



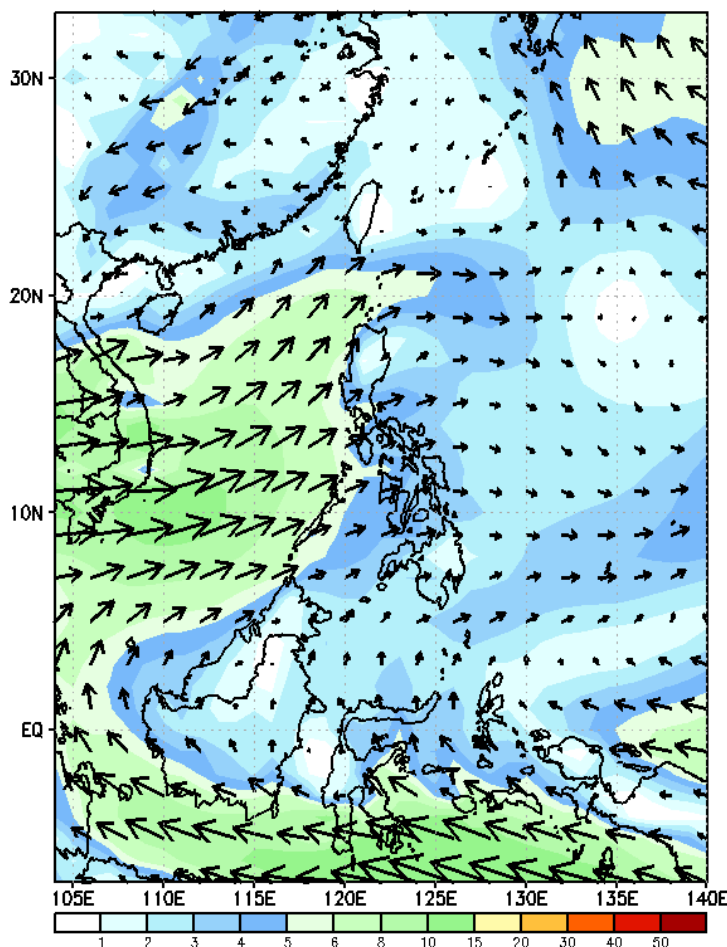
Week 1 & Week 2 Forecast for the Philippines using GEFS Model



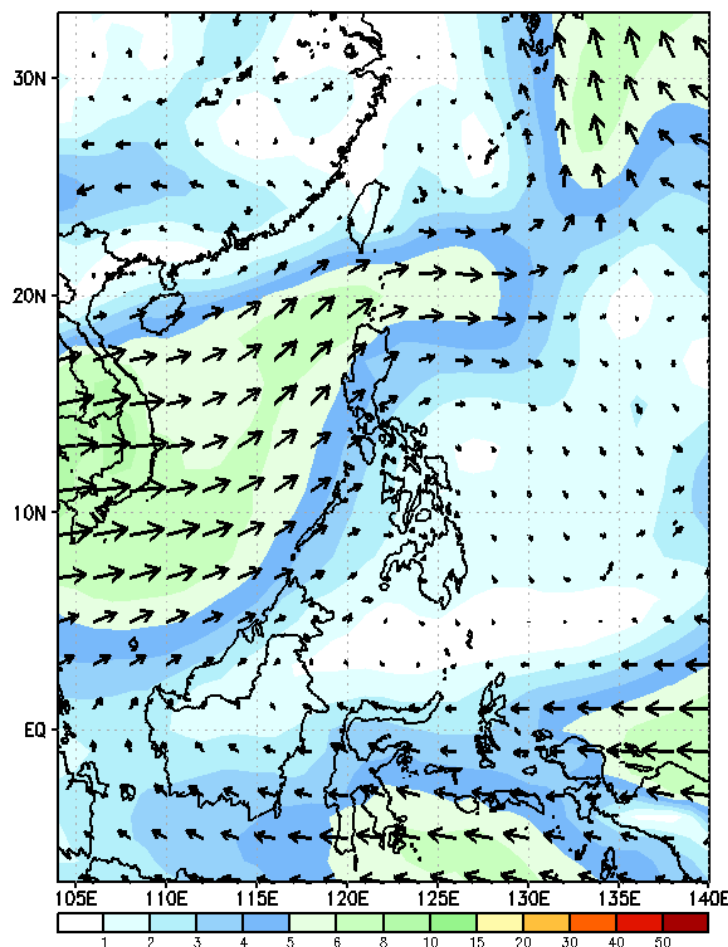
GEFS Week-1 Forecasts: Wind Forecast

Week 1: Sep 8-14, 2023

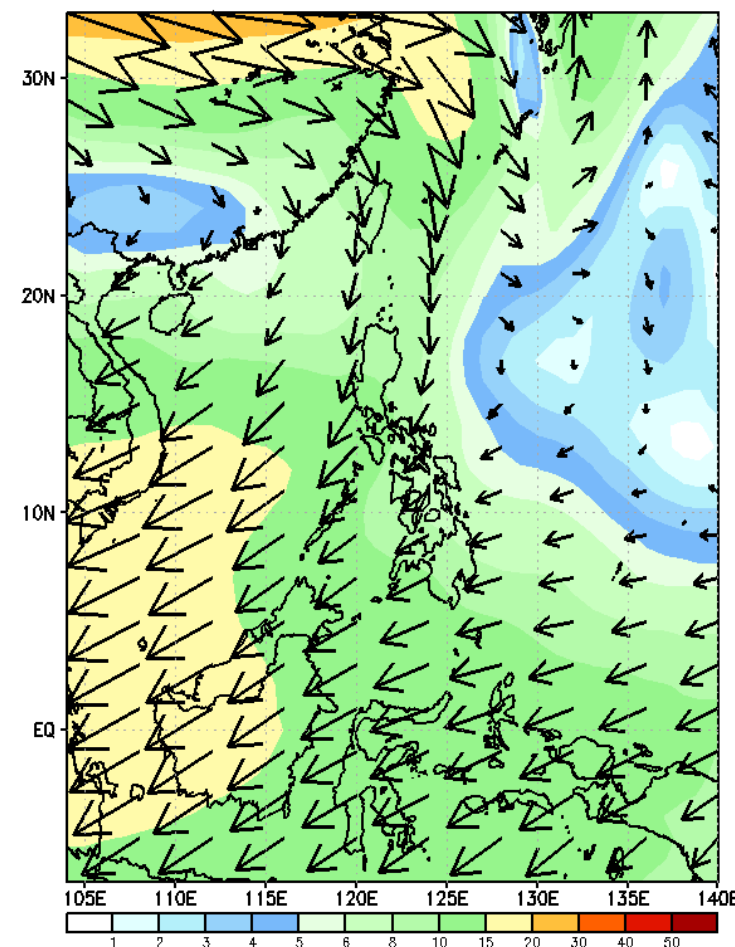
GEFS Week-1 850-hPa Wind Total
Valid: 20230908 - 20230914



GEFS Week-1 700-hPa Wind Total
Valid: 20230908 - 20230914

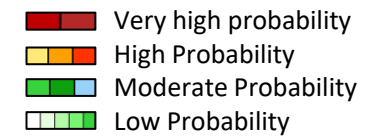


GEFS Week-1 200-hPa Wind Total
Valid: 20230908 - 20230914



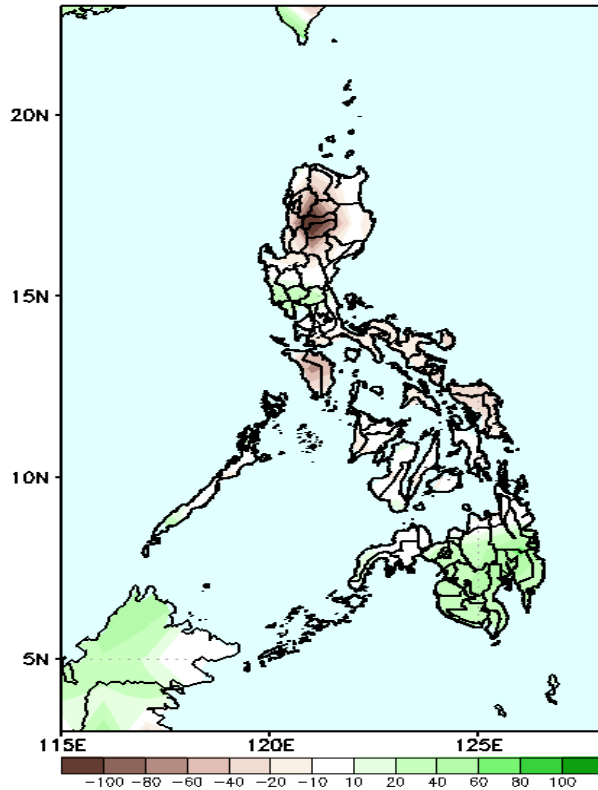
Southwest Monsoon is forecasted to affect the western sections of Luzon. Easterlies affecting Visayas and Mindanao.

Precipitation Anomaly and Exceedance Probability > 25/50 mm



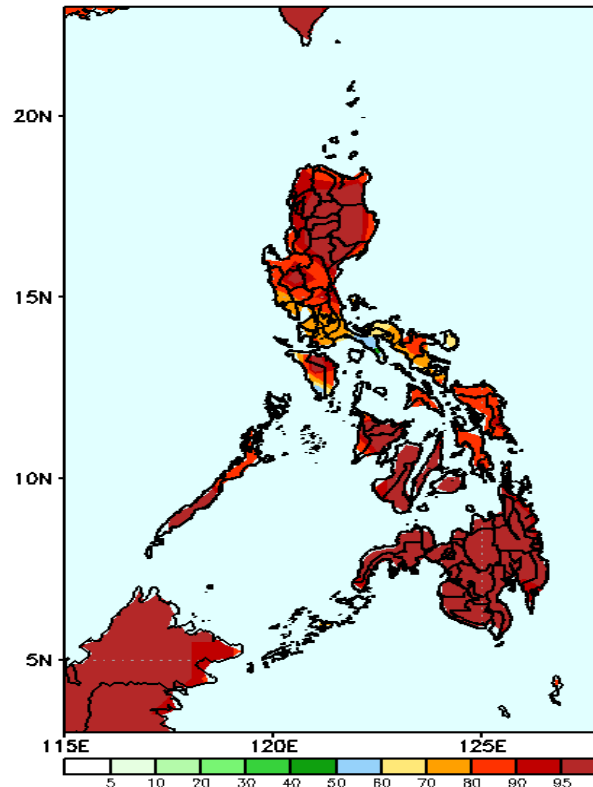
Week 1: Sep 8-14, 2023

GEFS Week-1 Precip Anomaly
Valid: 20230908 - 20230914



Rainfall deficit of more than 100mm is expected in Mt. Province and Ifugao and 20-80mm for the rest of Luzon and Samar provinces while most parts of Mindanao will likely have 40-80mm increase of rainfall.

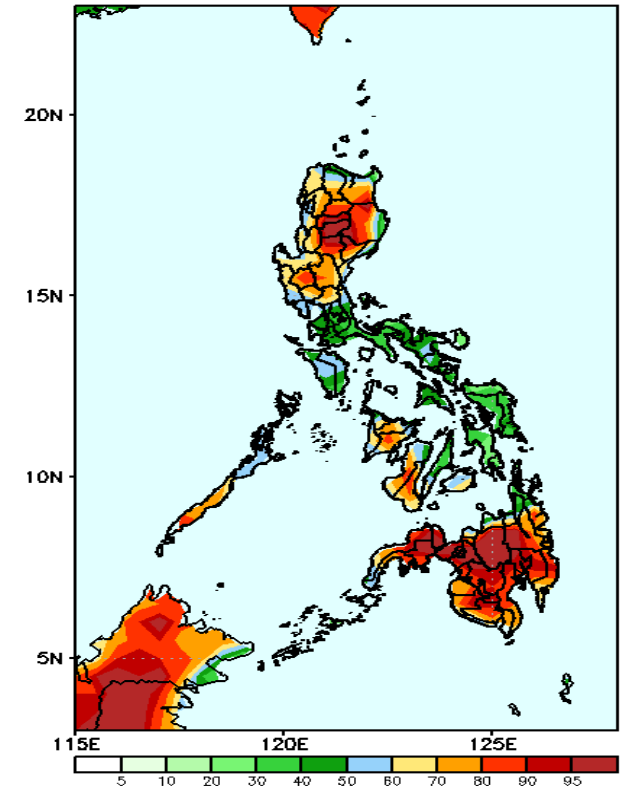
GEFS Week-1 Exceedance Prob. > 25mm
Valid: 20230908 - 20230914



Probability to Exceed 25mm

- High to very high in Mindanao, Visayas, and most parts of Luzon.
- Moderate to high over Quezon and Bicol Region.

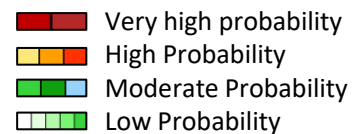
GEFS Week-1 Exceedance Prob. > 50mm
Valid: 20230908 - 20230914



Probability to Exceed 50mm

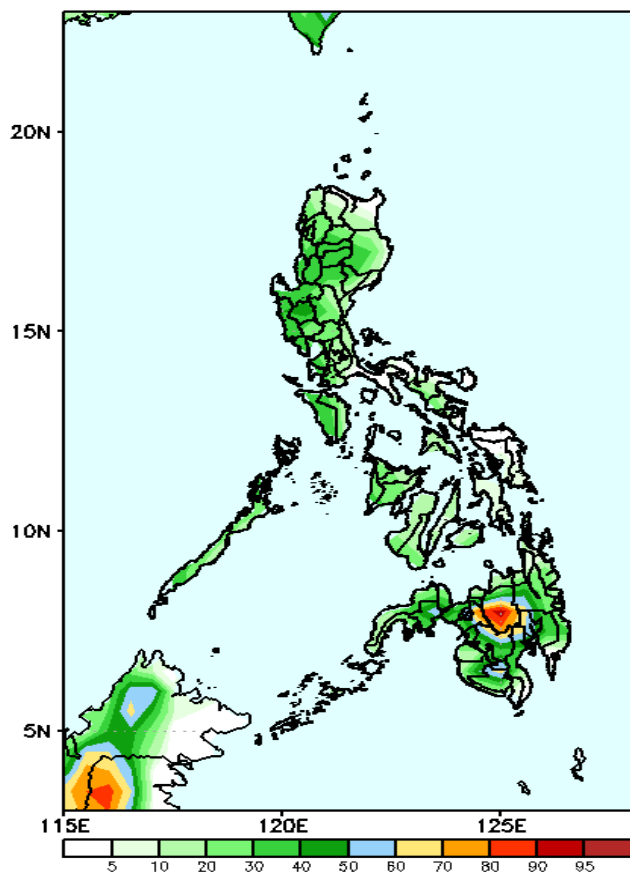
- High to very high in most parts of CAR and Mindanao.
- Moderate to high over the rest of Luzon, Western and Central Visayas, Surigao del Norte, Dinagat Island, and Western most portion of Mindanao
- Low to moderate over Eastern Visayas.

Exceedance Probability > 100/150/200 mm



Week 1: Sep 8-14, 2023

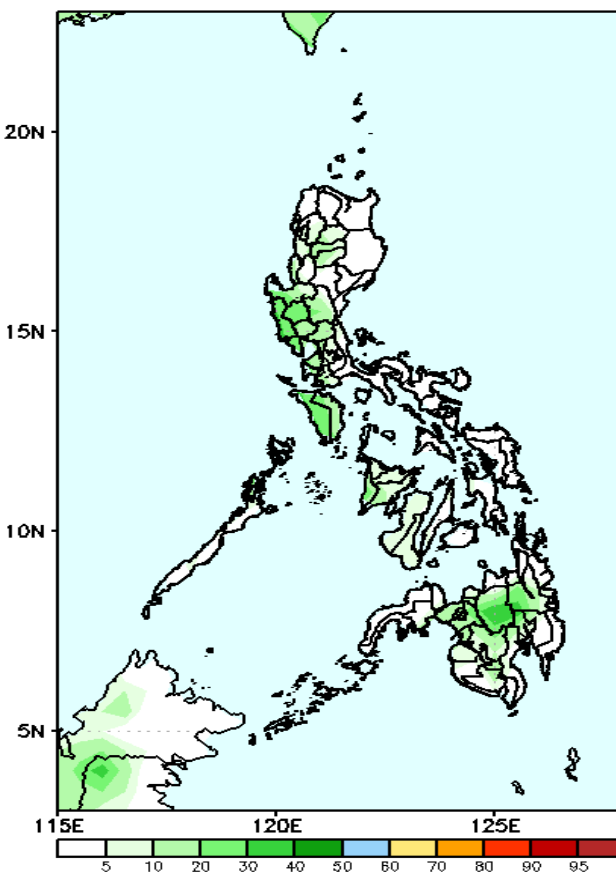
GEFS Week-1 Exceedance Prob. > 100mm
Valid: 20230908 – 20230914



Probability to Exceed 100mm

- Moderate to high over Bukidnon, Lanao del Sur, Cotabato, and Davao City;
- Low over the rest of the country.

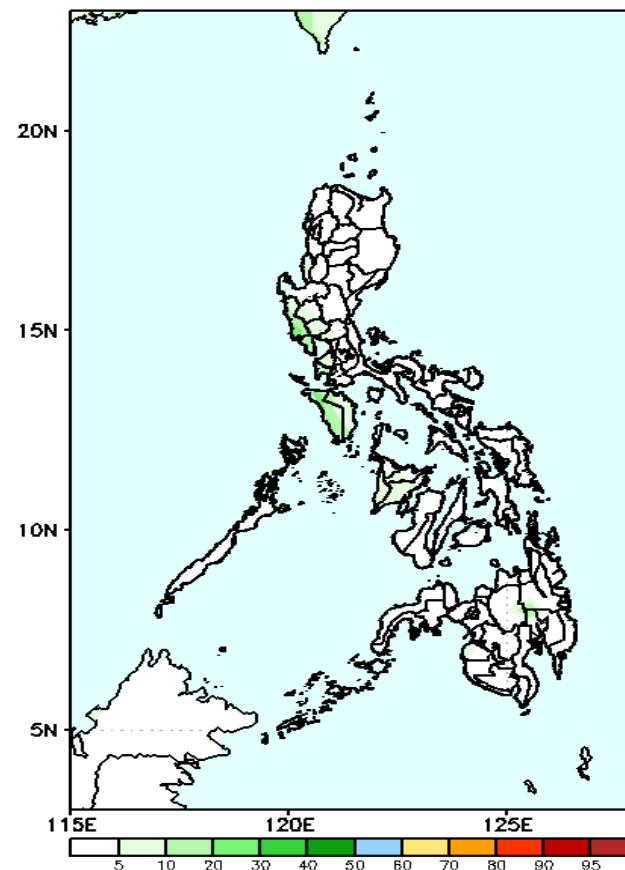
GEFS Week-1 Exceedance Prob. > 150mm
Valid: 20230908 – 20230914



Probability to Exceed 150mm

- Low in most parts of the country.

GEFS Week-1 Exceedance Prob. > 200mm
Valid: 20230908 – 20230914



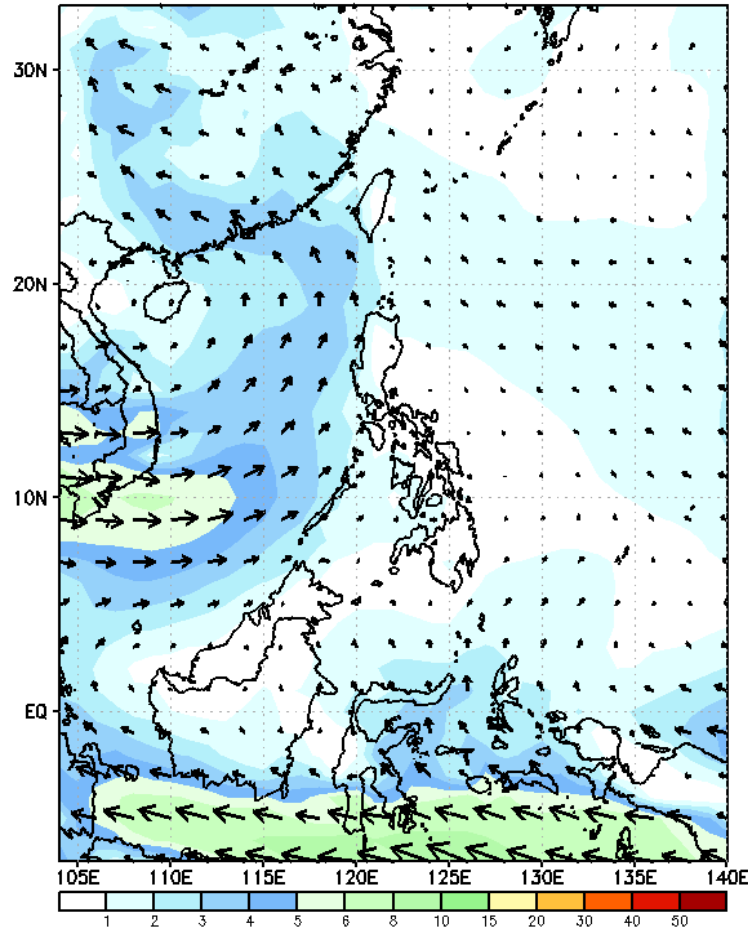
Probability to Exceed 200mm

- Low in most parts of the country.

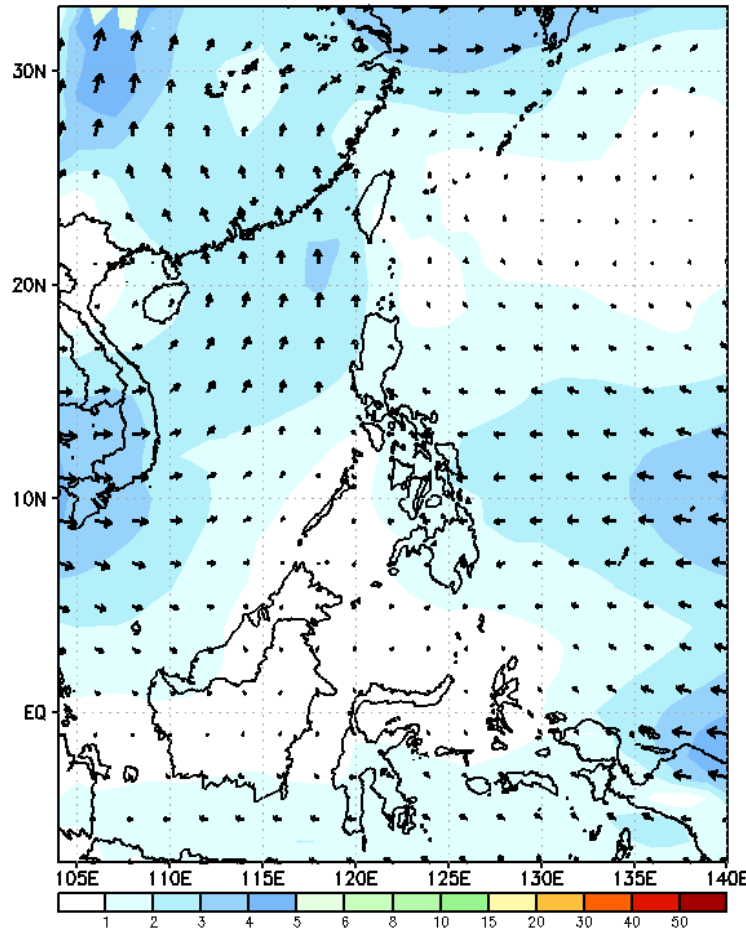
GEFS Week-2 Forecasts: Wind Forecast

Week 2: Sep 15-21, 2023

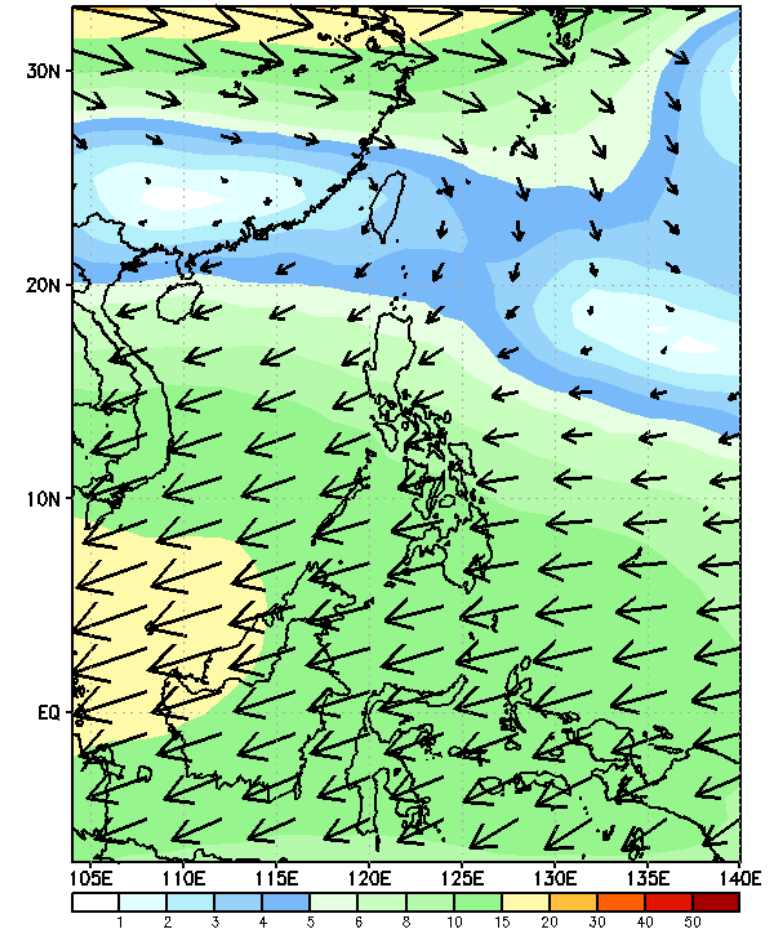
GEFS Week-2 850-hPa Wind Total
Valid: 20230915 - 20230921



GEFS Week-2 700-hPa Wind Total
Valid: 20230915 - 20230921

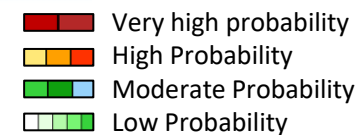


GEFS Week-2 200-hPa Wind Total
Valid: 20230915 - 20230921



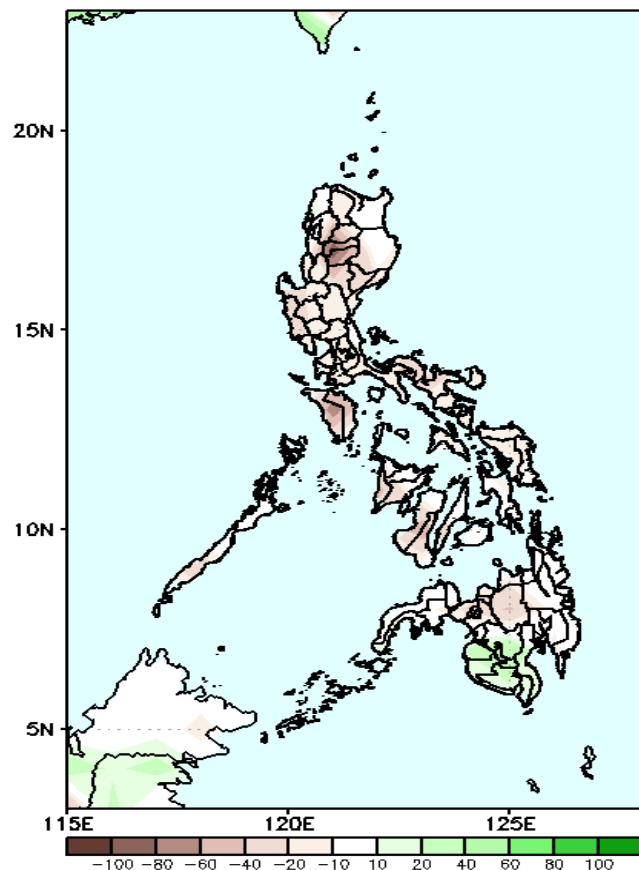
Weak Southwest Monsoon is forecasted to affect the western sections of Luzon. Easterlies affecting Visayas and Mindanao.

Precipitation Anomaly and Exceedance Probability > 25/50 mm



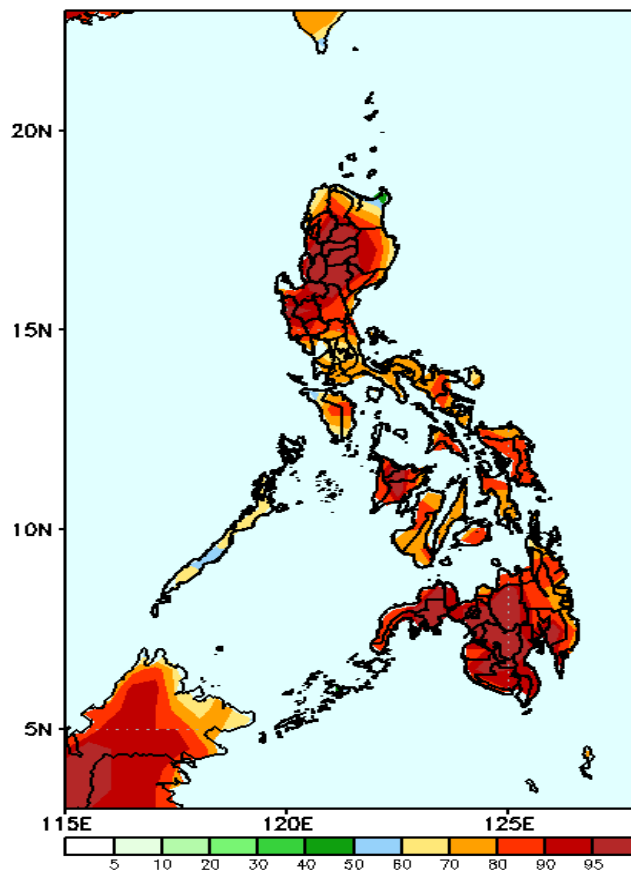
Week 2: Sep 15-21, 2023

GEFS Week-2 Precip Anomaly
Valid: 20230915 - 20230921



Rainfall deficit of 20-80mm is expected in most parts of the country except in southwestern part of Mindanao where 20-40mm increase of rainfall is more likely.

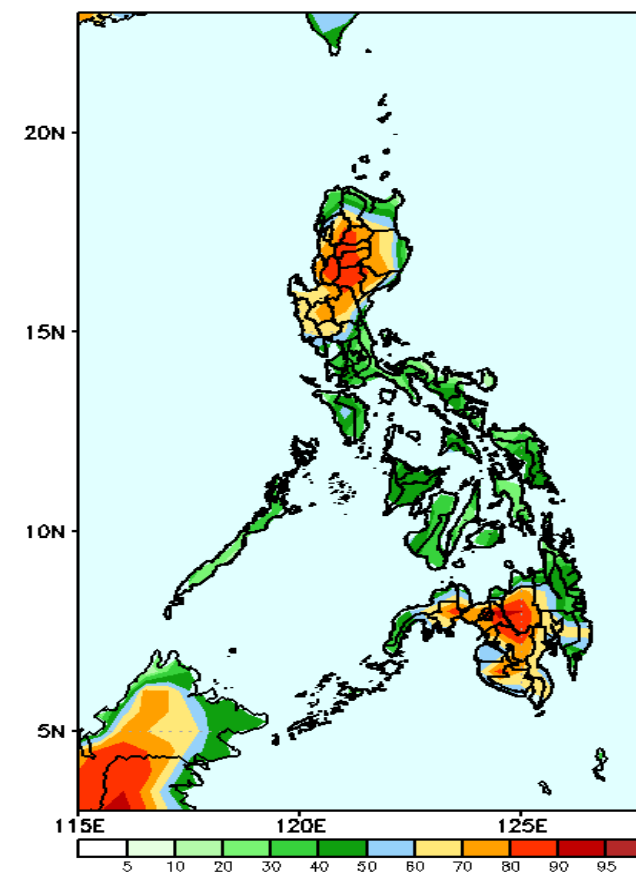
GEFS Week-2 Exceedance Prob. > 25mm
Valid: 20230915 - 20230921



Probability to Exceed 25mm

- High to very high in most parts of the country;
- Moderate to high over Cagayan, MIMAROPA, CALABARZON, and Catanduanes.

GEFS Week-2 Exceedance Prob. > 50mm
Valid: 20230915 - 20230921



Probability to Exceed 50mm

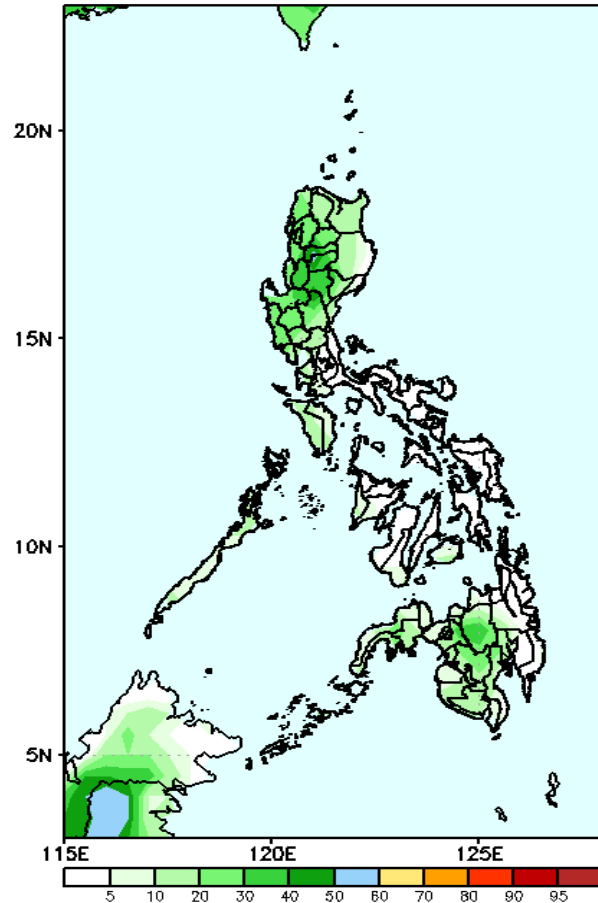
- High to very high in most parts of CAR Bukidnon, Cotabato, and Lanao Provinces;
- Moderate to high over Ilocos Region, Central Luzon, and the rest of Mindanao;
- Low to moderate over the rest of the country.

Exceedance Probability > 100/150/200 mm

Week 2: Sep 15-21, 2023

Very high probability
High Probability
Moderate Probability
Low Probability

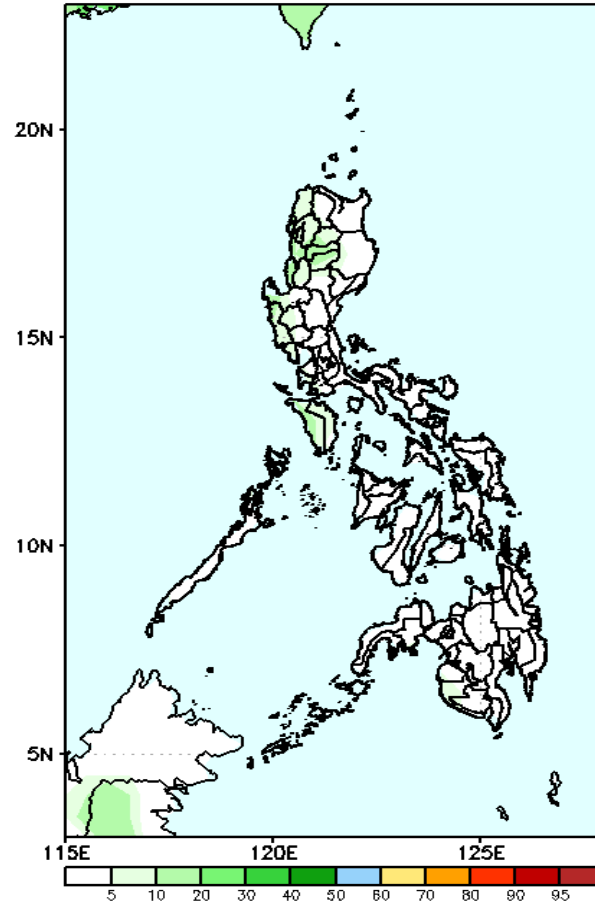
GEFS Week-2 Exceedance Prob. > 100mm
Valid: 20230915 – 20230921



Probability to Exceed 100mm

- Low in most parts of the country.

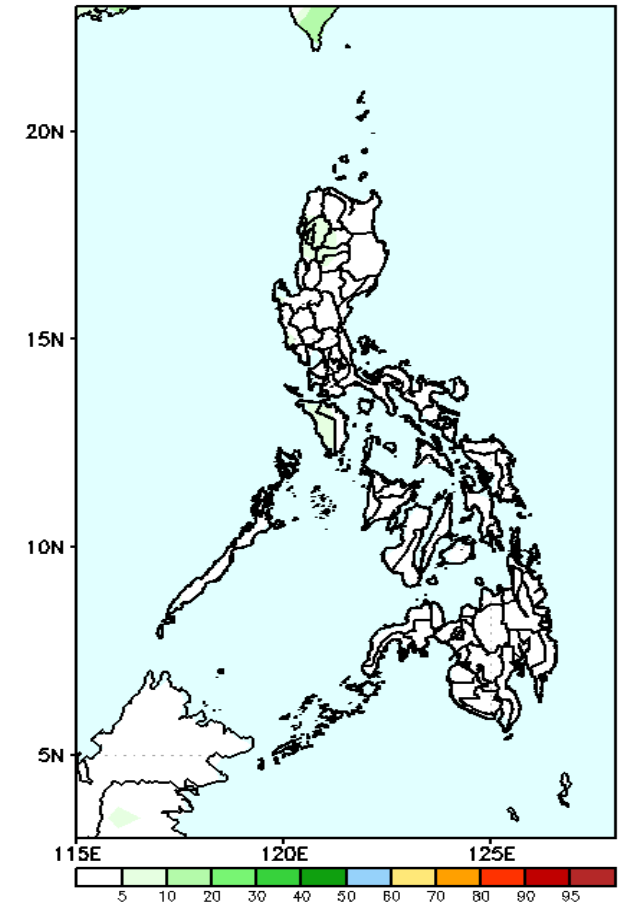
GEFS Week-2 Exceedance Prob. > 150mm
Valid: 20230915 – 20230921



Probability to Exceed 150mm

- Low in most parts of the country.

GEFS Week-2 Exceedance Prob. > 200mm
Valid: 20230915 – 20230921

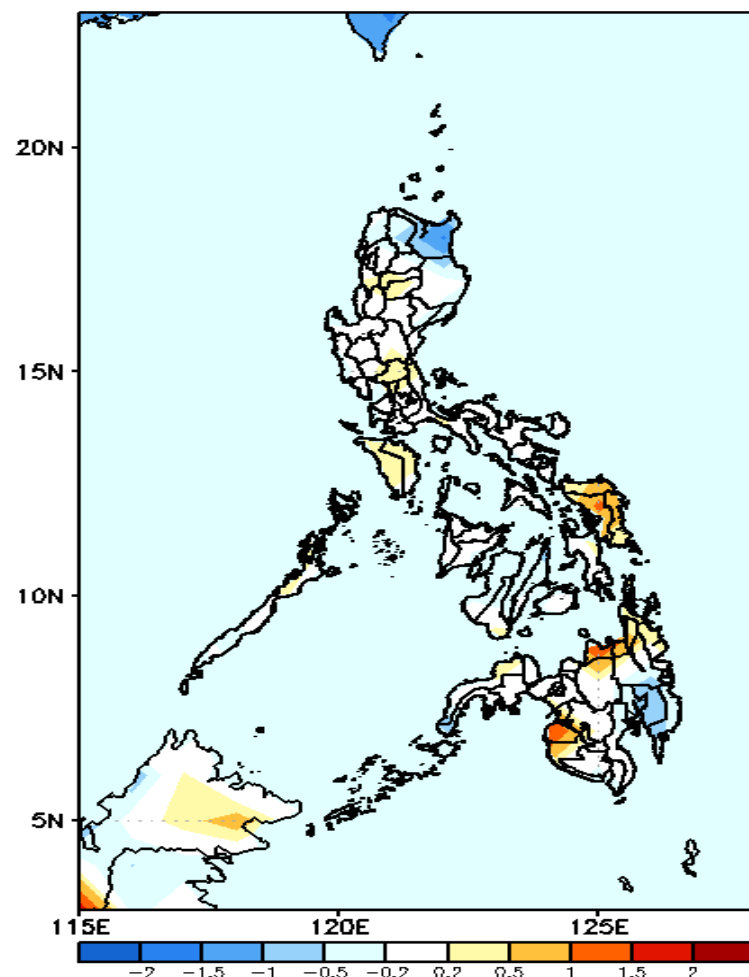


Probability to Exceed 200mm

- Low in most parts of the country.

GEFS Week-1 & 2 Forecasts: T2m Anomaly

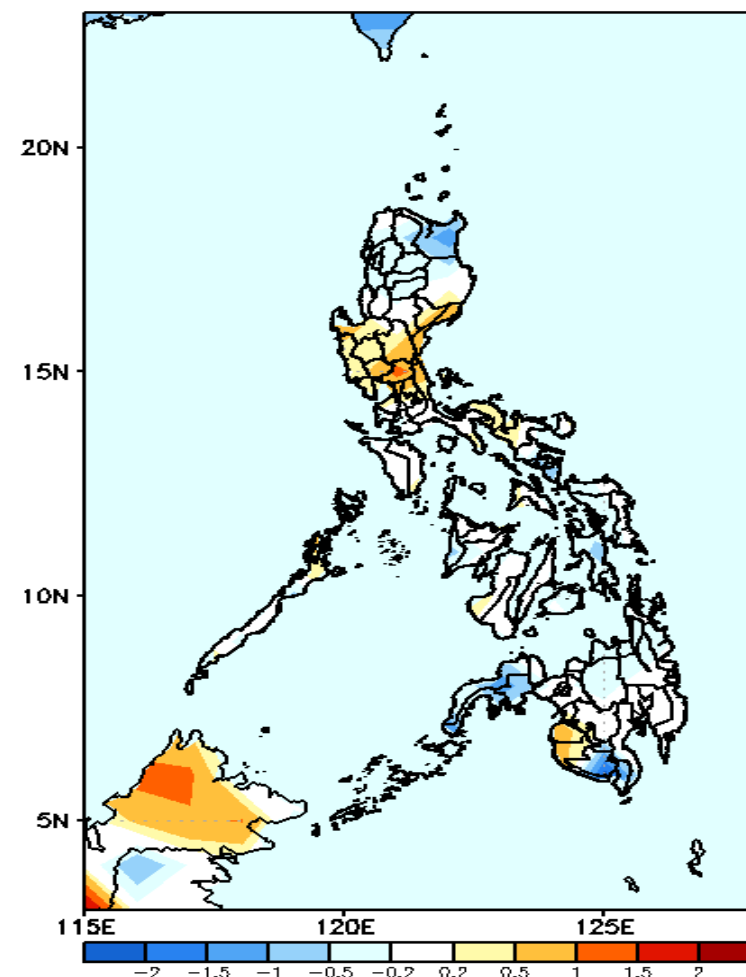
GEFS Week-1 T2m Anomaly
Valid: 20230908 – 20230914



2m Temperature Week 1: Sep 8-14, 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 to cooler than average temperature is expected .

GEFS Week-2 T2m Anomaly
Valid: 20230915 – 20230921



2m Temperature Week 2: Sep 15-21, 2023

Average to warmer than average surface air temperature will likely experience in most parts of the country except in Cagayan, Zamboanga Peninsula, Sarangani and South Cotabato where slightly cooler to cooler than average temperature is expected .