

UNCLASSIFIED

AFW-WEBS Sunrise-Sunset Tool

KPOE

LAT:31.04 LON:-93.19

BEGINNING 2021-07-01 FOR 31 DAYS

Date	Nautical Twilight Begin	Civil Twilight Begin	Sunrise	Sunset	Civil Twilight End	Nautical Twilight End	Moon Rise	Moon Set	% Illumination @ 0Z
2021-07-01	10:11	10:45	11:13	01:20	01:48	02:22	06:00	18:10	58.87%
2021-07-02	10:12	10:46	11:13	01:20	01:48	02:22	06:28	19:04	48.98%
2021-07-03	10:12	10:46	11:14	01:20	01:48	02:22	06:56	19:58	39.35%
2021-07-04	10:13	10:46	11:14	01:20	01:48	02:22	07:25	20:53	30.24%
2021-07-05	10:13	10:47	11:15	01:20	01:48	02:22	07:56	21:48	21.92%
2021-07-06	10:14	10:47	11:15	01:20	01:48	02:21	08:30	22:44	14.63%
2021-07-07	10:14	10:48	11:16	01:20	01:48	02:21	09:09	23:40	8.58%
2021-07-08	10:15	10:49	11:16	01:20	01:47	02:21	09:53	No Event	4.01%
2021-07-09	10:16	10:49	11:17	01:20	01:47	02:21	10:43	00:34	1.12%
2021-07-10	10:16	10:50	11:17	01:19	01:47	02:20	11:38	01:26	0.08%
2021-07-11	10:17	10:50	11:18	01:19	01:47	02:20	12:36	02:14	1.02%
2021-									

07-12	10:17	10:51	11:18	01:19	01:46	02:19	13:37	02:57	4.00%
2021-07-13	10:18	10:51	11:19	01:19	01:46	02:19	14:38	03:35	9.01%
2021-07-14	10:19	10:52	11:19	01:18	01:46	02:19	15:40	04:10	15.91%
2021-07-15	10:20	10:53	11:20	01:18	01:45	02:18	16:41	04:43	24.49%
2021-07-16	10:20	10:53	11:20	01:18	01:45	02:18	17:43	05:15	34.44%
2021-07-17	10:21	10:54	11:21	01:17	01:44	02:17	18:47	05:47	45.33%
2021-07-18	10:22	10:54	11:22	01:17	01:44	02:17	19:54	06:22	56.66%
2021-07-19	10:22	10:55	11:22	01:16	01:43	02:16	21:03	07:00	67.83%
2021-07-20	10:23	10:56	11:23	01:16	01:43	02:15	22:13	07:43	78.18%
2021-07-21	10:24	10:56	11:23	01:15	01:42	02:15	23:22	08:34	87.08%
2021-07-22	10:25	10:57	11:24	01:15	01:42	02:14	No Event	09:33	93.91%
2021-07-23	10:25	10:58	11:25	01:14	01:41	02:13	00:26	10:38	98.25%
2021-07-24	10:26	10:58	11:25	01:14	01:40	02:13	01:23	11:46	99.87%
2021-07-25	10:27	10:59	11:26	01:13	01:40	02:12	02:11	12:53	98.79%
2021-07-26	10:28	11:00	11:26	01:12	01:39	02:11	02:52	13:58	95.26%
2021-07-27	10:28	11:00	11:27	01:12	01:38	02:10	03:28	15:00	89.65%
2021-07-28	10:29	11:01	11:28	01:11	01:38	02:10	03:59	15:58	82.43%
2021-07-29	10:30	11:02	11:28	01:11	01:37	02:09	04:28	16:54	74.04%
2021-	10:31	11:02	11:29	01:10	01:36	02:08	04:57	17:49	64.92%

07-30									
2021-07-31	10:31	11:03	11:29	01:09	01:35	02:07	05:25	18:44	55.43%

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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