



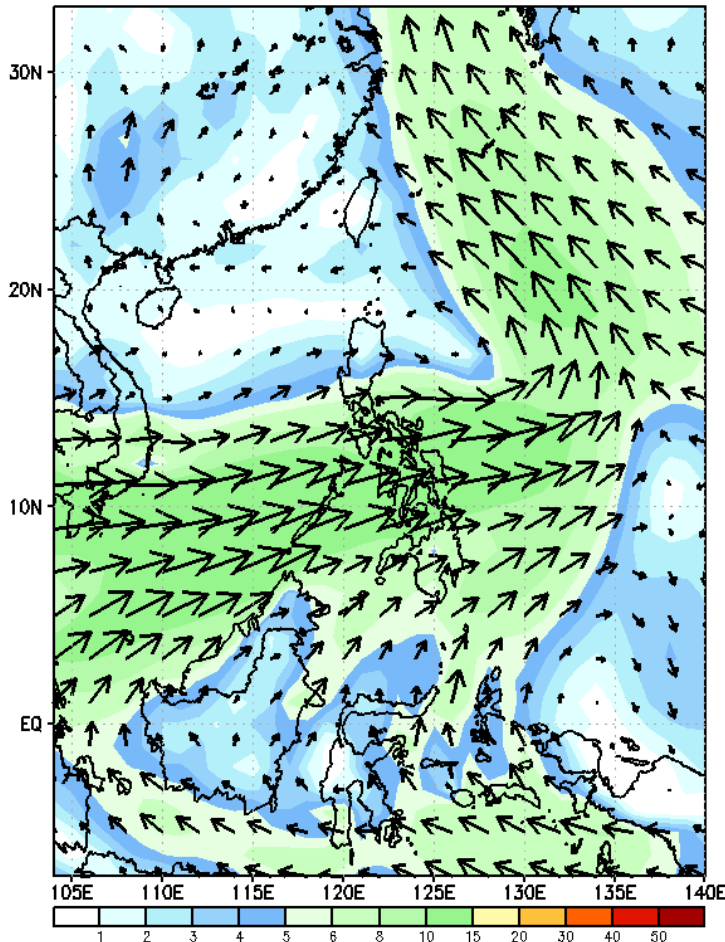
Week 1 & Week 2 Forecast for the Philippines using GEFS Model



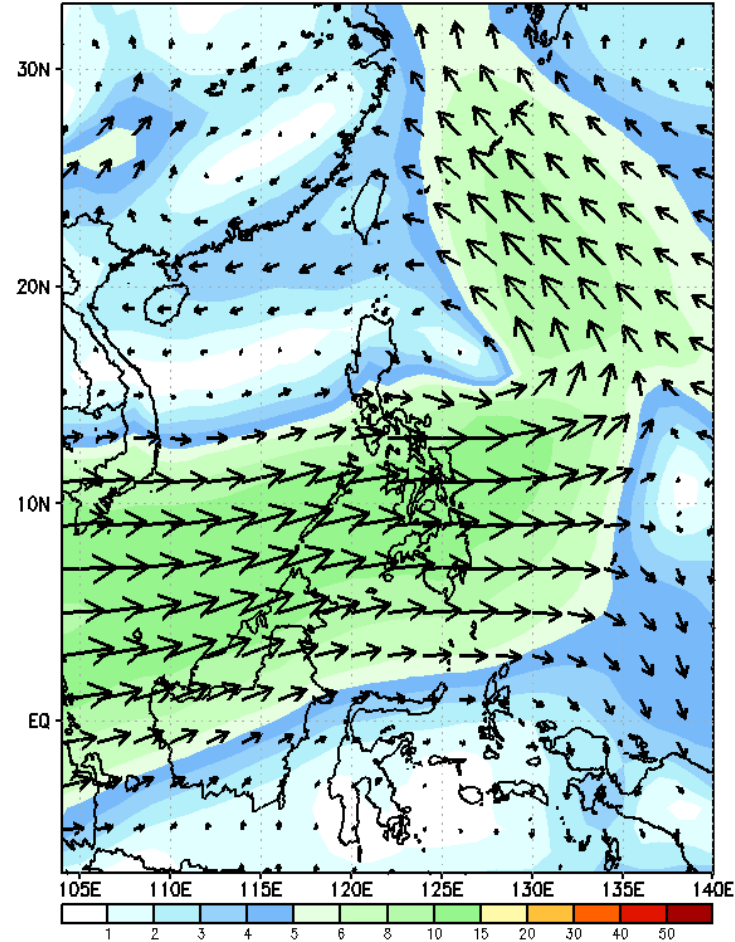
GEFS Week-1 Forecasts: Wind Forecast

Week 1: July 21-27, 2023

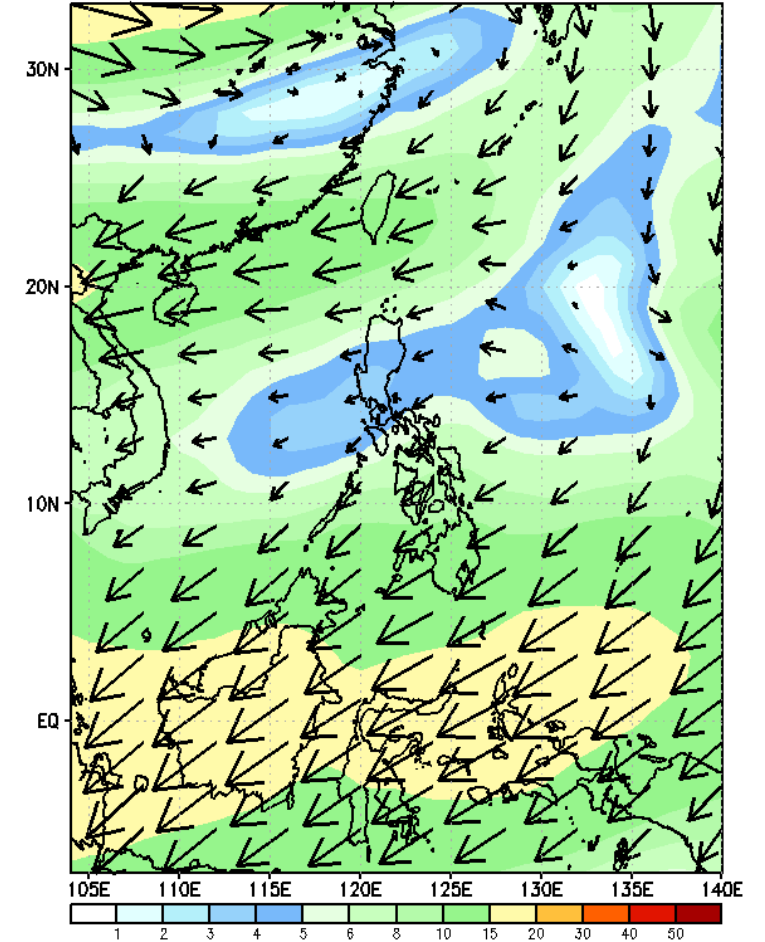
GEFS Week-1 850-hPa Wind Total
Valid: 20230721 - 20230727



GEFS Week-1 700-hPa Wind Total
Valid: 20230721 - 20230727



GEFS Week-1 200-hPa Wind Total
Valid: 20230721 - 20230727



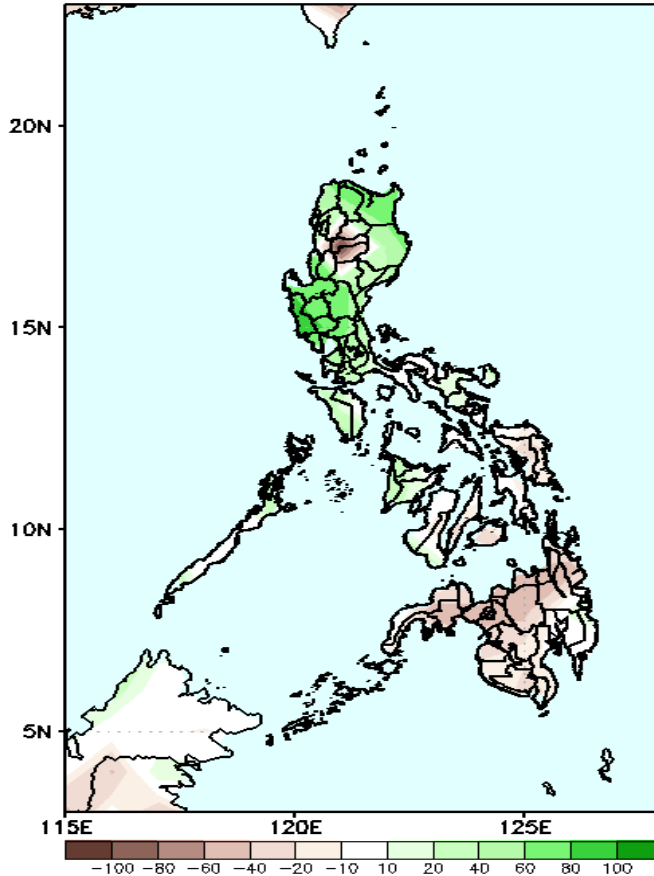
Enhanced Southwest Monsoon is forecasted to affect most parts of the country especially in Central and Southern Luzon and Visayas.

Precipitation Anomaly and Exceedance Probability > 25/50 mm

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

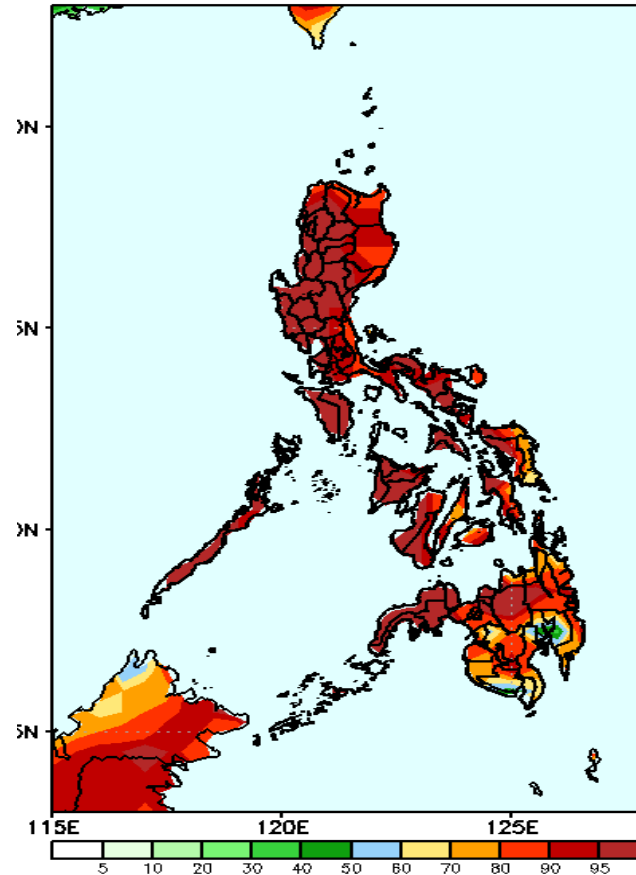
Week 1: July 21-27, 2023

GEFS Week-1 Precip Anomaly
Valid: 20230721 - 20230727



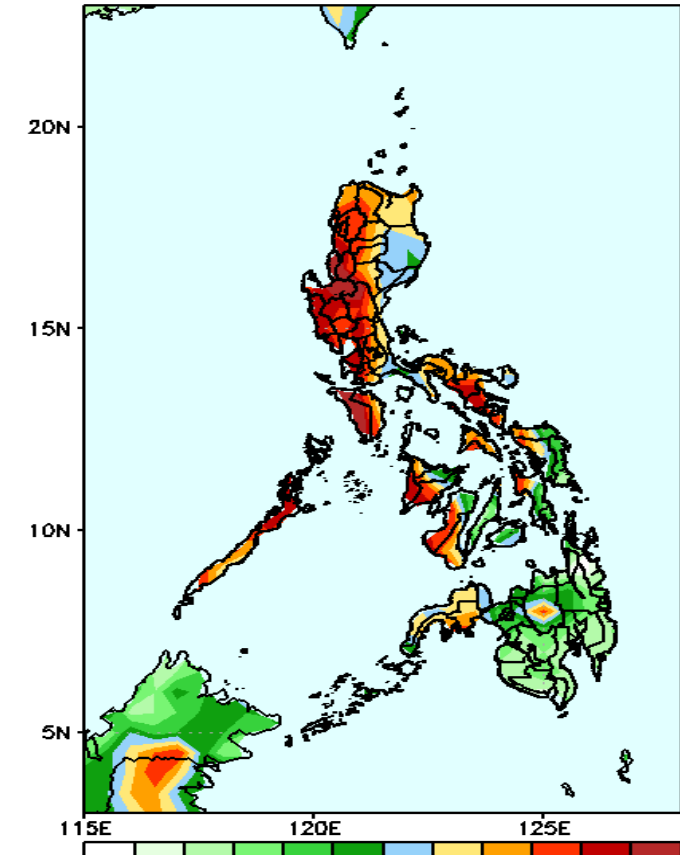
Increase of rainfall of 40-100mm in most parts of Luzon and Panay Island while most of Visayas and Mindanao will likely have 20-80mm rainfall deficit.

EFS Week-1 Exceedance Prob. > 25mm
Valid: 20230721 - 20230727



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

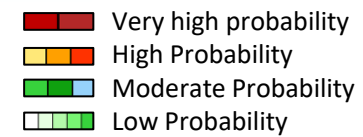
GEFS Week-1 Exceedance Prob. > 50mm
Valid: 20230721 - 20230727



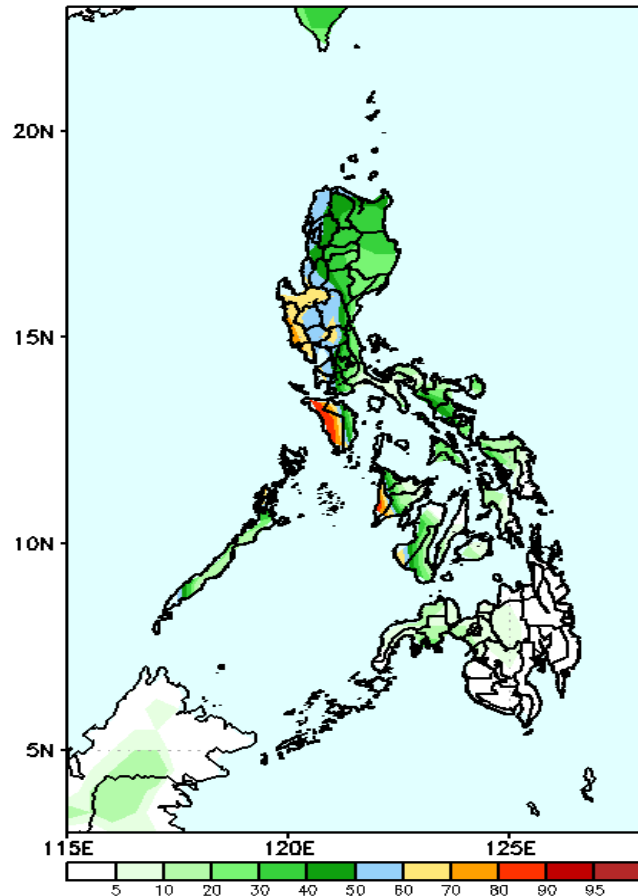
High to a very high probability to exceed 50mm of rainfall over the western parts of Luzon; moderate to high probability over the Visayas, the rest of Luzon, Bukidnon, and Zamboanga Peninsula while a low chance over the rest of Mindanao.

Exceedance Probability > 100/150/200 mm

Week 1: July 21-27, 2023

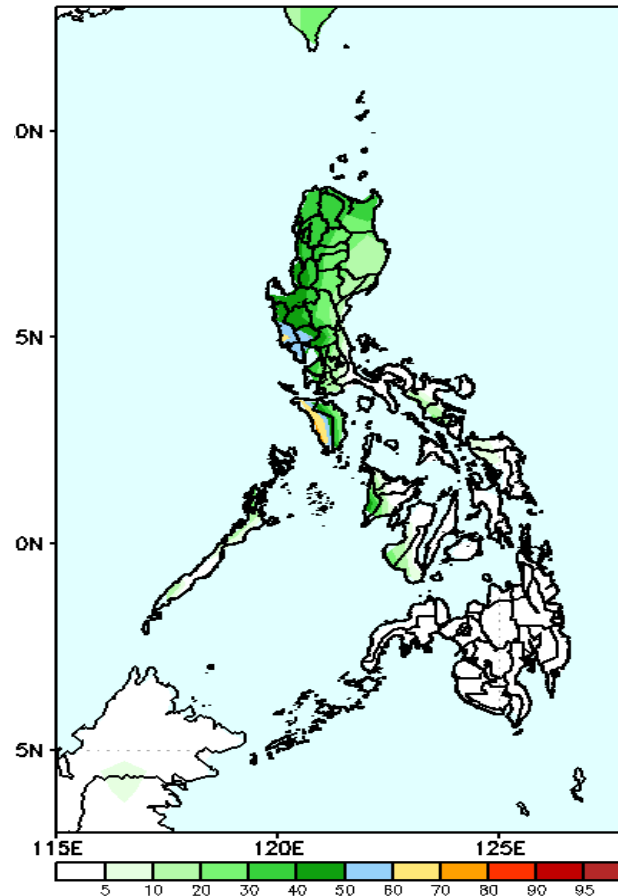


GEFS Week-1 Exceedance Prob. > 100mm
Valid: 20230721 - 20230727



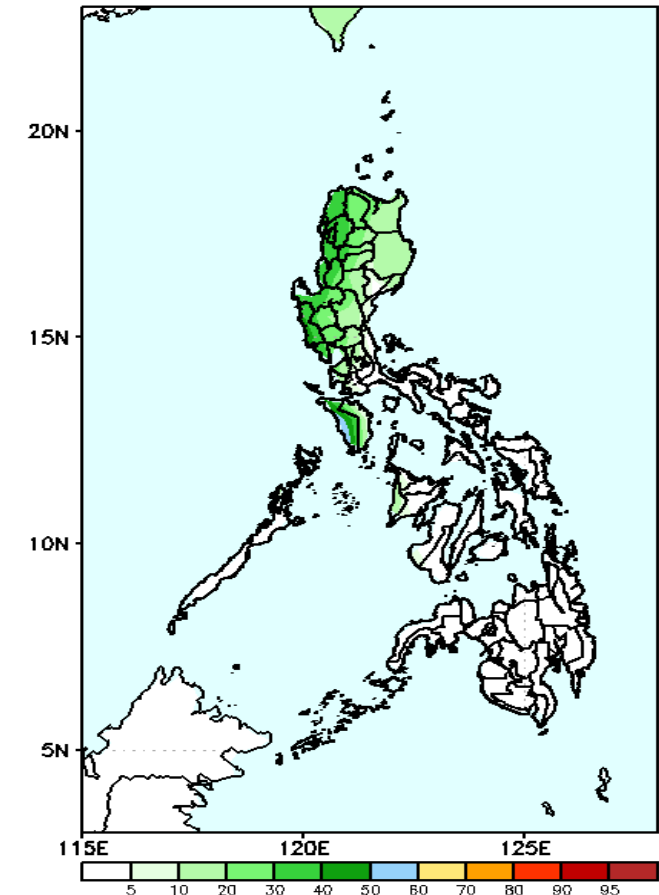
Moderate to high probability to exceed 100mm of rainfall over the western section of Luzon except Palawan while low to moderate chance over the rest of the country.

EFS Week-1 Exceedance Prob. > 150mm
Valid: 20230721 - 20230727



Moderate to high probability to exceed 150mm of rainfall over Occidental Mindoro, Zambales, and Bataan while low to moderate chance over the rest of the country.

GEFS Week-1 Exceedance Prob. > 200mm
Valid: 20230721 - 20230727

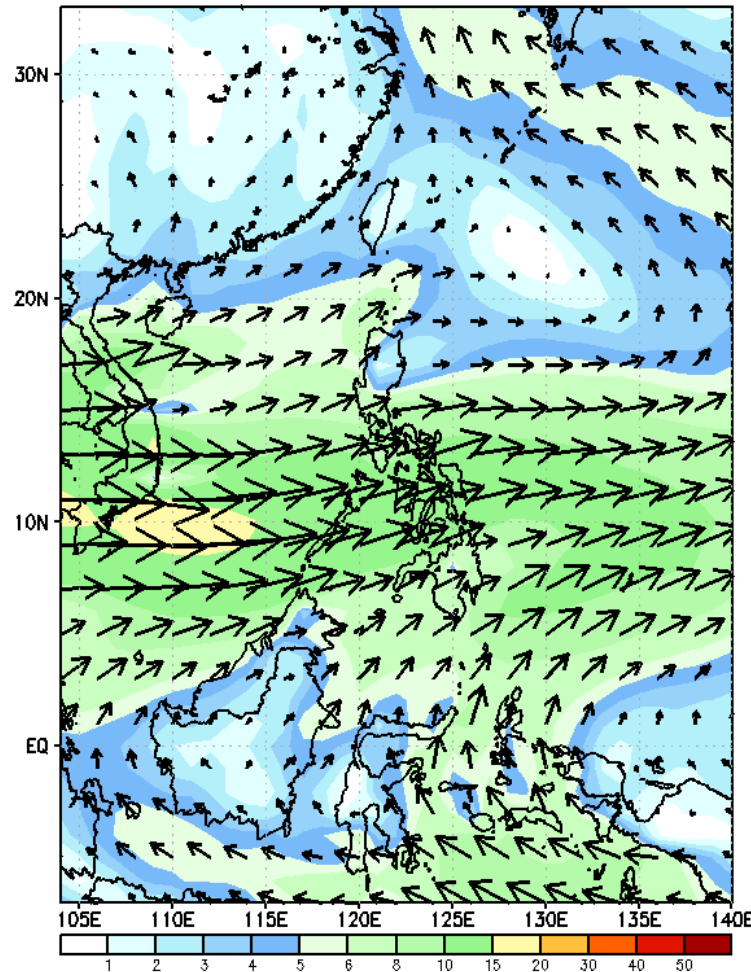


Low probability of rainfall to exceed 200mm in most parts of the country during the forecast period.

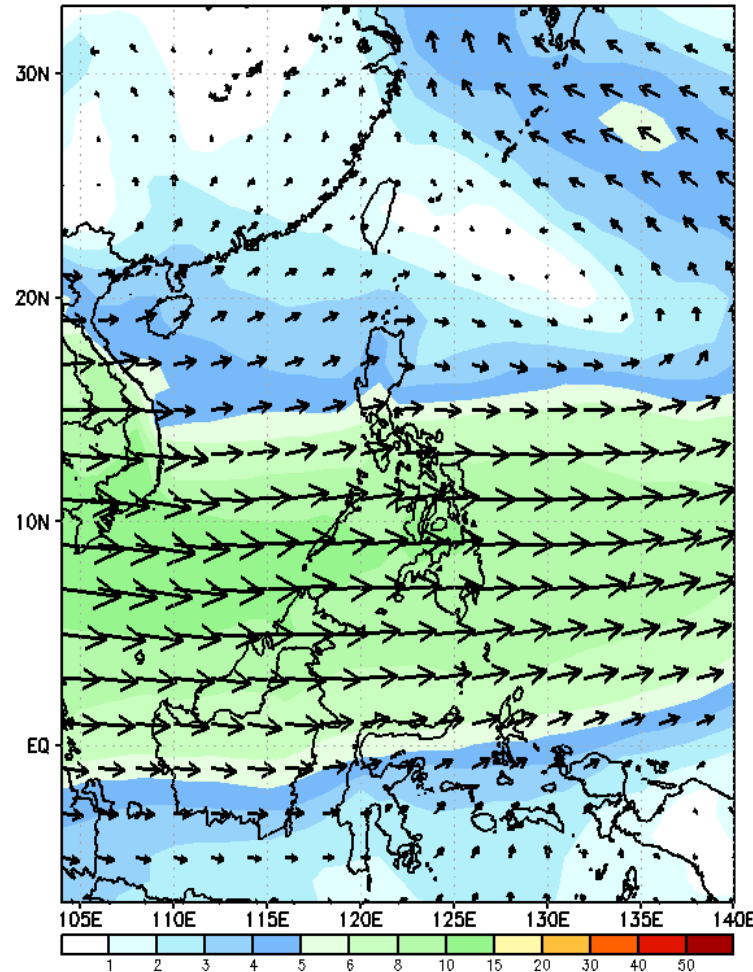
GEFS Week-2 Forecasts: Wind Forecast

Week 2: July 28- Aug 03, 2023

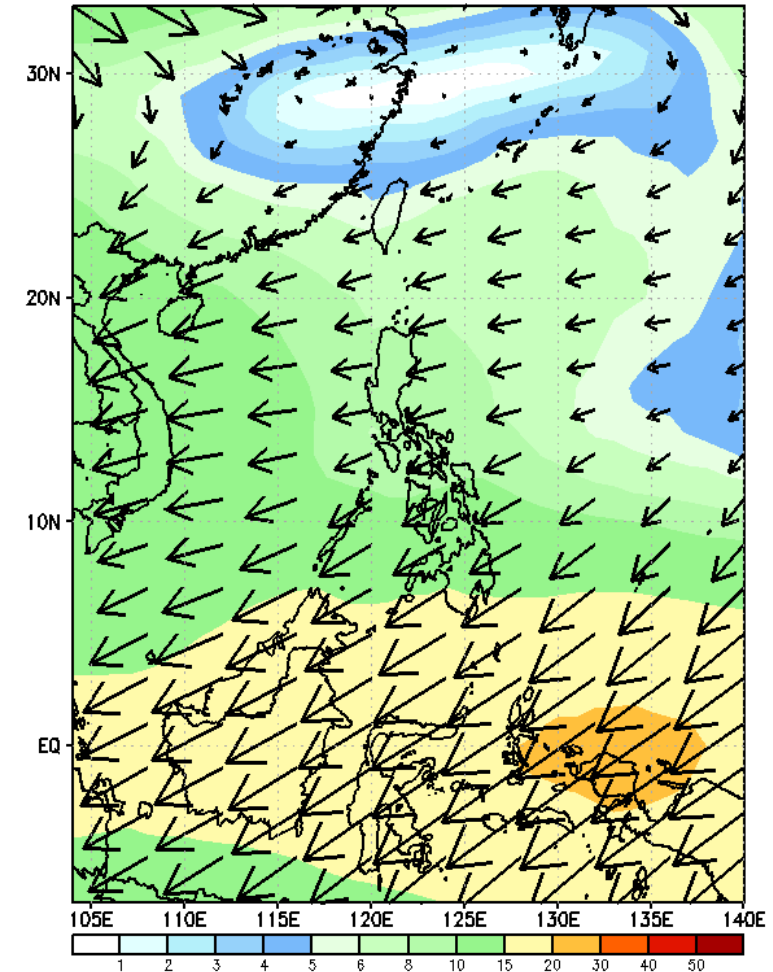
GEFS Week-2 850-hPa Wind Total
Valid: 20230728 - 20230803



GEFS Week-2 700-hPa Wind Total
Valid: 20230728 - 20230803



GEFS Week-2 200-hPa Wind Total
Valid: 20230728 - 20230803



Enhanced Southwest Monsoon is forecasted to prevail and affect most parts of the country especially in Central and Southern Luzon and Visayas.

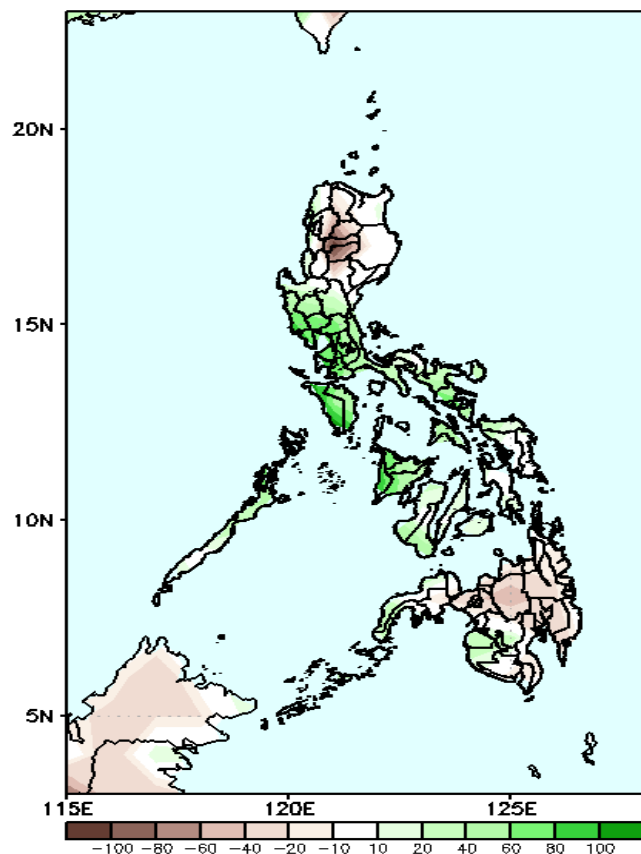


Precipitation Anomaly and Exceedance Probability > 25/50 mm



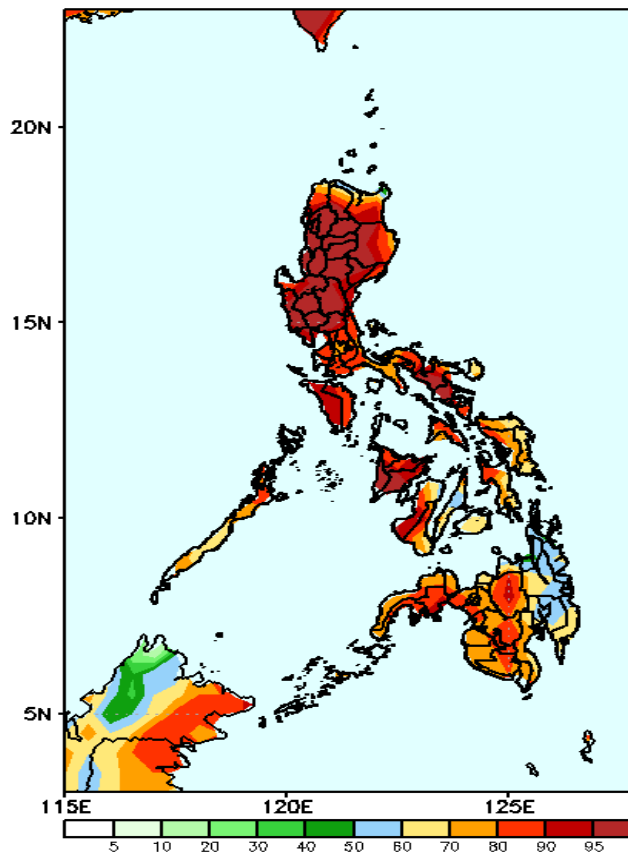
Week 2: July 28- Aug 03, 2023

GEFS Week-2 Precip Anomaly
Valid: 20230728 - 20230803



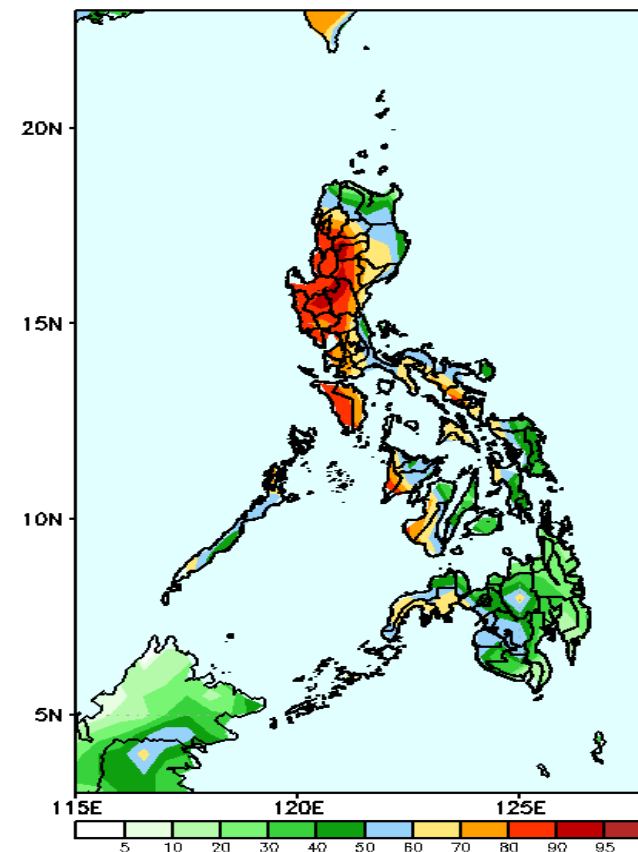
Increase of rainfall of 40-100mm in most parts of central & southern Luzon and Visayas while the rest of the country will likely have 20-90mm rainfall deficit.

GEFS Week-2 Exceedance Prob. > 25mm
Valid: 20230728 - 20230803



High to very high probability to exceed 25mm of rainfall over most parts of the country except for a moderate to high chance over Caraga, Davao Region, and Central Visayas.

GEFS Week-2 Exceedance Prob. > 50mm
Valid: 20230728 - 20230803



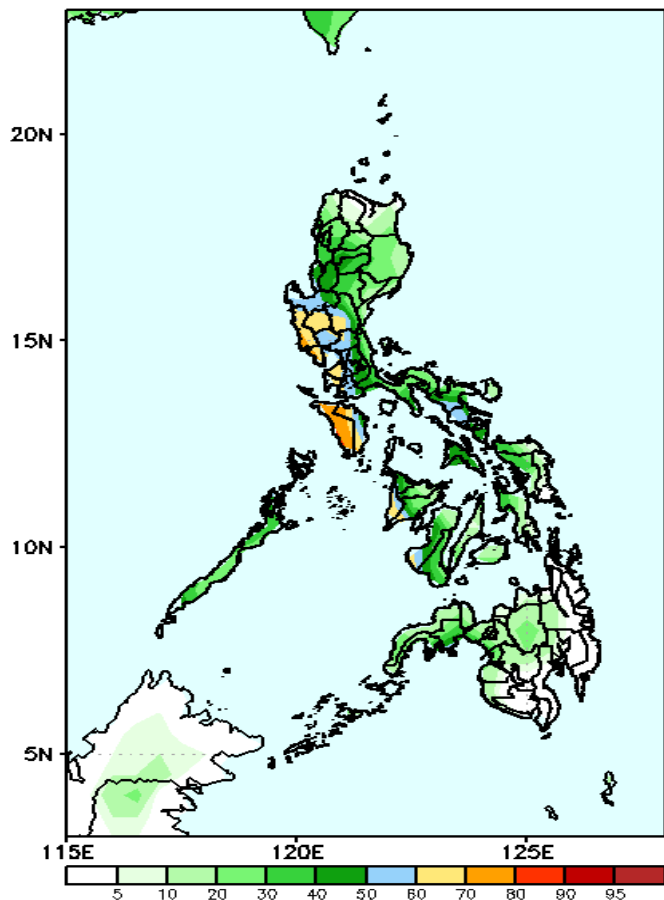
High to very high probability to exceed 50mm of rainfall in the western sections of Northern and Central Luzon; moderate to high chance over the rest of Luzon, Western Visayas, and Zamboanga Peninsula while low chance over the rest of the country.

Exceedance Probability > 100/150/200 mm

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

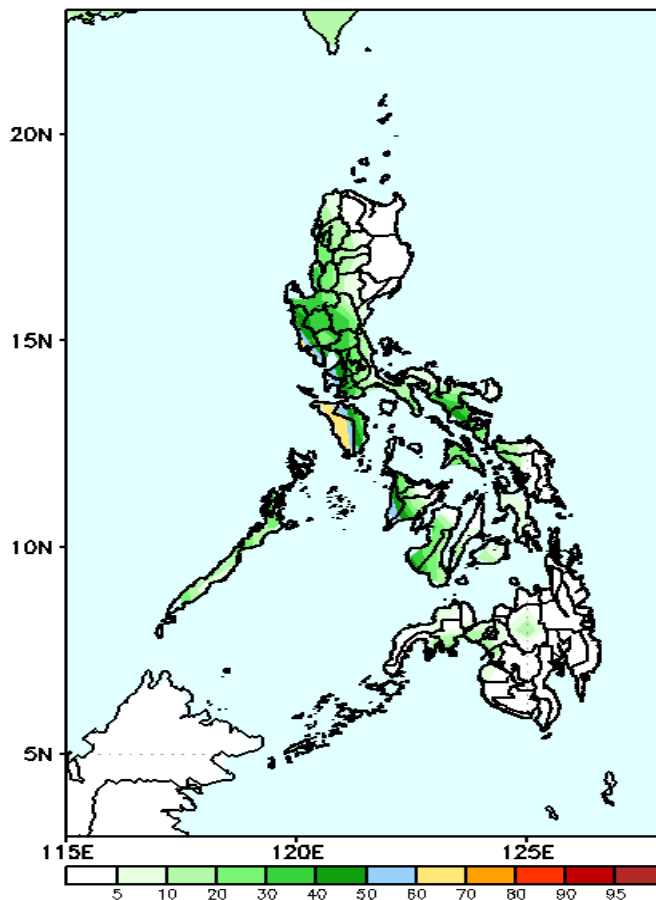
Week 2: July 28- Aug 03, 2023

GEFS Week-2 Exceedance Prob. > 100mm
Valid: 20230728 - 20230803



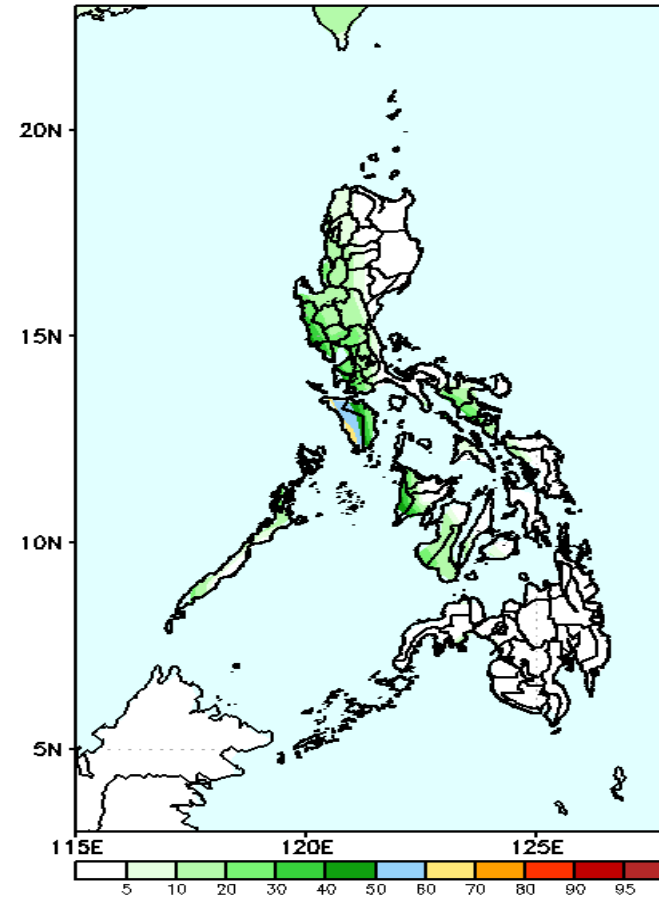
Moderate to high probability to exceed 100mm of rainfall over the western section of Central Luzon and Occidental Mindoro while low to moderate chance over the rest of the country.

GEFS Week-2 Exceedance Prob. > 150mm
Valid: 20230728 - 20230803



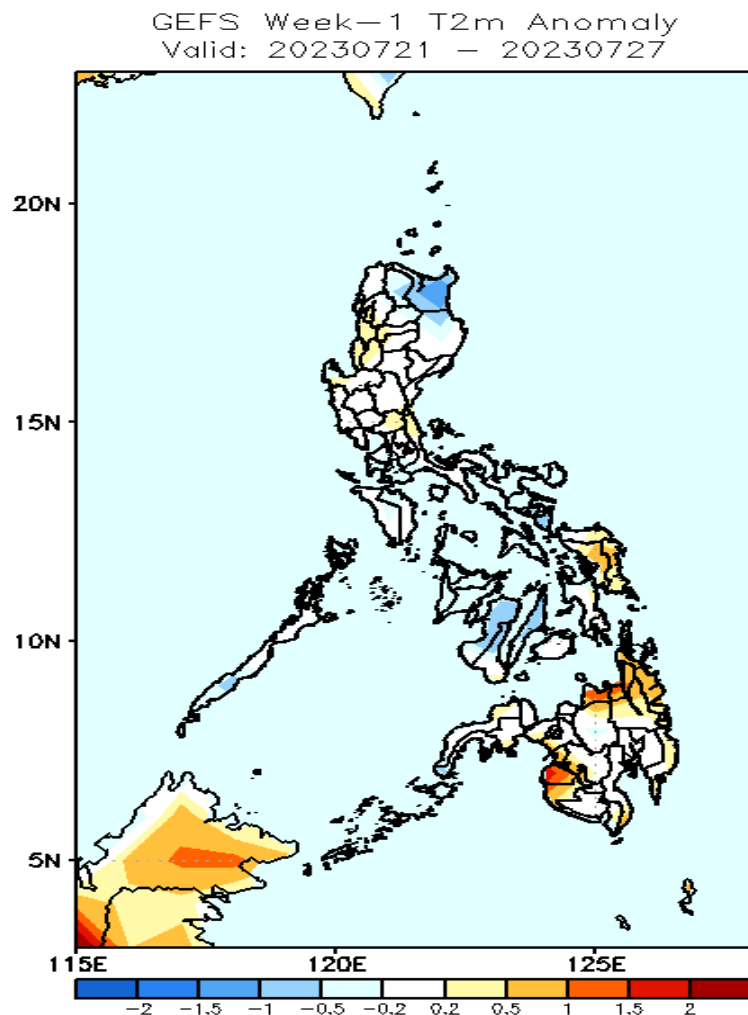
Moderate to high probability to exceed 150mm of rainfall over Occidental Mindoro, Zambales, Bataan, Batangas, and Cavite while low chance over the rest of the country.

GEFS Week-2 Exceedance Prob. > 200mm
Valid: 20230728 - 20230803



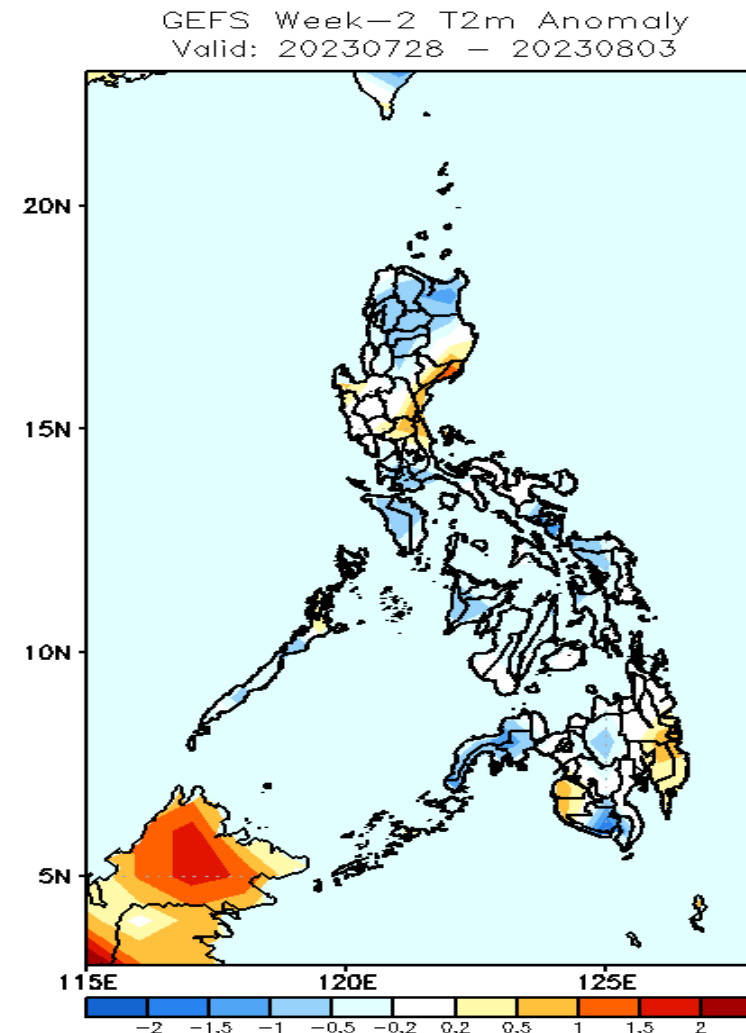
Low probability of rainfall to exceed 200mm in most parts of the country during the forecast period.

GEFS Week-1 & 2 Forecasts: T2m Anomaly



2m Temperature Week 1: July 21-27, 2023

Average to warmer than average surface air temperature will likely experience in most parts of the country except in Cagayan, Negros Island, Cebu and Sorsogon where slightly cooler temperature is expected.



2m Temperature Week 2: July 28- Aug 03, 2023

Average to cooler than average surface air temperature will likely experience in most parts of the country except in Baler, Sultan Kudarat & Maguindanao and Davao Region where slightly warmer temperature is expected.