

Summary

On May 27, 2025, around 19:15, moon visibility across Pakistan is expected to be very low. The visibility criterion is consistently 'E' in all reported cities (Dir, Gilgit, Islamabad, Jiwani, Karachi, Lahore, Mansehra, Multan, Muzaffarabad, Peshawar, Quetta, and Swabi), indicating that the moon will not be visible even with a telescope. This is primarily attributed to a combination of extremely low illumination (0.5%) and a low altitude of the moon above the horizon (6.0°) at the typical observation times.

Report of Findings

- **Date:** May 27, 2025
- **Typical Observation Time:** Around 19:15
- **General Visibility:** The Moon is not likely to be visible across Pakistan.
- **Visibility Criterion:** 'E' (Not visible even with a telescope)
- **Illumination:** 0.5%
- **Altitude:** 6.0°
- **Consistency:** The conditions and predicted visibility are consistent across all reported cities.

Key Factors Affecting Moon Visibility

- **Visibility Criterion:** The 'E' rating directly indicates the moon's unobservability.
- **Low Illumination:** The extremely low illumination (0.5%) means that very little sunlight is reflected off the moon, making it faint and difficult to see.
- **Low Altitude:** The low altitude (6.0°) places the moon very close to the horizon, where atmospheric effects such as scattering and absorption of light further diminish its visibility.

Conclusion

Moon visibility in Pakistan on May 27, 2025, is extremely low.