

# Sub-seasonal to seasonal (S2S) Forecast (November 10–23, 2023)

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

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Checked by: JGR

# Tropical Cyclone (TC)-Threat Potential

Initialization: 09 November (8 AM)

Date Issued: 10 November 2023

Validity: Valid within the forecast period, unless superseded by succeeding forecast.

## Forecast Summary:

### Week-1 (November 10 – 16, 2023)

- Forecast suggests that TC-like vortices(TCLVs) will emerge within and outside the PMD.
- TCLV1 in the TCID has a moderate to high probability of TC development and will likely enter the PAR.
- TCLV2 will likely form outside the PMD and has a low to moderate likelihood of TC development.

### Week-2 (November 17 - 23, 2023)

- TCLV1, still with a moderate to high likelihood of TC formation is forecasted to traverse the Philippine landmass before exiting the PAR.
- Moreover, TCLV2 with a low to moderate likelihood of TC formation will likely enter the PAR.

○ Therefore, the **TC-THREAT POTENTIAL IS LIKELY** during 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 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

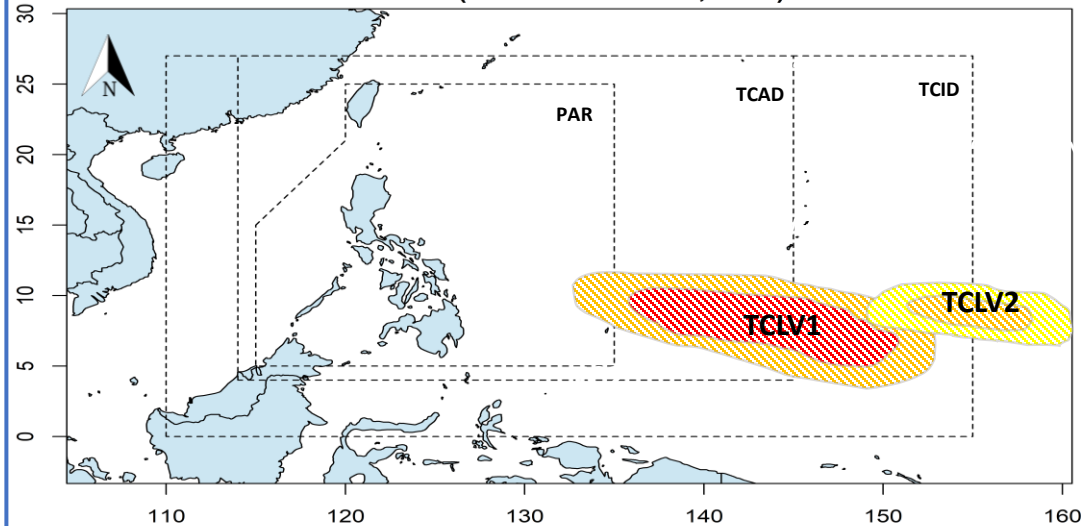
TCAD: Tropical Cyclone Advisory Domain  
TCID: Tropical Cyclone Information Domain



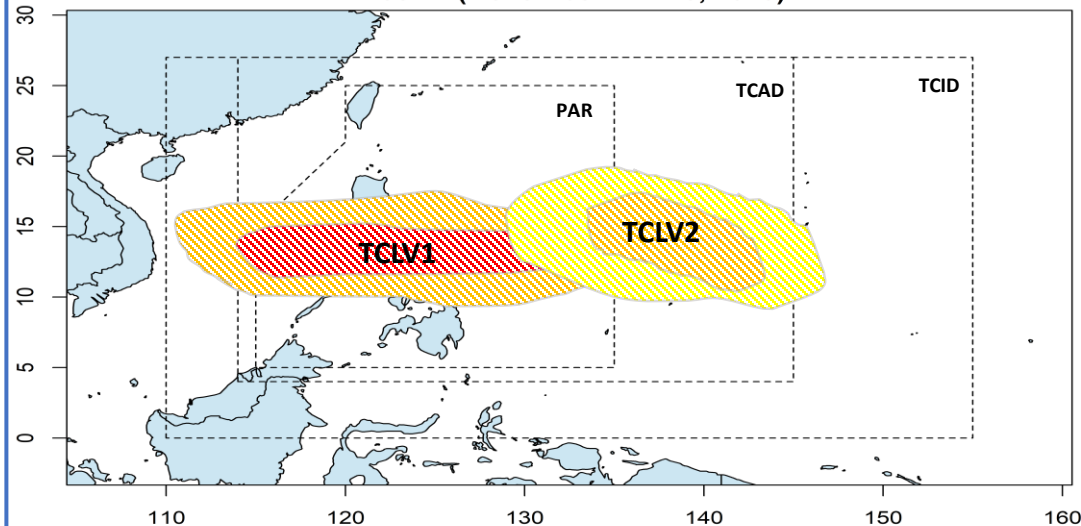
Philippine Atmospheric, Geophysical, and Astronomical Services Administration (PAGASA)

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Week 1 (November 10 - 16, 2023)



Week 2 (November 17 - 23, 2023)



## Likelihood of TC Formation



Active TC



High

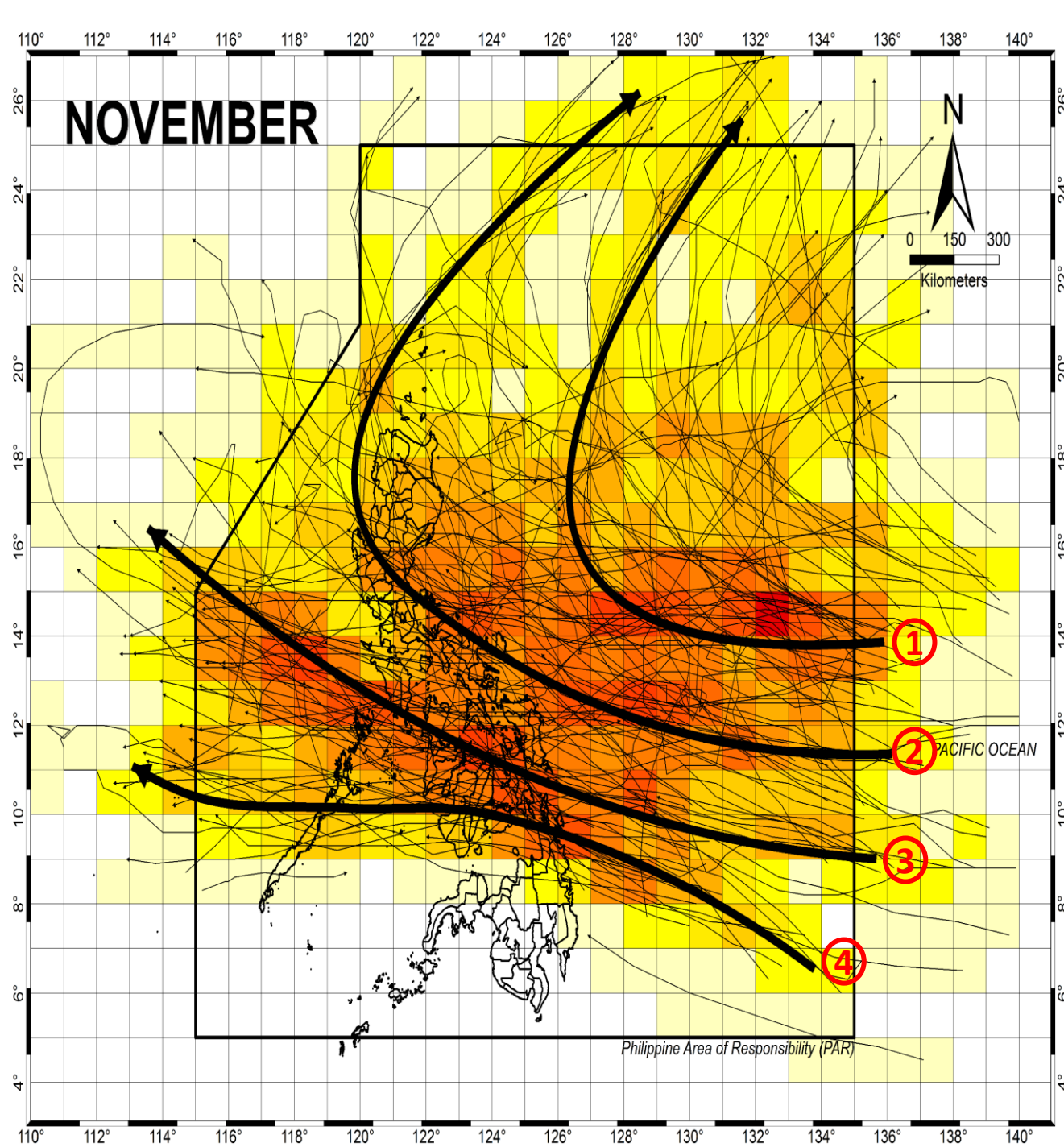


Moderate



Low

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



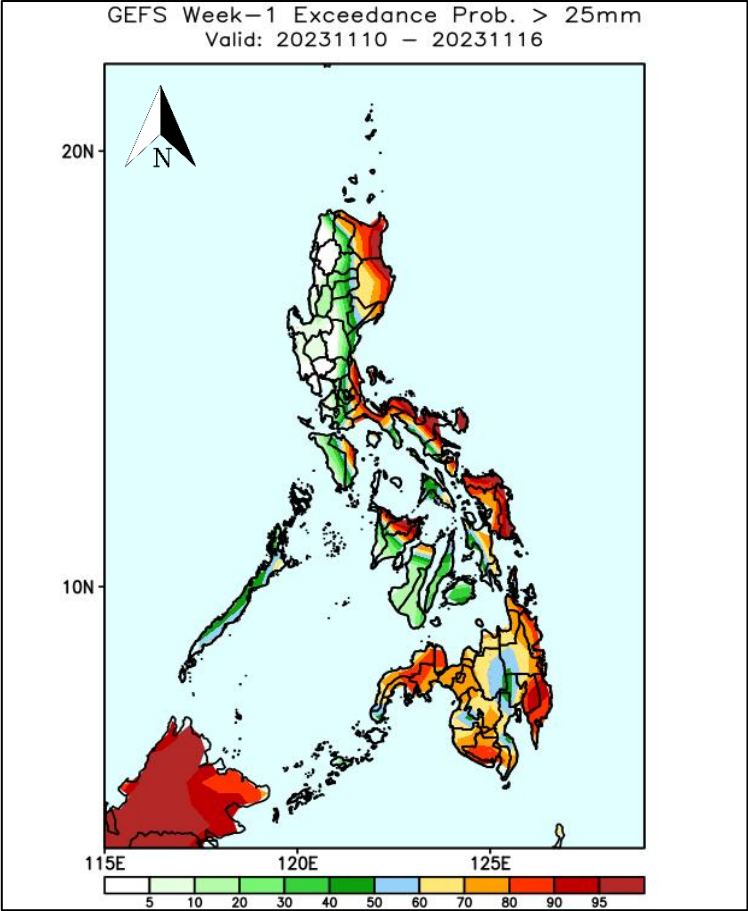
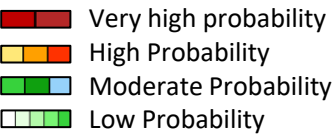
## Tropical Cyclone Climatological Tracks for November in the Philippine Area of Responsibility (PAR)

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.

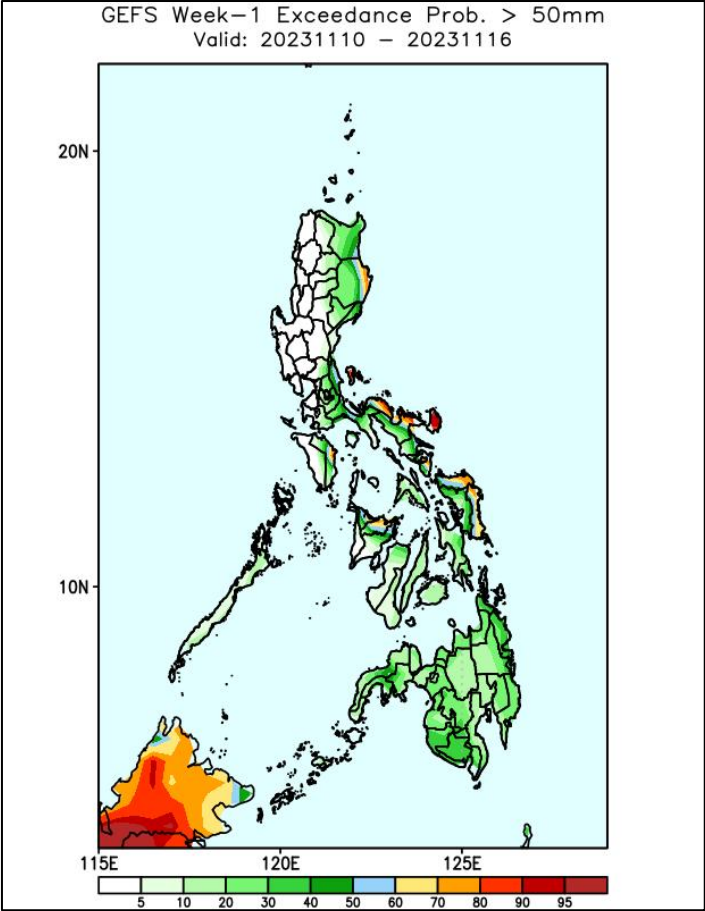
# WEEK - 1: RAINFALL EXCEEDANCE PROBABILITY FORECAST

## November 10 – 16, 2023



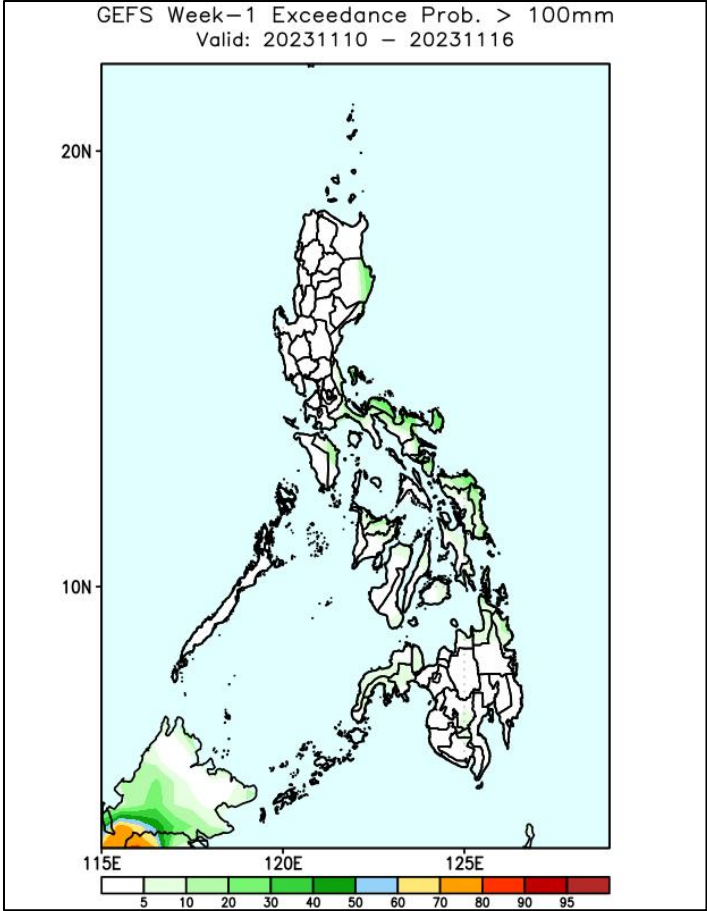
### Probability to Exceed 25mm

- High to very high over Samar provinces, Camarines Norte and Catanduanes;
- Moderate to high in most parts of Eastern Luzon, the rest of Bicol region, Oriental Mindoro, Leyte provinces, northern part of Western Visayas, and most of Mindanao;
- Low to moderate over the rest of the country.



### Probability to Exceed 50mm

- Moderate to high in the eastern section of Isabela, Camarines Norte, northern part of Camarines Sur, Sorsogon, Oriental Mindoro, Samar provinces, and Capiz;
- Low to moderate over the rest of the country.



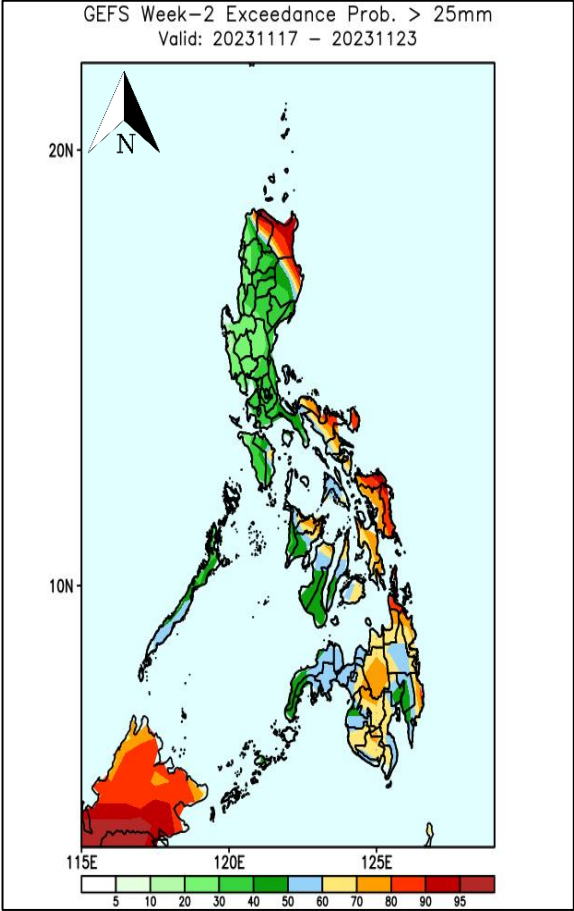
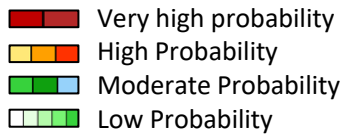
### Probability to Exceed 100mm

- Low across the country.



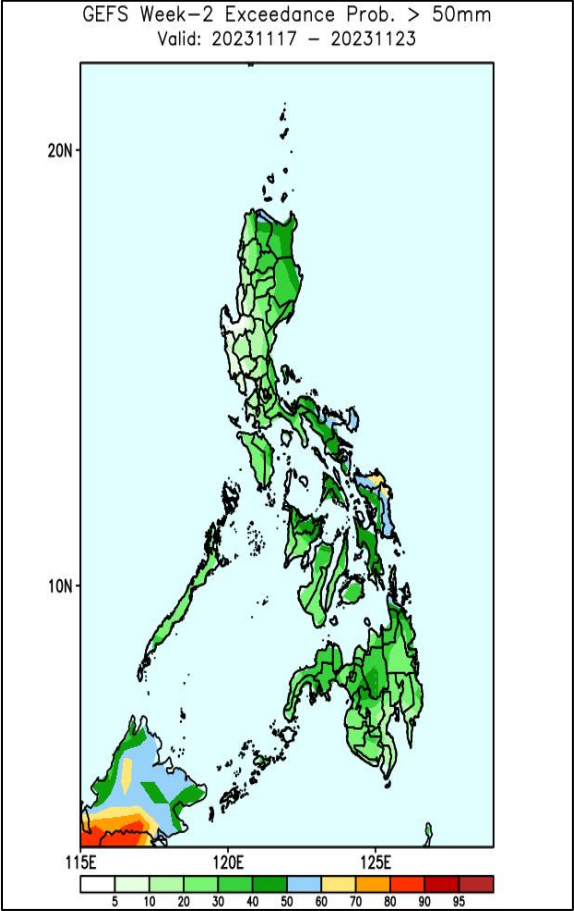
# WEEK - 2: RAINFALL EXCEEDANCE PROBABILITY FORECAST

## November 17 - 23, 2023



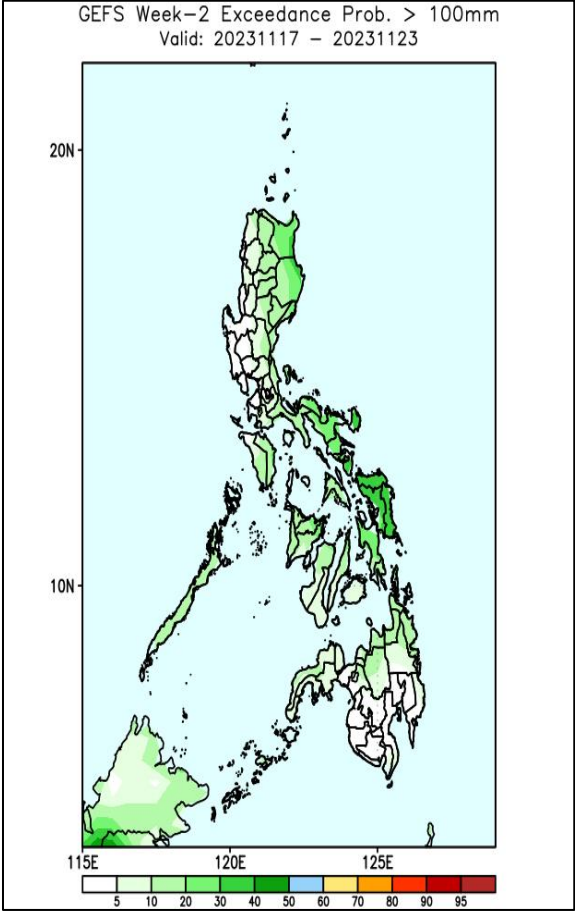
### Probability to Exceed 25mm

- High to very high over most parts of northeastern Luzon;
- Moderate to high over the rest of the country.



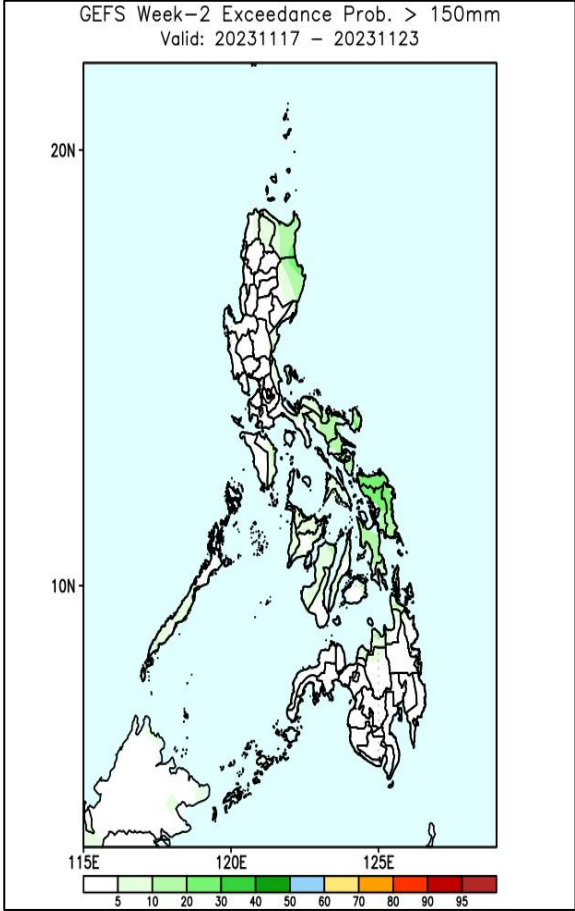
### Probability to Exceed 50mm

- Moderate to high over Western Visayas;
- Low to moderate over Bicol Region;
- Low elsewhere.



### Probability to Exceed 100mm

- Low to moderate over Bicol Region and Samar provinces;
- Low elsewhere.



### Probability to Exceed 150mm

- Low across the country.