

Night sky map

June 2016

STAR BRIGHTNESS

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

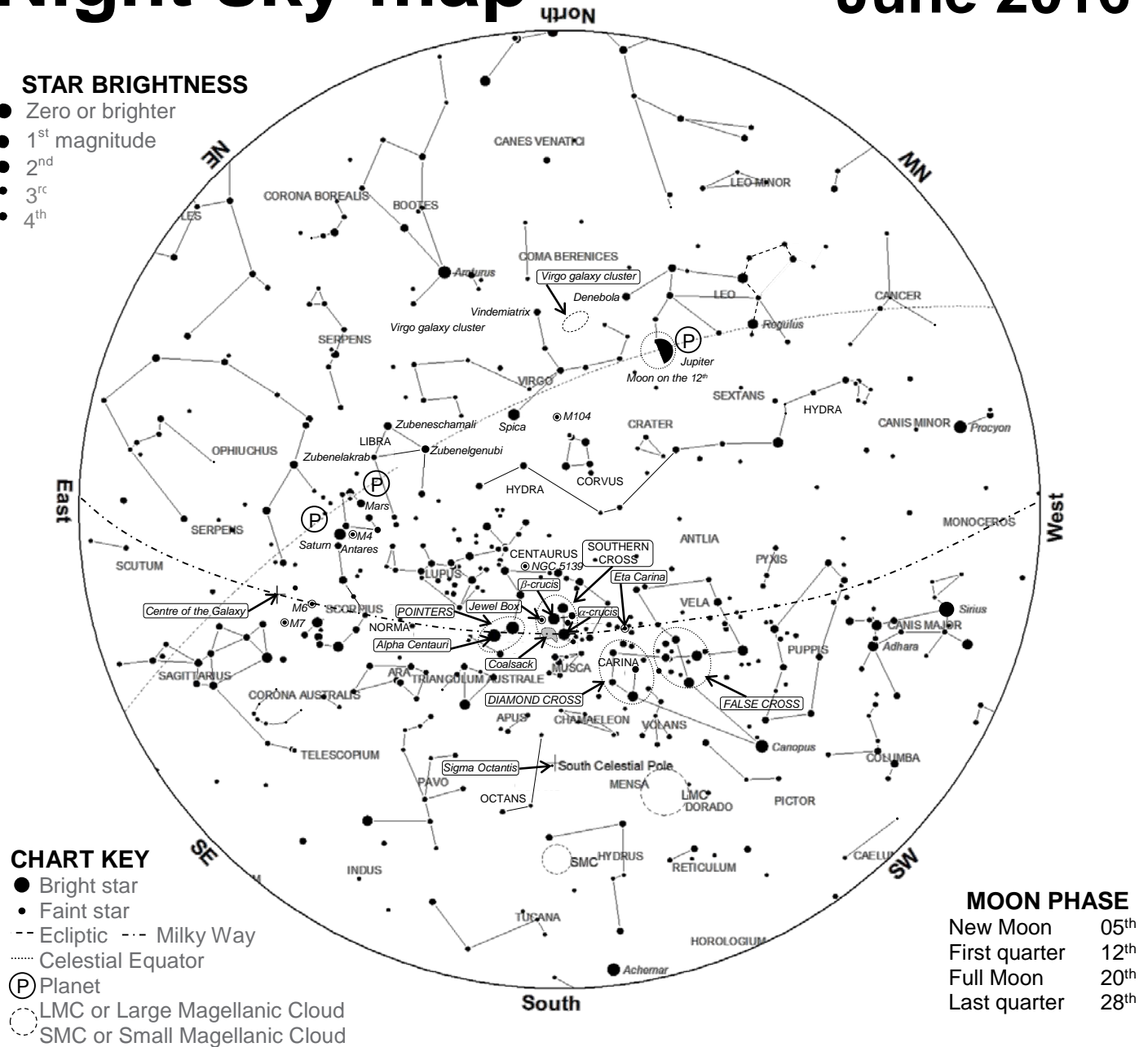


CHART KEY

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

MOON PHASE

New Moon	05 th
First quarter	12 th
Full Moon	20 th
Last quarter	28 th

THE CHART

The star chart shows the stars and constellations visible in the night sky for Sydney, Melbourne, Canberra, Hobart and Adelaide for June 2016 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 point, and the outer circular edge represents the horizon.

HIGHLIGHTS IN JUNE 2016

This month marks the beginning of winter with the winter solstice, the shortest day of the year, happening on the 21st in the Southern Hemisphere. The constellation Scorpius is in the east in the evening and remains visible the whole night. The Southern Cross (Crux) is resting vertically on its axis. Jupiter is located in the northern sky in the constellation of Leo and is next to the crescent moon on the 11th. Mars lies in the constellation Libra while Saturn appears in Scorpius close to Antares, the scorpion's heart. The second brightest star of our southern sky, Canopus, is low in the South.