



TROPICAL CYCLONE BULLETIN NO. 1

Tropical Depression "FLORITA"

Issued at 11:00 AM, 21 August 2022

Valid for broadcast until the next bulletin at 5:00 PM today

THE LOW PRESSURE AREA EAST OF APARRI, CAGAYAN DEVELOPED INTO TROPICAL DEPRESSION "FLORITA"

Location of Center (10:00 AM)

The center of Tropical Depression "FLORITA" was estimated based on all available data at **655 km East of Aparri, Cagayan** or **630 km East of Tuguegarao City, Cagayan (17.3°N, 127.7°E)**

Intensity

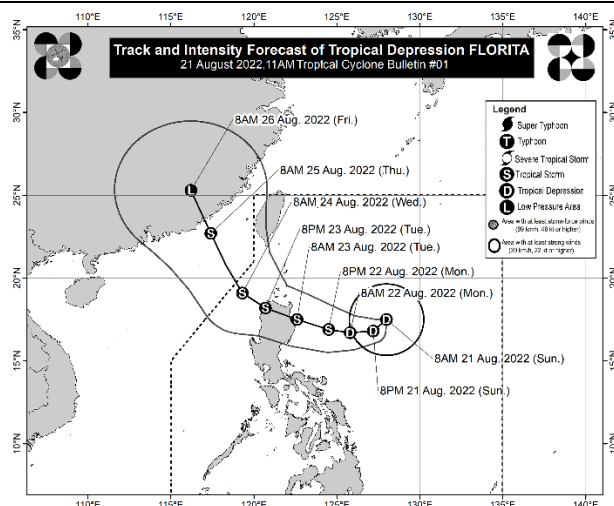
Maximum sustained winds of **45 km/h** near the center, gustiness of up to **55 km/h**, and central pressure of **1004 hPa**

Present Movement

Southwestward at 25 km/h

Extent of Tropical Cyclone Winds

Strong winds extend outwards up to **250 km** from the center



TRACK AND INTENSITY FORECAST

Date and Time	Center Position			Intensity		Movement dir. and speed (km/h)
	Lat. (°N)	Lon. (°E)	Location	MSW (km/h)	Cat.	
12-Hour Forecast 8:00 PM 21 August 2022	16.8	127.2	545 km East of Casiguran, Aurora	55	TD	SW 10
24-Hour Forecast 8:00 AM 22 August 2022	16.7	125.8	395 km East of Casiguran, Aurora	55	TD	W 10
36-Hour Forecast 8:00 PM 22 August 2022	16.9	124.5	265 km East Northeast of Casiguran, Aurora	65	TS	W 10
48-Hour Forecast 8:00 AM 23 August 2022	17.5	122.6	Over the coastal waters of Maconacon, Isabela	75	TS	WNW 20
60-Hour Forecast 8:00 PM 23 August 2022	18.2	120.7	In the vicinity of Piddig, Ilocos Norte	65	TS	WNW 20
72-Hour Forecast 8:00 AM 24 August 2022	19.1	119.3	230 km West of Calayan, Cagayan	65	TS	NW 15
96-Hour Forecast 8:00 AM 25 August 2022	22.7	117.4	505 km West Northwest of Itbayat, Batanes (outside the PAR)	65	TS	NNW 20
120-Hour Forecast 8:00 AM 26 August 2022	25.3	116.2	765 km Northwest of Itbayat, Batanes (outside the PAR)	-	LOW	NNW 15



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HAZARDS AFFECTING LAND AREAS

Heavy Rains

- Currently, "FLORITA" is not directly affecting the country.
- **Tomorrow early morning through afternoon**, light to moderate with at times heavy rains may prevail over the eastern sections of Northern and Central Luzon.
- **By tomorrow evening through Tuesday evening**, the passage of this tropical cyclone over the northern portion of Luzon may bring heavy to intense rains over the Northern and Central Luzon.
- Under these conditions, **scattered to widespread flooding (including flash floods) and rain-induced landslides are expected** especially in areas that are highly or very highly susceptible to these hazard as identified in hazard maps, and in localities with significant antecedent rainfall.

Severe Winds

No tropical cyclone wind signal is currently hoisted for this tropical cyclone. However, there is a high likelihood that Tropical Cyclone Wind Signals will be hoisted for Northern Luzon and several provinces in Central Luzon due to the **threat of strong to storm-force winds** associated with the passage of "FLORITA". The highest possible wind signal that may be hoisted is TCWS #2. **Localities situated in the eastern section of Northern Luzon may be placed under TCWS #1 as early as this afternoon.**

HAZARDS AFFECTING COASTAL WATERS

The tropical depression will bring **moderate to rough seas (1.2 to 2.8 m)** over the eastern seaboard of Northern Luzon. **These conditions may be risky for those using small seacrafts.** Mariners are advised to take precautionary measures when venturing out to sea and, if possible, avoid navigating in these conditions.

TRACK AND INTENSITY OUTLOOK

- Tropical Depression "FLORITA" is forecast to decelerate generally southwestward in the next 12 hours before turning westward tomorrow towards Northern Luzon. On the forecast track, the center of this tropical cyclone is forecast to make landfall in the vicinity of Cagayan or northern portion of Isabela on Tuesday morning or afternoon. Afterwards, the center of "FLORITA" will move west northwestward and cross several provinces in Northern Luzon before emerging over the West Philippine Sea by Tuesday evening or Wednesday early morning.
- "FLORITA" developed into tropical depression at 8:00 AM today. This tropical cyclone is forecast to reach tropical storm category in the next 36 hours and may reach peak intensity of 75 km/h prior to making landfall on Tuesday morning or afternoon. Slight weakening is likely as it crosses the Northern Luzon, but it is forecast to remain within the tropical storm category.

Considering these developments, the public and disaster risk reduction and management offices concerned are advised to take all necessary measures to protect life and property. Persons living in areas identified to be highly or very highly susceptible to these hazards are advised to follow evacuation and other instructions from local officials. **For heavy rainfall warnings, thunderstorm/rainfall advisories, and other severe weather information specific to your area, please monitor products issued by your local PAGASA Regional Services Division.**

The next tropical cyclone bulletin will be issued at 5:00 PM today.

DOST-PAGASA

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Checked by:  CFP