

# Autumn 2018

# Prairie Sky

Last Quarter		New Moon		First Quarter		Full Moon	
September	2nd	September	9th	September	16th	September	24th
October	2nd	October	8th	October	16th	October	25th
October	31st	November	7th	November	15th	November	22nd
November	29th	December	7th	December	15th	December	22nd
December	29th						

September 22nd Autumn Equinox

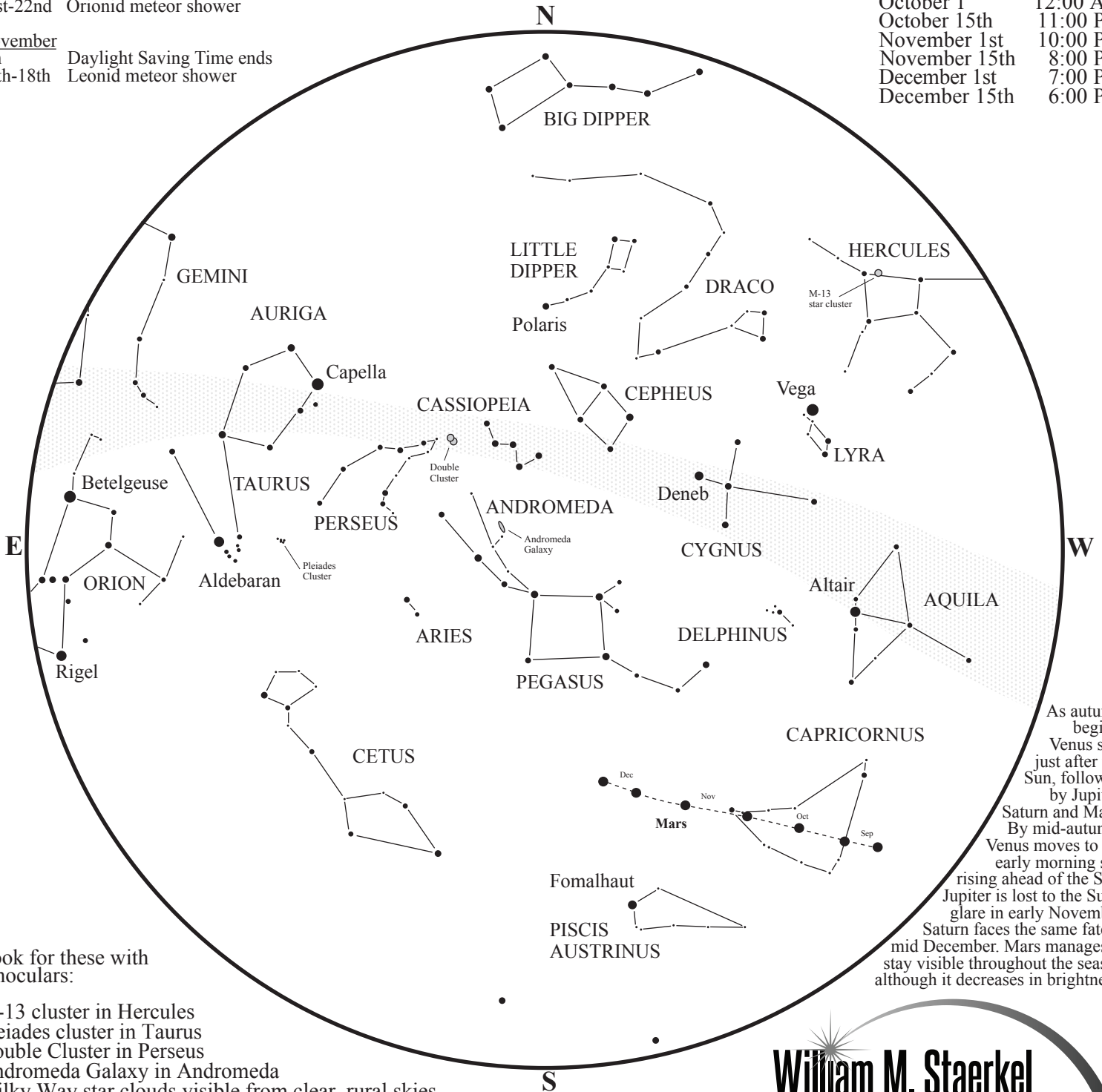
December 13th-14th Geminid meteor shower  
21st Winter Solstice

To use this chart, hold it face-down, above your head, so that the directions match your surroundings.

October 21st-22nd Orionid meteor shower

September 15th	1:00 AM
October 1	12:00 AM
October 15th	11:00 PM
November 1st	10:00 PM
November 15th	8:00 PM
December 1st	7:00 PM
December 15th	6:00 PM

November 4th Daylight Saving Time ends  
17th-18th Leonid meteor shower



Look for these with binoculars:

- M-13 cluster in Hercules
- Pleiades cluster in Taurus
- Double Cluster in Perseus
- Andromeda Galaxy in Andromeda
- Milky Way star clouds visible from clear, rural skies

As autumn begins, Venus sets just after the Sun, followed by Jupiter, Saturn and Mars. By mid-autumn, Venus moves to the early morning sky rising ahead of the Sun. Jupiter is lost to the Sun's glare in early November. Saturn faces the same fate in mid-December. Mars manages to stay visible throughout the season although it decreases in brightness.

For Planetarium schedules and more information about the night sky, call the "showline" at 217/351-2446, or check out our website at [www.parkland.edu/planetarium](http://www.parkland.edu/planetarium)

William M. Staerkel  
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