



# NOAA Global Monitoring Laboratory

Global Radiation Group

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

## Sunrise Table for 2025

**Location: Latitude -14.30000 Longitude -170.70000**

**Time Zone Offset: Pacific/Pago\_Pago -11.0**

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



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## Sunset Table for 2025

**Location: Latitude -14.30000 Longitude -170.70000**

**Time Zone Offset: Pacific/Pago\_Pago -11.0**

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



## Solar Noon Table for 2025

Location: Latitude -14.30000 Longitude -170.70000

Time Zone Offset: Pacific/Pago\_Pago -11.0

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