

JANUARY STARRY NIGHTS 2020

Now Playing:

*Defying Gravity; One World One Sky
Wisconsin Stargazing*

Feb. 13 & 14 ONLY : *Romancing the Stars*



DANIEL M SOREF
PLANETARIUM

Milwaukee Public Museum

The Starry Messenger

Receive FREE star maps each month! Send an e-mail to bonadurer@mpm.edu and place 'subscribe' in the subject line. You will also receive our E-Newsletter: **The Starry Messenger.**

Morning Sky

Red Mars and red star Antares are close together in Scorpius. The Moon will join them low in the southeast on January 20-21. The big will be high in the northwest.

Astronomy Links

For spotting satellites:

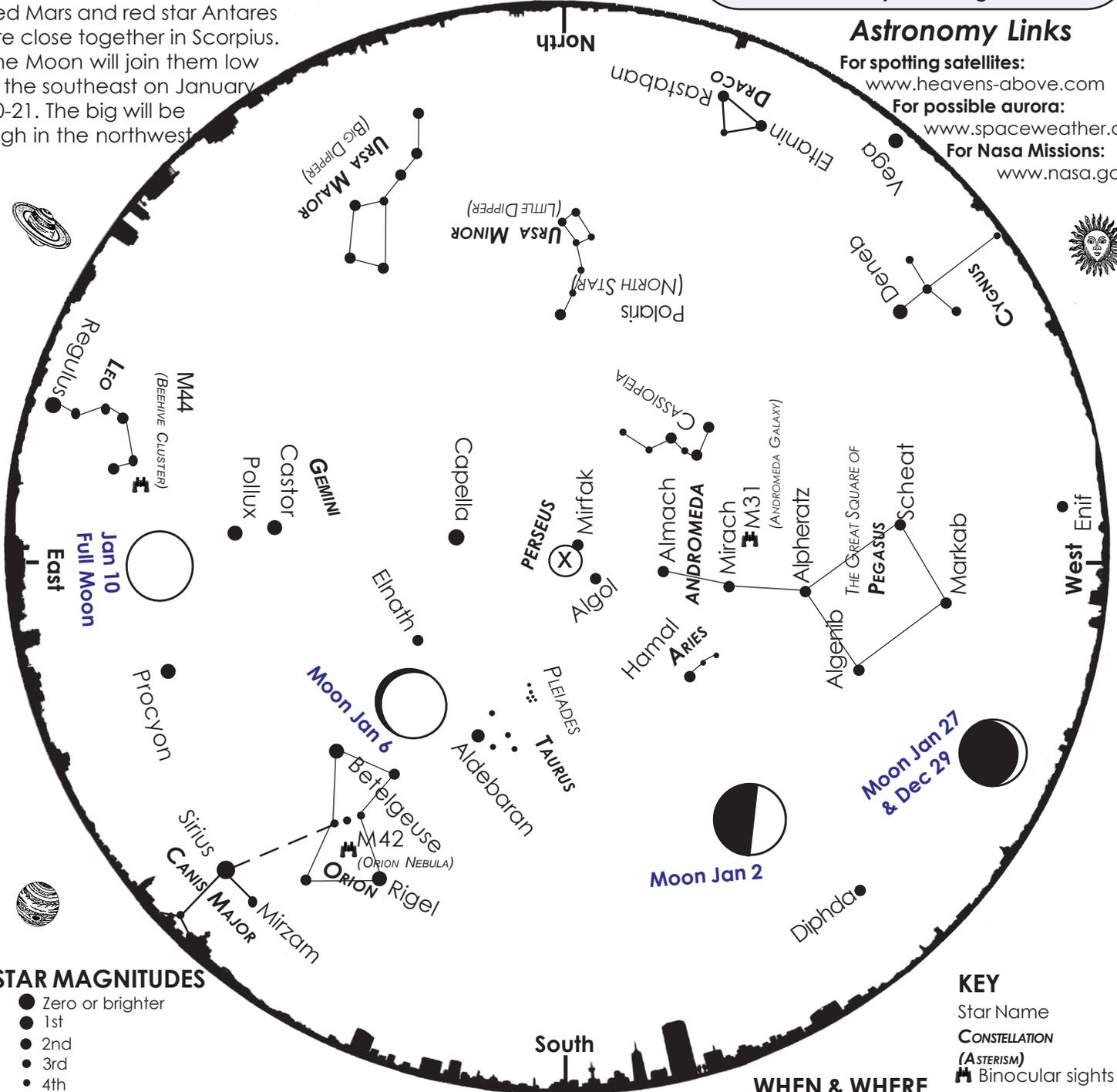
www.heavens-above.com

For possible aurora:

www.spaceweather.com

For Nasa Missions:

www.nasa.gov



STAR MAGNITUDES

- Zero or brighter
- 1st
- 2nd
- 3rd
- 4th

HOW TO USE THIS MAP

Go outside, note the direction you are facing and then turn the map so that direction is facing down (so you can read the type). The outer edge of the circle is the horizon and the (X) marks the top of the sky. Now you are ready. Enjoy!

KEY

- Star Name
- CONSTITUTION
- (ASTERISM)
- ☞ Binocular sights

WHEN & WHERE

- Jan. 1 @ 9:00pm
- Jan. 15 @ 8:00pm
- Jan. 31 @ 7:00pm

Best to use the chart within an hour of the times listed. This chart is drawn for 43 degrees latitude but may be applied throughout the continental USA.