

# Sub-seasonal to seasonal (S2S) Forecast

(January 24 – February 06, 2024)

1. Tropical Cyclone (TC)-Threat Potential
2. Rainfall Exceedance Probability Forecast

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Checked by: RGA

# Tropical Cyclone (TC)-Threat Potential

Initialization: 23 January (8 AM)

Date Issued: 24 January 2024

Validity: Valid within the forecast period, unless superseded by succeeding forecast.

## Forecast Summary:

### Week-1 (January 24 - 30, 2024)

- No TC-like vortex (TCLV) is present within the PMD.
- Forecasts indicate that TCLV formation within the PMD is unlikely over Week-1.

### Week-2 (January 31 – February 06, 2024)

- Model forecast suggests that a TCLV will likely form over the southern portion of the PAR with a low likelihood of TC formation.

- Therefore, the **TC-THREAT POTENTIAL IS UNLIKELY** over the forecast period.

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

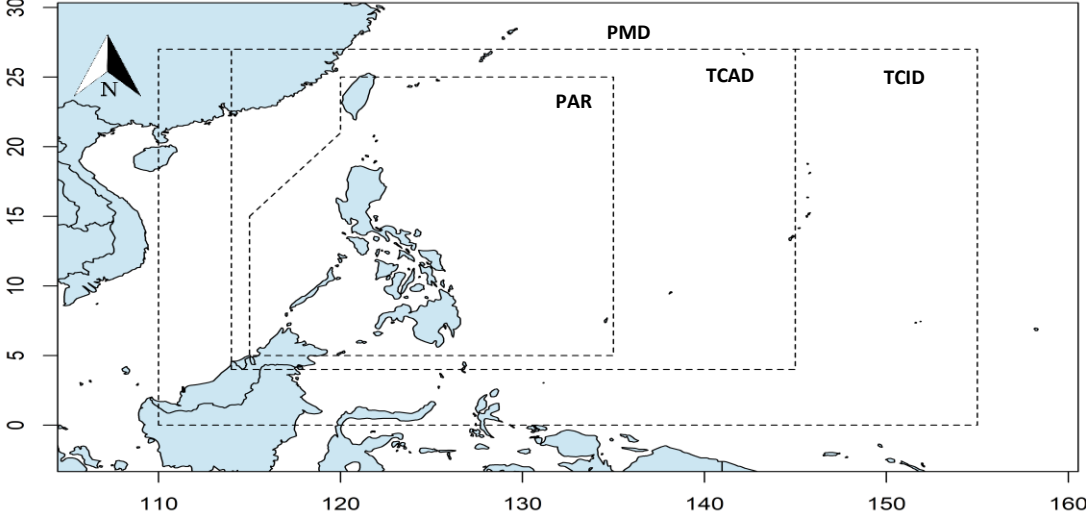
Note: The information contained here is based on the 6-hourly forecasts of the NCEP-GEFS issued in the past 24 hours where the Central Weather Administration (CWA) TC Tracking algorithm was applied. This product was part of the collaboration between PAGASA and CWA through the MECO/TECO VOTE Project.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

For Weather Updates, kindly refer to: [www.bagong.pagasa.dost.gov.ph/weather](http://www.bagong.pagasa.dost.gov.ph/weather)

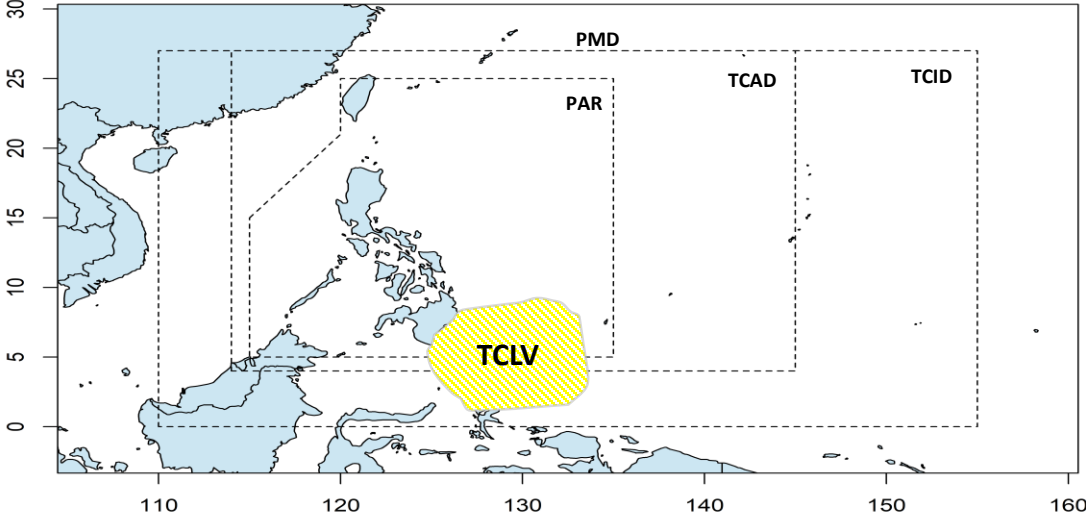
PMD: PAGASA Monitoring Domain  
PAR: Philippine Area of Responsibility

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

Week 1 (January 24 - 30, 2024)



Week 2 (January 31 - February 06, 2024)



#### Likelihood of TC Formation

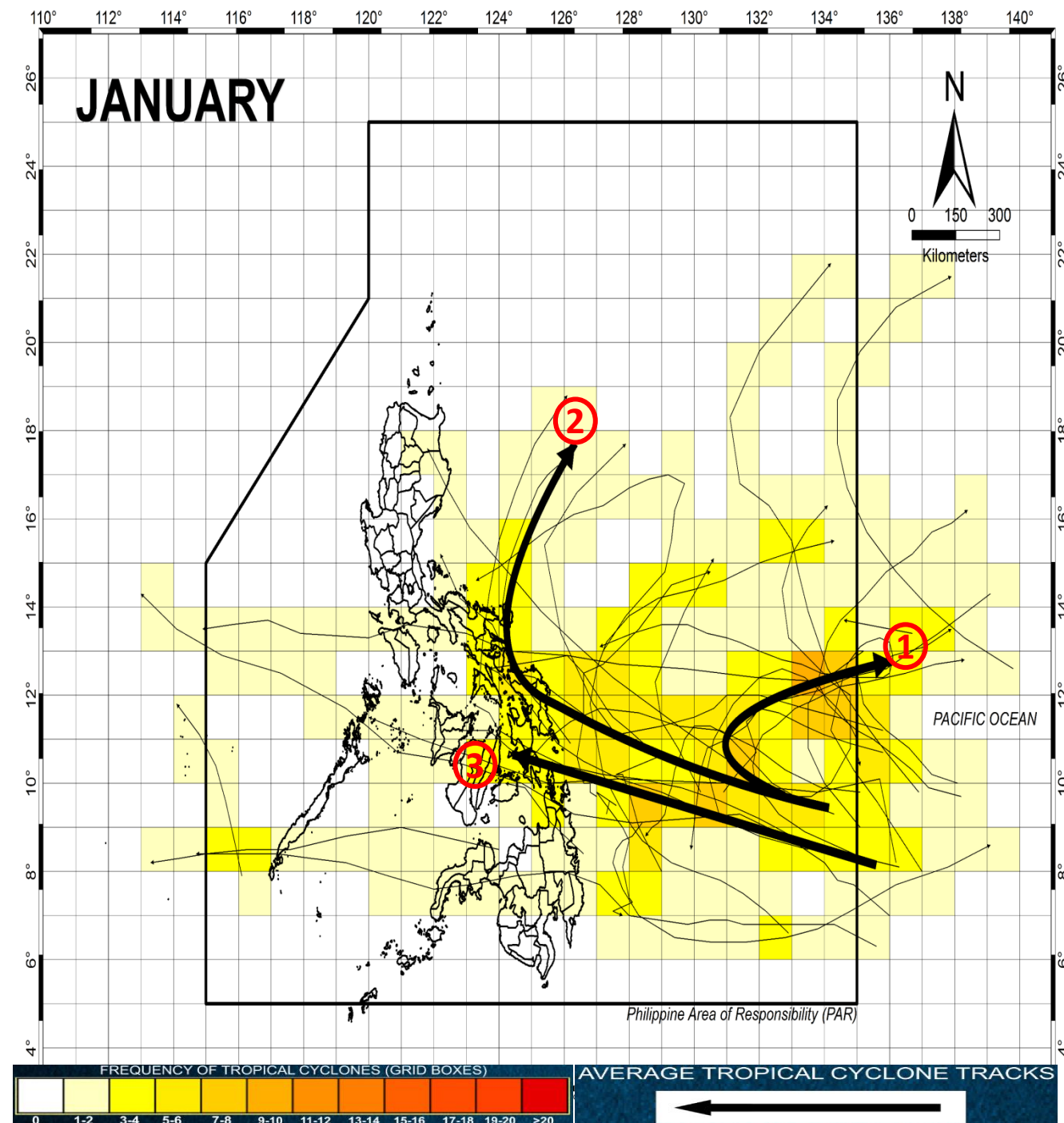


Low: Less chance of formation  
Moderate: Has a chance of formation  
High: Higher chance of formation  
Active TC: Existing TC inside the PMD



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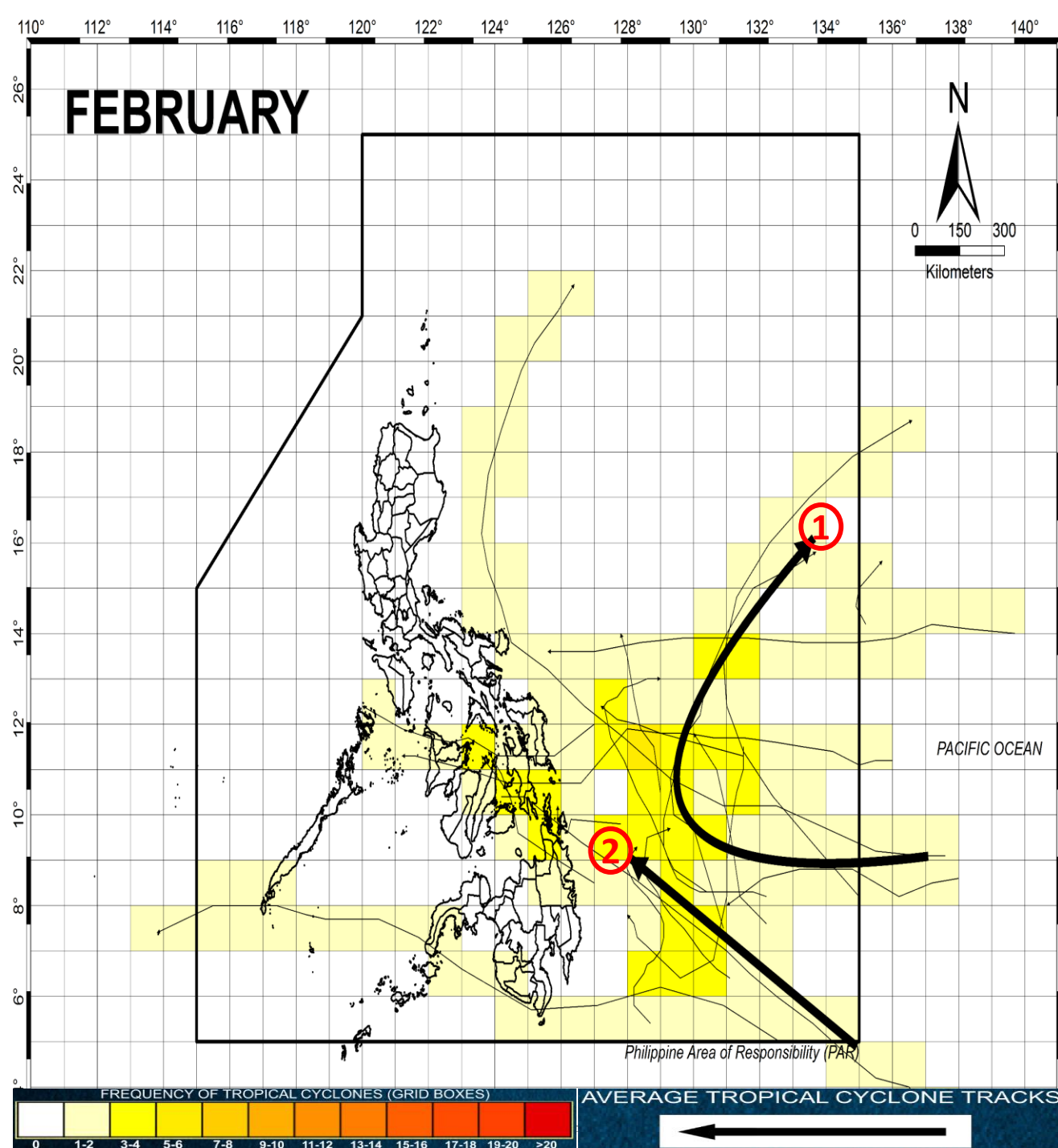
Prepared by: CAD-CLIMPS-Contact us @Tel no:(02)8284-0800 loc. 4920/4921 or Email: [pagasa.climps@gmail.com](mailto:pagasa.climps@gmail.com)



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

Climatological tracks for the month of January suggest 3 most common tracks (Fewer/Lesser chance of TC formation during this month):

1. TCs formed within the Philippine Area of Responsibility (PAR) but recurve afterwards towards the eastern part of PAR (non-landfalling).
2. TCs formed within PAR and may make landfall in eastern part of Visayas then recurves towards the northern part of PAR before dissipating.
3. TCs formed in the Western Pacific which may enter PAR and make landfall in Central Philippines before dissipating.



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Administration (PAGASA)

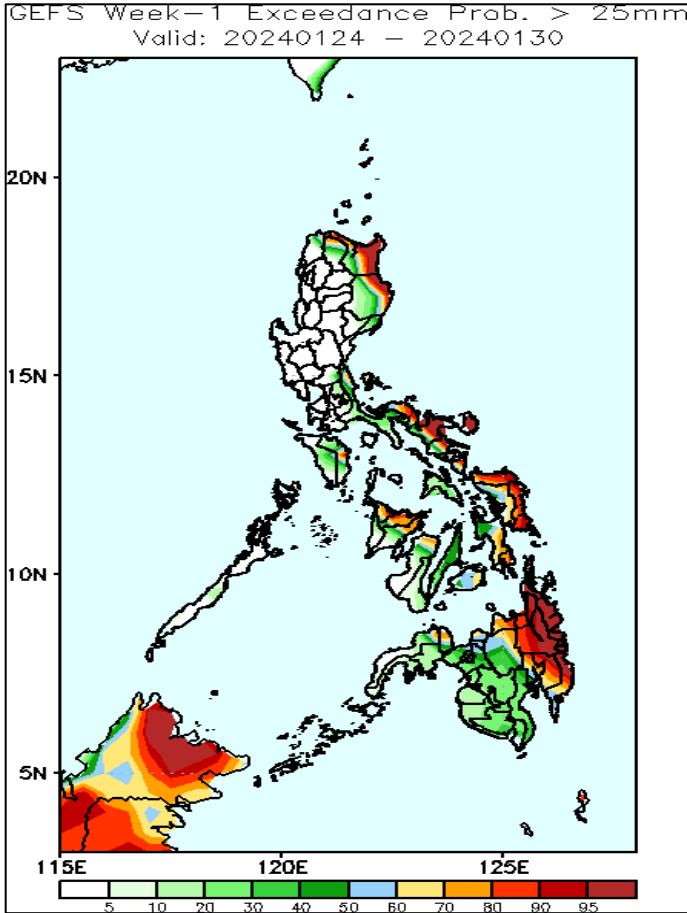
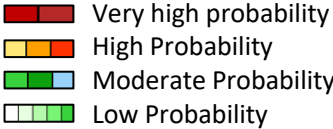
## Tropical Cyclone Climatological Tracks for February in the Philippine Area of Responsibility (PAR)

Climatological tracks for the month of February suggest 2 most common tracks (Lesser chance of TC formation during this month):

1. TCs formed in the Western Pacific which may enter PAR but recurves afterward.
2. TCs formed in the Western Pacific which may enter PAR and move towards the Philippine landmass but dissipates before landfall.

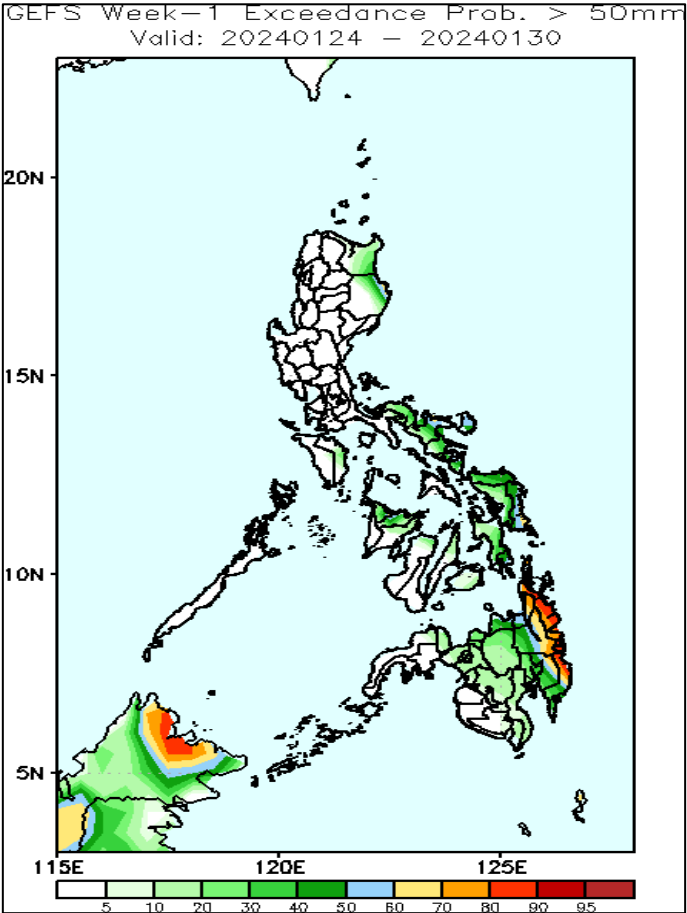
# WEEK - 1: RAINFALL EXCEEDANCE PROBABILITY FORECAST

January 24 - 30, 2024



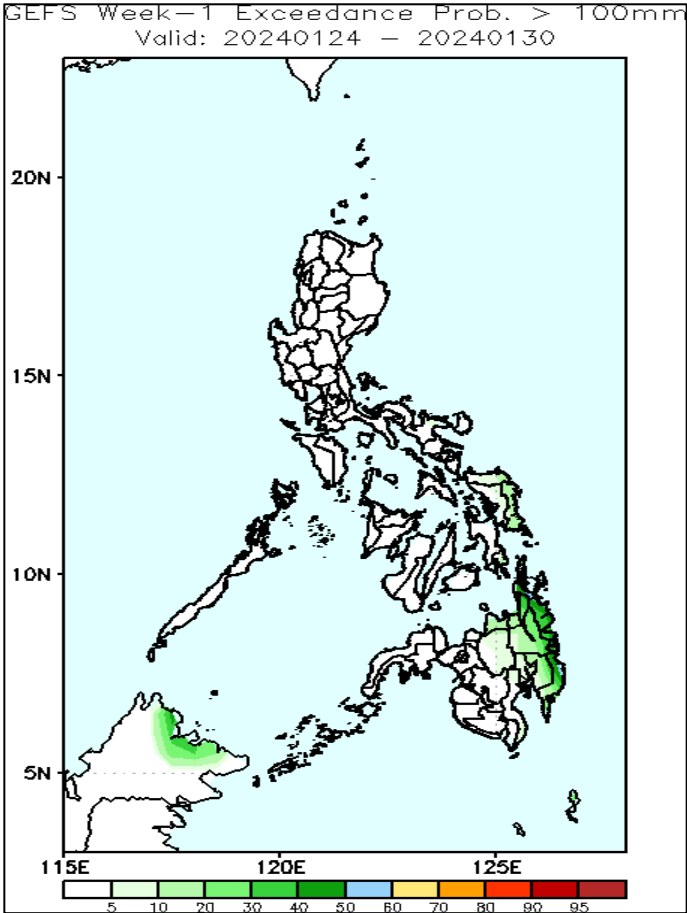
**Probability to Exceed 25mm**

- High to very high over the eastern portions of Cagayan and Isabela, some parts of the Bicol Region, Northern and Eastern Samar, Caraga, and the eastern part of the Davao Region ;
- Moderate to high over the rest of Cagayan, Isabela, and Bicol region, Quezon, Oriental Mindoro, the rest of Visayas, and most parts of Mindanao;
- Low to moderate over the rest of the country.



**Probability to Exceed 50 mm**

- Moderate to high over the eastern part of Isabela, Eastern Samar and eastern Mindanao;
- Low to moderate over the Bicol Region, Aklan, Capiz, and Northern Samar;
- Low over the rest of the country.

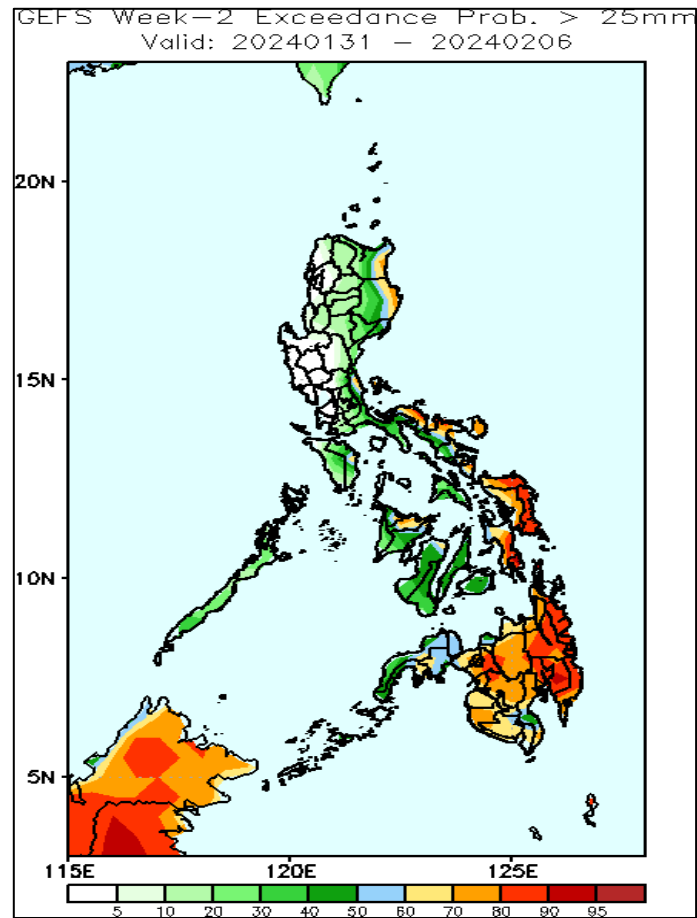
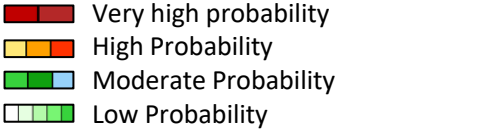


**Probability to Exceed 100mm**

- Low to moderate over eastern Mindanao;
- Low over the rest of the country.

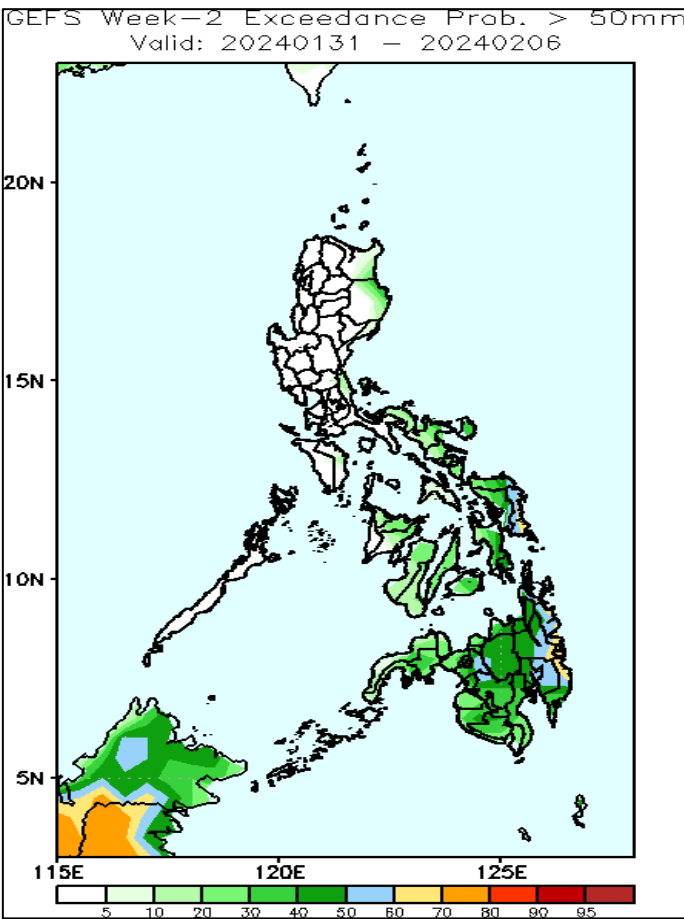
# WEEK - 2: RAINFALL EXCEEDANCE PROBABILITY FORECAST

January 31 – February 06, 2024



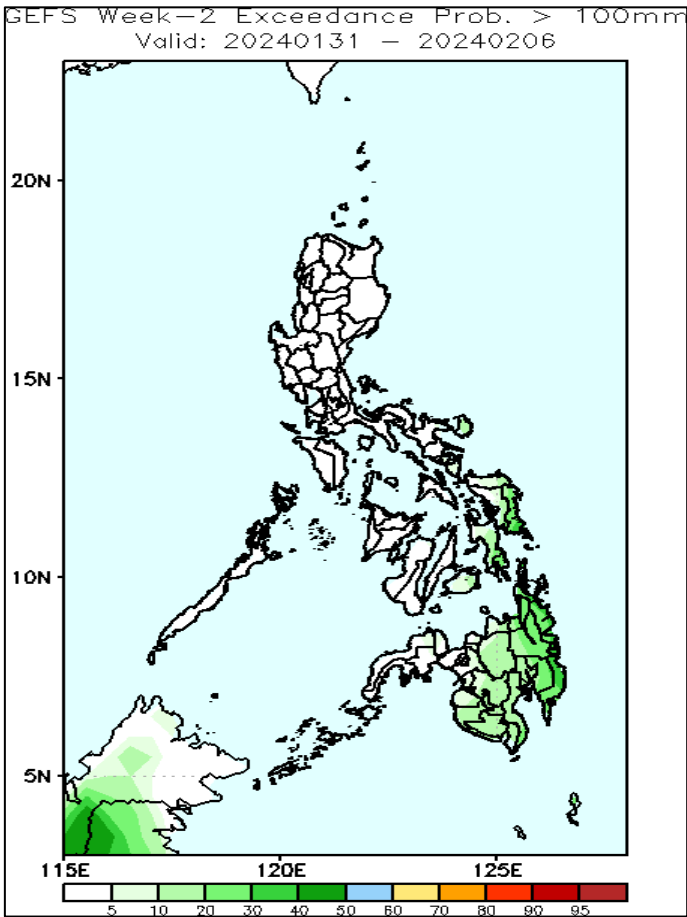
**Probability to Exceed 25mm**

- High to very high over Davao de Oro;
- Moderate to high over Cagayan, Isabela, Quezon, Bicol Region, Mindoro Oriental, and most of Visayas and Mindanao;
- Low to moderate over the rest of the country.



**Probability to Exceed 50mm**

- Moderate to high over most of Eastern Visayas and eastern Mindanao;
- Low to moderate over the rest of Mindanao;
- Low elsewhere.



**Probability to Exceed 100mm**

- Low to moderate over eastern Mindanao;
- Low elsewhere.