



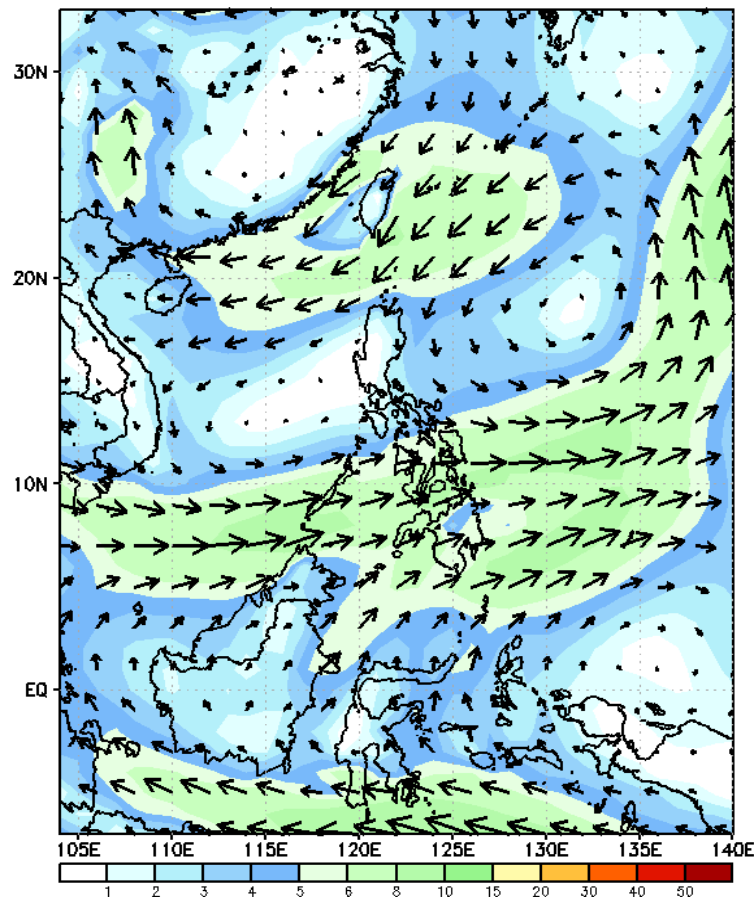
Week 1 & Week 2 Forecast for the Philippines using GEFS Model



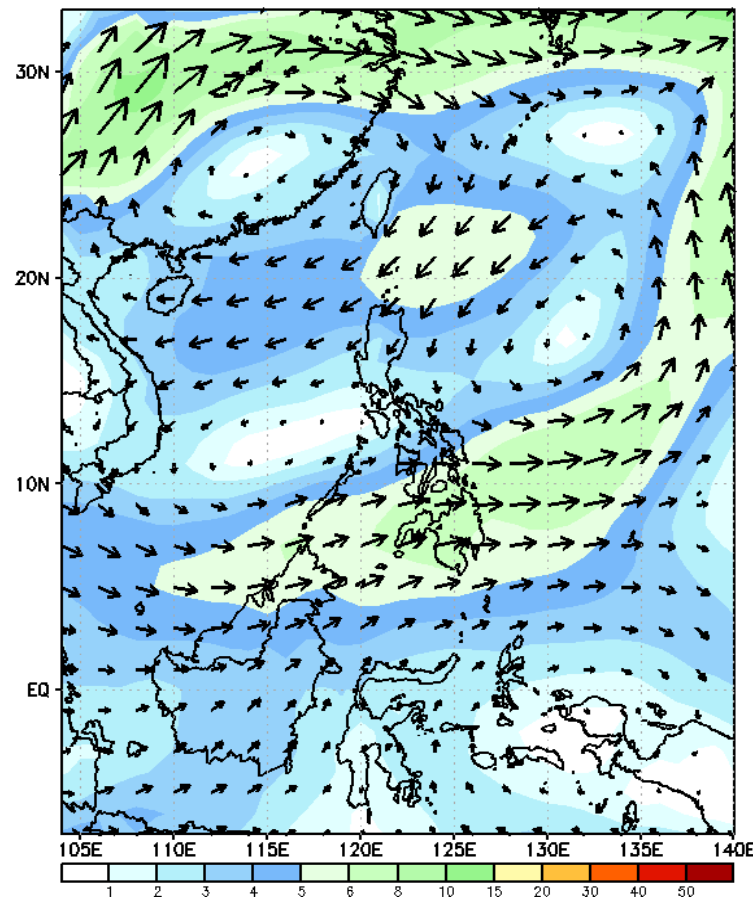
GEFS Week-1 Forecasts: Wind Forecast

Week 1: Sep 29- Oct 05, 2023

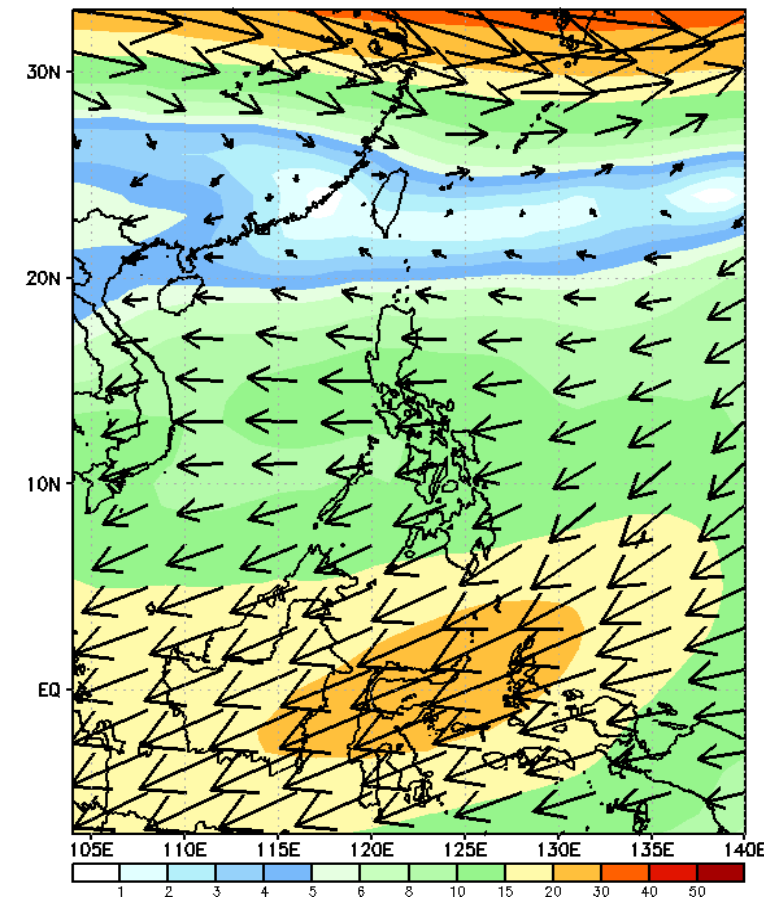
GEFS Week-1 850-hPa Wind Total
Valid: 20230929 - 20231005



GEFS Week-1 700-hPa Wind Total
Valid: 20230929 - 20231005



GEFS Week-1 200-hPa Wind Total
Valid: 20230929 - 20231005



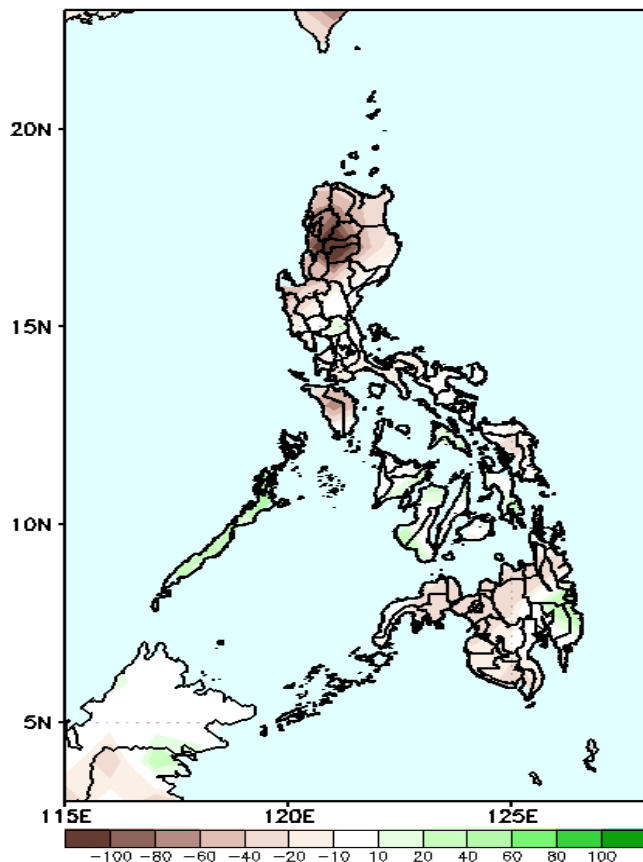
Westerly to southwesterly windflow affecting Visayas and Mindanao. Northeasterly windflow affecting Northern Luzon.

Precipitation Anomaly and Exceedance Probability > 25/50 mm



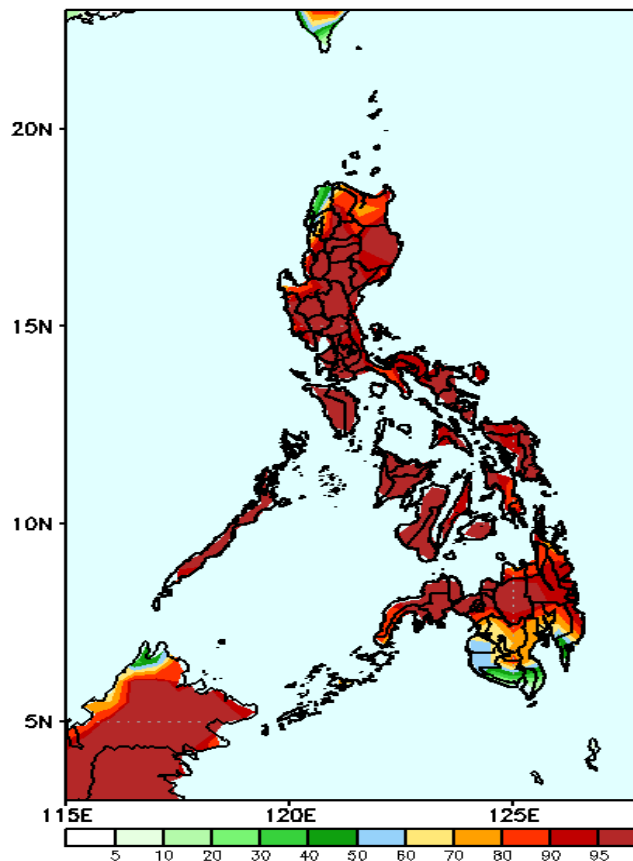
Week 1: Sep 29- Oct 05, 2023

GEFS Week-1 Precip Anomaly
Valid: 20230929 - 20231005



Rainfall deficit of 20-100mm is expected in most parts of the country except in Palawan & Davao Oriental where there is 10-30mm increase of rainfall

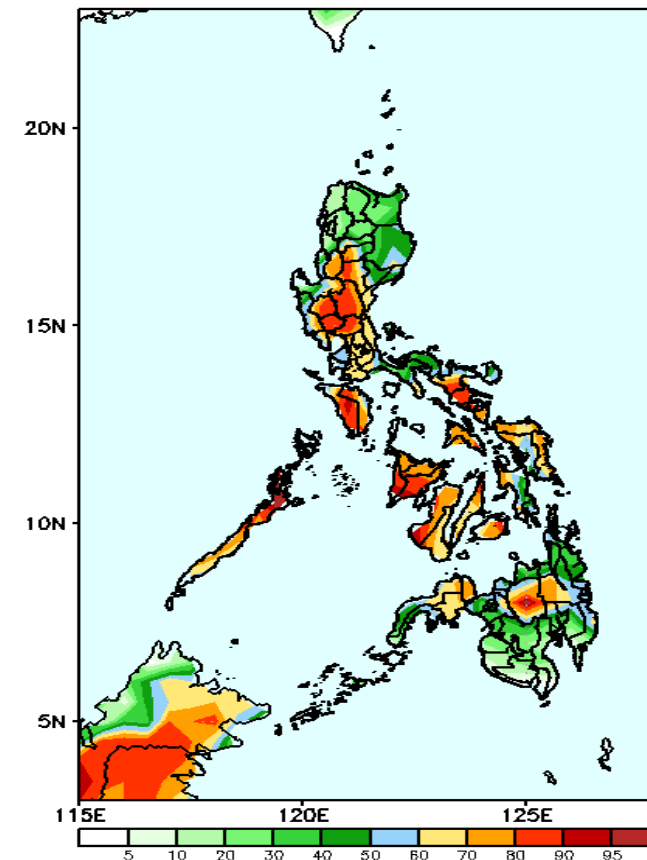
GEFS Week-1 Exceedance Prob. > 25mm
Valid: 20230929 - 20231005



Probability to Exceed 25mm

- High to very high in most parts of the country;
- Moderate to high over Ilocos Norte and the Southern portion of Mindanao.

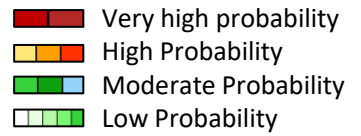
GEFS Week-1 Exceedance Prob. > 50mm
Valid: 20230929 - 20231005



Probability to Exceed 50mm

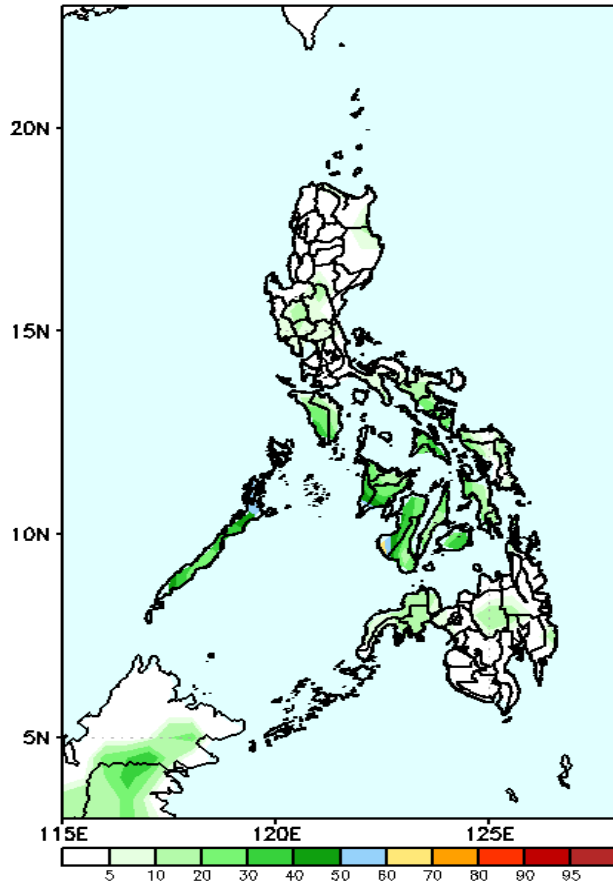
- High to very high in Western and Central Visayas, MIMAROPA, and most of Central Luzon and Bicol Region;
- Moderate to high over most of Zamboanga Peninsula, Northern Mindanao, Caraga, Eastern Visayas, and the southern portion of Ilocos Region, CAR, and Cagayan Valley,
- Low over the rest of Luzon and Mindanao.

Exceedance Probability > 100/150/200 mm



Week 1: Sep 29- Oct 05, 2023

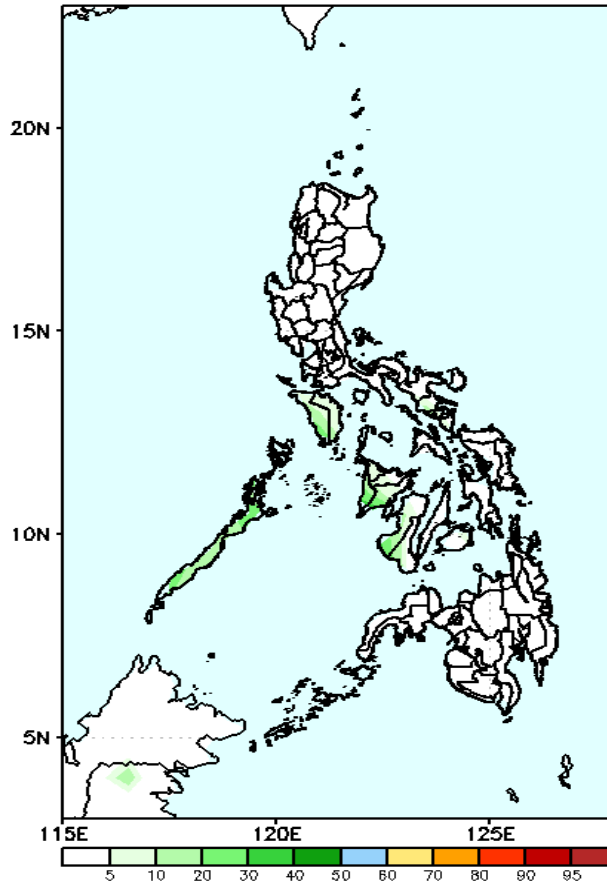
GEFS Week-1 Exceedance Prob. > 100mm
Valid: 20230929 - 20231005



Probability to Exceed 100mm

- Moderate to high in Northern Palawan, and portions of Negros and Antique;
- Low over the rest of the country.

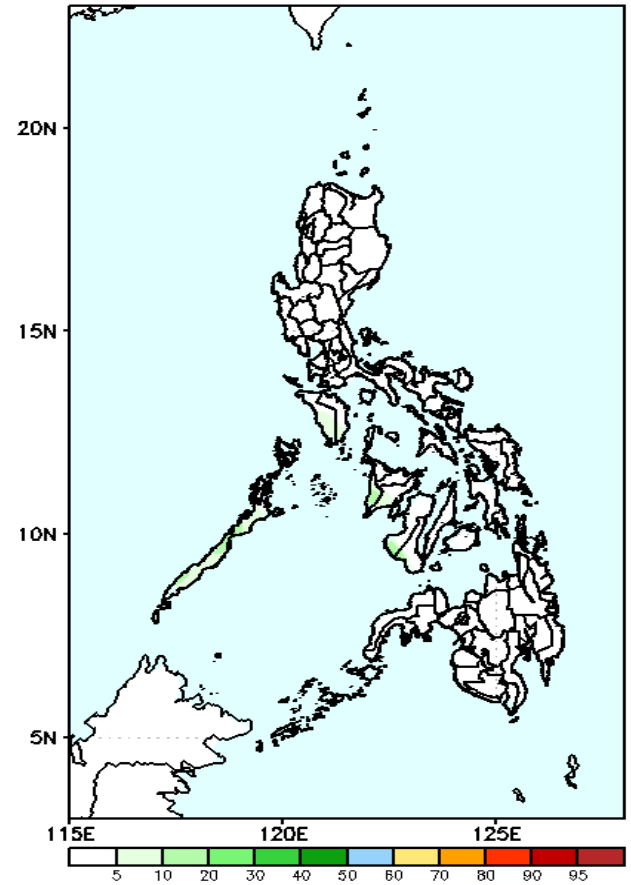
GEFS Week-1 Exceedance Prob. > 150mm
Valid: 20230929 - 20231005



Probability to Exceed 150mm

- Low in most parts of the country.

GEFS Week-1 Exceedance Prob. > 200mm
Valid: 20230929 - 20231005



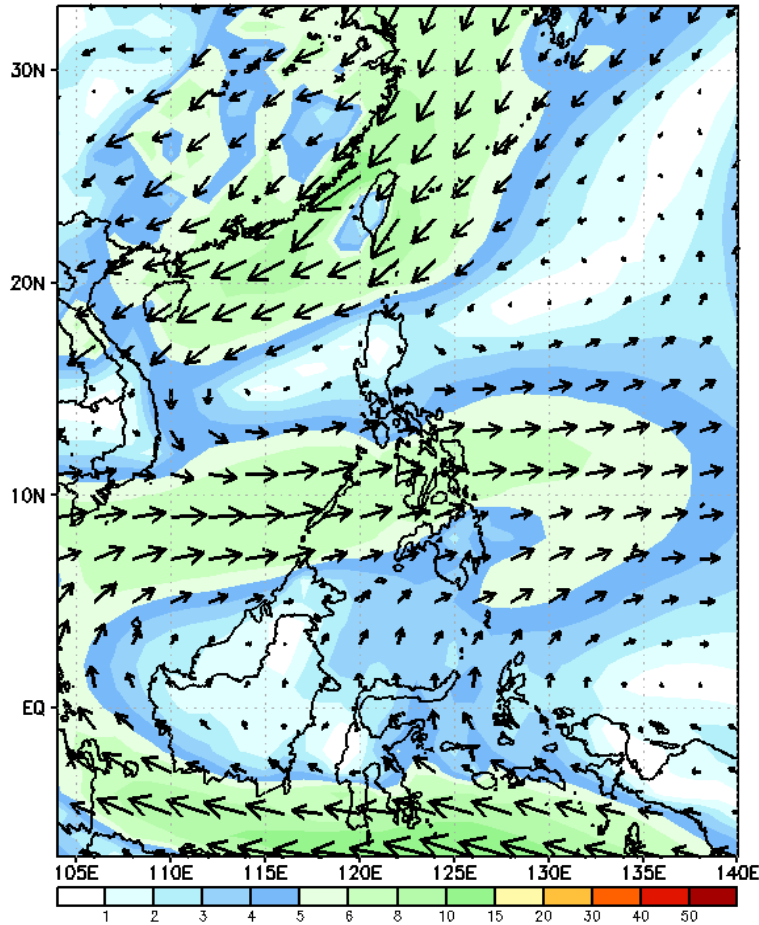
Probability to Exceed 200mm

- Low in most parts of the country.

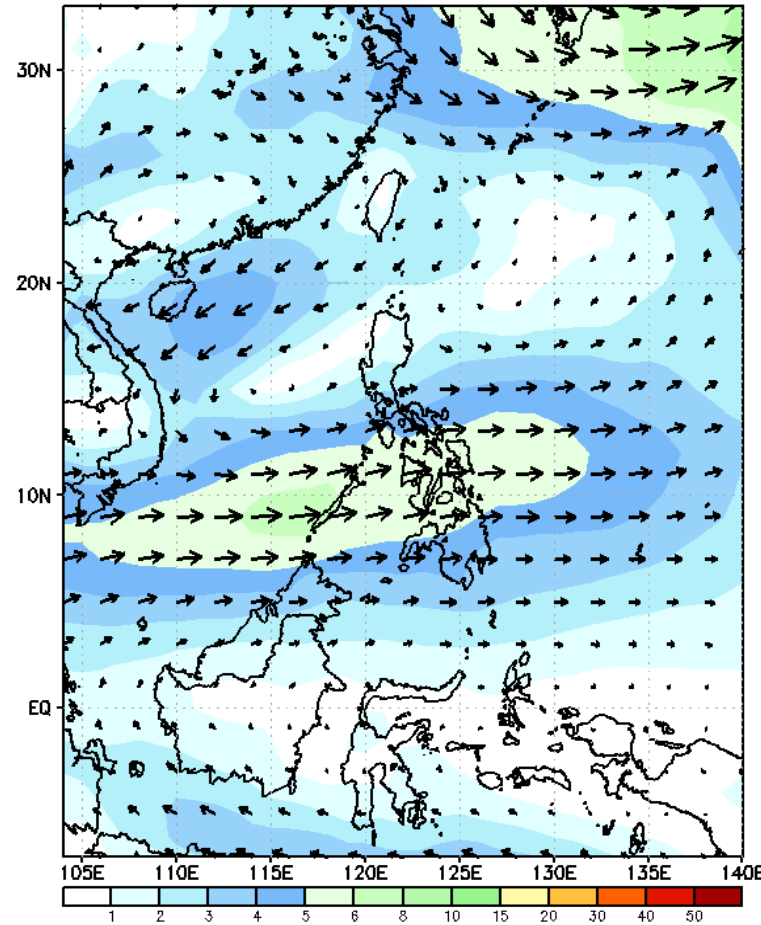
GEFS Week-2 Forecasts: Wind Forecast

Week 2: Oct 04-10, 2023

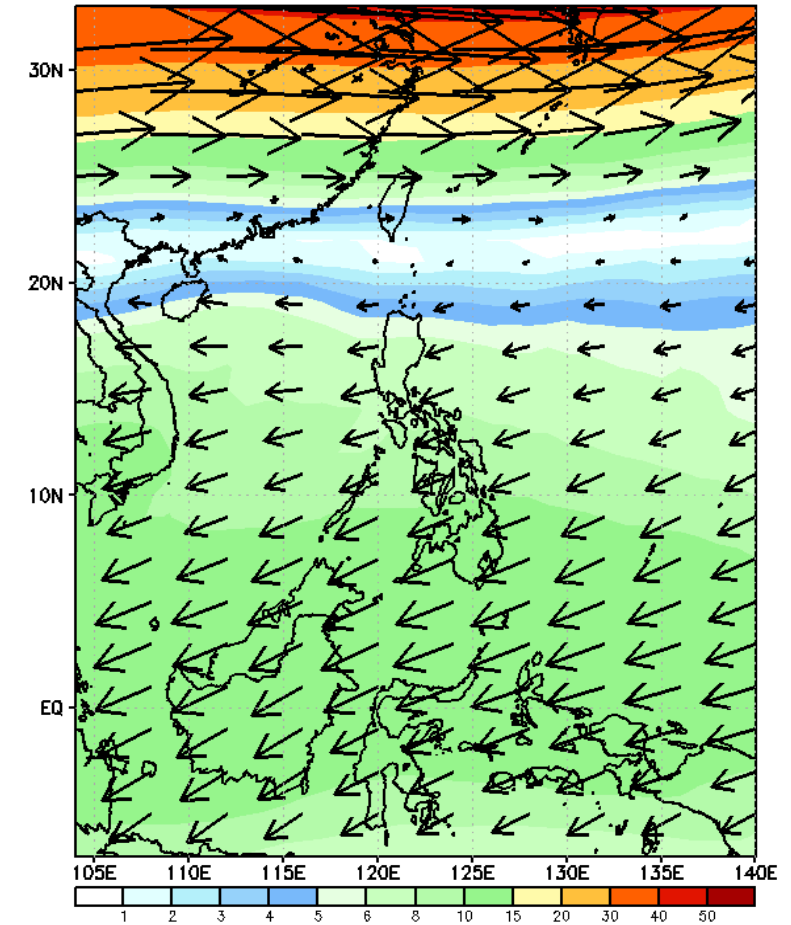
GEFS Week-2 850-hPa Wind Total
Valid: 20231006 – 20231012



GEFS Week-2 700-hPa Wind Total
Valid: 20231006 – 20231012



GEFS Week-2 200-hPa Wind Total
Valid: 20231006 – 20231012



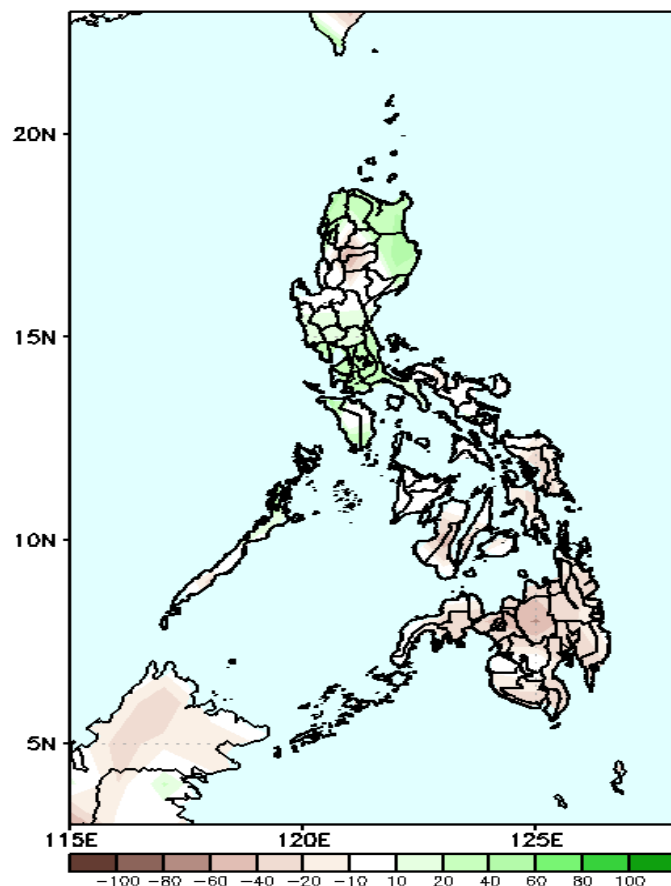
Westerly to southwesterly windflow affecting Southern Luzon, Visayas and Mindanao. Northeasterly windflow affecting the rest of Luzon.

Precipitation Anomaly and Exceedance Probability > 25/50 mm



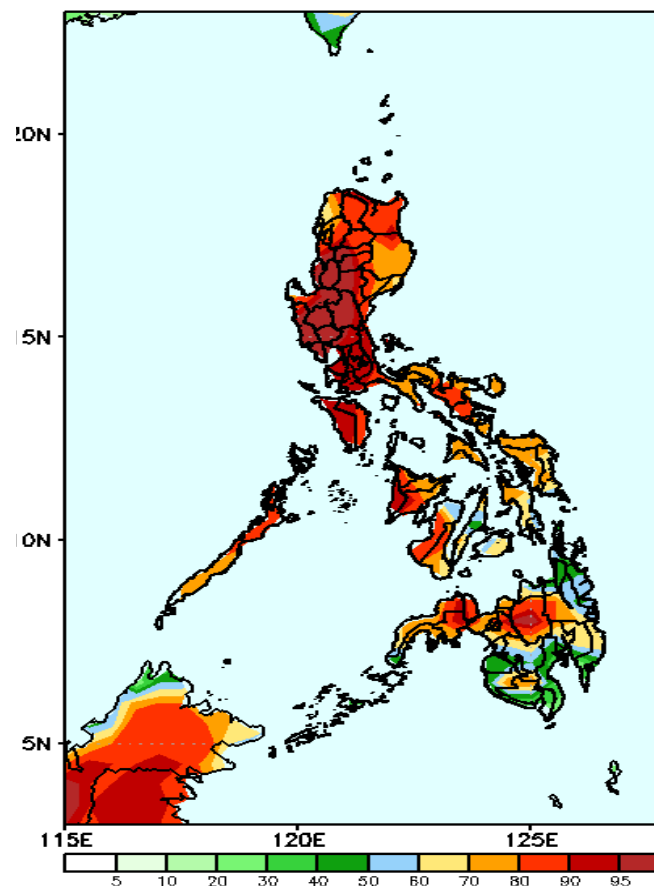
Week 2: Oct 04-10, 2023

GEFS Week-2 Precip Anomaly
Valid: 20231006 – 20231012



Rainfall deficit of 20-60mm is expected in most parts of Visayas and Mindanao while 20-60mm increase of rainfall in Luzon.

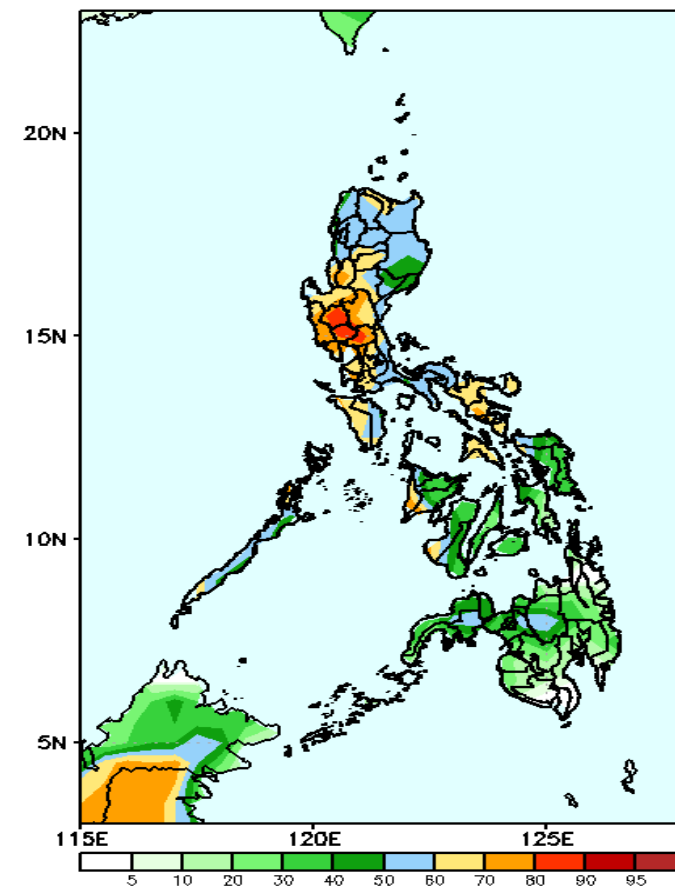
GEFS Week-2 Exceedance Prob. > 25mm
Valid: 20231006 – 20231012



Probability to Exceed 25mm

- High to very high in Luzon, Western Visayas and Bukidnon;
- Moderate to high over the rest of the country.

GEFS Week-2 Exceedance Prob. > 50mm
Valid: 20231006 – 20231012

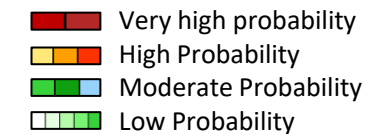


Probability to Exceed 50mm

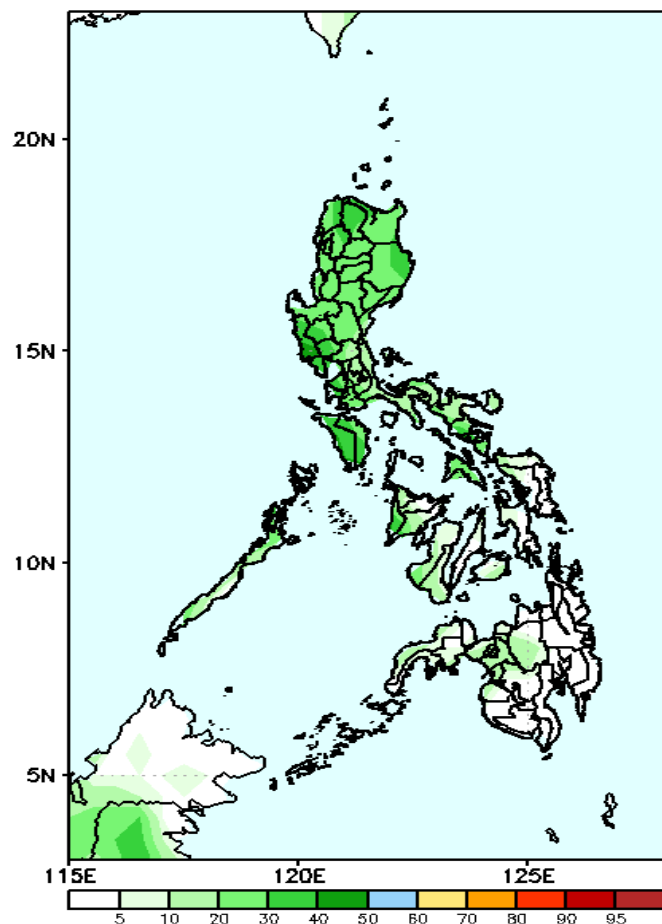
- Moderate to high in Luzon, Western Visayas, Northern Samar, and portions of Zamboanga, Lanao, and Bukidnon;
- Low over the rest of Visayas and Mindanao.

Exceedance Probability > 100/150/200 mm

Week 2: Oct 04-10, 2023



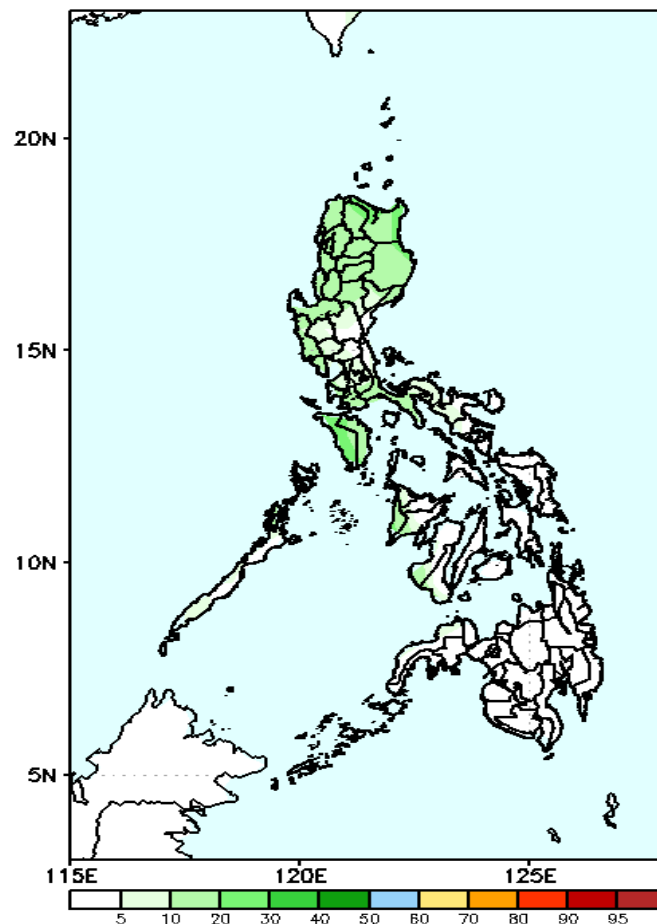
GEFS Week-2 Exceedance Prob. > 100mm
Valid: 20231006 – 20231012



Probability to Exceed 100mm

- Moderate over portions of Central and Northern Luzon, Occidental Mindoro, Antique, Masbate, and Sorsogon;
- Low over the rest of the country.

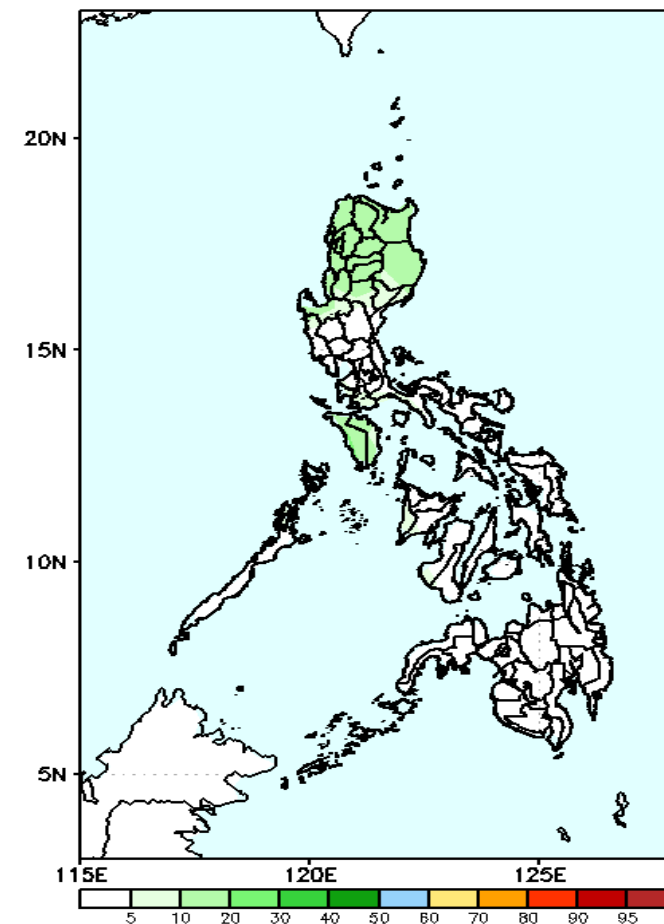
GEFS Week-2 Exceedance Prob. > 150mm
Valid: 20231006 – 20231012



Probability to Exceed 150mm

- Low in most parts of the country.

GEFS Week-2 Exceedance Prob. > 200mm
Valid: 20231006 – 20231012

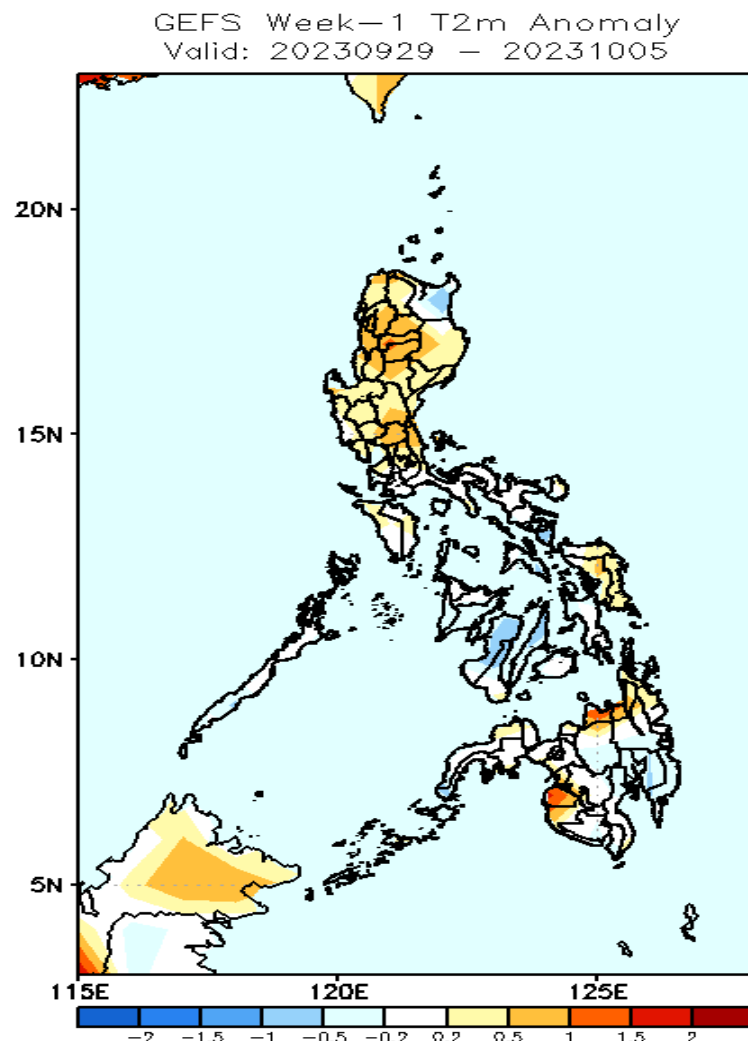


Probability to Exceed 200mm

- Low in most parts of the country.

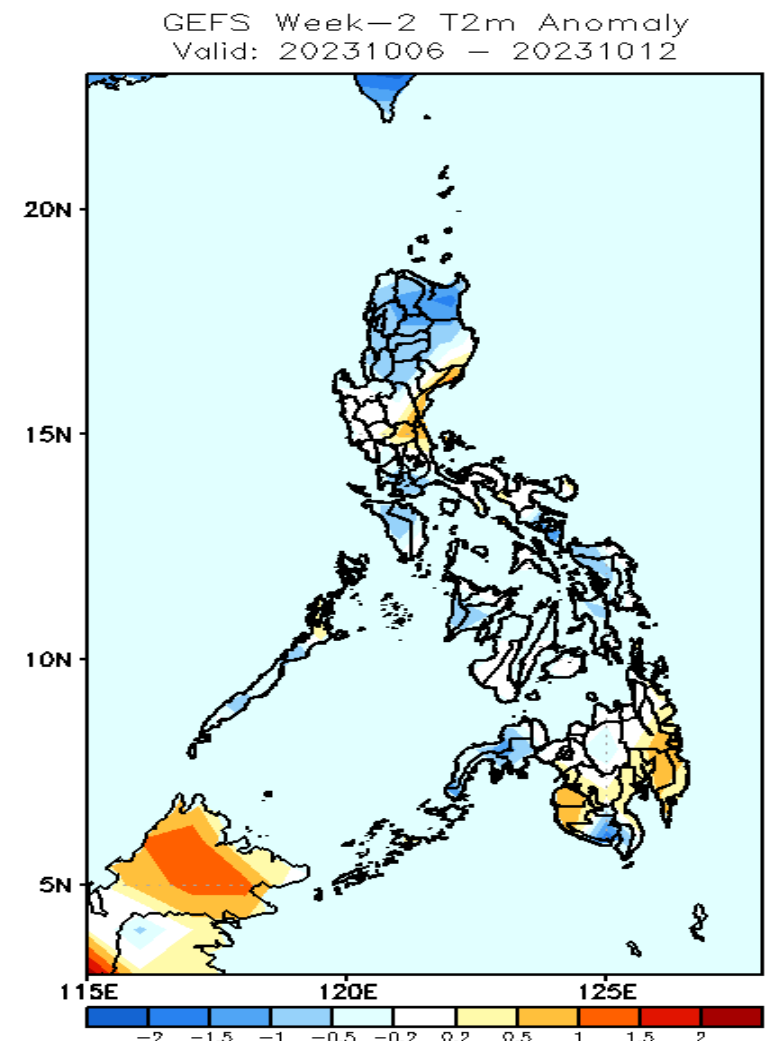


GEFS Week-1 & 2 Forecasts: T2m Anomaly



2m Temperature Week 1: Sep 29- Oct 05, 2023

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



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

Average to cooler than average surface air temperature will likely be experience in most parts of the country except in some areas in central Luzon, Davao Region, Maguindanao & Sultan Kudarat were slightly warmer to warmer than average temperature is expected.