



# Sub-seasonal to seasonal (S2S) Forecast

(April 15, 2024 – April 28, 2024)

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

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Checked by: JMA

# Tropical Cyclone (TC)-Threat Potential

Initialization: 14 April (8 AM)

Date Issued: 15 April 2024

Validity: Valid within the forecast period, unless superseded by succeeding forecast.

## Forecast Summary:

### Week-1 (April 15 – 21, 2024)

- No TC-like vortex (TCLV) is present within the PMD.
- Forecasts show a low likelihood of TCLV formation near or within the PAR in week-1.

### Week-2 (April 22 - 28, 2024)

- The model forecasts suggest that there is still a low likelihood of TCLV development near or within the PAR over week-2.
- Therefore, the **TC-THREAT POTENTIAL IS UNLIKELY** over the forecast period.

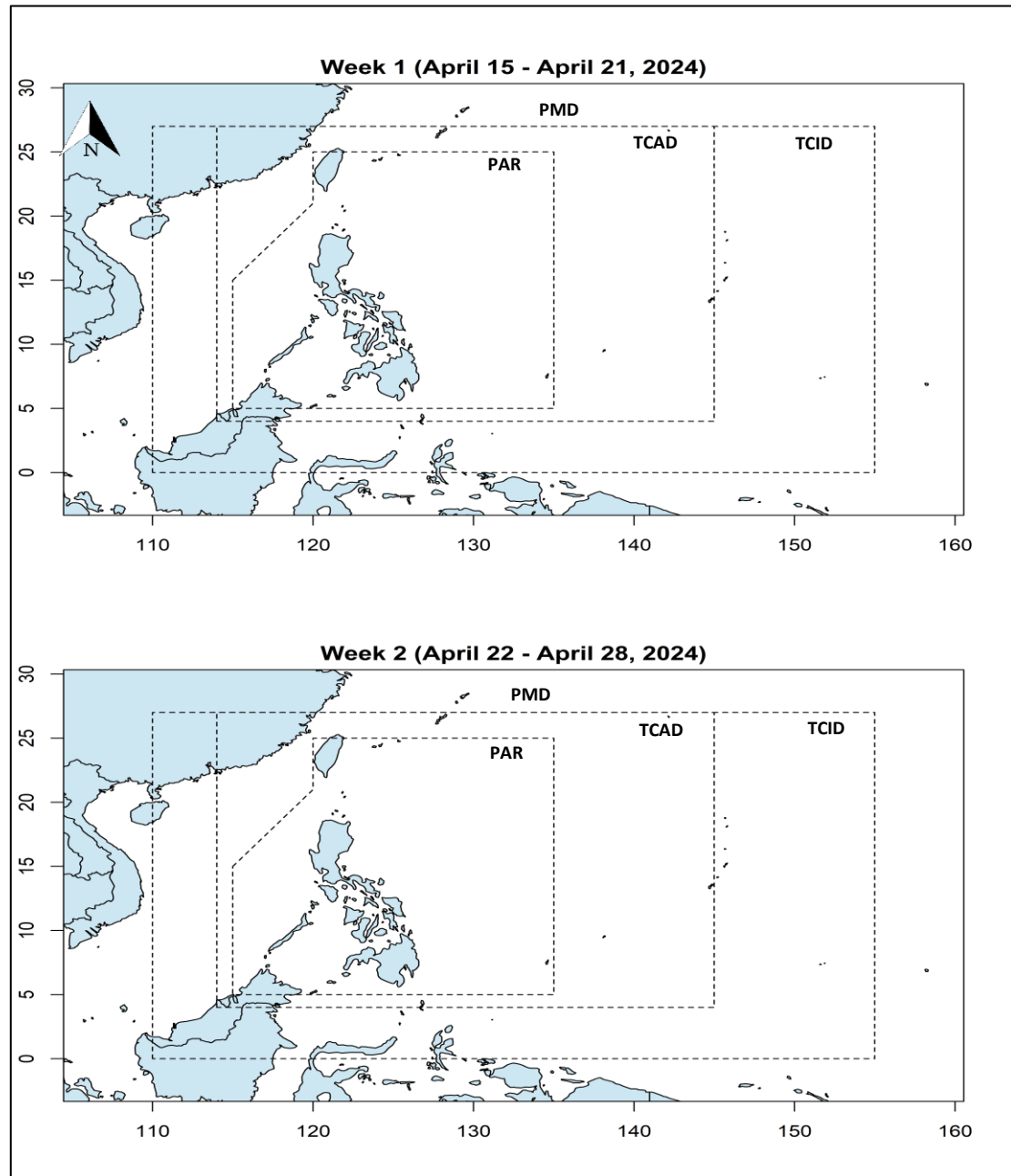
*However, any changes in the forecast pattern will be closely monitored and updates will be issued as needed.*

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



#### Likelihood of TC Formation



Active TC



High



Moderate



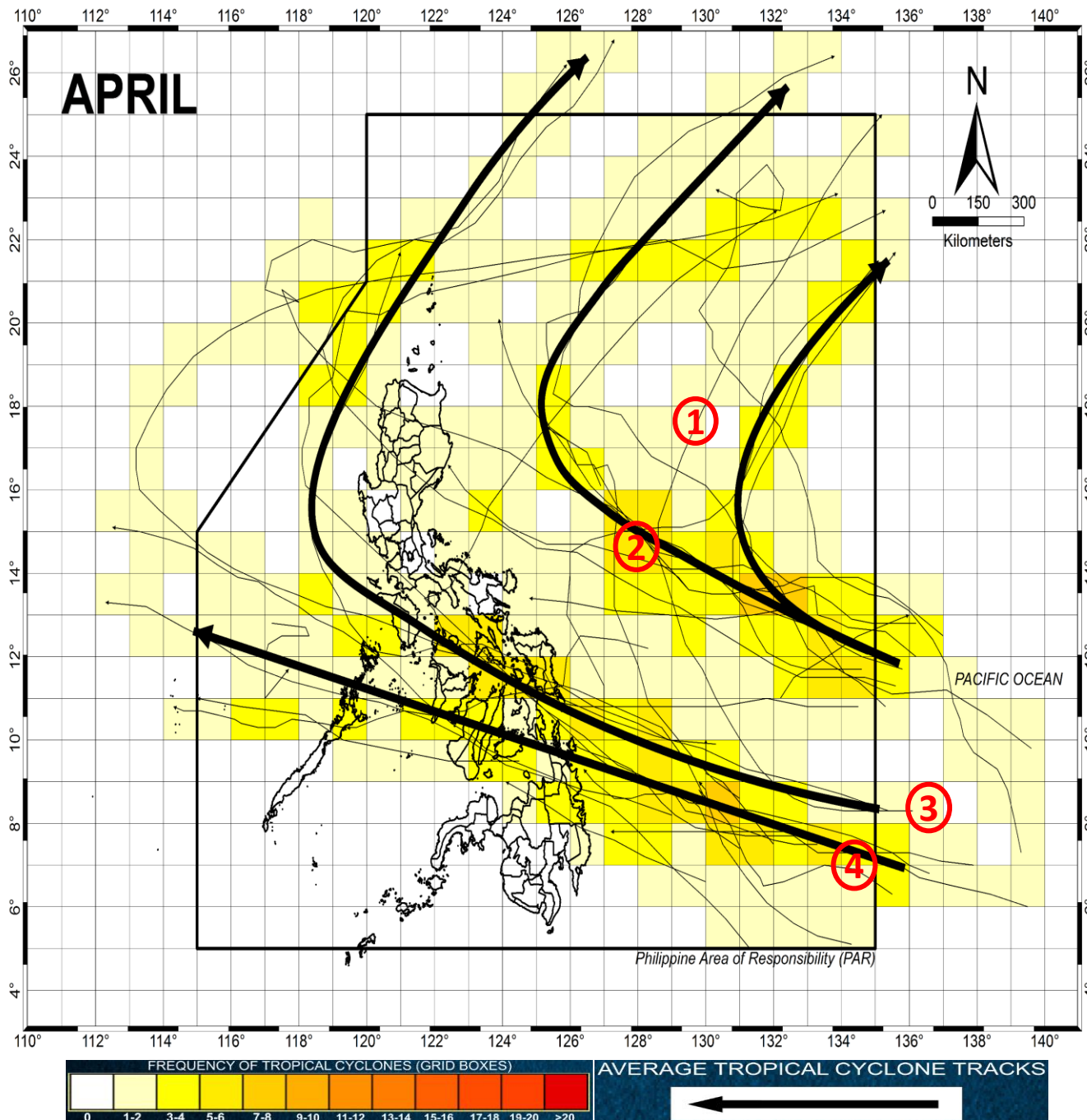
Low

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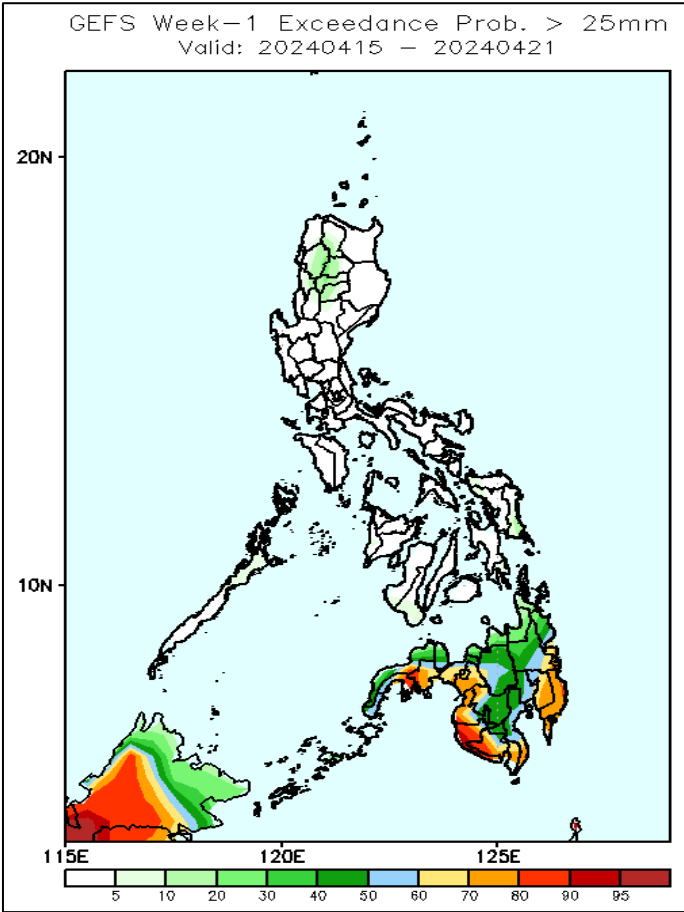
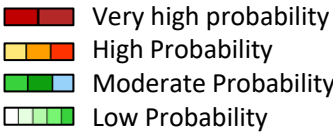
## Tropical Cyclone Climatological Tracks for April in the Philippine Area of Responsibility (PAR)

Climatological tracks for the month of April suggest four (4) most common tracks (Lesser chance of TC formation during this month):

1. TCs formed in the Western Pacific which may enter the PAR but recurve afterwards towards Southern Japan.
2. TCs formed in the Western Pacific which may enter the PAR but recurve afterwards towards Japan.
3. TCs formed in the Western Pacific which may enter the PAR and traverse the Central Philippines then recurve towards Japan.
4. TCs formed in the Western Pacific which may enter the PAR and traverse the Central Philippines and move towards Vietnam.

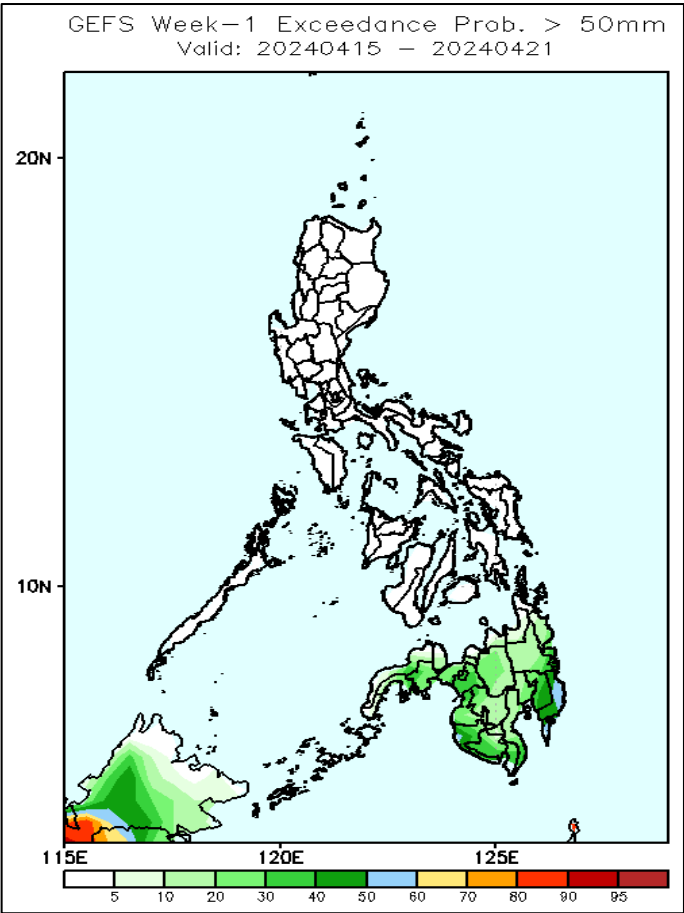
# WEEK - 1: RAINFALL EXCEEDANCE PROBABILITY FORECAST

April 15 – April 21, 2024



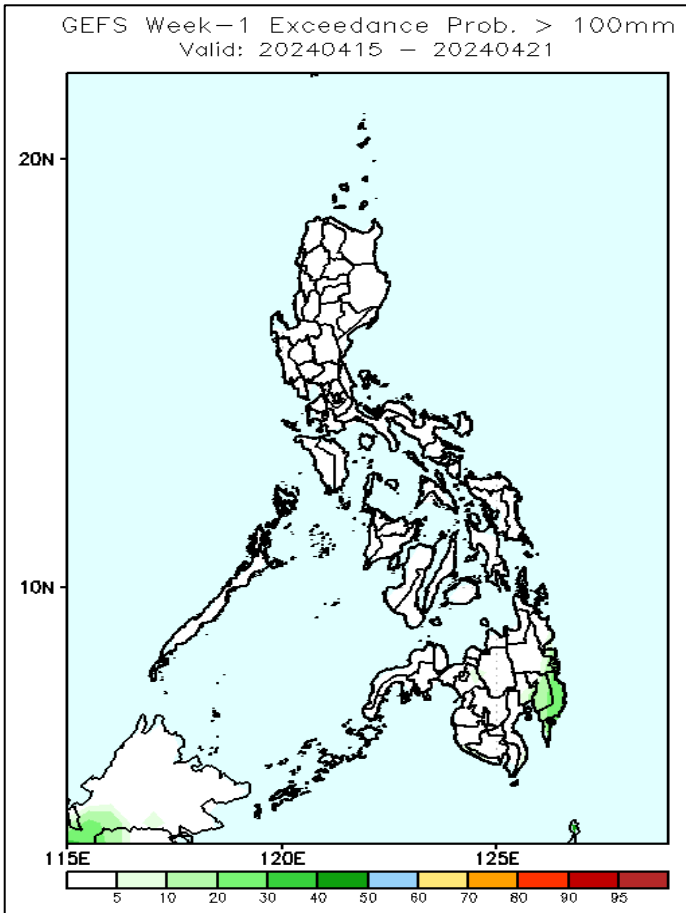
### Probability to Exceed 25mm

- Moderate to High over the western portion of Mindanao and Davao Region;
- Low to moderate over the rest of Mindanao
- Low over the rest of the country.



### Probability to Exceed 50mm

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

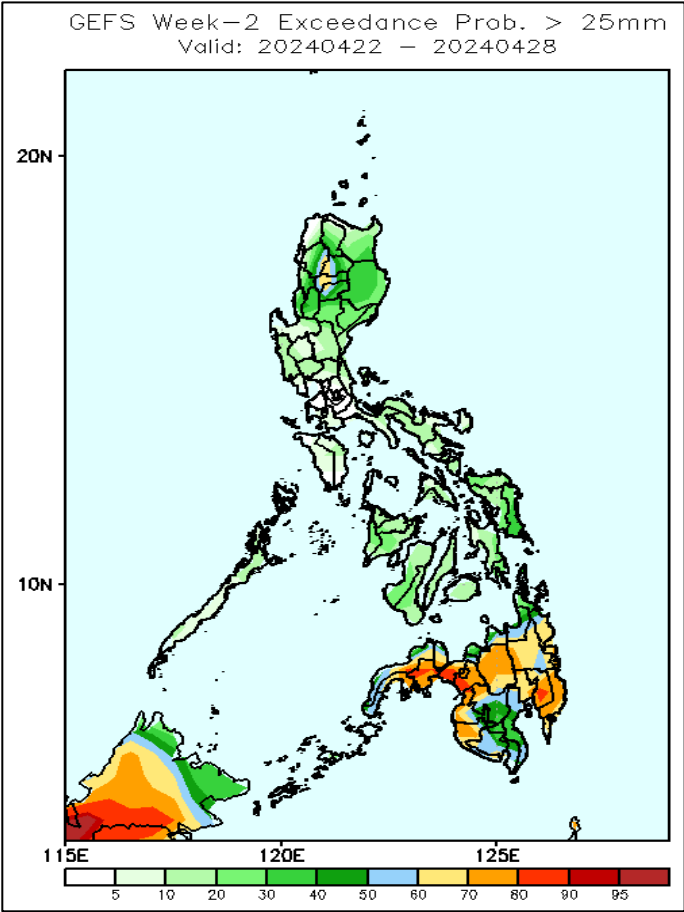
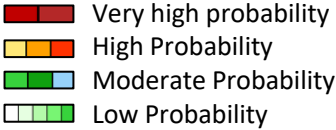


### Probability to Exceed 100mm

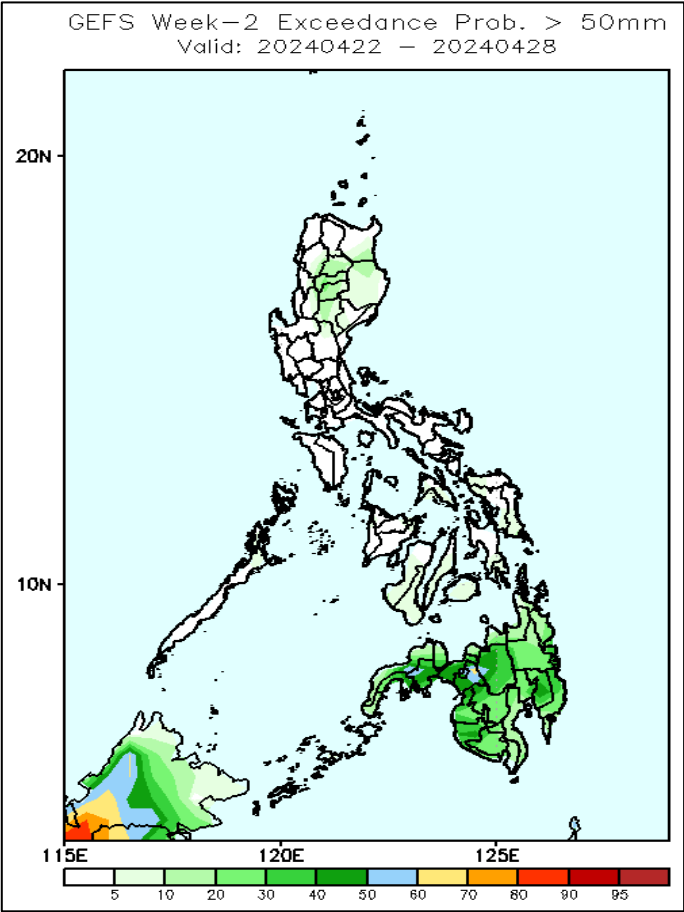
- Low across the country.

# WEEK - 2: RAINFALL EXCEEDANCE PROBABILITY FORECAST

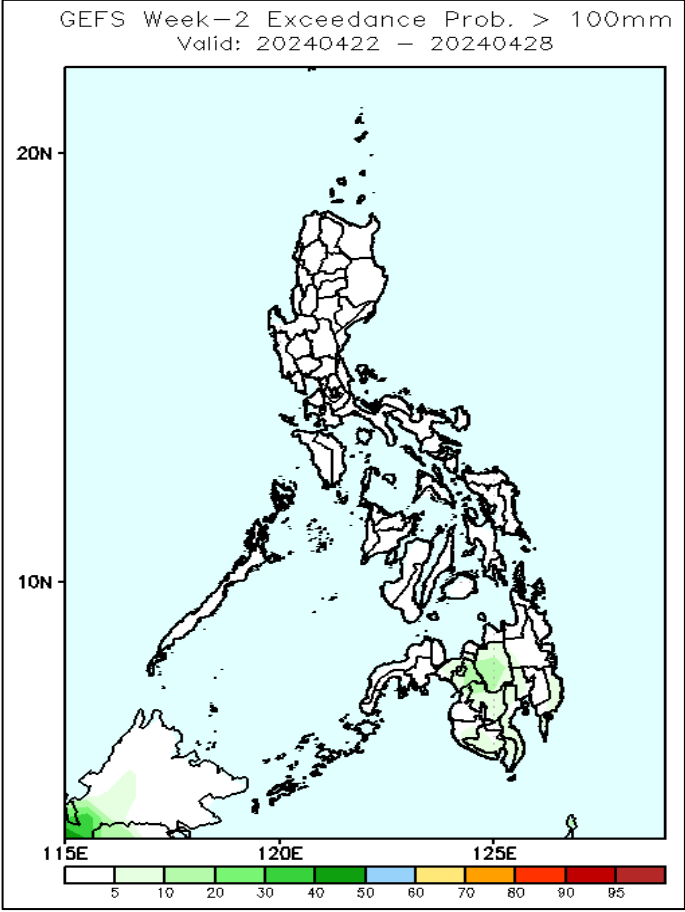
April 22 - 28, 2024



- Probability to Exceed 25mm**
- Moderate to high over CAR and most of Mindanao;
  - Low to moderate over the rest of Luzon;
  - Low over the rest of the country.



- Probability to Exceed 50mm**
- Low to moderate over Mindanao
  - Low over the rest of the country.



- Probability to Exceed 100mm**
- Low across the country.