

# Sydney Observatory night sky map

April 2015

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

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

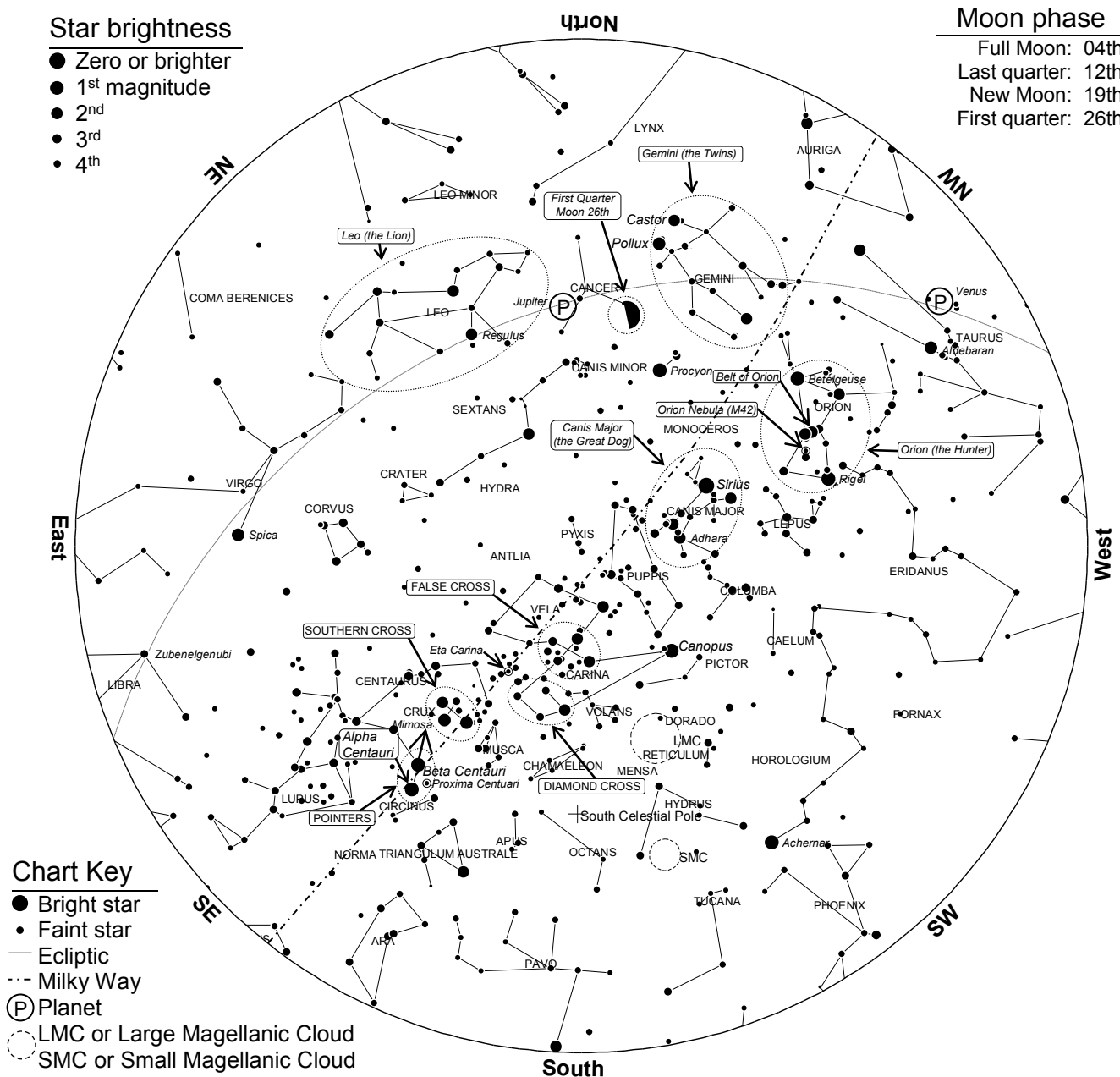
The star chart shows the stars and constellations visible in the night sky for Sydney, Melbourne, Brisbane, Canberra, Hobart, Adelaide and Perth for April 2014 at about 7:30 pm (local standard time). For Darwin and similar locations the chart will still apply, but some stars will be lost off the southern 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

- Full Moon: 04th
- Last quarter: 12th
- New Moon: 19th
- First quarter: 26th



## Chart Key

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

Venus is low in the north-west, moving from Aries to Taurus and is near the crescent Moon on the 22nd. Jupiter can be seen in the northern sky in Cancer, and will be close to the first quarter Moon on the 26th. There will be an unusually brief total lunar eclipse on Saturday 4th. Totality will begin at 10:58 AEDT and last less than 10 minutes. The Southern Cross is high in the sky toward the south-east and is easily located using the two nearby pointer stars. Prominent constellations include Leo (the Lion), Orion (the Hunter), Gemini (the Twins) and Canis Major (the Great Dog). In 2015 daylight saving ends in the ACT, NSW, Victoria, Tasmania and South Australia Daylight on Sunday, 5 April, when clocks will go back one hour at 3:00 am.



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.sydneyobservatory.com.au](http://www.sydneyobservatory.com.au) or call (02) 9921 3485. Sydney Observatory is at 1003 Upper Fort Street, Observatory Hill, in the historic Rocks area of Sydney.