

Planets in View in 2009

Venus, Jupiter and Saturn are the brightest and most spectacular planets visible in the evening sky.

Venus: January & February

Jupiter: July - December

Saturn: February- July

Other planets:

Mercury

Closest to the Sun, Mercury is only visible for short periods in January, April, August and December.

Best dates for viewing Mercury

Fri 21st Aug (7:30pm – 8:00pm)

Fri 28th Aug (7:30pm – 8:00pm)

Fri 18th Dec (7:30pm – 8:00pm)

Mars

Mars is not visible in the evening sky in 2009.

Mars will only be visible from January 2010.

Uranus & Neptune

Although they in the night sky from September to December, Uranus and Neptune are very faint and cannot be seen well in Singapore's brightly lit sky.

Eclipses of 2009

All times refer specifically to Singapore time (Time Zone: GMT +8hours). Times will be different for countries located in other time zone.

26th January 2009 Annular Solar eclipse

Visible across parts of Indonesia. Partially visible in Singapore. At maximum eclipse, approximately 80% of the Sun will be covered by the New Moon.

Eclipse begins: 1630hrs

Max Eclipse: 1749hrs

Eclipse ends: 1858hrs

9th February 2009 Penumbral Lunar Eclipse

During a penumbral eclipse the Full Moon will gradually darken as it passes through the outer edge of Earth's shadow.

Eclipse Begins: 2038hrs (09 Feb 2009)

Greatest Eclipse: 2238hrs (09 Feb 2009)

Eclipse Ends: 0037hrs (10 Feb 2009)

7th July 2009 Penumbral Lunar Eclipse

This eclipse is not visible in Singapore as it takes place in daylight hours during which the Full Moon is not visible.

Penumbral Eclipse begins: 1632hrs (09 July 2009)

Penumbral Eclipse ends: 1844hrs (09 July 2009)

22th July Total Solar Eclipse

Visible across parts of India and China. Partially visible in Singapore. At maximum eclipse, approximately 10% of the Sun will be covered by the New Moon.

Eclipse begins: 0841hrs

Max Eclipse: 0911hrs

Eclipse ends: 0944hrs

6th August Penumbral Lunar Eclipse

This eclipse is not visible in Singapore as it takes place in daylight hours.

Eclipse begins: 0704hrs

Greatest Eclipse: 0839hrs

Eclipse ends: 1014hrs

31st December 2009 Partial Lunar Eclipse

In Singapore this eclipse occurs in the early hours of 1st January 2010. The Full Moon will gradually darken as it passes through Earth's outer shadow. At maximum eclipse less than 10% of the Moon will be covered as it partially enters the Earth's central shadow.

Eclipse begins: 0117hrs (01 January 2010)

Max. Eclipse: 0322hrs (01 January 2010)

Eclipse ends: 0528hrs (01 January 2010)