

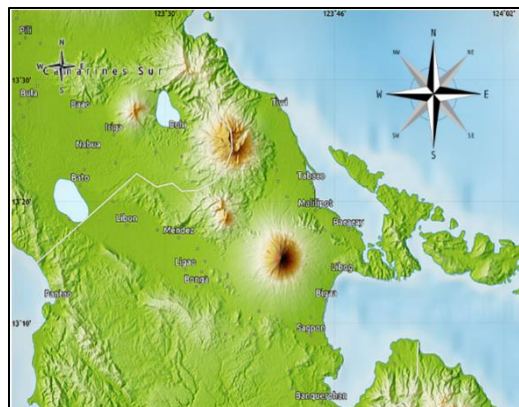


SPECIAL WEATHER FORECAST FOR MAYON VOLCANO

Issued at: 9:00 PM today, 20 July 2024

Valid until the next issuance

Synopsis: At 3:00 PM today, the center of **Tropical Storm "CARINA" {GAEMI}** was estimated based on all available data at **470 km East Northeast of Virac, Catanduanes** or **630km East of Casiguran, Aurora (15.7°N, 128.0°E)** with maximum sustained winds of **65 km/h** near the center and gustiness of up to **80 km/h**. It is moving **West Northwestward at 15 km/h**.



Forecast: Partly cloudy to cloudy skies with isolated rainshowers or thunderstorms over Mayon volcano.

UPPER AIR DATA AS OF: 9:00 PM, 20 July 2024

HEIGHT (km)	WIND DIRECTION (winds coming from)	WIND SPEED (kph)
1.0	West	36
1.5	West	28
2.0	Northwest	24
2.1	Northwest	23
2.2	Northwest	24
2.3	West Northwest	24
2.4	West Northwest	27
2.5	West Northwest	29
3.0	West	32
6.0	West	27
10.0	Northeast	27

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: 20 July 2024 (2:00 PM) (winds coming from)		
	21 July 2024	22 July 2024	23 July 2024
1.5 km	West Southwest@52.06kph	West Southwest @58.02 kph	West Southwest @ 63.22kph
3.0 km	West Southwest@43.67kph	West Southwest @55.67 kph	West Southwest @57.22 kph
5.6 km	West @ 39.23 kph	West @ 41.90 kph	West Southwest @32.66 kph
9.0 km	North @ 24.64 kph	North Northwest @24.21 kph	Northwest @ 41.60 kph
12.0 km	North Northeast@52.82kph	North Northeast @ 33.35 kph	Northeast @ 37.44 kph

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

WEATHER FORECASTER: RMP