



## TROPICAL CYCLONE BULLETIN NO. 1

### Tropical Depression "CALOY"

Issued at 11:00 PM, 28 June 2022

Valid for broadcast until the next bulletin at 5:00 AM tomorrow

#### THE LOW PRESSURE AREA WEST OF ZAMBALES DEVELOPED INTO TROPICAL DEPRESSION "CALOY"

<b>Location of Center (10:00 PM)</b>	
The center of Tropical Depression "CALOY" was estimated based on all available data at <b>385 km West of Iba, Zambales (15.6°N, 116.4°E)</b>	
<b>Intensity</b>	
Maximum sustained winds of <b>45 km/h</b> near the center, gustiness of up to <b>55 km/h</b> , and central pressure of <b>1000 hPa</b>	
<b>Present Movement</b>	
<b>West northwestward slowly</b>	
<b>Extent of Tropical Cyclone Winds</b>	
<b>Strong winds</b> extend outwards up to <b>100 km</b> 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.	
<b>12-Hour Forecast</b> 8:00 AM 29 June 2022	15.7	116.0	430 km West of Iba, Zambales	45	TD	WNW slowly
<b>24-Hour Forecast</b> 8:00 PM 29 June 2022	16.3	115.4	530 km West of Dagupan City, Pangasinan (Outside the PAR)	45	TD	NW 10
<b>36-Hour Forecast</b> 8:00 AM 30 June 2022	16.9	115.1	565 km West of Dagupan City, Pangasinan (Outside the PAR)	55	TD	NNW slowly
<b>48-Hour Forecast</b> 8:00 PM 30 June 2022	17.9	114.5	625 km West of Sinait, Ilocos Sur (Outside the PAR)	55	TD	NNW 10
<b>60-Hour Forecast</b> 8:00 AM 01 July 2022	18.8	113.4	760 km West of Laoag City, Ilocos Norte (Outside the PAR)	55	TD	NW 15
<b>72-Hour Forecast</b> 8:00 PM 01 July 2022	19.0	112.1	900 km West of Northern Luzon (Outside the PAR)	65	TS	W 10
<b>96-Hour Forecast</b> 8:00 PM 02 July 2022	19.6	109.5	1,255 km West of Extreme Northern Luzon (Outside the PAR)	65	TS	WNW 10
<b>120-Hour Forecast</b> 8:00 PM 03 July 2022	20.9	108.6	1,395 km West of Extreme Northern Luzon (Outside the PAR)	55	TD	NNW slowly



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#### **HAZARDS AFFECTING LAND AREAS**

##### **Heavy Rains**

- "CALOY" is forecast to enhance the Southwest Monsoon in the next 24 hours and bring **monsoon rains** over the western sections of Luzon and Visayas. For more information, refer to **Weather Advisory No. 6 for Southwest Monsoon** issued at 11:00 PM today.

##### **Severe Winds**

- No tropical cyclone wind signal is currently hoisted for this tropical cyclone.
- The Southwest Monsoon enhanced by this tropical depression will bring occasionally gusty conditions reaching strong breeze to near gale in strength over Extreme Northern Luzon, and the western sections of Luzon and Visayas. These conditions are more likely in coastal and mountainous/upland localities of these areas.

#### **HAZARDS AFFECTING COASTAL WATERS**

The tropical depression and the enhanced Southwest Monsoon will bring **moderate to rough seas (1.2 to 3.1 m)** over the seaboard of Northern Luzon and the western seaboard of Central and Southern 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**

- On the forecast track, Tropical Depression "CALOY" is forecast to track generally northwestward and may exit the Philippine Area of Responsibility (PAR) within 24 hours. Outside the PAR region, the tropical depression will track north northwestward over the West Philippine Sea until Thursday (30 June), then turn west northwestward on Friday (01 July) towards southern China.
- "CALOY" developed into a tropical depression at 8:00 PM today. It is forecast to remain a tropical depression in the next 48 hours, then slightly intensify and reach tropical storm category by Friday afternoon.

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 AM tomorrow.

**DOST-PAGASA**

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