



## NOAA Global Monitoring Laboratory

Global Radiation Group

<https://gml.noaa.gov/grad/solcalc>**Sunrise Table for 2022****Location: Latitude 68.66977 Longitude -149.14284****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	00:00	10:20	08:17	07:02	04:44	00:00	00:00	04:00	06:21	08:11	10:15	12:08
2	00:00	10:16	08:13	06:58	04:39	00:00	00:00	04:06	06:24	08:15	10:19	12:21
3	00:00	10:11	08:08	06:54	04:34	00:00	00:00	04:12	06:28	08:19	10:24	00:00
4	00:00	10:07	08:04	06:49	04:29	00:00	00:00	04:17	06:32	08:23	10:28	00:00
5	00:00	10:02	08:00	06:45	04:24	00:00	00:00	04:22	06:36	08:26	10:33	00:00
6	00:00	09:58	07:55	06:40	04:18	00:00	00:00	04:28	06:40	08:30	09:38	00:00
7	00:00	09:53	07:51	06:36	04:13	00:00	00:00	04:33	06:43	08:34	09:42	00:00
8	00:00	09:49	07:47	06:31	04:08	00:00	00:00	04:38	06:47	08:38	09:47	00:00
9	12:34	09:44	07:42	06:27	04:02	00:00	00:00	04:43	06:51	08:41	09:52	00:00
10	12:23	09:40	07:38	06:23	03:56	00:00	00:00	04:47	06:55	08:45	09:57	00:00
11	12:14	09:35	07:34	06:18	03:50	00:00	00:00	04:52	06:58	08:49	10:02	00:00
12	12:07	09:31	07:29	06:14	03:44	00:00	00:00	04:57	07:02	08:53	10:07	00:00
13	11:59	09:27	08:25	06:09	03:38	00:00	00:00	05:01	07:06	08:57	10:12	00:00
14	11:53	09:22	08:21	06:05	03:32	00:00	00:00	05:06	07:09	09:01	10:17	00:00
15	11:47	09:18	08:16	06:00	03:25	00:00	00:00	05:11	07:13	09:04	10:22	00:00
16	11:41	09:13	08:12	05:55	03:18	00:00	00:00	05:15	07:17	09:08	10:27	00:00
17	11:35	09:09	08:08	05:51	03:11	00:00	00:00	05:19	07:20	09:12	10:32	00:00
18	11:29	09:05	08:03	05:46	03:03	00:00	00:00	05:24	07:24	09:16	10:38	00:00
19	11:24	09:00	07:59	05:42	02:54	00:00	00:00	05:28	07:28	09:20	10:43	00:00
20	11:19	08:56	07:55	05:37	02:44	00:00	00:00	05:32	07:31	09:24	10:49	00:00
21	11:13	08:52	07:50	05:32	02:31	00:00	00:00	05:36	07:35	09:28	10:55	00:00
22	11:08	08:47	07:46	05:28	02:13	00:00	02:41	05:41	07:39	09:32	11:01	00:00
23	11:03	08:43	07:42	05:23	00:00	00:00	02:54	05:45	07:42	09:37	11:07	00:00
24	10:58	08:39	07:37	05:18	00:00	00:00	03:04	05:49	07:46	09:41	11:13	00:00
25	10:53	08:34	07:33	05:14	00:00	00:00	03:13	05:53	07:49	09:45	11:19	00:00
26	10:49	08:30	07:29	05:09	00:00	00:00	03:21	05:57	07:53	09:49	11:26	00:00
27	10:44	08:26	07:24	05:04	00:00	00:00	03:28	06:01	07:57	09:53	11:33	00:00
28	10:39	08:21	07:20	04:59	00:00	00:00	03:35	06:05	08:00	09:57	11:40	00:00
29	10:34		07:16	04:54	00:00	00:00	03:42	06:09	08:04	10:02	11:48	00:00
30	10:30		07:11	04:49	00:00	00:00	03:48	06:13	08:08	10:06	11:57	00:00
31	10:25		07:07		00:00		03:55	06:17		10:11		00:00



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



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