

Partial lunar eclipse in Hong Kong on October 29

A partial lunar eclipse will occur in Hong Kong in the small hours of October 29 (Sunday). The elevation of the moon will be rather low during the eclipse. If weather permits, the event can be directly observed with unaided eyes at places with an unobstructed view to the west.

The lunar eclipse will begin at 1.59am on that day, with the maximum eclipse occurring at 4.14am. This partial lunar eclipse only has an umbral magnitude of around 0.13, meaning that about 13 per cent of the moon's diameter will enter the umbra (total shadow) of the earth at the maximum eclipse. Details of this partial lunar eclipse are as follows:

Date	Time	Phenomenon	Elevation	Direction (Azimuth)
October 28 (Saturday)	5.25pm	Moonrise	-1 degree	East-northeast (78 degrees)
October 29 (Sunday)	1.59am	Moon enters penumbra	60 degrees	West-southwest (258 degrees)
	3.35am	Moon enters umbra	39 degrees	West (270 degrees)
	4.14am	Maximum eclipse	30 degrees	West (274 degrees)
	4.54am	Moon exits umbra	21 degrees	West (277 degrees)
	6.29am	Moon exits penumbra	1 degree	West-northwest (285 degrees)

In the small hours on October 29, members of the public can watch the whole event via a [webcast](#) to be jointly hosted by the Hong Kong Observatory, the Hong Kong Space Museum, the Ho Koon Nature Education cum Astronomical Centre (sponsored by Sik Sik Yuen), Po Leung Kuk Ngan Po Ling College and the Creative Education Unit of the Hong Kong Federation of Youth Groups.

For the latest weather conditions and the astronomical observation conditions on October 29, please refer to the Hong Kong Observatory's latest [weather forecast](#) and the [Weather Information for Astronomical Observation](#) webpage.

The next lunar eclipse observable in Hong Kong will be a total lunar eclipse on September 7, 2025.