



Colorado Springs Astronomical Society

What's Up? April 2016

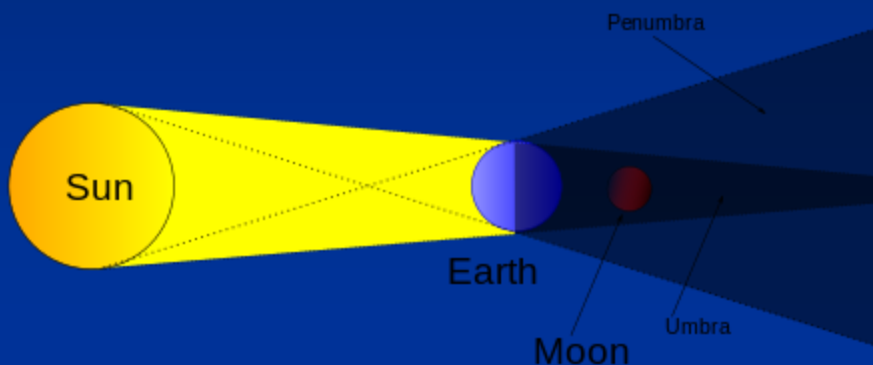
**Presented by Dave Warner
Mar 22, 2016**



What's left to see in March?

23 MAR

- Penumbral eclipse of the Moon
 - 03:40 until 07:55 with maximum eclipse at 05:48



This month's source credit: In-The-Sky.org

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What to see in April?

- **April 01**
 - **M104 M94 M51 M83 M3 M101** are all well placed for observation
- **April 22**
 - **Lyrid Meteor Shower**



This months source credit: [In-The-Sky.org](https://in-the-sky.org)

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Jupiter Double Moon Transits (MDT)

March 29: 1:00 AM

April 5: 3:37 AM

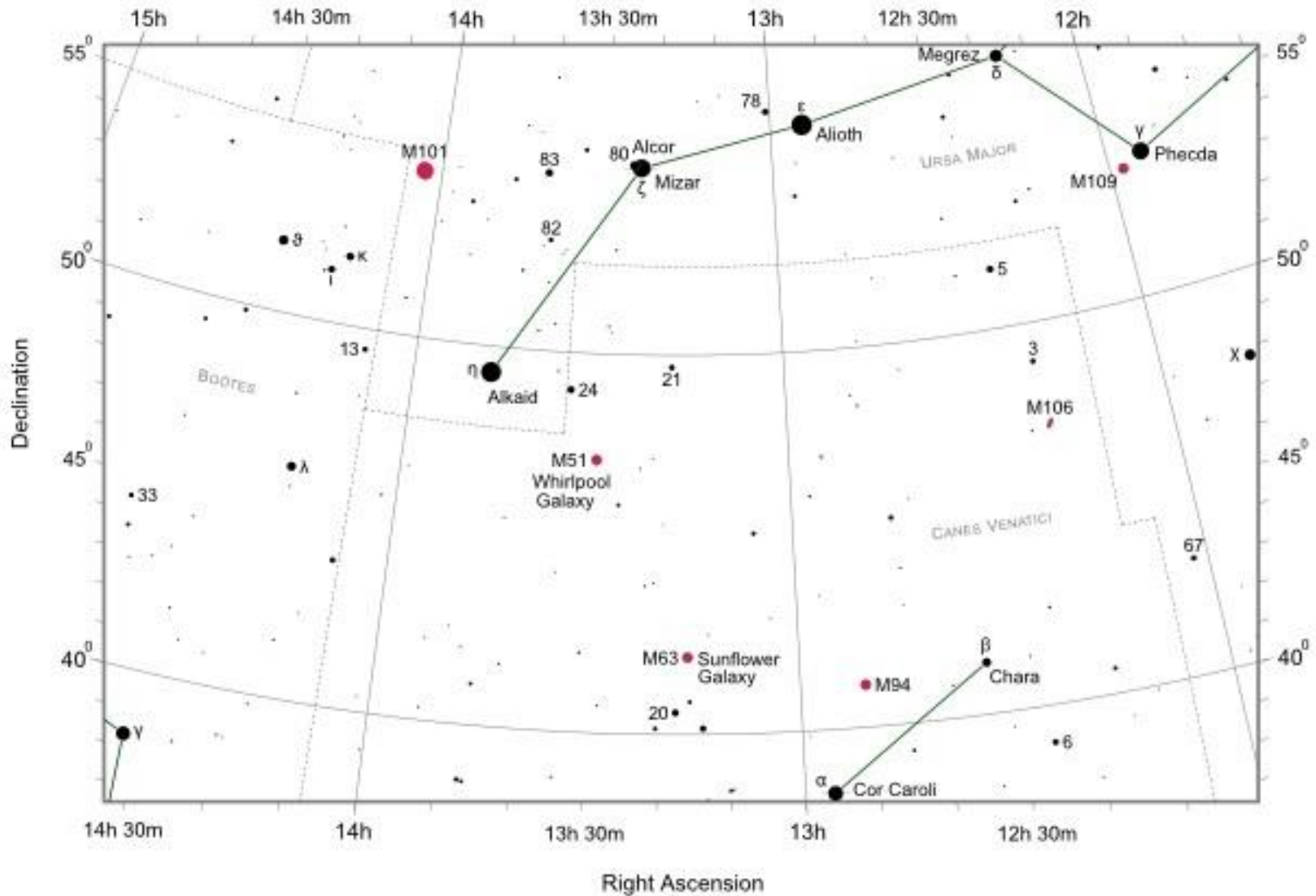


Astronomical League Mercury Transit Special Award

- Mercury Transit on 09 May so start planning now (next one NOV 11, 2019)
 - Requirements:
 - Calculate distance from Mercury to the Sun in AU
 - Collect the observations
 - Measure the parallax angle
 - Calculate the distance between two observing locations
 - Calculate the value of AU
 - More info:
https://www.astroleague.org/PlanetaryTransit_Venus2012

Messier Finder Chart for M51 Whirlpool Galaxy, M63 Sunflower Galaxy, M94, M101 and M106

Also shown M109



Messier Finder Chart for M104 Sombrero Galaxy

