



December 2018 Skies

Come to our monthly Sky Watchers meetings
 Details at www.sky-watchers.co and
 Facebook: CoalCreekCanyonSkyWatchers



www.sky-watchers.co

Coal Creek Canyon, CO
10pm Early December
9 pm Mid December
8pm Late December

Sky Events - December 2018

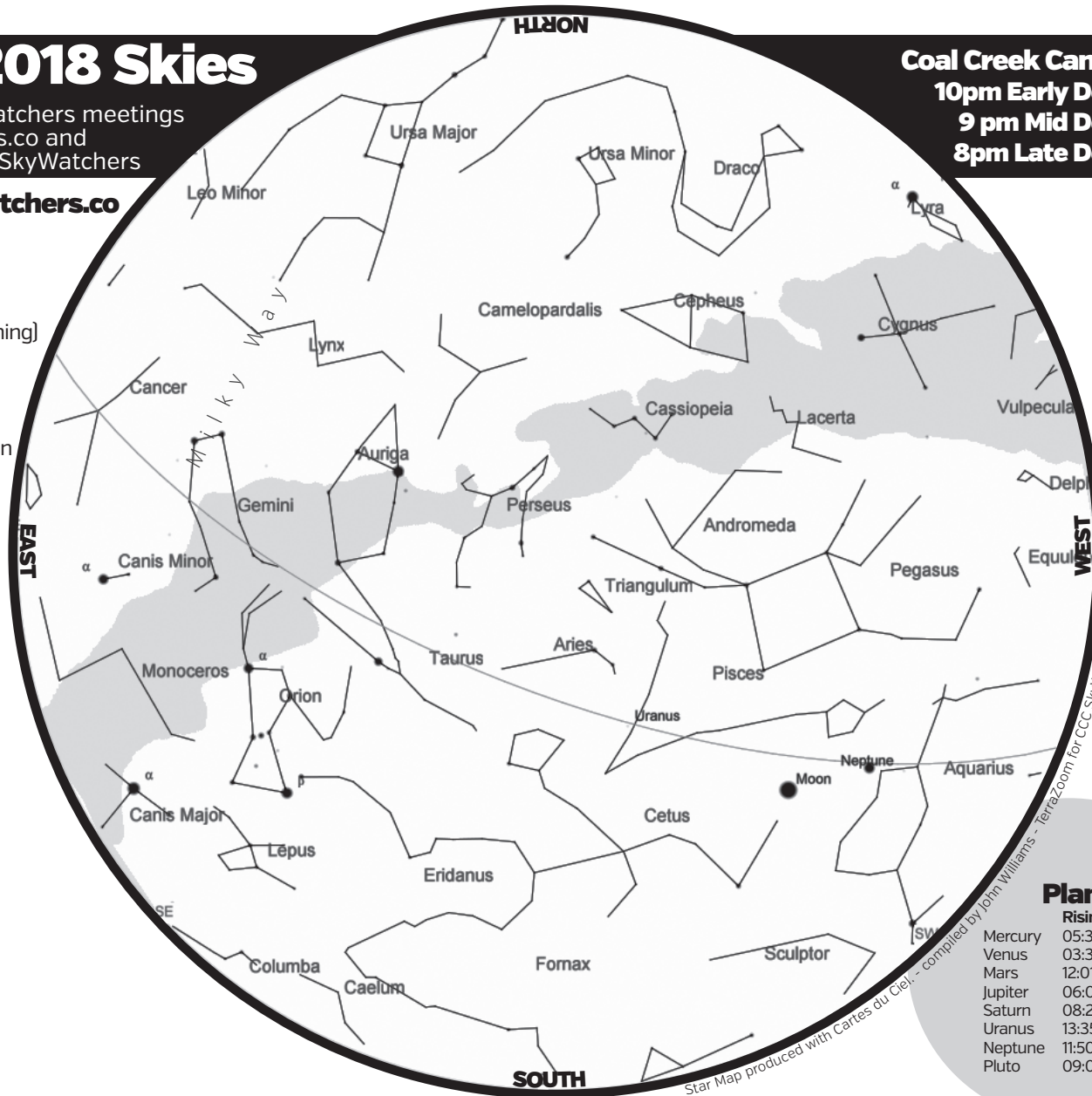
- 7 New Moon
- 13, 14 Geminids Meteor Shower
- 15 Mercury at Greatest Western Elongation (morning)
- 15 First Quarter Moon
- 15 SkyWatchers Meeting**
- 21 Solstice - 3:22 pm MST
- 21 Mercury near Jupiter
- 22 Full (Cold, Long Nights, Moon before Yule) Moon
- 21, 22 Ursid Meteor Shower
- 29 Last Quarter Moon

ISS and Iridium Passes

Date	Satellite	Start/End & Direction	Magnitude
15	ISS	17:43 W - 17:47 SSW	-0.6
17	Iridium 64	05:31 SSE	-5.6 [-6.3]
18	Iridium 64	17:44 NE	1.0 [-8.5]
20	Iridium 64	19:05 SSE	0.4 [-6.3]
21	Iridium 64	17:31 NE	-6.1 [-8.5]
22	ISS	06:45 SSW - 06:51 ENE	-2.2
23	ISS	05:53 S - 05:58 E	-1.0
24	ISS	05:03 SE - 05:04 ESE	-0.4
24	ISS	06:36 SW - 06:43 NE	-3.9
24	Iridium 64	17:17 NE	0.7 [-8.6]
25	ISS	05:45 SSW - 05:51 ENE	-3.0
26	ISS	04:56 ESE - 04:58 ENE	-1.4
26	ISS	06:29 W - 06:35 NE	-3.1
27	ISS	05:39 NNW - 05:42 NE	-3.8
28	ISS	06:22 NW - 06:26 NNE	-2.2
29	ISS	05:32 NNE - 05:34 NE	-1.9
30	ISS	06:15 NNW - 06:18 NNE	-1.7

* 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



Planets

	Rising	Setting
Mercury	05:31	15:22
Venus	03:33	14:13
Mars	12:01	23:27
Jupiter	06:05	15:34
Saturn	08:26	17:42
Uranus	13:35	02:48
Neptune	11:50	22:58
Pluto	09:09	18:29

Star Map produced with Cartes du Ciel - compiled by John Williams - TerraZoom for CCC SkyWatchers