

Sun

Chiang Rai

Location: E 99°48'18.0", N19°51'18.0", 0m
(Longitude referred to Greenwich meridian)

Time Zone: 7h 00m east of Greenwich

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

2025	Mar	02	(Sun)	05:52	06:40	97	12:33	64S	18:26	263	19:14
2025	Mar	03	(Mon)	05:51	06:39	97	12:33	64S	18:27	263	19:14
2025	Mar	04	(Tue)	05:51	06:38	97	12:32	65S	18:27	264	19:15
2025	Mar	05	(Wed)	05:50	06:38	96	12:32	65S	18:27	264	19:15
2025	Mar	06	(Thu)	05:49	06:37	96	12:32	65S	18:28	264	19:15
2025	Mar	07	(Fri)	05:48	06:36	95	12:32	66S	18:28	265	19:15
2025	Mar	08	(Sat)	05:48	06:35	95	12:32	66S	18:28	265	19:16
2025	Mar	09	(Sun)	05:47	06:34	94	12:31	66S	18:29	266	19:16
2025	Mar	10	(Mon)	05:46	06:33	94	12:31	67S	18:29	266	19:16
2025	Mar	11	(Tue)	05:45	06:33	94	12:31	67S	18:29	267	19:17
2025	Mar	12	(Wed)	05:44	06:32	93	12:31	68S	18:29	267	19:17
2025	Mar	13	(Thu)	05:44	06:31	93	12:30	68S	18:30	267	19:17
2025	Mar	14	(Fri)	05:43	06:30	92	12:30	68S	18:30	268	19:18
2025	Mar	15	(Sat)	05:42	06:29	92	12:30	69S	18:30	268	19:18
2025	Mar	16	(Sun)	05:41	06:28	92	12:29	69S	18:31	269	19:18
2025	Mar	17	(Mon)	05:40	06:28	91	12:29	70S	18:31	269	19:18
2025	Mar	18	(Tue)	05:39	06:27	91	12:29	70S	18:31	270	19:19
2025	Mar	19	(Wed)	05:38	06:26	90	12:29	70S	18:31	270	19:19
2025	Mar	20	(Thu)	05:37	06:25	90	12:28	71S	18:32	270	19:19
2025	Mar	21	(Fri)	05:37	06:24	89	12:28	71S	18:32	271	19:20
2025	Mar	22	(Sat)	05:36	06:23	89	12:28	72S	18:32	271	19:20
2025	Mar	23	(Sun)	05:35	06:22	89	12:27	72S	18:33	272	19:20
2025	Mar	24	(Mon)	05:34	06:22	88	12:27	72S	18:33	272	19:20
2025	Mar	25	(Tue)	05:33	06:21	88	12:27	73S	18:33	272	19:21
2025	Mar	26	(Wed)	05:32	06:20	87	12:26	73S	18:33	273	19:21
2025	Mar	27	(Thu)	05:31	06:19	87	12:26	74S	18:34	273	19:21
2025	Mar	28	(Fri)	05:30	06:18	87	12:26	74S	18:34	274	19:22
2025	Mar	29	(Sat)	05:29	06:17	86	12:26	74S	18:34	274	19:22
2025	Mar	30	(Sun)	05:29	06:16	86	12:25	75S	18:34	275	19:22
2025	Mar	31	(Mon)	05:28	06:15	85	12:25	75S	18:35	275	19:23
2025	Apr	01	(Tue)	05:27	06:15	85	12:25	75S	18:35	275	19:23
2025	Apr	02	(Wed)	05:26	06:14	84	12:24	76S	18:35	276	19:23
2025	Apr	03	(Thu)	05:25	06:13	84	12:24	76S	18:36	276	19:24
2025	Apr	04	(Fri)	05:24	06:12	84	12:24	77S	18:36	277	19:24
2025	Apr	05	(Sat)	05:23	06:11	83	12:23	77S	18:36	277	19:24
2025	Apr	06	(Sun)	05:22	06:10	83	12:23	77S	18:36	277	19:24
2025	Apr	07	(Mon)	05:21	06:10	82	12:23	78S	18:37	278	19:25
2025	Apr	08	(Tue)	05:20	06:09	82	12:23	78S	18:37	278	19:25
2025	Apr	09	(Wed)	05:20	06:08	82	12:22	79S	18:37	279	19:26
2025	Apr	10	(Thu)	05:19	06:07	81	12:22	79S	18:37	279	19:26
2025	Apr	11	(Fri)	05:18	06:06	81	12:22	79S	18:38	279	19:26
2025	Apr	12	(Sat)	05:17	06:05	80	12:22	80S	18:38	280	19:27
2025	Apr	13	(Sun)	05:16	06:05	80	12:21	80S	18:38	280	19:27
2025	Apr	14	(Mon)	05:15	06:04	80	12:21	80S	18:39	281	19:27
2025	Apr	15	(Tue)	05:14	06:03	79	12:21	81S	18:39	281	19:28
2025	Apr	16	(Wed)	05:13	06:02	79	12:21	81S	18:39	281	19:28
2025	Apr	17	(Thu)	05:13	06:01	79	12:20	81S	18:39	282	19:28
2025	Apr	18	(Fri)	05:12	06:01	78	12:20	82S	18:40	282	19:29
2025	Apr	19	(Sat)	05:11	06:00	78	12:20	82S	18:40	282	19:29
2025	Apr	20	(Sun)	05:10	05:59	77	12:20	82S	18:40	283	19:30
2025	Apr	21	(Mon)	05:09	05:59	77	12:19	83S	18:41	283	19:30
2025	Apr	22	(Tue)	05:09	05:58	77	12:19	83S	18:41	283	19:30
2025	Apr	23	(Wed)	05:08	05:57	76	12:19	83S	18:41	284	19:31
2025	Apr	24	(Thu)	05:07	05:56	76	12:19	84S	18:42	284	19:31
2025	Apr	25	(Fri)	05:06	05:56	76	12:19	84S	18:42	285	19:32
2025	Apr	26	(Sat)	05:05	05:55	75	12:19	84S	18:42	285	19:32
2025	Apr	27	(Sun)	05:05	05:54	75	12:18	85S	18:43	285	19:33
2025	Apr	28	(Mon)	05:04	05:54	75	12:18	85S	18:43	286	19:33
2025	Apr	29	(Tue)	05:03	05:53	74	12:18	85S	18:43	286	19:33
2025	Apr	30	(Wed)	05:02	05:53	74	12:18	86S	18:44	286	19:34
2025	May	01	(Thu)	05:02	05:52	74	12:18	86S	18:44	287	19:34
2025	May	02	(Fri)	05:01	05:51	73	12:18	86S	18:44	287	19:35
2025	May	03	(Sat)	05:00	05:51	73	12:18	87S	18:45	287	19:35
2025	May	04	(Sun)	05:00	05:50	73	12:18	87S	18:45	287	19:36
2025	May	05	(Mon)	04:59	05:50	72	12:17	87S	18:46	288	19:36
2025	May	06	(Tue)	04:58	05:49	72	12:17	87S	18:46	288	19:37
2025	May	07	(Wed)	04:58	05:49	72	12:17	88S	18:46	288	19:37
2025	May	08	(Thu)	04:57	05:48	71	12:17	88S	18:47	289	19:38
2025	May	09	(Fri)	04:57	05:48	71	12:17	88S	18:47	289	19:38
2025	May	10	(Sat)	04:56	05:47	71	12:17	89S	18:47	289	19:39
2025	May	11	(Sun)	04:56	05:47	71	12:17	89S	18:48	290	19:39
2025	May	12	(Mon)	04:55	05:46	70	12:17	89S	18:48	290	19:40

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

2025	Jul	24	(Thu)	05:02	05:54	69	12:27	91S	19:01	291	19:53
2025	Jul	25	(Fri)	05:02	05:54	69	12:27	90S	19:01	291	19:52
2025	Jul	26	(Sat)	05:03	05:54	69	12:27	90S	19:00	291	19:52
2025	Jul	27	(Sun)	05:03	05:55	69	12:27	90S	19:00	291	19:51
2025	Jul	28	(Mon)	05:03	05:55	69	12:27	90S	18:59	290	19:51
2025	Jul	29	(Tue)	05:04	05:55	70	12:27	90S	18:59	290	19:50
2025	Jul	30	(Wed)	05:04	05:56	70	12:27	89S	18:59	290	19:50
2025	Jul	31	(Thu)	05:05	05:56	70	12:27	89S	18:58	290	19:49
2025	Aug	01	(Fri)	05:05	05:56	70	12:27	89S	18:58	289	19:49
2025	Aug	02	(Sat)	05:06	05:57	71	12:27	89S	18:57	289	19:48
2025	Aug	03	(Sun)	05:06	05:57	71	12:27	88S	18:57	289	19:48
2025	Aug	04	(Mon)	05:07	05:58	71	12:27	88S	18:56	289	19:47
2025	Aug	05	(Tue)	05:07	05:58	72	12:27	88S	18:56	288	19:46
2025	Aug	06	(Wed)	05:07	05:58	72	12:27	87S	18:55	288	19:46
2025	Aug	07	(Thu)	05:08	05:59	72	12:27	87S	18:54	288	19:45
2025	Aug	08	(Fri)	05:08	05:59	73	12:26	87S	18:54	287	19:44
2025	Aug	09	(Sat)	05:09	05:59	73	12:26	87S	18:53	287	19:44
2025	Aug	10	(Sun)	05:09	05:59	73	12:26	86S	18:53	287	19:43
2025	Aug	11	(Mon)	05:10	06:00	73	12:26	86S	18:52	286	19:42
2025	Aug	12	(Tue)	05:10	06:00	74	12:26	86S	18:51	286	19:41
2025	Aug	13	(Wed)	05:10	06:00	74	12:26	85S	18:51	286	19:41
2025	Aug	14	(Thu)	05:11	06:01	74	12:25	85S	18:50	285	19:40
2025	Aug	15	(Fri)	05:11	06:01	75	12:25	85S	18:49	285	19:39
2025	Aug	16	(Sat)	05:11	06:01	75	12:25	85S	18:49	285	19:38
2025	Aug	17	(Sun)	05:12	06:02	75	12:25	84S	18:48	284	19:38
2025	Aug	18	(Mon)	05:12	06:02	76	12:25	84S	18:47	284	19:37
2025	Aug	19	(Tue)	05:13	06:02	76	12:24	84S	18:47	284	19:36
2025	Aug	20	(Wed)	05:13	06:02	76	12:24	83S	18:46	283	19:35
2025	Aug	21	(Thu)	05:13	06:03	77	12:24	83S	18:45	283	19:34
2025	Aug	22	(Fri)	05:14	06:03	77	12:24	83S	18:44	283	19:33
2025	Aug	23	(Sat)	05:14	06:03	78	12:23	82S	18:43	282	19:33
2025	Aug	24	(Sun)	05:14	06:03	78	12:23	82S	18:43	282	19:32
2025	Aug	25	(Mon)	05:15	06:04	78	12:23	82S	18:42	282	19:31
2025	Aug	26	(Tue)	05:15	06:04	79	12:23	81S	18:41	281	19:30
2025	Aug	27	(Wed)	05:15	06:04	79	12:22	81S	18:40	281	19:29
2025	Aug	28	(Thu)	05:16	06:04	79	12:22	80S	18:39	280	19:28
2025	Aug	29	(Fri)	05:16	06:05	80	12:22	80S	18:39	280	19:27
2025	Aug	30	(Sat)	05:16	06:05	80	12:21	80S	18:38	280	19:26
2025	Aug	31	(Sun)	05:17	06:05	81	12:21	79S	18:37	279	19:25
2025	Sep	01	(Mon)	05:17	06:05	81	12:21	79S	18:36	279	19:24
2025	Sep	02	(Tue)	05:17	06:06	81	12:21	79S	18:35	279	19:24
2025	Sep	03	(Wed)	05:17	06:06	82	12:20	78S	18:34	278	19:23
2025	Sep	04	(Thu)	05:18	06:06	82	12:20	78S	18:33	278	19:22
2025	Sep	05	(Fri)	05:18	06:06	82	12:20	78S	18:33	277	19:21
2025	Sep	06	(Sat)	05:18	06:06	83	12:19	77S	18:32	277	19:20
2025	Sep	07	(Sun)	05:18	06:07	83	12:19	77S	18:31	277	19:19
2025	Sep	08	(Mon)	05:19	06:07	84	12:18	76S	18:30	276	19:18
2025	Sep	09	(Tue)	05:19	06:07	84	12:18	76S	18:29	276	19:17
2025	Sep	10	(Wed)	05:19	06:07	84	12:18	76S	18:28	275	19:16
2025	Sep	11	(Thu)	05:19	06:07	85	12:17	75S	18:27	275	19:15
2025	Sep	12	(Fri)	05:20	06:08	85	12:17	75S	18:26	275	19:14
2025	Sep	13	(Sat)	05:20	06:08	86	12:17	75S	18:25	274	19:13
2025	Sep	14	(Sun)	05:20	06:08	86	12:16	74S	18:24	274	19:12
2025	Sep	15	(Mon)	05:20	06:08	86	12:16	74S	18:24	273	19:11
2025	Sep	16	(Tue)	05:21	06:08	87	12:16	73S	18:23	273	19:10
2025	Sep	17	(Wed)	05:21	06:09	87	12:15	73S	18:22	272	19:09
2025	Sep	18	(Thu)	05:21	06:09	88	12:15	73S	18:21	272	19:08
2025	Sep	19	(Fri)	05:21	06:09	88	12:15	72S	18:20	272	19:07
2025	Sep	20	(Sat)	05:22	06:09	89	12:14	72S	18:19	271	19:07
2025	Sep	21	(Sun)	05:22	06:09	89	12:14	71S	18:18	271	19:06
2025	Sep	22	(Mon)	05:22	06:10	89	12:14	71S	18:17	270	19:05
2025	Sep	23	(Tue)	05:22	06:10	90	12:13	71S	18:16	270	19:04
2025	Sep	24	(Wed)	05:23	06:10	90	12:13	70S	18:15	270	19:03
2025	Sep	25	(Thu)	05:23	06:10	91	12:12	70S	18:14	269	19:02
2025	Sep	26	(Fri)	05:23	06:10	91	12:12	70S	18:13	269	19:01
2025	Sep	27	(Sat)	05:23	06:11	91	12:12	69S	18:13	268	19:00
2025	Sep	28	(Sun)	05:23	06:11	92	12:11	69S	18:12	268	18:59
2025	Sep	29	(Mon)	05:24	06:11	92	12:11	68S	18:11	268	18:58
2025	Sep	30	(Tue)	05:24	06:11	93	12:11	68S	18:10	267	18:57
2025	Oct	01	(Wed)	05:24	06:12	93	12:10	68S	18:09	267	18:57
2025	Oct	02	(Thu)	05:24	06:12	94	12:10	67S	18:08	266	18:56
2025	Oct	03	(Fri)	05:25	06:12	94	12:10	67S	18:07	266	18:55

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

2025	Dec 15	(Mon)	05:56	06:48	115	12:16	48S	17:44	245	18:36
2025	Dec 16	(Tue)	05:57	06:48	115	12:16	48S	17:45	245	18:36
2025	Dec 17	(Wed)	05:57	06:49	115	12:17	47S	17:45	245	18:36
2025	Dec 18	(Thu)	05:58	06:49	115	12:17	47S	17:45	245	18:37
2025	Dec 19	(Fri)	05:58	06:50	115	12:18	47S	17:46	245	18:37
2025	Dec 20	(Sat)	05:59	06:50	115	12:18	47S	17:46	245	18:38
2025	Dec 21	(Sun)	05:59	06:51	115	12:19	47S	17:47	245	18:38
2025	Dec 22	(Mon)	06:00	06:51	115	12:19	47S	17:47	245	18:39
2025	Dec 23	(Tue)	06:00	06:52	115	12:20	47S	17:48	245	18:39
2025	Dec 24	(Wed)	06:01	06:52	115	12:20	47S	17:48	245	18:40
2025	Dec 25	(Thu)	06:01	06:53	115	12:21	47S	17:49	245	18:40
2025	Dec 26	(Fri)	06:02	06:53	115	12:21	47S	17:49	245	18:41
2025	Dec 27	(Sat)	06:02	06:54	115	12:22	48S	17:50	245	18:41
2025	Dec 28	(Sun)	06:03	06:54	115	12:22	48S	17:51	246	18:42
2025	Dec 29	(Mon)	06:03	06:54	114	12:23	48S	17:51	246	18:43
2025	Dec 30	(Tue)	06:03	06:55	114	12:23	48S	17:52	246	18:43
2025	Dec 31	(Wed)	06:04	06:55	114	12:24	48S	17:52	246	18:44

Sun

Chiang Rai

Location: E 99°48'18.0", N19°51'18.0", 0m
(Longitude referred to Greenwich meridian)

Time Zone: 7h 00m east of Greenwich

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

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

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

2025	Jul	06	(Sun)	05:23	05:47	65	12:26	88N	19:04	294	19:28
2025	Jul	07	(Mon)	05:23	05:47	66	12:26	88N	19:04	294	19:28
2025	Jul	08	(Tue)	05:23	05:48	66	12:26	88N	19:04	294	19:28
2025	Jul	09	(Wed)	05:24	05:48	66	12:26	88N	19:04	294	19:28
2025	Jul	10	(Thu)	05:24	05:48	66	12:26	88N	19:04	294	19:28
2025	Jul	11	(Fri)	05:24	05:49	66	12:26	88N	19:04	294	19:28
2025	Jul	12	(Sat)	05:25	05:49	66	12:26	89N	19:04	294	19:28
2025	Jul	13	(Sun)	05:25	05:49	66	12:27	89N	19:04	294	19:28
2025	Jul	14	(Mon)	05:26	05:50	67	12:27	89N	19:03	293	19:28
2025	Jul	15	(Tue)	05:26	05:50	67	12:27	89N	19:03	293	19:27
2025	Jul	16	(Wed)	05:26	05:51	67	12:27	89N	19:03	293	19:27
2025	Jul	17	(Thu)	05:27	05:51	67	12:27	89N	19:03	293	19:27
2025	Jul	18	(Fri)	05:27	05:51	67	12:27	90N	19:03	293	19:27
2025	Jul	19	(Sat)	05:28	05:52	67	12:27	90N	19:02	292	19:26
2025	Jul	20	(Sun)	05:28	05:52	68	12:27	90N	19:02	292	19:26
2025	Jul	21	(Mon)	05:29	05:52	68	12:27	90N	19:02	292	19:26
2025	Jul	22	(Tue)	05:29	05:53	68	12:27	90N	19:02	292	19:25
2025	Jul	23	(Wed)	05:29	05:53	68	12:27	91N	19:01	292	19:25
2025	Jul	24	(Thu)	05:30	05:54	69	12:27	91S	19:01	291	19:25
2025	Jul	25	(Fri)	05:30	05:54	69	12:27	90S	19:01	291	19:24
2025	Jul	26	(Sat)	05:31	05:54	69	12:27	90S	19:00	291	19:24
2025	Jul	27	(Sun)	05:31	05:55	69	12:27	90S	19:00	291	19:23
2025	Jul	28	(Mon)	05:31	05:55	69	12:27	90S	18:59	290	19:23
2025	Jul	29	(Tue)	05:32	05:55	70	12:27	90S	18:59	290	19:23
2025	Jul	30	(Wed)	05:32	05:56	70	12:27	89S	18:59	290	19:22
2025	Jul	31	(Thu)	05:33	05:56	70	12:27	89S	18:58	290	19:22
2025	Aug	01	(Fri)	05:33	05:56	70	12:27	89S	18:58	289	19:21
2025	Aug	02	(Sat)	05:33	05:57	71	12:27	89S	18:57	289	19:21
2025	Aug	03	(Sun)	05:34	05:57	71	12:27	88S	18:57	289	19:20
2025	Aug	04	(Mon)	05:34	05:58	71	12:27	88S	18:56	289	19:19
2025	Aug	05	(Tue)	05:35	05:58	72	12:27	88S	18:56	288	19:19
2025	Aug	06	(Wed)	05:35	05:58	72	12:27	87S	18:55	288	19:18
2025	Aug	07	(Thu)	05:35	05:59	72	12:27	87S	18:54	288	19:18
2025	Aug	08	(Fri)	05:36	05:59	73	12:26	87S	18:54	287	19:17
2025	Aug	09	(Sat)	05:36	05:59	73	12:26	87S	18:53	287	19:16
2025	Aug	10	(Sun)	05:36	05:59	73	12:26	86S	18:53	287	19:16
2025	Aug	11	(Mon)	05:37	06:00	73	12:26	86S	18:52	286	19:15
2025	Aug	12	(Tue)	05:37	06:00	74	12:26	86S	18:51	286	19:14
2025	Aug	13	(Wed)	05:37	06:00	74	12:26	85S	18:51	286	19:14
2025	Aug	14	(Thu)	05:38	06:01	74	12:25	85S	18:50	285	19:13
2025	Aug	15	(Fri)	05:38	06:01	75	12:25	85S	18:49	285	19:12
2025	Aug	16	(Sat)	05:38	06:01	75	12:25	85S	18:49	285	19:11
2025	Aug	17	(Sun)	05:39	06:02	75	12:25	84S	18:48	284	19:11
2025	Aug	18	(Mon)	05:39	06:02	76	12:25	84S	18:47	284	19:10
2025	Aug	19	(Tue)	05:39	06:02	76	12:24	84S	18:47	284	19:09
2025	Aug	20	(Wed)	05:40	06:02	76	12:24	83S	18:46	283	19:08
2025	Aug	21	(Thu)	05:40	06:03	77	12:24	83S	18:45	283	19:08
2025	Aug	22	(Fri)	05:40	06:03	77	12:24	83S	18:44	283	19:07
2025	Aug	23	(Sat)	05:41	06:03	78	12:23	82S	18:43	282	19:06
2025	Aug	24	(Sun)	05:41	06:03	78	12:23	82S	18:43	282	19:05
2025	Aug	25	(Mon)	05:41	06:04	78	12:23	82S	18:42	282	19:04
2025	Aug	26	(Tue)	05:41	06:04	79	12:23	81S	18:41	281	19:04
2025	Aug	27	(Wed)	05:42	06:04	79	12:22	81S	18:40	281	19:03
2025	Aug	28	(Thu)	05:42	06:04	79	12:22	80S	18:39	280	19:02
2025	Aug	29	(Fri)	05:42	06:05	80	12:22	80S	18:39	280	19:01
2025	Aug	30	(Sat)	05:42	06:05	80	12:21	80S	18:38	280	19:00
2025	Aug	31	(Sun)	05:43	06:05	81	12:21	79S	18:37	279	18:59
2025	Sep	01	(Mon)	05:43	06:05	81	12:21	79S	18:36	279	18:58
2025	Sep	02	(Tue)	05:43	06:06	81	12:21	79S	18:35	279	18:57
2025	Sep	03	(Wed)	05:43	06:06	82	12:20	78S	18:34	278	18:57
2025	Sep	04	(Thu)	05:44	06:06	82	12:20	78S	18:33	278	18:56
2025	Sep	05	(Fri)	05:44	06:06	82	12:20	78S	18:33	277	18:55
2025	Sep	06	(Sat)	05:44	06:06	83	12:19	77S	18:32	277	18:54
2025	Sep	07	(Sun)	05:44	06:07	83	12:19	77S	18:31	277	18:53
2025	Sep	08	(Mon)	05:45	06:07	84	12:18	76S	18:30	276	18:52
2025	Sep	09	(Tue)	05:45	06:07	84	12:18	76S	18:29	276	18:51
2025	Sep	10	(Wed)	05:45	06:07	84	12:18	76S	18:28	275	18:50
2025	Sep	11	(Thu)	05:45	06:07	85	12:17	75S	18:27	275	18:49
2025	Sep	12	(Fri)	05:46	06:08	85	12:17	75S	18:26	275	18:48
2025	Sep	13	(Sat)	05:46	06:08	86	12:17	75S	18:25	274	18:47
2025	Sep	14	(Sun)	05:46	06:08	86	12:16	74S	18:24	274	18:46
2025	Sep	15	(Mon)	05:46	06:08	86	12:16	74S	18:24	273	18:46

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

2025	Nov	27	(Thu)	06:13	06:37	112	12:08	50S	17:40	248	18:04
2025	Nov	28	(Fri)	06:14	06:37	112	12:09	50S	17:40	248	18:04
2025	Nov	29	(Sat)	06:14	06:38	113	12:09	49S	17:40	247	18:04
2025	Nov	30	(Sun)	06:15	06:38	113	12:09	49S	17:40	247	18:04
2025	Dec	01	(Mon)	06:15	06:39	113	12:10	49S	17:40	247	18:04
2025	Dec	02	(Tue)	06:16	06:40	113	12:10	49S	17:41	247	18:04
2025	Dec	03	(Wed)	06:17	06:40	113	12:11	49S	17:41	247	18:04
2025	Dec	04	(Thu)	06:17	06:41	113	12:11	49S	17:41	247	18:05
2025	Dec	05	(Fri)	06:18	06:42	114	12:11	48S	17:41	246	18:05
2025	Dec	06	(Sat)	06:18	06:42	114	12:12	48S	17:41	246	18:05
2025	Dec	07	(Sun)	06:19	06:43	114	12:12	48S	17:42	246	18:05
2025	Dec	08	(Mon)	06:20	06:43	114	12:13	48S	17:42	246	18:06
2025	Dec	09	(Tue)	06:20	06:44	114	12:13	48S	17:42	246	18:06
2025	Dec	10	(Wed)	06:21	06:45	114	12:14	48S	17:42	246	18:06
2025	Dec	11	(Thu)	06:21	06:45	114	12:14	48S	17:43	246	18:07
2025	Dec	12	(Fri)	06:22	06:46	114	12:14	48S	17:43	246	18:07
2025	Dec	13	(Sat)	06:22	06:46	114	12:15	48S	17:43	246	18:07
2025	Dec	14	(Sun)	06:23	06:47	114	12:15	48S	17:44	246	18:08
2025	Dec	15	(Mon)	06:24	06:48	115	12:16	48S	17:44	245	18:08
2025	Dec	16	(Tue)	06:24	06:48	115	12:16	48S	17:45	245	18:09
2025	Dec	17	(Wed)	06:25	06:49	115	12:17	47S	17:45	245	18:09
2025	Dec	18	(Thu)	06:25	06:49	115	12:17	47S	17:45	245	18:09
2025	Dec	19	(Fri)	06:26	06:50	115	12:18	47S	17:46	245	18:10
2025	Dec	20	(Sat)	06:26	06:50	115	12:18	47S	17:46	245	18:10
2025	Dec	21	(Sun)	06:27	06:51	115	12:19	47S	17:47	245	18:11
2025	Dec	22	(Mon)	06:27	06:51	115	12:19	47S	17:47	245	18:11
2025	Dec	23	(Tue)	06:28	06:52	115	12:20	47S	17:48	245	18:12
2025	Dec	24	(Wed)	06:28	06:52	115	12:20	47S	17:48	245	18:12
2025	Dec	25	(Thu)	06:29	06:53	115	12:21	47S	17:49	245	18:13
2025	Dec	26	(Fri)	06:29	06:53	115	12:21	47S	17:49	245	18:13
2025	Dec	27	(Sat)	06:30	06:54	115	12:22	48S	17:50	245	18:14
2025	Dec	28	(Sun)	06:30	06:54	115	12:22	48S	17:51	246	18:15
2025	Dec	29	(Mon)	06:30	06:54	114	12:23	48S	17:51	246	18:15
2025	Dec	30	(Tue)	06:31	06:55	114	12:23	48S	17:52	246	18:16
2025	Dec	31	(Wed)	06:31	06:55	114	12:24	48S	17:52	246	18:16

Moon

Chiang Rai

Location: E 99°48'18.0", N19°51'18.0", 0m
(Longitude referred to Greenwich meridian)

Time Zone: 7h 00m east of Greenwich

Date (Zone)	Rise Az.			Transit Alt.			Set Az.		
	h	m	°	h	m	°	h	m	°
2025 Jan 01 (Wed)	08:07	118		13:39	45S		19:13	244	
2025 Jan 02 (Thu)	08:55	113		14:33	49S		20:15	249	
2025 Jan 03 (Fri)	09:39	108		15:25	55S		21:15	255	
2025 Jan 04 (Sat)	10:19	102		16:14	61S		22:14	262	
2025 Jan 05 (Sun)	10:57	95		17:01	68S		23:11	269	
2025 Jan 06 (Mon)	11:33	87		17:48	75S				
2025 Jan 07 (Tue)	12:11	80		18:37	82S		00:09	276	
2025 Jan 08 (Wed)	12:51	73		19:27	88S		01:08	284	
2025 Jan 09 (Thu)	13:35	68		20:22	88N		02:09	290	
2025 Jan 10 (Fri)	14:25	63		21:20	84N		03:13	295	
2025 Jan 11 (Sat)	15:20	60		22:21	82N		04:18	299	
2025 Jan 12 (Sun)	16:21	60		23:22	82N		05:23	300	
2025 Jan 13 (Mon)	17:24	61					06:23	300	
2025 Jan 14 (Tue)	18:26	64		00:22	84N		07:17	297	
2025 Jan 15 (Wed)	19:25	69		01:17	88N		08:04	293	
2025 Jan 16 (Thu)	20:20	75		02:07	89S		08:45	288	
2025 Jan 17 (Fri)	21:12	81		02:53	84S		09:21	282	
2025 Jan 18 (Sat)	22:02	87		03:35	78S		09:54	276	
2025 Jan 19 (Sun)	22:50	93		04:15	72S		10:25	270	
2025 Jan 20 (Mon)	23:38	99		04:55	66S		10:55	264	
2025 Jan 21 (Tue)				05:34	60S		11:27	258	
2025 Jan 22 (Wed)	00:27	105		06:15	55S		12:00	252	
2025 Jan 23 (Thu)	01:17	110		06:59	50S		12:37	248	
2025 Jan 24 (Fri)	02:11	115		07:46	46S		13:18	244	
2025 Jan 25 (Sat)	03:07	118		08:36	43S		14:05	241	

2025	Jan	26	(Sun)	04:04	120	09:31	42S	14:57	239
2025	Jan	27	(Mon)	05:01	120	10:28	42S	15:56	240
2025	Jan	28	(Tue)	05:56	119	11:26	44S	16:58	242
2025	Jan	29	(Wed)	06:47	115	12:22	47S	18:01	247
2025	Jan	30	(Thu)	07:34	110	13:16	52S	19:04	252
2025	Jan	31	(Fri)	08:16	104	14:08	59S	20:04	259
2025	Feb	01	(Sat)	08:55	97	14:57	66S	21:04	267
2025	Feb	02	(Sun)	09:33	89	15:45	73S	22:03	274
2025	Feb	03	(Mon)	10:11	82	16:34	80S	23:02	282
2025	Feb	04	(Tue)	10:51	75	17:24	87S		
2025	Feb	05	(Wed)	11:34	69	18:18	89N	00:03	288
2025	Feb	06	(Thu)	12:21	64	19:14	85N	01:06	294
2025	Feb	07	(Fri)	13:14	61	20:13	83N	02:10	298
2025	Feb	08	(Sat)	14:11	59	21:13	82N	03:14	300
2025	Feb	09	(Sun)	15:12	60	22:12	83N	04:14	300
2025	Feb	10	(Mon)	16:14	63	23:08	86N	05:09	299
2025	Feb	11	(Tue)	17:13	67	23:59	90N	05:58	295
2025	Feb	12	(Wed)	18:09	72			06:40	290
2025	Feb	13	(Thu)	19:03	78	00:46	86S	07:18	285
2025	Feb	14	(Fri)	19:53	84	01:30	80S	07:52	279
2025	Feb	15	(Sat)	20:42	91	02:11	74S	08:24	272
2025	Feb	16	(Sun)	21:30	97	02:50	68S	08:55	266
2025	Feb	17	(Mon)	22:19	103	03:30	62S	09:25	260
2025	Feb	18	(Tue)	23:09	108	04:10	57S	09:58	254
2025	Feb	19	(Wed)			04:52	52S	10:33	249
2025	Feb	20	(Thu)	00:01	113	05:37	48S	11:11	245
2025	Feb	21	(Fri)	00:55	117	06:26	44S	11:55	242
2025	Feb	22	(Sat)	01:50	120	07:18	42S	12:44	240
2025	Feb	23	(Sun)	02:47	121	08:13	41S	13:39	239
2025	Feb	24	(Mon)	03:42	120	09:10	43S	14:39	241
2025	Feb	25	(Tue)	04:35	117	10:07	45S	15:41	244
2025	Feb	26	(Wed)	05:23	113	11:02	50S	16:44	249
2025	Feb	27	(Thu)	06:07	107	11:55	56S	17:47	256
2025	Feb	28	(Fri)	06:49	100	12:46	62S	18:48	263
2025	Mar	01	(Sat)	07:28	93	13:36	70S	19:49	271
2025	Mar	02	(Sun)	08:07	85	14:26	77S	20:51	279
2025	Mar	03	(Mon)	08:47	78	15:18	84S	21:53	286
2025	Mar	04	(Tue)	09:30	71	16:11	90S	22:58	292
2025	Mar	05	(Wed)	10:17	65	17:08	86N		
2025	Mar	06	(Thu)	11:09	61	18:07	83N	00:03	297
2025	Mar	07	(Fri)	12:06	60	19:08	82N	01:08	300
2025	Mar	08	(Sat)	13:06	60	20:07	82N	02:10	301
2025	Mar	09	(Sun)	14:07	62	21:03	85N	03:06	299
2025	Mar	10	(Mon)	15:06	65	21:55	89N	03:56	296
2025	Mar	11	(Tue)	16:03	70	22:43	88S	04:39	292
2025	Mar	12	(Wed)	16:56	76	23:27	83S	05:18	287
2025	Mar	13	(Thu)	17:47	82			05:52	281
2025	Mar	14	(Fri)	18:36	88	00:08	77S	06:24	275
2025	Mar	15	(Sat)	19:24	95	00:48	71S	06:55	268
2025	Mar	16	(Sun)	20:13	101	01:27	65S	07:26	262
2025	Mar	17	(Mon)	21:02	107	02:07	59S	07:58	256
2025	Mar	18	(Tue)	21:53	112	02:49	54S	08:32	251
2025	Mar	19	(Wed)	22:46	116	03:32	49S	09:09	246
2025	Mar	20	(Thu)	23:41	119	04:19	45S	09:50	243
2025	Mar	21	(Fri)			05:09	43S	10:36	240
2025	Mar	22	(Sat)	00:36	121	06:02	42S	11:28	239
2025	Mar	23	(Sun)	01:31	121	06:57	42S	12:24	240
2025	Mar	24	(Mon)	02:23	119	07:52	44S	13:24	242
2025	Mar	25	(Tue)	03:12	115	08:47	47S	14:25	247
2025	Mar	26	(Wed)	03:57	110	09:40	52S	15:27	252
2025	Mar	27	(Thu)	04:39	104	10:31	59S	16:28	259
2025	Mar	28	(Fri)	05:19	97	11:21	66S	17:29	267
2025	Mar	29	(Sat)	05:59	89	12:12	73S	18:31	275
2025	Mar	30	(Sun)	06:39	81	13:04	81S	19:35	283
2025	Mar	31	(Mon)	07:22	74	13:58	88S	20:40	290
2025	Apr	01	(Tue)	08:09	68	14:56	88N	21:48	295
2025	Apr	02	(Wed)	09:01	63	15:57	84N	22:56	299
2025	Apr	03	(Thu)	09:58	60	16:59	82N		
2025	Apr	04	(Fri)	10:58	59	18:00	82N	00:01	301
2025	Apr	05	(Sat)	12:00	61	18:59	84N	01:01	300
2025	Apr	06	(Sun)	13:01	64	19:52	87N	01:53	297
2025	Apr	07	(Mon)	13:58	69	20:41	90S	02:39	294

2025 Apr 08 (Tue)	14:52 74	21:26 84S	03:19 289
2025 Apr 09 (Wed)	15:44 80	22:07 79S	03:54 283
2025 Apr 10 (Thu)	16:33 86	22:47 73S	04:27 277
2025 Apr 11 (Fri)	17:21 93	23:27 67S	04:58 271
2025 Apr 12 (Sat)	18:09 99		05:28 264
2025 Apr 13 (Sun)	18:58 105	00:06 61S	05:59 258
2025 Apr 14 (Mon)	19:48 110	00:47 55S	06:32 253
2025 Apr 15 (Tue)	20:40 114	01:30 51S	07:08 248
2025 Apr 16 (Wed)	21:35 118	02:16 47S	07:48 244
2025 Apr 17 (Thu)	22:29 120	03:04 44S	08:32 241
2025 Apr 18 (Fri)	23:24 121	03:56 42S	09:22 239
2025 Apr 19 (Sat)		04:50 42S	10:16 240
2025 Apr 20 (Sun)	00:16 120	05:44 43S	11:13 241
2025 Apr 21 (Mon)	01:05 117	06:37 46S	12:12 245
2025 Apr 22 (Tue)	01:50 113	07:29 50S	13:11 250
2025 Apr 23 (Wed)	02:32 107	08:19 56S	14:11 256
2025 Apr 24 (Thu)	03:11 100	09:08 62S	15:10 263
2025 Apr 25 (Fri)	03:50 93	09:57 69S	16:10 271
2025 Apr 26 (Sat)	04:29 85	10:48 77S	17:12 279
2025 Apr 27 (Sun)	05:10 78	11:40 84S	18:17 286
2025 Apr 28 (Mon)	05:55 71	12:37 91S	19:25 293
2025 Apr 29 (Tue)	06:46 65	13:38 86N	20:35 297
2025 Apr 30 (Wed)	07:42 61	14:42 83N	21:44 300
2025 May 01 (Thu)	08:44 60	15:46 82N	22:49 300
2025 May 02 (Fri)	09:48 60	16:48 83N	23:46 298
2025 May 03 (Sat)	10:51 63	17:45 86N	
2025 May 04 (Sun)	11:51 67	18:37 90N	00:36 295
2025 May 05 (Mon)	12:48 72	19:24 86S	01:18 290
2025 May 06 (Tue)	13:40 78	20:07 80S	01:55 285
2025 May 07 (Wed)	14:30 84	20:47 74S	02:29 279
2025 May 08 (Thu)	15:18 91	21:26 68S	03:00 272
2025 May 09 (Fri)	16:06 97	22:06 63S	03:31 266
2025 May 10 (Sat)	16:54 103	22:46 57S	04:01 260
2025 May 11 (Sun)	17:44 108	23:28 52S	04:34 255
2025 May 12 (Mon)	18:36 113		05:09 249
2025 May 13 (Tue)	19:29 117	00:13 48S	05:47 245
2025 May 14 (Wed)	20:24 119	01:01 44S	06:31 242
2025 May 15 (Thu)	21:19 120	01:52 42S	07:19 240
2025 May 16 (Fri)	22:12 120	02:45 42S	08:11 240
2025 May 17 (Sat)	23:01 118	03:39 43S	09:07 241
2025 May 18 (Sun)	23:47 114	04:32 45S	10:05 244
2025 May 19 (Mon)		05:23 49S	11:03 248
2025 May 20 (Tue)	00:29 109	06:13 54S	12:01 254
2025 May 21 (Wed)	01:08 103	07:01 60S	12:58 260
2025 May 22 (Thu)	01:45 96	07:48 66S	13:56 268
2025 May 23 (Fri)	02:22 89	08:36 74S	14:54 275
2025 May 24 (Sat)	03:01 81	09:26 81S	15:56 283
2025 May 25 (Sun)	03:43 74	10:19 87S	17:01 289
2025 May 26 (Mon)	04:30 68	11:17 88N	18:10 295
2025 May 27 (Tue)	05:24 63	12:20 84N	19:20 299
2025 May 28 (Wed)	06:24 60	13:26 82N	20:28 300
2025 May 29 (Thu)	07:29 60	14:31 82N	21:31 299
2025 May 30 (Fri)	08:35 62	15:32 85N	22:26 296
2025 May 31 (Sat)	09:38 65	16:28 89N	23:13 292
2025 Jun 01 (Sun)	10:38 70	17:18 88S	23:53 287
2025 Jun 02 (Mon)	11:33 76	18:03 82S	
2025 Jun 03 (Tue)	12:24 82	18:45 76S	00:28 281
2025 Jun 04 (Wed)	13:14 89	19:25 70S	01:01 274
2025 Jun 05 (Thu)	14:02 95	20:04 64S	01:32 268
2025 Jun 06 (Fri)	14:50 101	20:44 59S	02:03 262
2025 Jun 07 (Sat)	15:39 107	21:26 54S	02:35 256
2025 Jun 08 (Sun)	16:30 112	22:10 49S	03:09 251
2025 Jun 09 (Mon)	17:24 116	22:57 45S	03:46 246
2025 Jun 10 (Tue)	18:18 119	23:47 43S	04:28 243
2025 Jun 11 (Wed)	19:14 120		05:15 240
2025 Jun 12 (Thu)	20:08 120	00:40 42S	06:07 240
2025 Jun 13 (Fri)	20:59 118	01:35 42S	07:02 240
2025 Jun 14 (Sat)	21:46 115	02:28 44S	08:00 243
2025 Jun 15 (Sun)	22:28 110	03:21 48S	08:59 247
2025 Jun 16 (Mon)	23:08 105	04:10 52S	09:56 252
2025 Jun 17 (Tue)	23:45 98	04:58 58S	10:53 258
2025 Jun 18 (Wed)		05:44 64S	11:49 265

2025 Jun 19 (Thu)	00:21 91	06:31 71S	12:45 273
2025 Jun 20 (Fri)	00:58 84	07:18 78S	13:44 280
2025 Jun 21 (Sat)	01:37 77	08:08 85S	14:45 287
2025 Jun 22 (Sun)	02:20 70	09:03 91N	15:50 293
2025 Jun 23 (Mon)	03:10 65	10:02 86N	16:58 297
2025 Jun 24 (Tue)	04:06 61	11:05 83N	18:07 300
2025 Jun 25 (Wed)	05:08 60	12:10 82N	19:12 300
2025 Jun 26 (Thu)	06:14 61	13:14 83N	20:11 298
2025 Jun 27 (Fri)	07:20 64	14:13 87N	21:03 294
2025 Jun 28 (Sat)	08:22 68	15:07 90S	21:47 289
2025 Jun 29 (Sun)	09:21 74	15:55 85S	22:25 283
2025 Jun 30 (Mon)	10:15 80	16:40 79S	22:59 277
2025 Jul 01 (Tue)	11:06 86	17:21 72S	23:31 270
2025 Jul 02 (Wed)	11:55 93	18:01 66S	
2025 Jul 03 (Thu)	12:44 99	18:41 61S	00:02 264
2025 Jul 04 (Fri)	13:33 105	19:22 55S	00:34 258
2025 Jul 05 (Sat)	14:23 110	20:05 51S	01:07 253
2025 Jul 06 (Sun)	15:16 114	20:51 47S	01:43 248
2025 Jul 07 (Mon)	16:10 118	21:40 44S	02:24 244
2025 Jul 08 (Tue)	17:06 120	22:33 42S	03:09 241
2025 Jul 09 (Wed)	18:01 120	23:27 42S	03:59 240
2025 Jul 10 (Thu)	18:53 119		04:54 240
2025 Jul 11 (Fri)	19:42 116	00:22 43S	05:52 242
2025 Jul 12 (Sat)	20:27 112	01:16 46S	06:52 245
2025 Jul 13 (Sun)	21:08 106	02:07 51S	07:50 250
2025 Jul 14 (Mon)	21:46 100	02:56 56S	08:48 257
2025 Jul 15 (Tue)	22:22 93	03:43 63S	09:45 263
2025 Jul 16 (Wed)	22:59 86	04:29 69S	10:41 271
2025 Jul 17 (Thu)	23:36 79	05:16 76S	11:38 278
2025 Jul 18 (Fri)		06:04 83S	12:37 285
2025 Jul 19 (Sat)	00:17 72	06:56 89S	13:39 291
2025 Jul 20 (Sun)	01:03 66	07:51 87N	14:45 296
2025 Jul 21 (Mon)	01:55 62	08:51 84N	15:51 299
2025 Jul 22 (Tue)	02:53 60	09:55 82N	16:57 300
2025 Jul 23 (Wed)	03:56 60	10:58 83N	17:58 299
2025 Jul 24 (Thu)	05:02 62	11:59 85N	18:52 296
2025 Jul 25 (Fri)	06:06 66	12:54 89N	19:39 291
2025 Jul 26 (Sat)	07:06 71	13:45 87S	20:19 286
2025 Jul 27 (Sun)	08:03 77	14:32 81S	20:56 279
2025 Jul 28 (Mon)	08:56 84	15:15 75S	21:29 273
2025 Jul 29 (Tue)	09:47 90	15:56 69S	22:01 267
2025 Jul 30 (Wed)	10:36 97	16:36 63S	22:33 260
2025 Jul 31 (Thu)	11:25 103	17:17 57S	23:05 255
2025 Aug 01 (Fri)	12:15 108	17:59 52S	23:40 250
2025 Aug 02 (Sat)	13:07 113	18:44 48S	
2025 Aug 03 (Sun)	14:00 117	19:32 45S	00:19 245
2025 Aug 04 (Mon)	14:55 119	20:23 42S	01:02 242
2025 Aug 05 (Tue)	15:51 121	21:17 42S	01:50 240
2025 Aug 06 (Wed)	16:44 120	22:12 42S	02:43 239
2025 Aug 07 (Thu)	17:35 118	23:06 45S	03:40 241
2025 Aug 08 (Fri)	18:22 114	23:59 49S	04:40 244
2025 Aug 09 (Sat)	19:05 109		05:40 248
2025 Aug 10 (Sun)	19:45 102	00:50 54S	06:39 254
2025 Aug 11 (Mon)	20:22 95	01:38 60S	07:37 261
2025 Aug 12 (Tue)	20:59 88	02:26 67S	08:35 268
2025 Aug 13 (Wed)	21:37 81	03:13 74S	09:32 276
2025 Aug 14 (Thu)	22:17 74	04:01 81S	10:32 283
2025 Aug 15 (Fri)	23:01 68	04:52 88S	11:33 289
2025 Aug 16 (Sat)	23:50 63	05:47 88N	12:37 295
2025 Aug 17 (Sun)		06:45 84N	13:43 299
2025 Aug 18 (Mon)	00:45 60	07:46 82N	14:48 300
2025 Aug 19 (Tue)	01:46 59	08:48 82N	15:49 300
2025 Aug 20 (Wed)	02:49 61	09:48 84N	16:44 298
2025 Aug 21 (Thu)	03:53 64	10:45 87N	17:33 294
2025 Aug 22 (Fri)	04:54 69	11:37 89S	18:15 288
2025 Aug 23 (Sat)	05:51 75	12:24 84S	18:53 282
2025 Aug 24 (Sun)	06:46 81	13:09 78S	19:27 276
2025 Aug 25 (Mon)	07:37 87	13:51 71S	19:59 269
2025 Aug 26 (Tue)	08:27 94	14:31 65S	20:31 263
2025 Aug 27 (Wed)	09:17 100	15:12 59S	21:03 257
2025 Aug 28 (Thu)	10:07 106	15:54 54S	21:38 251
2025 Aug 29 (Fri)	10:58 111	16:38 49S	22:14 247

2025 Aug 30 (Sat)	11:51 115	17:24 46S	22:55 243
2025 Aug 31 (Sun)	12:45 119	18:14 43S	23:41 240
2025 Sep 01 (Mon)	13:39 120	19:06 42S	
2025 Sep 02 (Tue)	14:33 121	19:59 42S	00:31 239
2025 Sep 03 (Wed)	15:25 119	20:54 44S	01:26 240
2025 Sep 04 (Thu)	16:13 116	21:47 47S	02:24 242
2025 Sep 05 (Fri)	16:58 111	22:39 52S	03:24 246
2025 Sep 06 (Sat)	17:39 105	23:29 57S	04:24 251
2025 Sep 07 (Sun)	18:18 98		05:23 258
2025 Sep 08 (Mon)	18:56 91	00:17 64S	06:22 265
2025 Sep 09 (Tue)	19:34 84	01:06 71S	07:21 273
2025 Sep 10 (Wed)	20:14 76	01:55 79S	08:22 280
2025 Sep 11 (Thu)	20:58 70	02:46 85S	09:24 287
2025 Sep 12 (Fri)	21:46 64	03:41 90N	10:29 293
2025 Sep 13 (Sat)	22:40 61	04:39 85N	11:35 298
2025 Sep 14 (Sun)	23:40 59	05:40 83N	12:41 300
2025 Sep 15 (Mon)		06:42 82N	13:44 300
2025 Sep 16 (Tue)	00:42 60	07:42 83N	14:40 299
2025 Sep 17 (Wed)	01:45 63	08:40 86N	15:30 295
2025 Sep 18 (Thu)	02:46 67	09:32 90N	16:13 290
2025 Sep 19 (Fri)	03:44 72	10:20 86S	16:52 284
2025 Sep 20 (Sat)	04:38 78	11:05 80S	17:27 278
2025 Sep 21 (Sun)	05:30 85	11:47 74S	17:59 272
2025 Sep 22 (Mon)	06:20 92	12:28 68S	18:31 265
2025 Sep 23 (Tue)	07:10 98	13:08 62S	19:03 259
2025 Sep 24 (Wed)	08:00 104	13:50 56S	19:36 253
2025 Sep 25 (Thu)	08:50 109	14:33 51S	20:12 248
2025 Sep 26 (Fri)	09:42 114	15:18 47S	20:51 244
2025 Sep 27 (Sat)	10:36 118	16:06 44S	21:35 241
2025 Sep 28 (Sun)	11:30 120	16:57 42S	22:23 240
2025 Sep 29 (Mon)	12:23 121	17:49 42S	23:15 240
2025 Sep 30 (Tue)	13:15 120	18:42 43S	
2025 Oct 01 (Wed)	14:04 117	19:35 45S	00:11 241
2025 Oct 02 (Thu)	14:49 114	20:26 49S	01:08 244
2025 Oct 03 (Fri)	15:31 108	21:16 54S	02:07 249
2025 Oct 04 (Sat)	16:10 102	22:05 61S	03:06 255
2025 Oct 05 (Sun)	16:49 95	22:53 68S	04:04 261
2025 Oct 06 (Mon)	17:27 87	23:42 75S	05:03 269
2025 Oct 07 (Tue)	18:07 80		06:04 277
2025 Oct 08 (Wed)	18:50 73	00:34 82S	07:07 284
2025 Oct 09 (Thu)	19:38 67	01:29 89S	08:13 291
2025 Oct 10 (Fri)	20:32 62	02:27 87N	09:21 296
2025 Oct 11 (Sat)	21:31 60	03:30 83N	10:30 299
2025 Oct 12 (Sun)	22:35 60	04:33 82N	11:36 300
2025 Oct 13 (Mon)	23:39 62	05:36 82N	12:36 299
2025 Oct 14 (Tue)		06:35 85N	13:28 296
2025 Oct 15 (Wed)	00:41 66	07:29 89N	14:13 292
2025 Oct 16 (Thu)	01:39 71	08:18 88S	14:53 286
2025 Oct 17 (Fri)	02:34 77	09:04 82S	15:28 280
2025 Oct 18 (Sat)	03:26 83	09:46 76S	16:01 274
2025 Oct 19 (Sun)	04:16 89	10:27 70S	16:33 267
2025 Oct 20 (Mon)	05:05 96	11:07 64S	17:04 261
2025 Oct 21 (Tue)	05:54 102	11:48 58S	17:37 255
2025 Oct 22 (Wed)	06:45 107	12:30 53S	18:12 250
2025 Oct 23 (Thu)	07:36 112	13:14 48S	18:50 246
2025 Oct 24 (Fri)	08:29 116	14:01 45S	19:32 242
2025 Oct 25 (Sat)	09:23 119	14:51 43S	20:18 240
2025 Oct 26 (Sun)	10:16 120	15:42 42S	21:08 240
2025 Oct 27 (Mon)	11:08 120	16:35 42S	22:02 240
2025 Oct 28 (Tue)	11:57 118	17:26 44S	22:58 243
2025 Oct 29 (Wed)	12:42 115	18:17 48S	23:54 247
2025 Oct 30 (Thu)	13:24 111	19:06 52S	
2025 Oct 31 (Fri)	14:03 105	19:53 58S	00:51 252
2025 Nov 01 (Sat)	14:41 98	20:40 64S	01:48 258
2025 Nov 02 (Sun)	15:18 91	21:28 71S	02:45 265
2025 Nov 03 (Mon)	15:57 84	22:18 78S	03:43 273
2025 Nov 04 (Tue)	16:38 76	23:11 85S	04:44 280
2025 Nov 05 (Wed)	17:24 70		05:49 287
2025 Nov 06 (Thu)	18:16 64	00:08 90N	06:58 294
2025 Nov 07 (Fri)	19:15 61	01:10 85N	08:09 298
2025 Nov 08 (Sat)	20:20 60	02:16 83N	09:19 300
2025 Nov 09 (Sun)	21:26 61	03:22 82N	10:24 300

2025 Nov 10 (Mon)	22:31 64	04:25 84N	11:21 297
2025 Nov 11 (Tue)	23:33 69	05:23 88N	12:10 293
2025 Nov 12 (Wed)		06:15 89S	12:53 288
2025 Nov 13 (Thu)	00:30 75	07:02 83S	13:30 282
2025 Nov 14 (Fri)	01:23 81	07:45 78S	14:03 276
2025 Nov 15 (Sat)	02:13 87	08:26 71S	14:35 269
2025 Nov 16 (Sun)	03:02 94	09:06 65S	15:06 263
2025 Nov 17 (Mon)	03:51 100	09:47 60S	15:39 257
2025 Nov 18 (Tue)	04:41 106	10:28 54S	16:12 252
2025 Nov 19 (Wed)	05:32 111	11:12 50S	16:49 247
2025 Nov 20 (Thu)	06:24 115	11:58 46S	17:30 243
2025 Nov 21 (Fri)	07:18 118	12:47 43S	18:15 241
2025 Nov 22 (Sat)	08:11 120	13:38 42S	19:04 240
2025 Nov 23 (Sun)	09:04 120	14:30 42S	19:57 240
2025 Nov 24 (Mon)	09:54 119	15:22 44S	20:52 242
2025 Nov 25 (Tue)	10:39 116	16:12 46S	21:48 245
2025 Nov 26 (Wed)	11:22 112	17:01 51S	22:43 250
2025 Nov 27 (Thu)	12:01 107	17:47 56S	23:38 256
2025 Nov 28 (Fri)	12:37 101	18:33 62S	
2025 Nov 29 (Sat)	13:13 94	19:18 68S	00:33 262
2025 Nov 30 (Sun)	13:49 87	20:05 75S	01:28 269
2025 Dec 01 (Mon)	14:28 80	20:54 82S	02:26 277
2025 Dec 02 (Tue)	15:10 73	21:48 89S	03:26 284
2025 Dec 03 (Wed)	15:58 67	22:47 87N	04:32 290
2025 Dec 04 (Thu)	16:54 62	23:51 84N	05:41 296
2025 Dec 05 (Fri)	17:56 60		06:52 299
2025 Dec 06 (Sat)	19:04 60	00:59 82N	08:02 300
2025 Dec 07 (Sun)	20:13 63	02:06 83N	09:05 299
2025 Dec 08 (Mon)	21:18 67	03:09 86N	10:00 295
2025 Dec 09 (Tue)	22:19 73	04:05 90N	10:47 290
2025 Dec 10 (Wed)	23:15 79	04:56 86S	11:27 284
2025 Dec 11 (Thu)		05:42 80S	12:03 278
2025 Dec 12 (Fri)	00:08 85	06:24 73S	12:36 271
2025 Dec 13 (Sat)	00:58 92	07:05 67S	13:08 265
2025 Dec 14 (Sun)	01:47 98	07:46 61S	13:40 259
2025 Dec 15 (Mon)	02:37 104	08:27 56S	14:13 253
2025 Dec 16 (Tue)	03:27 109	09:10 51S	14:49 248
2025 Dec 17 (Wed)	04:19 114	09:55 47S	15:28 244
2025 Dec 18 (Thu)	05:12 117	10:43 44S	16:12 242
2025 Dec 19 (Fri)	06:06 120	11:34 42S	17:00 240
2025 Dec 20 (Sat)	07:00 120	12:26 42S	17:52 240
2025 Dec 21 (Sun)	07:50 119	13:18 43S	18:47 241
2025 Dec 22 (Mon)	08:38 117	14:09 46S	19:43 244
2025 Dec 23 (Tue)	09:21 113	14:58 49S	20:39 249
2025 Dec 24 (Wed)	10:01 108	15:45 54S	21:34 254
2025 Dec 25 (Thu)	10:38 103	16:30 60S	22:28 260
2025 Dec 26 (Fri)	11:13 96	17:15 66S	23:21 267
2025 Dec 27 (Sat)	11:48 89	17:59 73S	
2025 Dec 28 (Sun)	12:24 82	18:46 80S	00:16 274
2025 Dec 29 (Mon)	13:03 76	19:35 86S	01:13 281
2025 Dec 30 (Tue)	13:46 69	20:30 90N	02:14 288
2025 Dec 31 (Wed)	14:36 64	21:30 85N	03:19 294