



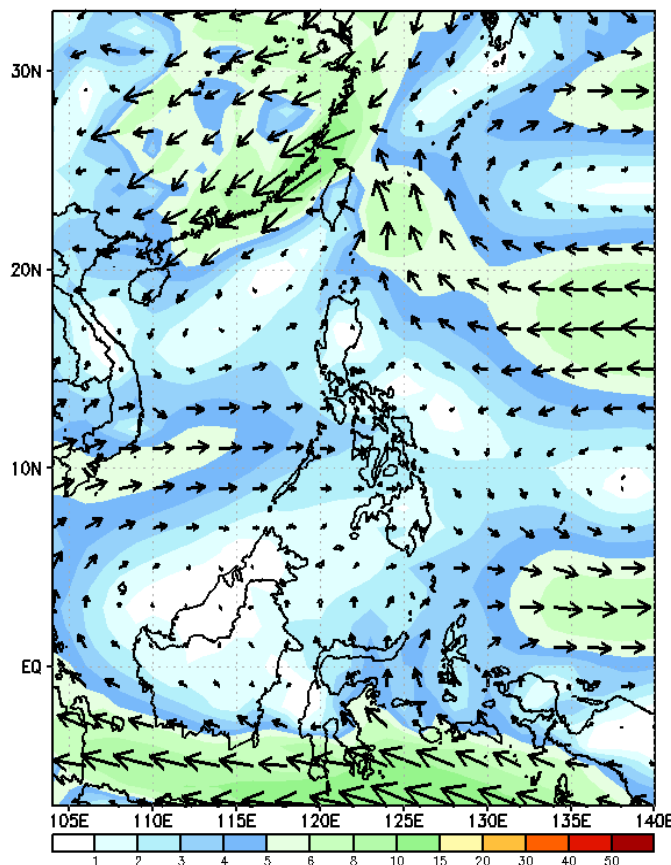
# Week 1 & Week 2 Forecast for the Philippines using GEFS Model



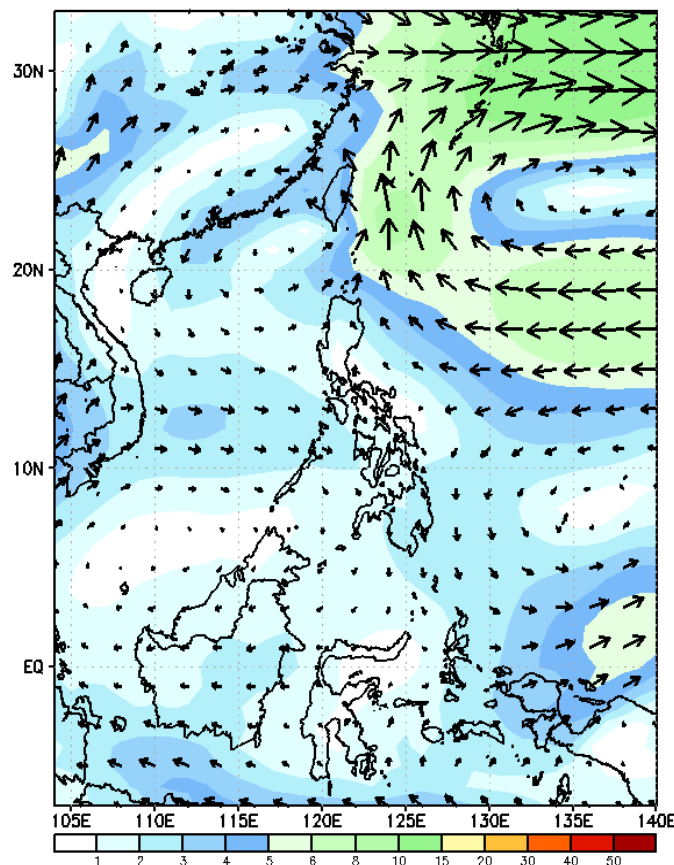
# GEFS Week-1 Forecasts: Wind Forecast

Week 1: Oct 04 - 10, 2023

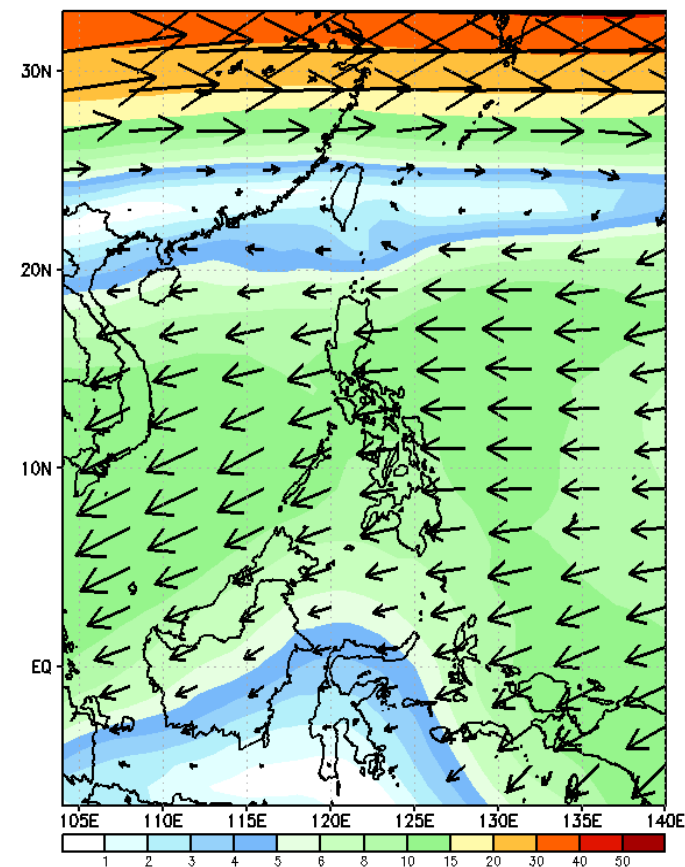
GEFS Week-1 850-hPa Wind Total  
Valid: 20231004 - 20231010



GEFS Week-1 700-hPa Wind Total  
Valid: 20231004 - 20231010

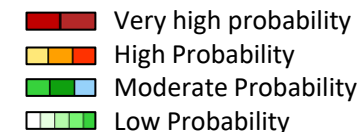


GEFS Week-1 200-hPa Wind Total  
Valid: 20231004 - 20231010



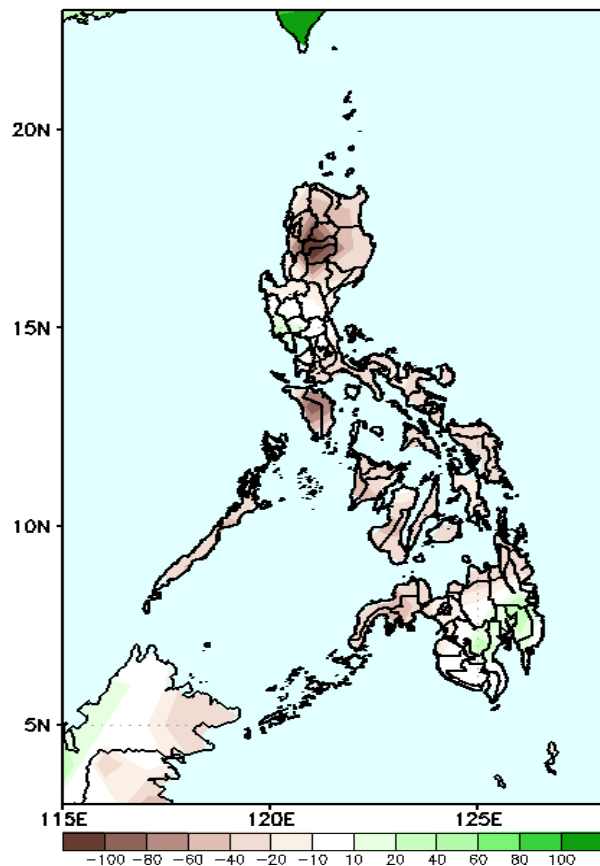
Weak southwest monsoon affecting the western sections of Luzon and Visayas.

# Precipitation Anomaly and Exceedance Probability > 25/50 mm



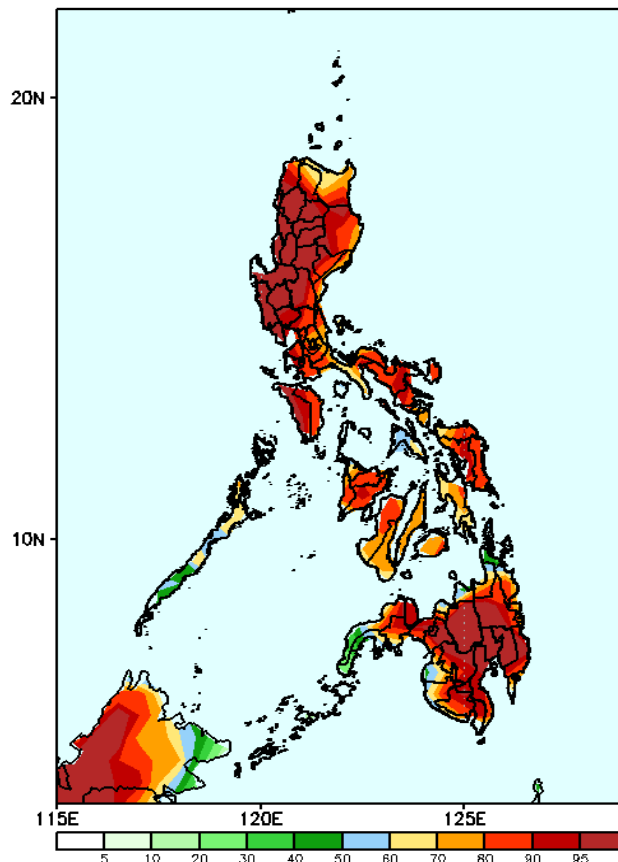
Week 1: Oct 04 - 10, 2023

GEFS Week-1 Precip. Anomaly  
Valid: 20231004 - 20231010



Rainfall deficit of 40-80mm will be likely in most parts of the country except in most parts of Davao region and Cotabato where there is 20-40mm increase of rainfall

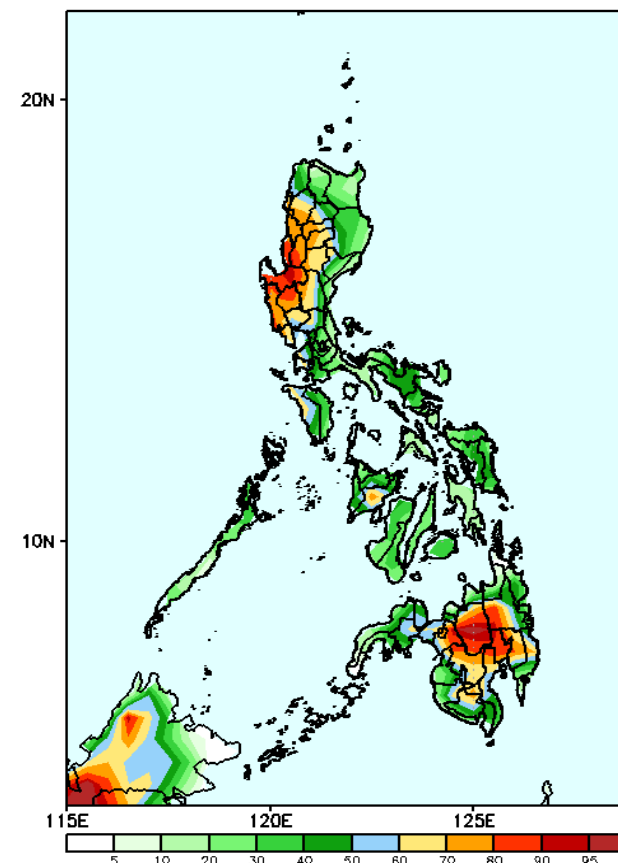
GEFS Week-1 Exceedance Prob. > 25mm  
Valid: 20231004 - 20231010



## Probability to Exceed 25mm

- High to very high in most parts of the country;
- Moderate to high over Palawan, Quezon, Masbate, Surigao del Norte, Dinagat Island, Maguindanao, portions of BARMM, and portions of Zamboanga Peninsula.

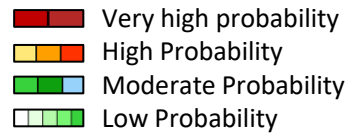
GEFS Week-1 Exceedance Prob. > 50mm  
Valid: 20231004 - 20231010



## Probability to Exceed 50mm

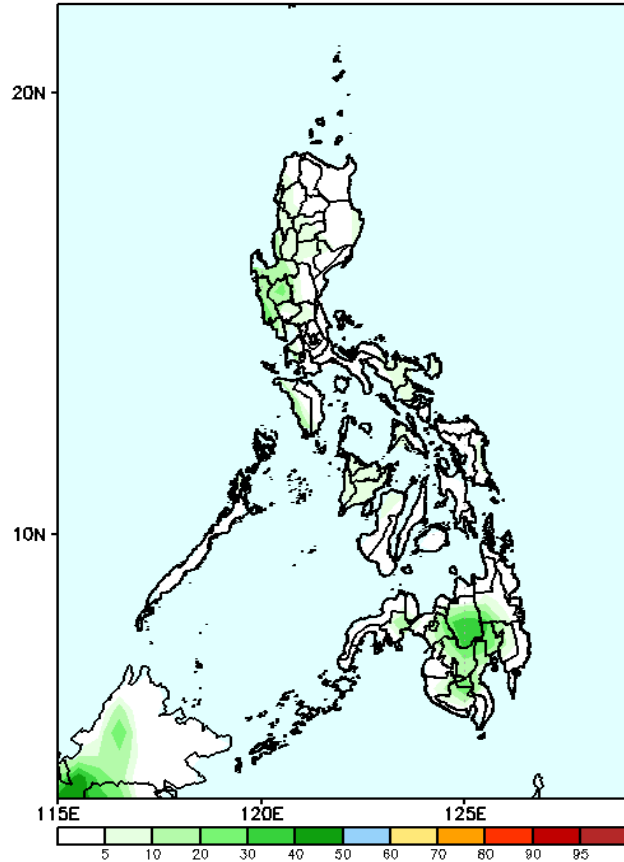
- High to very high in most parts of Ilocos region, western portions of Central Luzon, and Bukidnon;
- Moderate to high in portions of CAR, Davao Region, Iloilo, Batangas, Cavite, NCR, Occidental Mindoro, SOCCSKSARGEN, and Lanao Provinces;
- Low to moderate over the rest of the country.

# Exceedance Probability > 100/150/200 mm



Week 1: Oct 04 - 10, 2023

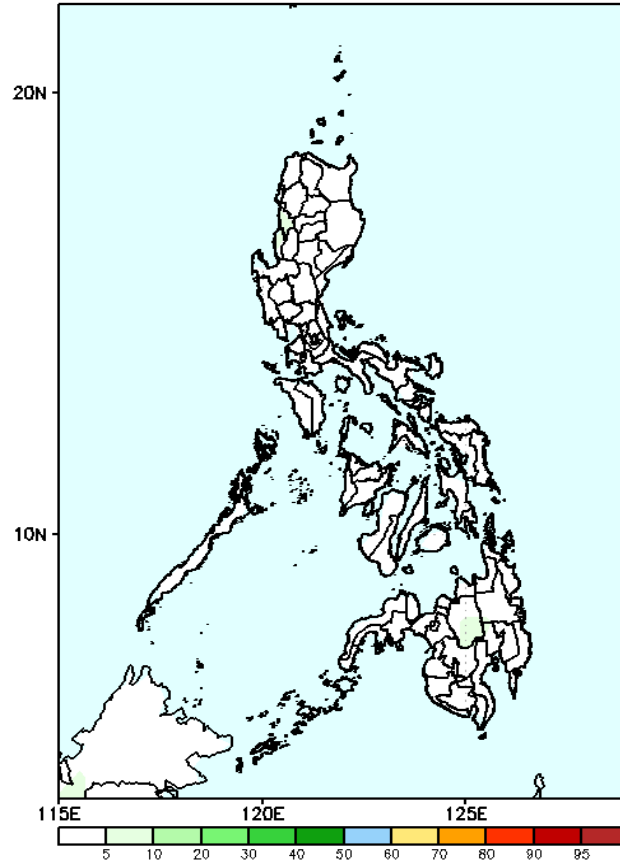
GEFS Week-1 Exceedance Prob. > 100mm  
Valid: 20231004 - 20231010



Probability to Exceed 100mm

- Low across the country.

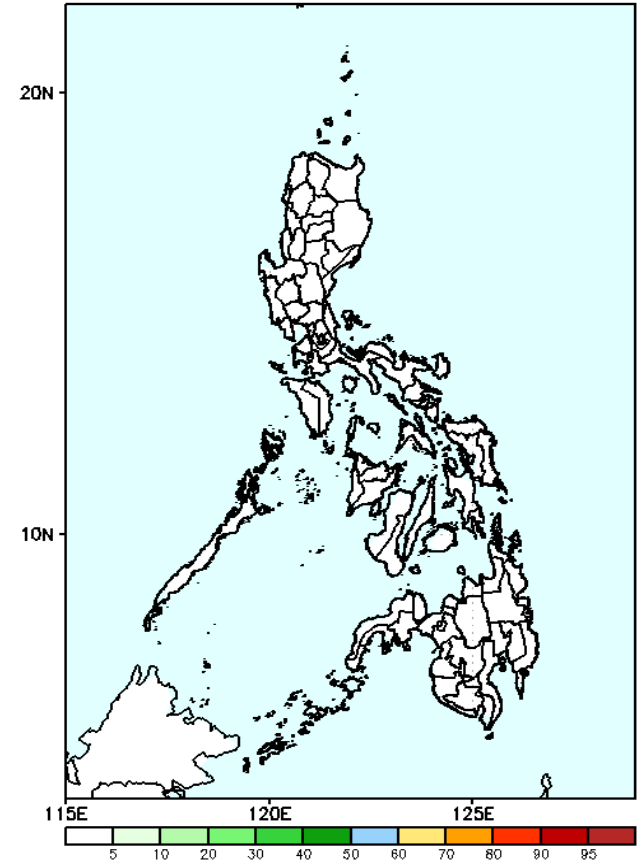
GEFS Week-1 Exceedance Prob. > 150mm  
Valid: 20231004 - 20231010



Probability to Exceed 150mm

- Low in most parts of the country.

GEFS Week-1 Exceedance Prob. > 200mm  
Valid: 20231004 - 20231010



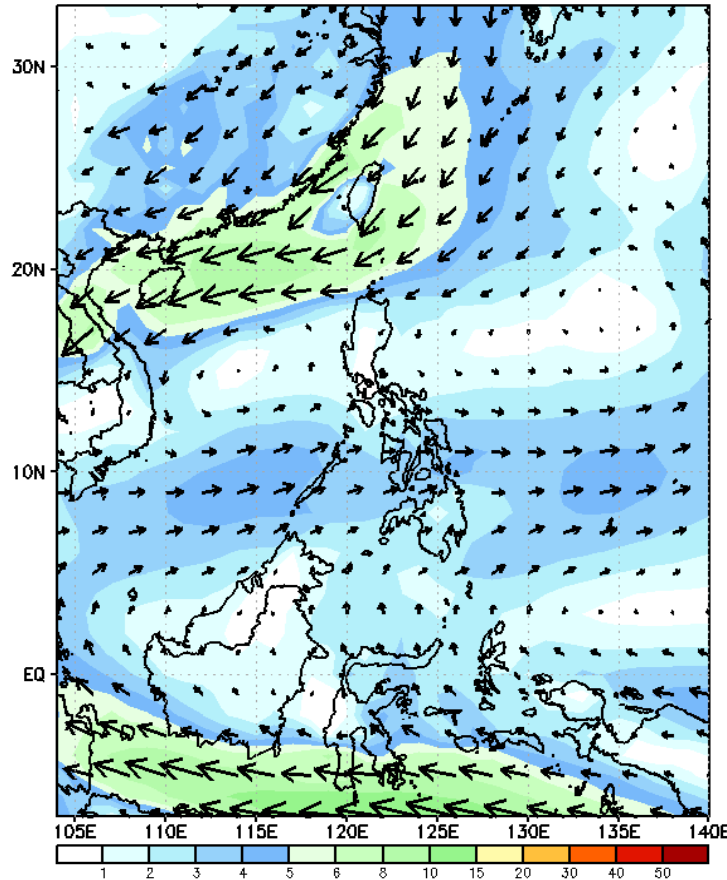
Probability to Exceed 200mm

- Low in most parts of the country.

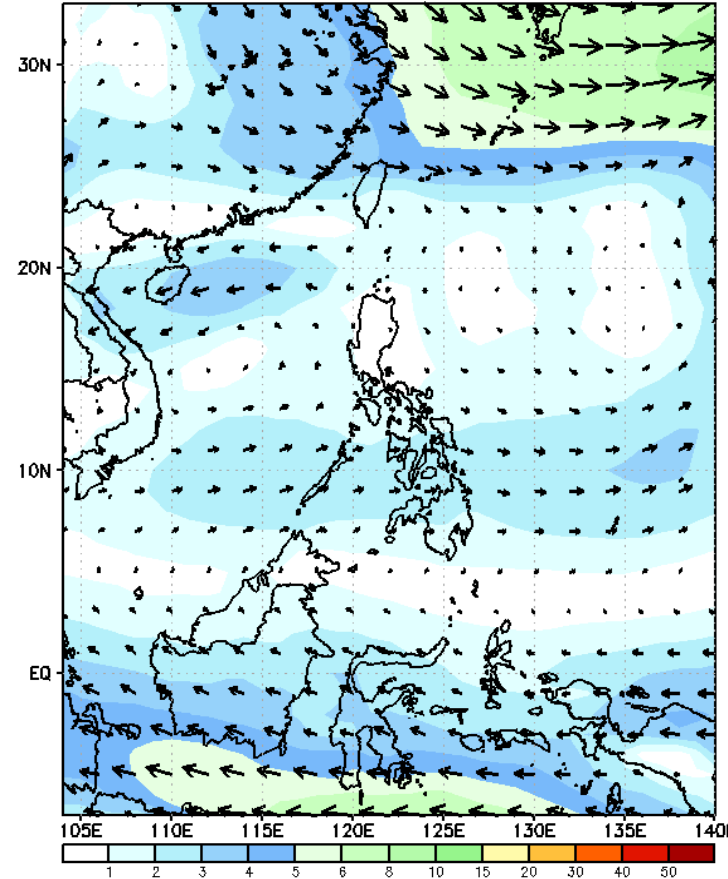
# GEFS Week-2 Forecasts: Wind Forecast

Week 2: Oct 11 - 17, 2023

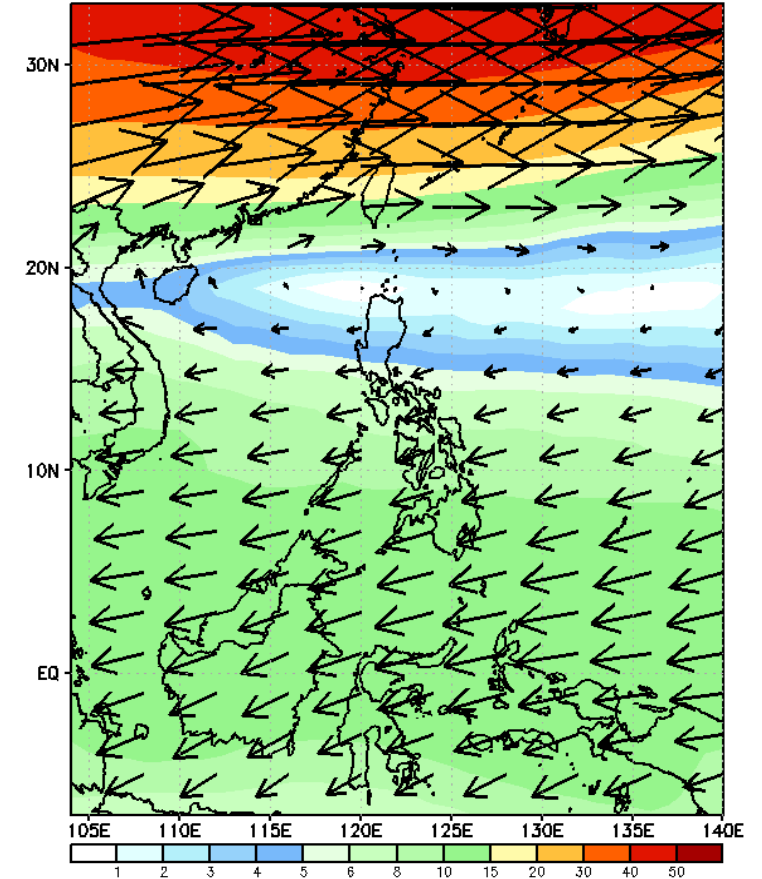
GEFS Week-2 850-hPa Wind Total  
Valid: 20231011 - 20231017



GEFS Week-2 700-hPa Wind Total  
Valid: 20231011 - 20231017



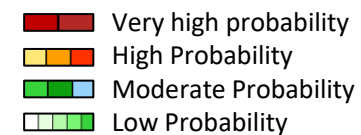
GEFS Week-2 200-hPa Wind Total  
Valid: 20231011 - 20231017



Weak Southwest Monsoon affecting western sections of Southern Luzon and Visayas.

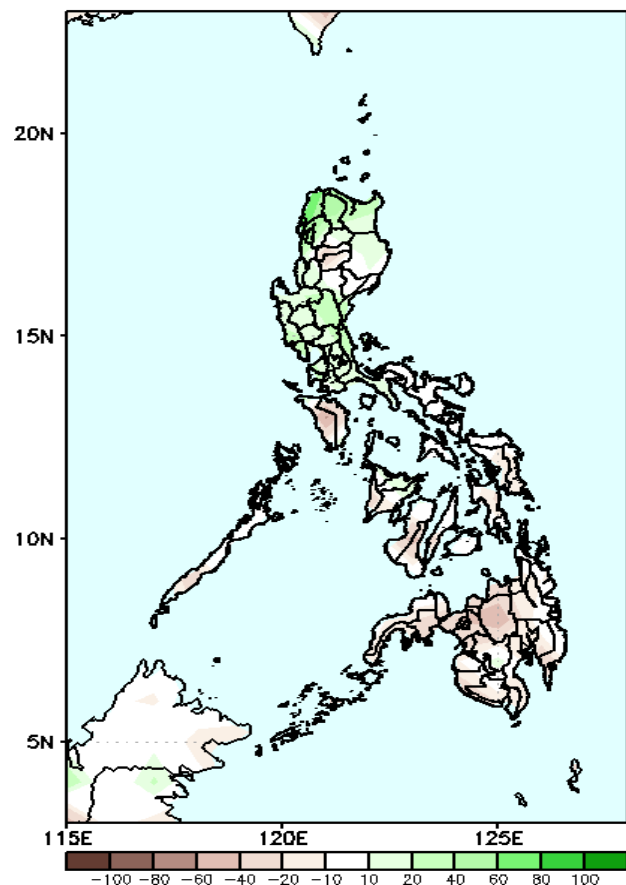


# Precipitation Anomaly and Exceedance Probability > 25/50 mm



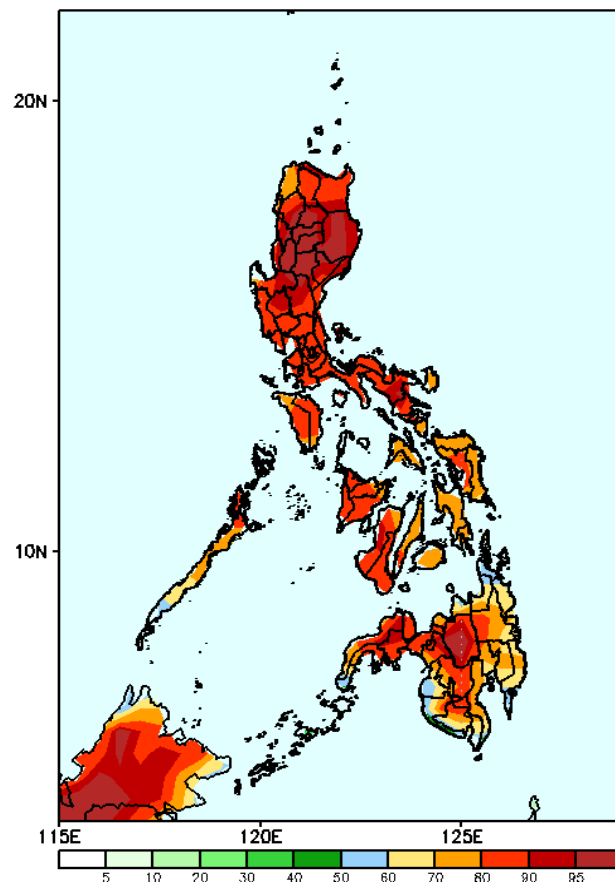
Week 2: Oct 11 - 17, 2023

GEFS Week-2 Precip. Anomaly  
Valid: 20231011 - 20231017



20 – 40mm increase of rainfall will be likely in most parts of Northern and Central Luzon and CALABARZON while a rainfall deficit of 20-60mm will be likely over the rest of the country.

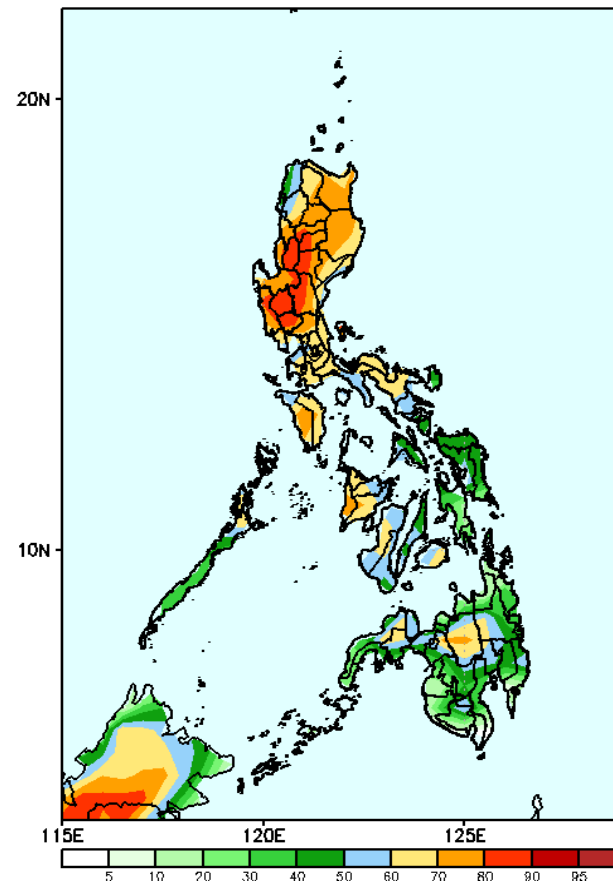
GEFS Week-2 Exceedance Prob. > 25mm  
Valid: 20231011 - 20231017



## Probability to Exceed 25mm

- High to very high over most parts of the country;
- Moderate to high over Palawan, Surigao del Norte, Dinagat Island, Maguindanao, BARMM, and Western portion of Zamboanga City, Davao Region and SOCSSKSARGEN.

GEFS Week-2 Exceedance Prob. > 50mm  
Valid: 20231011 - 20231017

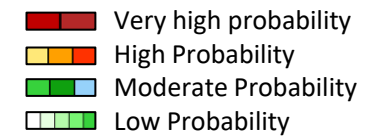


## Probability to Exceed 50mm

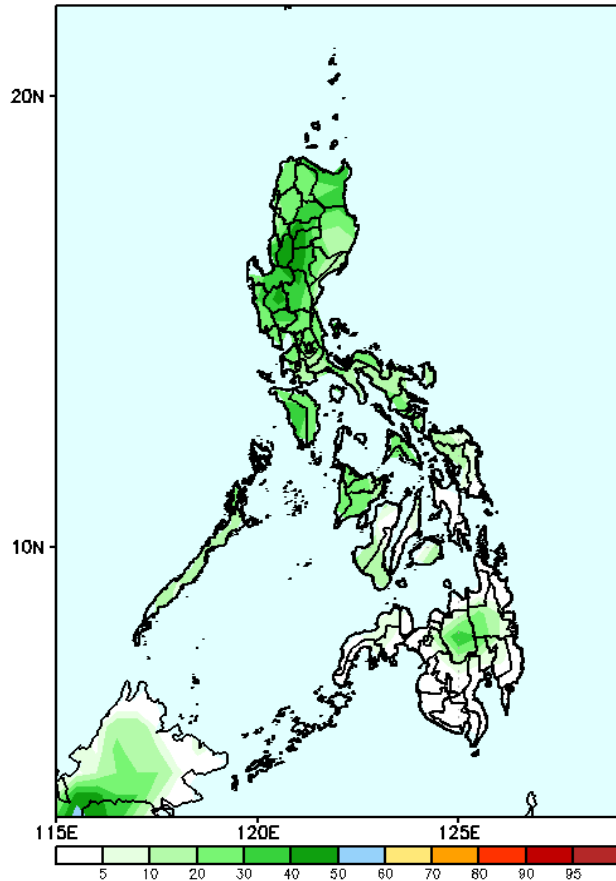
- Moderate to high over most of Luzon, Visayas, Bukidnon, and Lanao Provinces
- Low to moderate over southern Palawan, Leyte Provinces, and the rest of Mindanao.

# Exceedance Probability > 100/150/200 mm

Week 2: Oct 11 - 17, 2023



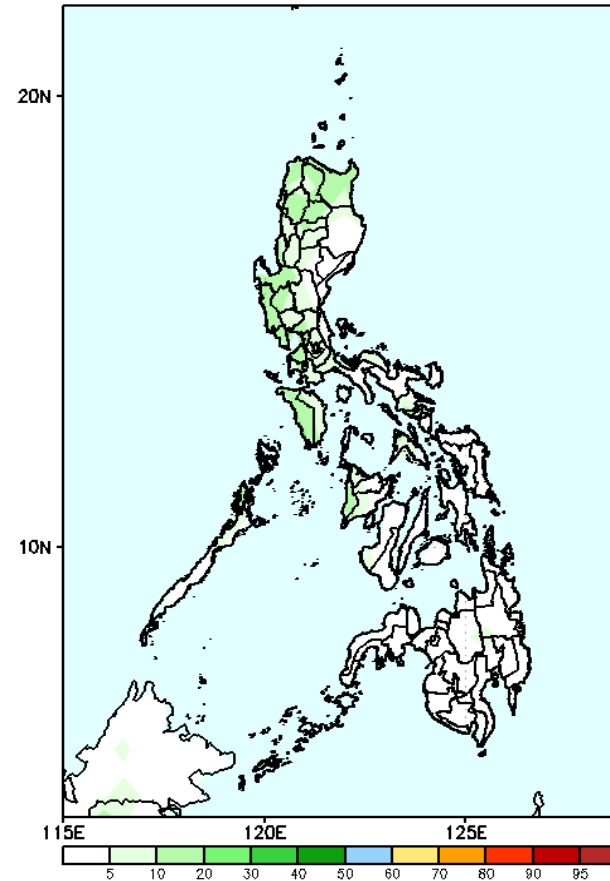
GEFS Week-2 Exceedance Prob. > 100mm  
Valid: 20231011 - 20231017



## Probability to Exceed 100mm

- Moderate in Benguet, Mountain Province, and Ifugao;
- Low over the rest of the country.

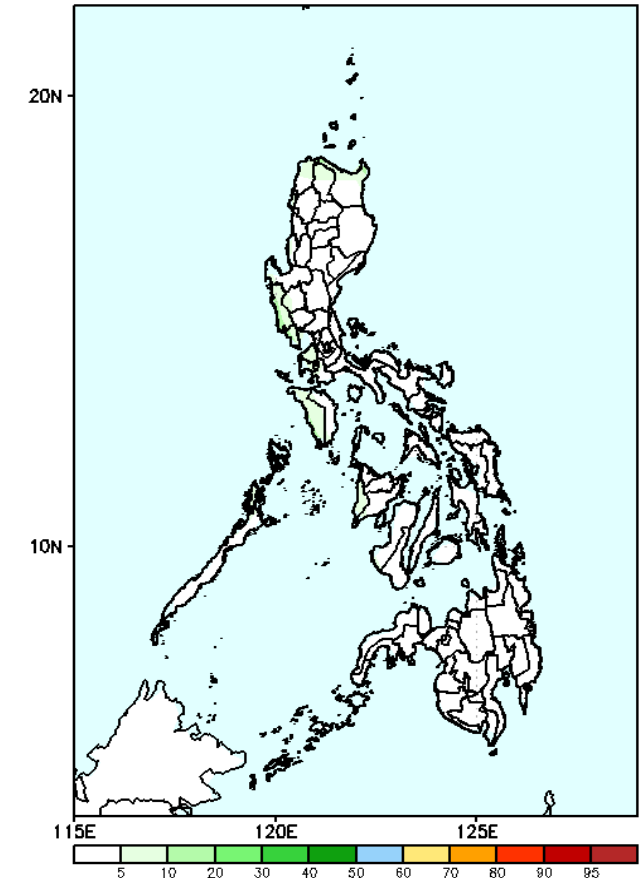
GEFS Week-2 Exceedance Prob. > 150mm  
Valid: 20231011 - 20231017



## Probability to Exceed 150mm

- Low in most parts of the country.

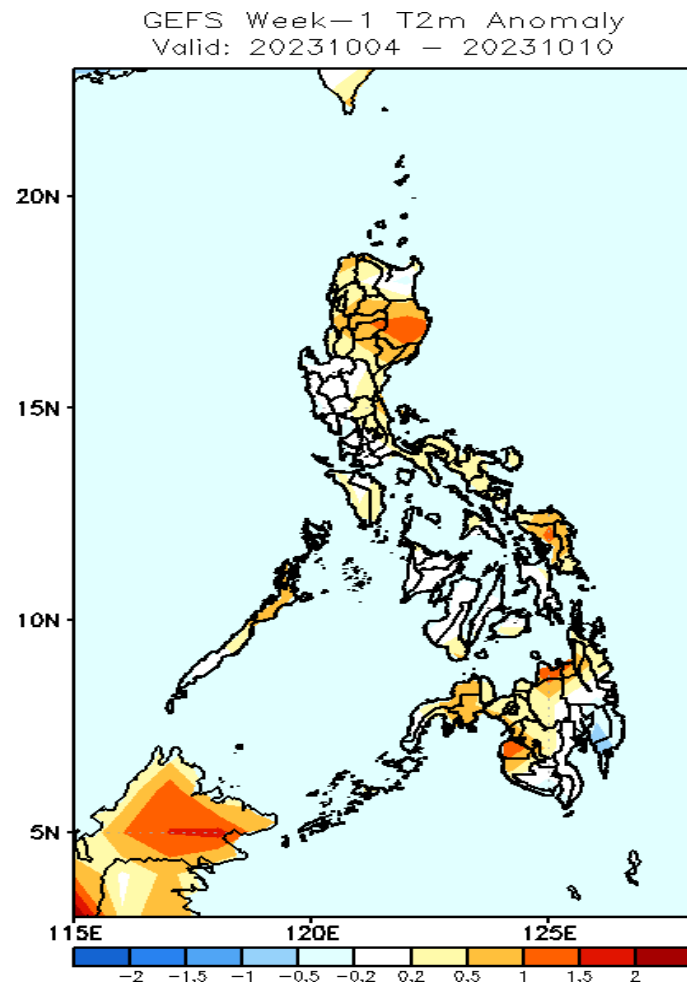
GEFS Week-2 Exceedance Prob. > 200mm  
Valid: 20231011 - 20231017



## Probability to Exceed 200mm

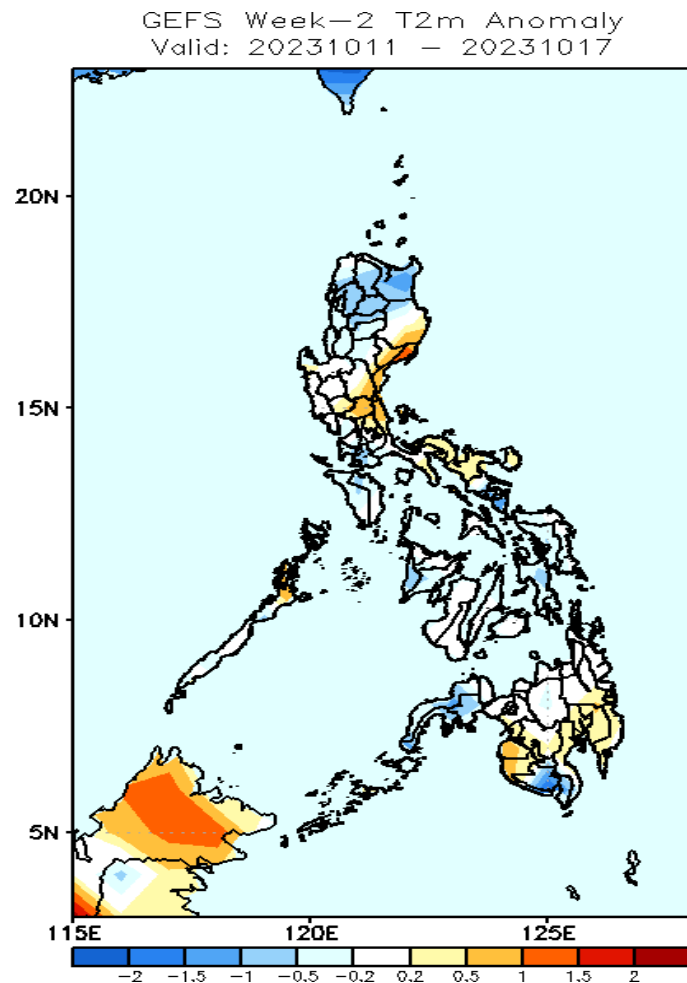
- Low in most parts of the country.

# GEFS Week-1 & 2 Forecasts: T2m Anomaly



## 2m Temperature Week 1: Oct 04-10, 2023

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



## 2m Temperature Week 2: Oct 11-17, 2023

Average to slightly cooler than average surface air temperature will likely experience in most parts of the country except in the eastern sections of Central Luzon, Quezon, Camarines provinces, Davao region, Maguindanao and Sultan Kudarat where slightly warmer to warmer than average temperature is expected.