

Sub-seasonal to seasonal (S2S) Forecast

(January 17 - 30, 2024)

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

Prepared by: JMA

Checked by: JHF

Tropical Cyclone (TC)-Threat Potential

Initialization: 16 January (8 AM)

Date Issued: 17 January 2024

Validity: Valid within the forecast period, unless superseded by succeeding forecast.

Forecast Summary:

Week-1 (January 17 - 23, 2024)

- Model predicts that a TC-like vortex (TCLV) will likely emerge near the southeastern portion of the PAR with a low likelihood of TC-genesis.

Week-2 (January 24 - 30, 2024)

- Forecast suggests that the TCLV, still with a low likelihood of TC formation, will enter the PAR and is expected to dissipate within the period.

- 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.

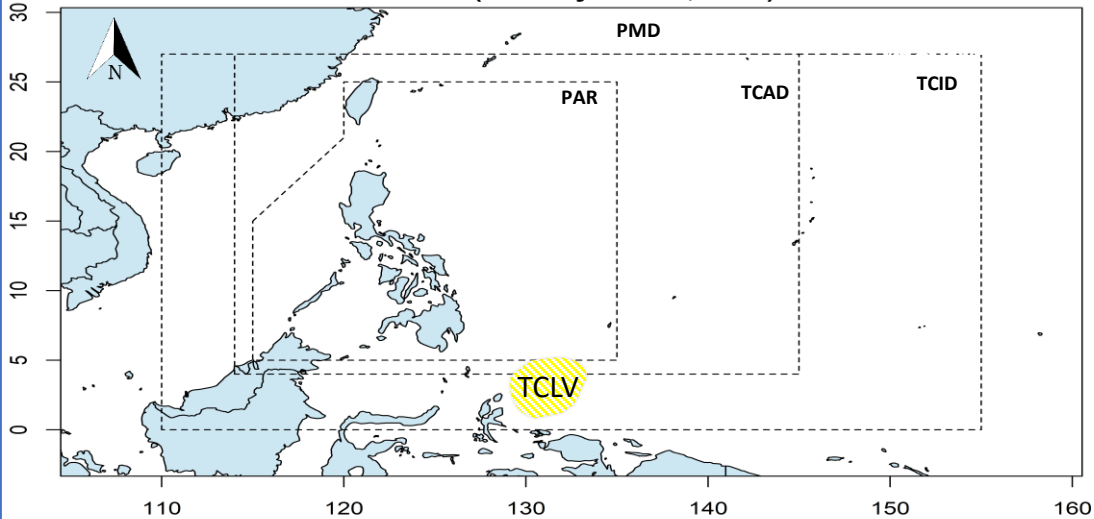
Note: The information contained here is based on the 6-hourly forecasts of the NCEP-GEFS issued in the past 24 hours where the Central Weather Administration (CWA) TC Tracking algorithm was applied. This product was part of the collaboration between PAGASA and CWA through the MECO/TECO VOTE Project.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

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

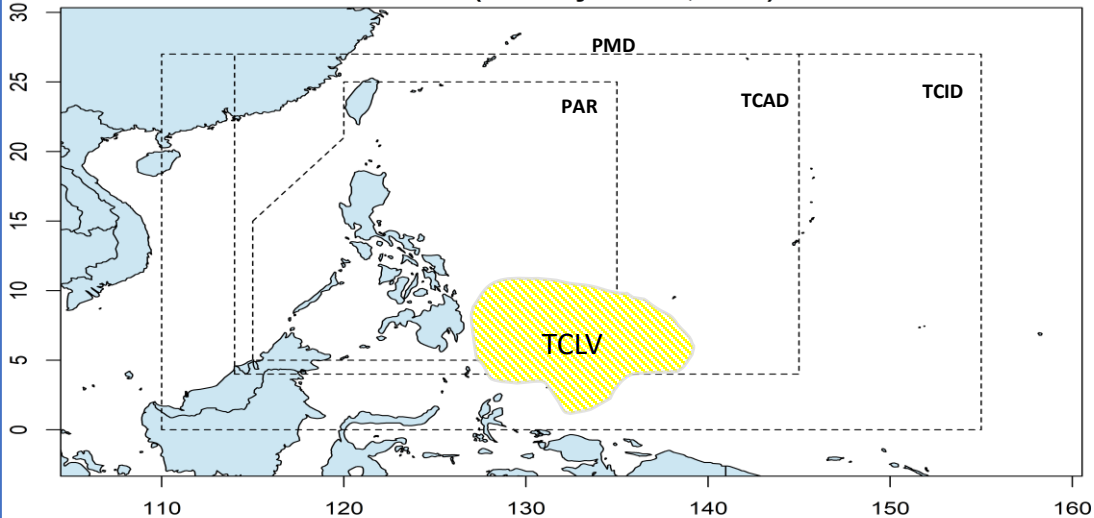
PMD: PAGASA Monitoring Domain
PAR: Philippine Area of Responsibility

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

Week 1 (January 17 - 23, 2024)



Week 2 (January 24 - 30, 2024)



Likelihood of TC Formation



Active TC



High



Moderate



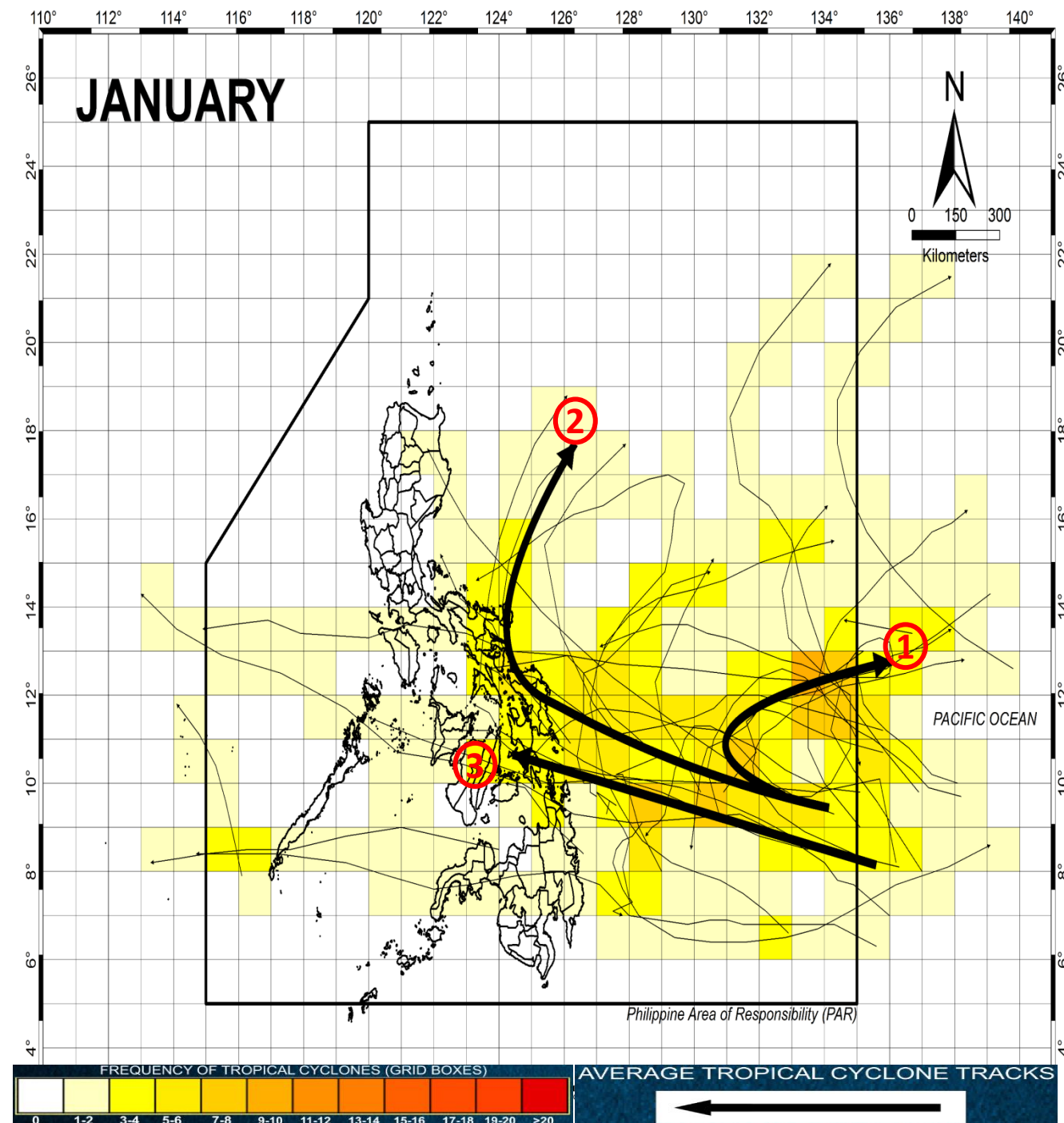
Low

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)

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



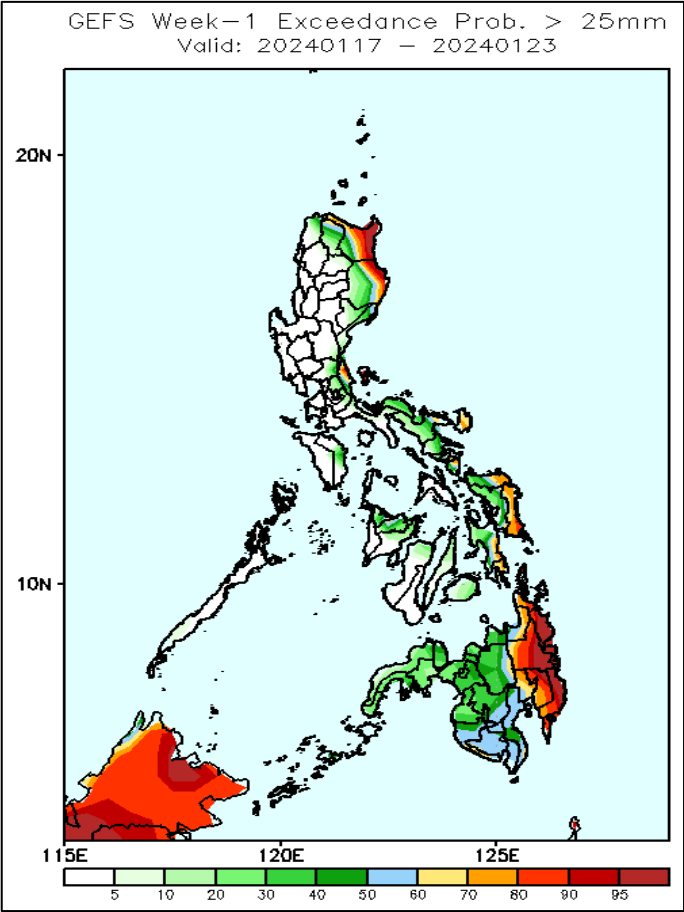
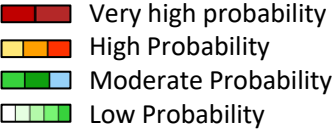
Tropical Cyclone Climatological Tracks for January in the Philippine Area of Responsibility (PAR)

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.

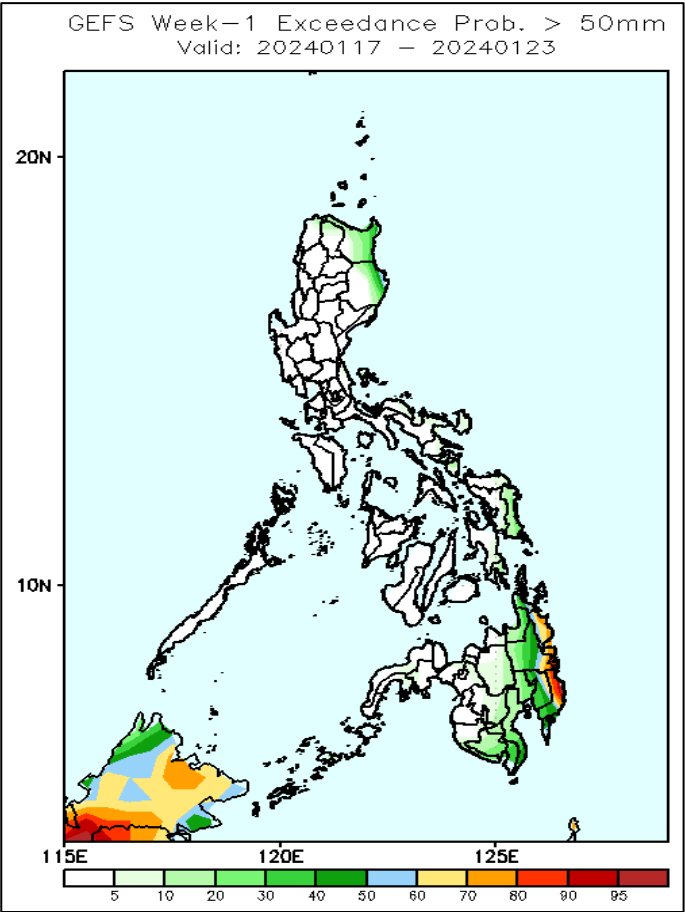
WEEK - 1: RAINFALL EXCEEDANCE PROBABILITY FORECAST

January 17 - 23, 2024



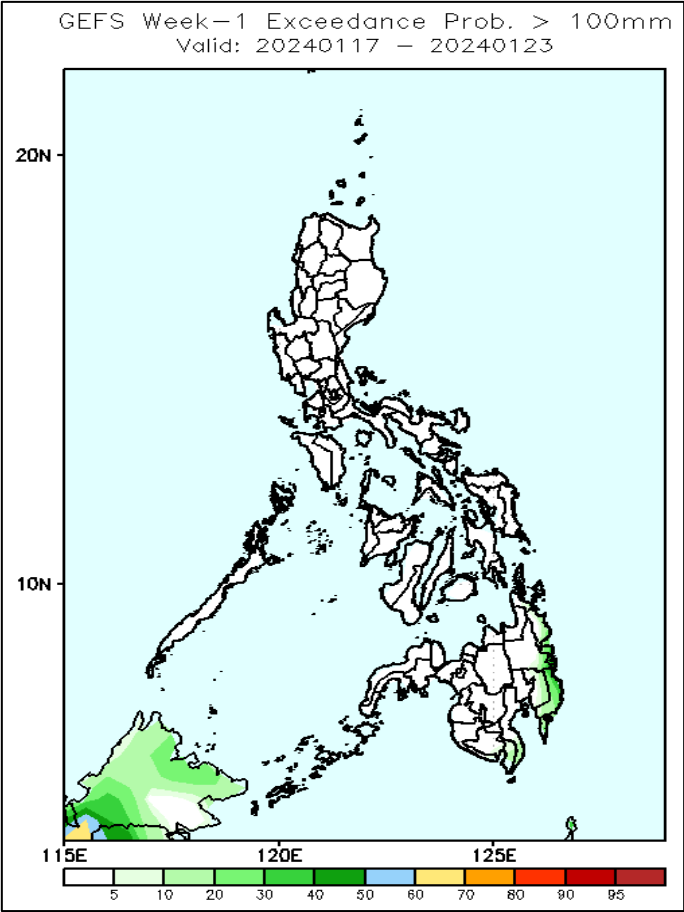
Probability to Exceed 25mm

- High to very high over the eastern portions of Isabela, Cagayan, and eastern Mindanao;
- Moderate to high over the Bicol region, the rest of Cagayan and Isabela, Aurora, Quezon, Aklan, Capiz, Eastern Visayas, and the rest of Mindanao;
- Low to moderate over the rest of the country.



Probability to Exceed 50mm

- Moderate to high over Eastern Mindanao;
- Low to moderate over the eastern portions of Cagayan and Isabela, and the rest of Mindanao;
- Low over the rest of the country.

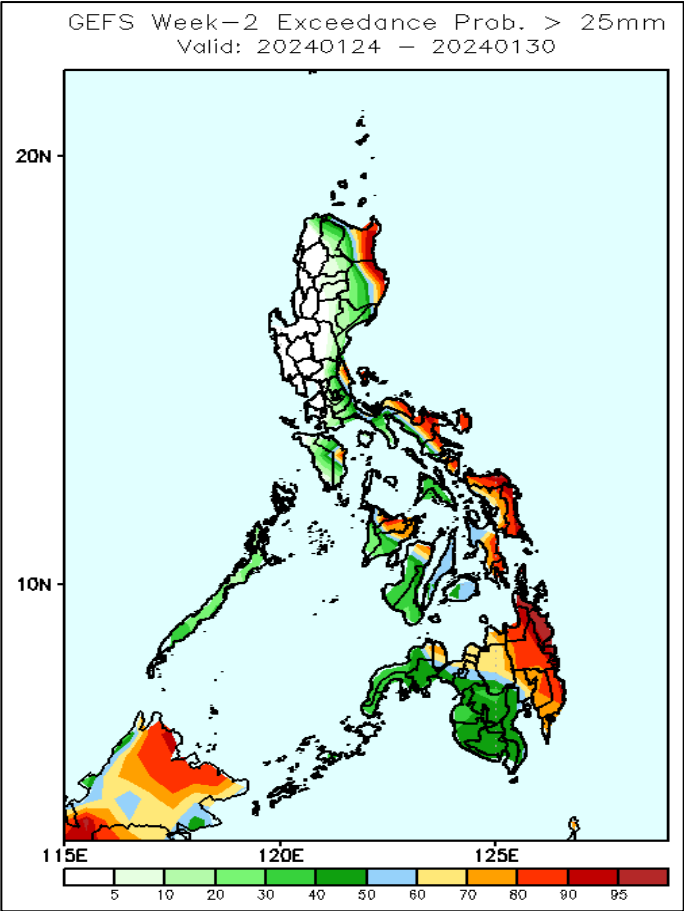
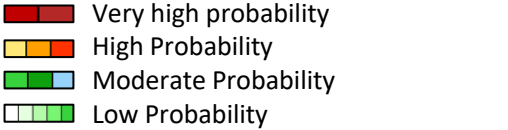


Probability to Exceed 100mm

- Low across the country.

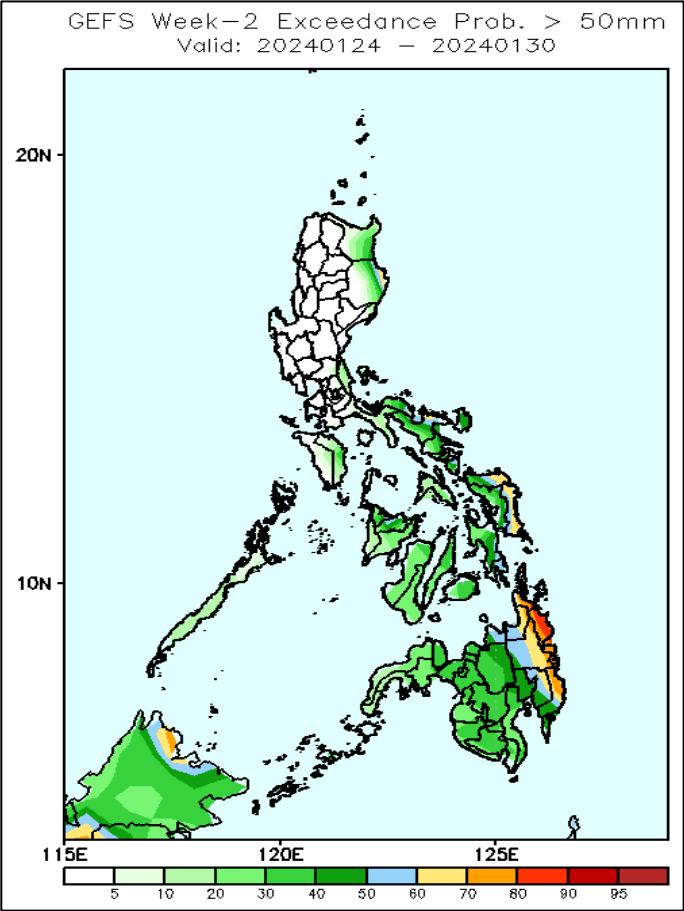
WEEK - 2: RAINFALL EXCEEDANCE PROBABILITY FORECAST

January 24 - 30, 2024



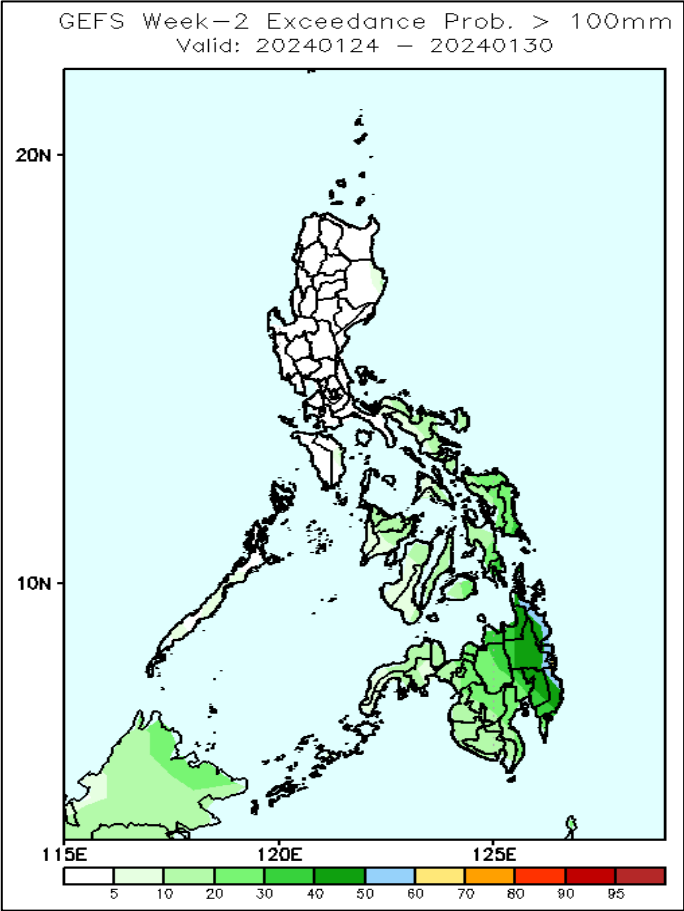
Probability to Exceed 25mm

- High to very high over the eastern portions of Cagayan, Isabela, and Bicol Region, Samar provinces, and eastern Mindanao;
- Moderate to high over the rest of Cagayan, Isabela, and Bicol Region, Quezon, Oriental Mindoro, and the rest of Visayas and Mindanao;
- Low to moderate over the rest of the country.



Probability to Exceed 50mm

- Moderate to high over eastern Isabela, Bicol Region, Samar provinces, and eastern Mindanao;
- Low to moderate over the rest of Visayas and Mindanao;
- Low over the rest of Luzon.



Probability to Exceed 100mm

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