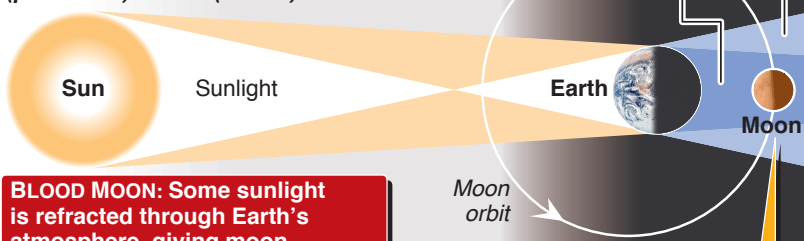


# Super blue blood moon colours the skies

A rare triple celestial event sees a blood moon, when the moon glows red during a lunar eclipse, combine with a super moon, when it appears larger than normal, and a blue moon – the second full moon in a month

**TOTAL LUNAR ECLIPSE:** Earth blocks sunlight usually reflected by moon, creating partial (*penumbra*) or total (*umbra*) shadow



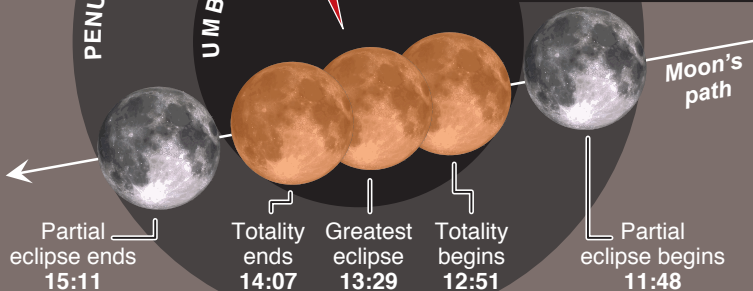
**BLOOD MOON:** Some sunlight is refracted through Earth's atmosphere, giving moon deep red glow

**SUPER MOON:** Full moon occurs soon after perigee – point in its orbit closest to Earth – resulting in moon appearing 14% larger and 30% brighter than usual

All times UTC

PENUMBRA

UMBRA



Evening of Jan 31

Morning of Jan 31

