

# Sydney Observatory night sky map

A map for each month of the year, to help you learn about the night sky

# November 2015

[www.sydneysydneyobservatory.com.au](http://www.sydneysydneyobservatory.com.au)

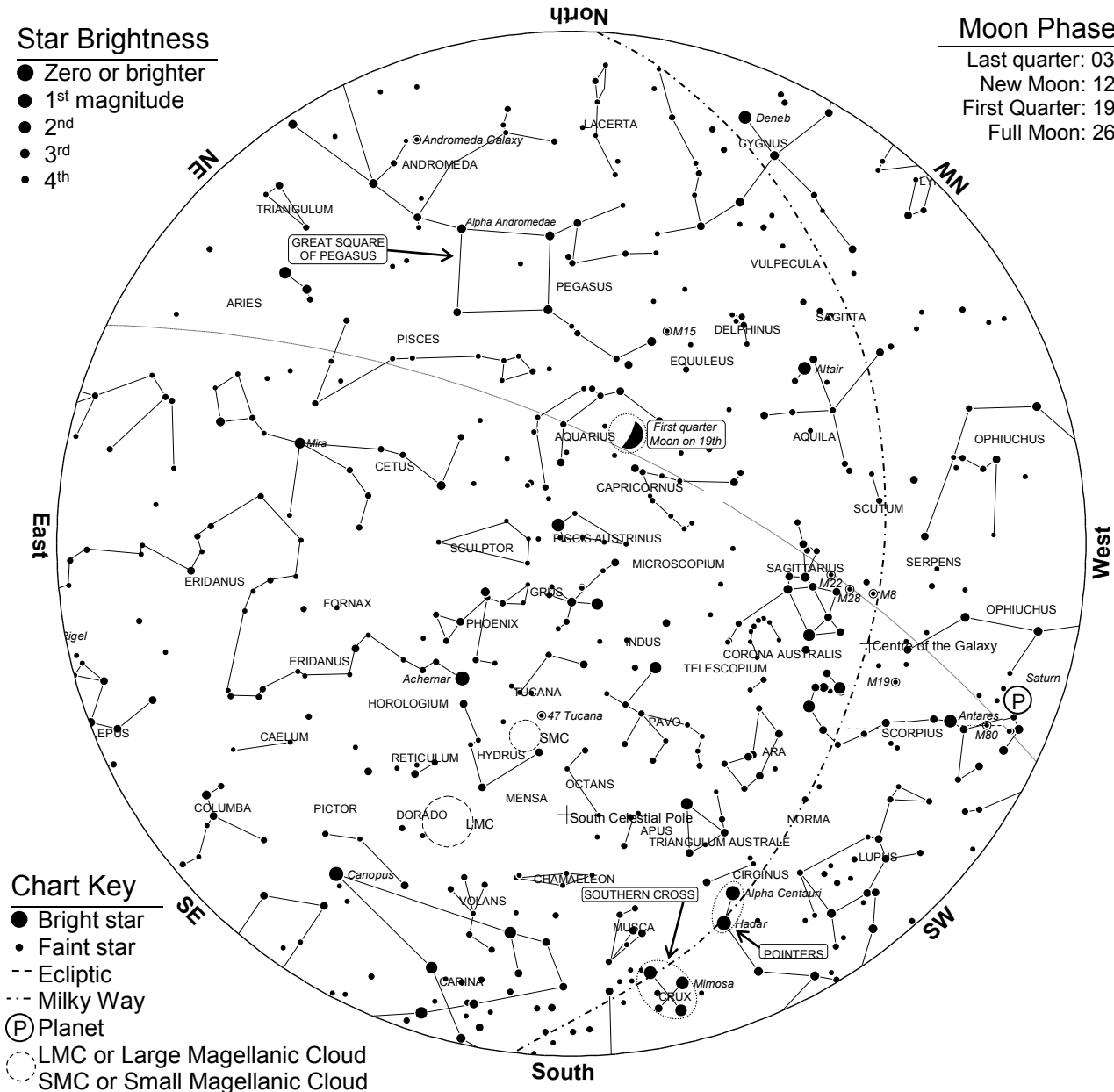
The star chart shows the stars and constellations visible in the night sky at about 8.30pm (local daylight saving time) for Sydney, Melbourne, Canberra, Hobart, Adelaide or about 7.30pm (local standard time) for Perth and Brisbane. For Darwin and similar locations the chart will still apply, but some 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, and the outer circular edge represents the horizon.

## Star Brightness

- Zero or brighter
- 1<sup>st</sup> magnitude
- 2<sup>nd</sup>
- 3<sup>rd</sup>
- 4<sup>th</sup>

## Moon Phase

- Last quarter: 03rd
- New Moon: 12th
- First Quarter: 19th
- Full Moon: 26th



## Chart Key

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

The best time to observe the Moon using binoculars or a small telescope is a few days either side of its first quarter phase. Crux (the Southern Cross) is located to the south, near the horizon, making it difficult to see at this time of year. Aquarius (the Water-Bearer) and Capricornus (the mythical half goat half fish) can be found high in the sky, while Pisces (the Fish) and Aries (the Ram) are towards the east. The Great Square of Pegasus can be found in the northern sky.



Sydney Observatory, with a magnificent view overlooking Sydney Harbour, is open 10am to 5pm daily – except closed Good Friday, Christmas Day and Boxing Day, and open 10am to noon on New Year's Eve. Open Monday to Saturday for night sessions (times vary depending on the season) for sky viewing through one of our telescopes (cosy planetarium session if cloudy), and 3D movies about the Universe. Bookings are essential for night programs.

For more information, check the website at [www.sydneysydneyobservatory.com.au](http://www.sydneysydneyobservatory.com.au) or call (02) 9921 3485. Sydney Observatory is at 1003 Upper Fort Street, Observatory Hill, in the historic Rocks area of Sydney.