

# Sub-seasonal to seasonal (S2S) Forecast

(November 20 – December 03, 2023)

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

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Checked by: RGA

# Tropical Cyclone (TC)-Threat Potential

Initialization: 19 November (8 AM)

Date Issued: 20 November 2023

Validity: Valid within the forecast period, unless superseded by succeeding forecast.

## Forecast Summary:

### Week-1 (November 20 – 26, 2023)

- TCLV1 will likely emerge from the Zamboanga Peninsula and will move north-westward towards the West Philippine Sea with a low to moderate likelihood of TC formation.

### Week-2 (November 26 – December 03, 2023)

- Forecasts suggest that no TCLVs will form in Week-2
- Therefore, the **TC-THREAT POTENTIAL IS LIKELY** in Week-1.

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

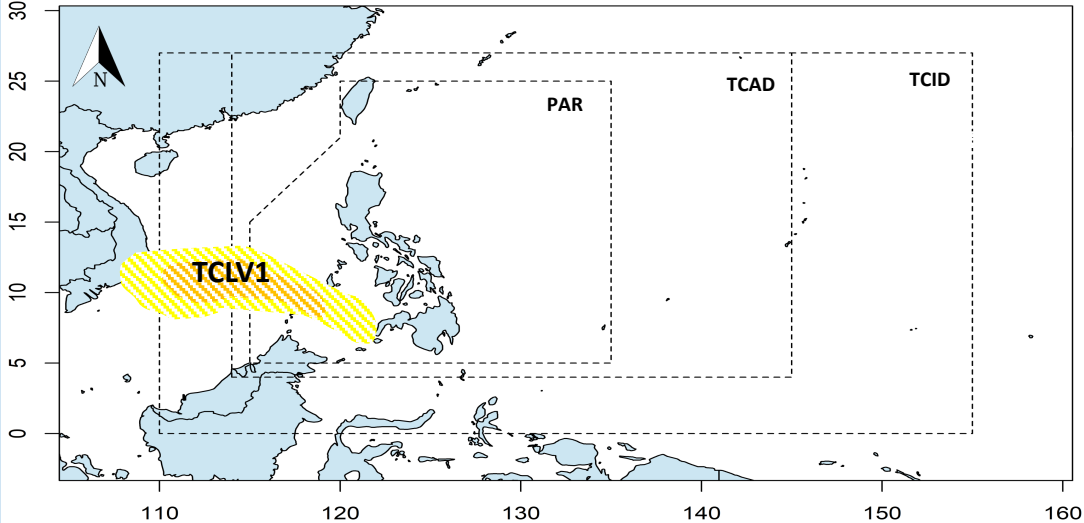
Note: The information contained here is based on the 6-hourly forecasts of the NCEP-GEFS issued in the past 24 hours where the Central Weather Bureau (CWB) TC Tracking algorithm was applied. This product was part of the collaboration between PAGASA and CWB through the MECO/TECO VOTE Project. This is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

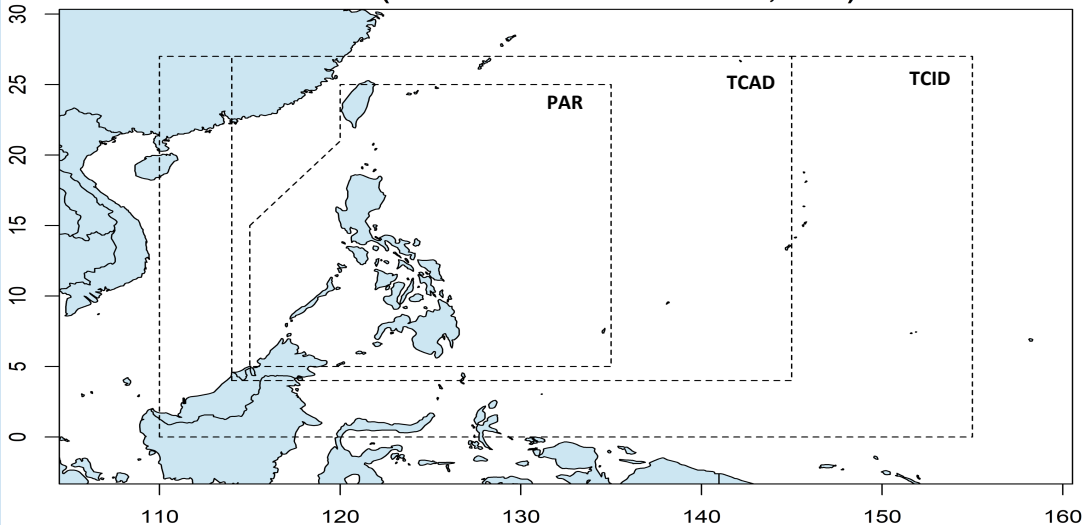
**PMD: PAGASA Monitoring Domain**  
**PAR: Philippine Area of Responsibility**

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

Week 1 (November 20 - 26, 2023)



Week 2 (November 27 - December 03, 2023)



## Likelihood of TC Formation



Active TC



High



Moderate



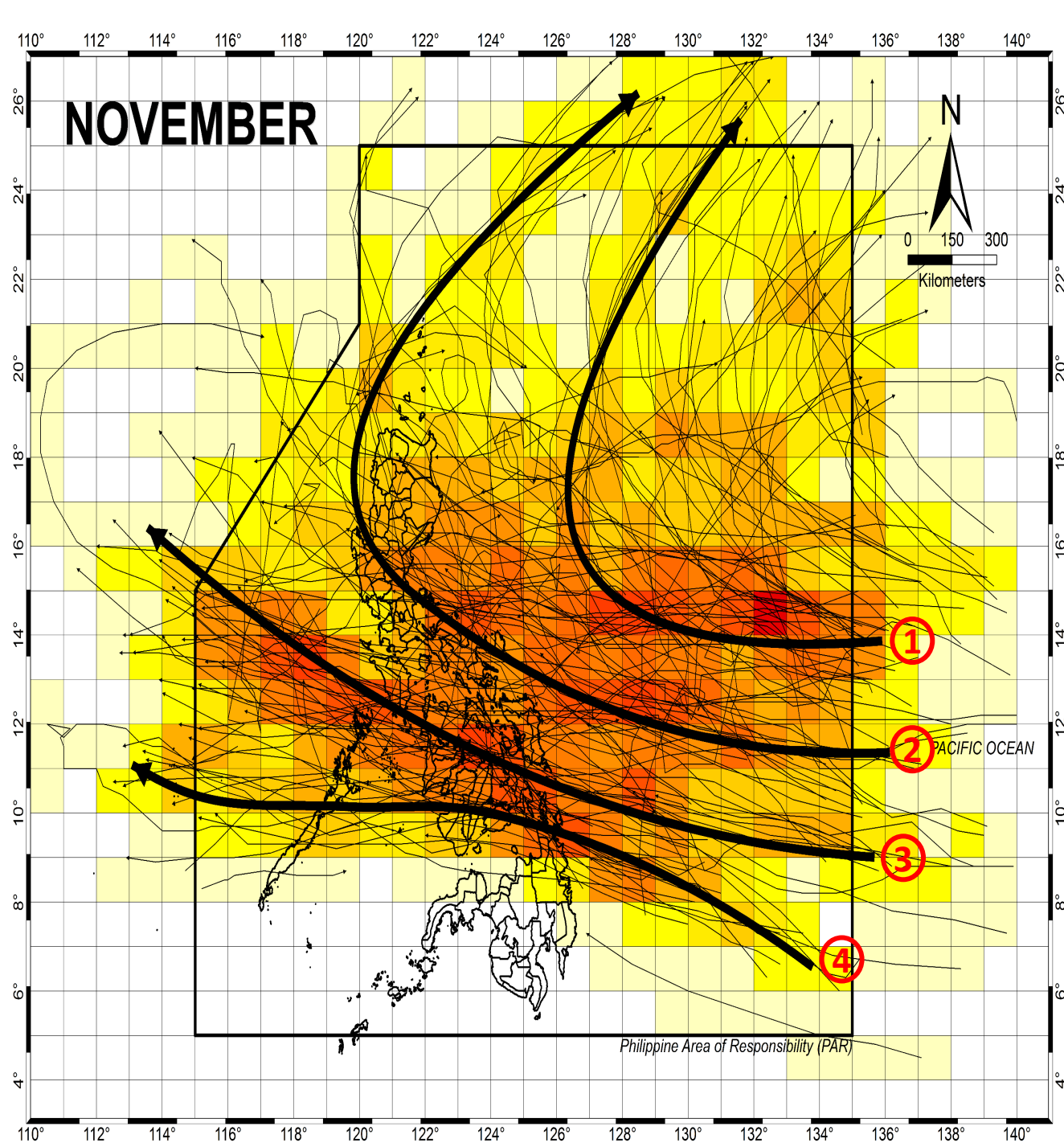
Low

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



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

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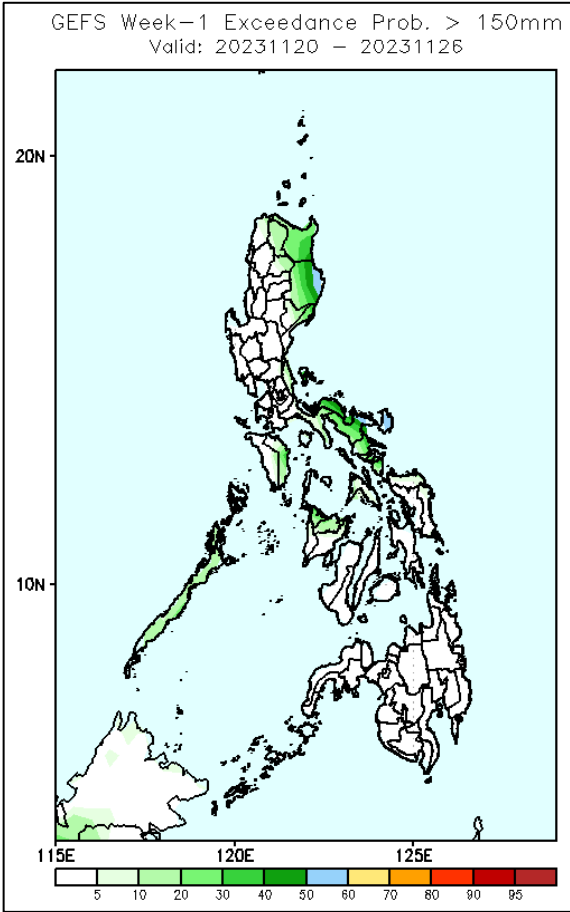
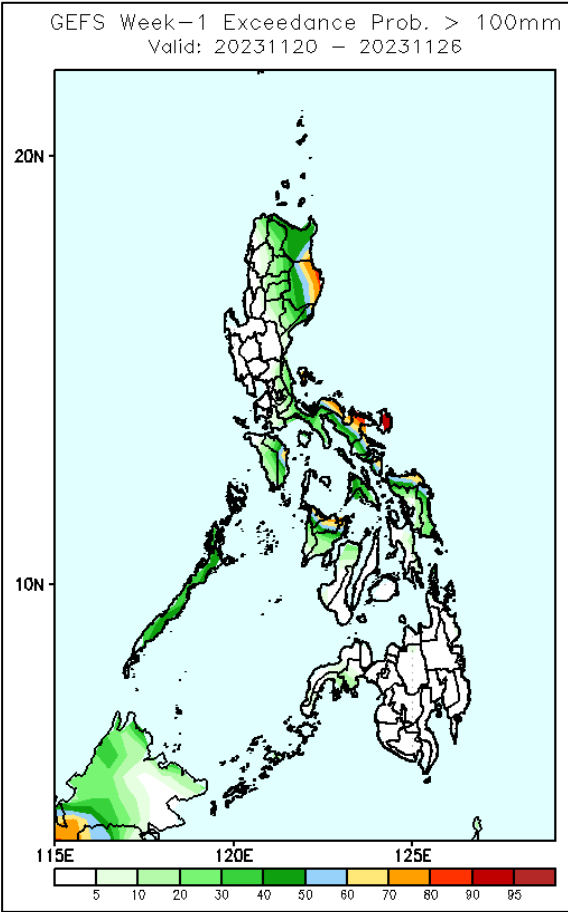
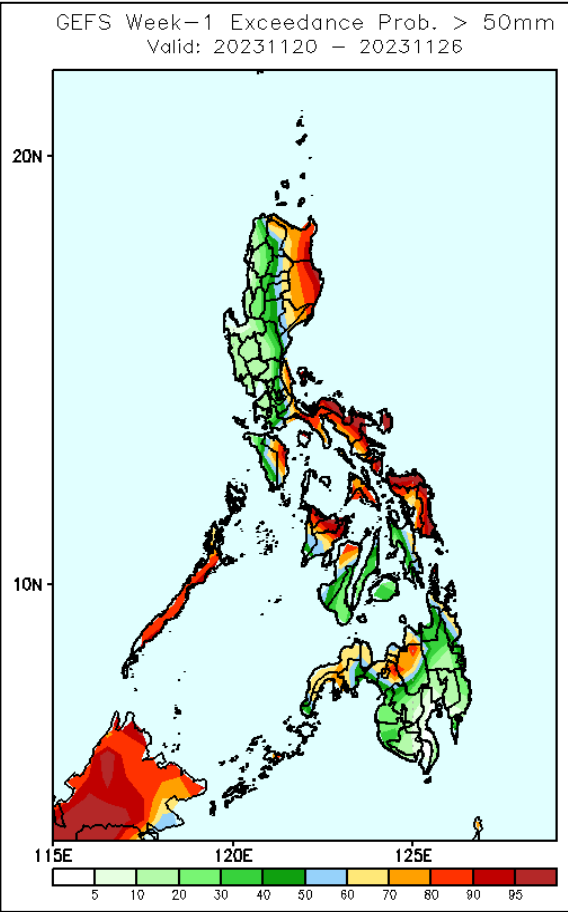
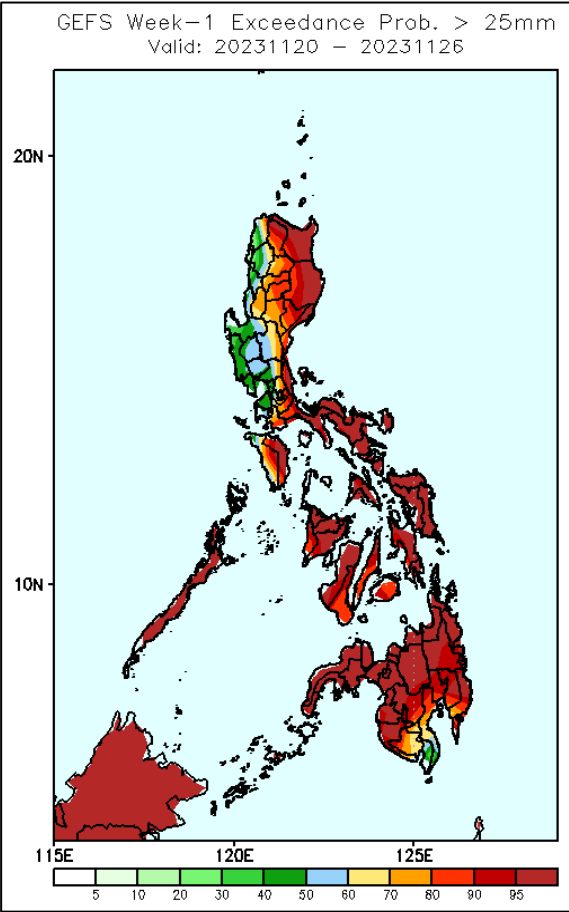
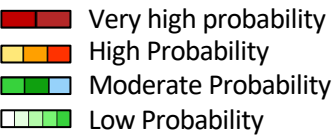
## Tropical Cyclone Climatological Tracks for November in the Philippine Area of Responsibility (PAR)

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

1. TCs formed in the western Pacific entering the Philippine Area of Responsibility(PAR); recurving towards the northeastern part of PAR (non-landfalling), and then moving toward Japan or Korea.
2. Landfalling TCs traversing Southern to Northern or Central Luzon; then recurving toward Japan or Korea after exiting the landmass.
3. Landfalling TCs traversing Central Philippines; moving toward Vietnam.
4. Landfalling TCs traversing the southern Visayas; moving toward Thailand.

# WEEK - 1: RAINFALL EXCEEDANCE PROBABILITY FORECAST

## November 20 – 26, 2023



- Probability to Exceed 25mm**
- High to very high over most parts of the country;
  - Moderate to high over Ilocos Region and the western part of central Luzon.

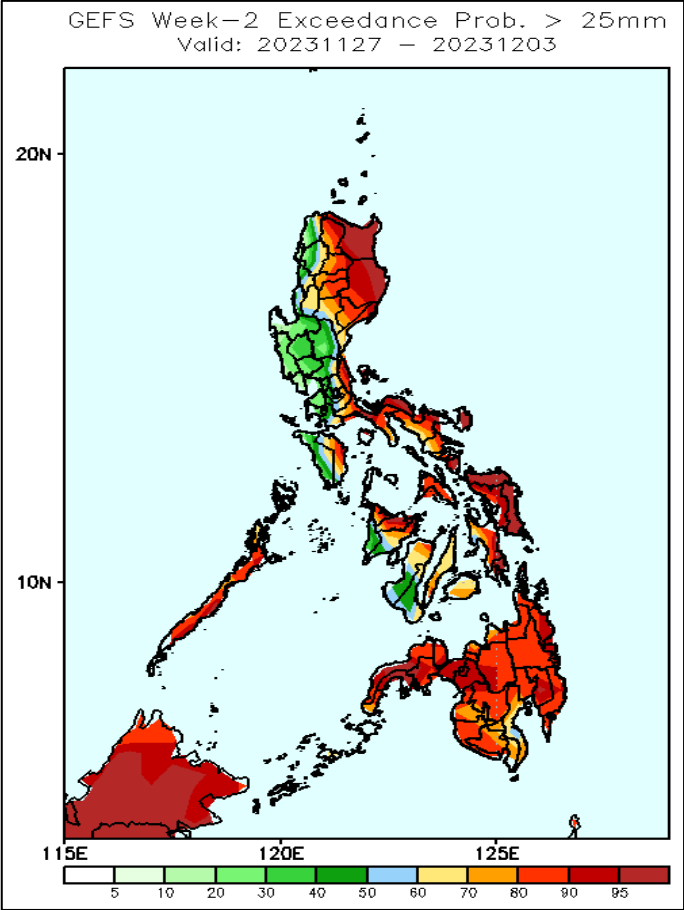
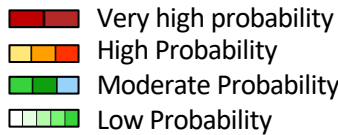
- Probability to Exceed 50mm**
- High to very high over Bicol Region and Samar provinces;
  - Moderate to high over the eastern part of Luzon, Western Visayas, Palawan, Northern Mindanao and Zamboanga Peninsula;
  - Low to moderate over the rest of the country.

- Probability to Exceed 100mm**
- Moderate to high over the eastern portion of Isabela, Bicol Region, Northern Samar, Aklan, Capiz and Palawan;
  - Low elsewhere.

- Probability to Exceed 150mm**
- Low to moderate over the eastern portion of Isabela and Catanduanes;
  - Low elsewhere.

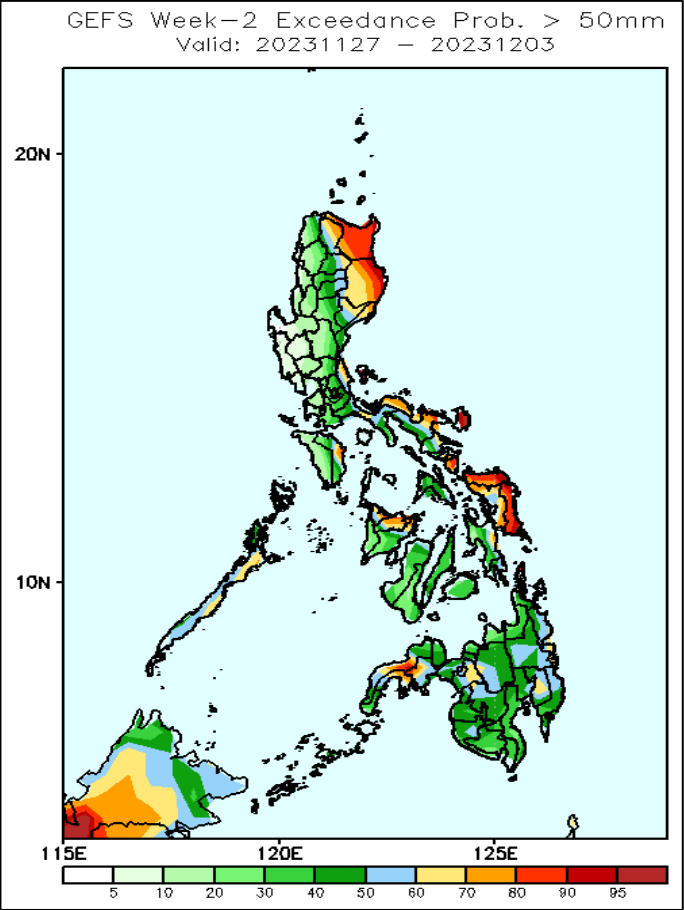
# WEEK - 2: RAINFALL EXCEEDANCE PROBABILITY FORECAST

## November 27 – December 03, 2023



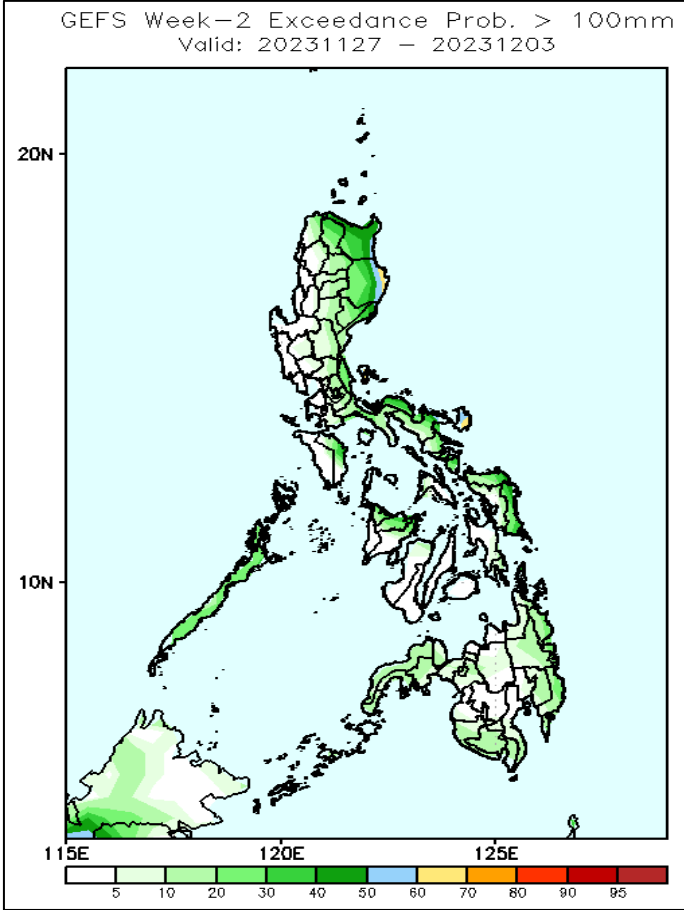
### Probability to Exceed 25mm

- High to very high over most parts of CAR, Eastern Luzon, Bicol Region, Eastern Visayas and most of Mindanao
- Moderate to high over the rest of the country.



### Probability to Exceed 50mm

- Moderate to high over Eastern Luzon, Bicol Region, Oriental Mindoro, Palawan, Eastern Visayas, Aklan, Capiz, and most of Mindanao;
- Low to moderate elsewhere.



### Probability to Exceed 100mm

- Low to moderate over the eastern part of Luzon, Samar provinces, Aklan and Capiz;
- Low over the rest of the country.