

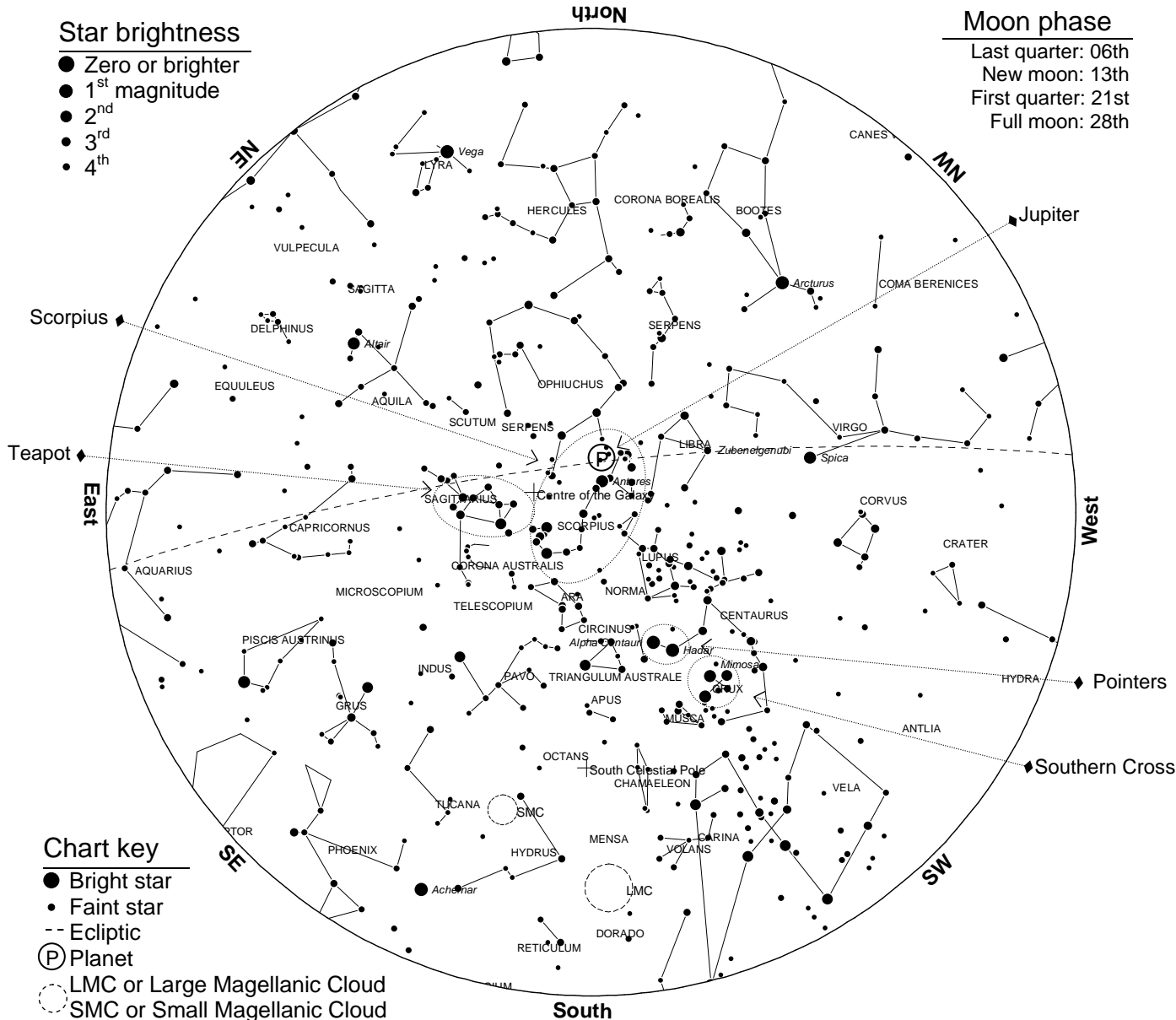
# Sydney Observatory evening sky map

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

# August 2007

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

The star chart shows the stars and constellations visible in the night sky from Sydney, Australia, for August 2007 at about 8pm on the 7th and 7pm on the 21st. The chart will also work for any place in Australia. 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.



The planet Jupiter is easily seen as a bright star towards the north. Until the middle of the month Venus can be seen as the bright evening star toward to north-west. In the centre of the sky is the constellation of Scorpius, the Scorpion, and a small group of stars known as the Teapot. Near the tail of Scorpius is the centre of our milk way galaxy and is only about 26,000 light years from the Earth, a distance of 260,000 million million kilometres. Crux, known as the Southern Cross, is located to the south-west and is easily found using the two nearby stars called the pointers.



To learn about the night sky in detail why not purchase the *2007 Australian sky guide* – this annual book has details on the sky for the whole year, including the rise and set times for the Sun, Moon and planets, and tidal information. Available from Sydney Observatory, Powerhouse Museum, good bookshops and via mail order by phoning (02) 9217 0129. RRP \$16.95 (2008 edition available early December 2007)

Sydney Observatory is open every day (except Christmas day and Good Friday) between 10am and 5pm. At night time bookings are essential. See the new 3-D space theatre and view the stars through our telescopes every night.

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