



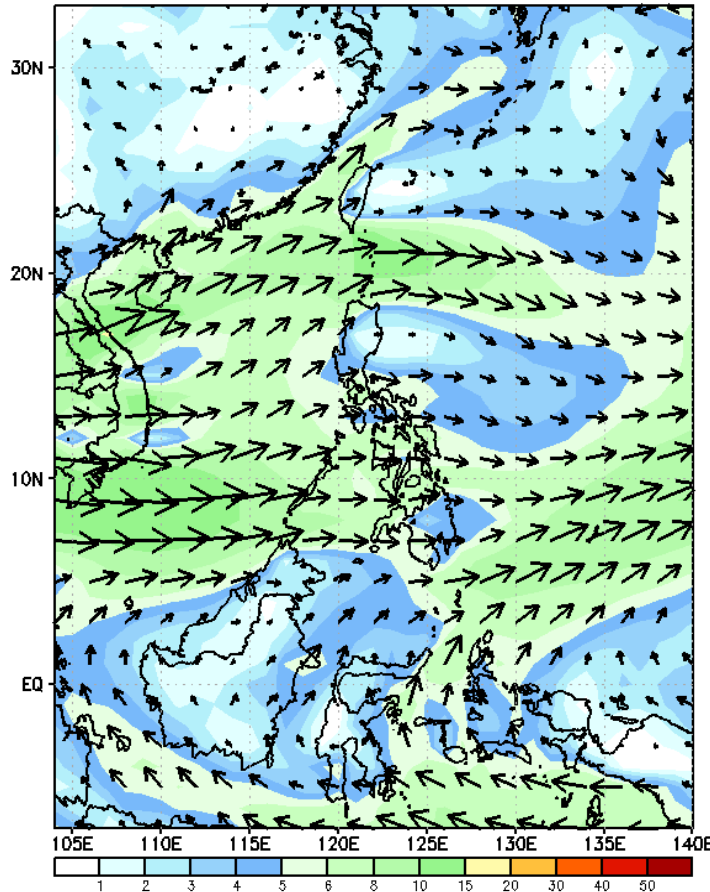
# Week 1 & Week 2 Forecast for the Philippines using GEFS Model



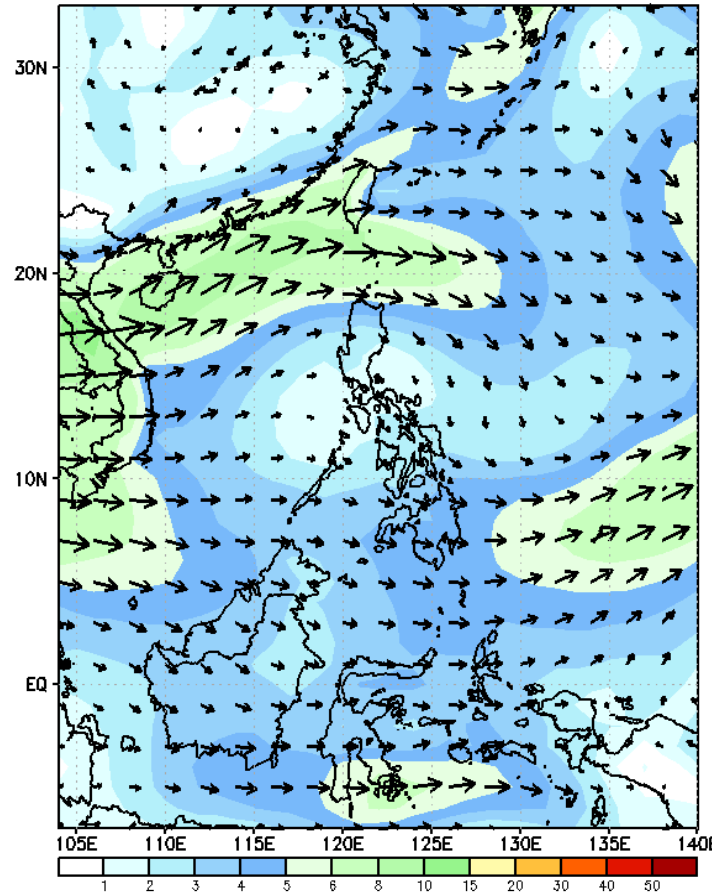
# GEFS Week-1 Forecasts: Wind Forecast

Week 1: Aug 09-15, 2023

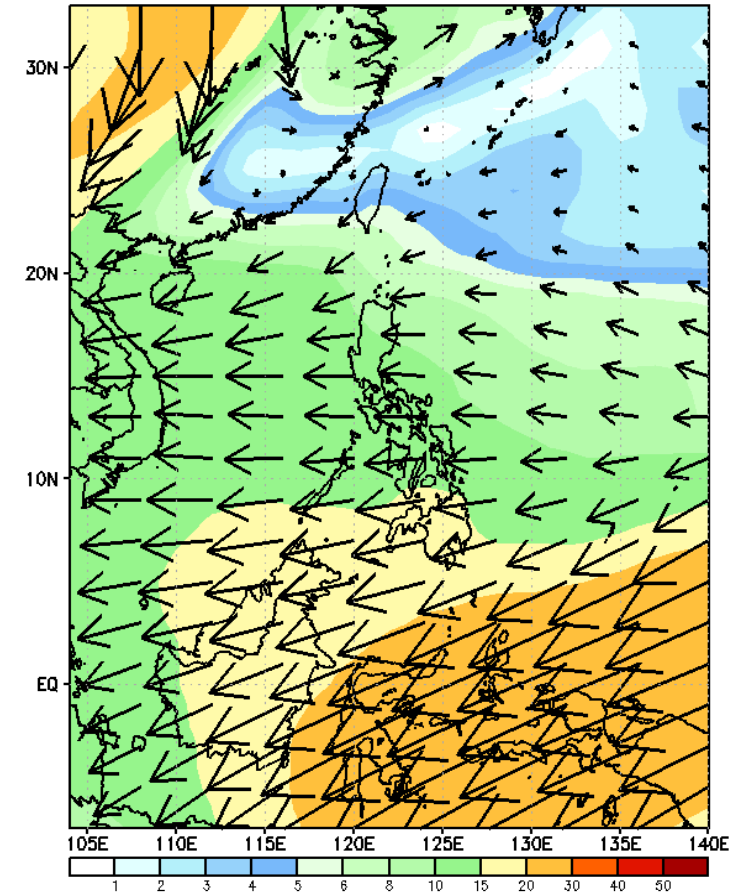
GEFS Week-1 850-hPa Wind Total  
Valid: 20230809 - 20230815



GEFS Week-1 700-hPa Wind Total  
Valid: 20230809 - 20230815



GEFS Week-1 200-hPa Wind Total  
Valid: 20230809 - 20230815



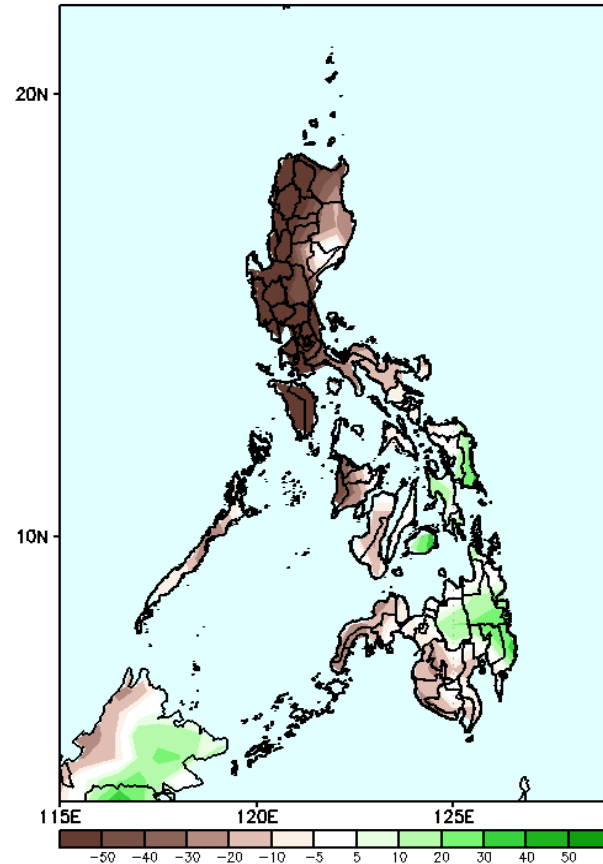
Southwest Monsoon is forecasted to prevail over the western portions of the country.

# Precipitation Anomaly and Exceedance Probability > 25/50 mm



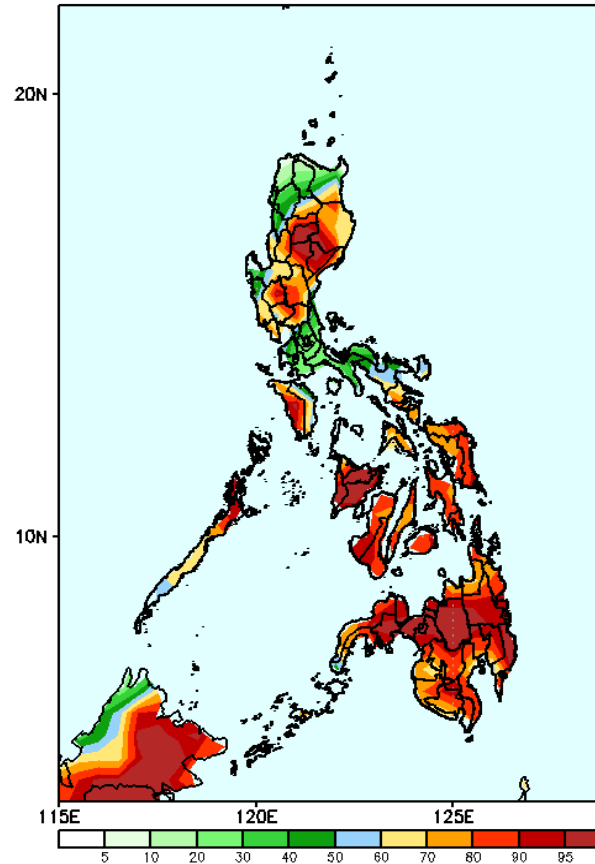
Week 1: Aug 09-15, 2023

GEFS Week-1 Precip Anomaly  
Valid: 20230809 - 20230815



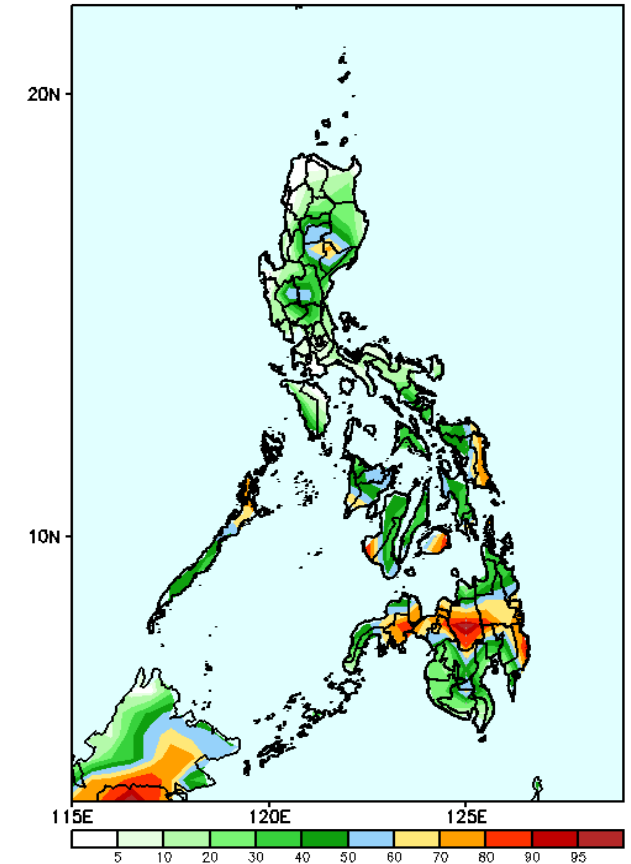
Rainfall deficit of upto 100mm is expected in most parts of Luzon and 40-60mm for the remaining parts of the country except in Eastern Visayas, Bohol, Eastern Mindanao and Bukidnon where a 40-60mm increase of rainfall will be likely.

GEFS Week-1 Exceedance Prob. > 25mm  
Valid: 20230809 - 20230815



High to a very high probability to exceed 25mm over the Visayas, Mindanao, Occidental Mindoro, Northern Palawan, Masbate, Albay, Sorsogon, and most parts of Cagayan Valley and Central Luzon while low to moderate likelihood over the rest of the country.

GEFS Week-1 Exceedance Prob. > 50mm  
Valid: 20230809 - 20230815



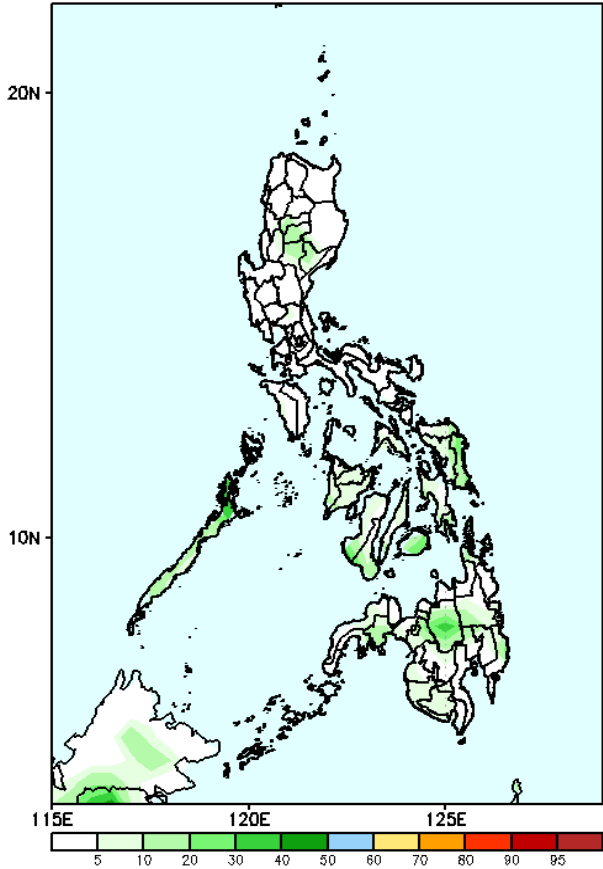
Moderate to high probability to exceed 50mm of rainfall over Visayas, Mindanao, Palawan, Nueva Vizcaya, Quirino, and Mountain Province while low to moderate likelihood over the rest of the country.

# Exceedance Probability > 100/150/200 mm

Week 1: Aug 09-15, 2023

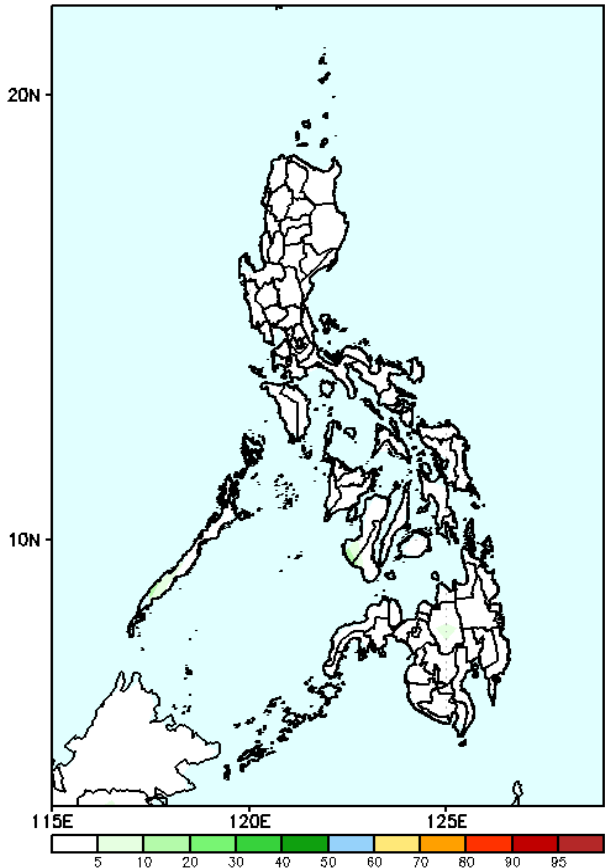
- Very high probability
- High Probability
- Moderate Probability
- Low Probability

GEFS Week-1 Exceedance Prob. > 100mm  
Valid: 20230809 - 20230815



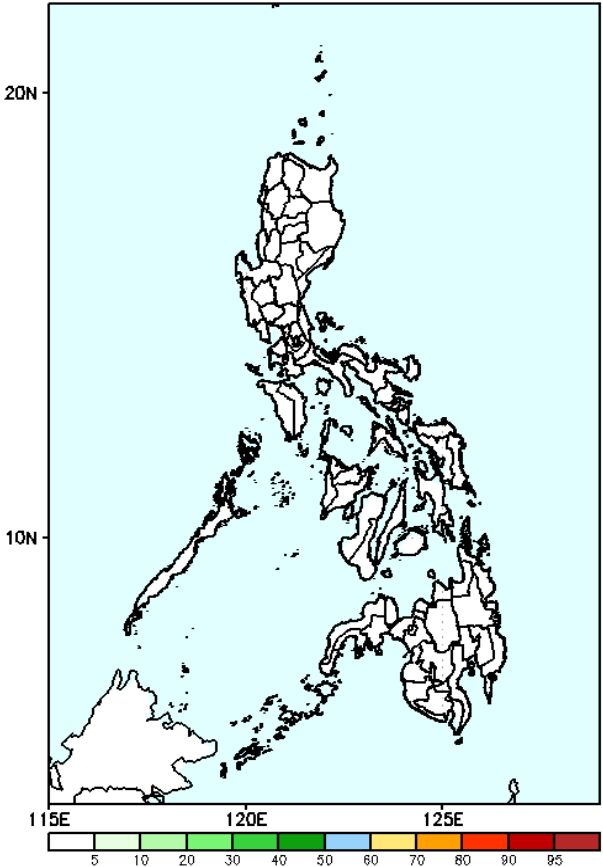
Low probability to exceed 100mm of rainfall over the rest of the country.

GEFS Week-1 Exceedance Prob. > 150mm  
Valid: 20230809 - 20230815



Low probability to exceed 150mm of rainfall over the rest of the country.

GEFS Week-1 Exceedance Prob. > 200mm  
Valid: 20230809 - 20230815



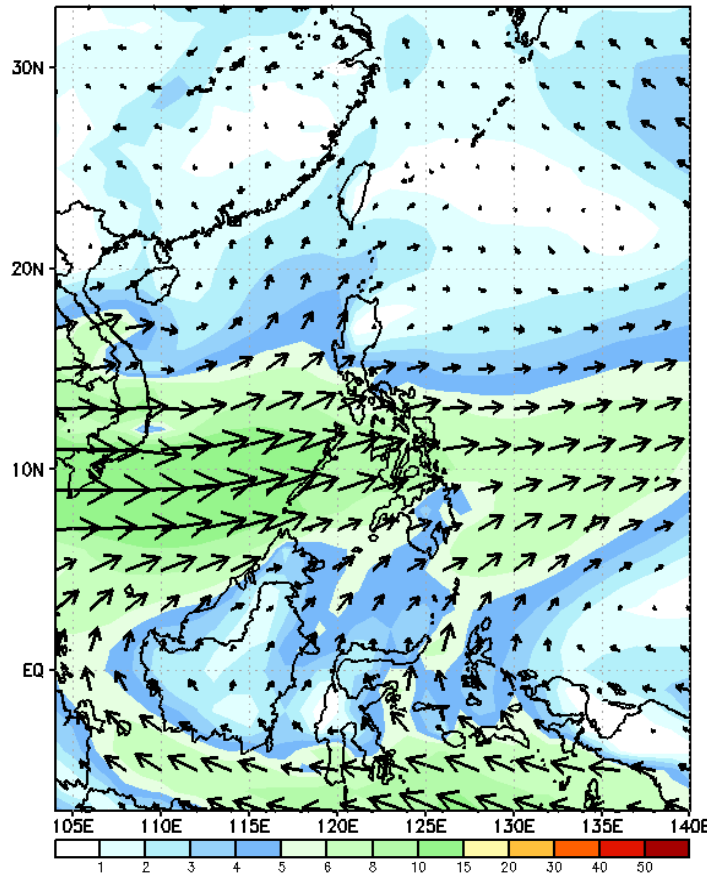
Low probability to exceed 200mm of rainfall over the rest of the country.



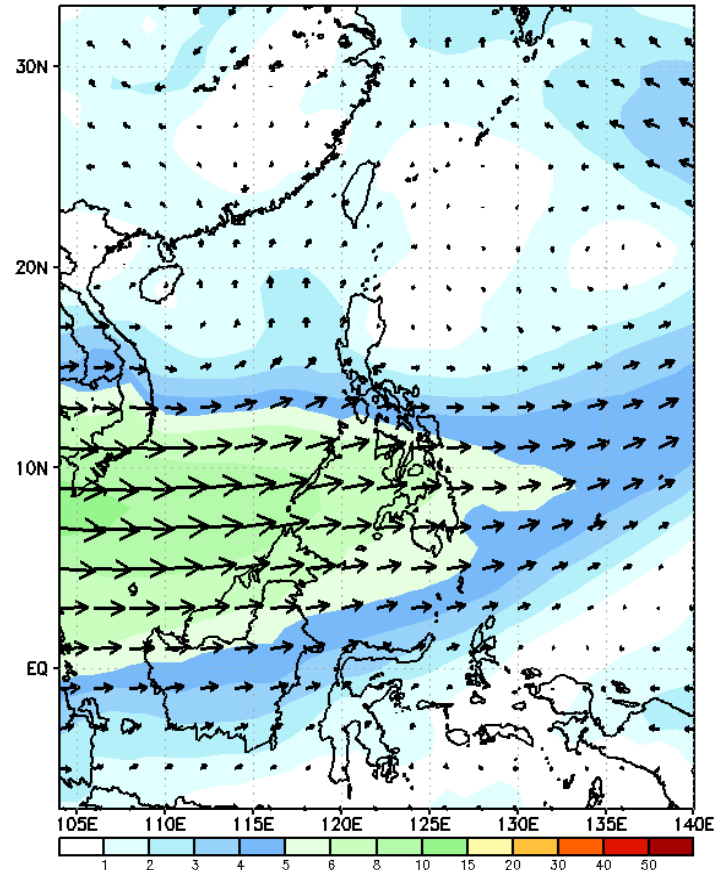
# GEFS Week-2 Forecasts: Wind Forecast

Week 2: Aug 16-22, 2023

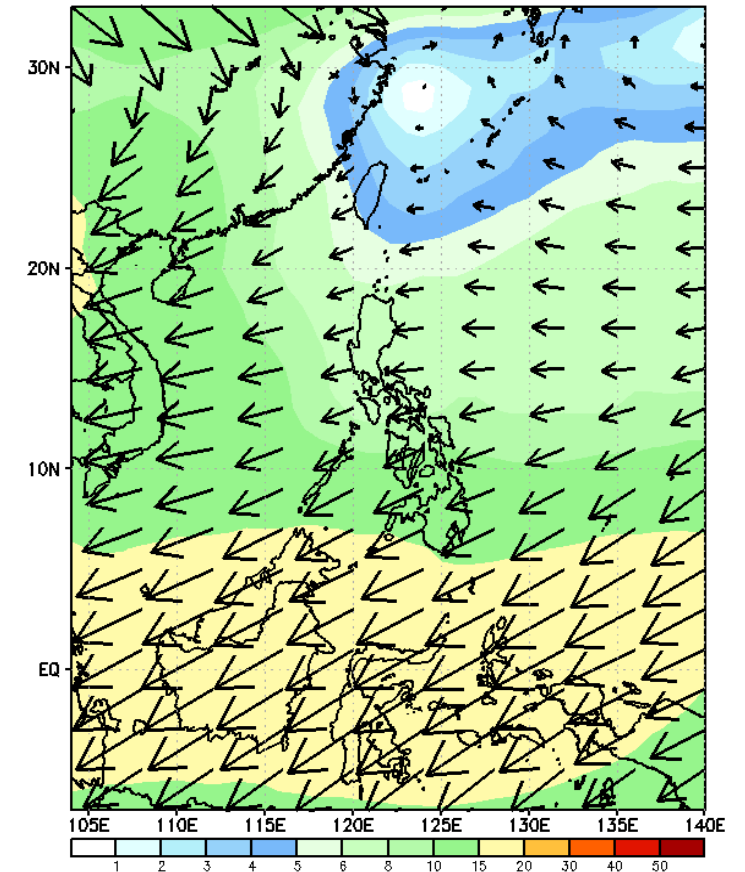
GEFS Week-2 850-hPa Wind Total  
Valid: 20230816 - 20230822



GEFS Week-2 700-hPa Wind Total  
Valid: 20230816 - 20230822

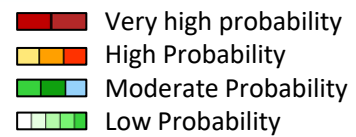


GEFS Week-2 200-hPa Wind Total  
Valid: 20230816 - 20230822



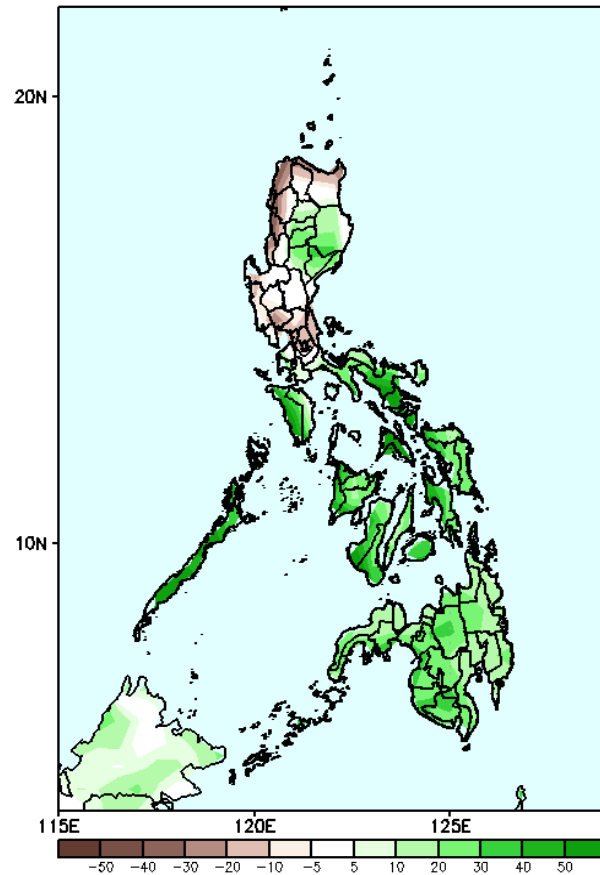
Southwest Monsoon is forecasted to prevail in most parts of Western Luzon and Western Visayas.

# Precipitation Anomaly and Exceedance Probability > 25/50 mm



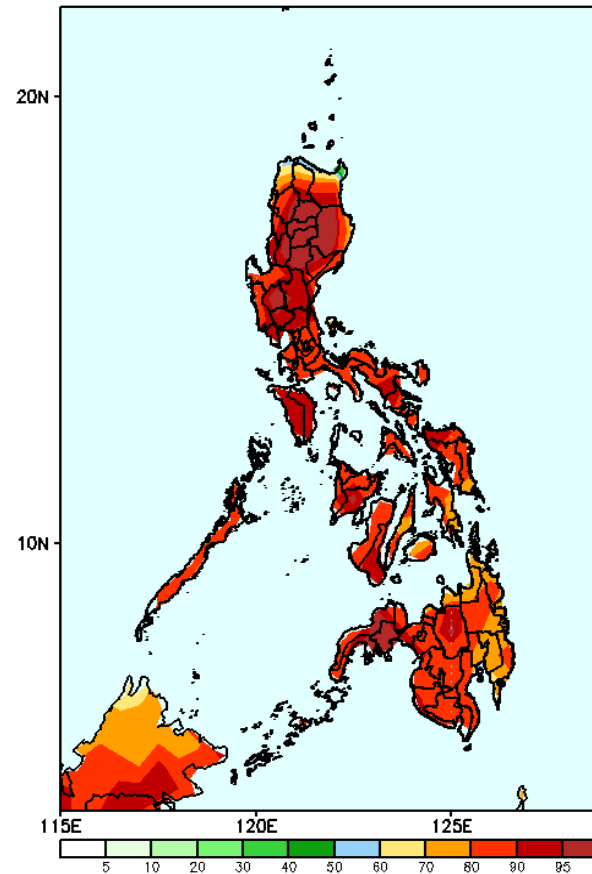
Week 2: Aug 16-22, 2023

GEFS Week-2 Precip Anomaly  
Valid: 20230816 - 20230822



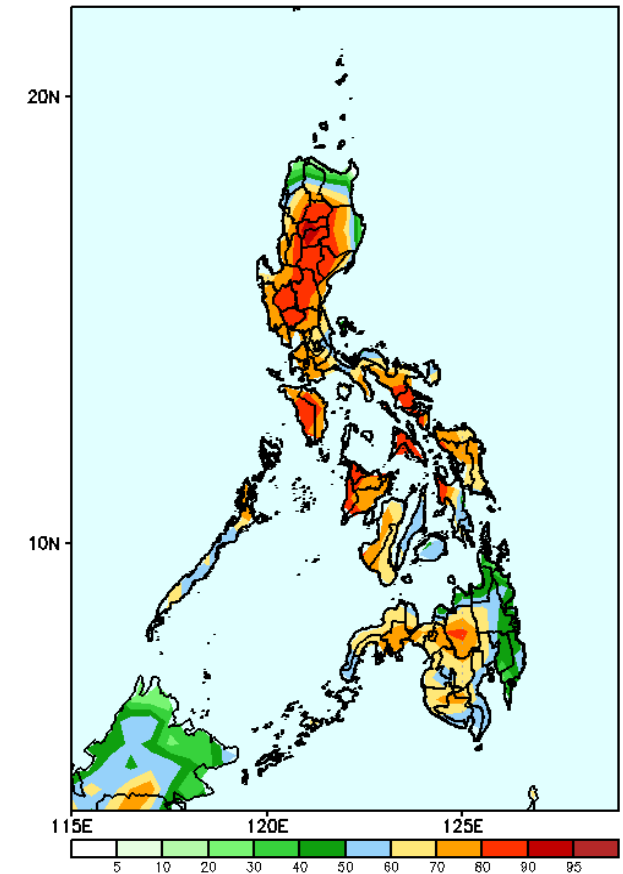
An increase in 60-80mm of rainfall is expected in most parts of the country except in Ilocos Region, Apayao, Cagayan and most parts of Central where a rainfall deficit of 20-40mm will be likely.

GEFS Week-2 Exceedance Prob. > 25mm  
Valid: 20230816 - 20230822



High to a very high probability to exceed 25mm across the country.

GEFS Week-2 Exceedance Prob. > 50mm  
Valid: 20230816 - 20230822



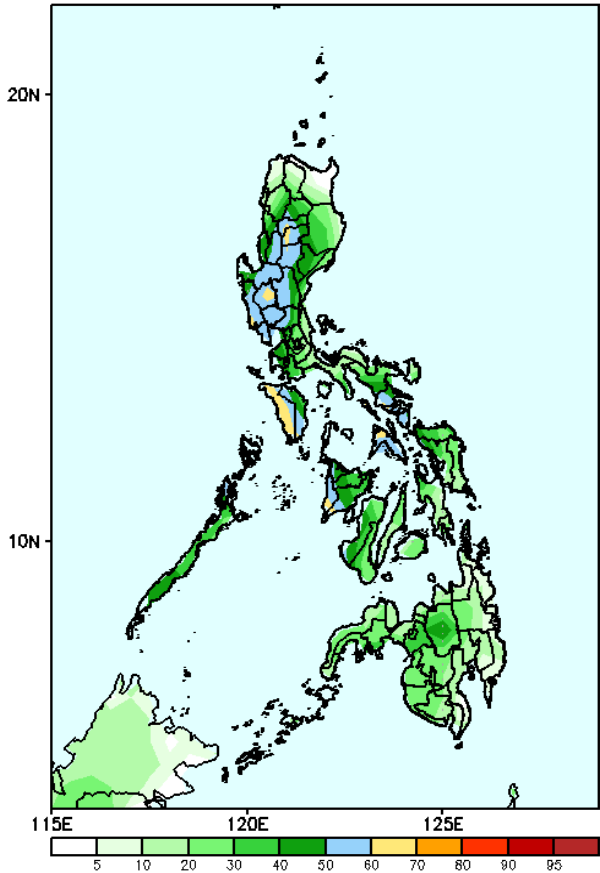
Moderate to high probability to exceed 50mm of rainfall across the country.

# Exceedance Probability > 100/150/200 mm

Week 2: Aug 16-22, 2023

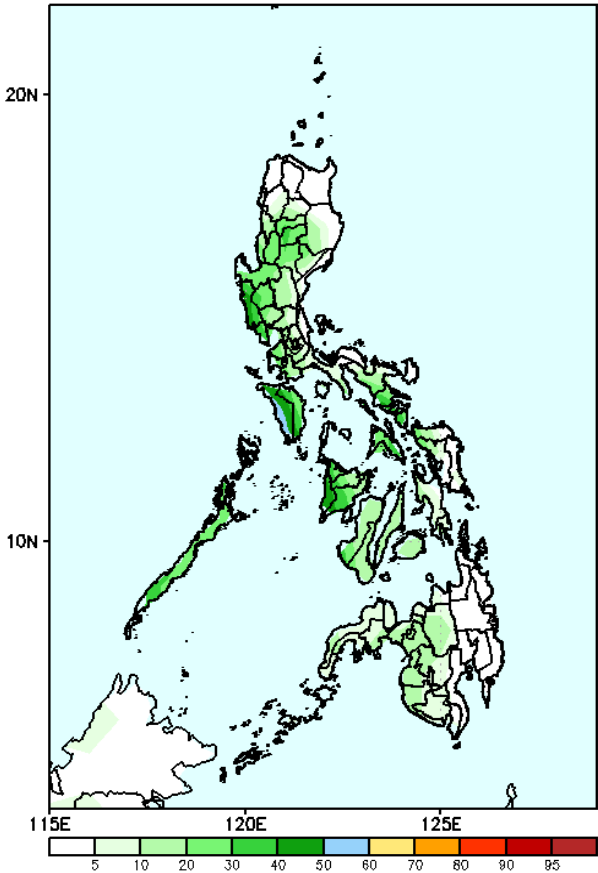
- Very high probability
- High Probability
- Moderate Probability
- Low Probability

GEFS Week-2 Exceedance Prob. > 100mm  
Valid: 20230816 – 20230822



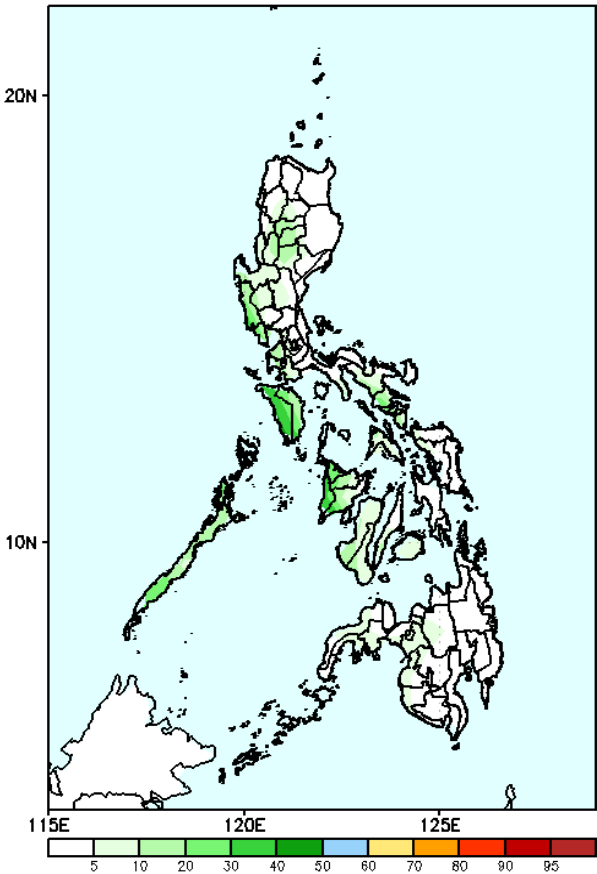
Moderate to high probability to exceed 100mm of rainfall in Central Luzon, Masbate, Sorsogon Mindoro Provinces, Panay island, and southern portions of CAR and Ilocos region while low chance over the rest of the country.

GEFS Week-2 Exceedance Prob. > 150mm  
Valid: 20230816 – 20230822



Low probability to exceed 150mm of rainfall over the rest of the country.

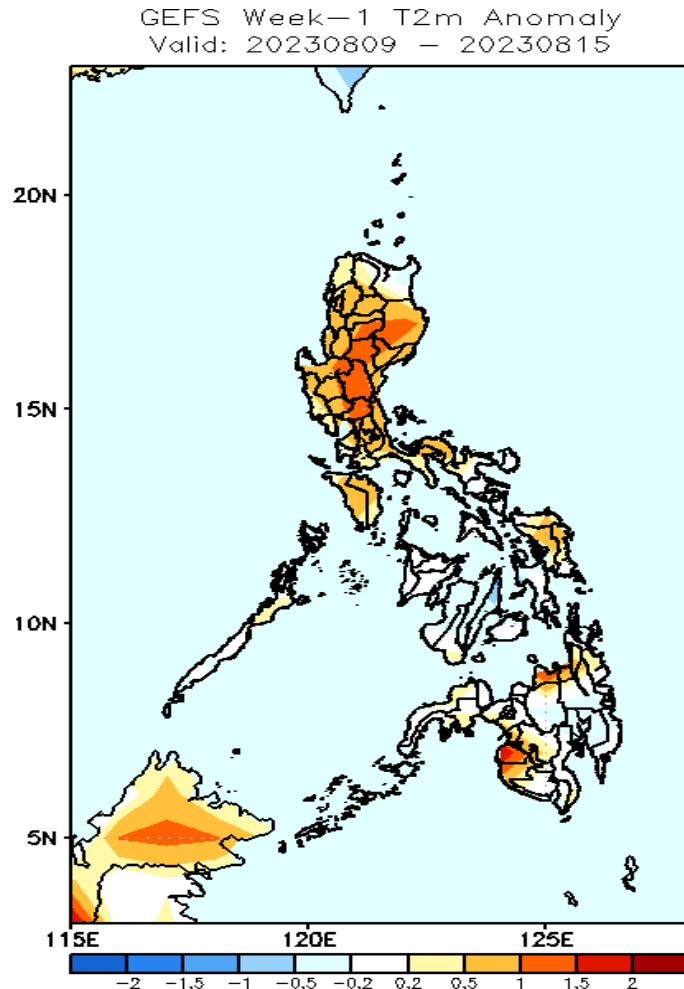
GEFS Week-2 Exceedance Prob. > 200mm  
Valid: 20230816 – 20230822



Low probability to exceed 200mm of rainfall over the rest of the country.

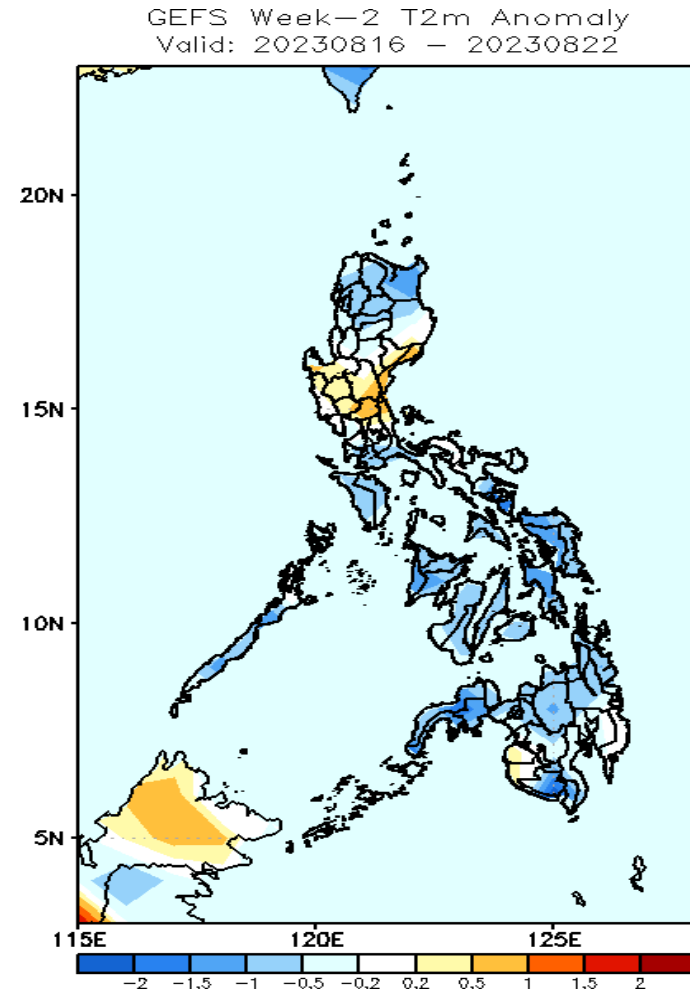


# GEFS Week-1 & 2 Forecasts: T2m Anomaly



## 2m Temperature Week 1: Aug 09-15, 2023

Slightly warmer to warmer than average surface air temperature will likely experience in most parts of the country except Cagayan, Western and Central Visayas, Leyte provinces and Davao region where average to slightly cooler temperature will be likely.



## 2m Temperature Week 2: Aug 16-22, 2023

Slightly cooler to cooler than average surface air temperature will likely experience in most parts of the country except most parts of Central Luzon, Sultan Kudarat and Maguindanao where average to slightly warmer temperature will be likely.