



Nov 2017 Skies

Come to our monthly Sky Watchers meetings
 Details at www.sky-watchers.co



www.sky-watchers.co

Coal Creek Canyon, CO
9pm Early November
8 pm Mid November
7pm Late November

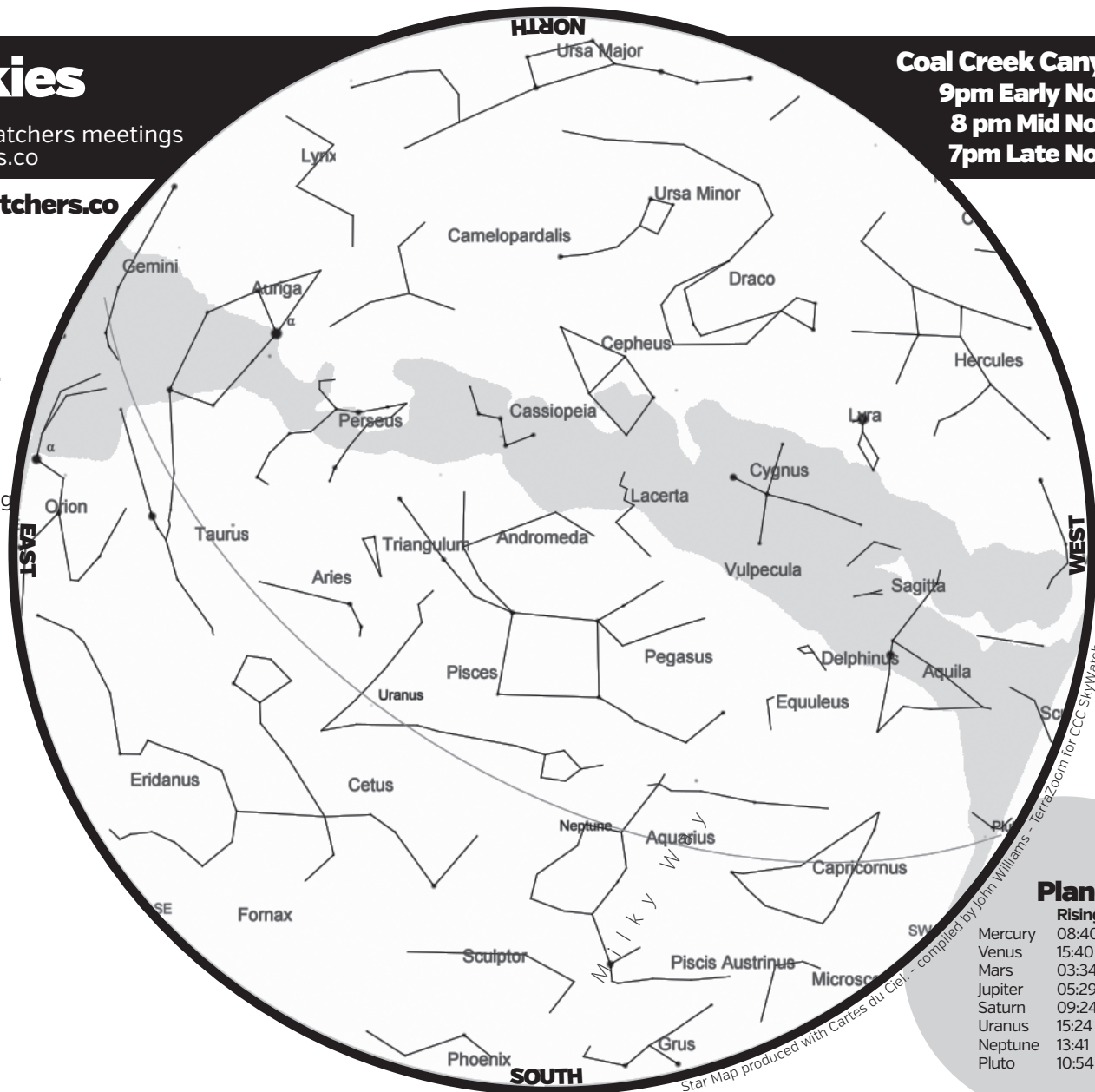
Sky Events - November 2017

- 3 Full [Hunter's] Moon
- 4 **SkyWatchers Meeting**
- 4,5 Taurid's Meteor Shower
- 10 Last Quarter Moon
- 13 **DON'T MISS! - Conjunction Venus/Jupiter**
- 14 Moon near Mars
- 17, 18 Leonid's Meteor Shower
- 17 New Moon
- 20 Moon near Saturn
- 24 Mercury at Greatest Eastern Elongation (evening)
- 26 First Quarter Moon

Dec 2 SkyWatchers Meeting - 7pm

ISS, Iridium Flares

Date	Satellite	Start/End & Direction	Magnitude
04	ISS	07:06 NW - 07:09 NNE	-1.5
05	ISS	05:15 NNW - 05:17 NNE	-1.7
05	Iridium 81	05:59 SSE	-6.5 [-6.6]
05	Iridium 82	18:04 NNE	-1.6 [-8.5]
06	Iridium 41	05:53 SSE	-0.1 [-6.5]
06	ISS	06:00 NNW - 06:02 NNE	-1.3
07	ISS	05:08 N - 05:09 NNE	-1.3
08	Iridium 40	05:04 S	-5.0 [-9.2]
08	Iridium 81	05:46 SSE	-1.3 [-6.7]
08	ISS	05:52 NNW - 05:54 NNE	-1.3
09	Iridium 98	05:44 SSE	-6.7 [-6.8]
10	ISS	05:44 NNW - 05:47 NE	-1.3
10	Iridium 98	18:04 NNE	-3.0 [-8.3]
11	ISS	04:53 N - 04:54 NNE	-1.1
11	Iridium 81	05:33 SSE	0.5 [-6.8]
11	Iridium 82	17:34 NNE	0.3 [-8.6]
12	ISS	05:36 NNW - 05:40 ENE	-1.7
12	Iridium 65	18:51 SSE	-2.4 [-7.7]
13	ISS	04:46 NNE - 04:47 NE	-1.3
13	Iridium 68	18:45 SSE	-1.3 [-7.6]
14	ISS	05:28 NNW - 05:33 E	-2.6
14	Iridium 41	17:40 NE	0.2 [-8.4]
15	ISS	04:38 NE - 04:40 E	-1.6
15	Iridium 39	05:09 S	-0.6 [-7.2]
15	ISS	06:11 WNW - 06:17 SE	-3.5
16	ISS	05:21 NW - 05:25 ESE	-3.8
16	Iridium 67	18:36 SSE	0.9 [-7.6]
17	ISS	04:31 E - 04:33 ESE	-1.5
17	ISS	06:04 W - 06:08 S	-2.2
17	Iridium 72	18:30 SSW	-3.4 [-7.6]
18	ISS	05:14 SSW - 05:17 SSE	-3.2
18	Iridium 81	17:20 NE	-8.4 [-8.5]
18	Iridium 62	18:24 SSE	-1.0 [-7.6]
19	ISS	04:24 SE - 04:25 SE	-0.8
19	Iridium 80	05:02 S	-0.9 [-6.9]
21	Iridium 70	18:15 S	-1.4 [-7.5]
22	Iridium 21	06:41 NNW	-6.7 [-8.5]
22	Iridium 64	18:09 S	-7.3 [-7.5]
23	Iridium 41	04:47 S	-5.8 [-6.9]
23	Iridium 67	18:03 S	-0.4 [-7.5]
25	ISS	18:56 SW - 18:57 SW	-1.3
26	Iridium 98	04:38 S	-1.0 [-6.8]
26	Iridium 66	17:54 S	0.9 [-7.2]
26	ISS	18:04 SSW - 18:07 SE	-3.0
27	ISS	17:12 S - 17:17 E	-1.9
27	Iridium 21	17:48 S	-4.2 [-7.3]
27	ISS	18:47 WSW - 18:50 W	-2.0
28	ISS	17:55 SW - 17:59 NE	-3.9
29	ISS	17:03 SSW - 17:09 ENE	-3.2
29	ISS	18:40 W - 18:42 NW	-1.9
30	Iridium 70	06:03 NNW	-3.7 [-8.3]
30	ISS	17:47 WSW - 17:52 NNE	-2.8



Planets

	Rising	Setting
Mercury	08:40	17:38
Venus	15:40	16:07
Mars	03:34	15:01
Jupiter	05:29	15:58
Saturn	09:24	15:58
Uranus	15:24	04:28
Neptune	13:41	00:47
Pluto	10:54	20:16

* denotes that prediction accuracy may be off by several seconds.

For Iridium flares first number in magnitude area is the magnitude of the satellite before the flare; number in parenthesis indicates the magnitude of the flare itself