

November 2016

STAR BRIGHTNESS

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

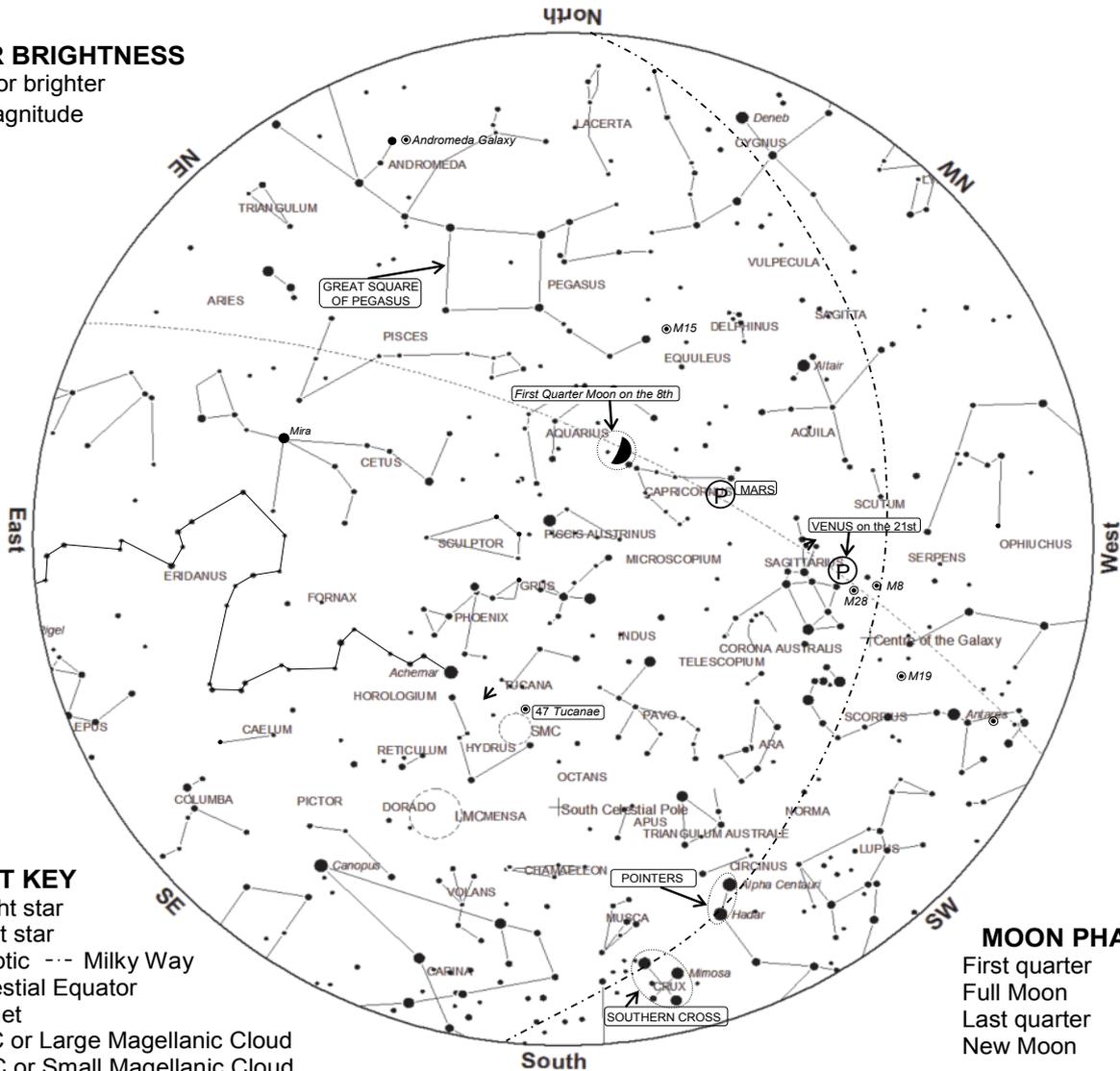


CHART KEY

- Bright star
- Faint star
- Ecliptic --- Milky Way
- Celestial Equator
- Ⓟ Planet
- LMC or Large Magellanic Cloud
- SMC or Small Magellanic Cloud

MOON PHASE	
First quarter	08th
Full Moon	15th
Last quarter	21st
New Moon	29th

THE CHART

The star chart shows the stars and constellations visible in the night sky for Sydney, Melbourne, Canberra, Hobart and Adelaide for November 2016 at about 8.30 pm (local daylight saving time) or about 7.30pm (local standard time) for Perth and Brisbane. For Darwin and similar northerly locations the chart will still apply, but some stars will be lost off the southern edge while extra stars will be visible to the north. Stars down to a brightness or magnitude limit of 4.5 are shown on the star chart. To use this star chart, rotate the chart so that the direction you are facing (north, south, east or west) is shown at the bottom. The centre of the chart represents the point directly above your head, called the zenith point, and the outer circular edge represents the horizon.

HIGHLIGHTS IN NOVEMBER 2016

The best time to look at the Moon with a small telescope or binoculars is a few days either side of its first quarter phase, which falls on the 8th of November. Mars is high in the west, within the constellation Capricornus (the mythical half-goat/half-fish) while Venus will be moving from Scorpius (the Scorpion) into Sagittarius (the Archer) as the month progresses. Crux (the Southern Cross) is located to the south, near the horizon, making it difficult to see at this time of year. Pisces (the Fish) and Aries (the Ram) are located in the eastern sky, while the great square of Pegasus can be found in the north.

Sydney Observatory is part of the Museum of Applied Arts and Sciences. The Sydney Observatory night sky map was created by Dr M. Anderson using the TheSky software. This month's edition was prepared by Brenan Dew. © 2016 Museum of Applied Arts and Sciences, Sydney.