

# STARRY NIGHTS

November 2017



## HOW TO USE THIS MAP

MPM's sky map shows the night sky as it appears on various dates and times. The sky lies overhead so we've designed the map to be held above your head. Compass directions are indicated along the edge of the circle. Turn the sky map around its center so the compass direction that appears along the bottom of the map is the same as the direction that you face. Begin by using the sky map to find a bright star pattern in the sky.

## BEST VIEWS

This chart should be used within an hour of the times listed: 8 p.m. November 1, 7 p.m. November 15, and 6 p.m. November 30. It is drawn for 43 degrees latitude but November be applied throughout the continental United States.

## NOVEMBER MORNING SKY

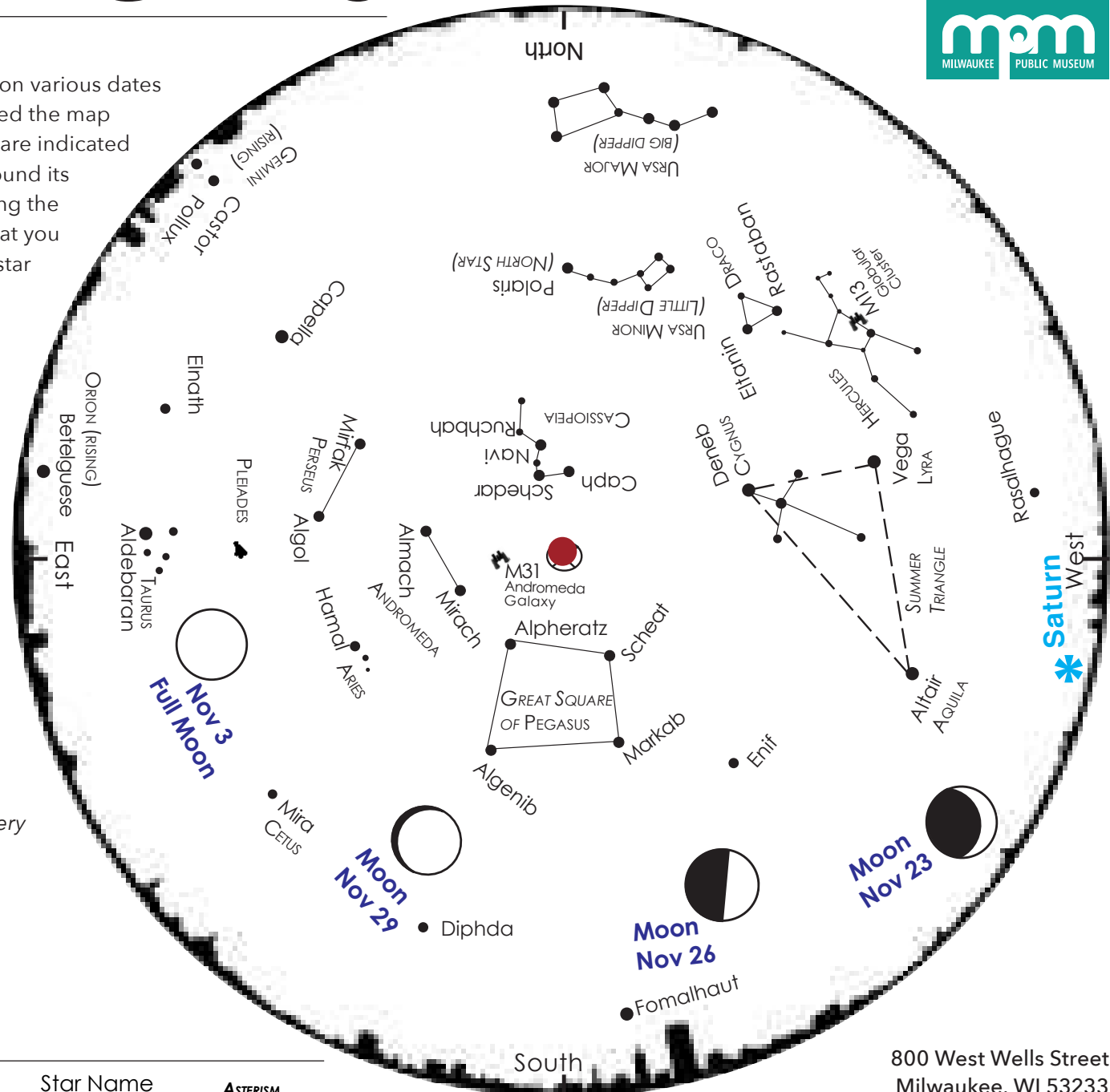
Venus is descending each morning, but Jupiter is ascending! They are very close on the 13th. Watch Moon come by on November 15-17. Mars rises more than 3 hours before the Sun.

## NOW PLAYING

Wisconsin Stargazing, Sky Wars: Battles of Discovery and One World One Sky

## SUBSCRIBE TO THE STARS

Email [bonadurer@mpm.edu](mailto:bonadurer@mpm.edu) to receive our FREE monthly sky map and newsletter. Follow us on Twitter at @MPMPlanetarium



**STAR MAGNITUDES:** 0 1 2 3 4

Star Name  
**KEY: CONSTITUTION** Asterism  
 Binocular sights

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