

UNCLASSIFIED

AFW-WEBS Sunrise-Sunset Tool

KPOE

LAT:31.04 LON:-93.19

BEGINNING 2020-11-01 FOR 30 DAYS

Date	Nautical Twilight Begin	Civil Twilight Begin	Sunrise	Sunset	Civil Twilight End	Nautical Twilight End	Moon Rise	Moon Set	% Illumination @ 0Z
2020-11-01	11:35	12:04	12:29	23:24	23:49	00:18	No Event	13:17	99.80%
2020-11-02	11:36	12:04	12:29	23:23	23:48	00:17	00:18	14:12	98.27%
2020-11-03	11:36	12:05	12:30	23:22	23:47	00:17	00:54	15:08	94.98%
2020-11-04	11:37	12:06	12:31	23:21	23:46	00:16	01:35	16:04	90.00%
2020-11-05	11:38	12:07	12:32	23:21	23:46	00:15	02:21	16:59	83.46%
2020-11-06	11:39	12:07	12:33	23:20	23:45	00:15	03:13	17:50	75.49%
2020-11-07	11:39	12:08	12:33	23:19	23:44	00:14	04:09	18:38	66.32%
2020-11-08	11:40	12:09	12:34	23:18	23:44	00:13	05:10	19:21	56.22%
2020-11-09	11:41	12:10	12:35	23:18	23:43	00:13	06:14	20:01	45.54%
2020-11-10	11:42	12:11	12:36	23:17	23:43	00:12	07:19	20:38	34.72%
2020-11-11	11:42	12:11	12:37	23:17	23:42	00:12	08:25	21:14	24.32%
2020-									

11-12	11:43	12:12	12:38	23:16	23:42	00:11	09:32	21:50	15.00%
2020-11-13	11:44	12:13	12:38	23:15	23:41	00:11	10:41	22:27	7.47%
2020-11-14	11:45	12:14	12:39	23:15	23:41	00:10	11:52	23:08	2.35%
2020-11-15	11:45	12:15	12:40	23:14	23:40	00:10	13:04	23:53	0.12%
2020-11-16	11:46	12:15	12:41	23:14	23:40	00:09	14:16	No Event	0.95%
2020-11-17	11:47	12:16	12:42	23:14	23:39	00:09	15:25	00:44	4.66%
2020-11-18	11:48	12:17	12:43	23:13	23:39	00:09	16:28	01:41	10.83%
2020-11-19	11:48	12:18	12:44	23:13	23:39	00:08	17:22	02:42	18.86%
2020-11-20	11:49	12:19	12:45	23:12	23:38	00:08	18:09	03:44	28.12%
2020-11-21	11:50	12:19	12:45	23:12	23:38	00:08	18:49	04:46	38.05%
2020-11-22	11:51	12:20	12:46	23:12	23:38	00:07	19:23	05:45	48.14%
2020-11-23	11:51	12:21	12:47	23:11	23:37	00:07	19:54	06:42	58.02%
2020-11-24	11:52	12:22	12:48	23:11	23:37	00:07	20:23	07:37	67.38%
2020-11-25	11:53	12:23	12:49	23:11	23:37	00:07	20:51	08:30	75.94%
2020-11-26	11:54	12:23	12:50	23:11	23:37	00:07	21:18	09:23	83.51%
2020-11-27	11:55	12:24	12:50	23:11	23:37	00:07	21:47	10:16	89.86%
2020-11-28	11:55	12:25	12:51	23:10	23:37	00:06	22:19	11:11	94.81%
2020-11-29	11:56	12:26	12:52	23:10	23:37	00:06	22:54	12:06	98.18%
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11-30	11:57	12:27	12:53	23:10	23:37	00:06	23:33	13:02	99.84%
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Moon Phases

Previous Full	Previous Last Quarter	Previous New	Previous First Quarter	Next Full	Next Last Quarter	Next New	Next First Quarter
2019-12-12 05:13:00	2019-12-19 04:58:00	2019-12-26 05:14:00	2020-01-03 04:47:00	2020-01-10 19:22:00	2020-01-17 13:00:00	2020-01-24 21:43:00	2020-02-02 01:43:00

ALL TIMES ARE UTC. DATES ARE SHOWN AS UTC DATES MAY DIFFER DEPENDING ON LOCATION. SUNRISE/SUNSET IS BASED UPON NAVAL OBSERVATORY ALGORITHMS AND HAS A HORIZON OF -0.34.

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