

Sub-seasonal to seasonal (S2S) Forecast (November 08–21, 2023)

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

Prepared by: JHF/JMA

Checked by: RGA

Tropical Cyclone (TC)-Threat Potential

Initialization: 07 November (8 AM)

Date Issued: 08 November 2023

Validity: Valid within the forecast period, unless superseded by succeeding forecast.

Forecast Summary:

Week-1 (November 08 – 14, 2023)

- Forecast suggests that TC-like vortex (TCLV1) will emerge between the eastern boundaries of TCAD and TCID with a moderate to high probability of TC development.
- TCLV1 is forecasted to enter the PAR.

Week-2 (November 15 - 21, 2023)

- TCLV1, still with a moderate to high likelihood of TC formation is forecasted to move westerly towards the Philippine landmass before exiting 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.

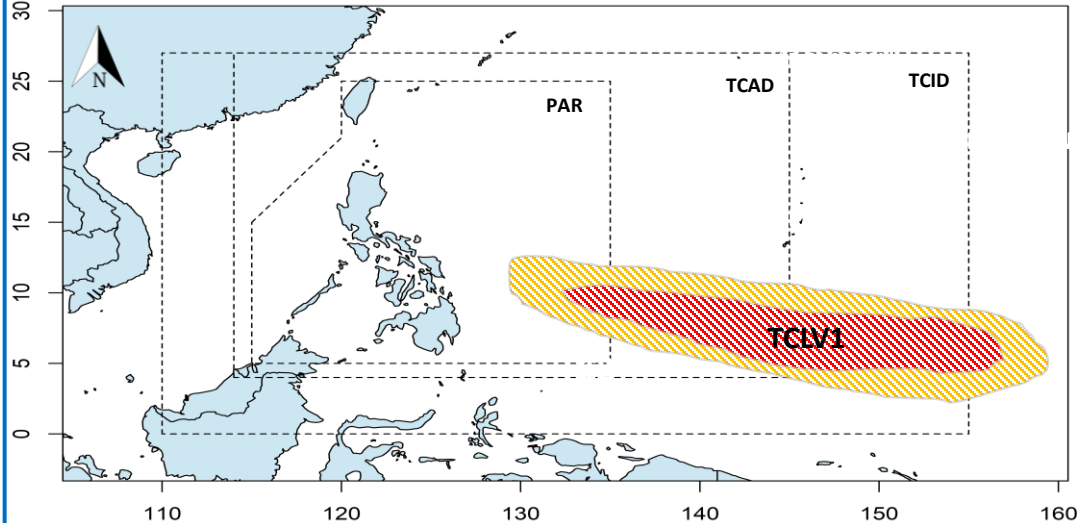
Note: The information contained here is based on the 6-hourly forecasts of the NCEP-GEFS issued in the past 24 hours where the Central Weather Bureau (CWB) TC Tracking algorithm was applied. This product was part of the collaboration between PAGASA and CWB through the MECO/TECO VOTE Project. This is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

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

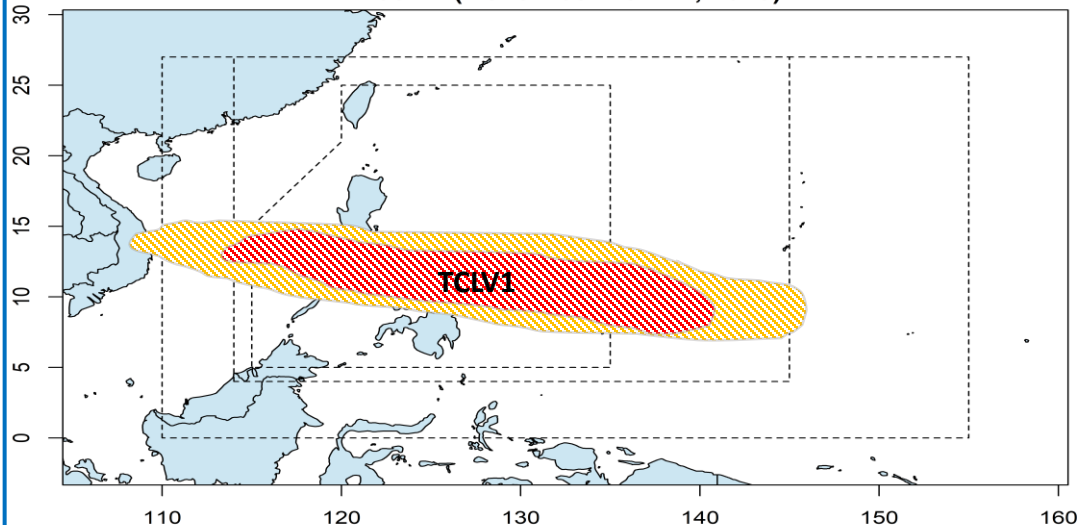
PMD: PAGASA Monitoring Domain
PAR: Philippine Area of Responsibility

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

Week 1 (November 08 – 14, 2023)



Week 2 (November 15 - 21, 2023)



Likelihood of TC Formation



Active TC



High



Moderate



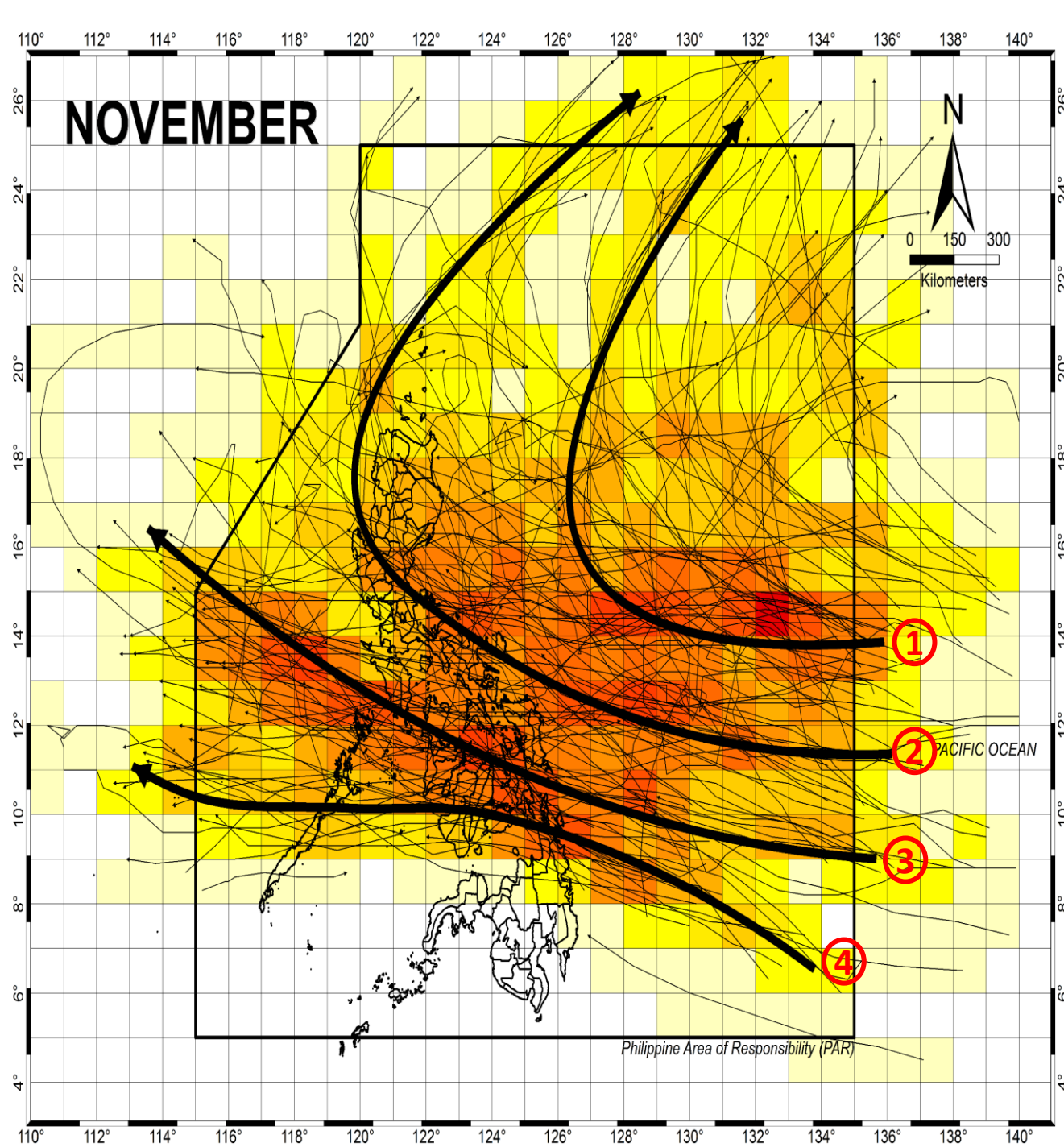
Low

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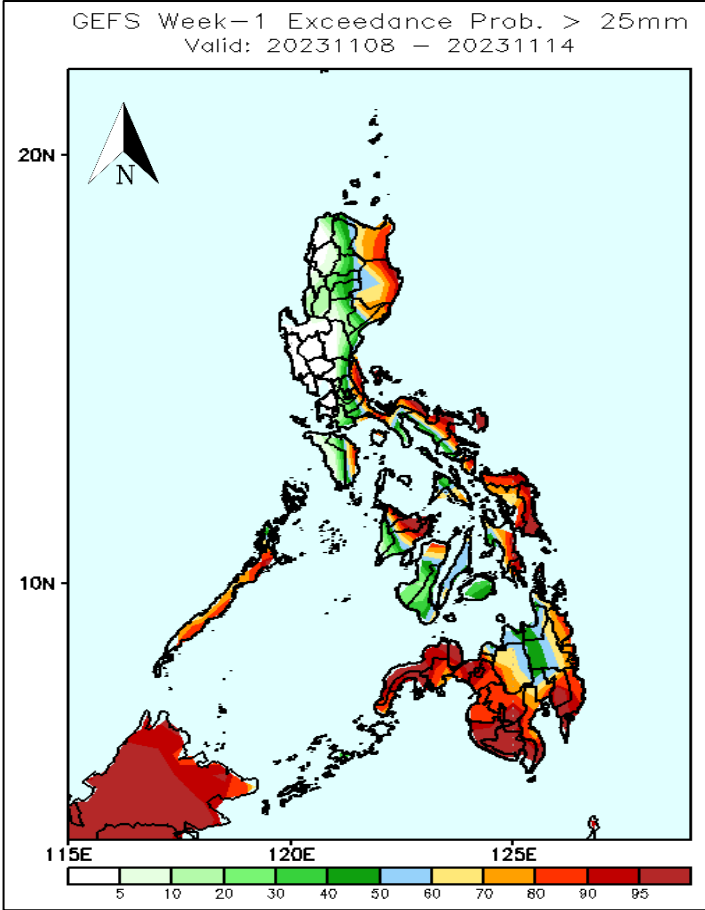
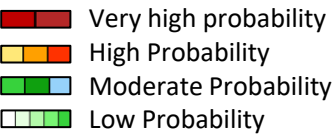
Tropical Cyclone Climatological Tracks for November in the Philippine Area of Responsibility (PAR)

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

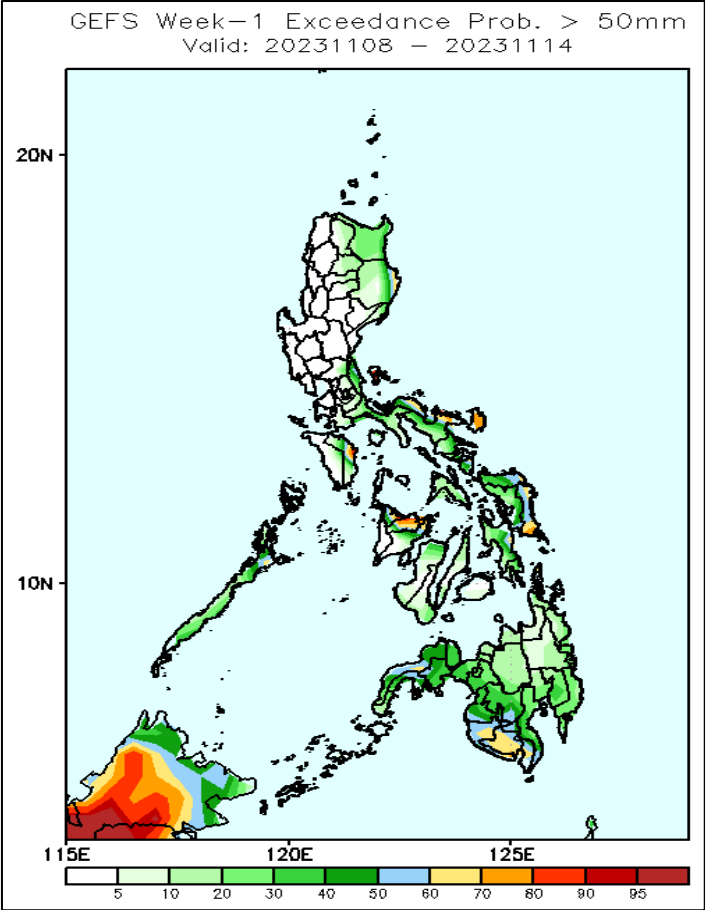
1. TCs formed in the western Pacific entering the Philippine Area of Responsibility(PAR); recurving towards the northeastern part of PAR (non-landfalling), and then moving toward Japan or Korea.
2. Landfalling TCs traversing Southern to Northern or Central Luzon; then recurving toward Japan or Korea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

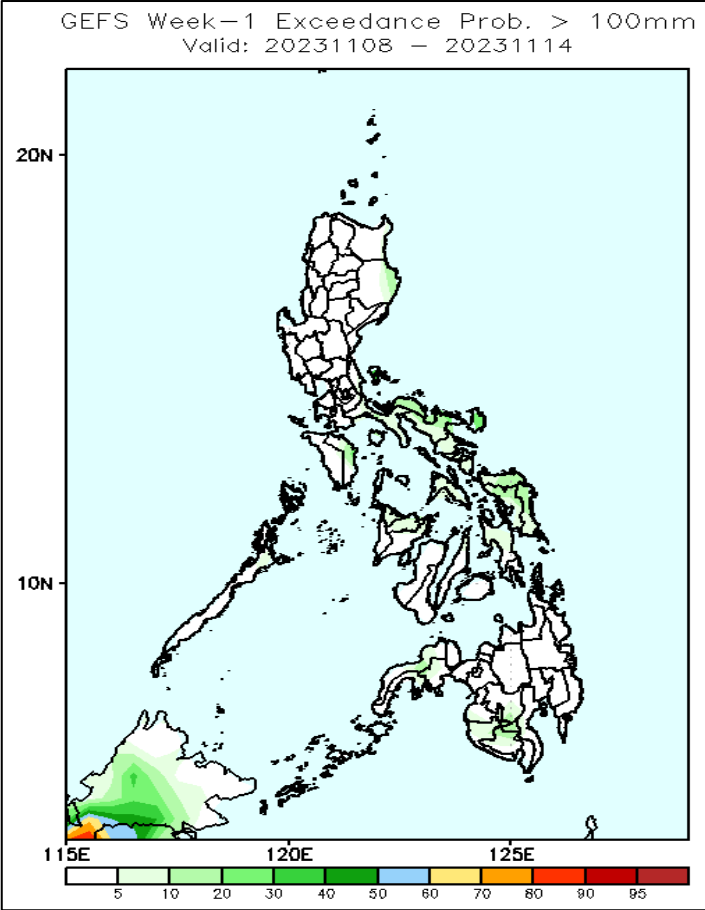
November 08 – 14, 2023



- Probability to Exceed 25mm**
- High to very high over Samar provinces and most parts of Mindanao;
 - Moderate to high in most parts of Eastern Luzon, Bicol region, Oriental Mindoro, Palawan and most parts of Visayas;
 - Low over the rest of Luzon.



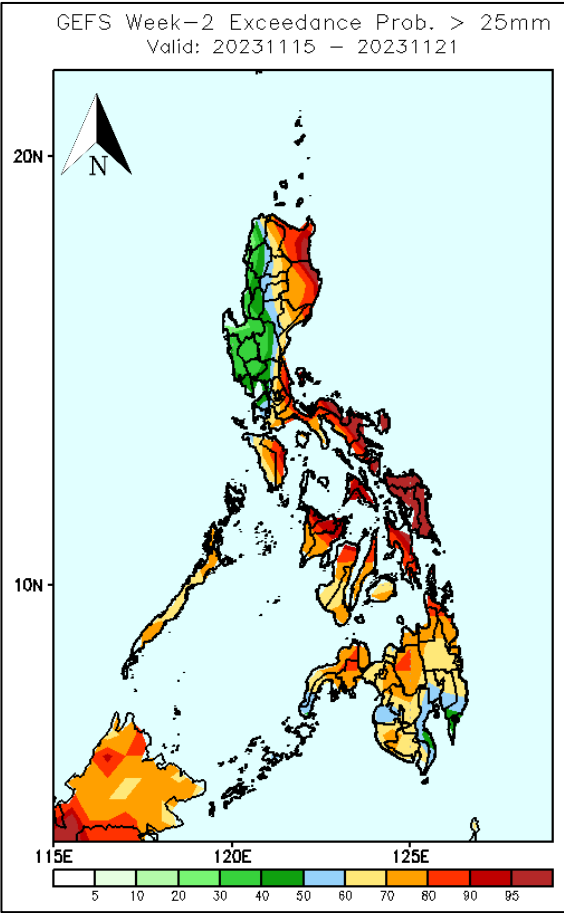
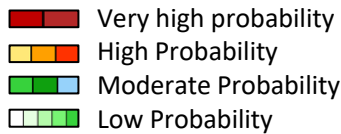
- Probability to Exceed 50mm**
- Moderate to high over some parts of Bicol region, Samar provinces, Western Mindanao and Zamboanga peninsula;
 - Low to moderate over the rest of the country.



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

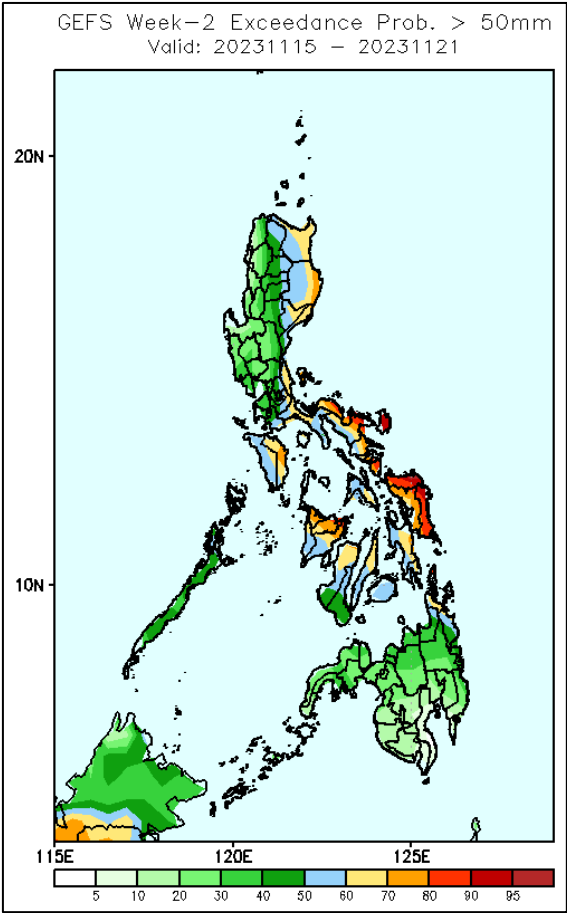
WEEK - 2: RAINFALL EXCEEDANCE PROBABILITY FORECAST

November 15 - 21, 2023



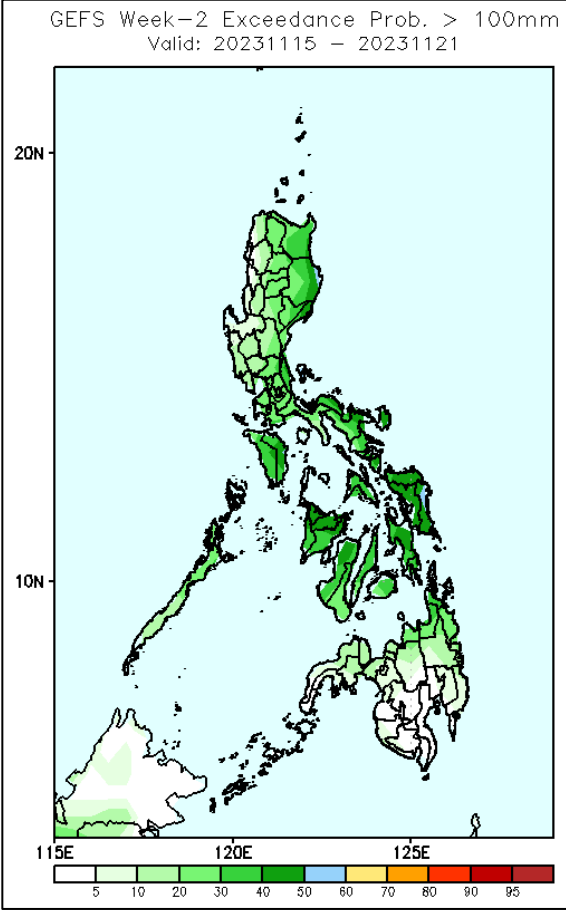
Probability to Exceed 25mm

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



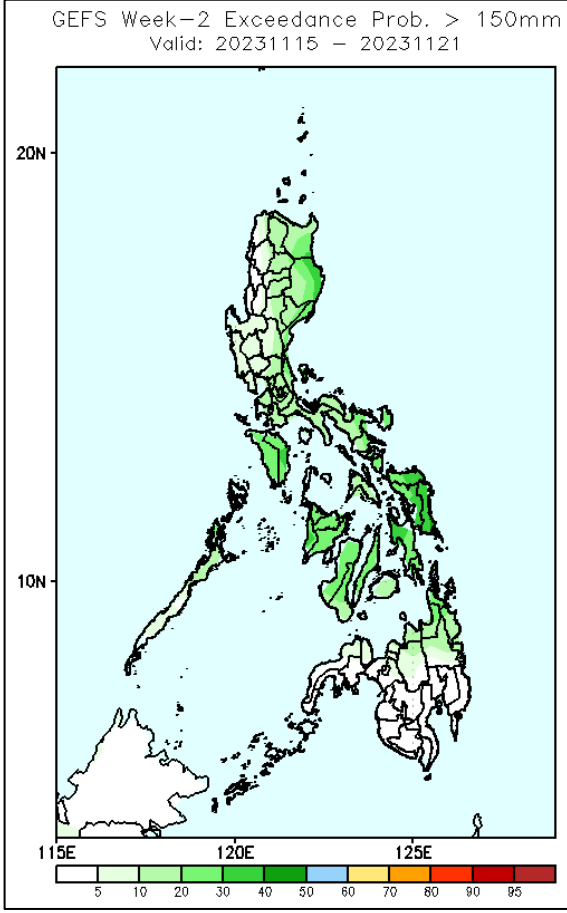
Probability to Exceed 50mm

- Moderate to high in some areas of Eastern Luzon, most of Bicol region, Oriental Mindoro and most parts of Visayas.
- Low to moderate over the rest of the country.



Probability to Exceed 100mm

- Moderate to high over Bicol Region.
- Low to moderate elsewhere.



Probability to Exceed 150mm

- Low to moderate over Bicol region and Eastern Visayas.
- Low elsewhere.