



Republic of the Philippines  
Department of Environment and Natural Resources  
**MINES AND GEOSCIENCES BUREAU**  
**Regional Office No. XII**

Prime Regional Center, Barangay Carpenter Hill  
Koronadal City 9506, South Cotabato

Tel. Nos. (083) 228-6130; 228-7617 Fax No. (083) 228-6131; Email: [mgbxii@gmail.com](mailto:mgbxii@gmail.com); [region12@mgb.gov.ph](mailto:region12@mgb.gov.ph) Website: [www.region12.mgb.gov.ph](http://www.region12.mgb.gov.ph)



## **GEOHAZARD ADVISORY**

*Re: ITCZ/LPA*

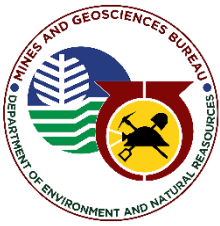
**Synopsis: At 3:00 PM today, a Low Pressure Area (LPA) was estimated based on all available data at 180 km South Southeast of Zamboanga City (5.4°N, 122.7°E). It is embedded along the Intertropical Convergence Zone (ITCZ) affecting Southern Luzon, Visayas, and Mindanao. Easterlies affecting the rest of the country.**

**Based on the Daily Weather Forecast from PAGASA issued at 4:00PM of April 27, 2022, Mindanao will have cloudy skies with scattered rainshowers and thunderstorms due to Low Pressure Area (LPA)/ITCZ. Severe thunderstorms may trigger landslides in elevated and mountainous areas and wide-spread flooding along low-lying areas adjacent to river systems. Flash floods are also possible along hilly to mountainous areas with narrow streams and rivers. Low-lying coastal municipalities and barangays within the region may experience inundation due to light to moderate east winds with slight to moderate (0.6 to 2.1 meters) wave heights.**

This Office encourages the Local Disaster Risk Reduction Management Offices (LDRRMOs) in the region to refer to the MGB-XII geohazard maps and information in identifying safe areas for evacuation and appropriate evacuation routes. Utilization of these maps and data to properly inform residents living in geologically hazardous areas to take precautionary measures is highly encouraged.

Should there be a need for more information and assistance on this matter, please feel free to contact us through our telephone numbers (083) 228-6130 or 228-6131.

*“MINING SHALL BE PRO-PEOPLE AND PRO-ENVIRONMENT  
IN SUSTAINING WEALTH CREATION AND IMPROVED QUALITY OF LIFE.”*



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Republic of the Philippines  
**DEPARTMENT OF SCIENCE AND TECHNOLOGY**  
 Philippine Atmospheric, Geophysical and Astronomical  
 Services Administration (PAGASA)  
 Weather Division



Management  
 Systems  
 ISO 9001:2015  
 www.tuv.com  
 ID 9105993109

WFS-02 Rev. 1/03-01-22

**24-HOUR PUBLIC WEATHER FORECAST**

Issued at: 4:00 PM 27 April 2022

Valid until: 4:00 PM Tomorrow

**SYNOPSIS:** At 3:00 PM today, a Low Pressure Area (LPA) was estimated based on all available data at 180 km South Southeast of Zamboanga City (5.4°N, 122.7°E). It is embedded along the Intertropical Convergence Zone (ITCZ) affecting Southern Luzon, Visayas, and Mindanao. Easterlies affecting the rest of the country.

**FORECAST WEATHER CONDITION**

Place	Weather Condition	Caused by	Impacts
Visayas, Mindanao, Bicol Region, Romblon, and Palawan	Cloudy skies with scattered rainshowers and thunderstorms	LPA / ITCZ	Possible flash floods or landslides due to moderate to at times heavy rains
Metro Manila and the rest of Luzon	Partly cloudy to cloudy skies with isolated rainshowers or thunderstorms	Easterlies / Localized Thunderstorms	Possible flash floods or landslides during severe thunderstorms

**FORECAST WIND AND COASTAL WATER CONDITION**

Place	Winds		Coastal Waters (Wave Height)
	Speed	Direction	
Northern Luzon	Light to Moderate	East to Southeast	Slight to Moderate (0.6 to 2.1 meters)
The rest of the country	Light to Moderate	East	Slight to Moderate (0.6 to 2.1 meters)

**EXTREME OF TEMPERATURE AND RELATIVE HUMIDITY FOR THE 24-HOUR PERIOD ENDING AT 4:00 PM TODAY**

Recorded at PAGASA Weather Station, Science Garden, Diliman Quezon City

**TODAY**

Temperature (°C)	Maximum	33.0	1:50 PM	Relative Humidity (%)	Maximum	89	5:00 AM
	Minimum	25.0	5:00 AM		Minimum	57	1:50 PM

**TIDES AND ASTRONOMICAL INFORMATION**

Over Metro Manila

Tidal Predictions for Manila Bay (m) (Courtesy of NAMRIA)	Today		Tomorrow		Sunset:	Today:	Tomorrow:
	Low	High	Low	High		6:12 PM	-
	-	-	3:03AM	0.06	Sunrise:	-	5:35 AM
	-	-	2:26PM	0.35	Moonrise	-	3:50 AM
	-	-	8:49PM	0.77	Moonset	3:18 PM	-
	-	-	-	-	Illumination	-	6%

PREPARED BY: *[Signature]*  
 ACC/ DJEV

CHECKED BY: *[Signature]*  
 ASS

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