

January 2023

Date	Nautical Twilight Begin	Sunrise	Sunset	Nautical Twilight End	Moon Rise	Moon Set	% Illumination @ 2359Z
1-Jan-23	6:33	7:30	17:40	18:37	13:53	2:46	70%
2-Jan-23	6:33	7:30	17:41	18:38	14:27	3:46	79%
3-Jan-23	6:33	7:30	17:42	18:38	15:05	4:45	86%
4-Jan-23	6:34	7:30	17:42	18:39	15:48	5:44	92%
5-Jan-23	6:34	7:30	17:43	18:40	16:37	6:40	96%
6-Jan-23	6:34	7:30	17:44	18:40	17:30	7:32	99%
7-Jan-23	6:34	7:31	17:45	18:41	18:25	8:19	100%
8-Jan-23	6:34	7:31	17:46	18:42	19:22	0:375	99%
9-Jan-23	6:34	7:31	17:46	18:43	20:19	9:35	96%
10-Jan-23	6:34	7:31	17:47	18:43	21:15	10:07	92%
11-Jan-23	6:34	7:31	17:48	18:44	22:10	10:36	86%
12-Jan-23	6:34	7:30	17:49	18:45	23:05	11:03	79%
13-Jan-23	6:34	7:30	17:50	18:46	No Event	11:30	70%
14-Jan-23	6:34	7:30	17:51	18:47	0:01	11:57	61%
15-Jan-23	6:34	7:30	17:52	18:47	1:00	12:27	51%
16-Jan-23	6:34	7:30	17:52	18:48	2:01	13:01	41%
17-Jan-23	6:34	7:30	17:53	18:49	3:07	13:41	30%
18-Jan-23	6:34	7:30	17:54	18:50	4:17	14:29	21%
19-Jan-23	6:34	7:29	17:55	18:51	5:28	15:28	12%
20-Jan-23	6:34	7:29	17:56	18:51	6:36	16:37	5%
21-Jan-23	6:33	7:29	17:57	18:52	7:36	17:51	1%
22-Jan-23	6:33	7:28	17:58	18:53	8:28	19:07	0%
23-Jan-23	6:33	7:28	17:59	18:54	9:12	20:20	2%
24-Jan-23	6:32	7:28	18:00	18:55	9:49	21:29	7%
25-Jan-23	6:32	7:27	18:00	18:55	10:22	22:35	14%
26-Jan-23	6:32	7:27	18:01	18:56	10:52	23:37	23%
27-Jan-23	6:31	7:26	18:02	18:57	11:23	No Event	33%
28-Jan-23	6:31	7:26	18:03	18:58	11:54	0:39	43%
29-Jan-23	6:31	7:25	18:04	18:59	12:27	1:39	54%
30-Jan-23	6:30	7:25	18:05	18:59	13:04	2:39	64%
31-Jan-23	6:30	7:24	18:06	19:00	13:46	3:39	73%