



# NOAA Global Monitoring Laboratory

Global Radiation Group

<https://www.esrl.noaa.gov/gmd/grad/solcalc>

## Sunrise Table for 2021

**Location: Latitude -37.58043 Longitude 143.86082**

**Time Zone Offset: Australia/Melbourne 11.0**

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

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



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## Sunset Table for 2021

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



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Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	13:28:03	13:38:07	13:36:55	13:28:27	12:21:41	12:22:23	12:28:25	12:30:55	12:24:38	12:14:17	13:08:06	13:13:31
2	13:28:31	13:38:15	13:36:43	13:28:09	12:21:34	12:22:33	12:28:36	12:30:51	12:24:19	12:13:58	13:08:05	13:13:54
3	13:28:59	13:38:22	13:36:30	13:27:52	12:21:27	12:22:42	12:28:47	12:30:47	12:23:59	13:13:39	13:08:04	13:14:17
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26	13:37:04	13:37:28	13:30:15	12:22:23	12:21:36	12:27:24	12:31:06	12:26:26	12:15:58	13:08:30	13:11:47	13:25:02
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31	13:37:59		13:28:45		12:22:14		12:30:59	12:24:57		13:08:08		13:27:27