

NOAA Global Monitoring Laboratory

Global Radiation Group

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

Sunrise Table for 33

Location: Latitude 31.78000 Longitude 35.23000

Time Zone Offset: Asia/Jerusalem 3.0

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

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Sunset Table for 33

Location: Latitude 31.78000 Longitude 35.23000

Time Zone Offset: Asia/Jerusalem 3.0

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

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Time Zone Offset: Asia/Jerusalem 3.0

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