NOAA Global Monitoring Laboratory

Global Radiation Group https://gml.noaa.gov/grad/solcalc

Sunrise Table for 2022

Location: Latitude 37.87305 Longitude -4.77951

Time Zone Offset: Europe/Madrid 2.0

All times are in local time. Cells with light green color indicate when daylight savings time is in effect.

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

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Sunset Table for 2022

Location: Latitude 37.87305 Longitude -4.77951

Time Zone Offset: Europe/Madrid 2.0

All times are in local time. Cells with light green color indicate when daylight savings time is in effect.

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

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Solar Noon Table for 2022

Location: Latitude 37.87305 Longitude -4.77951

Time Zone Offset: Europe/Madrid 2.0

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Day	_	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	13:22:27	13:32:38	13:31:32	14:23:06	14:16:17	14:16:54	14:22:5	5 14:25:30	14:19:18	14:08:58	13:02:40	13:07:57
2	13:22:55	13:32:46	13:31:20	14:22:49	14:16:10	14:17:03	14:23:0	6 14:25:26	14:18:59	14:08:38	13:02:39	13:08:20
3	13:23:23	13:32:53	13:31:08	14:22:31	14:16:03	14:17:13	14:23:1	8 14:25:22	14:18:39	14:08:19	13:02:38	13:08:43
4	13:23:51	13:33:00	13:30:55	14:22:14	14:15:57	14:17:23	14:23:2	9 14:25:17	14:18:20	14:08:00	13:02:38	13:09:07
5	13:24:18	13:33:05	13:30:42	14:21:56	14:15:52	14:17:33	14:23:3	9 14:25:11	14:18:00	14:07:42	13:02:39	13:09:31
6	13:24:44	13:33:10	13:30:28	14:21:39	14:15:47	14:17:44	14:23:5	0 14:25:05	14:17:40	14:07:23	13:02:41	13:09:56
7	13:25:11	13:33:14	13:30:14	14:21:22	14:15:43	14:17:55	14:23:5	9 14:24:58	14:17:20	14:07:06	13:02:43	13:10:22
8	13:25:36	13:33:17	13:30:00	14:21:05	14:15:39	14:18:06	14:24:0	9 14:24:51	14:16:59	14:06:48	13:02:47	13:10:48
9	13:26:02	13:33:19	13:29:45	14:20:49	14:15:36	14:18:18	14:24:1	8 14:24:43	14:16:39	14:06:31	13:02:51	13:11:14
10	13:26:26	13:33:20	13:29:30	14:20:33	14:15:33	14:18:29	14:24:2	7 14:24:34	14:16:18	14:06:15	13:02:56	13:11:41
11	13:26:50	13:33:21	13:29:14	14:20:17	14:15:31	14:18:41	14:24:3	5 14:24:25	14:15:57	14:05:59	13:03:02	13:12:08
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13	13:27:37	13:33:20	13:28:42	14:19:46	14:15:29	14:19:06	14:24:5	1 14:24:05	14:15:15	14:05:28	13:03:17	13:13:04
14	13:27:59	13:33:18	13:28:25	14:19:31	14:15:28	14:19:19	14:24:5	8 14:23:54	14:14:53	14:05:14	13:03:26	13:13:32
15	13:28:21	13:33:16	13:28:09	14:19:16	14:15:29	14:19:31	14:25:0	4 14:23:43	14:14:32	14:05:00	13:03:35	13:14:01
16	13:28:42	13:33:13	13:27:52	14:19:02	14:15:29	14:19:44	14:25:1	0 14:23:31	14:14:11	14:04:46	13:03:46	13:14:30
17	13:29:03	13:33:09	13:27:35	14:18:48	14:15:31	14:19:57	14:25:1	6 14:23:18	14:13:49	14:04:33	13:03:57	13:14:59
18	13:29:22	13:33:05	13:27:17	14:18:34	14:15:33	14:20:10	14:25:2	1 14:23:06	14:13:28	14:04:21	13:04:09	13:15:28
19	13:29:41	13:32:59	13:27:00	14:18:21	14:15:35	14:20:23	14:25:2	5 14:22:52	14:13:06	14:04:09	13:04:22	13:15:58
20	13:30:00	13:32:53	13:26:42	14:18:08	14:15:38	14:20:36	14:25:2	9 14:22:38	14:12:45	14:03:58	13:04:35	13:16:27
21	13:30:17	13:32:47	13:26:25	14:17:55	14:15:42	14:20:49	14:25:3	2 14:22:24	14:12:24	14:03:48	13:04:50	13:16:57
22	13:30:34	13:32:40	13:26:07	14:17:43	14:15:46	14:21:02	14:25:3	5 14:22:09	14:12:02	14:03:38	13:05:05	13:17:27
23	13:30:50	13:32:32	13:25:49	14:17:32	14:15:50	14:21:15	14:25:3	7 14:21:54	14:11:41	14:03:29	13:05:21	13:17:56
24	13:31:05	13:32:23	13:25:31	14:17:21	14:15:56	14:21:28	14:25:3	9 14:21:38	14:11:20	14:03:20	13:05:38	13:18:26
25	13:31:20	13:32:14	13:25:13	14:17:10	14:16:01	14:21:41	14:25:4	0 14:21:22	14:10:59	14:03:13	13:05:56	13:18:56
26	13:31:33	13:32:04	13:24:55	14:17:00	14:16:07	14:21:54	14:25:4	0 14:21:05	14:10:38	14:03:06	13:06:14	13:19:26
27	13:31:46	13:31:54	14:24:36	14:16:50	14:16:14	14:22:06	14:25:4	0 14:20:48	14:10:18	14:03:00	13:06:34	13:19:55
28	13:31:58	13:31:43	14:24:18	14:16:41	14:16:21	14:22:19	14:25:3	9 14:20:31	14:09:57	14:02:54	13:06:54	13:20:24
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30	13:32:20		14:23:42	14:16:24	14:16:37	14:22:43	14:25:3	6 14:19:55	14:09:17	13:02:46	13:07:35	13:21:23
31	13:32:29		14:23:24		14:16:45		14:25:3	3 14:19:36		13:02:42		13:21:52