



NOAA Global Monitoring Laboratory

Global Radiation Group

<https://gml.noaa.gov/grad/solcalc>

Sunrise Table for 2020

Location: Latitude 15.22105 Longitude 102.49375

Time Zone Offset: Asia/Bangkok 7.0

All times are in local time. Cells with light green color indicate when daylight saving time is in effect.

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	06:36	06:39	06:27	06:05	05:47	05:39	05:43	05:52	05:58	06:00	06:06	06:20
2	06:36	06:39	06:26	06:05	05:46	05:39	05:44	05:53	05:58	06:00	06:06	06:21
3	06:37	06:39	06:26	06:04	05:46	05:39	05:44	05:53	05:58	06:00	06:07	06:21
4	06:37	06:39	06:25	06:03	05:45	05:39	05:44	05:53	05:58	06:00	06:07	06:22
5	06:37	06:38	06:25	06:03	05:45	05:39	05:45	05:53	05:58	06:00	06:08	06:23
6	06:38	06:38	06:24	06:02	05:44	05:39	05:45	05:54	05:58	06:00	06:08	06:23
7	06:38	06:38	06:23	06:01	05:44	05:39	05:45	05:54	05:58	06:00	06:08	06:24
8	06:38	06:38	06:23	06:00	05:44	05:39	05:46	05:54	05:58	06:01	06:09	06:24
9	06:38	06:37	06:22	06:00	05:43	05:39	05:46	05:54	05:58	06:01	06:09	06:25
10	06:39	06:37	06:21	05:59	05:43	05:39	05:46	05:54	05:58	06:01	06:10	06:25
11	06:39	06:37	06:21	05:58	05:43	05:39	05:46	05:55	05:58	06:01	06:10	06:26
12	06:39	06:36	06:20	05:58	05:42	05:39	05:47	05:55	05:58	06:01	06:10	06:27
13	06:39	06:36	06:19	05:57	05:42	05:39	05:47	05:55	05:58	06:01	06:11	06:27
14	06:39	06:35	06:18	05:56	05:42	05:40	05:47	05:55	05:59	06:02	06:11	06:28
15	06:40	06:35	06:18	05:56	05:41	05:40	05:48	05:55	05:59	06:02	06:12	06:28
16	06:40	06:35	06:17	05:55	05:41	05:40	05:48	05:56	05:59	06:02	06:12	06:29
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18	06:40	06:34	06:16	05:54	05:41	05:40	05:49	05:56	05:59	06:02	06:13	06:30
19	06:40	06:33	06:15	05:53	05:40	05:40	05:49	05:56	05:59	06:03	06:14	06:30
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22	06:40	06:32	06:13	05:51	05:40	05:41	05:50	05:56	05:59	06:03	06:15	06:32
23	06:40	06:31	06:12	05:51	05:40	05:41	05:50	05:57	05:59	06:03	06:16	06:32
24	06:40	06:31	06:11	05:50	05:39	05:42	05:50	05:57	05:59	06:04	06:16	06:33
25	06:40	06:30	06:10	05:50	05:39	05:42	05:51	05:57	05:59	06:04	06:17	06:33
26	06:40	06:29	06:10	05:49	05:39	05:42	05:51	05:57	05:59	06:04	06:18	06:34
27	06:40	06:29	06:09	05:49	05:39	05:42	05:51	05:57	05:59	06:05	06:18	06:34
28	06:40	06:28	06:08	05:48	05:39	05:43	05:51	05:57	06:00	06:05	06:19	06:35
29	06:40	06:28	06:08	05:48	05:39	05:43	05:52	05:57	06:00	06:05	06:19	06:35
30	06:40		06:07	05:47	05:39	05:43	05:52	05:57	06:00	06:05	06:20	06:35
31	06:39		06:06		05:39		05:52	05:57		06:06		06:36



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Sunset Table for 2020

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Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	17:51	18:08	18:18	18:22	18:28	18:37	18:44	18:40	18:22	17:59	17:41	17:38
2	17:51	18:08	18:18	18:23	18:28	18:37	18:44	18:40	18:21	17:58	17:40	17:38
3	17:52	18:09	18:18	18:23	18:28	18:38	18:45	18:39	18:21	17:58	17:40	17:38
4	17:52	18:09	18:18	18:23	18:28	18:38	18:45	18:39	18:20	17:57	17:40	17:38
5	17:53	18:10	18:19	18:23	18:29	18:38	18:45	18:38	18:19	17:56	17:39	17:39
6	17:53	18:10	18:19	18:23	18:29	18:39	18:45	18:38	18:18	17:56	17:39	17:39
7	17:54	18:11	18:19	18:23	18:29	18:39	18:45	18:37	18:18	17:55	17:39	17:39
8	17:55	18:11	18:19	18:23	18:30	18:39	18:45	18:37	18:17	17:54	17:39	17:40
9	17:55	18:11	18:19	18:24	18:30	18:40	18:45	18:37	18:16	17:53	17:38	17:40
10	17:56	18:12	18:19	18:24	18:30	18:40	18:45	18:36	18:15	17:53	17:38	17:40
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12	17:57	18:12	18:20	18:24	18:31	18:41	18:45	18:35	18:14	17:51	17:38	17:41
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19	18:01	18:15	18:21	18:25	18:33	18:42	18:44	18:31	18:08	17:47	17:37	17:44
20	18:02	18:15	18:21	18:25	18:33	18:43	18:44	18:30	18:08	17:47	17:37	17:44
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30	18:07		18:22	18:27	18:36	18:44	18:41	18:24	18:00	17:42	17:38	17:50
31	18:07		18:22		18:37		18:40	18:23		17:41		17:50



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Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	12:12:59	12:23:26	12:22:24	12:13:58	12:07:10	12:07:50	12:13:51	12:16:24	12:10:08	11:59:48	11:53:34	11:58:56
2	12:13:27	12:23:34	12:22:13	12:13:40	12:07:03	12:07:59	12:14:03	12:16:20	12:09:49	11:59:29	11:53:33	11:59:19
3	12:13:55	12:23:42	12:22:00	12:13:22	12:06:56	12:08:09	12:14:14	12:16:15	12:09:30	11:59:10	11:53:32	11:59:42
4	12:14:23	12:23:49	12:21:47	12:13:05	12:06:51	12:08:19	12:14:25	12:16:10	12:09:10	11:58:51	11:53:33	12:00:06
5	12:14:50	12:23:55	12:21:34	12:12:47	12:06:45	12:08:29	12:14:35	12:16:04	12:08:51	11:58:33	11:53:34	12:00:31
6	12:15:17	12:24:01	12:21:20	12:12:30	12:06:40	12:08:40	12:14:46	12:15:58	12:08:30	11:58:15	11:53:36	12:00:56
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31	12:23:16		12:14:15		12:07:41		12:16:27	12:10:27		11:53:36		12:12:52