

Penumbral lunar eclipse in Hong Kong on June 6

This year's second penumbral lunar eclipse will occur in Hong Kong in the small hours of June 6 (Saturday). If weather permits, the event can be best observed at most places with an unobstructed view towards the southwest. Details of this penumbral lunar eclipse are as follows:

Date	Time	Phenomenon	Elevation	Direction (Azimuth)
June 5 (Friday)	6.38pm	Moonrise	-1 degree	East-southeast (112 degrees)
June 6 (Saturday)	1.43am	Moon enters penumbra	41 degrees	South-southwest (207 degrees)
	3.25am	Maximum eclipse	27 degrees	Southwest (229 degrees)
	5.07am	Moon leaves penumbra	8 degrees	West-southwest (242 degrees)

A penumbral lunar eclipse occurs when the moon only enters the penumbra of the Earth but not the umbra. During the event, the moon will become slightly dimmer. The eclipse will begin at 1.43am and end at 5.07am, with the maximum eclipse occurring at 3.25am.

For the latest weather conditions and the astronomical observation conditions on June 6, please refer to the 9-day Weather Forecast issued by the Hong Kong Observatory (www.hko.gov.hk/en/wxinfo/currwx/fnd.htm) and the Weather Information for Astronomical Observation webpage (www.hko.gov.hk/en/gts/astronomy/astro_portal.html).

The next lunar eclipse observable in Hong Kong will occur on November 30 this year. It will also be a penumbral lunar eclipse.