

UNCLASSIFIED

Fort Riley – 2022 Solar/Lunar

BEGINNING 2022-01-01 FOR 365 DAYS

Date	Nautical Twilight Begin	Civil Twilight Begin	Sunrise	Sunset	Civil Twilight End	Nautical Twilight End	Moon Rise	Moon Set	% Illumination @ 0Z
2022-01-01	12:43	13:16	13:46	23:15	23:45	00:18	12:45	22:04	4.74%
2022-01-02	12:43	13:16	13:46	23:16	23:46	00:19	13:56	23:10	0.96%
2022-01-03	12:43	13:17	13:46	23:17	23:47	00:20	14:57	No Event	0.18%
2022-01-04	12:43	13:17	13:46	23:18	23:48	00:20	15:46	00:23	2.39%
2022-01-05	12:43	13:17	13:46	23:19	23:49	00:21	16:25	01:39	7.29%
2022-01-06	12:43	13:17	13:46	23:20	23:50	00:22	16:58	02:52	14.36%
2022-01-07	12:43	13:17	13:46	23:21	23:50	00:23	17:25	04:02	22.98%
2022-01-08	12:43	13:17	13:46	23:22	23:51	00:24	17:50	05:08	32.55%
2022-01-09	12:43	13:16	13:46	23:23	23:52	00:25	18:13	06:11	42.54%
2022-01-10	12:43	13:16	13:46	23:24	23:53	00:25	18:37	07:13	52.52%
2022-01-11	12:43	13:16	13:46	23:25	23:54	00:26	19:02	08:13	62.15%
2022-01-12	12:43	13:16	13:45	23:26	23:55	00:27	19:30	09:13	71.14%
2022-01-13	12:43	13:16	13:45	23:27	23:56	00:28	20:02	10:14	79.26%
2022-01-14	12:43	13:16	13:45	23:28	23:57	00:29	20:40	11:13	86.30%
2022-01-15	12:42	13:15	13:44	23:29	23:58	00:30	21:24	12:10	92.05%
2022-01-16	12:42	13:15	13:44	23:30	23:59	00:31	22:15	13:03	96.34%

2022-02-14	12:21	12:52	13:20	00:02	00:30	01:01	22:02	12:30	92.77%
2022-02-15	12:20	12:51	13:18	00:03	00:31	01:02	23:06	13:08	96.92%
2022-02-16	12:19	12:50	13:17	00:04	00:32	01:03	No Event	13:41	99.30%
2022-02-17	12:17	12:49	13:16	00:06	00:33	01:04	00:11	14:09	99.72%
2022-02-18	12:16	12:47	13:15	00:07	00:34	01:05	01:16	14:36	98.05%
2022-02-19	12:15	12:46	13:13	00:08	00:35	01:06	02:22	15:01	94.23%
2022-02-20	12:14	12:45	13:12	00:09	00:36	01:07	03:28	15:26	88.34%
2022-02-21	12:12	12:44	13:11	00:10	00:37	01:08	04:35	15:53	80.57%
2022-02-22	12:11	12:42	13:09	00:11	00:38	01:09	05:45	16:23	71.20%
2022-02-23	12:10	12:41	13:08	00:12	00:39	01:10	06:57	16:58	60.66%
2022-02-24	12:09	12:40	13:07	00:13	00:40	01:11	08:10	17:42	49.44%
2022-02-25	12:07	12:38	13:05	00:14	00:41	01:12	09:21	18:35	38.13%
2022-02-26	12:06	12:37	13:04	00:15	00:42	01:13	10:27	19:38	27.34%
2022-02-27	12:05	12:35	13:02	00:17	00:43	01:14	11:23	20:48	17.70%
2022-02-28	12:03	12:34	13:01	00:18	00:45	01:15	12:10	22:02	9.79%
2022-03-01	12:02	12:33	12:59	00:19	00:46	01:16	12:48	23:16	4.09%
2022-03-02	12:00	12:31	12:58	00:20	00:47	01:18	13:20	No Event	0.88%
2022-03-03	11:59	12:30	12:57	00:21	00:48	01:19	13:48	00:27	0.26%
2022-03-04	11:57	12:28	12:55	00:22	00:49	01:20	14:13	01:35	2.10%
2022-03-05	11:56	12:27	12:54	00:23	00:50	01:21	14:38	02:41	6.14%
2022-03-06	11:55	12:25	12:52	00:24	00:51	01:22	15:02	03:45	12.00%
2022-03-07	11:53	12:24	12:51	00:25	00:52	01:23	15:29	04:49	19.28%
2022-03-08	11:52	12:22	12:49	00:26	00:53	01:24	15:58	05:51	27.59%
2022-03-09	11:50	12:21	12:48	00:27	00:54	01:25	16:32	06:53	36.56%
2022-03-10	11:48	12:19	12:46	00:28	00:55	01:26	17:11	07:52	45.90%
2022-03-11	11:47	12:18	12:44	00:29	00:56	01:27	17:57	08:49	55.32%
2022-03-12	11:45	12:16	12:43	00:30	00:57	01:28	18:50	09:40	64.55%
2022-03-13	11:44	12:15	12:41	00:31	00:58	01:29	19:48	10:26	73.32%
2022-03-14	11:42	12:13	12:40	00:32	00:59	01:30	20:51	11:06	81.37%

2022-04-12	10:55	11:27	11:55	01:01	01:28	02:01	20:43	10:10	75.34%
2022-04-13	10:53	11:26	11:53	01:02	01:29	02:02	21:49	10:37	83.54%
2022-04-14	10:51	11:24	11:52	01:03	01:30	02:03	22:56	11:03	90.53%
2022-04-15	10:50	11:23	11:50	01:03	01:31	02:04	No Event	11:29	95.87%
2022-04-16	10:48	11:21	11:49	01:04	01:32	02:05	00:05	11:55	99.12%
2022-04-17	10:46	11:20	11:47	01:05	01:33	02:06	01:16	12:23	99.91%
2022-04-18	10:45	11:18	11:46	01:06	01:34	02:08	02:30	12:56	98.03%
2022-04-19	10:43	11:17	11:45	01:07	01:35	02:09	03:46	13:35	93.47%
2022-04-20	10:42	11:15	11:43	01:08	01:36	02:10	05:02	14:23	86.46%
2022-04-21	10:40	11:14	11:42	01:09	01:37	02:11	06:14	15:21	77.44%
2022-04-22	10:39	11:12	11:40	01:10	01:38	02:12	07:16	16:27	67.00%
2022-04-23	10:37	11:11	11:39	01:11	01:39	02:13	08:08	17:38	55.79%
2022-04-24	10:35	11:09	11:38	01:12	01:41	02:15	08:50	18:50	44.46%
2022-04-25	10:34	11:08	11:36	01:13	01:42	02:16	09:24	20:01	33.59%
2022-04-26	10:32	11:07	11:35	01:14	01:43	02:17	09:53	21:08	23.70%
2022-04-27	10:31	11:05	11:34	01:15	01:44	02:18	10:18	22:14	15.20%
2022-04-28	10:29	11:04	11:33	01:16	01:45	02:19	10:42	23:18	8.42%
2022-04-29	10:28	11:03	11:31	01:17	01:46	02:21	11:06	No Event	3.57%
2022-04-30	10:26	11:01	11:30	01:18	01:47	02:22	11:30	00:21	0.77%
2022-05-01	10:25	11:00	11:29	01:19	01:48	02:23	11:57	01:24	0.03%
2022-05-02	10:24	10:59	11:28	01:20	01:49	02:24	12:27	02:27	1.28%
2022-05-03	10:22	10:57	11:26	01:21	01:50	02:25	13:02	03:29	4.38%
2022-05-04	10:21	10:56	11:25	01:22	01:51	02:27	13:43	04:29	9.15%
2022-05-05	10:19	10:55	11:24	01:23	01:52	02:28	14:30	05:25	15.36%
2022-05-06	10:18	10:54	11:23	01:24	01:53	02:29	15:24	06:15	22.78%
2022-05-07	10:17	10:53	11:22	01:25	01:54	02:30	16:22	06:59	31.19%
2022-05-08	10:15	10:51	11:21	01:26	01:55	02:31	17:23	07:37	40.34%
2022-05-09	10:14	10:50	11:20	01:27	01:56	02:33	18:26	08:09	49.98%
2022-05-10	10:13	10:49	11:19	01:28	01:57	02:34	19:30	08:38	59.82%

2022-05-11	10:12	10:48	11:18	01:29	01:58	02:35	20:36	09:04	69.54%
2022-05-12	10:10	10:47	11:17	01:30	01:59	02:36	21:42	09:28	78.73%
2022-05-13	10:09	10:46	11:16	01:31	02:00	02:37	22:52	09:54	86.90%
2022-05-14	10:08	10:45	11:15	01:31	02:01	02:38	No Event	10:20	93.52%
2022-05-15	10:07	10:44	11:14	01:32	02:02	02:40	00:05	10:51	98.03%
2022-05-16	10:06	10:43	11:13	01:33	02:03	02:41	01:21	11:28	99.95%
2022-05-17	10:05	10:42	11:12	01:34	02:04	02:42	02:40	12:12	99.00%
2022-05-18	10:04	10:41	11:12	01:35	02:05	02:43	03:56	13:08	95.13%
2022-05-19	10:03	10:40	11:11	01:36	02:06	02:44	05:05	14:13	88.61%
2022-05-20	10:02	10:39	11:10	01:37	02:07	02:45	06:03	15:26	79.94%
2022-05-21	10:01	10:39	11:09	01:38	02:08	02:46	06:50	16:40	69.78%
2022-05-22	10:00	10:38	11:09	01:39	02:09	02:47	07:27	17:52	58.82%
2022-05-23	09:59	10:37	11:08	01:39	02:10	02:48	07:57	19:01	47.70%
2022-05-24	09:58	10:36	11:07	01:40	02:11	02:50	08:24	20:07	36.98%
2022-05-25	09:57	10:36	11:07	01:41	02:12	02:51	08:48	21:10	27.10%
2022-05-26	09:56	10:35	11:06	01:42	02:13	02:52	09:11	22:13	18.43%
2022-05-27	09:56	10:34	11:05	01:43	02:14	02:53	09:35	23:15	11.24%
2022-05-28	09:55	10:34	11:05	01:43	02:15	02:54	10:00	No Event	5.73%
2022-05-29	09:54	10:33	11:04	01:44	02:15	02:55	10:29	00:18	2.04%
2022-05-30	09:53	10:33	11:04	01:45	02:16	02:56	11:02	01:20	0.22%
2022-05-31	09:53	10:32	11:04	01:46	02:17	02:56	11:40	02:21	0.28%
2022-06-01	09:52	10:32	11:03	01:46	02:18	02:57	12:25	03:18	2.16%
2022-06-02	09:52	10:31	11:03	01:47	02:19	02:58	13:17	04:11	5.77%
2022-06-03	09:51	10:31	11:02	01:48	02:19	02:59	14:13	04:57	10.96%
2022-06-04	09:51	10:30	11:02	01:48	02:20	03:00	15:13	05:36	17.57%
2022-06-05	09:50	10:30	11:02	01:49	02:21	03:01	16:15	06:10	25.41%
2022-06-06	09:50	10:30	11:02	01:50	02:22	03:01	17:17	06:39	34.27%
2022-06-07	09:50	10:30	11:01	01:50	02:22	03:02	18:20	07:05	43.91%

2022-06-08	09:49	10:29	11:01	01:51	02:23	03:03	19:24	07:30	54.04%
2022-06-09	09:49	10:29	11:01	01:51	02:23	03:04	20:31	07:54	64.31%
2022-06-10	09:49	10:29	11:01	01:52	02:24	03:04	21:40	08:19	74.28%
2022-06-11	09:48	10:29	11:01	01:53	02:25	03:05	22:53	08:47	83.41%
2022-06-12	09:48	10:29	11:01	01:53	02:25	03:05	No Event	09:19	91.08%
2022-06-13	09:48	10:29	11:01	01:53	02:26	03:06	00:11	10:00	96.66%
2022-06-14	09:48	10:29	11:01	01:54	02:26	03:06	01:29	10:50	99.59%
2022-06-15	09:48	10:29	11:01	01:54	02:26	03:07	02:44	11:52	99.53%
2022-06-16	09:48	10:29	11:01	01:55	02:27	03:07	03:50	13:04	96.42%
2022-06-17	09:48	10:29	11:01	01:55	02:27	03:08	04:43	14:21	90.56%
2022-06-18	09:48	10:29	11:01	01:55	02:28	03:08	05:25	15:37	82.47%
2022-06-19	09:48	10:29	11:01	01:56	02:28	03:08	05:59	16:49	72.83%
2022-06-20	09:48	10:29	11:01	01:56	02:28	03:09	06:27	17:58	62.32%
2022-06-21	09:49	10:29	11:02	01:56	02:28	03:09	06:52	19:03	51.55%
2022-06-22	09:49	10:30	11:02	01:56	02:29	03:09	07:16	20:07	41.05%
2022-06-23	09:49	10:30	11:02	01:57	02:29	03:09	07:40	21:09	31.21%
2022-06-24	09:50	10:30	11:02	01:57	02:29	03:09	08:04	22:11	22.37%
2022-06-25	09:50	10:30	11:03	01:57	02:29	03:10	08:32	23:13	14.76%
2022-06-26	09:50	10:31	11:03	01:57	02:29	03:10	09:03	No Event	8.61%
2022-06-27	09:51	10:31	11:03	01:57	02:29	03:10	09:40	00:14	4.04%
2022-06-28	09:51	10:32	11:04	01:57	02:29	03:10	10:23	01:12	1.19%
2022-06-29	09:52	10:32	11:04	01:57	02:29	03:10	11:12	02:07	0.11%
2022-06-30	09:52	10:33	11:05	01:57	02:29	03:09	12:07	02:55	0.84%
2022-07-01	09:53	10:33	11:05	01:57	02:29	03:09	13:06	03:36	3.34%
2022-07-02	09:53	10:34	11:06	01:57	02:29	03:09	14:07	04:11	7.56%
2022-07-03	09:54	10:34	11:06	01:57	02:29	03:09	15:09	04:42	13.39%
2022-07-04	09:55	10:35	11:07	01:57	02:28	03:09	16:11	05:09	20.67%
2022-07-05	09:55	10:35	11:07	01:56	02:28	03:08	17:14	05:33	29.22%
2022-07-06	09:56	10:36	11:08	01:56	02:28	03:08	18:17	05:56	38.81%

2022-08-04	10:25	11:01	11:31	01:36	02:06	02:42	18:20	04:48	34.59%
2022-08-05	10:26	11:02	11:31	01:35	02:05	02:41	19:30	05:15	45.06%
2022-08-06	10:27	11:03	11:32	01:34	02:03	02:39	20:43	05:47	56.05%
2022-08-07	10:28	11:04	11:33	01:33	02:02	02:38	21:57	06:25	67.04%
2022-08-08	10:29	11:05	11:34	01:32	02:01	02:37	23:08	07:14	77.41%
2022-08-09	10:31	11:06	11:35	01:31	02:00	02:35	No Event	08:15	86.47%
2022-08-10	10:32	11:07	11:36	01:29	01:58	02:34	00:12	09:26	93.57%
2022-08-11	10:33	11:08	11:37	01:28	01:57	02:32	01:05	10:44	98.12%
2022-08-12	10:34	11:09	11:38	01:27	01:56	02:31	01:48	12:02	99.80%
2022-08-13	10:35	11:10	11:39	01:26	01:55	02:29	02:23	13:19	98.56%
2022-08-14	10:36	11:11	11:40	01:24	01:53	02:28	02:52	14:31	94.62%
2022-08-15	10:37	11:12	11:41	01:23	01:52	02:26	03:19	15:40	88.43%
2022-08-16	10:39	11:13	11:41	01:22	01:50	02:25	03:43	16:47	80.55%
2022-08-17	10:40	11:14	11:42	01:21	01:49	02:23	04:08	17:52	71.53%
2022-08-18	10:41	11:15	11:43	01:19	01:48	02:22	04:35	18:56	61.88%
2022-08-19	10:42	11:16	11:44	01:18	01:46	02:20	05:04	19:59	52.02%
2022-08-20	10:43	11:17	11:45	01:16	01:45	02:19	05:37	21:00	42.32%
2022-08-21	10:44	11:18	11:46	01:15	01:43	02:17	06:16	21:57	33.06%
2022-08-22	10:45	11:19	11:47	01:14	01:42	02:15	07:02	22:49	24.51%
2022-08-23	10:46	11:20	11:48	01:12	01:40	02:14	07:54	23:34	16.89%
2022-08-24	10:47	11:21	11:49	01:11	01:39	02:12	08:51	No Event	10.45%
2022-08-25	10:48	11:22	11:50	01:09	01:37	02:10	09:52	00:14	5.40%
2022-08-26	10:50	11:23	11:51	01:08	01:36	02:09	10:54	00:47	1.95%
2022-08-27	10:51	11:24	11:51	01:06	01:34	02:07	11:57	01:16	0.30%
2022-08-28	10:52	11:25	11:52	01:05	01:33	02:06	13:00	01:42	0.59%
2022-08-29	10:53	11:26	11:53	01:03	01:31	02:04	14:03	02:05	2.89%
2022-08-30	10:54	11:27	11:54	01:02	01:29	02:02	15:07	02:29	7.23%
2022-08-31	10:55	11:28	11:55	01:00	01:28	02:01	16:13	02:52	13.51%
2022-09-01	10:56	11:29	11:56	00:59	01:26	01:59	17:21	03:18	21.55%

2022-09-30	11:25	11:56	12:22	00:13	00:39	01:10	17:36	02:23	18.51%
2022-10-01	11:26	11:57	12:23	00:11	00:38	01:09	18:48	03:04	27.98%
2022-10-02	11:26	11:57	12:24	00:10	00:36	01:07	19:54	03:55	38.66%
2022-10-03	11:27	11:58	12:25	00:08	00:35	01:05	20:51	04:56	50.00%
2022-10-04	11:28	11:59	12:26	00:06	00:33	01:04	21:39	06:06	61.40%
2022-10-05	11:29	12:00	12:27	00:05	00:31	01:02	22:18	07:20	72.22%
2022-10-06	11:30	12:01	12:28	00:03	00:30	01:01	22:50	08:35	81.87%
2022-10-07	11:31	12:02	12:29	00:02	00:28	00:59	23:18	09:48	89.79%
2022-10-08	11:32	12:03	12:30	23:59	00:27	00:58	23:43	10:59	95.59%
2022-10-09	11:33	12:04	12:31	23:57	00:25	00:56	No Event	12:07	99.00%
2022-10-10	11:34	12:05	12:32	23:56	00:24	00:55	00:08	13:15	99.94%
2022-10-11	11:35	12:06	12:33	23:54	00:22	00:53	00:33	14:22	98.52%
2022-10-12	11:36	12:07	12:34	23:53	00:21	00:52	01:00	15:29	94.97%
2022-10-13	11:37	12:08	12:35	23:51	00:19	00:50	01:31	16:34	89.61%
2022-10-14	11:38	12:09	12:36	23:50	00:18	00:49	02:06	17:36	82.79%
2022-10-15	11:39	12:10	12:37	23:48	00:17	00:48	02:47	18:34	74.85%
2022-10-16	11:40	12:11	12:38	23:47	00:15	00:46	03:35	19:25	66.13%
2022-10-17	11:41	12:12	12:39	23:45	00:14	00:45	04:28	20:09	56.92%
2022-10-18	11:42	12:13	12:40	23:44	00:12	00:43	05:27	20:47	47.48%
2022-10-19	11:43	12:14	12:41	23:43	00:11	00:42	06:28	21:18	38.10%
2022-10-20	11:44	12:15	12:42	23:41	00:10	00:41	07:30	21:46	29.03%
2022-10-21	11:45	12:16	12:43	23:40	00:08	00:39	08:33	22:11	20.58%
2022-10-22	11:46	12:17	12:44	23:39	00:07	00:38	09:36	22:35	13.10%
2022-10-23	11:47	12:18	12:45	23:37	00:06	00:37	10:41	22:58	6.96%
2022-10-24	11:48	12:19	12:46	23:36	00:04	00:36	11:47	23:23	2.56%
2022-10-25	11:48	12:20	12:47	23:35	00:03	00:34	12:56	23:50	0.27%
2022-10-26	11:49	12:21	12:48	23:33	00:02	00:33	14:08	No Event	0.38%
2022-10-27	11:50	12:22	12:49	23:32	23:59	00:32	15:23	00:22	3.04%
2022-10-28	11:51	12:23	12:50	23:31	23:58	00:31	16:38	01:01	8.23%

2022-11-26	12:20	12:53	13:22	23:06	23:36	00:09	16:39	00:36	5.97%
2022-11-27	12:21	12:54	13:23	23:06	23:35	00:09	17:35	01:43	12.87%
2022-11-28	12:22	12:55	13:24	23:06	23:35	00:08	18:20	02:57	21.82%
2022-11-29	12:23	12:56	13:25	23:05	23:35	00:08	18:56	04:13	32.18%
2022-11-30	12:24	12:57	13:26	23:05	23:35	00:08	19:25	05:27	43.28%
2022-12-01	12:25	12:58	13:27	23:05	23:34	00:08	19:51	06:38	54.47%
2022-12-02	12:25	12:59	13:28	23:05	23:34	00:08	20:15	07:46	65.20%
2022-12-03	12:26	12:59	13:29	23:05	23:34	00:07	20:39	08:51	75.00%
2022-12-04	12:27	13:00	13:30	23:04	23:34	00:07	21:04	09:56	83.48%
2022-12-05	12:28	13:01	13:31	23:04	23:34	00:07	21:31	11:01	90.37%
2022-12-06	12:29	13:02	13:32	23:04	23:34	00:07	22:02	12:06	95.47%
2022-12-07	12:30	13:03	13:33	23:04	23:34	00:07	22:38	13:11	98.66%
2022-12-08	12:30	13:04	13:34	23:04	23:34	00:07	23:21	14:12	99.92%
2022-12-09	12:31	13:05	13:34	23:04	23:34	00:08	No Event	15:09	99.27%
2022-12-10	12:32	13:05	13:35	23:04	23:34	00:08	00:10	15:59	96.81%
2022-12-11	12:33	13:06	13:36	23:05	23:35	00:08	01:05	16:42	92.69%
2022-12-12	12:33	13:07	13:37	23:05	23:35	00:08	02:04	17:17	87.09%
2022-12-13	12:34	13:08	13:38	23:05	23:35	00:08	03:05	17:48	80.19%
2022-12-14	12:35	13:08	13:38	23:05	23:35	00:08	04:06	18:14	72.19%
2022-12-15	12:35	13:09	13:39	23:06	23:36	00:09	05:06	18:38	63.32%
2022-12-16	12:36	13:10	13:40	23:06	23:36	00:09	06:07	19:00	53.80%
2022-12-17	12:37	13:10	13:40	23:06	23:36	00:09	07:09	19:22	43.90%
2022-12-18	12:37	13:11	13:41	23:07	23:37	00:10	08:13	19:46	33.95%
2022-12-19	12:38	13:11	13:41	23:07	23:37	00:10	09:20	20:13	24.35%
2022-12-20	12:38	13:12	13:42	23:07	23:38	00:11	10:32	20:46	15.61%
2022-12-21	12:39	13:12	13:43	23:08	23:38	00:11	11:48	21:26	8.30%
2022-12-22	12:39	13:13	13:43	23:08	23:39	00:12	13:04	22:17	3.04%
2022-12-23	12:40	13:13	13:43	23:09	23:39	00:12	14:18	23:21	0.37%
2022-12-24	12:40	13:14	13:44	23:10	23:40	00:13	15:21	No Event	0.64%

2022-12-25	12:41	13:14	13:44	23:10	23:40	00:13	16:13	00:35	3.92%
2022-12-26	12:41	13:15	13:45	23:11	23:41	00:14	16:54	01:53	9.94%
2022-12-27	12:41	13:15	13:45	23:11	23:42	00:14	17:27	03:12	18.18%
2022-12-28	12:42	13:15	13:45	23:12	23:42	00:15	17:55	04:26	27.98%
2022-12-29	12:42	13:16	13:46	23:13	23:43	00:16	18:20	05:37	38.64%
2022-12-30	12:42	13:16	13:46	23:14	23:44	00:16	18:44	06:44	49.52%
2022-12-31	12:43	13:16	13:46	23:14	23:44	00:17	19:08	07:50	60.09%

Moon Phases

Previous New	Previous First Quarter	Previous Full	Previous Last Quarter	Next New	Next First Quarter	Next Full	Next Last Quarter
2022-03-02 17:36:00	2022-03-10 10:47:00	2022-03-18 07:19:00	2022-03-25 05:38:00	2022-04-01 06:26:00	2022-04-09 06:49:00	2022-04-16 18:56:00	2022-04-23 11:58:00

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.

UNCLASSIFIED