Government of India
Ministry of Earth Sciences
India Meteorological Department
Positional Astronomical Centre, Kolkata

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PRESS RELEASE

Sub: Total Lunar Eclipse; September 07-08, 2025, Sunday-Monday, 16-17 Bhadra, 1947 Saka Era

A total lunar eclipse will occur on 07-08September, 2025 (16-17 Bhadra, 1947 Saka Era). The eclipse is visible from all places of India. The Moon will enter penumbra at late evening of7thSeptember, 2025and it will continue till early hours of 08th September, 2025.

Eclipse will be visible in the region covering parts of Antarctica, western Pacific Ocean, Australasia, Asia, Indian Ocean, Europe and eastern Atlantic Ocean.

Visibility in India:

In India, all phases of the eclipse including totality will be visible throughout India.

The umbral phase of this eclipse will begin at 21hr 57 min IST on 07th September, 2025 and the ending time of the umbral phase of this total eclipse is 01 hr 27 min IST of 08th September, 2025.

The totality of this eclipse will begin at 23 hr 00 min IST on 07th September, 2025and the ending time of the totality of this eclipse is 00h 23m IST of 08th September, 2025.

The duration of the eclipse is 3 hour 30 minutes with magnitude 1.368.

The duration of totality of the eclipse is 1 hour 23 minutes.

The next lunar eclipse which will be visible from India is on 03rd March, 2026 and the same is a total lunar eclipse.

Last lunar eclipse which was visible from India was on 28thOctober, 2023 and it was a partiallunar eclipse.

Lunar Eclipse occurs on a full moon day when the Earth comes in between the Sun and the Moon and when all the three objects are aligned. A total lunar eclipse will occur when the whole Moon comes under the umbral shadow of the Earth and the partial lunar eclipse occurs only when a part of the Moon comes under shadow of the Earth.