



NOAA Global Monitoring Laboratory

Global Radiation Group

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

Sunrise Table for 2023

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



NOAA Global Monitoring Laboratory

Global Radiation Group

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

Sunset Table for 2023

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



NOAA Global Monitoring Laboratory

Global Radiation Group

<https://gml.noaa.gov/grad/solcalc>**Solar Noon Table for 2023****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	12:53:25	13:03:33	13:02:24	13:53:57	13:47:09	13:47:49	13:53:50	13:56:23	13:50:08	13:39:48	13:33:33	12:38:54
2	12:53:53	13:03:41	13:02:12	13:53:39	13:47:02	13:47:58	13:54:02	13:56:19	13:49:49	13:39:29	13:33:32	12:39:17
3	12:54:21	13:03:48	13:01:59	13:53:22	13:46:56	13:48:08	13:54:13	13:56:15	13:49:30	13:39:09	13:33:31	12:39:40
4	12:54:48	13:03:54	13:01:46	13:53:04	13:46:50	13:48:18	13:54:24	13:56:10	13:49:10	13:38:51	13:33:31	12:40:04
5	12:55:15	13:03:59	13:01:33	13:52:47	13:46:44	13:48:28	13:54:34	13:56:04	13:48:50	13:38:32	12:33:32	12:40:28
6	12:55:42	13:04:04	13:01:19	13:52:30	13:46:40	13:48:39	13:54:45	13:55:58	13:48:30	13:38:14	12:33:34	12:40:53
7	12:56:08	13:04:07	13:01:05	13:52:13	13:46:35	13:48:50	13:54:55	13:55:51	13:48:10	13:37:56	12:33:37	12:41:19
8	12:56:34	13:04:10	13:00:51	13:51:56	13:46:32	13:49:01	13:55:04	13:55:43	13:47:50	13:37:39	12:33:41	12:41:45
9	12:56:59	13:04:12	13:00:36	13:51:40	13:46:29	13:49:13	13:55:13	13:55:35	13:47:29	13:37:22	12:33:45	12:42:11
10	12:57:23	13:04:14	13:00:20	13:51:24	13:46:26	13:49:25	13:55:22	13:55:26	13:47:08	13:37:06	12:33:51	12:42:38
11	12:57:47	13:04:14	13:00:05	13:51:08	13:46:24	13:49:37	13:55:30	13:55:17	13:46:47	13:36:50	12:33:57	12:43:06
12	12:58:11	13:04:14	13:59:49	13:50:52	13:46:23	13:49:49	13:55:38	13:55:07	13:46:26	13:36:34	12:34:04	12:43:33
13	12:58:34	13:04:13	13:59:33	13:50:37	13:46:22	13:50:01	13:55:45	13:54:57	13:46:05	13:36:19	12:34:12	12:44:02
14	12:58:56	13:04:11	13:59:16	13:50:22	13:46:22	13:50:14	13:55:52	13:54:46	13:45:43	13:36:05	12:34:20	12:44:30
15	12:59:18	13:04:09	13:59:00	13:50:07	13:46:22	13:50:27	13:55:59	13:54:35	13:45:22	13:35:51	12:34:30	12:44:59
16	12:59:39	13:04:06	13:58:43	13:49:53	13:46:23	13:50:40	13:56:05	13:54:23	13:45:01	13:35:37	12:34:41	12:45:27
17	12:59:59	13:04:02	13:58:25	13:49:39	13:46:24	13:50:53	13:56:10	13:54:10	13:44:39	13:35:25	12:34:52	12:45:57
18	13:00:19	13:03:57	13:58:08	13:49:25	13:46:26	13:51:06	13:56:15	13:53:57	13:44:18	13:35:12	12:35:04	12:46:26
19	13:00:38	13:03:52	13:57:51	13:49:12	13:46:29	13:51:19	13:56:19	13:53:43	13:43:56	13:35:01	12:35:17	12:46:55
20	13:00:56	13:03:46	13:57:33	13:48:59	13:46:32	13:51:32	13:56:23	13:53:29	13:43:35	13:34:50	12:35:31	12:47:25
21	13:01:13	13:03:39	13:57:15	13:48:47	13:46:36	13:51:45	13:56:26	13:53:15	13:43:14	13:34:40	12:35:46	12:47:55
22	13:01:30	13:03:32	13:56:57	13:48:35	13:46:40	13:51:58	13:56:29	13:53:00	13:42:53	13:34:30	12:36:01	12:48:24
23	13:01:46	13:03:24	13:56:39	13:48:24	13:46:45	13:52:11	13:56:31	13:52:45	13:42:31	13:34:21	12:36:17	12:48:54
24	13:02:01	13:03:15	13:56:21	13:48:13	13:46:50	13:52:24	13:56:33	13:52:29	13:42:10	13:34:13	12:36:34	12:49:24
25	13:02:15	13:03:06	13:56:03	13:48:02	13:46:56	13:52:37	13:56:34	13:52:13	13:41:49	13:34:05	12:36:52	12:49:54
26	13:02:29	13:02:56	13:55:45	13:47:52	13:47:02	13:52:49	13:56:34	13:51:56	13:41:29	13:33:58	12:37:11	12:50:23
27	13:02:41	13:02:46	13:55:27	13:47:42	13:47:09	13:53:02	13:56:34	13:51:39	13:41:08	13:33:52	12:37:30	12:50:53
28	13:02:53	13:02:35	13:55:09	13:47:33	13:47:16	13:53:14	13:56:33	13:51:21	13:40:48	13:33:47	12:37:50	12:51:22
29	13:03:04		13:54:51	13:47:25	13:47:23	13:53:26	13:56:31	13:51:04	13:40:28	13:33:42	12:38:11	12:51:51
30	13:03:15		13:54:33	13:47:17	13:47:31	13:53:38	13:56:29	13:50:46	13:40:08	13:33:38	12:38:32	12:52:20
31	13:03:24		13:54:15		13:47:40		13:56:26	13:50:27		13:33:35		12:52:49