

Sun

Chonburi

Location: E100°59'23.9", N13°22'33.5", 0m
(Longitude referred to Greenwich meridian)

Time Zone: 7h 00m east of Greenwich

Date (Zone)			Begin Nautical Twilight	Rise	Az.	Transit	Alt.	Set	Az.	End Nautical Twilight
			h m	h m	°	h m	°	h m	°	h m
2025	Jan	01 (Wed)	05:49	06:39	113	12:20	54S	18:00	247	18:50
2025	Jan	02 (Thu)	05:50	06:39	113	12:20	54S	18:01	247	18:50
2025	Jan	03 (Fri)	05:50	06:40	113	12:21	55S	18:01	247	18:51
2025	Jan	04 (Sat)	05:51	06:40	113	12:21	55S	18:02	247	18:52
2025	Jan	05 (Sun)	05:51	06:40	113	12:21	55S	18:03	247	18:52
2025	Jan	06 (Mon)	05:51	06:41	113	12:22	55S	18:03	247	18:53
2025	Jan	07 (Tue)	05:52	06:41	113	12:22	55S	18:04	247	18:53
2025	Jan	08 (Wed)	05:52	06:41	113	12:23	55S	18:04	247	18:54
2025	Jan	09 (Thu)	05:52	06:42	113	12:23	55S	18:05	248	18:54
2025	Jan	10 (Fri)	05:53	06:42	112	12:24	55S	18:05	248	18:55
2025	Jan	11 (Sat)	05:53	06:42	112	12:24	56S	18:06	248	18:55
2025	Jan	12 (Sun)	05:53	06:42	112	12:24	56S	18:07	248	18:56
2025	Jan	13 (Mon)	05:53	06:42	112	12:25	56S	18:07	248	18:56
2025	Jan	14 (Tue)	05:54	06:43	112	12:25	56S	18:08	248	18:57
2025	Jan	15 (Wed)	05:54	06:43	112	12:25	56S	18:08	249	18:57
2025	Jan	16 (Thu)	05:54	06:43	111	12:26	56S	18:09	249	18:58
2025	Jan	17 (Fri)	05:54	06:43	111	12:26	57S	18:09	249	18:58
2025	Jan	18 (Sat)	05:54	06:43	111	12:26	57S	18:10	249	18:59
2025	Jan	19 (Sun)	05:55	06:43	111	12:27	57S	18:10	249	18:59
2025	Jan	20 (Mon)	05:55	06:43	110	12:27	57S	18:11	250	18:59
2025	Jan	21 (Tue)	05:55	06:43	110	12:27	57S	18:11	250	19:00
2025	Jan	22 (Wed)	05:55	06:43	110	12:28	58S	18:12	250	19:00
2025	Jan	23 (Thu)	05:55	06:43	110	12:28	58S	18:12	250	19:01
2025	Jan	24 (Fri)	05:55	06:43	110	12:28	58S	18:13	251	19:01
2025	Jan	25 (Sat)	05:55	06:43	109	12:28	58S	18:13	251	19:02
2025	Jan	26 (Sun)	05:55	06:43	109	12:29	59S	18:14	251	19:02
2025	Jan	27 (Mon)	05:55	06:43	109	12:29	59S	18:14	251	19:02
2025	Jan	28 (Tue)	05:55	06:43	109	12:29	59S	18:15	252	19:03
2025	Jan	29 (Wed)	05:55	06:43	108	12:29	59S	18:15	252	19:03
2025	Jan	30 (Thu)	05:55	06:43	108	12:29	60S	18:16	252	19:04
2025	Jan	31 (Fri)	05:55	06:43	108	12:29	60S	18:16	252	19:04
2025	Feb	01 (Sat)	05:55	06:43	107	12:30	60S	18:17	253	19:04
2025	Feb	02 (Sun)	05:55	06:43	107	12:30	61S	18:17	253	19:05
2025	Feb	03 (Mon)	05:55	06:42	107	12:30	61S	18:17	253	19:05
2025	Feb	04 (Tue)	05:55	06:42	106	12:30	61S	18:18	254	19:05
2025	Feb	05 (Wed)	05:54	06:42	106	12:30	61S	18:18	254	19:06
2025	Feb	06 (Thu)	05:54	06:42	106	12:30	62S	18:19	254	19:06
2025	Feb	07 (Fri)	05:54	06:41	106	12:30	62S	18:19	255	19:06
2025	Feb	08 (Sat)	05:54	06:41	105	12:30	62S	18:19	255	19:07
2025	Feb	09 (Sun)	05:54	06:41	105	12:30	63S	18:20	255	19:07
2025	Feb	10 (Mon)	05:53	06:41	105	12:30	63S	18:20	256	19:07
2025	Feb	11 (Tue)	05:53	06:40	104	12:30	63S	18:20	256	19:07
2025	Feb	12 (Wed)	05:53	06:40	104	12:30	64S	18:21	256	19:08
2025	Feb	13 (Thu)	05:53	06:40	104	12:30	64S	18:21	257	19:08
2025	Feb	14 (Fri)	05:52	06:39	103	12:30	64S	18:21	257	19:08
2025	Feb	15 (Sat)	05:52	06:39	103	12:30	65S	18:22	257	19:08
2025	Feb	16 (Sun)	05:52	06:38	102	12:30	65S	18:22	258	19:09
2025	Feb	17 (Mon)	05:51	06:38	102	12:30	65S	18:22	258	19:09
2025	Feb	18 (Tue)	05:51	06:38	102	12:30	66S	18:22	258	19:09
2025	Feb	19 (Wed)	05:51	06:37	101	12:30	66S	18:23	259	19:09
2025	Feb	20 (Thu)	05:50	06:37	101	12:30	67S	18:23	259	19:09
2025	Feb	21 (Fri)	05:50	06:36	101	12:30	67S	18:23	260	19:10
2025	Feb	22 (Sat)	05:49	06:36	100	12:29	67S	18:23	260	19:10
2025	Feb	23 (Sun)	05:49	06:35	100	12:29	68S	18:24	260	19:10
2025	Feb	24 (Mon)	05:48	06:35	100	12:29	68S	18:24	261	19:10
2025	Feb	25 (Tue)	05:48	06:34	99	12:29	68S	18:24	261	19:10
2025	Feb	26 (Wed)	05:48	06:34	99	12:29	69S	18:24	261	19:10
2025	Feb	27 (Thu)	05:47	06:33	98	12:29	69S	18:24	262	19:11
2025	Feb	28 (Fri)	05:47	06:33	98	12:29	69S	18:25	262	19:11
2025	Mar	01 (Sat)	05:46	06:32	98	12:28	70S	18:25	263	19:11

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

2025	May	13	(Tue)	05:02	05:51	71	12:12	86N	18:34	289	19:23
2025	May	14	(Wed)	05:01	05:50	71	12:12	85N	18:35	290	19:24
2025	May	15	(Thu)	05:01	05:50	70	12:12	85N	18:35	290	19:24
2025	May	16	(Fri)	05:01	05:50	70	12:12	85N	18:35	290	19:24
2025	May	17	(Sat)	05:00	05:50	70	12:12	85N	18:35	290	19:25
2025	May	18	(Sun)	05:00	05:49	70	12:12	84N	18:36	290	19:25
2025	May	19	(Mon)	05:00	05:49	69	12:13	84N	18:36	291	19:26
2025	May	20	(Tue)	04:59	05:49	69	12:13	84N	18:36	291	19:26
2025	May	21	(Wed)	04:59	05:49	69	12:13	84N	18:36	291	19:26
2025	May	22	(Thu)	04:59	05:49	69	12:13	84N	18:37	291	19:27
2025	May	23	(Fri)	04:59	05:49	69	12:13	83N	18:37	291	19:27
2025	May	24	(Sat)	04:59	05:49	68	12:13	83N	18:37	292	19:27
2025	May	25	(Sun)	04:58	05:48	68	12:13	83N	18:38	292	19:28
2025	May	26	(Mon)	04:58	05:48	68	12:13	83N	18:38	292	19:28
2025	May	27	(Tue)	04:58	05:48	68	12:13	83N	18:38	292	19:29
2025	May	28	(Wed)	04:58	05:48	68	12:13	83N	18:39	292	19:29
2025	May	29	(Thu)	04:58	05:48	68	12:13	82N	18:39	293	19:29
2025	May	30	(Fri)	04:58	05:48	67	12:14	82N	18:39	293	19:30
2025	May	31	(Sat)	04:58	05:48	67	12:14	82N	18:40	293	19:30
2025	Jun	01	(Sun)	04:58	05:48	67	12:14	82N	18:40	293	19:30
2025	Jun	02	(Mon)	04:57	05:48	67	12:14	82N	18:40	293	19:31
2025	Jun	03	(Tue)	04:57	05:48	67	12:14	82N	18:40	293	19:31
2025	Jun	04	(Wed)	04:57	05:48	67	12:14	82N	18:41	293	19:31
2025	Jun	05	(Thu)	04:57	05:48	67	12:15	82N	18:41	293	19:32
2025	Jun	06	(Fri)	04:57	05:48	66	12:15	81N	18:41	294	19:32
2025	Jun	07	(Sat)	04:57	05:48	66	12:15	81N	18:42	294	19:32
2025	Jun	08	(Sun)	04:57	05:48	66	12:15	81N	18:42	294	19:33
2025	Jun	09	(Mon)	04:58	05:48	66	12:15	81N	18:42	294	19:33
2025	Jun	10	(Tue)	04:58	05:49	66	12:16	81N	18:43	294	19:33
2025	Jun	11	(Wed)	04:58	05:49	66	12:16	81N	18:43	294	19:34
2025	Jun	12	(Thu)	04:58	05:49	66	12:16	81N	18:43	294	19:34
2025	Jun	13	(Fri)	04:58	05:49	66	12:16	81N	18:43	294	19:34
2025	Jun	14	(Sat)	04:58	05:49	66	12:16	81N	18:44	294	19:35
2025	Jun	15	(Sun)	04:58	05:49	66	12:17	81N	18:44	294	19:35
2025	Jun	16	(Mon)	04:58	05:49	66	12:17	81N	18:44	294	19:35
2025	Jun	17	(Tue)	04:58	05:50	66	12:17	81N	18:44	294	19:35
2025	Jun	18	(Wed)	04:59	05:50	66	12:17	81N	18:45	294	19:36
2025	Jun	19	(Thu)	04:59	05:50	66	12:17	81N	18:45	294	19:36
2025	Jun	20	(Fri)	04:59	05:50	66	12:18	81N	18:45	294	19:36
2025	Jun	21	(Sat)	04:59	05:50	66	12:18	81N	18:45	294	19:36
2025	Jun	22	(Sun)	04:59	05:51	66	12:18	81N	18:46	294	19:37
2025	Jun	23	(Mon)	05:00	05:51	66	12:18	81N	18:46	294	19:37
2025	Jun	24	(Tue)	05:00	05:51	66	12:18	81N	18:46	294	19:37
2025	Jun	25	(Wed)	05:00	05:51	66	12:19	81N	18:46	294	19:37
2025	Jun	26	(Thu)	05:00	05:52	66	12:19	81N	18:46	294	19:37
2025	Jun	27	(Fri)	05:01	05:52	66	12:19	81N	18:46	294	19:38
2025	Jun	28	(Sat)	05:01	05:52	66	12:19	81N	18:47	294	19:38
2025	Jun	29	(Sun)	05:01	05:52	66	12:20	81N	18:47	294	19:38
2025	Jun	30	(Mon)	05:02	05:53	66	12:20	81N	18:47	294	19:38
2025	Jul	01	(Tue)	05:02	05:53	66	12:20	81N	18:47	294	19:38
2025	Jul	02	(Wed)	05:02	05:53	66	12:20	81N	18:47	294	19:38
2025	Jul	03	(Thu)	05:03	05:53	66	12:20	81N	18:47	294	19:38
2025	Jul	04	(Fri)	05:03	05:54	66	12:21	81N	18:47	294	19:38
2025	Jul	05	(Sat)	05:03	05:54	66	12:21	81N	18:47	294	19:38
2025	Jul	06	(Sun)	05:03	05:54	66	12:21	81N	18:47	294	19:38
2025	Jul	07	(Mon)	05:04	05:55	67	12:21	82N	18:47	293	19:38
2025	Jul	08	(Tue)	05:04	05:55	67	12:21	82N	18:47	293	19:38
2025	Jul	09	(Wed)	05:04	05:55	67	12:21	82N	18:47	293	19:38
2025	Jul	10	(Thu)	05:05	05:55	67	12:21	82N	18:47	293	19:38
2025	Jul	11	(Fri)	05:05	05:56	67	12:22	82N	18:47	293	19:38
2025	Jul	12	(Sat)	05:05	05:56	67	12:22	82N	18:47	293	19:38
2025	Jul	13	(Sun)	05:06	05:56	67	12:22	82N	18:47	293	19:38
2025	Jul	14	(Mon)	05:06	05:57	67	12:22	82N	18:47	292	19:38
2025	Jul	15	(Tue)	05:07	05:57	68	12:22	83N	18:47	292	19:37
2025	Jul	16	(Wed)	05:07	05:57	68	12:22	83N	18:47	292	19:37
2025	Jul	17	(Thu)	05:07	05:57	68	12:22	83N	18:47	292	19:37
2025	Jul	18	(Fri)	05:08	05:58	68	12:22	83N	18:47	292	19:37
2025	Jul	19	(Sat)	05:08	05:58	68	12:22	83N	18:47	292	19:37
2025	Jul	20	(Sun)	05:08	05:58	69	12:22	83N	18:47	291	19:36
2025	Jul	21	(Mon)	05:09	05:58	69	12:22	84N	18:46	291	19:36
2025	Jul	22	(Tue)	05:09	05:59	69	12:23	84N	18:46	291	19:36
2025	Jul	23	(Wed)	05:09	05:59	69	12:23	84N	18:46	291	19:36

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

2025	Oct	04	(Sat)	05:20	06:06	94	12:05	73S	18:04	266	18:50
2025	Oct	05	(Sun)	05:20	06:06	95	12:04	73S	18:03	265	18:49
2025	Oct	06	(Mon)	05:20	06:06	95	12:04	72S	18:02	265	18:48
2025	Oct	07	(Tue)	05:20	06:06	95	12:04	72S	18:02	264	18:48
2025	Oct	08	(Wed)	05:20	06:06	96	12:04	71S	18:01	264	18:47
2025	Oct	09	(Thu)	05:20	06:06	96	12:03	71S	18:01	264	18:47
2025	Oct	10	(Fri)	05:20	06:06	97	12:03	71S	18:00	263	18:46
2025	Oct	11	(Sat)	05:20	06:06	97	12:03	70S	17:59	263	18:45
2025	Oct	12	(Sun)	05:20	06:06	97	12:03	70S	17:59	262	18:45
2025	Oct	13	(Mon)	05:20	06:06	98	12:02	69S	17:58	262	18:44
2025	Oct	14	(Tue)	05:20	06:06	98	12:02	69S	17:57	262	18:44
2025	Oct	15	(Wed)	05:20	06:07	99	12:02	69S	17:57	261	18:43
2025	Oct	16	(Thu)	05:20	06:07	99	12:02	68S	17:56	261	18:43
2025	Oct	17	(Fri)	05:20	06:07	99	12:01	68S	17:56	261	18:42
2025	Oct	18	(Sat)	05:21	06:07	100	12:01	68S	17:55	260	18:42
2025	Oct	19	(Sun)	05:21	06:07	100	12:01	67S	17:55	260	18:41
2025	Oct	20	(Mon)	05:21	06:07	100	12:01	67S	17:54	259	18:41
2025	Oct	21	(Tue)	05:21	06:08	101	12:01	67S	17:54	259	18:40
2025	Oct	22	(Wed)	05:21	06:08	101	12:01	66S	17:53	259	18:40
2025	Oct	23	(Thu)	05:21	06:08	102	12:00	66S	17:53	258	18:39
2025	Oct	24	(Fri)	05:21	06:08	102	12:00	65S	17:52	258	18:39
2025	Oct	25	(Sat)	05:22	06:08	102	12:00	65S	17:52	258	18:39
2025	Oct	26	(Sun)	05:22	06:09	103	12:00	65S	17:51	257	18:38
2025	Oct	27	(Mon)	05:22	06:09	103	12:00	64S	17:51	257	18:38
2025	Oct	28	(Tue)	05:22	06:09	103	12:00	64S	17:50	257	18:37
2025	Oct	29	(Wed)	05:22	06:09	104	12:00	64S	17:50	256	18:37
2025	Oct	30	(Thu)	05:23	06:10	104	12:00	63S	17:50	256	18:37
2025	Oct	31	(Fri)	05:23	06:10	104	12:00	63S	17:49	256	18:36
2025	Nov	01	(Sat)	05:23	06:10	105	12:00	63S	17:49	255	18:36
2025	Nov	02	(Sun)	05:23	06:10	105	12:00	63S	17:49	255	18:36
2025	Nov	03	(Mon)	05:23	06:11	105	12:00	62S	17:48	255	18:36
2025	Nov	04	(Tue)	05:24	06:11	106	12:00	62S	17:48	254	18:35
2025	Nov	05	(Wed)	05:24	06:11	106	12:00	62S	17:48	254	18:35
2025	Nov	06	(Thu)	05:24	06:12	106	12:00	61S	17:47	254	18:35
2025	Nov	07	(Fri)	05:24	06:12	107	12:00	61S	17:47	253	18:35
2025	Nov	08	(Sat)	05:25	06:12	107	12:00	61S	17:47	253	18:35
2025	Nov	09	(Sun)	05:25	06:13	107	12:00	60S	17:47	253	18:35
2025	Nov	10	(Mon)	05:25	06:13	107	12:00	60S	17:47	252	18:34
2025	Nov	11	(Tue)	05:26	06:14	108	12:00	60S	17:46	252	18:34
2025	Nov	12	(Wed)	05:26	06:14	108	12:00	60S	17:46	252	18:34
2025	Nov	13	(Thu)	05:26	06:14	108	12:00	59S	17:46	252	18:34
2025	Nov	14	(Fri)	05:27	06:15	109	12:00	59S	17:46	251	18:34
2025	Nov	15	(Sat)	05:27	06:15	109	12:01	59S	17:46	251	18:34
2025	Nov	16	(Sun)	05:27	06:16	109	12:01	59S	17:46	251	18:34
2025	Nov	17	(Mon)	05:28	06:16	109	12:01	58S	17:46	251	18:34
2025	Nov	18	(Tue)	05:28	06:17	110	12:01	58S	17:46	250	18:34
2025	Nov	19	(Wed)	05:29	06:17	110	12:01	58S	17:46	250	18:34
2025	Nov	20	(Thu)	05:29	06:17	110	12:02	58S	17:46	250	18:34
2025	Nov	21	(Fri)	05:29	06:18	110	12:02	57S	17:46	250	18:34
2025	Nov	22	(Sat)	05:30	06:18	111	12:02	57S	17:46	249	18:34
2025	Nov	23	(Sun)	05:30	06:19	111	12:02	57S	17:46	249	18:35
2025	Nov	24	(Mon)	05:31	06:19	111	12:03	57S	17:46	249	18:35
2025	Nov	25	(Tue)	05:31	06:20	111	12:03	57S	17:46	249	18:35
2025	Nov	26	(Wed)	05:32	06:20	111	12:03	56S	17:46	249	18:35
2025	Nov	27	(Thu)	05:32	06:21	112	12:04	56S	17:46	248	18:35
2025	Nov	28	(Fri)	05:32	06:21	112	12:04	56S	17:46	248	18:35
2025	Nov	29	(Sat)	05:33	06:22	112	12:04	56S	17:47	248	18:36
2025	Nov	30	(Sun)	05:33	06:23	112	12:05	56S	17:47	248	18:36
2025	Dec	01	(Mon)	05:34	06:23	112	12:05	55S	17:47	248	18:36
2025	Dec	02	(Tue)	05:34	06:24	112	12:05	55S	17:47	248	18:36
2025	Dec	03	(Wed)	05:35	06:24	113	12:06	55S	17:47	247	18:37
2025	Dec	04	(Thu)	05:35	06:25	113	12:06	55S	17:48	247	18:37
2025	Dec	05	(Fri)	05:36	06:25	113	12:07	55S	17:48	247	18:37
2025	Dec	06	(Sat)	05:36	06:26	113	12:07	55S	17:48	247	18:38
2025	Dec	07	(Sun)	05:37	06:26	113	12:07	55S	17:49	247	18:38
2025	Dec	08	(Mon)	05:37	06:27	113	12:08	55S	17:49	247	18:38
2025	Dec	09	(Tue)	05:38	06:27	113	12:08	54S	17:49	247	18:39
2025	Dec	10	(Wed)	05:38	06:28	113	12:09	54S	17:50	247	18:39
2025	Dec	11	(Thu)	05:39	06:29	113	12:09	54S	17:50	246	18:40
2025	Dec	12	(Fri)	05:39	06:29	114	12:10	54S	17:50	246	18:40
2025	Dec	13	(Sat)	05:40	06:30	114	12:10	54S	17:51	246	18:40
2025	Dec	14	(Sun)	05:41	06:30	114	12:11	54S	17:51	246	18:41

2025	Dec 15	(Mon)	05:41	06:31	114	12:11	54S	17:52	246	18:41
2025	Dec 16	(Tue)	05:42	06:31	114	12:12	54S	17:52	246	18:42
2025	Dec 17	(Wed)	05:42	06:32	114	12:12	54S	17:52	246	18:42
2025	Dec 18	(Thu)	05:43	06:32	114	12:13	54S	17:53	246	18:43
2025	Dec 19	(Fri)	05:43	06:33	114	12:13	54S	17:53	246	18:43
2025	Dec 20	(Sat)	05:44	06:33	114	12:14	54S	17:54	246	18:44
2025	Dec 21	(Sun)	05:44	06:34	114	12:14	54S	17:54	246	18:44
2025	Dec 22	(Mon)	05:45	06:34	114	12:15	54S	17:55	246	18:45
2025	Dec 23	(Tue)	05:45	06:35	114	12:15	54S	17:55	246	18:45
2025	Dec 24	(Wed)	05:46	06:35	114	12:16	54S	17:56	246	18:46
2025	Dec 25	(Thu)	05:46	06:36	114	12:16	54S	17:56	246	18:46
2025	Dec 26	(Fri)	05:47	06:36	114	12:17	54S	17:57	246	18:47
2025	Dec 27	(Sat)	05:47	06:37	114	12:17	54S	17:57	246	18:47
2025	Dec 28	(Sun)	05:47	06:37	114	12:18	54S	17:58	246	18:48
2025	Dec 29	(Mon)	05:48	06:38	114	12:18	54S	17:59	246	18:48
2025	Dec 30	(Tue)	05:48	06:38	114	12:19	54S	17:59	246	18:49
2025	Dec 31	(Wed)	05:49	06:38	114	12:19	54S	18:00	246	18:49

Sun

Chonburi

Location: E100°59'23.9", N13°22'33.5", 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)	06:16	06:39 113		12:20 54S	18:00 247		18:23
2025 Jan 02 (Thu)	06:16	06:39 113		12:20 54S	18:01 247		18:24
2025 Jan 03 (Fri)	06:17	06:40 113		12:21 55S	18:01 247		18:24
2025 Jan 04 (Sat)	06:17	06:40 113		12:21 55S	18:02 247		18:25
2025 Jan 05 (Sun)	06:17	06:40 113		12:21 55S	18:03 247		18:26
2025 Jan 06 (Mon)	06:18	06:41 113		12:22 55S	18:03 247		18:26
2025 Jan 07 (Tue)	06:18	06:41 113		12:22 55S	18:04 247		18:27
2025 Jan 08 (Wed)	06:18	06:41 113		12:23 55S	18:04 247		18:27
2025 Jan 09 (Thu)	06:19	06:42 113		12:23 55S	18:05 248		18:28
2025 Jan 10 (Fri)	06:19	06:42 112		12:24 55S	18:05 248		18:28
2025 Jan 11 (Sat)	06:19	06:42 112		12:24 56S	18:06 248		18:29
2025 Jan 12 (Sun)	06:19	06:42 112		12:24 56S	18:07 248		18:29
2025 Jan 13 (Mon)	06:20	06:42 112		12:25 56S	18:07 248		18:30
2025 Jan 14 (Tue)	06:20	06:43 112		12:25 56S	18:08 248		18:30
2025 Jan 15 (Wed)	06:20	06:43 112		12:25 56S	18:08 249		18:31
2025 Jan 16 (Thu)	06:20	06:43 111		12:26 56S	18:09 249		18:31
2025 Jan 17 (Fri)	06:20	06:43 111		12:26 57S	18:09 249		18:32
2025 Jan 18 (Sat)	06:20	06:43 111		12:26 57S	18:10 249		18:32
2025 Jan 19 (Sun)	06:21	06:43 111		12:27 57S	18:10 249		18:33
2025 Jan 20 (Mon)	06:21	06:43 110		12:27 57S	18:11 250		18:33
2025 Jan 21 (Tue)	06:21	06:43 110		12:27 57S	18:11 250		18:34
2025 Jan 22 (Wed)	06:21	06:43 110		12:28 58S	18:12 250		18:34
2025 Jan 23 (Thu)	06:21	06:43 110		12:28 58S	18:12 250		18:35
2025 Jan 24 (Fri)	06:21	06:43 110		12:28 58S	18:13 251		18:35
2025 Jan 25 (Sat)	06:21	06:43 109		12:28 58S	18:13 251		18:36
2025 Jan 26 (Sun)	06:21	06:43 109		12:29 59S	18:14 251		18:36
2025 Jan 27 (Mon)	06:21	06:43 109		12:29 59S	18:14 251		18:37
2025 Jan 28 (Tue)	06:21	06:43 109		12:29 59S	18:15 252		18:37
2025 Jan 29 (Wed)	06:21	06:43 108		12:29 59S	18:15 252		18:38
2025 Jan 30 (Thu)	06:21	06:43 108		12:29 60S	18:16 252		18:38
2025 Jan 31 (Fri)	06:21	06:43 108		12:29 60S	18:16 252		18:38
2025 Feb 01 (Sat)	06:21	06:43 107		12:30 60S	18:17 253		18:39
2025 Feb 02 (Sun)	06:20	06:43 107		12:30 61S	18:17 253		18:39
2025 Feb 03 (Mon)	06:20	06:42 107		12:30 61S	18:17 253		18:40
2025 Feb 04 (Tue)	06:20	06:42 106		12:30 61S	18:18 254		18:40
2025 Feb 05 (Wed)	06:20	06:42 106		12:30 61S	18:18 254		18:40
2025 Feb 06 (Thu)	06:20	06:42 106		12:30 62S	18:19 254		18:41
2025 Feb 07 (Fri)	06:20	06:41 106		12:30 62S	18:19 255		18:41
2025 Feb 08 (Sat)	06:19	06:41 105		12:30 62S	18:19 255		18:41
2025 Feb 09 (Sun)	06:19	06:41 105		12:30 63S	18:20 255		18:42
2025 Feb 10 (Mon)	06:19	06:41 105		12:30 63S	18:20 256		18:42
2025 Feb 11 (Tue)	06:18	06:40 104		12:30 63S	18:20 256		18:42

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

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

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

2025	Sep	16	(Tue)	05:44	06:05	87	12:11	80S	18:17	273	18:38
2025	Sep	17	(Wed)	05:44	06:05	87	12:11	79S	18:16	272	18:37
2025	Sep	18	(Thu)	05:44	06:05	88	12:10	79S	18:15	272	18:36
2025	Sep	19	(Fri)	05:44	06:05	88	12:10	79S	18:14	272	18:36
2025	Sep	20	(Sat)	05:44	06:05	89	12:09	78S	18:14	271	18:35
2025	Sep	21	(Sun)	05:44	06:05	89	12:09	78S	18:13	271	18:34
2025	Sep	22	(Mon)	05:44	06:05	89	12:09	78S	18:12	270	18:33
2025	Sep	23	(Tue)	05:44	06:05	90	12:08	77S	18:11	270	18:33
2025	Sep	24	(Wed)	05:44	06:05	90	12:08	77S	18:11	270	18:32
2025	Sep	25	(Thu)	05:44	06:05	91	12:08	76S	18:10	269	18:31
2025	Sep	26	(Fri)	05:44	06:05	91	12:07	76S	18:09	269	18:31
2025	Sep	27	(Sat)	05:44	06:05	91	12:07	76S	18:09	268	18:30
2025	Sep	28	(Sun)	05:44	06:05	92	12:07	75S	18:08	268	18:29
2025	Sep	29	(Mon)	05:44	06:05	92	12:06	75S	18:07	268	18:28
2025	Sep	30	(Tue)	05:44	06:05	93	12:06	74S	18:07	267	18:28
2025	Oct	01	(Wed)	05:44	06:05	93	12:06	74S	18:06	267	18:27
2025	Oct	02	(Thu)	05:44	06:05	93	12:05	74S	18:05	266	18:26
2025	Oct	03	(Fri)	05:44	06:06	94	12:05	73S	18:04	266	18:26
2025	Oct	04	(Sat)	05:44	06:06	94	12:05	73S	18:04	266	18:25
2025	Oct	05	(Sun)	05:44	06:06	95	12:04	73S	18:03	265	18:24
2025	Oct	06	(Mon)	05:44	06:06	95	12:04	72S	18:02	265	18:24
2025	Oct	07	(Tue)	05:44	06:06	95	12:04	72S	18:02	264	18:23
2025	Oct	08	(Wed)	05:45	06:06	96	12:04	71S	18:01	264	18:23
2025	Oct	09	(Thu)	05:45	06:06	96	12:03	71S	18:01	264	18:22
2025	Oct	10	(Fri)	05:45	06:06	97	12:03	71S	18:00	263	18:21
2025	Oct	11	(Sat)	05:45	06:06	97	12:03	70S	17:59	263	18:21
2025	Oct	12	(Sun)	05:45	06:06	97	12:03	70S	17:59	262	18:20
2025	Oct	13	(Mon)	05:45	06:06	98	12:02	69S	17:58	262	18:19
2025	Oct	14	(Tue)	05:45	06:06	98	12:02	69S	17:57	262	18:19
2025	Oct	15	(Wed)	05:45	06:07	99	12:02	69S	17:57	261	18:18
2025	Oct	16	(Thu)	05:45	06:07	99	12:02	68S	17:56	261	18:18
2025	Oct	17	(Fri)	05:45	06:07	99	12:01	68S	17:56	261	18:17
2025	Oct	18	(Sat)	05:46	06:07	100	12:01	68S	17:55	260	18:17
2025	Oct	19	(Sun)	05:46	06:07	100	12:01	67S	17:55	260	18:16
2025	Oct	20	(Mon)	05:46	06:07	100	12:01	67S	17:54	259	18:16
2025	Oct	21	(Tue)	05:46	06:08	101	12:01	67S	17:54	259	18:15
2025	Oct	22	(Wed)	05:46	06:08	101	12:01	66S	17:53	259	18:15
2025	Oct	23	(Thu)	05:46	06:08	102	12:00	66S	17:53	258	18:14
2025	Oct	24	(Fri)	05:46	06:08	102	12:00	65S	17:52	258	18:14
2025	Oct	25	(Sat)	05:47	06:08	102	12:00	65S	17:52	258	18:13
2025	Oct	26	(Sun)	05:47	06:09	103	12:00	65S	17:51	257	18:13
2025	Oct	27	(Mon)	05:47	06:09	103	12:00	64S	17:51	257	18:13
2025	Oct	28	(Tue)	05:47	06:09	103	12:00	64S	17:50	257	18:12
2025	Oct	29	(Wed)	05:48	06:09	104	12:00	64S	17:50	256	18:12
2025	Oct	30	(Thu)	05:48	06:10	104	12:00	63S	17:50	256	18:12
2025	Oct	31	(Fri)	05:48	06:10	104	12:00	63S	17:49	256	18:11
2025	Nov	01	(Sat)	05:48	06:10	105	12:00	63S	17:49	255	18:11
2025	Nov	02	(Sun)	05:49	06:10	105	12:00	63S	17:49	255	18:11
2025	Nov	03	(Mon)	05:49	06:11	105	12:00	62S	17:48	255	18:10
2025	Nov	04	(Tue)	05:49	06:11	106	12:00	62S	17:48	254	18:10
2025	Nov	05	(Wed)	05:49	06:11	106	12:00	62S	17:48	254	18:10
2025	Nov	06	(Thu)	05:50	06:12	106	12:00	61S	17:47	254	18:10
2025	Nov	07	(Fri)	05:50	06:12	107	12:00	61S	17:47	253	18:09
2025	Nov	08	(Sat)	05:50	06:12	107	12:00	61S	17:47	253	18:09
2025	Nov	09	(Sun)	05:51	06:13	107	12:00	60S	17:47	253	18:09
2025	Nov	10	(Mon)	05:51	06:13	107	12:00	60S	17:47	252	18:09
2025	Nov	11	(Tue)	05:51	06:14	108	12:00	60S	17:46	252	18:09
2025	Nov	12	(Wed)	05:52	06:14	108	12:00	60S	17:46	252	18:09
2025	Nov	13	(Thu)	05:52	06:14	108	12:00	59S	17:46	252	18:08
2025	Nov	14	(Fri)	05:52	06:15	109	12:00	59S	17:46	251	18:08
2025	Nov	15	(Sat)	05:53	06:15	109	12:01	59S	17:46	251	18:08
2025	Nov	16	(Sun)	05:53	06:16	109	12:01	59S	17:46	251	18:08
2025	Nov	17	(Mon)	05:54	06:16	109	12:01	58S	17:46	251	18:08
2025	Nov	18	(Tue)	05:54	06:17	110	12:01	58S	17:46	250	18:08
2025	Nov	19	(Wed)	05:55	06:17	110	12:01	58S	17:46	250	18:08
2025	Nov	20	(Thu)	05:55	06:17	110	12:02	58S	17:46	250	18:08
2025	Nov	21	(Fri)	05:55	06:18	110	12:02	57S	17:46	250	18:08
2025	Nov	22	(Sat)	05:56	06:18	111	12:02	57S	17:46	249	18:08
2025	Nov	23	(Sun)	05:56	06:19	111	12:02	57S	17:46	249	18:08
2025	Nov	24	(Mon)	05:57	06:19	111	12:03	57S	17:46	249	18:09
2025	Nov	25	(Tue)	05:57	06:20	111	12:03	57S	17:46	249	18:09
2025	Nov	26	(Wed)	05:58	06:20	111	12:03	56S	17:46	249	18:09

2025	Nov	27	(Thu)	05:58	06:21	112	12:04	56S	17:46	248	18:09
2025	Nov	28	(Fri)	05:59	06:21	112	12:04	56S	17:46	248	18:09
2025	Nov	29	(Sat)	05:59	06:22	112	12:04	56S	17:47	248	18:09
2025	Nov	30	(Sun)	06:00	06:23	112	12:05	56S	17:47	248	18:10
2025	Dec	01	(Mon)	06:00	06:23	112	12:05	55S	17:47	248	18:10
2025	Dec	02	(Tue)	06:01	06:24	112	12:05	55S	17:47	248	18:10
2025	Dec	03	(Wed)	06:01	06:24	113	12:06	55S	17:47	247	18:10
2025	Dec	04	(Thu)	06:02	06:25	113	12:06	55S	17:48	247	18:11
2025	Dec	05	(Fri)	06:02	06:25	113	12:07	55S	17:48	247	18:11
2025	Dec	06	(Sat)	06:03	06:26	113	12:07	55S	17:48	247	18:11
2025	Dec	07	(Sun)	06:03	06:26	113	12:07	55S	17:49	247	18:11
2025	Dec	08	(Mon)	06:04	06:27	113	12:08	55S	17:49	247	18:12
2025	Dec	09	(Tue)	06:04	06:27	113	12:08	54S	17:49	247	18:12
2025	Dec	10	(Wed)	06:05	06:28	113	12:09	54S	17:50	247	18:13
2025	Dec	11	(Thu)	06:06	06:29	113	12:09	54S	17:50	246	18:13
2025	Dec	12	(Fri)	06:06	06:29	114	12:10	54S	17:50	246	18:13
2025	Dec	13	(Sat)	06:07	06:30	114	12:10	54S	17:51	246	18:14
2025	Dec	14	(Sun)	06:07	06:30	114	12:11	54S	17:51	246	18:14
2025	Dec	15	(Mon)	06:08	06:31	114	12:11	54S	17:52	246	18:15
2025	Dec	16	(Tue)	06:08	06:31	114	12:12	54S	17:52	246	18:15
2025	Dec	17	(Wed)	06:09	06:32	114	12:12	54S	17:52	246	18:15
2025	Dec	18	(Thu)	06:09	06:32	114	12:13	54S	17:53	246	18:16
2025	Dec	19	(Fri)	06:10	06:33	114	12:13	54S	17:53	246	18:16
2025	Dec	20	(Sat)	06:10	06:33	114	12:14	54S	17:54	246	18:17
2025	Dec	21	(Sun)	06:11	06:34	114	12:14	54S	17:54	246	18:17
2025	Dec	22	(Mon)	06:11	06:34	114	12:15	54S	17:55	246	18:18
2025	Dec	23	(Tue)	06:12	06:35	114	12:15	54S	17:55	246	18:18
2025	Dec	24	(Wed)	06:12	06:35	114	12:16	54S	17:56	246	18:19
2025	Dec	25	(Thu)	06:13	06:36	114	12:16	54S	17:56	246	18:19
2025	Dec	26	(Fri)	06:13	06:36	114	12:17	54S	17:57	246	18:20
2025	Dec	27	(Sat)	06:14	06:37	114	12:17	54S	17:57	246	18:21
2025	Dec	28	(Sun)	06:14	06:37	114	12:18	54S	17:58	246	18:21
2025	Dec	29	(Mon)	06:15	06:38	114	12:18	54S	17:59	246	18:22
2025	Dec	30	(Tue)	06:15	06:38	114	12:19	54S	17:59	246	18:22
2025	Dec	31	(Wed)	06:15	06:38	114	12:19	54S	18:00	246	18:23

Moon

Chonburi

Location: E100°59'23.9", N13°22'33.5", 0m
(Longitude referred to Greenwich meridian)

Time Zone: 7h 00m east of Greenwich

Date (Zone)	Rise Az.			Transit Alt.			Set Az.		
	h	m	°	h	m	°	h	m	°
2025	Jan	01	(Wed)	07:48	117		13:34	52S	19:22 245
2025	Jan	02	(Thu)	08:39	113		14:28	56S	20:21 250
2025	Jan	03	(Fri)	09:25	107		15:20	61S	21:18 255
2025	Jan	04	(Sat)	10:08	101		16:09	68S	22:13 262
2025	Jan	05	(Sun)	10:49	94		16:56	74S	23:07 269
2025	Jan	06	(Mon)	11:30	87		17:44	82S	
2025	Jan	07	(Tue)	12:11	80		18:32	88S	00:01 276
2025	Jan	08	(Wed)	12:54	74		19:23	87N	00:56 283
2025	Jan	09	(Thu)	13:42	68		20:17	82N	01:54 289
2025	Jan	10	(Fri)	14:34	64		21:15	78N	02:55 294
2025	Jan	11	(Sat)	15:31	61		22:16	76N	03:58 298
2025	Jan	12	(Sun)	16:32	61		23:17	76N	05:02 299
2025	Jan	13	(Mon)	17:34	62				06:02 299
2025	Jan	14	(Tue)	18:34	65		00:17	77N	06:58 296
2025	Jan	15	(Wed)	19:30	70		01:12	81N	07:47 293
2025	Jan	16	(Thu)	20:23	75		02:02	86N	08:31 288
2025	Jan	17	(Fri)	21:12	81		02:48	90S	09:10 282
2025	Jan	18	(Sat)	21:58	87		03:30	85S	09:46 276
2025	Jan	19	(Sun)	22:43	93		04:11	79S	10:20 270
2025	Jan	20	(Mon)	23:28	99		04:50	73S	10:54 264
2025	Jan	21	(Tue)				05:29	67S	11:28 258
2025	Jan	22	(Wed)	00:14	105		06:10	62S	12:04 253
2025	Jan	23	(Thu)	01:02	110		06:54	57S	12:43 248
2025	Jan	24	(Fri)	01:53	114		07:41	53S	13:26 244
2025	Jan	25	(Sat)	02:47	117		08:31	50S	14:15 242

2025 Jan 26 (Sun)	03:43 119	09:26 48S	15:09 241
2025 Jan 27 (Mon)	04:40 119	10:23 48S	16:07 241
2025 Jan 28 (Tue)	05:36 118	11:21 50S	17:07 243
2025 Jan 29 (Wed)	06:29 115	12:17 54S	18:08 248
2025 Jan 30 (Thu)	07:19 110	13:12 59S	19:07 253
2025 Jan 31 (Fri)	08:04 104	14:03 65S	20:05 260
2025 Feb 01 (Sat)	08:47 97	14:52 72S	21:01 267
2025 Feb 02 (Sun)	09:29 89	15:40 79S	21:56 274
2025 Feb 03 (Mon)	10:10 82	16:29 87S	22:52 281
2025 Feb 04 (Tue)	10:53 76	17:19 88N	23:49 288
2025 Feb 05 (Wed)	11:39 70	18:13 83N	
2025 Feb 06 (Thu)	12:29 65	19:09 78N	00:49 293
2025 Feb 07 (Fri)	13:24 62	20:08 76N	01:51 297
2025 Feb 08 (Sat)	14:23 61	21:08 75N	02:53 299
2025 Feb 09 (Sun)	15:23 61	22:07 76N	03:53 299
2025 Feb 10 (Mon)	16:23 64	23:03 79N	04:49 298
2025 Feb 11 (Tue)	17:20 68	23:54 84N	05:40 294
2025 Feb 12 (Wed)	18:13 73		06:25 290
2025 Feb 13 (Thu)	19:03 78	00:41 89N	07:06 284
2025 Feb 14 (Fri)	19:51 85	01:25 87S	07:43 278
2025 Feb 15 (Sat)	20:37 91	02:06 81S	08:18 272
2025 Feb 16 (Sun)	21:22 97	02:46 75S	08:52 266
2025 Feb 17 (Mon)	22:08 103	03:25 69S	09:25 260
2025 Feb 18 (Tue)	22:55 108	04:05 63S	10:01 255
2025 Feb 19 (Wed)	23:44 112	04:48 58S	10:38 250
2025 Feb 20 (Thu)		05:33 54S	11:19 246
2025 Feb 21 (Fri)	00:36 116	06:21 51S	12:05 243
2025 Feb 22 (Sat)	01:30 119	07:13 49S	12:55 241
2025 Feb 23 (Sun)	02:26 120	08:08 48S	13:51 241
2025 Feb 24 (Mon)	03:21 119	09:05 49S	14:49 242
2025 Feb 25 (Tue)	04:15 116	10:02 52S	15:50 245
2025 Feb 26 (Wed)	05:06 112	10:57 56S	16:50 250
2025 Feb 27 (Thu)	05:54 107	11:50 62S	17:49 256
2025 Feb 28 (Fri)	06:39 100	12:41 69S	18:47 263
2025 Mar 01 (Sat)	07:22 93	13:31 76S	19:44 271
2025 Mar 02 (Sun)	08:05 85	14:21 84S	20:42 279
2025 Mar 03 (Mon)	08:49 78	15:13 91N	21:40 286
2025 Mar 04 (Tue)	09:35 71	16:06 84N	22:41 292
2025 Mar 05 (Wed)	10:25 66	17:03 80N	23:44 296
2025 Mar 06 (Thu)	11:19 62	18:03 76N	
2025 Mar 07 (Fri)	12:17 61	19:03 75N	00:47 299
2025 Mar 08 (Sat)	13:17 61	20:02 76N	01:48 300
2025 Mar 09 (Sun)	14:17 63	20:58 78N	02:45 298
2025 Mar 10 (Mon)	15:14 66	21:50 82N	03:37 296
2025 Mar 11 (Tue)	16:08 71	22:38 87N	04:23 291
2025 Mar 12 (Wed)	16:58 76	23:22 89S	05:05 286
2025 Mar 13 (Thu)	17:46 82		05:42 281
2025 Mar 14 (Fri)	18:32 88	00:03 83S	06:17 275
2025 Mar 15 (Sat)	19:17 95	00:43 77S	06:51 269
2025 Mar 16 (Sun)	20:03 100	01:22 71S	07:25 263
2025 Mar 17 (Mon)	20:49 106	02:02 65S	07:59 257
2025 Mar 18 (Tue)	21:37 111	02:44 60S	08:36 252
2025 Mar 19 (Wed)	22:28 115	03:28 56S	09:16 247
2025 Mar 20 (Thu)	23:21 118	04:14 52S	09:59 244
2025 Mar 21 (Fri)		05:04 49S	10:47 241
2025 Mar 22 (Sat)	00:15 119	05:57 48S	11:39 240
2025 Mar 23 (Sun)	01:10 119	06:52 48S	12:35 241
2025 Mar 24 (Mon)	02:03 118	07:47 50S	13:33 243
2025 Mar 25 (Tue)	02:54 115	08:42 54S	14:32 248
2025 Mar 26 (Wed)	03:42 110	09:35 59S	15:30 253
2025 Mar 27 (Thu)	04:27 104	10:26 65S	16:28 260
2025 Mar 28 (Fri)	05:11 97	11:17 72S	17:26 267
2025 Mar 29 (Sat)	05:54 89	12:07 80S	18:24 275
2025 Mar 30 (Sun)	06:38 81	12:59 87S	19:23 282
2025 Mar 31 (Mon)	07:25 74	13:53 87N	20:26 289
2025 Apr 01 (Tue)	08:15 68	14:51 81N	21:30 294
2025 Apr 02 (Wed)	09:10 64	15:52 77N	22:36 298
2025 Apr 03 (Thu)	10:09 61	16:54 75N	23:40 299
2025 Apr 04 (Fri)	11:10 61	17:55 75N	
2025 Apr 05 (Sat)	12:11 62	18:54 77N	00:40 299
2025 Apr 06 (Sun)	13:09 65	19:47 81N	01:34 297
2025 Apr 07 (Mon)	14:04 69	20:36 85N	02:22 293

2025 Apr 08 (Tue)	14:55 75	21:21 90N	03:05 288
2025 Apr 09 (Wed)	15:44 80	22:03 85S	03:43 282
2025 Apr 10 (Thu)	16:30 86	22:43 79S	04:19 277
2025 Apr 11 (Fri)	17:15 92	23:22 73S	04:53 271
2025 Apr 12 (Sat)	18:00 98		05:26 265
2025 Apr 13 (Sun)	18:46 104	00:01 67S	06:00 259
2025 Apr 14 (Mon)	19:33 109	00:42 62S	06:36 253
2025 Apr 15 (Tue)	20:23 114	01:25 57S	07:14 249
2025 Apr 16 (Wed)	21:15 117	02:11 53S	07:56 245
2025 Apr 17 (Thu)	22:09 119	02:59 50S	08:43 242
2025 Apr 18 (Fri)	23:03 120	03:51 48S	09:33 241
2025 Apr 19 (Sat)	23:55 119	04:45 48S	10:27 241
2025 Apr 20 (Sun)		05:39 49S	11:23 242
2025 Apr 21 (Mon)	00:46 116	06:32 52S	12:20 246
2025 Apr 22 (Tue)	01:34 112	07:24 57S	13:17 250
2025 Apr 23 (Wed)	02:19 107	08:14 62S	14:13 256
2025 Apr 24 (Thu)	03:01 100	09:03 69S	15:08 263
2025 Apr 25 (Fri)	03:43 93	09:52 76S	16:05 271
2025 Apr 26 (Sat)	04:26 85	10:43 83S	17:03 278
2025 Apr 27 (Sun)	05:11 78	11:36 91N	18:04 286
2025 Apr 28 (Mon)	06:00 71	12:32 84N	19:08 292
2025 Apr 29 (Tue)	06:54 66	13:33 79N	20:15 296
2025 Apr 30 (Wed)	07:52 62	14:37 76N	21:23 299
2025 May 01 (Thu)	08:55 61	15:41 75N	22:27 299
2025 May 02 (Fri)	09:59 61	16:43 76N	23:26 298
2025 May 03 (Sat)	11:00 64	17:41 79N	
2025 May 04 (Sun)	11:58 68	18:32 84N	00:18 294
2025 May 05 (Mon)	12:51 73	19:19 89N	01:03 290
2025 May 06 (Tue)	13:41 79	20:02 87S	01:43 284
2025 May 07 (Wed)	14:28 85	20:42 81S	02:20 278
2025 May 08 (Thu)	15:13 91	21:22 75S	02:54 272
2025 May 09 (Fri)	15:58 97	22:01 69S	03:28 266
2025 May 10 (Sat)	16:43 102	22:41 64S	04:01 261
2025 May 11 (Sun)	17:30 108	23:23 59S	04:36 255
2025 May 12 (Mon)	18:19 112		05:14 250
2025 May 13 (Tue)	19:11 116	00:08 54S	05:55 246
2025 May 14 (Wed)	20:04 118	00:56 51S	06:40 243
2025 May 15 (Thu)	20:58 119	01:47 49S	07:30 241
2025 May 16 (Fri)	21:51 119	02:40 48S	08:22 241
2025 May 17 (Sat)	22:42 117	03:34 49S	09:18 242
2025 May 18 (Sun)	23:30 113	04:27 51S	10:14 245
2025 May 19 (Mon)		05:19 55S	11:09 249
2025 May 20 (Tue)	00:15 108	06:08 60S	12:04 254
2025 May 21 (Wed)	00:57 103	06:56 66S	12:58 261
2025 May 22 (Thu)	01:37 96	07:43 73S	13:52 268
2025 May 23 (Fri)	02:18 89	08:31 80S	14:47 275
2025 May 24 (Sat)	03:01 82	09:21 87S	15:45 282
2025 May 25 (Sun)	03:46 75	10:14 87N	16:46 289
2025 May 26 (Mon)	04:37 69	11:12 82N	17:52 294
2025 May 27 (Tue)	05:33 64	12:15 78N	19:00 298
2025 May 28 (Wed)	06:35 61	13:21 76N	20:07 299
2025 May 29 (Thu)	07:40 61	14:26 76N	21:11 298
2025 May 30 (Fri)	08:44 63	15:27 78N	22:07 296
2025 May 31 (Sat)	09:46 66	16:23 82N	22:57 291
2025 Jun 01 (Sun)	10:43 71	17:13 87N	23:40 286
2025 Jun 02 (Mon)	11:35 77	17:58 89S	
2025 Jun 03 (Tue)	12:23 83	18:40 83S	00:18 280
2025 Jun 04 (Wed)	13:09 89	19:20 77S	00:54 274
2025 Jun 05 (Thu)	13:54 95	19:59 71S	01:28 268
2025 Jun 06 (Fri)	14:40 101	20:39 65S	02:02 262
2025 Jun 07 (Sat)	15:26 106	21:21 60S	02:36 257
2025 Jun 08 (Sun)	16:15 111	22:05 56S	03:13 252
2025 Jun 09 (Mon)	17:05 115	22:52 52S	03:53 247
2025 Jun 10 (Tue)	17:59 118	23:42 50S	04:37 244
2025 Jun 11 (Wed)	18:53 119		05:25 242
2025 Jun 12 (Thu)	19:47 119	00:35 48S	06:18 241
2025 Jun 13 (Fri)	20:39 117	01:30 49S	07:13 241
2025 Jun 14 (Sat)	21:28 114	02:23 51S	08:09 244
2025 Jun 15 (Sun)	22:13 110	03:16 54S	09:05 248
2025 Jun 16 (Mon)	22:56 104	04:05 59S	10:00 253
2025 Jun 17 (Tue)	23:36 98	04:53 65S	10:53 259
2025 Jun 18 (Wed)		05:40 71S	11:46 265

2025 Jun 19 (Thu)	00:16 91	06:26 78S	12:39 272
2025 Jun 20 (Fri)	00:56 84	07:13 85S	13:34 280
2025 Jun 21 (Sat)	01:39 77	08:03 90N	14:32 286
2025 Jun 22 (Sun)	02:25 71	08:58 84N	15:34 292
2025 Jun 23 (Mon)	03:18 66	09:57 79N	16:39 296
2025 Jun 24 (Tue)	04:16 62	11:00 76N	17:46 299
2025 Jun 25 (Wed)	05:19 61	12:05 75N	18:51 299
2025 Jun 26 (Thu)	06:24 62	13:09 77N	19:52 297
2025 Jun 27 (Fri)	07:28 64	14:08 80N	20:45 293
2025 Jun 28 (Sat)	08:29 69	15:02 85N	21:32 288
2025 Jun 29 (Sun)	09:24 74	15:50 90N	22:14 283
2025 Jun 30 (Mon)	10:15 80	16:35 85S	22:51 277
2025 Jul 01 (Tue)	11:03 86	17:16 79S	23:26 270
2025 Jul 02 (Wed)	11:49 93	17:56 73S	
2025 Jul 03 (Thu)	12:35 99	18:36 67S	00:00 264
2025 Jul 04 (Fri)	13:21 104	19:17 62S	00:35 259
2025 Jul 05 (Sat)	14:09 109	20:00 57S	01:11 253
2025 Jul 06 (Sun)	14:59 114	20:46 53S	01:50 249
2025 Jul 07 (Mon)	15:51 117	21:35 50S	02:32 245
2025 Jul 08 (Tue)	16:45 119	22:28 49S	03:19 242
2025 Jul 09 (Wed)	17:40 119	23:22 48S	04:10 241
2025 Jul 10 (Thu)	18:33 118		05:05 241
2025 Jul 11 (Fri)	19:24 115	00:17 50S	06:02 243
2025 Jul 12 (Sat)	20:11 111	01:11 53S	06:59 246
2025 Jul 13 (Sun)	20:55 106	02:02 57S	07:55 251
2025 Jul 14 (Mon)	21:36 100	02:51 63S	08:50 257
2025 Jul 15 (Tue)	22:16 93	03:38 69S	09:43 264
2025 Jul 16 (Wed)	22:56 86	04:24 76S	10:36 271
2025 Jul 17 (Thu)	23:37 79	05:11 83S	11:29 278
2025 Jul 18 (Fri)		05:59 90S	12:25 284
2025 Jul 19 (Sat)	00:21 73	06:51 86N	13:24 290
2025 Jul 20 (Sun)	01:10 67	07:46 81N	14:26 295
2025 Jul 21 (Mon)	02:04 63	08:47 77N	15:31 298
2025 Jul 22 (Tue)	03:04 61	09:50 75N	16:36 299
2025 Jul 23 (Wed)	04:07 61	10:53 76N	17:37 298
2025 Jul 24 (Thu)	05:11 63	11:54 78N	18:33 295
2025 Jul 25 (Fri)	06:13 67	12:50 82N	19:23 291
2025 Jul 26 (Sat)	07:11 72	13:40 88N	20:07 285
2025 Jul 27 (Sun)	08:04 78	14:27 88S	20:46 279
2025 Jul 28 (Mon)	08:54 84	15:10 82S	21:23 273
2025 Jul 29 (Tue)	09:42 90	15:51 75S	21:58 267
2025 Jul 30 (Wed)	10:28 96	16:31 69S	22:32 261
2025 Jul 31 (Thu)	11:14 102	17:12 64S	23:08 255
2025 Aug 01 (Fri)	12:01 108	17:55 59S	23:46 250
2025 Aug 02 (Sat)	12:50 112	18:39 54S	
2025 Aug 03 (Sun)	13:42 116	19:27 51S	00:26 246
2025 Aug 04 (Mon)	14:35 118	20:18 49S	01:11 243
2025 Aug 05 (Tue)	15:29 119	21:12 48S	02:01 241
2025 Aug 06 (Wed)	16:24 119	22:07 49S	02:54 241
2025 Aug 07 (Thu)	17:16 117	23:01 51S	03:51 242
2025 Aug 08 (Fri)	18:05 113	23:54 55S	04:48 245
2025 Aug 09 (Sat)	18:51 108		05:46 249
2025 Aug 10 (Sun)	19:34 102	00:45 61S	06:42 255
2025 Aug 11 (Mon)	20:15 95	01:34 67S	07:37 261
2025 Aug 12 (Tue)	20:55 88	02:21 74S	08:31 268
2025 Aug 13 (Wed)	21:36 81	03:08 81S	09:25 276
2025 Aug 14 (Thu)	22:20 74	03:57 88S	10:20 282
2025 Aug 15 (Fri)	23:07 69	04:47 87N	11:19 289
2025 Aug 16 (Sat)	23:59 64	05:42 82N	12:19 294
2025 Aug 17 (Sun)		06:40 78N	13:23 298
2025 Aug 18 (Mon)	00:56 61	07:41 76N	14:26 299
2025 Aug 19 (Tue)	01:57 61	08:43 75N	15:28 299
2025 Aug 20 (Wed)	03:00 62	09:43 77N	16:25 297
2025 Aug 21 (Thu)	04:01 65	10:40 81N	17:16 293
2025 Aug 22 (Fri)	04:59 70	11:32 85N	18:01 288
2025 Aug 23 (Sat)	05:54 75	12:20 90S	18:42 282
2025 Aug 24 (Sun)	06:45 81	13:04 84S	19:19 276
2025 Aug 25 (Mon)	07:34 88	13:46 78S	19:55 269
2025 Aug 26 (Tue)	08:20 94	14:27 72S	20:30 263
2025 Aug 27 (Wed)	09:07 100	15:07 66S	21:05 257
2025 Aug 28 (Thu)	09:54 106	15:49 61S	21:42 252
2025 Aug 29 (Fri)	10:42 110	16:33 56S	22:21 248

2025 Aug 30 (Sat)	11:33 115	17:19 52S	23:04 244
2025 Aug 31 (Sun)	12:25 118	18:09 50S	23:51 242
2025 Sep 01 (Mon)	13:18 119	19:01 48S	
2025 Sep 02 (Tue)	14:12 119	19:54 48S	00:43 240
2025 Sep 03 (Wed)	15:05 118	20:49 50S	01:37 241
2025 Sep 04 (Thu)	15:55 115	21:42 53S	02:34 243
2025 Sep 05 (Fri)	16:42 111	22:34 58S	03:31 247
2025 Sep 06 (Sat)	17:27 105	23:24 64S	04:28 252
2025 Sep 07 (Sun)	18:09 98		05:24 258
2025 Sep 08 (Mon)	18:50 91	00:13 71S	06:19 265
2025 Sep 09 (Tue)	19:32 84	01:01 78S	07:15 273
2025 Sep 10 (Wed)	20:16 77	01:50 85S	08:12 280
2025 Sep 11 (Thu)	21:03 70	02:41 89N	09:10 287
2025 Sep 12 (Fri)	21:55 65	03:36 83N	10:12 292
2025 Sep 13 (Sat)	22:51 62	04:34 79N	11:16 297
2025 Sep 14 (Sun)	23:51 61	05:35 76N	12:20 299
2025 Sep 15 (Mon)		06:37 75N	13:23 299
2025 Sep 16 (Tue)	00:53 61	07:38 76N	14:20 298
2025 Sep 17 (Wed)	01:54 64	08:35 79N	15:12 294
2025 Sep 18 (Thu)	02:53 68	09:27 84N	15:59 290
2025 Sep 19 (Fri)	03:47 73	10:15 89N	16:40 284
2025 Sep 20 (Sat)	04:39 79	11:00 87S	17:18 278
2025 Sep 21 (Sun)	05:28 85	11:42 80S	17:54 272
2025 Sep 22 (Mon)	06:15 91	12:23 74S	18:28 265
2025 Sep 23 (Tue)	07:01 98	13:04 68S	19:03 260
2025 Sep 24 (Wed)	07:48 103	13:45 63S	19:40 254
2025 Sep 25 (Thu)	08:36 109	14:28 58S	20:18 249
2025 Sep 26 (Fri)	09:25 113	15:13 54S	20:59 245
2025 Sep 27 (Sat)	10:17 116	16:01 50S	21:45 242
2025 Sep 28 (Sun)	11:09 119	16:52 49S	22:34 241
2025 Sep 29 (Mon)	12:02 119	17:44 48S	23:26 241
2025 Sep 30 (Tue)	12:54 119	18:37 49S	
2025 Oct 01 (Wed)	13:45 117	19:30 52S	00:21 242
2025 Oct 02 (Thu)	14:32 113	20:21 56S	01:17 245
2025 Oct 03 (Fri)	15:17 108	21:11 61S	02:13 249
2025 Oct 04 (Sat)	16:00 102	22:00 67S	03:08 255
2025 Oct 05 (Sun)	16:41 95	22:48 74S	04:03 262
2025 Oct 06 (Mon)	17:23 87	23:38 82S	04:59 269
2025 Oct 07 (Tue)	18:07 80		05:56 276
2025 Oct 08 (Wed)	18:54 73	00:29 89S	06:55 284
2025 Oct 09 (Thu)	19:45 67	01:24 86N	07:57 290
2025 Oct 10 (Fri)	20:42 63	02:22 81N	09:03 295
2025 Oct 11 (Sat)	21:43 61	03:25 77N	10:09 298
2025 Oct 12 (Sun)	22:46 61	04:28 75N	11:15 299
2025 Oct 13 (Mon)	23:49 63	05:31 76N	12:15 298
2025 Oct 14 (Tue)		06:30 78N	13:10 295
2025 Oct 15 (Wed)	00:48 67	07:24 82N	13:58 291
2025 Oct 16 (Thu)	01:44 71	08:14 87N	14:40 286
2025 Oct 17 (Fri)	02:36 77	08:59 88S	15:19 280
2025 Oct 18 (Sat)	03:24 83	09:41 82S	15:54 274
2025 Oct 19 (Sun)	04:11 89	10:22 76S	16:29 268
2025 Oct 20 (Mon)	04:57 95	11:02 70S	17:04 262
2025 Oct 21 (Tue)	05:44 101	11:43 65S	17:39 256
2025 Oct 22 (Wed)	06:31 107	12:25 59S	18:17 251
2025 Oct 23 (Thu)	07:20 112	13:09 55S	18:57 247
2025 Oct 24 (Fri)	08:11 115	13:57 52S	19:41 243
2025 Oct 25 (Sat)	09:03 118	14:46 49S	20:28 241
2025 Oct 26 (Sun)	09:56 119	15:37 48S	21:19 241
2025 Oct 27 (Mon)	10:47 119	16:30 49S	22:13 242
2025 Oct 28 (Tue)	11:37 117	17:21 51S	23:07 244
2025 Oct 29 (Wed)	12:25 114	18:12 54S	
2025 Oct 30 (Thu)	13:09 110	19:01 59S	00:01 248
2025 Oct 31 (Fri)	13:51 104	19:48 64S	00:55 253
2025 Nov 01 (Sat)	14:32 98	20:35 71S	01:49 259
2025 Nov 02 (Sun)	15:13 91	21:23 78S	02:42 265
2025 Nov 03 (Mon)	15:55 84	22:13 85S	03:37 273
2025 Nov 04 (Tue)	16:40 77	23:06 89N	04:34 280
2025 Nov 05 (Wed)	17:29 70		05:35 287
2025 Nov 06 (Thu)	18:25 65	00:03 83N	06:41 293
2025 Nov 07 (Fri)	19:26 62	01:05 79N	07:49 297
2025 Nov 08 (Sat)	20:31 61	02:11 76N	08:58 299
2025 Nov 09 (Sun)	21:37 62	03:17 76N	10:03 299

2025 Nov 10 (Mon)	22:40 65	04:20 77N	11:02 296
2025 Nov 11 (Tue)	23:38 70	05:18 81N	11:54 292
2025 Nov 12 (Wed)		06:10 86N	12:39 287
2025 Nov 13 (Thu)	00:32 75	06:57 90S	13:19 282
2025 Nov 14 (Fri)	01:22 81	07:40 84S	13:56 276
2025 Nov 15 (Sat)	02:09 88	08:22 78S	14:31 269
2025 Nov 16 (Sun)	02:56 94	09:02 72S	15:05 263
2025 Nov 17 (Mon)	03:41 100	09:42 66S	15:40 258
2025 Nov 18 (Tue)	04:28 105	10:23 61S	16:17 252
2025 Nov 19 (Wed)	05:16 110	11:07 56S	16:56 248
2025 Nov 20 (Thu)	06:06 114	11:53 53S	17:39 244
2025 Nov 21 (Fri)	06:58 117	12:42 50S	18:25 242
2025 Nov 22 (Sat)	07:51 119	13:33 49S	19:15 241
2025 Nov 23 (Sun)	08:43 119	14:25 49S	20:08 241
2025 Nov 24 (Mon)	09:34 118	15:17 50S	21:02 243
2025 Nov 25 (Tue)	10:21 115	16:07 53S	21:55 246
2025 Nov 26 (Wed)	11:06 111	16:56 57S	22:48 251
2025 Nov 27 (Thu)	11:47 106	17:42 62S	23:40 256
2025 Nov 28 (Fri)	12:27 101	18:28 68S	
2025 Nov 29 (Sat)	13:06 94	19:13 75S	00:31 263
2025 Nov 30 (Sun)	13:46 87	20:00 82S	01:23 269
2025 Dec 01 (Mon)	14:28 80	20:49 89S	02:17 276
2025 Dec 02 (Tue)	15:13 73	21:43 86N	03:15 283
2025 Dec 03 (Wed)	16:05 68	22:42 81N	04:16 290
2025 Dec 04 (Thu)	17:03 63	23:47 77N	05:23 295
2025 Dec 05 (Fri)	18:07 61		06:32 298
2025 Dec 06 (Sat)	19:15 61	00:54 76N	07:41 299
2025 Dec 07 (Sun)	20:22 64	02:01 76N	08:45 298
2025 Dec 08 (Mon)	21:25 68	03:04 79N	09:42 294
2025 Dec 09 (Tue)	22:23 73	04:00 84N	10:32 289
2025 Dec 10 (Wed)	23:16 79	04:51 89N	11:15 284
2025 Dec 11 (Thu)		05:37 86S	11:54 277
2025 Dec 12 (Fri)	00:05 86	06:19 80S	12:31 271
2025 Dec 13 (Sat)	00:52 92	07:00 74S	13:05 265
2025 Dec 14 (Sun)	01:39 98	07:41 68S	13:40 259
2025 Dec 15 (Mon)	02:25 104	08:22 63S	14:16 254
2025 Dec 16 (Tue)	03:13 109	09:05 58S	14:55 249
2025 Dec 17 (Wed)	04:02 113	09:50 54S	15:36 245
2025 Dec 18 (Thu)	04:53 116	10:38 51S	16:22 243
2025 Dec 19 (Fri)	05:46 118	11:29 49S	17:11 241
2025 Dec 20 (Sat)	06:39 119	12:21 49S	18:03 241
2025 Dec 21 (Sun)	07:30 118	13:13 50S	18:57 243
2025 Dec 22 (Mon)	08:19 116	14:04 52S	19:51 245
2025 Dec 23 (Tue)	09:05 112	14:53 56S	20:45 250
2025 Dec 24 (Wed)	09:47 108	15:40 61S	21:36 255
2025 Dec 25 (Thu)	10:27 102	16:26 67S	22:27 261
2025 Dec 26 (Fri)	11:05 96	17:10 73S	23:18 267
2025 Dec 27 (Sat)	11:43 89	17:54 79S	
2025 Dec 28 (Sun)	12:22 83	18:41 86S	00:09 274
2025 Dec 29 (Mon)	13:05 76	19:31 89N	01:03 281
2025 Dec 30 (Tue)	13:52 70	20:25 83N	02:00 287
2025 Dec 31 (Wed)	14:45 65	21:25 79N	03:02 293