



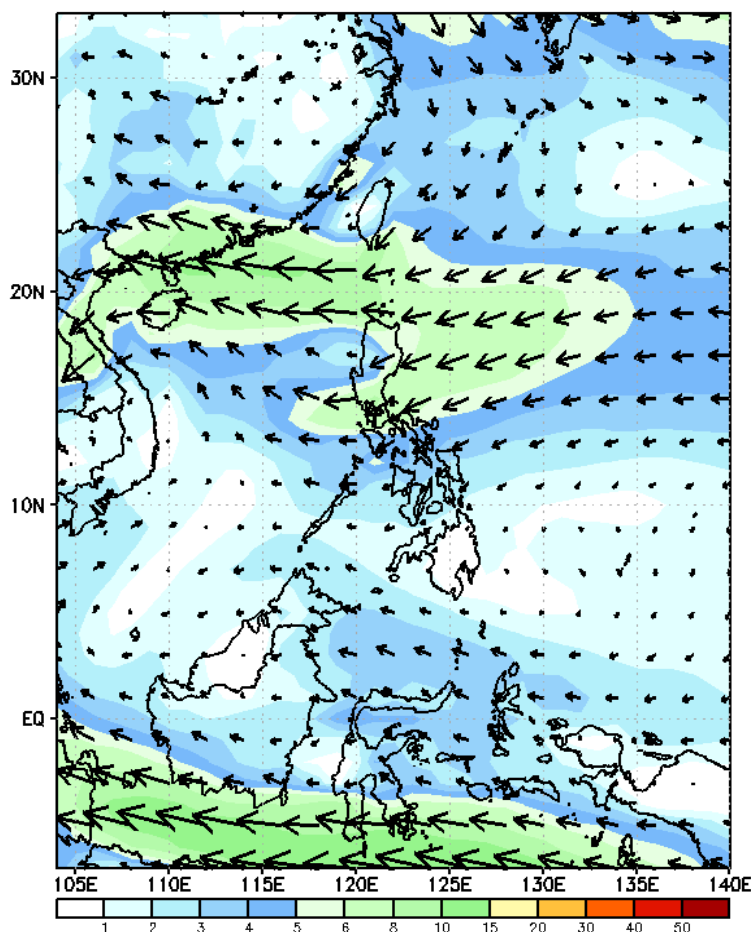
# Week 1 & Week 2 Forecast for the Philippines using GEFS Model



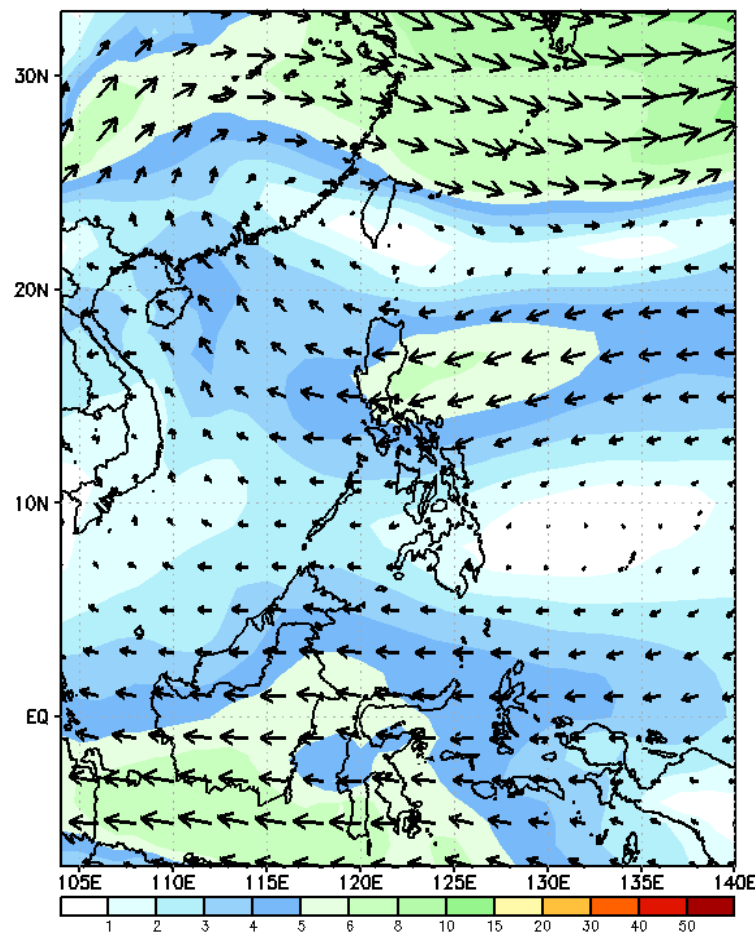
# GEFS Week-1 Forecasts: Wind Forecast

Week 1: Oct 16-22, 2023

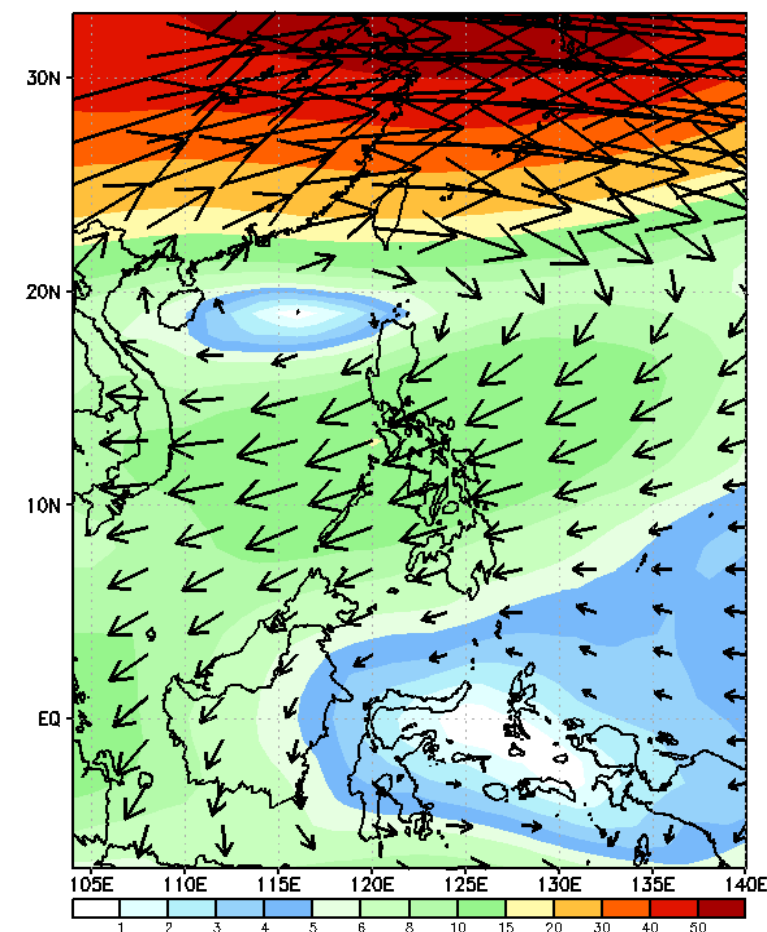
GEFS Week-1 850-hPa Wind Total  
Valid: 20231016 - 20231022



GEFS Week-1 700-hPa Wind Total  
Valid: 20231016 - 20231022

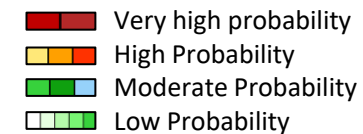


GEFS Week-1 200-hPa Wind Total  
Valid: 20231016 - 20231022



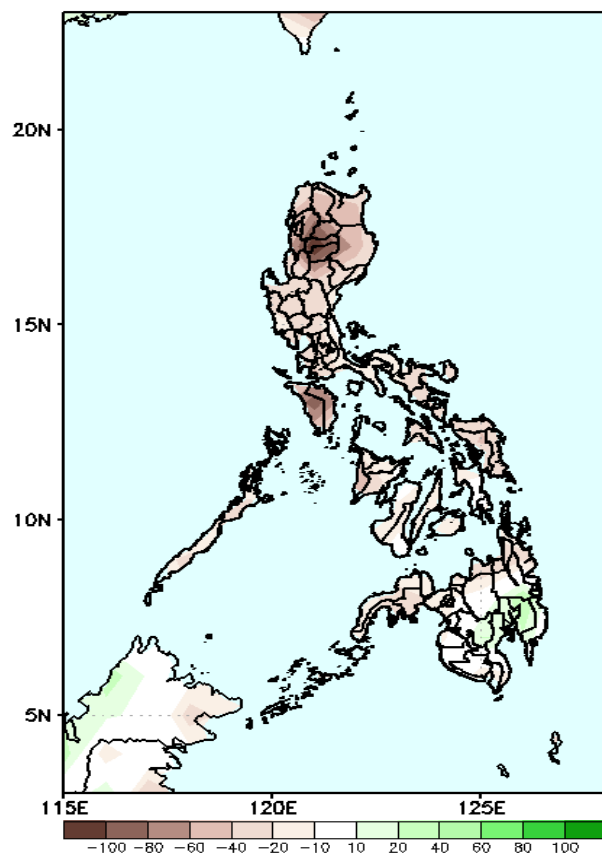
Northeasterly to easterly windflow affecting Luzon and the eastern sections of Visayas and Mindanao.

# Precipitation Anomaly and Exceedance Probability > 25/50 mm



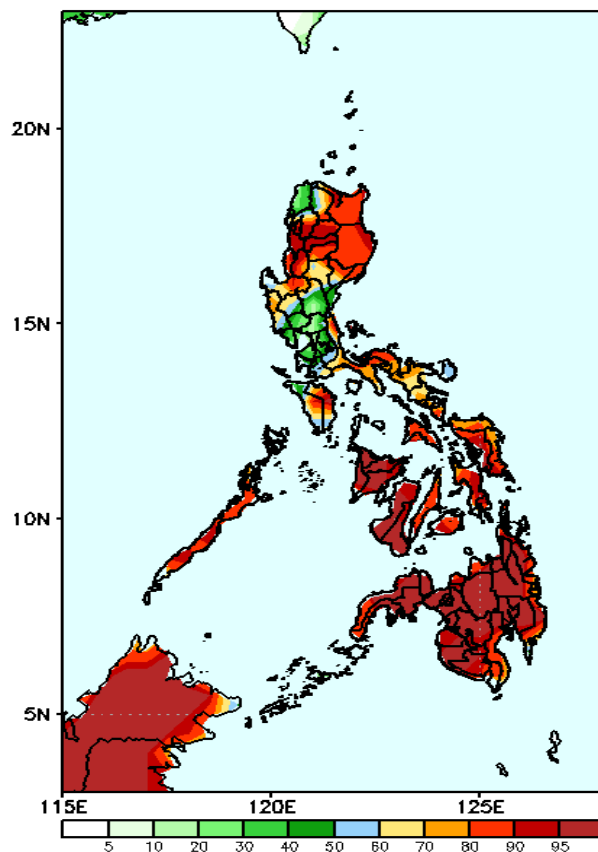
Week 1: Oct 16-22, 2023

GEFS Week-1 Precip Anomaly  
Valid: 20231016 - 20231022



Rainfall deficit of 40-100mm is expected in most parts of the country except in some areas in southern Mindanao where there is 10-20mm increase of rainfall.

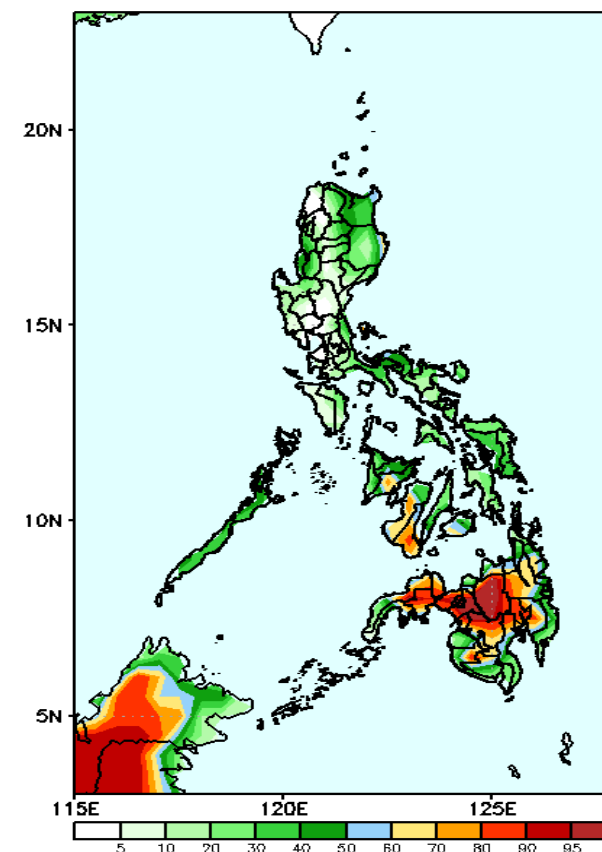
GEFS Week-1 Exceedance Prob. > 25mm  
Valid: 20231016 - 20231022



## Probability to Exceed 25mm

- High to very high in most parts of the country.
- Moderate to high in NCR, Central Luzon, CALABARZON, and Mindoro Provinces.

GEFS Week-1 Exceedance Prob. > 50mm  
Valid: 20231016 - 20231022



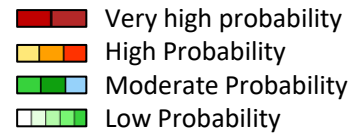
## Probability to Exceed 50mm

- Moderate to high over most of Cagayan, Mindanao and Negros Provinces;
- Low to moderate over the rest of the country.

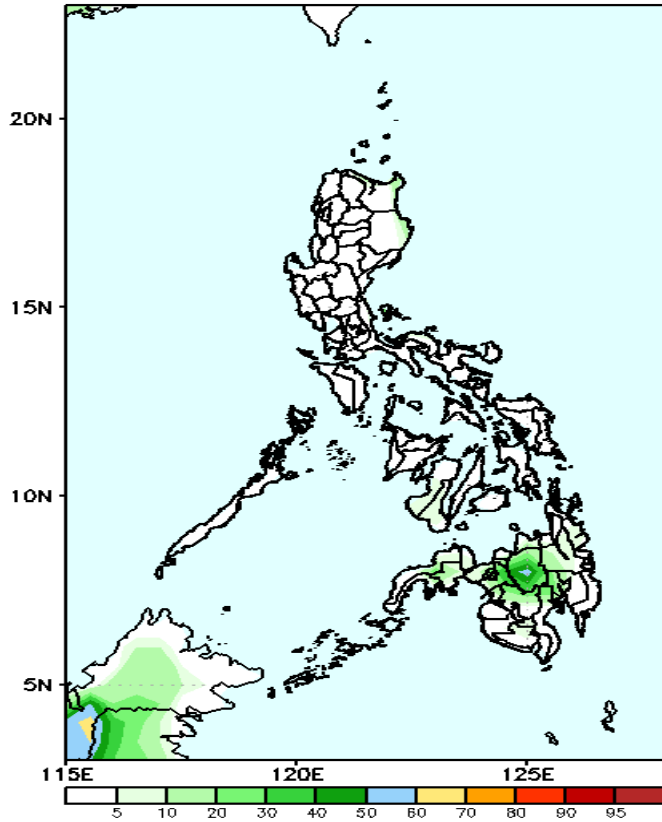


# Exceedance Probability > 100/150/200 mm

Week 1: Oct 16-22, 2023



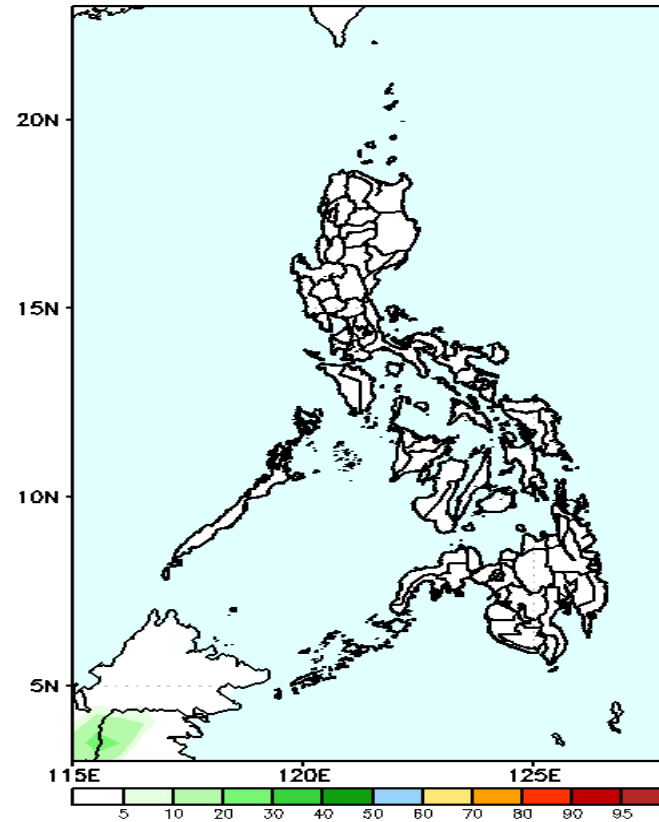
GEFS Week-1 Exceedance Prob. > 100mm  
Valid: 20231016 - 20231022



## Probability to Exceed 100mm

- Low in most parts of the country.

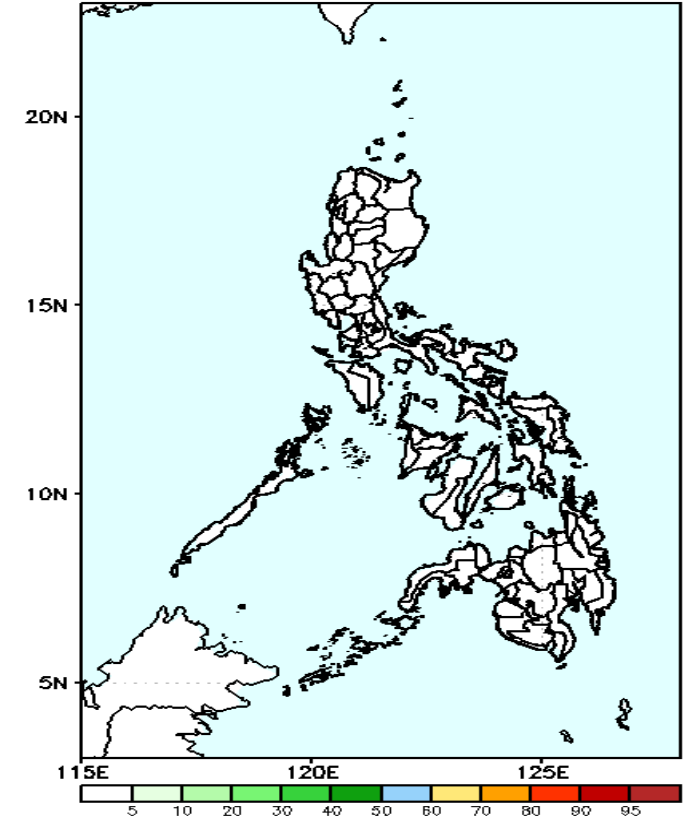
GEFS Week-1 Exceedance Prob. > 150mm  
Valid: 20231016 - 20231022



## Probability to Exceed 150mm

- Low in most parts of the country.

GEFS Week-1 Exceedance Prob. > 200mm  
Valid: 20231016 - 20231022



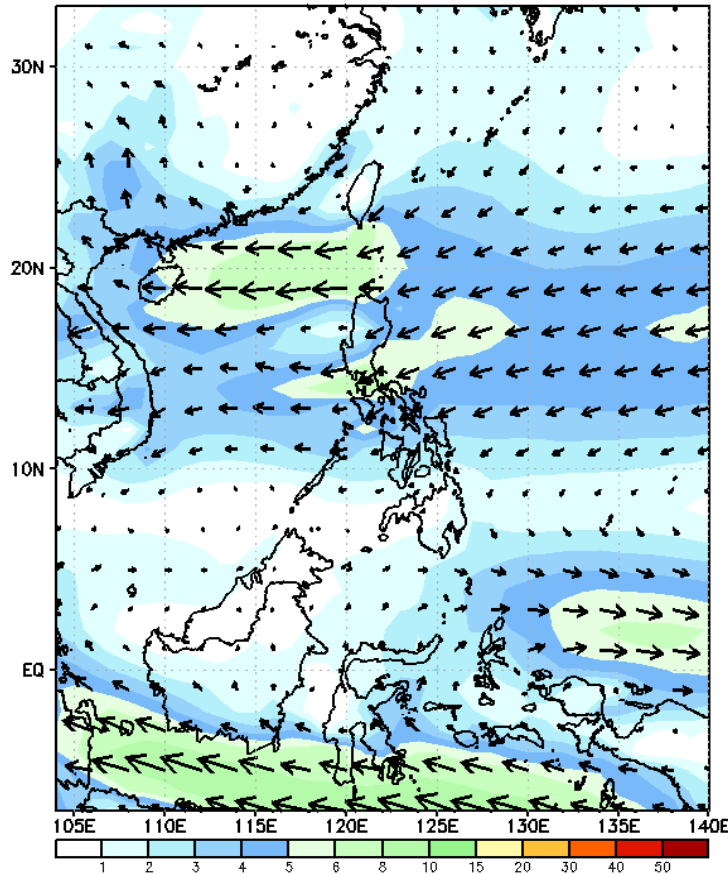
## Probability to Exceed 200mm

- Low in most parts of the country.

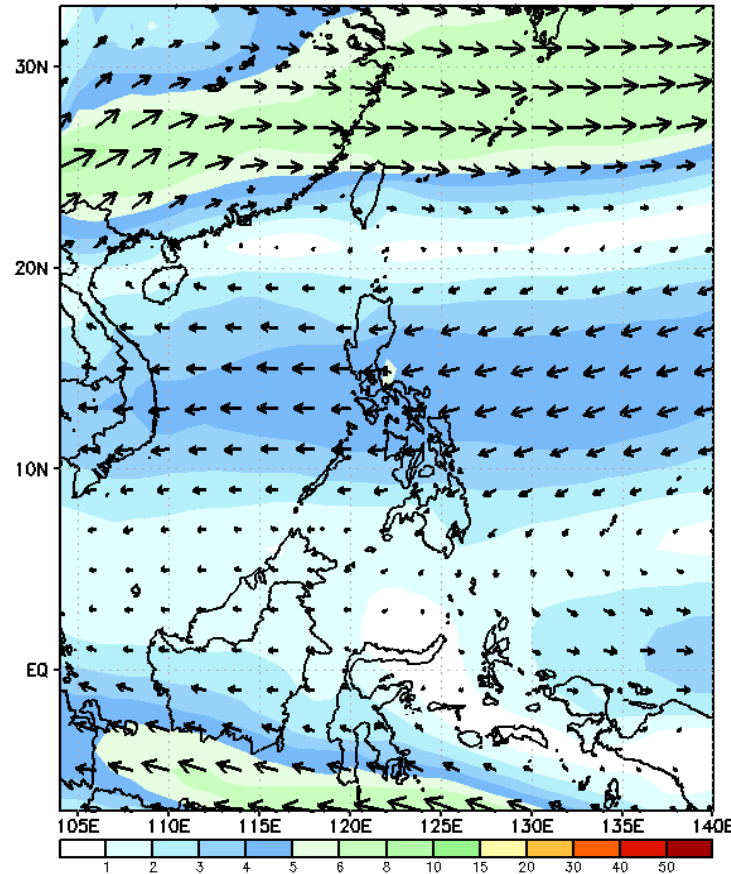
# GEFS Week-2 Forecasts: Wind Forecast

Week 2: Oct 20-26, 2023

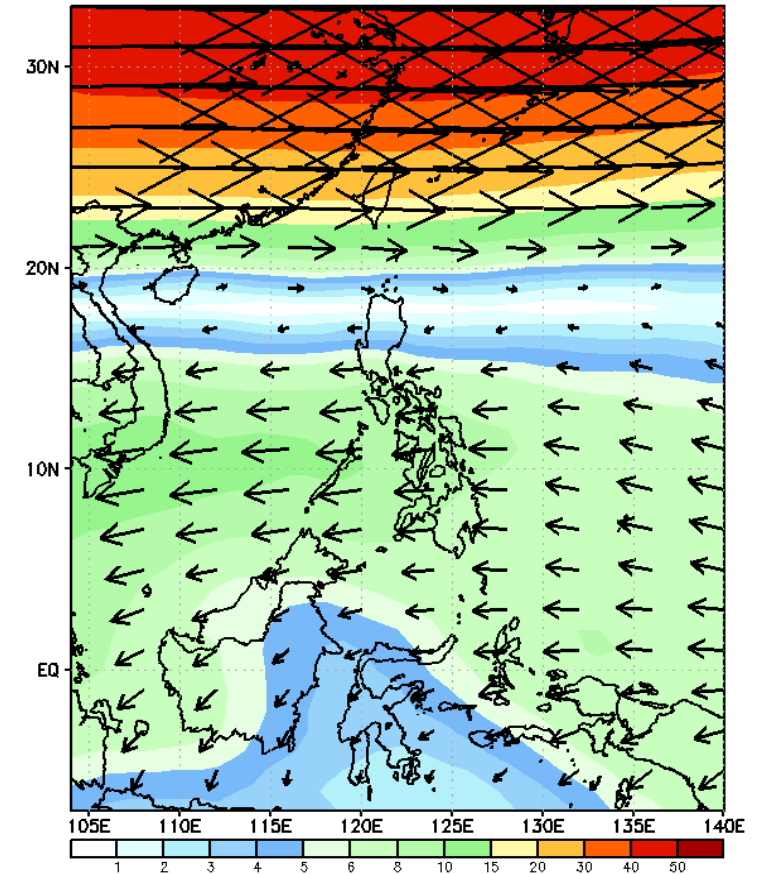
GEFS Week-2 850-hPa Wind Total  
Valid: 20231023 - 20231029



GEFS Week-2 700-hPa Wind Total  
Valid: 20231023 - 20231029



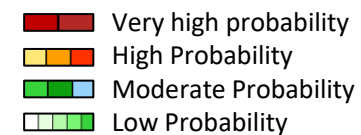
GEFS Week-2 200-hPa Wind Total  
Valid: 20231023 - 20231029



Northeasterly to easterly windflow affecting Luzon and the eastern sections of Visayas and Mindanao.

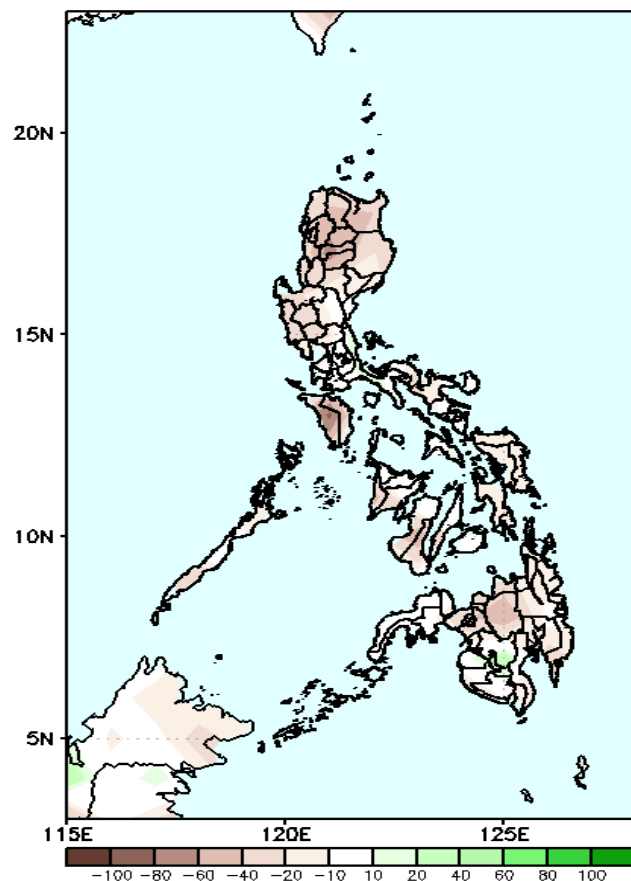


# Precipitation Anomaly and Exceedance Probability > 25/50 mm



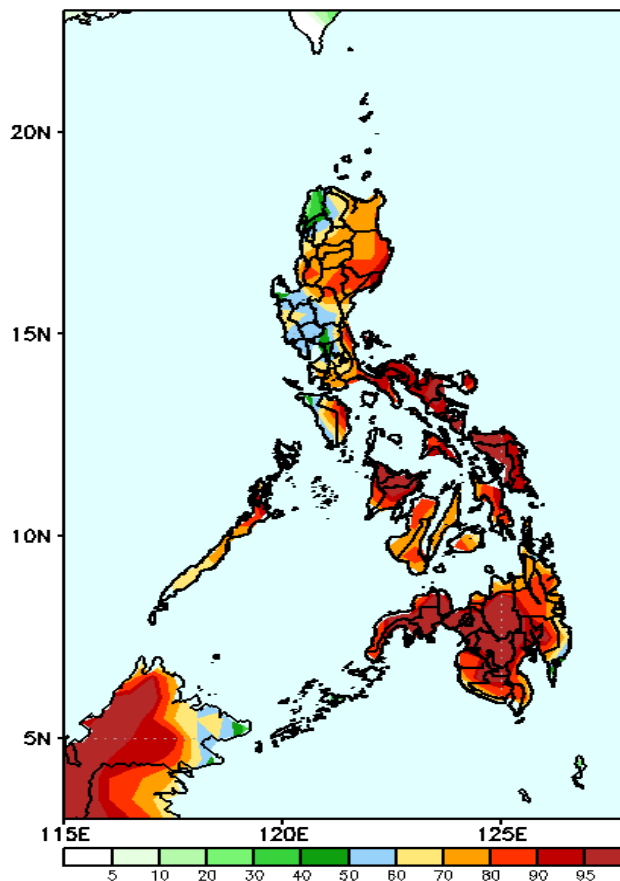
Week 2: Oct 20-26, 2023

GEFS Week-2 Precip Anomaly  
Valid: 20231023 - 20231029



Rainfall deficit of 20-80mm will be likely in most parts of the country.

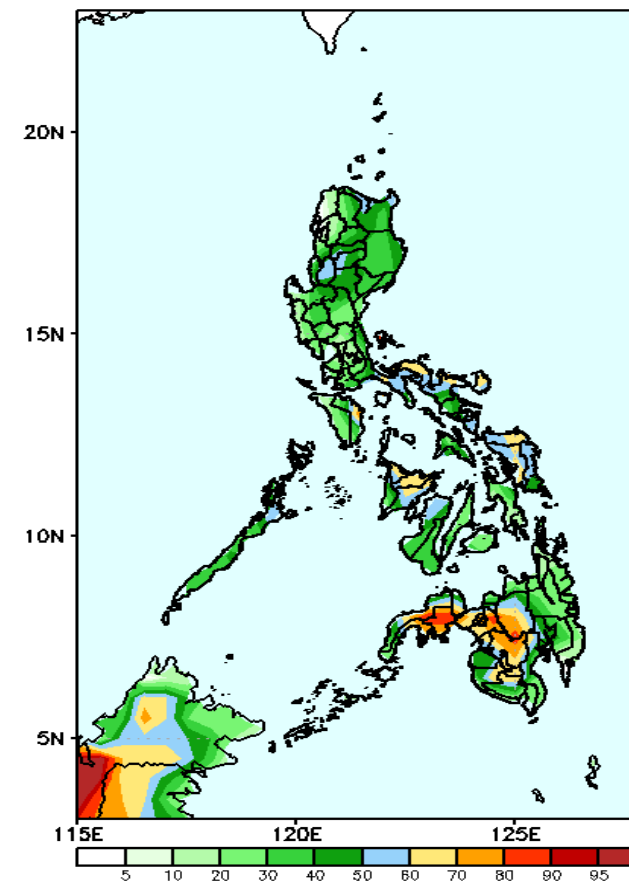
GEFS Week-2 Exceedance Prob. > 25mm  
Valid: 20231023 - 20231029



## Probability to Exceed 25mm

- High to very high over Mindanao, Visayas, Bicol Region, ;
- Moderate to high over the rest of Luzon

GEFS Week-2 Exceedance Prob. > 50mm  
Valid: 20231023 - 20231029

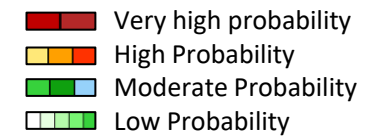


## Probability to Exceed 50mm

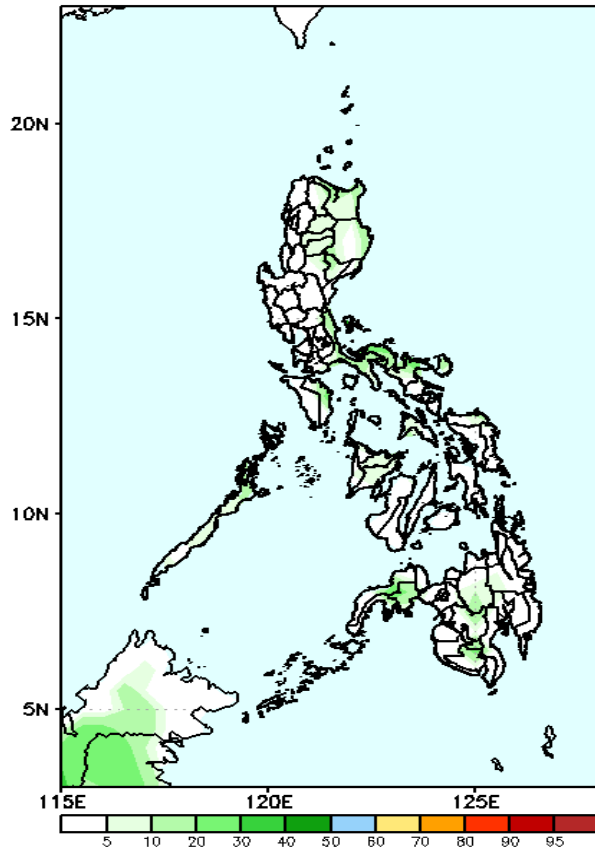
- Moderate to high over most of the western and central portions of Mindanao, Bicol Region, Quezon, Samar Provinces, and Capiz;
- Low to moderate over the rest of the country.

# Exceedance Probability > 100/150/200 mm

Week 2: Oct 20-26, 2023



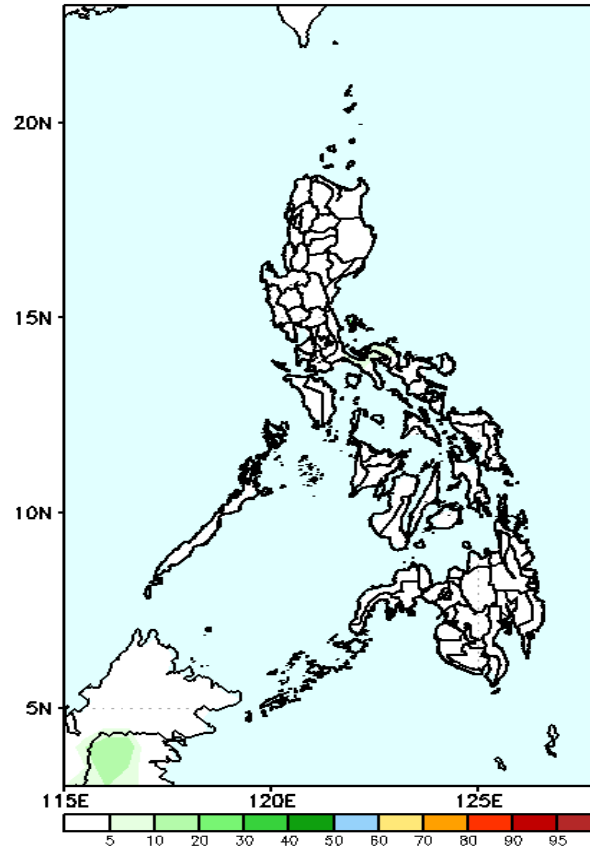
GEFS Week-2 Exceedance Prob. > 100mm  
Valid: 20231023 - 20231029



**Probability to Exceed 100mm**

- Low in most parts of the country.

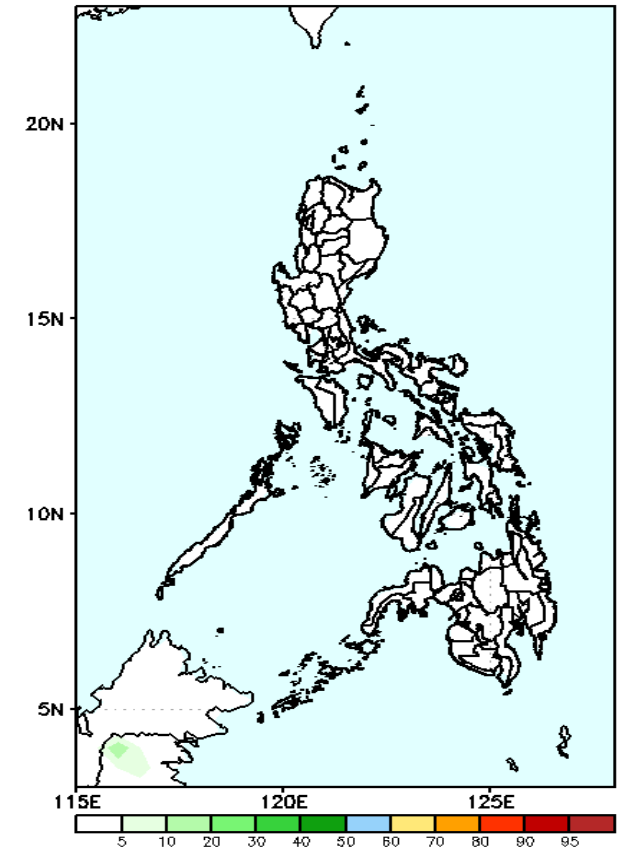
GEFS Week-2 Exceedance Prob. > 150mm  
Valid: 20231023 - 20231029



**Probability to Exceed 150mm**

- Low in most parts of the country.

GEFS Week-2 Exceedance Prob. > 200mm  
Valid: 20231023 - 20231029

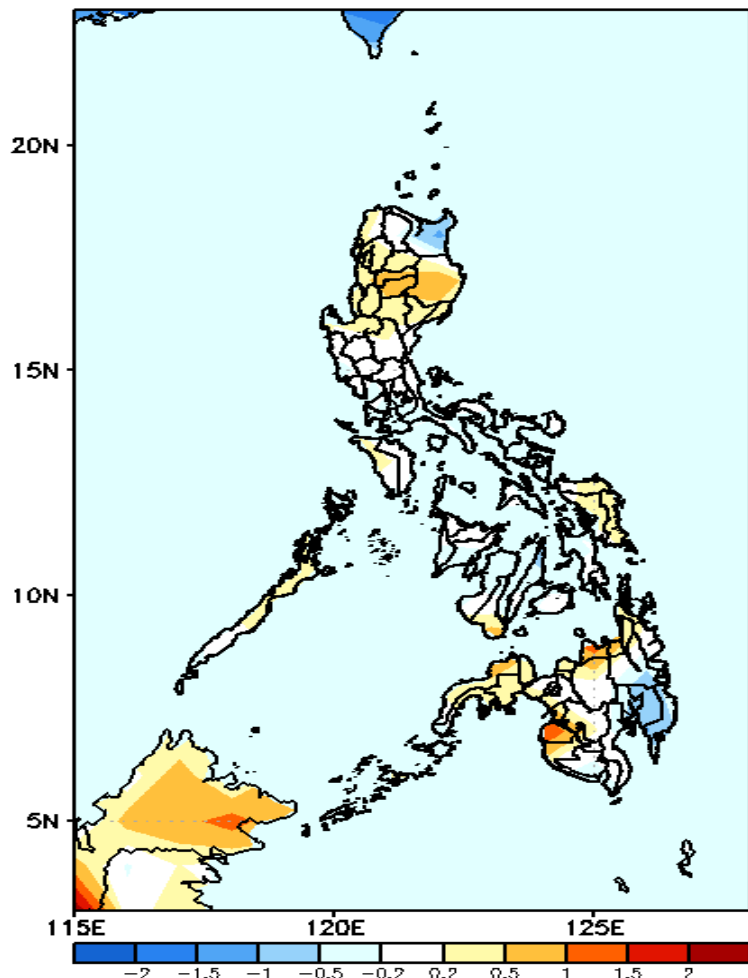


**Probability to Exceed 200mm**

- Low in most parts of the country.

# GEFS Week-1 & 2 Forecasts: T2m Anomaly

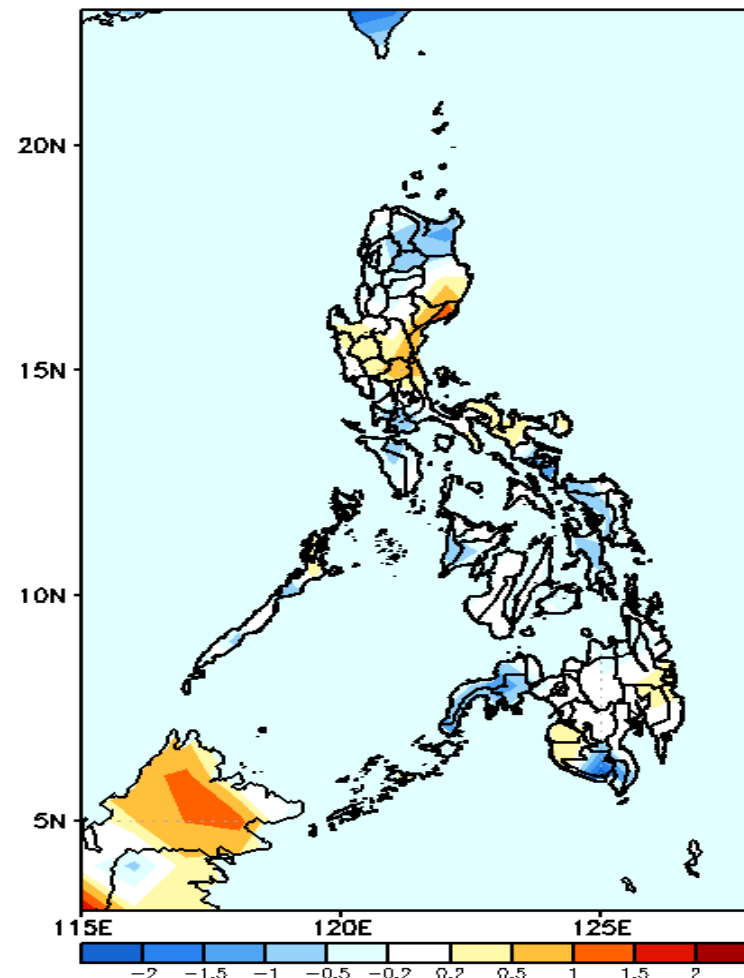
GEFS Week-1 T2m Anomaly  
Valid: 20231016 – 20231022



## 2m Temperature Week 1: Oct 16-22, 2023

Average to warmer than average surface air temperature will likely experience in most parts of the country except in Cagayan and Davao Region where slightly cooler temperature is expected.

GEFS Week-2 T2m Anomaly  
Valid: 20231023 – 20231029



## 2m Temperature Week 2: Oct 23-29, 2023

Average to cooler than average surface air temperature will likely experience in most parts of the country except in Quirino, Aurora, Nueva Ecija and Bulacan where slightly warmer to warmer temperature is expected.