



# NOAA Global Monitoring Laboratory

Global Radiation Group

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

## Sunrise Table for 2021

**Location: Latitude 65.15308 Longitude -147.50200**

**Time Zone Offset: America/Anchorage -8.0**

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



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



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