

Amazing Space!

October - December 2013

Getting started in astronomy is as easy as looking up. This newsletter shows you how to find the planets Mercury, Venus and Saturn plus the Moon and constellations without a telescope.

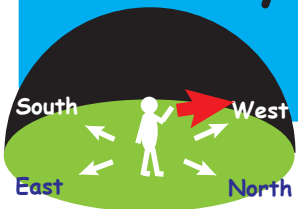
Monday 14 October 2013

Antares

Venus

Mercury

Saturn



Left: The planets Mercury, Venus and Saturn will be visible to the unaided eye in the first half of October.

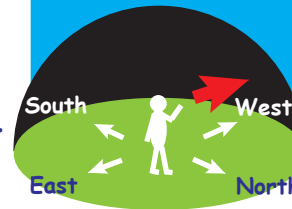
To view them as evening twilight ends, look low above the Western horizon. Keep in mind that without a telescope all three planets look like stars to the unaided eye.

The chart shows the location of the three planets for Monday 14 October 2013.

Thursday 7 November 2013

Venus

Moon



Left: Look left of the waxing crescent Moon on Thursday 7 November 2013 to locate Venus as evening twilight ends.

Keep in mind that without a telescope, Venus will just look like a dazzling bright white star.



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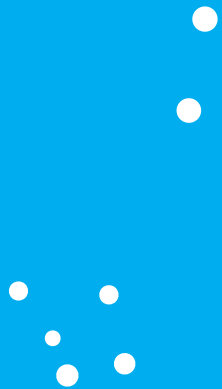
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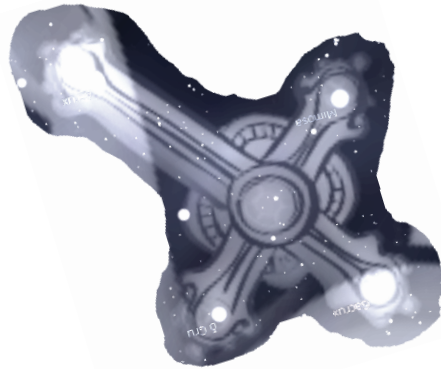
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Cruz 'The Southern Cross' and 'The Pointers'



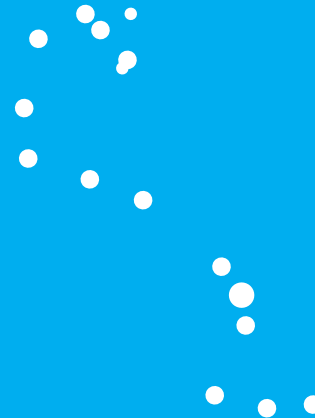
Look above the South Western horizon at the end of evening twilight.

Constellations



Constellations are imaginary pictures in the sky. Can you imagine a giant Scorpion or a Cross in the night sky?

Scorpius 'The Scorpion'



Look above the Western horizon at 7.30 pm AEST in mid-October.



Image credits

Full Moon disc: NASA.gov
Southern Cross and Scorpius: Stellarium (Stellarium.org)

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Find the Moon

October - December 2013



Crescent Moon

October 9
November 8
December 7



First Quarter Moon

October 12
November 10
December 10



Gibbous Moon

October 15
November 13
December 13



Full Moon

October 19
November 18
December 17

West

North

East