



TROPICAL CYCLONE PRELIMINARY SUMMARY

Tropical Storm ESTER (2206 TRASES)

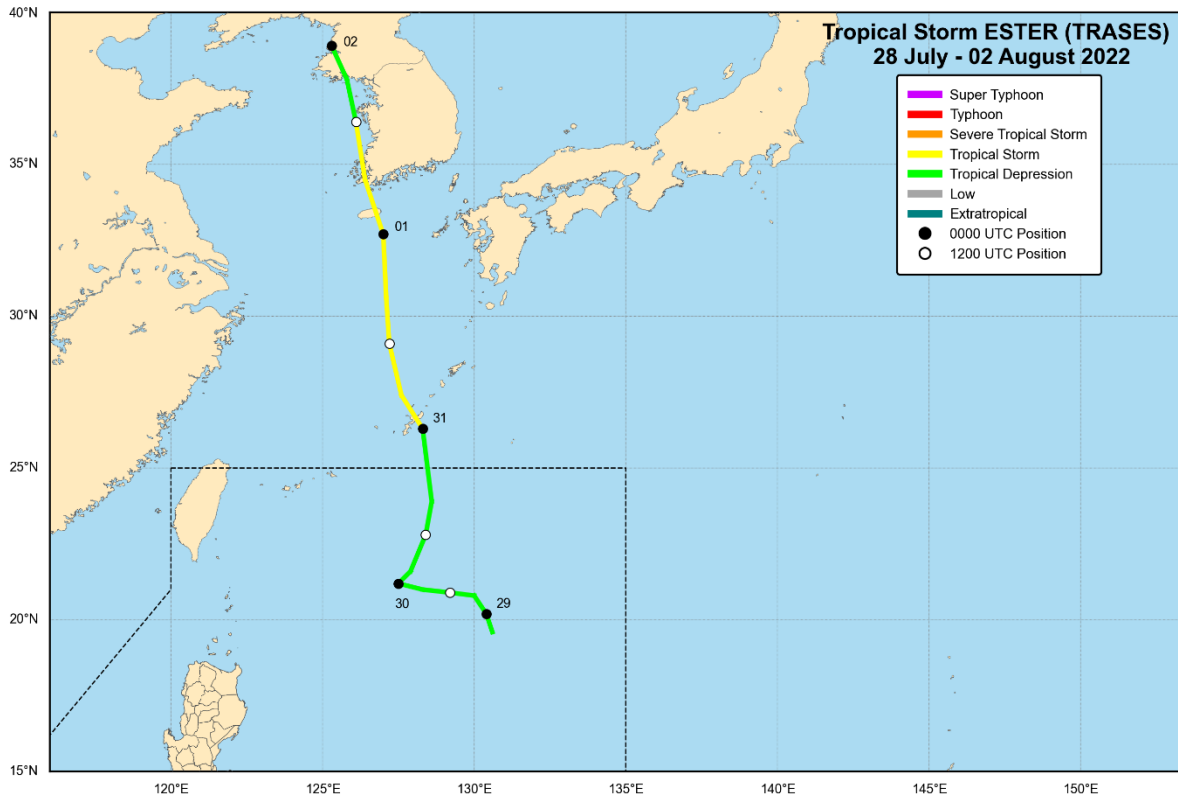


Fig. 1. Preliminary best track positions and intensities of Tropical Storm ESTER. Line color indicates the category of tropical cyclone. Shaded circles with date labels indicated 00 UTC positions while open circles indicate 12 UTC positions.

Meteorological Summary

- First tracked as a disturbance: 1800 UTC, 26 July 2022
- Developed into a tropical depression: 1800 UTC, 28 July 2022
- Weakened into a remnant low: 0000 UTC, 02 August 2022
- Entered the Philippine Area of Responsibility: 1800 UTC, 28 July 2022
- Exited the PAR: 2100 UTC, 30 July 2022
- Duration
 - Within the PAR: 2 day and 3 hours
 - Lifetime¹: 4 days and 6 hours
- Peak intensity and category:
 - Within the PAR: 30 kt (55 km/h), Tropical Depression
 - Lifetime: 35 kt (65 km/h), Tropical Storm
- Reported landfalls²: None

¹ Lifetime is the period from the development into a tropical depression to its weakening into a remnant low or its transitioning into an extratropical low.

² Reported landfalls in the Philippines

Disclaimer: This summary is based on both warning-related information and near-real time post-analysis of the tropical cyclone in question. As such, the information provided herein are considered **preliminary only** and will be superseded by the information that will become available once the **Annual Report on Philippine Tropical Cyclones (2022 Edition)** is released.

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Extremes of Surface Meteorological Observations in the Philippines

Highest peak gust over land³: None

Lowest sea level pressure over land: None

Highest 24-hour rainfall:

- Pili, Camarines Sur: 131.2 mm, 29 July 2022
- Subic Bay International Airport, Morong, Bataan: 123.9 mm, 30 July 2022
- Juban, Sorsogon: 94.0 mm, 28 July 2022

Highest cumulative rainfall while the tropical cyclone was in the PAR:

- Subic Bay International Airport, Morong, Bataan: 198.6 mm
- Pili, Camarines Sur: 157.2 mm
- Tanay, Rizal: 143.4 mm

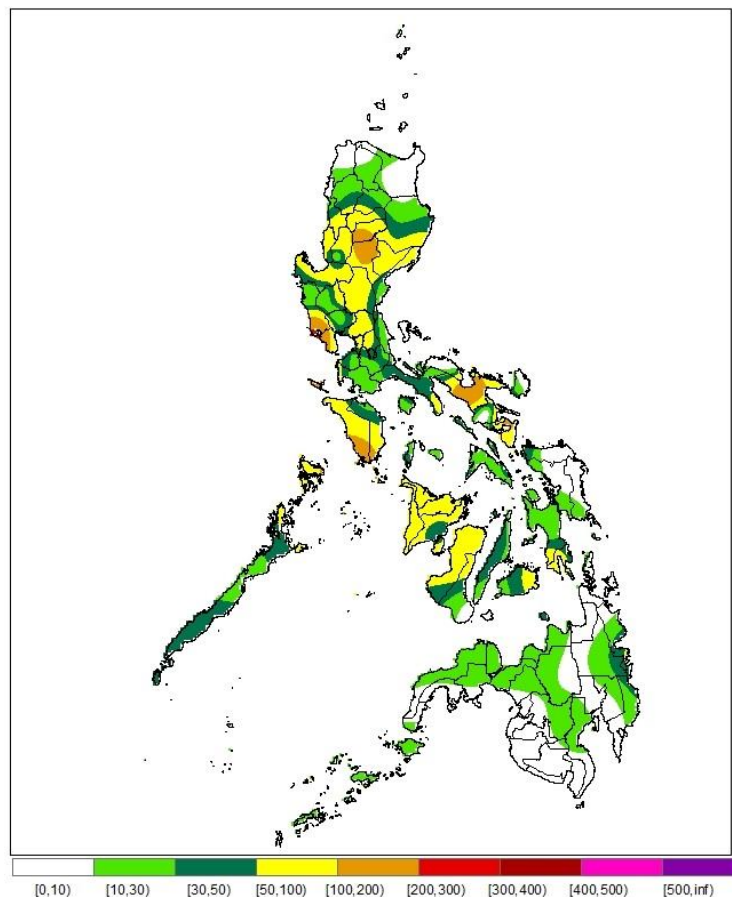


Fig. 2. Spatial interpolation of accumulated rainfall (mm) for the period of 28 to 31 July 2022 from reports of PAGASA synoptic and agromet stations.

³ Over land extremes are extremes of observation reported by a land-based weather station.

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Warning Summary

Number of Public and Marine Tropical Cyclone Products Issued:

- Tropical Cyclone Updates:
 - First Issuance: 4:00 PM, 29 July 2022
 - Last Issuance: 4:00 AM, 31 July 2022
- Tropical Cyclone Advisories:
 - First Issuance: None
 - Last Issuance: None
- Tropical Cyclone Bulletins:
 - First Issuance: 5:00 PM, 29 July 2022
 - Last Issuance: 11:00 AM, 31 July 2022
- Tropical Cyclone Warnings for Shipping:
 - First Issuance: 5:00 PM, 29 July 2022
 - Last Issuance: 11:00 AM, 31 July 2022

Hoisting of Tropical Cyclone Wind Signals: None

Other Pertinent Information:

- The international name TRASES (meaning: woodpecker) was contributed by Cambodia.
- Tropical Storm ESTER did not directly affect the country. However, the Southwest Monsoon enhanced by ESTER brought heavy rains over several provinces in Luzon and Western Visayas.

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