Sydney Observatory

Night sky map  November 2019

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

CHART KEY
- Bright star
- Faint star
- Ecliptic
- Milky Way
- Celestial Equator
- Saturn
- Jupiter
- Venus

MOON PHASE
- First quarter 04th
- Full Moon 13th
- Last quarter 20th
- New Moon 27th

THE CHART
The star chart shows the stars and constellations visible in the night sky for Sydney, Melbourne, Canberra, Hobart and Adelaide for November at about 8.30pm (local daylight savings time) or about 7.30pm (local standard time) for Perth and Brisbane. For Darwin and similar northerly 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 NOVEMBER 2019
The best time to look at the Moon with a small telescope or binoculars is a few days either side of its first quarter phase, which falls on the 4th. Saturn is in the west in Sagittarius (the Archer). Jupiter is low in the west during November, moving from Ophiuchus (the Serpent Bearer) to Sagittarius (the Archer) in the middle of the month. Venus is also low in the west and begins the month in Libra (the Scales), moves to Scorpius (the Scorpion), joins Jupiter in Ophiuchus (the Serpent Bearer) and finally moves into Sagittarius (the Archer). Crux (the Southern Cross) is located to the south, near the horizon, making it difficult to see at this time of year. Pisces (the Fish) and Aries (the Ram) are located in the eastern sky, while the great square of Pegasus can be found in the north.

Sydney Observatory is part of the Museum of Applied Arts and Sciences. The Sydney Observatory night sky map was created by Dr M. Anderson using the TheSky software. This month’s edition was prepared by Melissa Hulbert. © 2019 Museum of Applied Arts and Sciences, Sydney.