

Tropical Cyclone (TC)-Threat Potential

Initialization: 26 September 2024 (8 PM)

Date Issued: 27 September 2024 (2 PM)

Validity: Valid within the forecast period, unless superseded by succeeding forecast.

Forecast Summary:

Week-1 (September 27 - October 03, 2024)

- TC “JULIAN” is present inside the PAR (east of extreme Northern Luzon) and will generally move towards the North.
- Moreover, the forecast suggests that TC-like vortex (TCLV) ❶ will likely emerge over the northeastern boundary of the TCAD with a low to moderate likelihood of TC development.

- Therefore, the **TC-THREAT POTENTIAL IS LIKELY** during week-1.

Week-2 (October 04 – 10, 2024)

- Model forecast indicates that TCLV formation is less likely within the PMD.
- Therefore, the **TC-THREAT POTENTIAL IS UNLIKELY** over week-2.

However, any changes in the forecast pattern will be closely monitored and updates will be issued as needed.

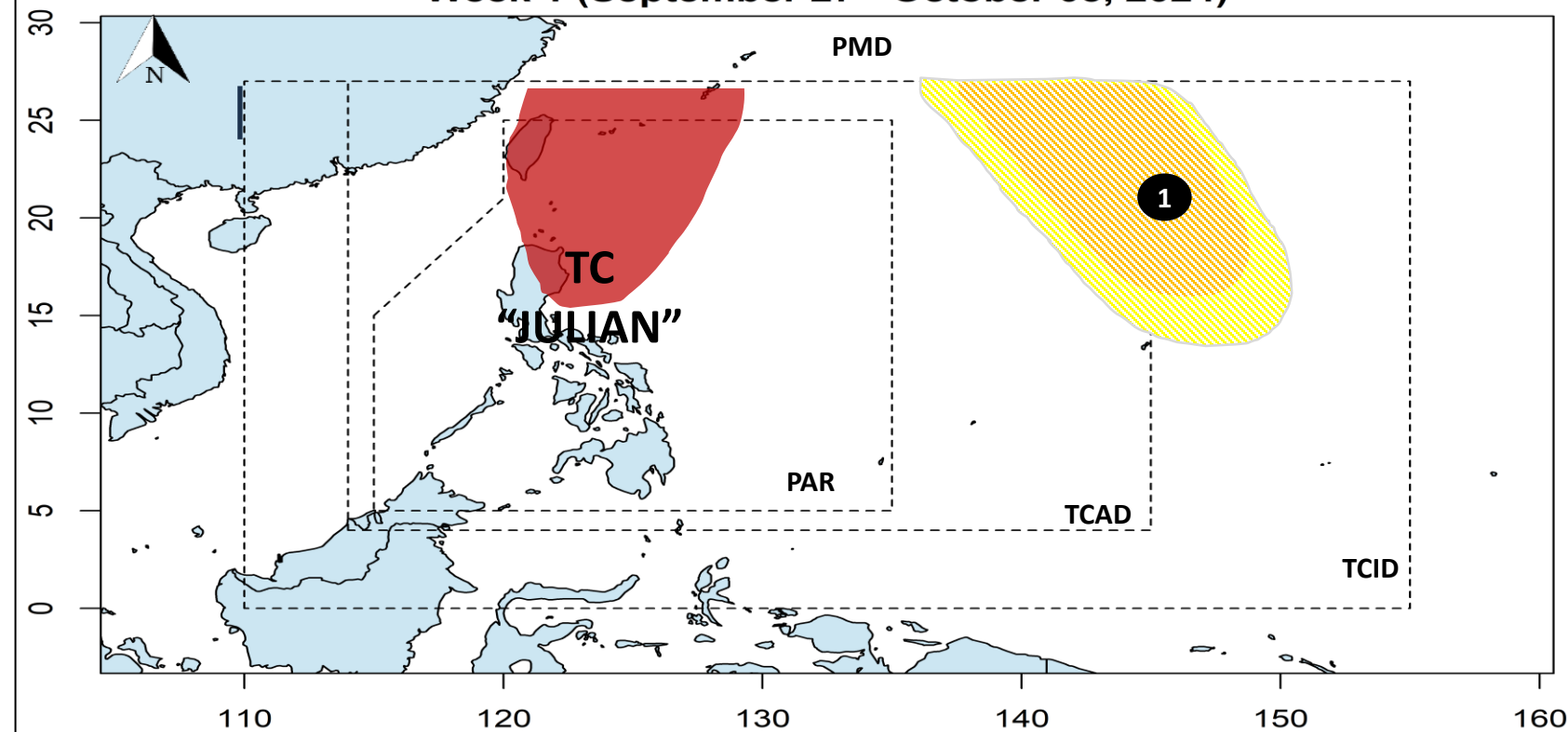
PMD: PAGASA Monitoring Domain
PAR: Philippine Area of Responsibility

TCAD: Tropical Cyclone Advisory Domain
TCID: Tropical Cyclone Information Domain

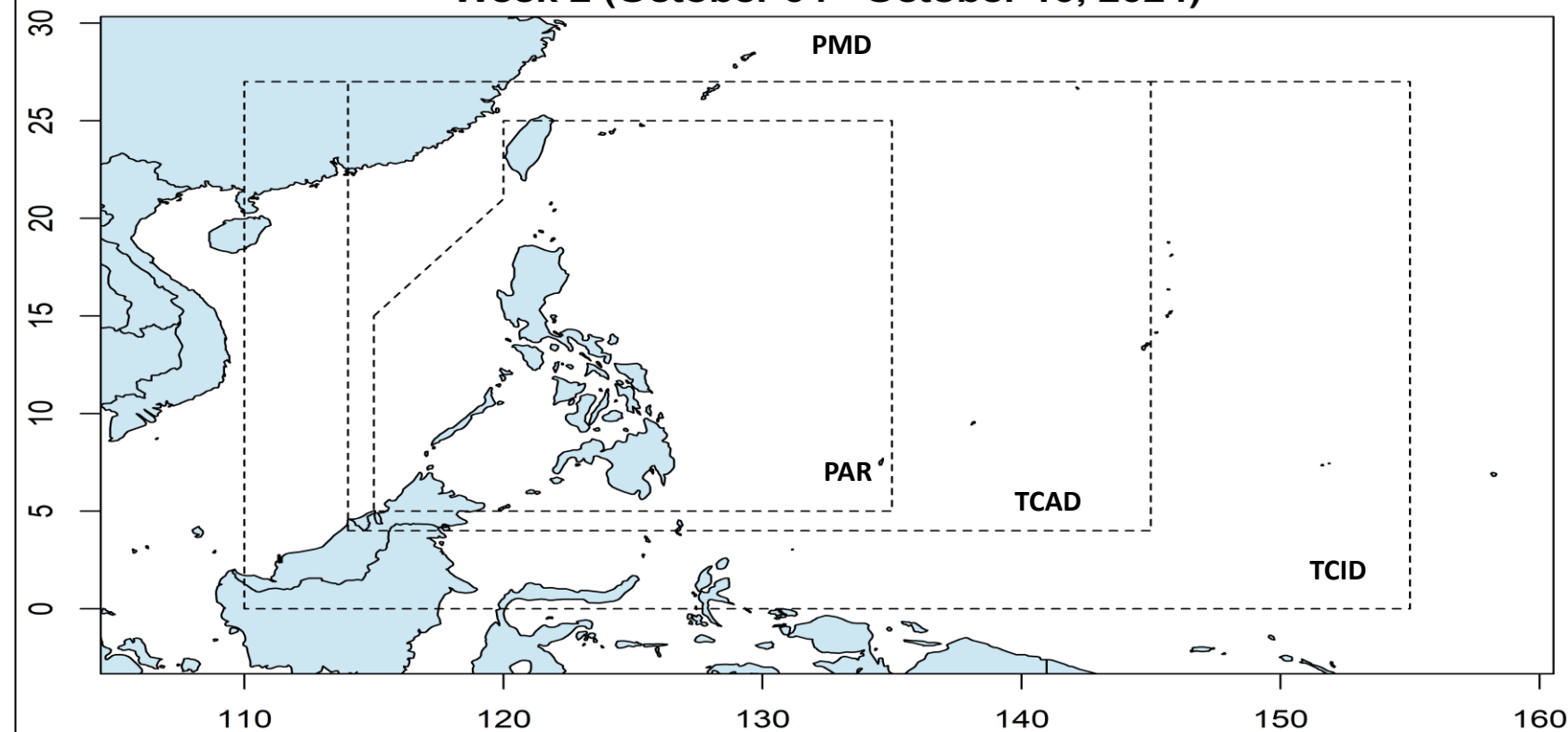
Note: The information contained here is based on the 6-hourly forecasts of the NCEP-GEFS issued in the past 24 hours where the Central Weather Administration (CWA) TC Tracking algorithm was applied. This product was part of the collaboration between PAGASA and CWA through the MECO/TECO VOTE Project. This is for guidance purposes only.

For Weather Updates, kindly refer to: www.bagong.pagasa.dost.gov.ph/weather

Week 1 (September 27 - October 03, 2024)



Week 2 (October 04 - October 10, 2024)



Likelihood of TC Formation

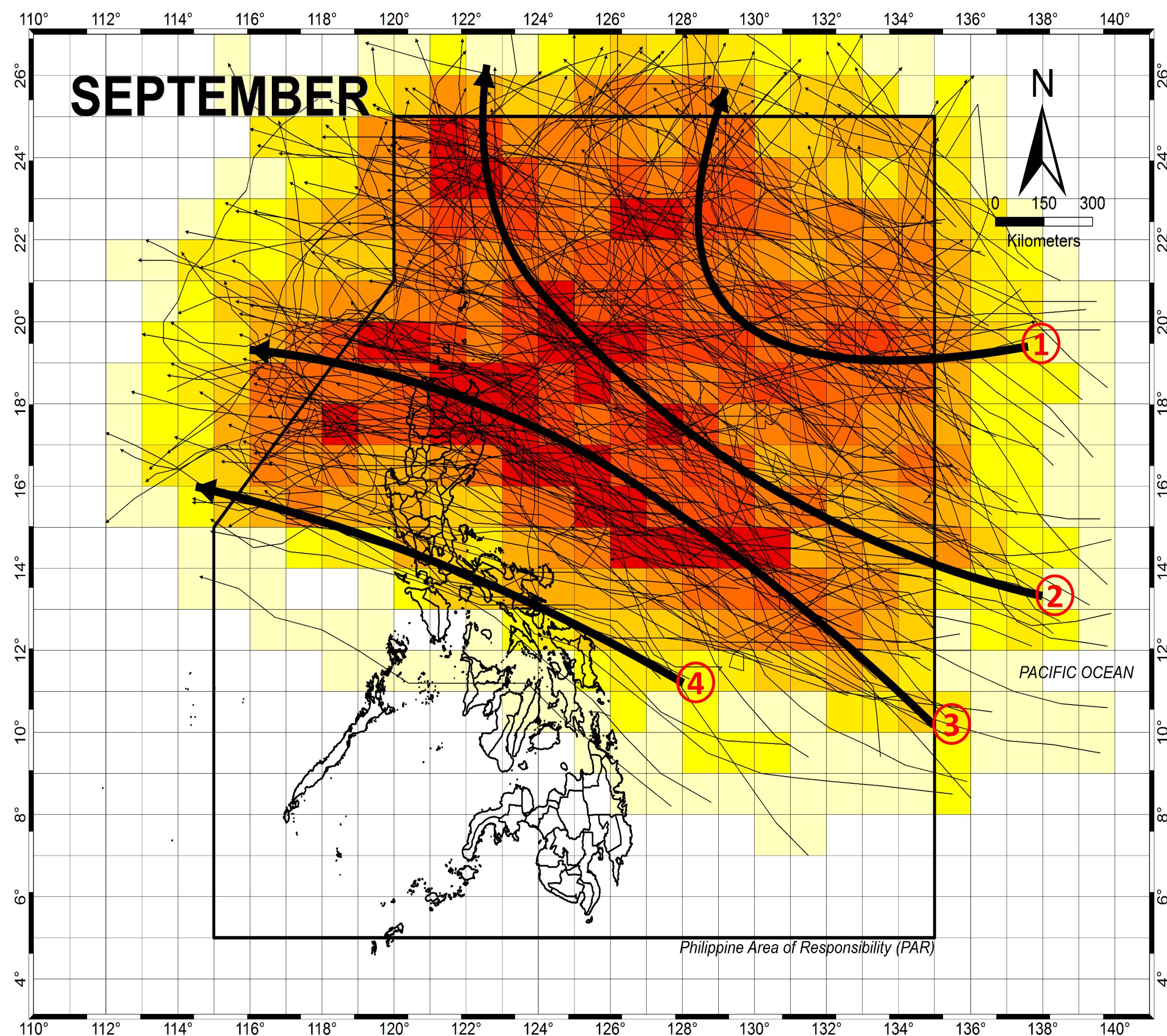


Low: Less chance of formation
Moderate: Has a chance of formation
High: Higher chance of formation
Active TC: Existing TC inside the PMD



Philippine Atmospheric, Geophysical, and Astronomical Services Administration (PAGASA)

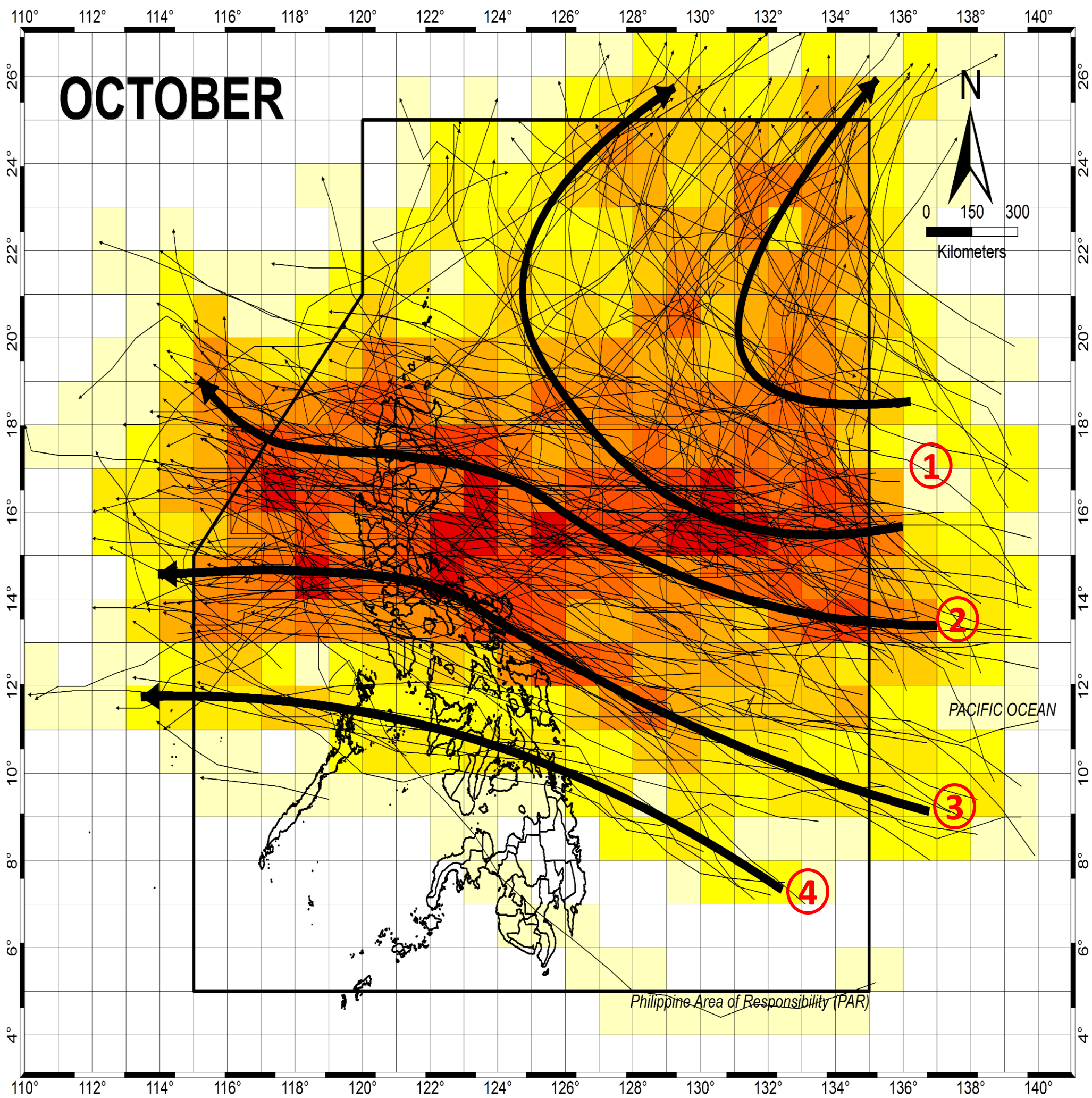
Contact us at telephone no: (02) 8284-0800 loc. 4920/4921 or email: climps@pagasa.dost.gov.ph



Tropical Cyclone Climatological Tracks for September in the Philippine Area of Responsibility (PAR)

Climatological tracks for the month of September suggest 4 most common tracks:

1. Recurving TCs in the north-eastern part of PAR (non-landfalling) moving towards Japan or Korea (less likely to enhance SW Monsoon activity during passage)
2. Recurving TCs towards the northwestern part of PAR (non-landfalling) moving towards Taiwan (may enhance SW Monsoon activity during passage)
3. Landfalling TCs traversing northern and extreme northern Luzon; moving towards Hongkong or China
4. Landfalling TCs traversing the southern parts of Luzon; moving towards Vietnam



Tropical Cyclone Climatological Tracks for October in the Philippine Area of Responsibility (PAR)

Climatological tracks for the month of October suggest 4 most common tracks:

1. TCs formed in the western Pacific that entered the Philippine Area of Responsibility(PAR) but recurve towards the north-eastern part of PAR (non-landfalling) then move towards Japan or Korea.
2. Landfalling TCs traversing Northern or Central Luzon; moving towards Hongkong or China.
3. Landfalling TCs traversing Central or Southern Luzon; moving towards Vietnam.
4. Landfalling TCs traversing Visayas; moving towards Vietnam