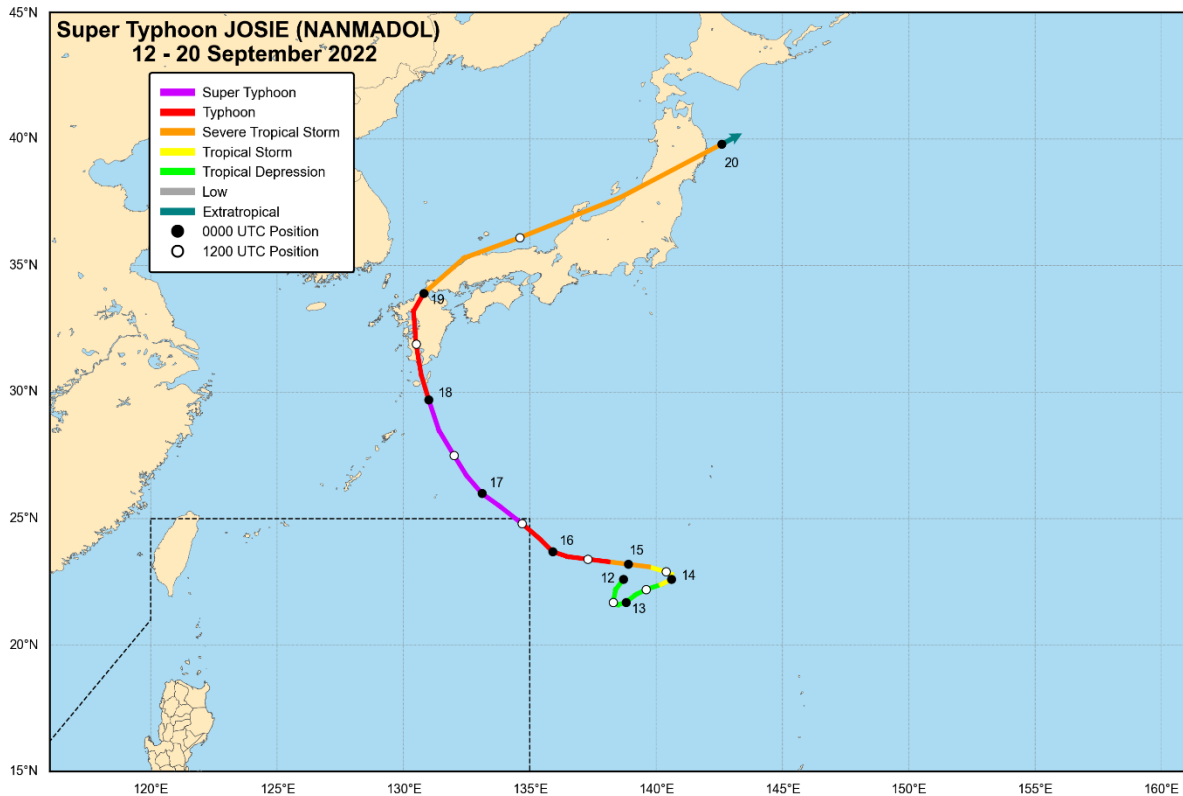




## TROPICAL CYCLONE PRELIMINARY SUMMARY Super Typhoon JOSIE (2214 NANMADOL)



**Fig. 1.** Preliminary best track positions and intensities of Super Typhoon JOSIE. 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: 0000 UTC, 09 September 2022
- Developed into a tropical depression: 0000 UTC, 12 September
- Weakened into an extratropical low: 0000 UTC, 20 September 2022
- Entered the Philippine Area of Responsibility: 0940 UTC, 16 September 2022
- Exited the PAR: 1400 UTC, 16 September 2022
- Duration
  - Within the PAR: 4.33 hours
  - Lifetime<sup>1</sup>: 8 days
- Peak intensity and category:
  - Within the PAR: 100 kt (185 km/h), Super Typhoon
  - Lifetime: 105 kt (195 km/h), Super Typhoon
- Reported landfalls<sup>2</sup>: None

<sup>1</sup> 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.

<sup>2</sup> 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 As such, the information provided herein are considered **preliminary only** and will be superseded by the information that will become available once the **Annual Report on Philippine Tropical Cyclones (2022 Edition)** is released.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 land<sup>3</sup>: None

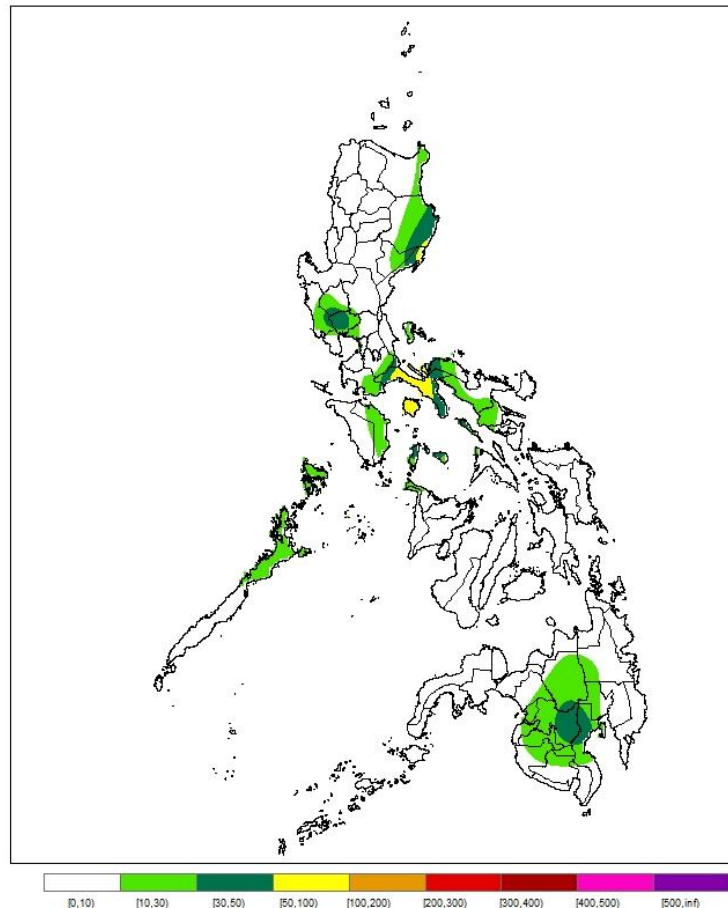
Lowest sea level pressure over land: None

Highest 24-hour rainfall:

- Alabat, Quezon: 62.6 mm, 16 September 2022
- Casiguran, Aurora: 53.2 mm, 16 September 2022
- Clark International Airport, Mabalacat, Pampanga: 48.8 mm, 16 September 2022

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

- Alabat, Quezon: 62.6 mm
- Casiguran, Aurora: 53.2 mm
- Clark International Airport, Mabalacat, Pampanga: 48.8 mm



**Fig. 2.** Spatial interpolation of accumulated rainfall (mm) for 16 September 2022 from reports of PAGASA synoptic and agromet stations.

<sup>3</sup> 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, 12 September 2022
  - Last Issuance: 4:00 PM, 17 September 2022
- Tropical Cyclone Advisories:
  - First Issuance: 5:00 AM, 13 September 2022
  - Last Issuance: 11:00 AM, 16 September 2022
- Tropical Cyclone Bulletins:
  - First and Last Issuance: 11:00 PM, 16 September 2022
- Tropical Cyclone Warnings for Shipping:
  - First and Last Issuance: 11:00 PM, 16 September 2022

Hoisting of Tropical Cyclone Wind Signals: None

## Other Pertinent Information:

- The international name NANMADOL, a famous Pohnpei ruin, was contributed by Micronesia.
- Super Typhoon JOSIE did not directly affect the country due to its sheer distance from the Philippine archipelago.

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