



# February 2020 Skies

Come to our monthly Sky Watchers meetings  
 Details at [www.sky-watchers.co](http://www.sky-watchers.co) and  
 Facebook: CoalCreekCanyonSkyWatchers



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

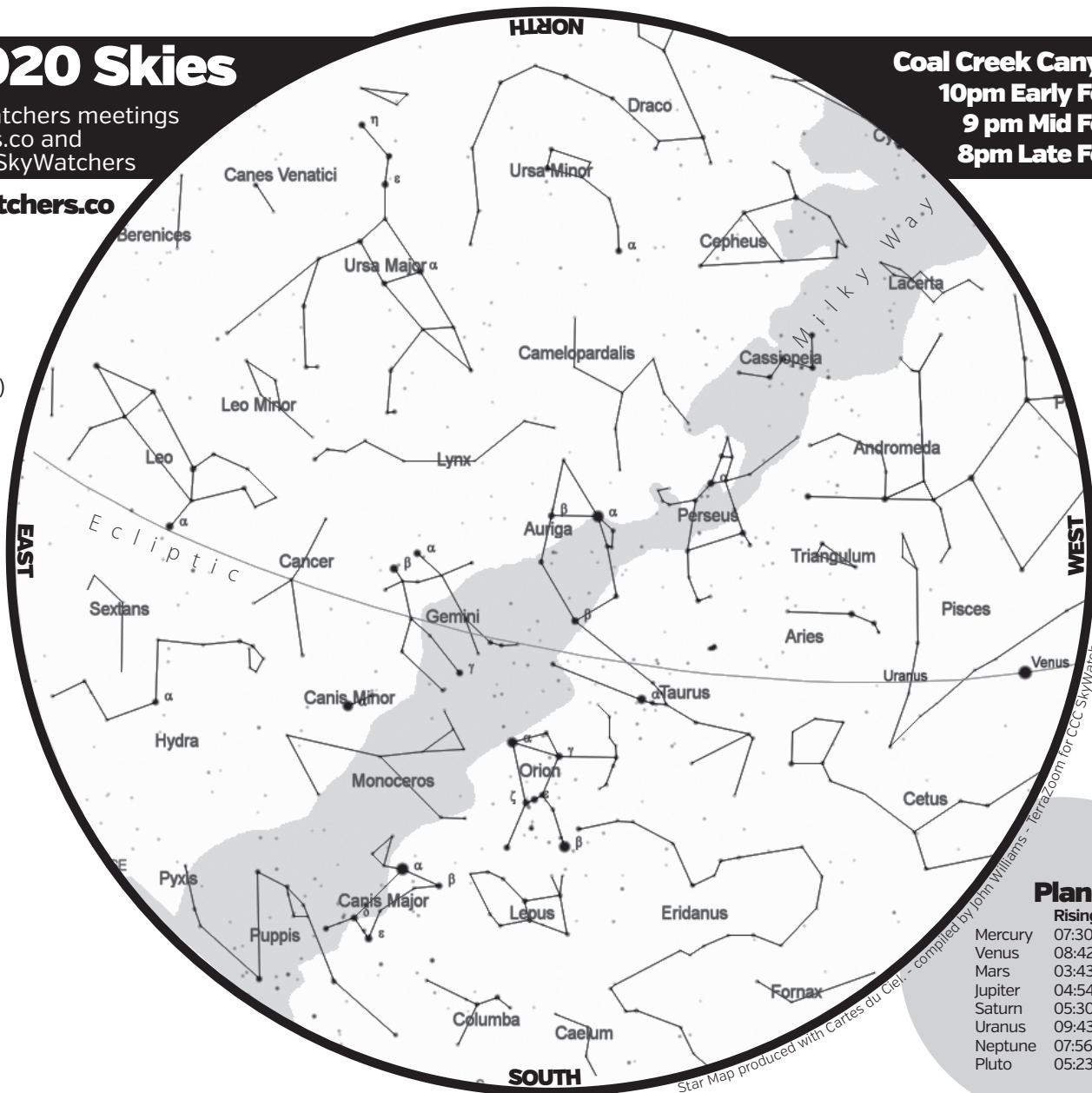
## Sky Events - February 2020

- 1 First Quarter Moon
- 8  $\alpha$ -Centaurid meteor shower
- 9 Full (Snow) Moon (SuperMoon)
- 11 Mercury at Greatest Eastern Elongation (evening)
- 15 Last Quarter Moon
- 18 Conjunction Moon and Mars
- 19 Conjunction Moon and Jupiter
- 20 Conjunction Moon and Saturn
- 23 New Moon
- 27 Conjunction Moon and Venus

**March 7 SkyWatchers Meeting 7pm CCCIA**

## Orbital Passes

Date	Satellite	Start/End & Direction	Magnitude
01	ISS	18:14 NNW - 18:17 NE	-1.5
02	ISS	19:02 NNW - 19:03 N	-2.0
03	ISS	18:14 NNW - 18:18 NE	-2.0
04	ISS	19:02 NW - 19:05 N	-3.5
05	ISS	18:14 NW - 18:19 E	-3.0
06	ISS	19:02 WNW - 19:07 S	-2.9
07	ISS	18:14 NW - 18:21 SE	-3.8
08	ISS	19:03 W - 19:08 S	-0.8
09	ISS	18:15 WNW - 18:20 SSE	-1.6
18	ISS	06:09 SSE - 06:12 E	-0.5
20	ISS	06:07 SSW - 06:13 ENE	-2.2
21	ISS	05:19 S - 05:25 E	-1.3
22	ISS	04:33 SE - 04:35 ESE	-0.8
22	ISS	06:07 WSW - 06:13 NE	-3.8
23	ISS	05:20 SSW - 05:25 ENE	-3.5
24	ISS	04:34 ESE - 04:37 ENE	-1.9
24	ISS	06:07 W - 06:13 NE	-2.7
25	ISS	05:21 WNW - 05:25 NE	-3.3
26	ISS	04:35 NE - 04:37 NE	-2.0
27	ISS	05:21 NW - 05:25 NNE	-2.2
28	ISS	04:35 NNE - 04:36 NE	-1.6
29	ISS	05:21 NNW - 05:24 NNE	-1.5



## Planets

	Rising	Setting
Mercury	07:30	18:55
Venus	08:42	21:06
Mars	03:43	12:51
Jupiter	04:54	14:11
Saturn	05:30	14:59
Uranus	09:43	23:03
Neptune	07:56	19:14
Pluto	05:23	14:43

All Iridium satellites that "flare" were deorbited by end of 2018. No more Iridium flares.

**Orbital Information:**  
 Tiangong 2: decayed  
 ISS: 408 x 411 km, 51.6°  
 Hubble: 537 x 540 km, 28.5°

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