

# JANUARY STARRY NIGHTS 2022

Now Playing:

**A to Z Astronomy!**  
**Wisconsin Stargazing**



## The Starry Messenger

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

## Morning Sky:

Venus quickly moves to the morning sky. Watch it near Mercury and the Moon on January 28-29. See big dipper high overhead. Then use the handle to "arc to Arcturus" and "speed on to Spica."

## Astronomy Links

For spotting satellites:

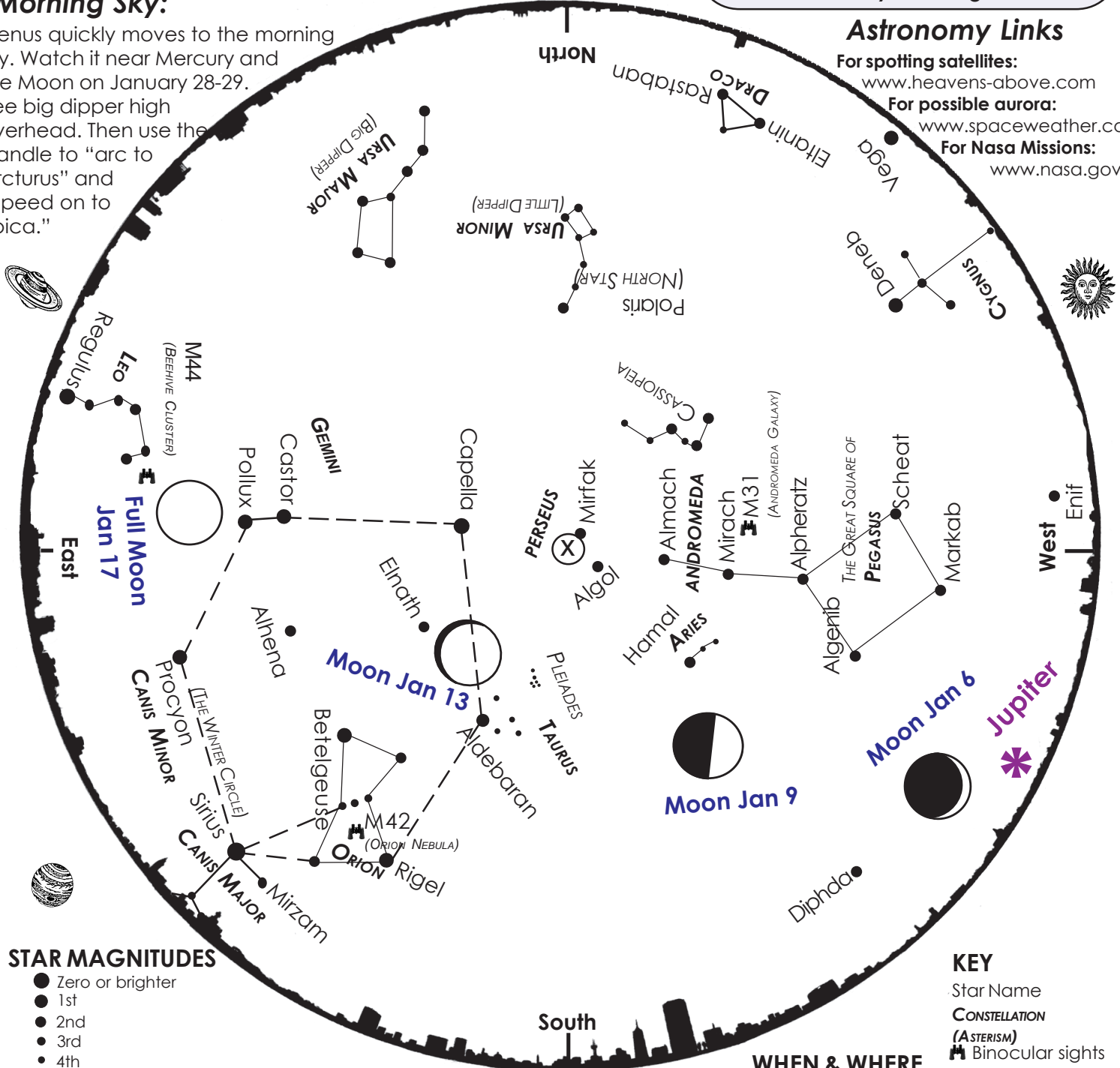
[www.heavens-above.com](http://www.heavens-above.com)

For possible aurora:

[www.spaceweather.com](http://www.spaceweather.com)

For Nasa Missions:

[www.nasa.gov](http://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.