

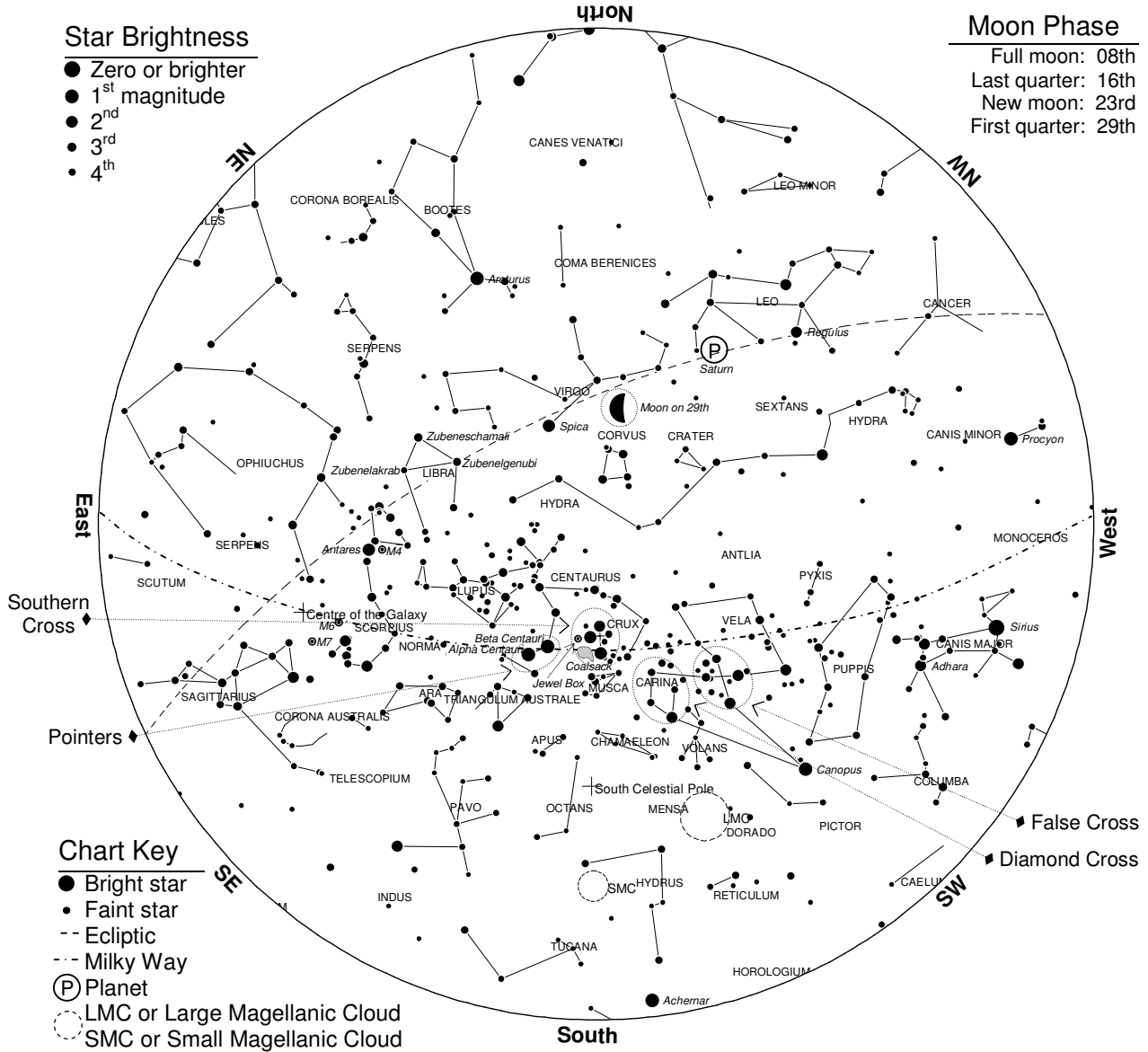
# Sydney Observatory night sky map

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

June 2009

[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 June 2009 at about 7:30 pm (eastern 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.



The Southern Cross is high in the sky toward the south and is easily located using the two nearby pointer stars. The brighter of the pointers, Alpha Centauri, is the nearest star system to the Sun. Nearby are the False and Diamond Crosses that are both often mistaken for the Southern Cross. High in the sky are the constellations Leo (the Lion), Scorpius (the Scorpion) and Hydra (the Water Snake). Saturn is located towards the north in the constellation of Leo. The first quarter Moon can easily be seen towards the north on the 29th. June 21st is the shortest day of the year (winter solstice) when the Sun is at its most northerly position in the sky.



Sydney Observatory, with a magnificent view overlooking Sydney Harbour, is open every day (except Christmas day and Good Friday) between 10am and 5pm and for night sessions (times vary depending on the season). View the sky nightly through one of our telescopes, and see 3D movies about the universe. Bookings are essential for night programs.

For more information, check our website at [www.sydneyobservatory.com.au](http://www.sydneyobservatory.com.au) or call (02) 9921 3485. Sydney Observatory is at Watson Road, Observatory Hill, in the historic Rocks area of Sydney.