



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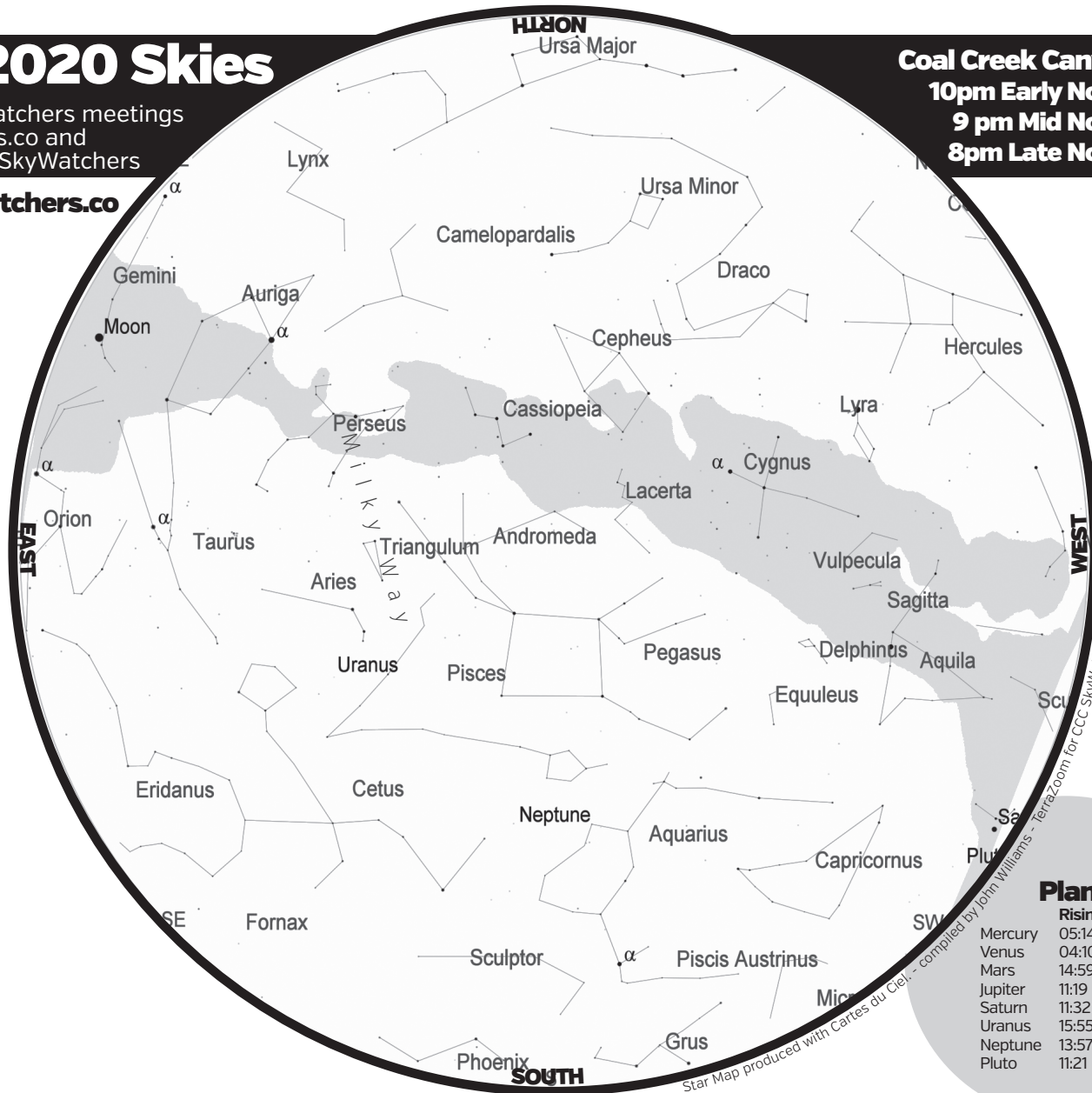
**Coal Creek Canyon, CO**  
**10pm Early November**  
**9 pm Mid November**  
**8pm Late November**

## Sky Events - November 2020

- 8 Last Quarter Moon
- 10 Mercury at Greatest Western Elongation [morning]
- 11, 12 Northern Taurids Meteor Shower
- 12 Moon near Venus
- 15 New Moon
- 16, 17 Leonids Meteor Shower
- 19 Moon near Jupiter and Saturn
- 21 First Quarter Moon
- 30 Full [Beaver, Frosty, Dark] Moon
- 30 Penumbral Lunar Eclipse

## ISS Passes

Date	Satellite	Start/End & Direction	Magnitude
04	ISS	05:45 NNW - 05:50 ENE	-1.7
05	ISS	04:59 N - 05:02 ENE	-1.5
06	ISS	04:13 NE - 04:14 NE	-0.7
06	ISS	05:46 NW - 05:52 ESE	-2.7
07	ISS	05:00 N - 05:04 E	-2.1
08	ISS	04:15 NE - 04:16 ENE	-1.0
08	ISS	05:48 WNW - 05:54 SE	-3.8
09	ISS	05:02 NNW - 05:06 ESE	-3.6
10	ISS	04:17 E - 04:18 ESE	-1.2
10	ISS	05:50 W - 05:54 S	-2.3
11	ISS	05:04 SSW - 05:07 SSE	-3.0
12	ISS	04:19 SE - 04:19 SE	-0.8
17	ISS	18:33 SSW - 18:34 S	-1.8
18	ISS	17:46 S - 17:49 ESE	-1.9
18	ISS	19:21 WSW - 19:22 WSW	-0.5
19	ISS	18:33 SW - 18:36 SW	-3.4
20	ISS	17:46 SW - 17:50 ENE	-3.5
20	ISS	19:23 W - 19:23 WNW	-0.4
21	ISS	18:35 W - 18:38 NNW	-2.4
22	ISS	17:46 WSW - 17:52 NE	-3.2
23	ISS	18:37 WNW - 18:39 NNW	-1.5
24	ISS	17:48 W - 17:53 NNE	-2.0
25	ISS	18:39 NW - 18:40 NNW	-1.0
26	ISS	17:50 NW - 17:54 NNE	-1.4
28	ISS	17:52 NNW - 17:55 NNE	-1.3
29	ISS	17:04 NW - 17:07 NNE	-1.3
30	ISS	17:54 NNW - 17:56 NNE	-1.4



## Planets

	Rising	Setting
Mercury	05:14	15:57
Venus	04:10	15:22
Mars	14:59	03:53
Jupiter	11:19	20:40
Saturn	11:32	20:59
Uranus	15:55	05:30
Neptune	13:57	01:20
Pluto	11:21	20:36

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