



NOAA Global Monitoring Laboratory

Global Radiation Group

<https://www.esrl.noaa.gov/gmd/grad/solcalc>

Sunrise Table for 2020

Location: Latitude 38.22160 Longitude -76.03818

Time Zone Offset: America/New_York -4.0

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



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Sunset Table for 2020

Location: Latitude 38.22160 Longitude -76.03818

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