

Sub-seasonal to seasonal (S2S) Forecast

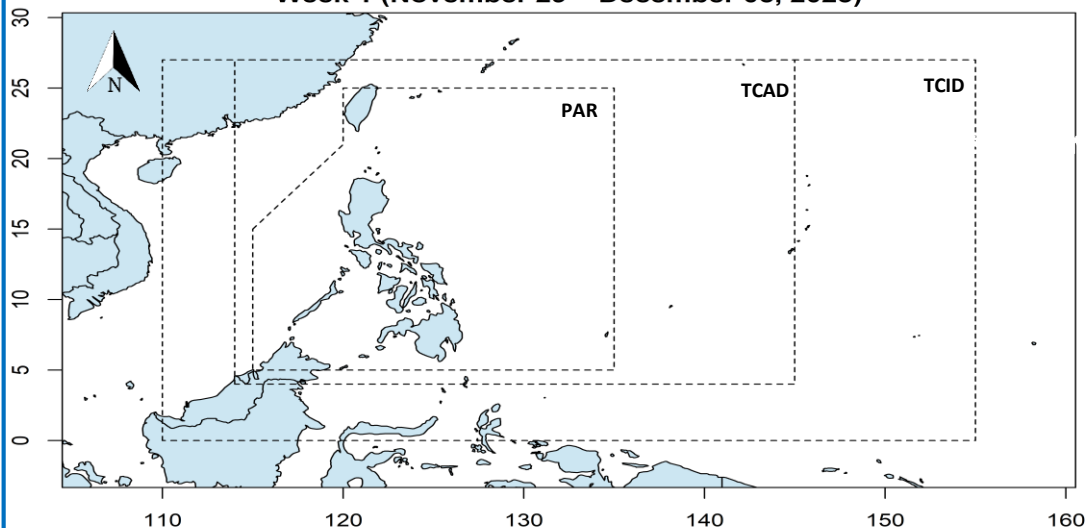
(November 29 - December 12, 2023)

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

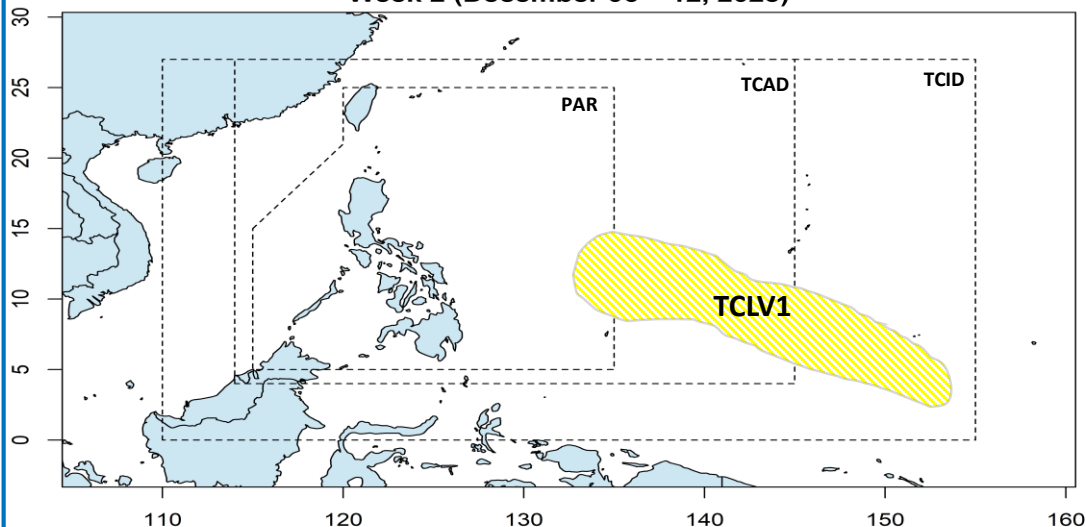
Prepared by: JHF/ JMA

Checked by: JGR

Week 1 (November 29 – December 05, 2023)



Week 2 (December 06 – 12, 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 (TC)-Threat Potential

Initialization: 28 November (8AM)

Date Issued: 29 November 2023

Validity: Valid within the forecast period, unless superseded by succeeding forecast.

Forecast Summary:

Week-1 (November 29 – December 05, 2023)

- Forecast indicates a low likelihood of TC-like vortex formation (TCLV) near or within the PMD in Week-1.

Week-2 (December 06 – 12, 2023)

- Forecast suggests that a TCLV (TCLV1) will likely emerge in the TCID with a low likelihood of TC formation in Week-2.

○ Therefore, the **TC-THREAT POTENTIAL IS UNLIKELY** 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. This is for guidance purposes only.

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

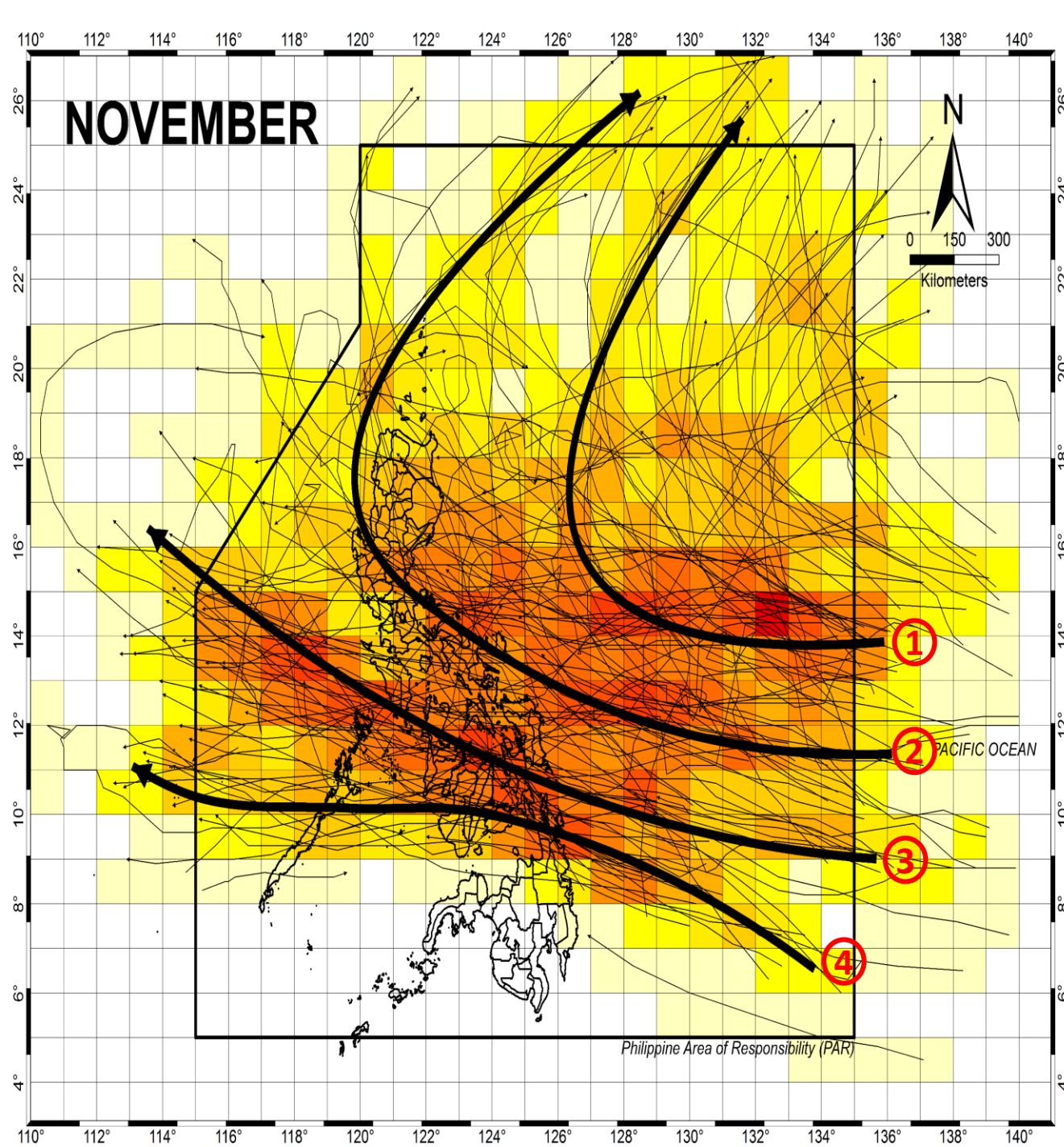
PMD: PAGASA Monitoring Domain
PAR: Philippine Area of Responsibility

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



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

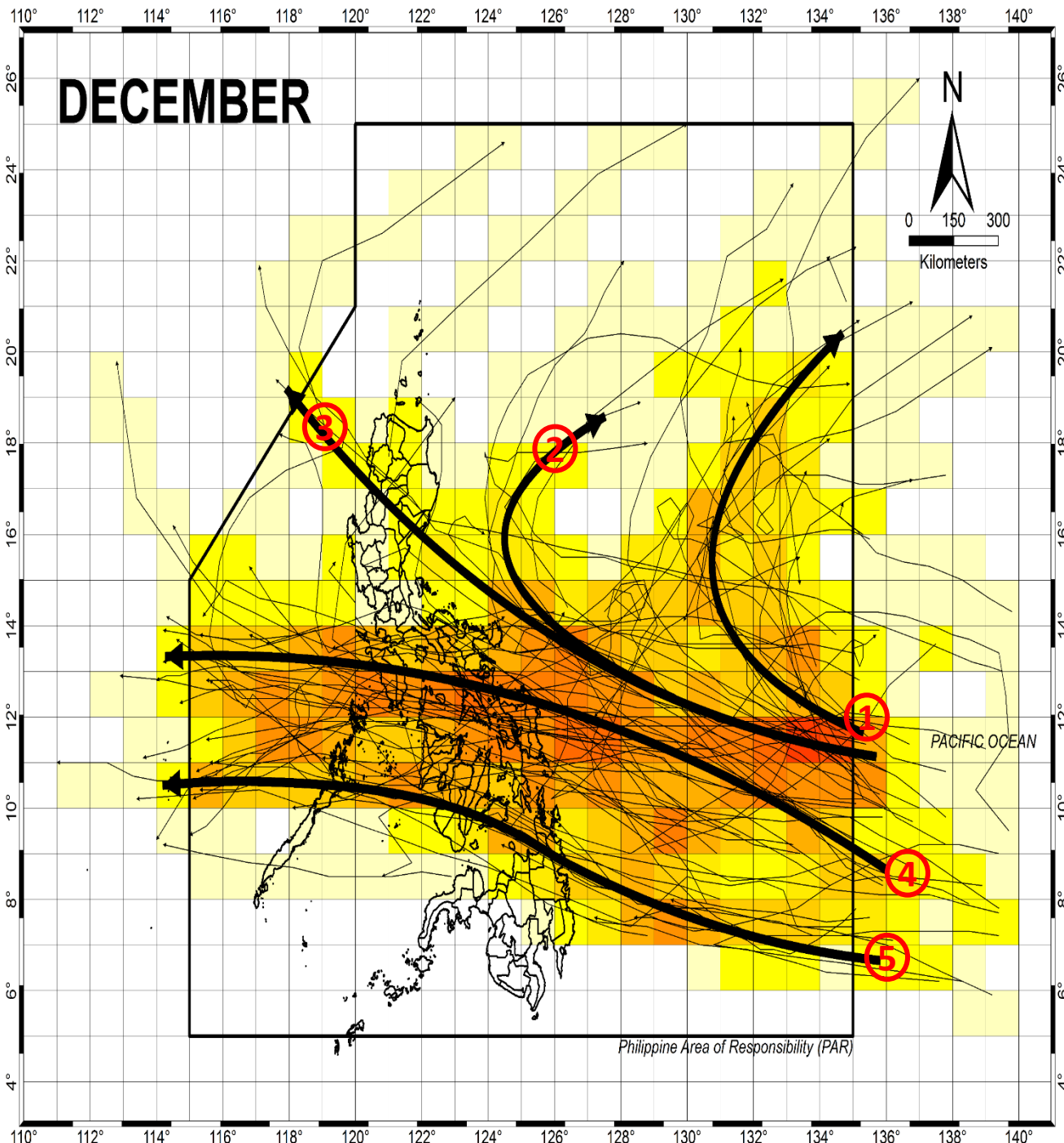
Prepared by: CAD-CLIMPS-Contact us @Tel no: (02)8284-0800 loc. 4920/4921 or Email: pagasa.climps@gmail.com



Tropical Cyclone Climatological Tracks for 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.



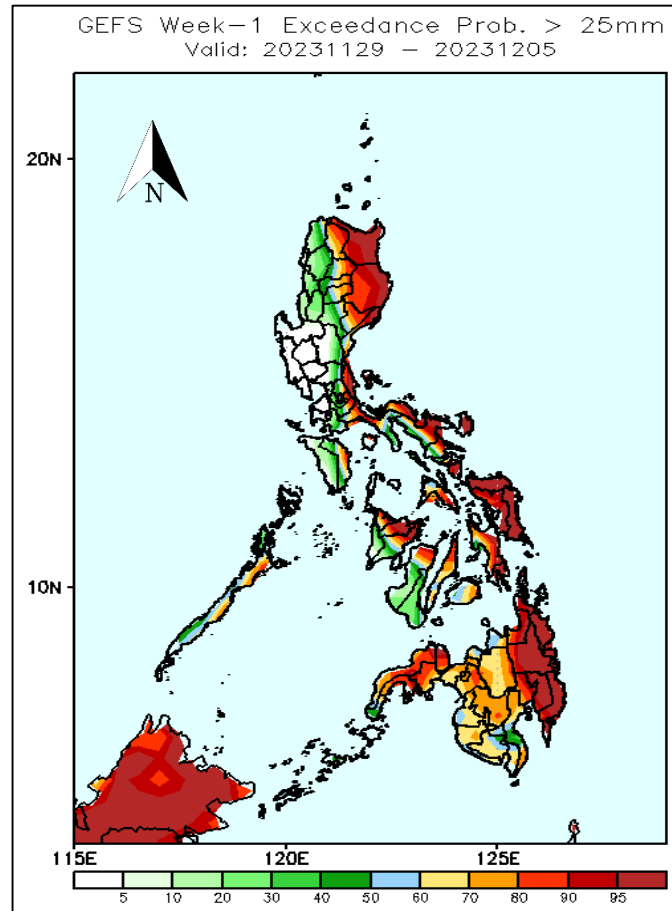
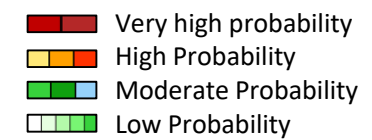
Tropical Cyclone Climatological Tracks for December in the Philippine Area of Responsibility (PAR)

Climatological tracks for the month of December suggest 5 most common tracks:

1. TCs formed in the western Pacific that entered the Philippine Area of Responsibility(PAR) but recurve afterwards towards the eastern part of PAR (non-landfalling) then move towards Japan.
2. TCs formed in the western Pacific that entered the Philippine Area of Responsibility(PAR) but recurve before making landfall towards the north-eastern part of PAR (non-landfalling) then move towards Japan.
3. Landfalling TCs traversing Northern or Central Luzon; moving towards Hongkong after exiting the landmass.
4. Landfalling TCs traversing southern Luzon – northern Visayas area, ; moving towards Vietnam.
5. Landfalling TCs traversing Southern Visayas – Northern Mindanao area; moving towards Thailand.

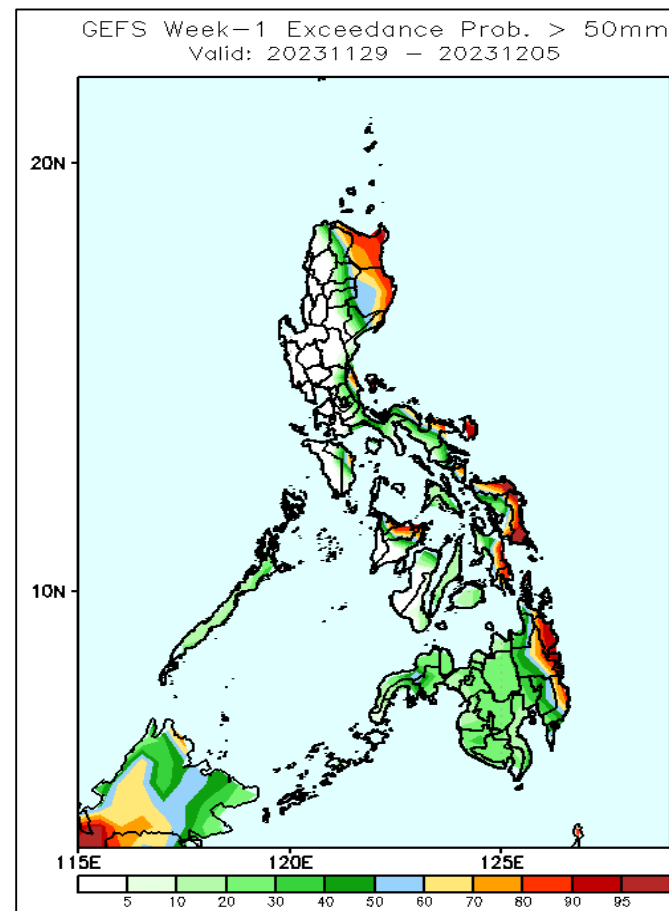
WEEK - 2: RAINFALL EXCEEDANCE PROBABILITY FORECAST

November 29 – December 05, 2023



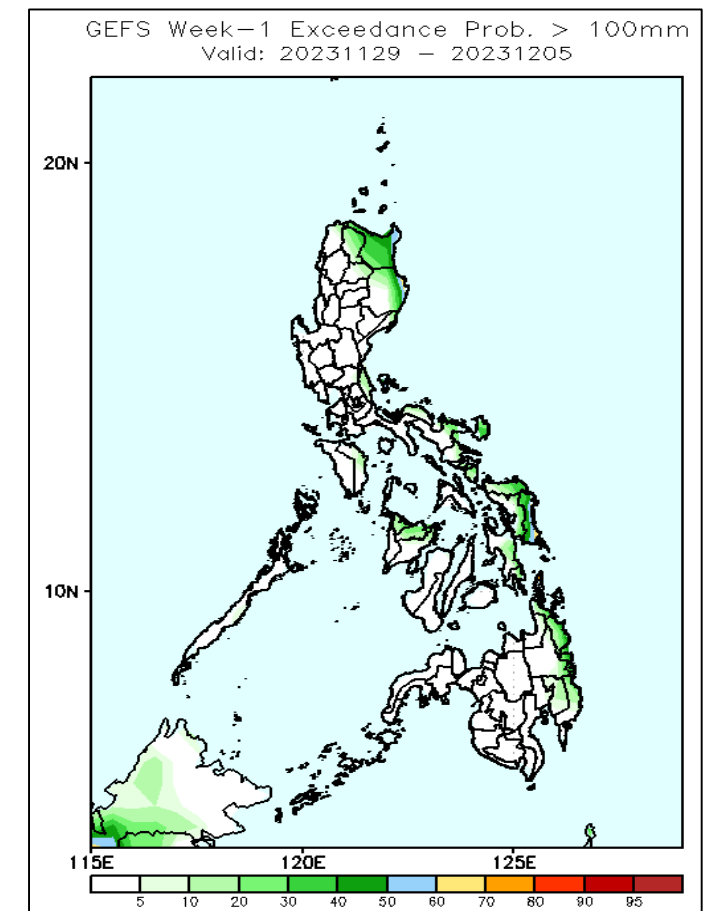
Probability to Exceed 25mm

- High to very high over the eastern sections of the country;
- Moderate to high over Quezon and the southern part of Bicol Region, Palawan, Cebu, Bohol, northern part of Western Visayas, Leyte provinces and the rest of Mindanao;
- Low to moderate over the rest of Luzon and Visayas.



Probability to Exceed 50mm

- Moderate to high over Apayao, Cagayan, Isabela, Northern Quezon, northern part of Bicol Region, Eastern Visayas, Aklan, Capiz and Surigao provinces;
- Low to moderate elsewhere.

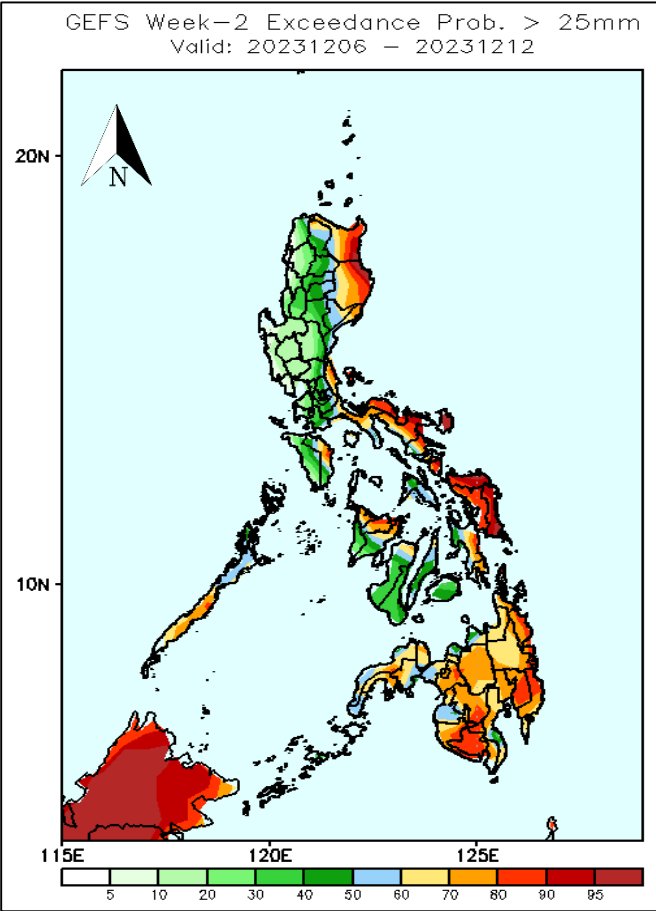
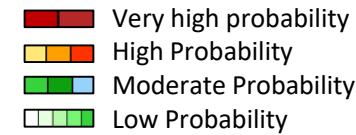


Probability to Exceed 100mm

- Low to moderate over Cagayan, eastern part of Isabela, and Eastern Samar;
- Low over the rest of the country.

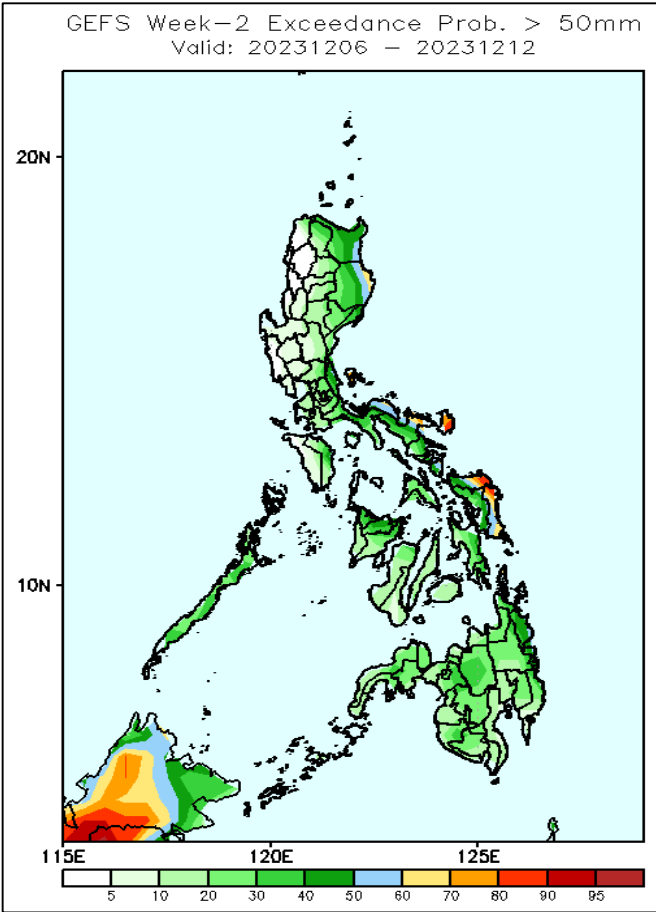
WEEK - 2: RAINFALL EXCEEDANCE PROBABILITY FORECAST

December 06 – 12, 2023



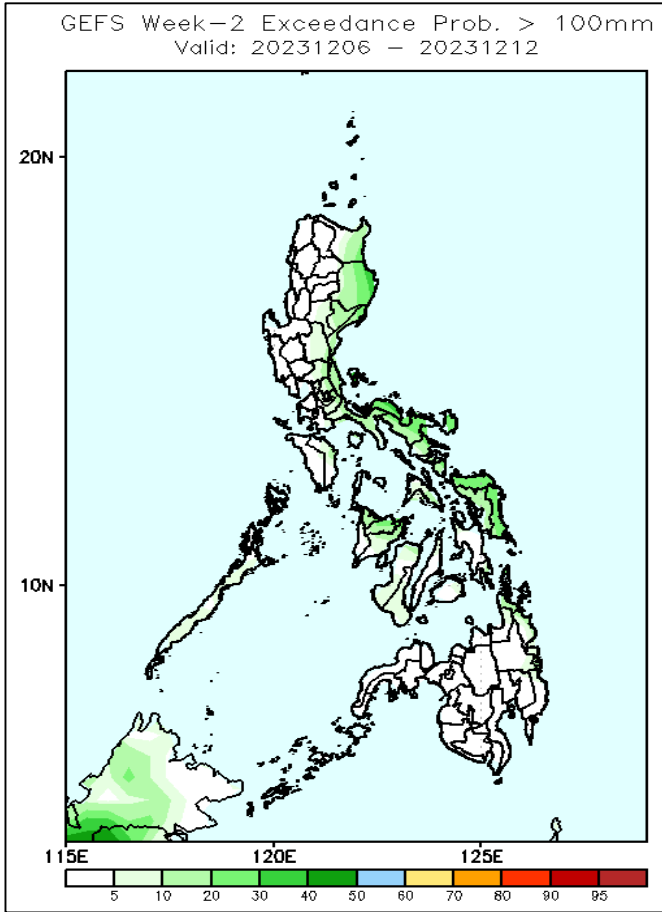
Probability to Exceed 25mm

- High to very high over Bicol Region and Eastern Visayas;
- Moderate to high over most parts of Cagayan Valley, Quezon, Palawan and the rest of Visayas and most parts of Mindanao;
- Low to moderate over the rest of Luzon.



Probability to Exceed 50mm

- Moderate to high over the eastern part of Cagayan and Isabela, Quezon, Bicol Region, Samar provinces, Aklan and Capiz;
- Low to moderate elsewhere.



Probability to Exceed 100mm

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