

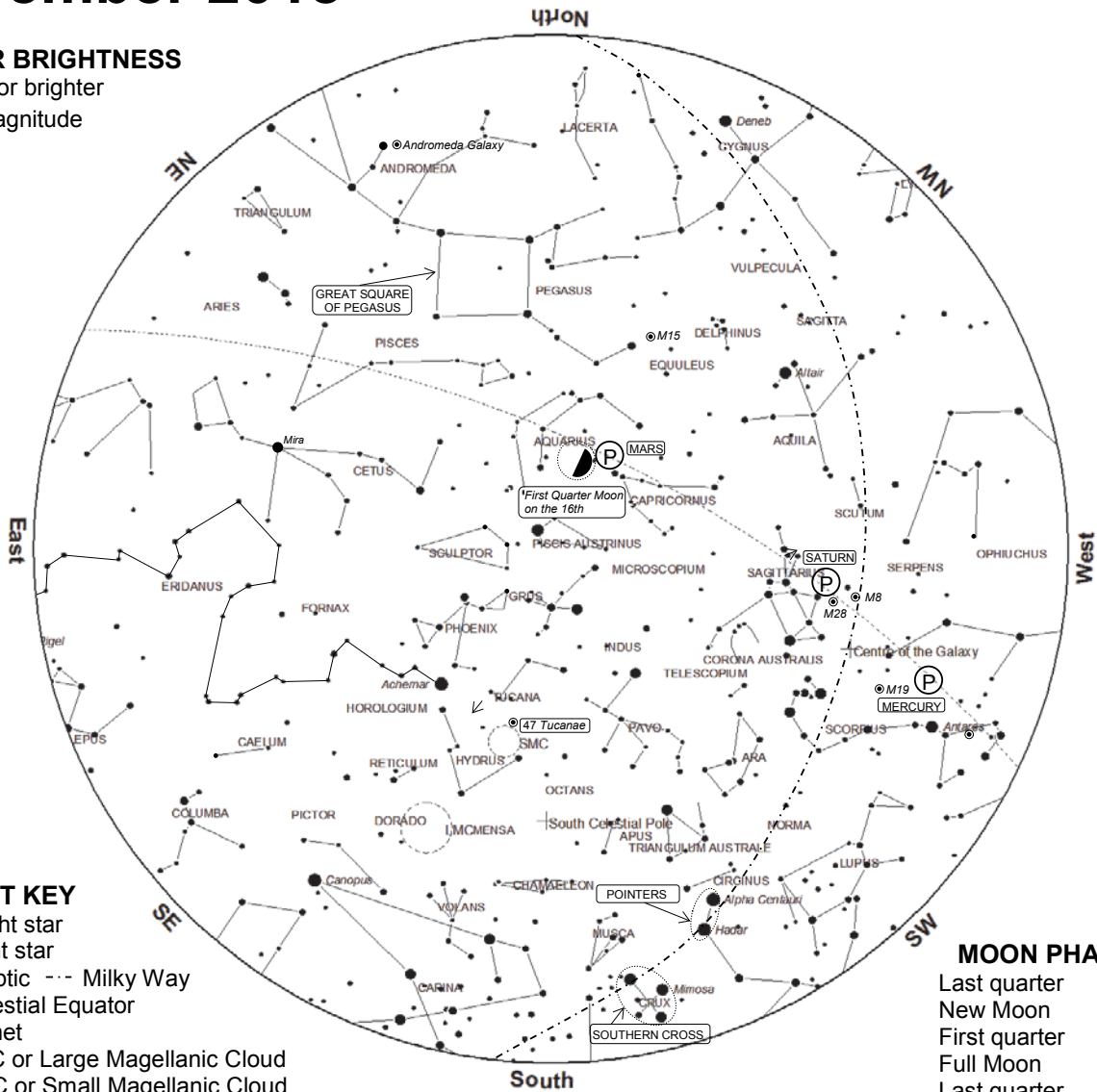
November 2018

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

Last quarter	01st
New Moon	08th
First quarter	16th
Full Moon	23rd
Last quarter	30th

THE CHART

The star chart shows the stars and constellations visible in the night sky for Sydney, Melbourne, Canberra, Hobart and Adelaide for November at about 8.30pm (local daylight savings 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 2018

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 16th. Saturn is low in the west in Sagittarius (the Archer). Mercury is also low in the west, through November moving from Sagittarius (the Archer) to Ophiuchus (the Serpent Bearer) after the first week of the month. Mars is high in the northwest and is in Capricornus (the Sea Goat), moving to Aquarius (the Water Carrier) in the second week of November. 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 Melissa Hulbert. © 2018 Museum of Applied Arts and Sciences, Sydney.