

Autumn 2022

Prairie Sky

First Quarter		Full Moon		Last Quarter		New Moon	
September	3rd	September	10th	September	17th	September	25th
October	2nd	October	9th	October	17th	October	25th
November	1st	November	8th	November	16th	November	23rd
November	30th	December	7th	December	16th	December	23rd

September 22nd Autumn Equinox

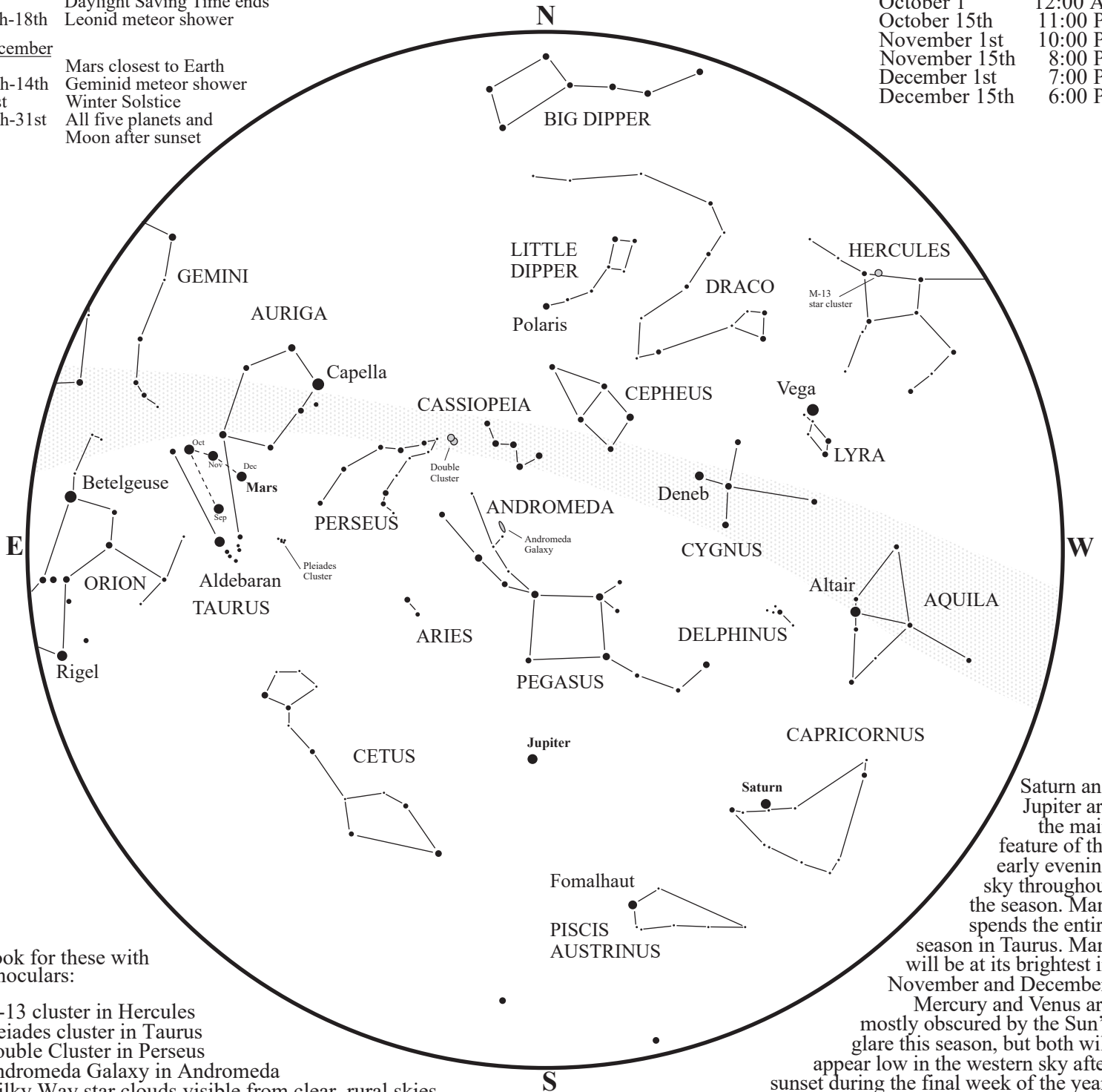
October 21st-22nd Orionid meteor shower

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

November 6th Daylight Saving Time ends
17th-18th Leonid 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

December 1st Mars closest to Earth
13th-14th Geminid meteor shower
21st Winter Solstice
24th-31st All five planets and Moon after sunset



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

Saturn and Jupiter are the main feature of the early evening sky throughout the season. Mars spends the entire season in Taurus. Mars will be at its brightest in November and December. Mercury and Venus are mostly obscured by the Sun's glare this season, but both will appear low in the western sky after sunset during the final week of the year.

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