

UNCLASSIFIED

AFW-WEBS Sunrise-Sunset Tool

KPOE

LAT:31.04 LON:-93.19

BEGINNING 2021-10-01 FOR 31 DAYS

Date	Nautical Twilight Begin	Civil Twilight Begin	Sunrise	Sunset	Civil Twilight End	Nautical Twilight End	Moon Rise	Moon Set	% Illumination @ 0Z
2021-10-01	11:14	11:42	12:07	23:57	00:23	00:51	06:57	21:24	31.85%
2021-10-02	11:15	11:43	12:07	23:56	00:22	00:50	07:58	22:03	22.84%
2021-10-03	11:16	11:44	12:08	23:55	00:20	00:48	09:01	22:40	14.72%
2021-10-04	11:16	11:44	12:08	23:54	00:19	00:47	10:04	23:14	7.96%
2021-10-05	11:17	11:45	12:09	23:53	00:18	00:46	11:09	23:47	3.04%
2021-10-06	11:17	11:46	12:10	23:51	00:17	00:45	12:15	No Event	0.43%
2021-10-07	11:18	11:46	12:10	23:50	00:15	00:43	13:22	00:20	0.49%
2021-10-08	11:19	11:47	12:11	23:49	00:14	00:42	14:32	00:56	3.36%
2021-10-09	11:19	11:47	12:12	23:48	00:13	00:41	15:43	01:35	8.92%
2021-10-10	11:20	11:48	12:12	23:47	00:12	00:40	16:53	02:19	16.81%
2021-10-11	11:21	11:49	12:13	23:45	00:11	00:39	18:01	03:10	26.48%
2021-									

10-12	11:21	11:49	12:14	23:44	00:10	00:38	19:03	04:08	37.27%
2021-10-13	11:22	11:50	12:14	23:43	00:08	00:37	19:58	05:11	48.51%
2021-10-14	11:23	11:51	12:15	23:42	00:07	00:35	20:44	06:16	59.60%
2021-10-15	11:23	11:51	12:16	23:41	00:06	00:34	21:23	07:20	69.99%
2021-10-16	11:24	11:52	12:16	23:40	00:05	00:33	21:58	08:23	79.25%
2021-10-17	11:24	11:53	12:17	23:39	00:04	00:32	22:28	09:23	87.04%
2021-10-18	11:25	11:53	12:18	23:37	00:03	00:31	22:57	10:22	93.11%
2021-10-19	11:26	11:54	12:18	23:36	00:02	00:30	23:25	11:18	97.30%
2021-10-20	11:26	11:55	12:19	23:35	00:01	00:29	23:54	12:14	99.53%
2021-10-21	11:27	11:55	12:20	23:34	23:59	00:28	No Event	13:10	99.81%
2021-10-22	11:28	11:56	12:21	23:33	23:58	00:27	00:24	14:06	98.22%
2021-10-23	11:28	11:57	12:21	23:32	23:57	00:26	00:56	15:03	94.86%
2021-10-24	11:29	11:57	12:22	23:31	23:56	00:25	01:33	15:59	89.93%
2021-10-25	11:30	11:58	12:23	23:30	23:55	00:24	02:13	16:54	83.59%
2021-10-26	11:31	11:59	12:24	23:29	23:54	00:23	02:59	17:46	76.06%
2021-10-27	11:31	12:00	12:24	23:28	23:53	00:22	03:50	18:35	67.56%
2021-10-28	11:32	12:00	12:25	23:27	23:52	00:22	04:45	19:19	58.29%
2021-10-29	11:33	12:01	12:26	23:27	23:51	00:21	05:43	19:59	48.53%
2021-	11:33	12:02	12:27	23:26	23:51	00:20	06:43	20:35	38.55%

10-30									
2021-10-31	11:34	12:03	12:28	23:25	23:50	00:19	07:45	21:09	28.74%

Moon Phases

Previous Full	Previous Last Quarter	Previous New	Previous First Quarter	Next Last Quarter	Next New	Next First Quarter	Next Full
2020-12-30 03:29:00	2021-01-06 09:38:00	2021-01-13 05:01:00	2021-01-20 21:03:00	2021-02-04 17:38:00	2021-02-11 19:07:00	2021-02-19 18:48:00	2021-02-27 08:18:00

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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