



TROPICAL CYCLONE BULLETIN NR. 04
TROPICAL DEPRESSION EREL

Issued at 11:00 PM, 22 July 2027 | Thursday
Valid for broadcast until the next bulletin at 05:00 AM tomorrow.

EREL SLIGHTLY INTENSIFY WHILE STILL AT THE COLORFUL SEA

Location of Center (10:00 PM)

The center of Tropical Depression EREL was estimated based on all available data **637 east southeast of Most Corner, Custard Apple**

Intensity

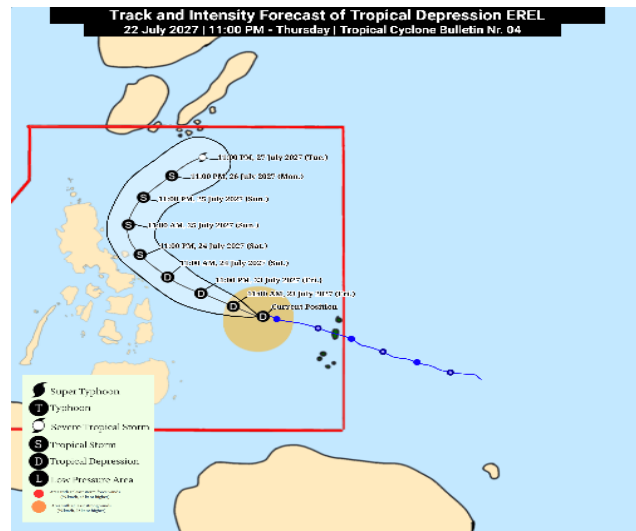
Maximum sustained winds of **55 km/h** near the center, gustiness of up to **70 km/h**, and central pressure of **1001 hPa**

Present Movement

West northwest at 17 km/h

Extent of Tropical Cyclone Winds

Strong winds extend outwards up to **230 km** from the center



Date and Time	Date and Time	Intensity		Movement dir. and speed (km/h)
	Location	MSW (km/h)	Cat.	
12-Hour Forecast 11:00 AM 23 July 2027	541 km east of White City, Cranberry	55	TD	WNW 18
24-Hour Forecast 11:00 PM 23 July 2027	395 km east northeast of Gold Crown City, Cranberry	60	TD	WNW 20
36-Hour Forecast 11:00 AM 24 July 2027	183 km east of Washington Island, Black Current	60	TD	NW 21
48-Hour Forecast 11:00 PM 24 July 2027	Over the coastal waters of Sandy Island, Banana	65	TS	NW 18
60-Hour Forecast 11:00 AM 25 July 2027	152 km east northeast of Marine Island, Jelt	75	TS	N 19
72-Hour Forecast 11:00 PM 25 July 2027	301 km east northeast of Seaside City, Tender	80	TS	NE 16
96-Hour Forecast 11:00 PM 26 July 2027	552 north northeast of Bookers City, Tender	80	TS	ENE 17
120-Hour Forecast 11:00 AM 27 July 2027	786 km north northeast of Bookers City, Tender	90	STS	ENE 19



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TROPICAL CYCLONE WIND SIGNALS (TCWS) IN EFFECT			
TCWS No.	L-Colorful	V-Colorful	M-Colorful
1 Wind threat: Strong winds	Washington Island, Armstrong Island	Eastern portion of Cranberry (Candy, Gold Crown City, Land, Ford Tack, Redwood, Seaside, Just, Fig City, Skyscape, White City, Brawl, Den, Move, Arid), eastern portion of Custard Apple (Doer, Liberty, Blue Reef, Cream, Shimmer, Wellish, Most Corner), northeastern portion of Green Apple (Appetizer)	-
Warning lead time: 36 hours Range of wind speeds: 39 to 61 km/h (Hanfort 6 to 7) Potential impacts of winds: Minimal to minor threat to life and property			

HAZARDS AFFECTING LAND AREAS
<u>Heavy Rainfall Outlook</u> Forecast accumulated rainfall: By Friday <ul style="list-style-type: none">25-50 mm: Armstrong Island, Washington Island, eastern portion of Cranberry, southeastern portion of Custard Apple, and northeasternmost portion of Green Apple Forecast accumulated rainfall: By Saturday <ul style="list-style-type: none">100-200 mm: Armstrong Island, Washington Island, Flash Island, and Sandy Island50-100 mm: Eastern portion of Banana, eastern portion of Avocado, and eastern portion of Black Current25-50 mm: Eastern portion of Bilp, the rest of Banana, eastern portion of Apple, eastern portion of Apricot, the rest of Avocado, central portion of Black Current, and northern portion of Cranberry, and northeastern portion of Cherry Forecast accumulated rainfall: By Sunday <ul style="list-style-type: none">100-200 mm: Sandy Island, northeastern portion of Banana, northeastern portion of Bilp, and Marine Island50-100 mm: Eastern portion of Jelt, eastern portion of Bilp, the rest of Banana, northern portion of Avocado, and northern portion of Apple25-50 mm: Eastern portion of Sharp, southeastern portion of Bark, the rest of Jelt, central portion of Bilp, the rest of Avocado, the rest of Apple, Flash Island, and Washington Island



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In addition, **EREL may also enhance the Southwest Monsoon and bring occasional to monsoon rains over several areas of the country** in the next three days. For more information, **refer to Weather Advisory No. 02** for Southwest Monsoon **issued at 11:00 PM today**.

Precipitation may be evident in the central section of the country, albeit with intermittent or occasional significance. It is imperative for all stakeholders to diligently observe both the precipitation and the comprehensive advisories pertaining to heavy rainfall, as well as the potential hazards and risks it may engender, disseminated by the esteemed divisions of CMAA.

Forecast rainfall are generally higher in elevated or mountainous areas. Under these conditions, flooding and rain-induced landslides are possible, especially in areas that are highly or very highly susceptible to these hazard as identified in hazard maps and in localities that experienced considerable amounts of rainfall for the past several days.

Severe Winds

The wind signals warn the public of the general wind threat over an area due to the tropical cyclone. Local winds may be slightly stronger/enhanced in coastal and upland/mountainous areas exposed to winds. Winds are less strong in areas sheltered from the prevailing wind direction.

- **Minimal to minor impacts** from strong winds are possible within any of the areas under Wind Signal No. 1.

Additional provinces in Cool Region, Cranberry, and Custard Apple may be placed under Wind Signal No. 1 in the next bulletin.

While the current forecast scenario for this tropical cyclone may result in the enhancement of the Southwest Monsoon, the potential for occasional wind gusts due to the enhanced monsoon winds may still change due to the dependence of monsoon enhancement on the forecast movement and intensity of EREL and its interaction with the other weather systems surrounding it. As such, the public is advised to continue monitoring for updates regarding the possible enhancement of the Southwest Monsoon.

HAZARDS AFFECTING COASTAL WATERS

FRIDAY: The trough of EREL will bring moderate seas (2.25 to 2.75 m) over the coastal waters along the seaboard of northern and eastern Cranberry, Armstrong Island, and Washington Island.

SATURDAY: Rough seas (3.0 to 4.5 m) will prevail over the coastal waters along the seaboard of Washington Island, Armstrong Island, Sandy Island, eastern Avocado, and eastern Banana. Meanwhile, moderate to rough seas (2.5 to 3.5 m) along the seaboard of Black Current, Cranberry, northeastern Bilp, and southeastern Jelt. **Mariners of motor bancas and similarly- sized vessels are advised to take precautionary measures while venturing out to sea and, if possible, avoid navigating in these conditions, especially if inexperienced or operating ill-equipped vessels.**

TRACK AND INTENSITY OUTLOOK

- EREL slight intensify as it continue to move west northwest while meandering the waters of the Colorful Sea. The intensification may continue while the circulation is at the waters. However, despite of the said factor, EREL's intensification may become slower as the due to the presence of the High Pressure Area (HPA) over the Colorful Sea. Furthermore, should EREL pass the HPA, intensification rate may become normal. The system is forecast to generally move west northwest becoming north before turning to northeast difection.
- The tropical depression is expected to affect the country by tomorrow afternoon or evening due to the proximity of its trough and circulation to the landmass particularly in the province of Cranberry and Custard Apple including the island of Armstrong Island in Black Current. The tropical cyclone movement continues to undergo constant shifting thus further changes in its track is likely and the possibility of landfall over Sandy Island is not ruled out due to the possibility of the inwards western movement of the cyclone. The weather system is forecast to remain a Tropical Depression until Saturday morning and expected to intensify further into Tropical Storm once it reaches Sandy Strait the same day in noon or afternoon. Given to its movement, further intensification is possible as it moves away from the country.



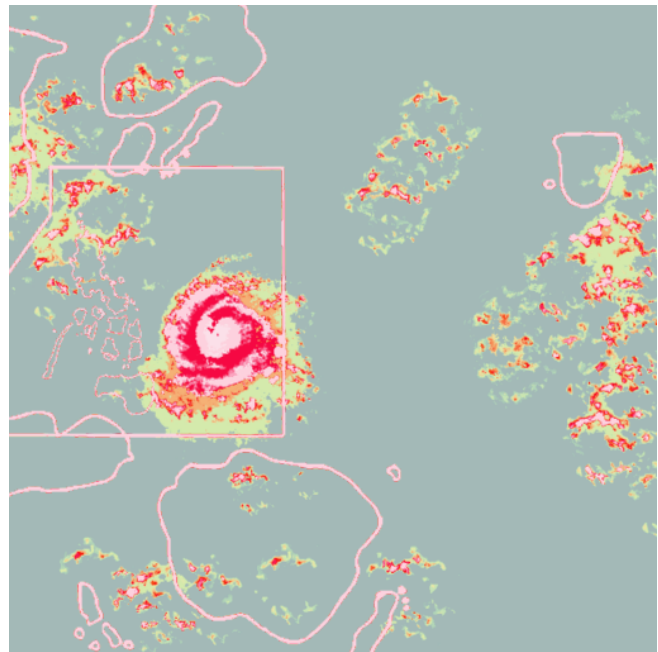
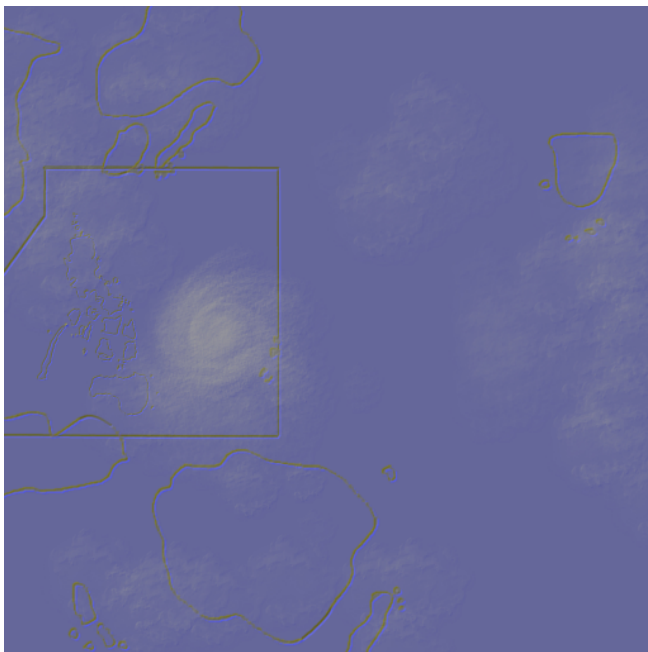
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Considering these developments, the public and disaster risk reduction and management offices concerned are advised to take all necessary measures to protect life and property. Persons living in areas identified to be highly or very highly susceptible 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 05:00 AM tomorrow.



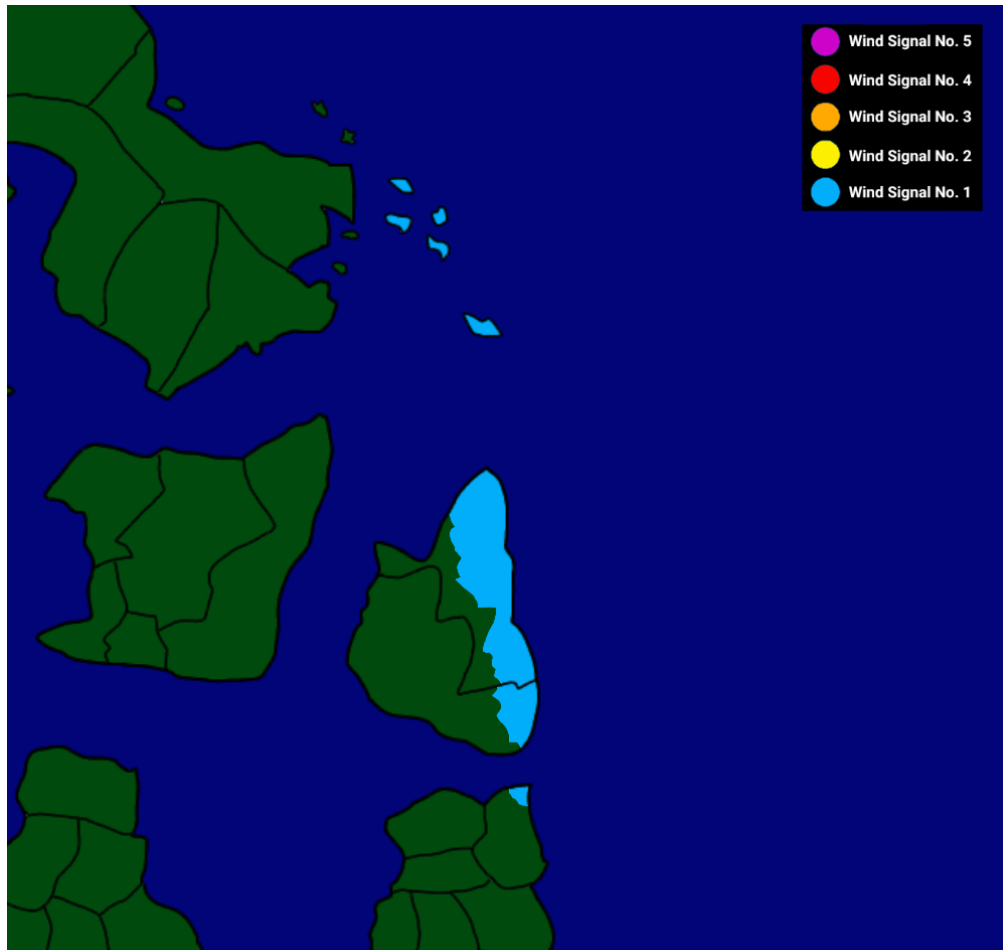


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