



NOAA Global Monitoring Laboratory

Global Radiation Group

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

Sunrise Table for 2023

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



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



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