120	22:04 45S	02:41 240
2025 Aug 07 (Thu)	17:22 117	22:58 47S	03:38 241
2025 Aug 08 (Fri)	18:10 114	23:51 51S	04:37 244
2025 Aug 09 (Sat)	18:54 108		05:36 249
2025 Aug 10 (Sun)	19:35 102	00:42 56S	06:34 254
2025 Aug 11 (Mon)	20:13 95	01:31 63S	07:31 261
2025 Aug 12 (Tue)	20:52 88	02:18 70S	08:27 268
2025 Aug 13 (Wed)	21:30 81	03:05 77S	09:24 276
2025 Aug 14 (Thu)	22:12 74	03:54 84S	10:21 283
2025 Aug 15 (Fri)	22:57 68	04:44 90S	11:22 289
2025 Aug 16 (Sat)	23:47 64	05:39 86N	12:25 294
2025 Aug 17 (Sun)		06:37 82N	13:29 298
2025 Aug 18 (Mon)	00:43 61	07:38 80N	14:34 300
2025 Aug 19 (Tue)	01:44 60	08:40 80N	15:35 300
2025 Aug 20 (Wed)	02:47 61	09:40 81N	16:31 297
2025 Aug 21 (Thu)	03:50 64	10:37 85N	17:20 293
2025 Aug 22 (Fri)	04:50 69	11:29 90N	18:04 288
2025 Aug 23 (Sat)	05:46 75	12:17 86S	18:43 282
2025 Aug 24 (Sun)	06:39 81	13:01 80S	19:18 276
2025 Aug 25 (Mon)	07:30 87	13:43 74S	19:52 269
2025 Aug 26 (Tue)	08:19 94	14:24 68S	20:25 263
2025 Aug 27 (Wed)	09:07 100	15:04 62S	20:58 257
2025 Aug 28 (Thu)	09:56 106	15:46 56S	21:33 252
2025 Aug 29 (Fri)	10:46 111	16:30 52S	22:11 247

2025 Aug 30 (Sat)	11:38 115	17:16 48S	22:53 243
2025 Aug 31 (Sun)	12:31 118	18:06 45S	23:39 241
2025 Sep 01 (Mon)	13:26 120	18:58 44S	
2025 Sep 02 (Tue)	14:19 120	19:51 44S	00:29 240
2025 Sep 03 (Wed)	15:11 119	20:46 46S	01:24 240
2025 Sep 04 (Thu)	16:00 116	21:39 49S	02:22 243
2025 Sep 05 (Fri)	16:46 111	22:31 54S	03:21 246
2025 Sep 06 (Sat)	17:28 105	23:21 60S	04:19 252
2025 Sep 07 (Sun)	18:09 98		05:17 258
2025 Sep 08 (Mon)	18:48 91	00:10 66S	06:15 265
2025 Sep 09 (Tue)	19:27 84	00:58 74S	07:13 273
2025 Sep 10 (Wed)	20:09 76	01:47 81S	08:12 280
2025 Sep 11 (Thu)	20:54 70	02:38 88S	09:13 287
2025 Sep 12 (Fri)	21:43 65	03:33 88N	10:17 293
2025 Sep 13 (Sat)	22:38 61	04:31 83N	11:22 297
2025 Sep 14 (Sun)	23:38 60	05:32 80N	12:27 300
2025 Sep 15 (Mon)		06:34 79N	13:30 300
2025 Sep 16 (Tue)	00:40 61	07:35 81N	14:27 298
2025 Sep 17 (Wed)	01:42 63	08:32 84N	15:17 295
2025 Sep 18 (Thu)	02:42 67	09:24 88N	16:02 290
2025 Sep 19 (Fri)	03:39 73	10:12 88S	16:41 284
2025 Sep 20 (Sat)	04:32 79	10:57 82S	17:17 278
2025 Sep 21 (Sun)	05:23 85	11:39 76S	17:51 272
2025 Sep 22 (Mon)	06:12 91	12:20 70S	18:24 265
2025 Sep 23 (Tue)	07:00 98	13:01 64S	18:57 259
2025 Sep 24 (Wed)	07:49 104	13:42 58S	19:31 254
2025 Sep 25 (Thu)	08:39 109	14:25 53S	20:08 249
2025 Sep 26 (Fri)	09:30 114	15:10 49S	20:48 245
2025 Sep 27 (Sat)	10:23 117	15:58 46S	21:32 242
2025 Sep 28 (Sun)	11:16 119	16:49 44S	22:21 240
2025 Sep 29 (Mon)	12:10 120	17:41 44S	23:13 240
2025 Sep 30 (Tue)	13:01 119	18:34 45S	
2025 Oct 01 (Wed)	13:51 117	19:27 48S	00:08 241
2025 Oct 02 (Thu)	14:37 113	20:18 52S	01:05 244
2025 Oct 03 (Fri)	15:20 108	21:08 57S	02:03 249
2025 Oct 04 (Sat)	16:00 102	21:57 63S	03:00 255
2025 Oct 05 (Sun)	16:40 95	22:45 70S	03:58 261
2025 Oct 06 (Mon)	17:19 87	23:35 77S	04:56 269
2025 Oct 07 (Tue)	18:01 80		05:55 277
2025 Oct 08 (Wed)	18:45 73	00:26 85S	06:56 284
2025 Oct 09 (Thu)	19:35 67	01:21 90N	08:01 291
2025 Oct 10 (Fri)	20:29 63	02:19 85N	09:08 296
2025 Oct 11 (Sat)	21:29 60	03:22 81N	10:16 299
2025 Oct 12 (Sun)	22:33 60	04:25 80N	11:22 300
2025 Oct 13 (Mon)	23:36 62	05:28 80N	12:22 299
2025 Oct 14 (Tue)		06:27 83N	13:15 296
2025 Oct 15 (Wed)	00:37 66	07:21 87N	14:02 291
2025 Oct 16 (Thu)	01:35 71	08:11 90S	14:42 286
2025 Oct 17 (Fri)	02:29 77	08:56 84S	15:19 280
2025 Oct 18 (Sat)	03:19 83	09:38 78S	15:53 274
2025 Oct 19 (Sun)	04:08 89	10:19 72S	16:25 268
2025 Oct 20 (Mon)	04:56 96	10:59 66S	16:58 261
2025 Oct 21 (Tue)	05:44 102	11:40 60S	17:32 256
2025 Oct 22 (Wed)	06:34 107	12:22 55S	18:07 250
2025 Oct 23 (Thu)	07:24 112	13:07 51S	18:46 246
2025 Oct 24 (Fri)	08:16 116	13:54 47S	19:29 243
2025 Oct 25 (Sat)	09:09 119	14:43 45S	20:16 241
2025 Oct 26 (Sun)	10:03 120	15:35 44S	21:06 240
2025 Oct 27 (Mon)	10:54 120	16:27 45S	22:00 241
2025 Oct 28 (Tue)	11:44 118	17:18 47S	22:55 243
2025 Oct 29 (Wed)	12:30 115	18:09 50S	23:51 247
2025 Oct 30 (Thu)	13:13 110	18:58 54S	
2025 Oct 31 (Fri)	13:53 105	19:45 60S	00:46 252
2025 Nov 01 (Sat)	14:32 98	20:33 67S	01:42 258
2025 Nov 02 (Sun)	15:10 91	21:20 74S	02:38 265
2025 Nov 03 (Mon)	15:50 84	22:10 81S	03:35 273
2025 Nov 04 (Tue)	16:33 76	23:03 88S	04:35 280
2025 Nov 05 (Wed)	17:20 70		05:38 287
2025 Nov 06 (Thu)	18:13 65	00:00 87N	06:45 293
2025 Nov 07 (Fri)	19:13 61	01:02 83N	07:55 298
2025 Nov 08 (Sat)	20:18 60	02:08 80N	09:05 300
2025 Nov 09 (Sun)	21:24 61	03:14 80N	10:10 299

2025 Nov 10 (Mon)	22:28 65	04:17 82N	11:08 297
2025 Nov 11 (Tue)	23:29 69	05:15 85N	11:58 293
2025 Nov 12 (Wed)		06:07 90N	12:42 288
2025 Nov 13 (Thu)	00:24 75	06:54 86S	13:20 282
2025 Nov 14 (Fri)	01:16 81	07:38 80S	13:55 276
2025 Nov 15 (Sat)	02:06 87	08:19 74S	14:27 269
2025 Nov 16 (Sun)	02:54 94	08:59 68S	15:00 263
2025 Nov 17 (Mon)	03:41 100	09:39 62S	15:33 257
2025 Nov 18 (Tue)	04:30 105	10:21 57S	16:08 252
2025 Nov 19 (Wed)	05:20 110	11:04 52S	16:46 247
2025 Nov 20 (Thu)	06:11 115	11:50 48S	17:27 244
2025 Nov 21 (Fri)	07:04 118	12:39 46S	18:13 241
2025 Nov 22 (Sat)	07:58 119	13:30 44S	19:02 240
2025 Nov 23 (Sun)	08:50 120	14:22 44S	19:55 241
2025 Nov 24 (Mon)	09:40 119	15:14 46S	20:49 243
2025 Nov 25 (Tue)	10:27 116	16:04 49S	21:44 246
2025 Nov 26 (Wed)	11:10 112	16:53 53S	22:39 250
2025 Nov 27 (Thu)	11:50 107	17:39 58S	23:33 256
2025 Nov 28 (Fri)	12:28 101	18:25 64S	
2025 Nov 29 (Sat)	13:05 94	19:10 71S	00:26 262
2025 Nov 30 (Sun)	13:42 87	19:57 77S	01:20 269
2025 Dec 01 (Mon)	14:22 80	20:46 84S	02:16 277
2025 Dec 02 (Tue)	15:05 73	21:40 91N	03:16 284
2025 Dec 03 (Wed)	15:55 67	22:39 85N	04:20 290
2025 Dec 04 (Thu)	16:51 63	23:44 81N	05:28 295
2025 Dec 05 (Fri)	17:54 61		06:39 299
2025 Dec 06 (Sat)	19:02 61	00:51 80N	07:48 300
2025 Dec 07 (Sun)	20:10 63	01:58 81N	08:52 298
2025 Dec 08 (Mon)	21:15 67	03:01 84N	09:47 295
2025 Dec 09 (Tue)	22:14 73	03:57 88N	10:35 290
2025 Dec 10 (Wed)	23:10 79	04:48 88S	11:17 284
2025 Dec 11 (Thu)		05:34 82S	11:54 278
2025 Dec 12 (Fri)	00:01 86	06:17 76S	12:28 271
2025 Dec 13 (Sat)	00:50 92	06:57 70S	13:01 265
2025 Dec 14 (Sun)	01:38 98	07:38 64S	13:34 259
2025 Dec 15 (Mon)	02:26 104	08:19 58S	14:08 254
2025 Dec 16 (Tue)	03:16 109	09:02 53S	14:45 249
2025 Dec 17 (Wed)	04:07 113	09:47 49S	15:25 245
2025 Dec 18 (Thu)	04:59 117	10:35 46S	16:10 242
2025 Dec 19 (Fri)	05:53 119	11:26 45S	16:58 240
2025 Dec 20 (Sat)	06:46 120	12:18 44S	17:50 240
2025 Dec 21 (Sun)	07:37 119	13:10 45S	18:45 242
2025 Dec 22 (Mon)	08:25 117	14:01 48S	19:40 245
2025 Dec 23 (Tue)	09:09 113	14:51 52S	20:35 249
2025 Dec 24 (Wed)	09:50 108	15:37 57S	21:29 254
2025 Dec 25 (Thu)	10:28 102	16:23 62S	22:21 261
2025 Dec 26 (Fri)	11:04 96	17:07 69S	23:14 267
2025 Dec 27 (Sat)	11:40 89	17:51 75S	
2025 Dec 28 (Sun)	12:17 83	18:38 82S	00:07 274
2025 Dec 29 (Mon)	12:57 76	19:28 88S	01:03 281
2025 Dec 30 (Tue)	13:42 70	20:22 87N	02:03 288
2025 Dec 31 (Wed)	14:33 65	21:22 83N	03:06 293