



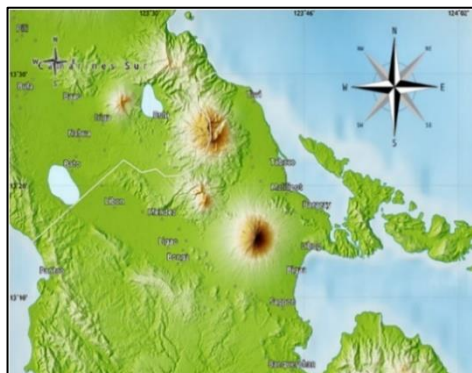
## SPECIAL WEATHER FORECAST FOR MAYON VOLCANO

**Issued at:** 9:00 PM today, 06 October 2024

**Valid until the next issuance**

**Synopsis:** At 3:00 PM today, a **Low Pressure Area (LPA)** was estimated based on all available data at **100 km West Northwest of Coron, Palawan (12.2°N, 119.3°E)**. It is embedded along the **Intertropical Convergence Zone (ITCZ)** affecting Southern Luzon, Visayas, and Mindanao.

**Forecast:** Cloudy skies with scattered rains and thunderstorms will be experienced over Mayon volcano.



### UPPER AIR DATA AS OF: 9:00 PM, 06 October 2024

HEIGHT (km)	WIND DIRECTION (winds coming from)	WIND SPEED (kph)
1.0	Northeast	10
1.5	North Northeast	10
2.0	Northeast	11
2.1	Northeast	9
2.2	Northeast	10
2.3	North Northeast	6
2.4	North	4
2.5	North Northwest	1
3.0	West Southwest	4
6.0	Southeast	24
10.0	Southeast	19

Data from Legazpi Complex Station Upper Air Sounding

### PAGASA WIND PROFILE FORECAST FOR MAYON VOLCANO BASED FROM GLOBAL SPECTRAL MODEL (GSM)

HEIGHT (above sea level)	3-DAY WIND PROFILE FORECAST MODEL BASETIME: 06 October 2024 (2:00 PM) (winds coming from)		
	07 October 2024	08 October 2024	09 October 2024
1.5 km	Southwest @ 2.27 kph	West @ 10.18 kph	West @ 12.61 kph
3.0 km	Southwest @ 6.22 kph	West Southwest @ 17.82 kph	West @ 17.46 kph
5.6 km	Southwest @ 28.69 kph	West Southwest @ 18.98 kph	West Southwest @ 17.49 kph
9.0 km	South @ 20.69 kph	West Southwest @ 10.89 kph	West @ 15.23 kph
12.0 km	South Southeast @ 11.2 kph	Southwest @ 7.43 kph	Southwest @ 7.17 kph

Data provided by Technique Application and Meteorological Satellite Section – Weather Division (TAMSS-WD)

**WEATHER FORECASTER: JMB**