



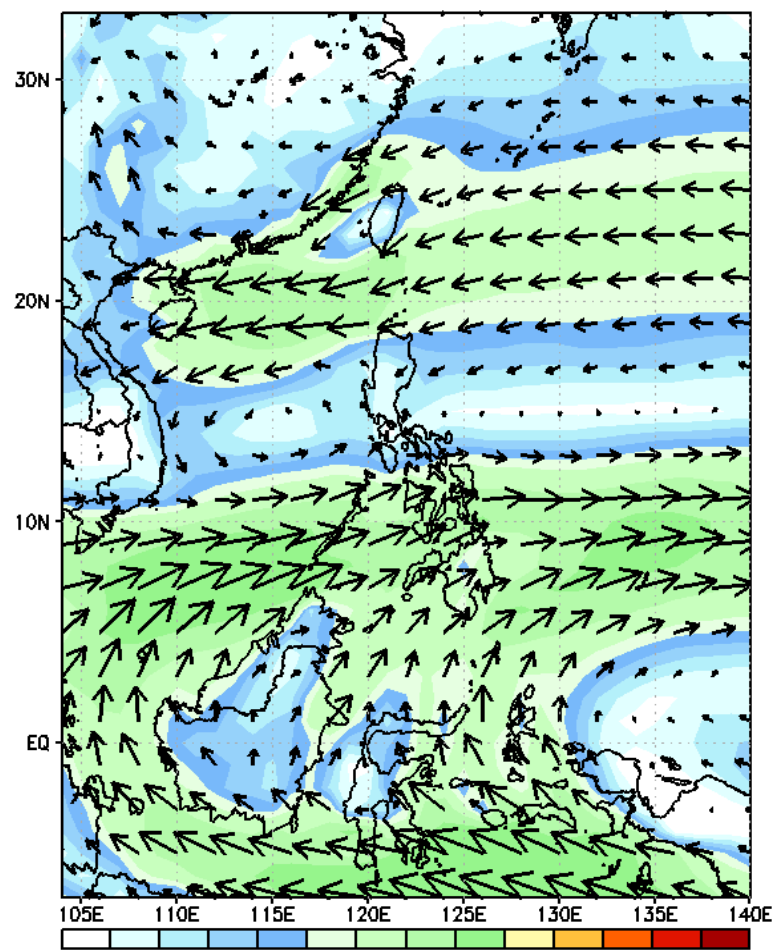
Week 1 & Week 2 Forecast for the Philippines using GEFS Model



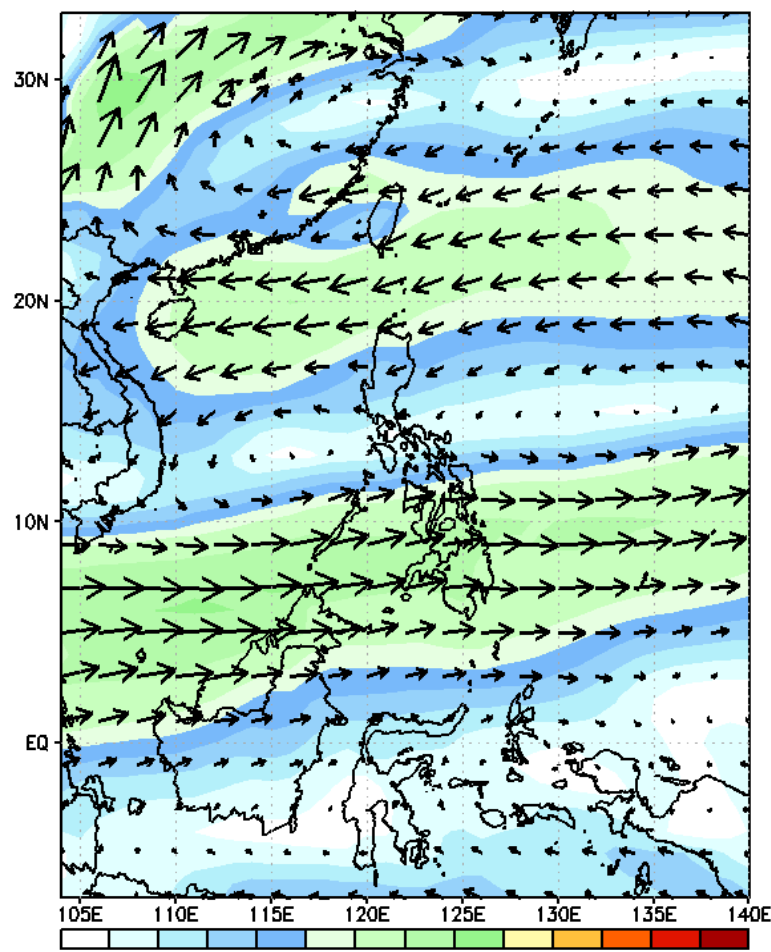
GEFS Week-1 Forecasts: Wind Forecast

Week 1: Sep 22-28, 2023

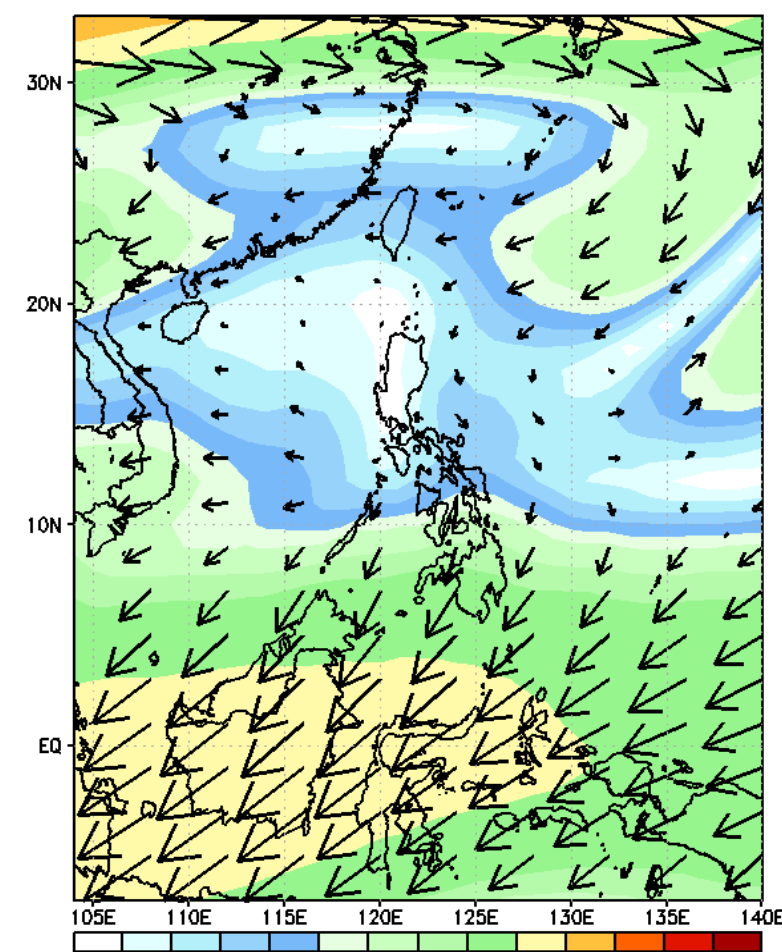
GEFS Week-1 850-hPa Wind Total
Valid: 20230922 - 20230928



GEFS Week-1 700-hPa Wind Total
Valid: 20230922 - 20230928

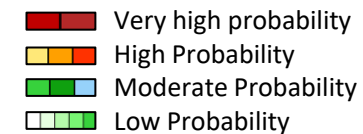


GEFS Week-1 200-hPa Wind Total
Valid: 20230922 - 20230928



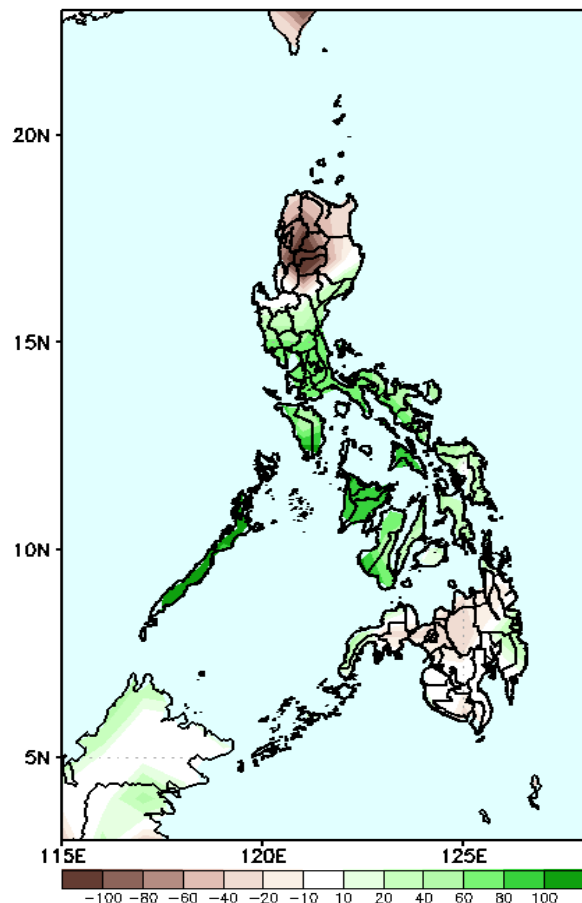
Southwest monsoon affecting the western parts of Mindanao. Easterly inflow affecting the rest of the country.

Precipitation Anomaly and Exceedance Probability > 25/50 mm



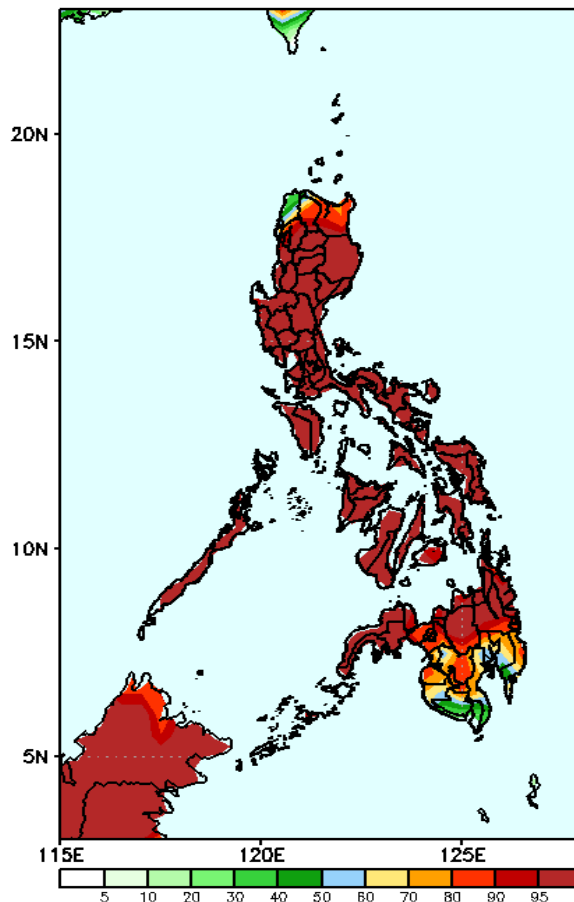
Week 1: Sep 22-28, 2023

GEFS Week-1 Precip Anomaly
Valid: 20230922 - 20230928



Rainfall deficit of more than 100mm is expected in most parts of CAR and Ilocos Region; 20-60mm for the rest of northern Luzon and Mindanao while 40-100mm increase of rainfall for the rest of Luzon and most parts of Visayas.

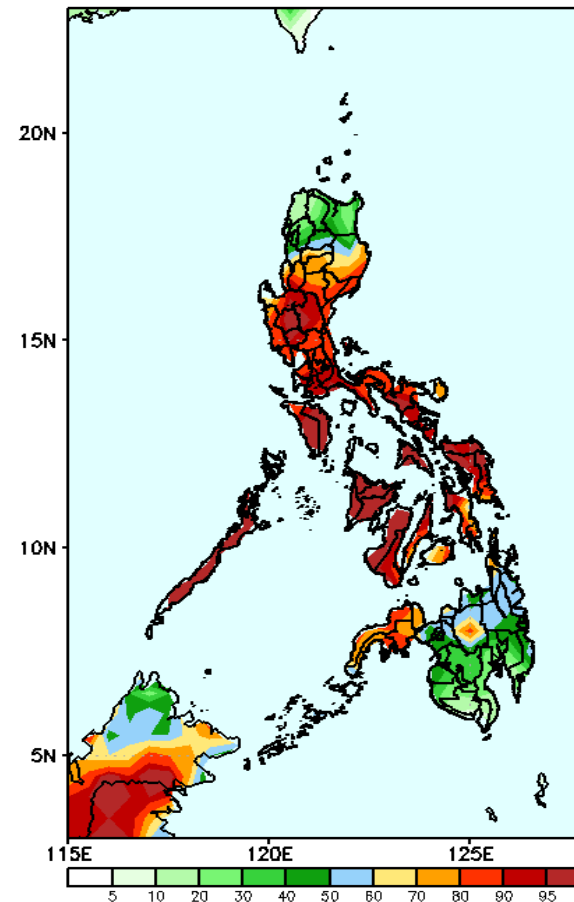
GEFS Week-1 Exceedance Prob. > 25mm
Valid: 20230922 - 20230928



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.

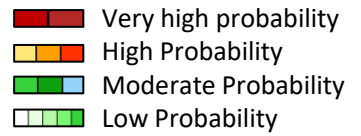
GEFS Week-1 Exceedance Prob. > 50mm
Valid: 20230922 - 20230928



Probability to Exceed 50mm

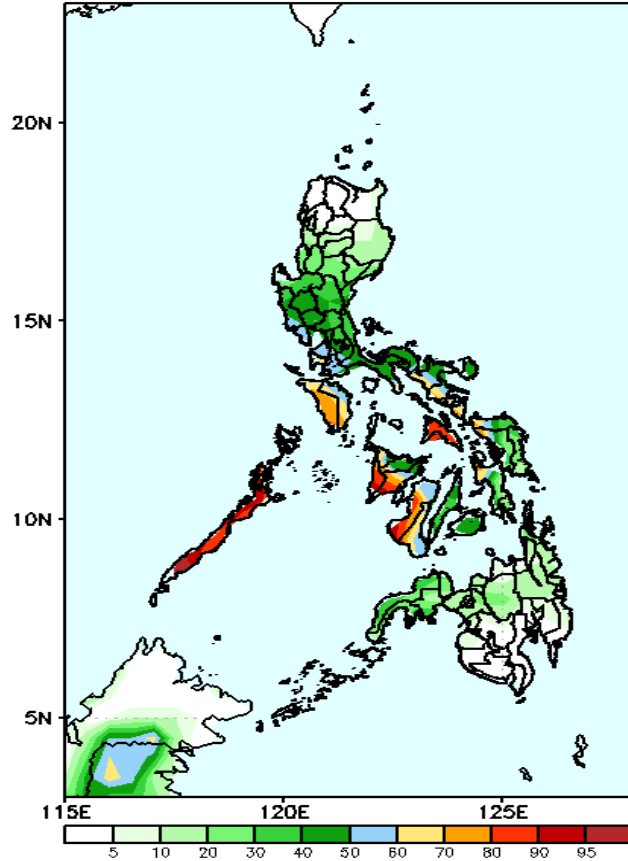
- High to very high in Visayas, Southern Luzon, NCR, and Central Luzon;
- Moderate to high over Zamboanga Peninsula, Northern Mindanao, Surigao Provinces, Dinagat Island and the southern portions of Ilocos region, CAR, and Cagayan Valley,
- Low to moderate over the rest of Luzon.

Exceedance Probability > 100/150/200 mm



Week 1: Sep 22-28, 2023

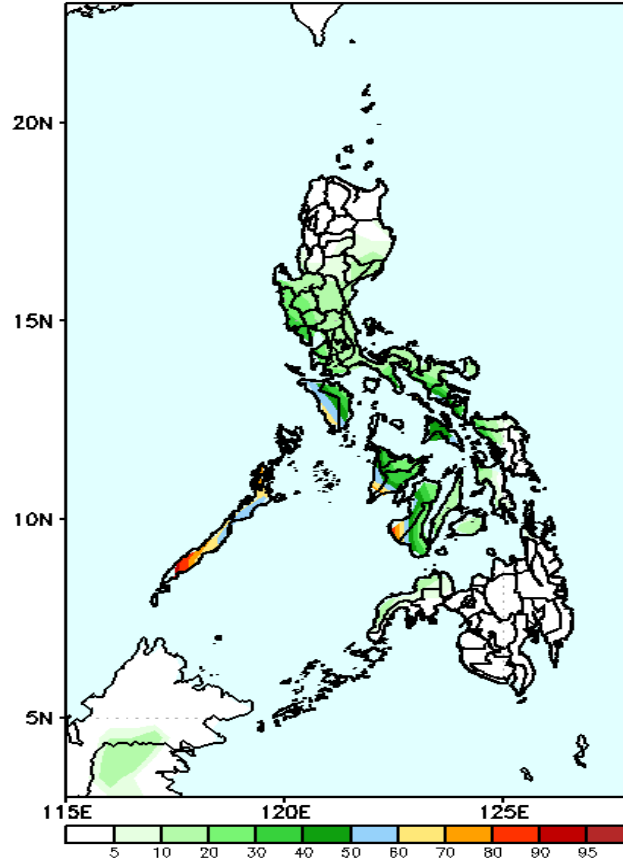
GEFS Week-1 Exceedance Prob. > 100mm
Valid: 20230922 – 20230928



Probability to Exceed 100mm

- Moderate to high in Palawan, Western and Central Visayas, Masbate, Bukidnon, Lanao provinces, and Zamboanga Peninsula;
- Low to moderate over the rest of the country.

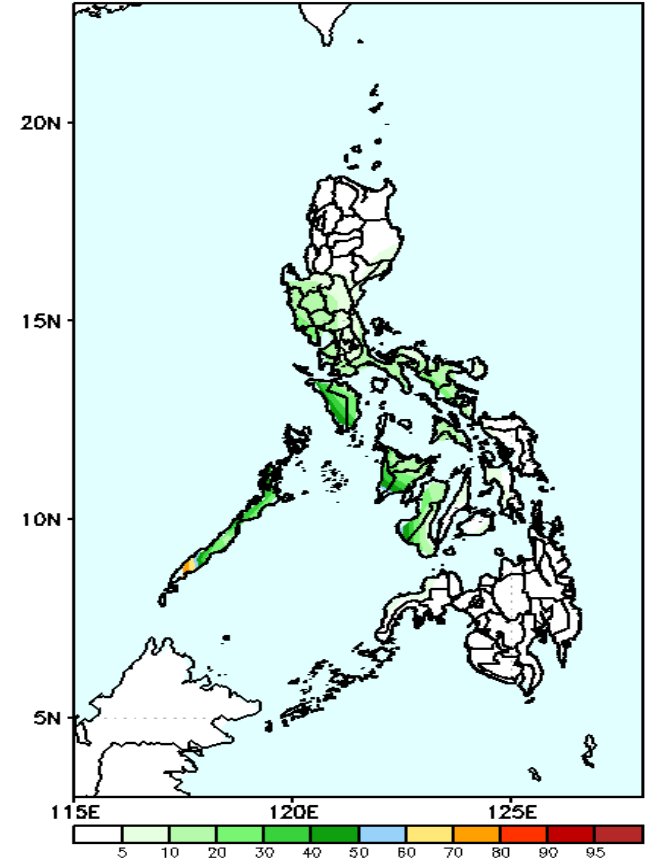
GEFS Week-1 Exceedance Prob. > 150mm
Valid: 20230922 – 20230928



Probability to Exceed 150mm

- Low in most parts of the country.

GEFS Week-1 Exceedance Prob. > 200mm
Valid: 20230922 – 20230928



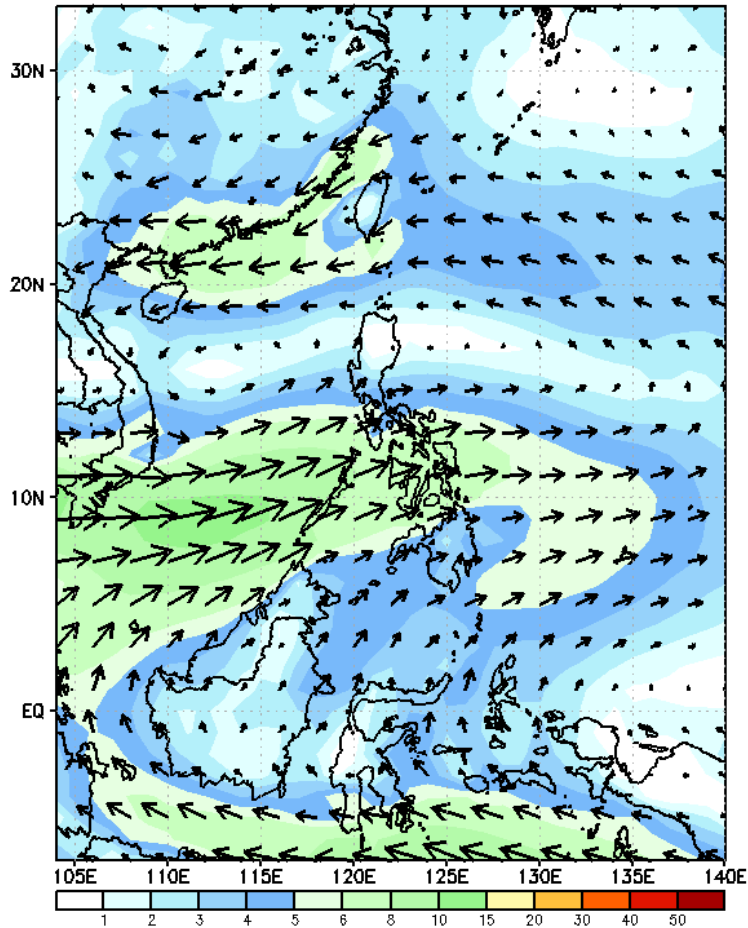
Probability to Exceed 200mm

- Low in most parts of the country.

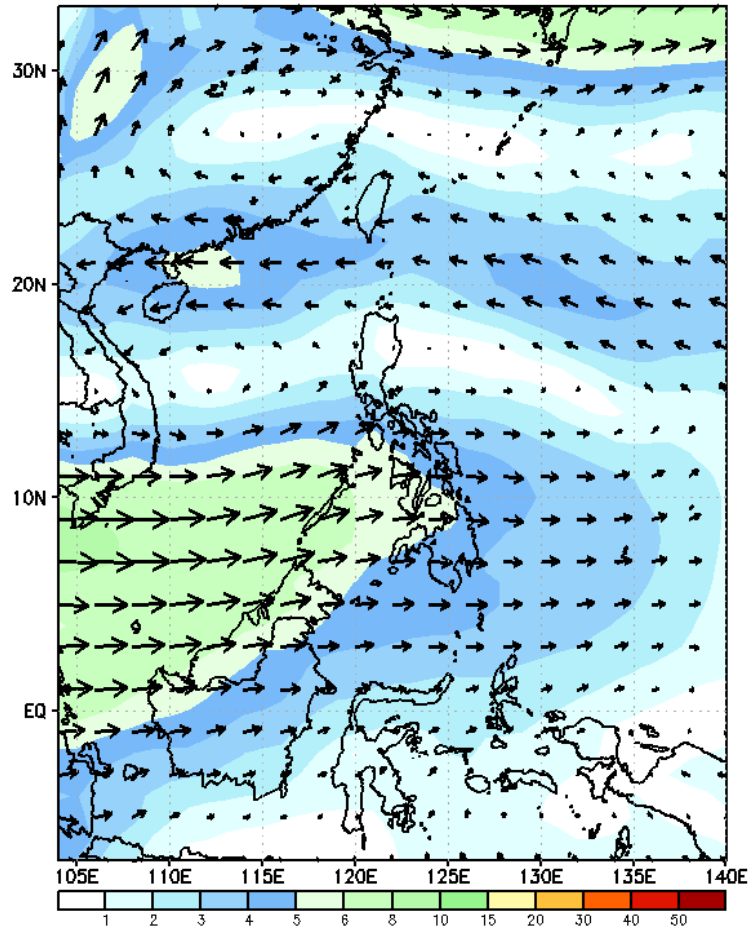
GEFS Week-2 Forecasts: Wind Forecast

Week 2: Sep 29- Oct 05, 2023

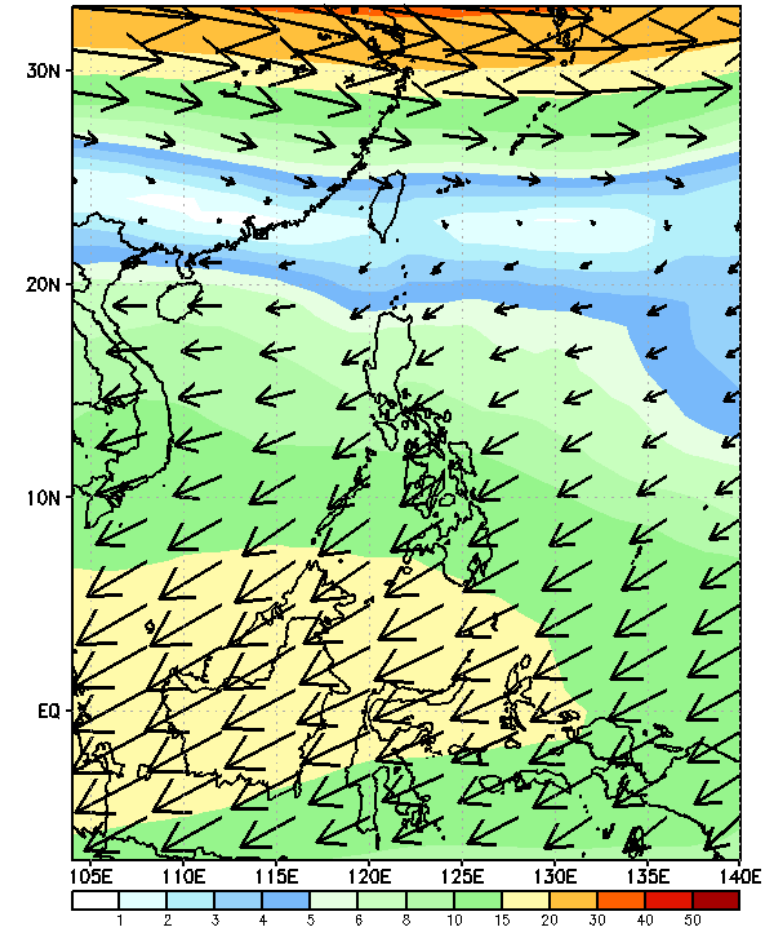
GEFS Week-2 850-hPa Wind Total
Valid: 20230929 - 20231005



GEFS Week-2 700-hPa Wind Total
Valid: 20230929 - 20231005

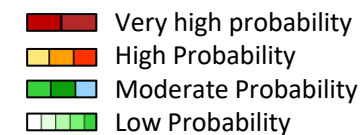


GEFS Week-2 200-hPa Wind Total
Valid: 20230929 - 20231005



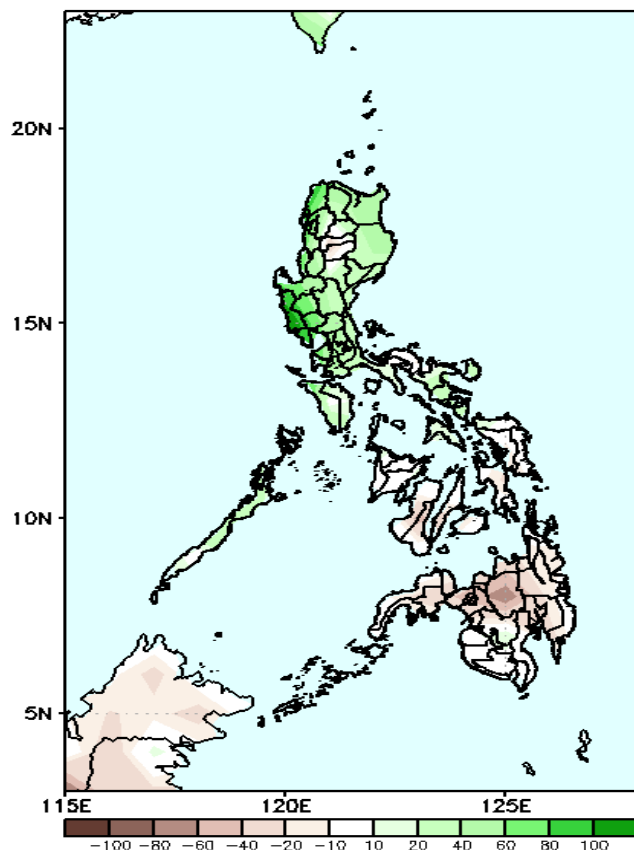
Southwest Monsoon is forecasted to affect Southern Luzon and eastern sections of Visayas and Mindanao. Easterly windflow affecting the rest of Luzon.

Precipitation Anomaly and Exceedance Probability > 25/50 mm



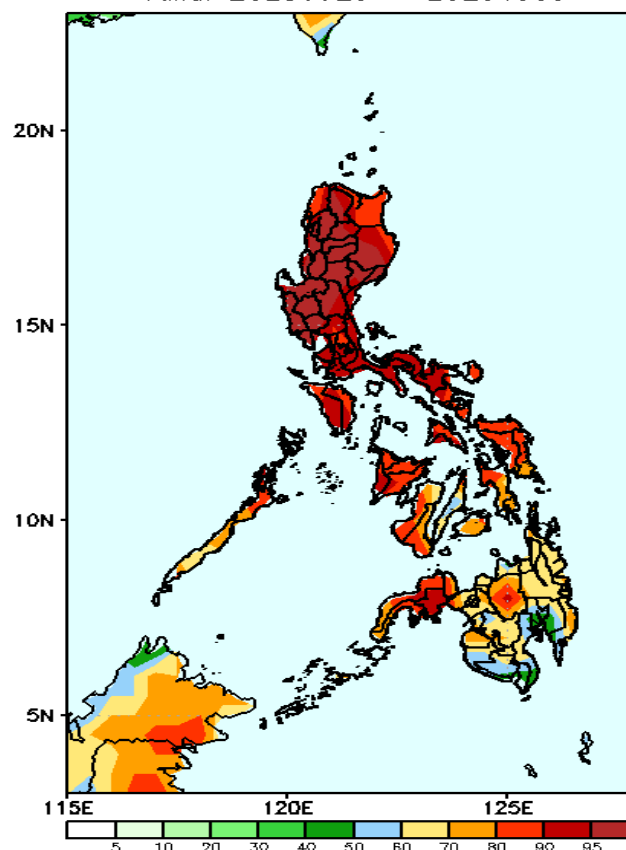
Week 2: Sep 29- Oct 05, 2023

GEFS Week-2 Precip Anomaly
Valid: 20230929 - 20231005



increase of rainfall of 40-90mm is expected in most parts of Luzon while 20-60mm rainfall deficit in Visayas and Mindanao.

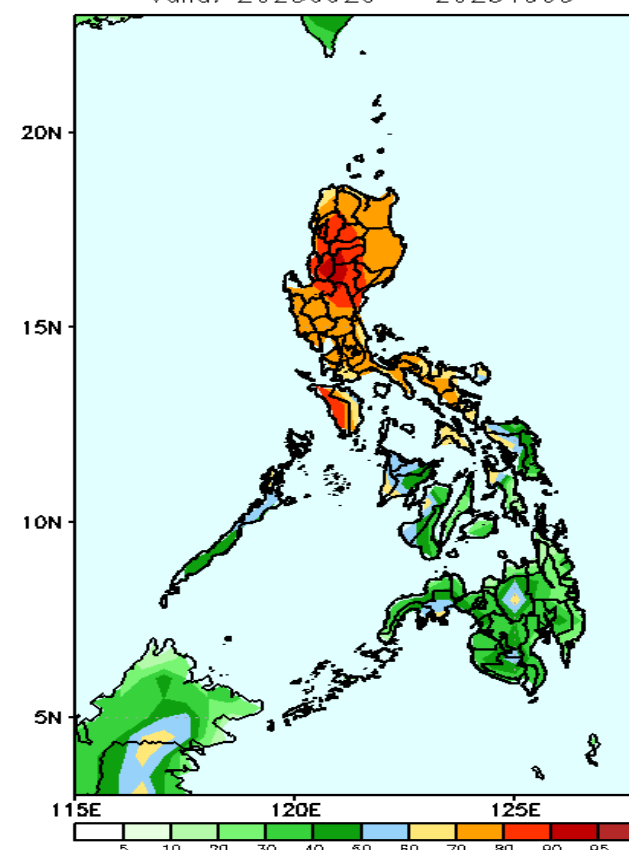
GEFS Week-2 Exceedance Prob. > 25mm
Valid: 20230929 - 20231005



Probability to Exceed 25mm

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

GEFS Week-2 Exceedance Prob. > 50mm
Valid: 20230929 - 20231005



Probability to Exceed 50mm

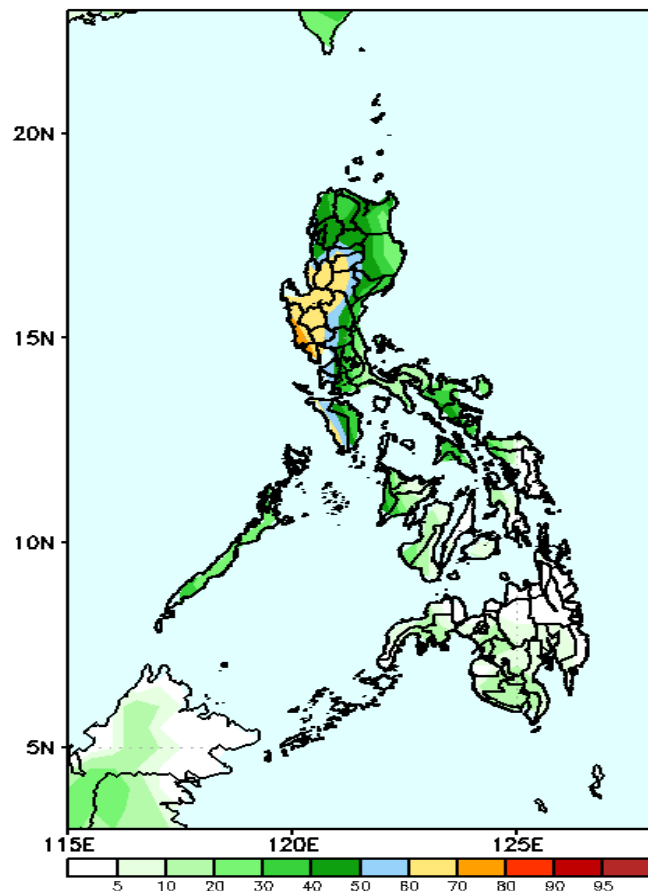
- Moderate to high in most parts of Luzon and Visayas, Bukidnon, Lanao provinces and Zamboanga Peninsula;
- Moderate to low over the rest of the country.

Exceedance Probability > 100/150/200 mm

Week 2: Sep 29- Oct 05, 2023

Very high probability
High Probability
Moderate Probability
Low Probability

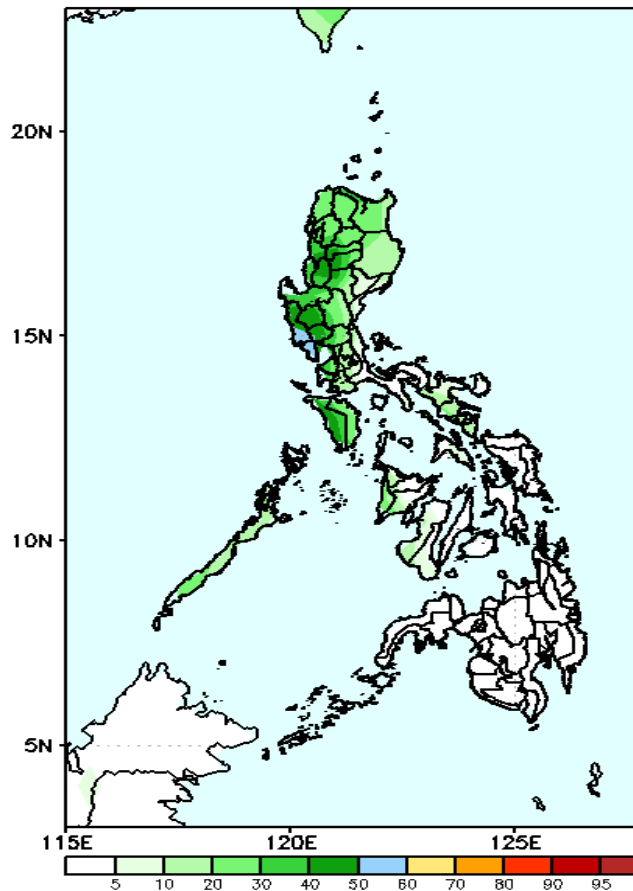
GEFS Week-2 Exceedance Prob. > 100mm
Valid: 20230929 - 20231005



Probability to Exceed 100mm

- Moderate to high over Occidental Mindoro, Batangas, Cavite, NCR, and the western portion of Central and Northern Luzon
- Low over the rest of the country.

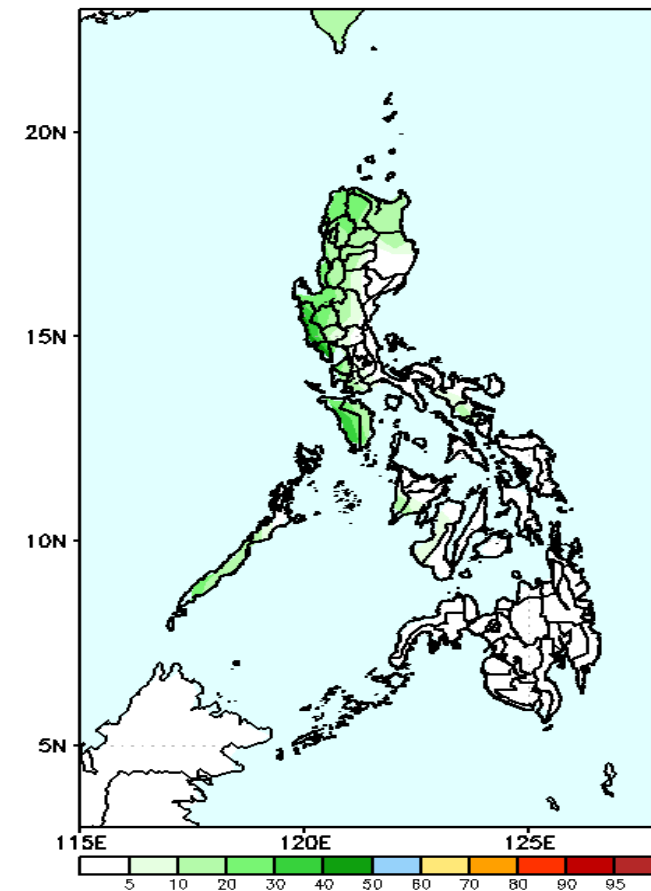
GEFS Week-2 Exceedance Prob. > 150mm
Valid: 20230929 - 20231005



Probability to Exceed 150mm

- Low in most parts of the country.

GEFS Week-2 Exceedance Prob. > 200mm
Valid: 20230929 - 20231005

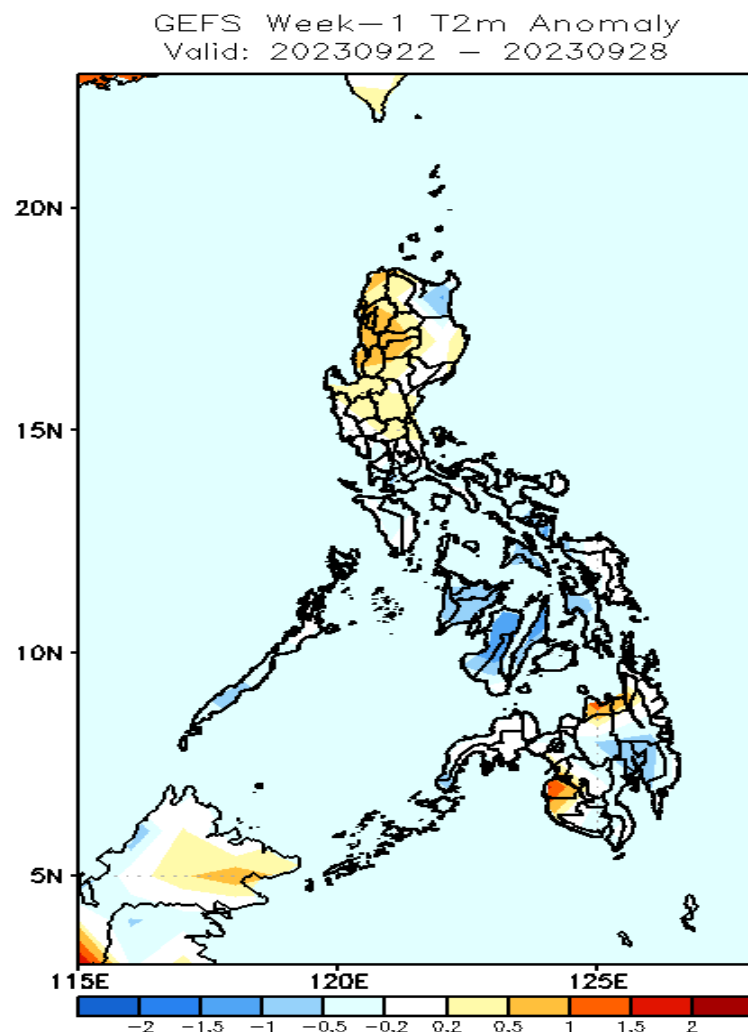


Probability to Exceed 200mm

- Low in most parts of the country.

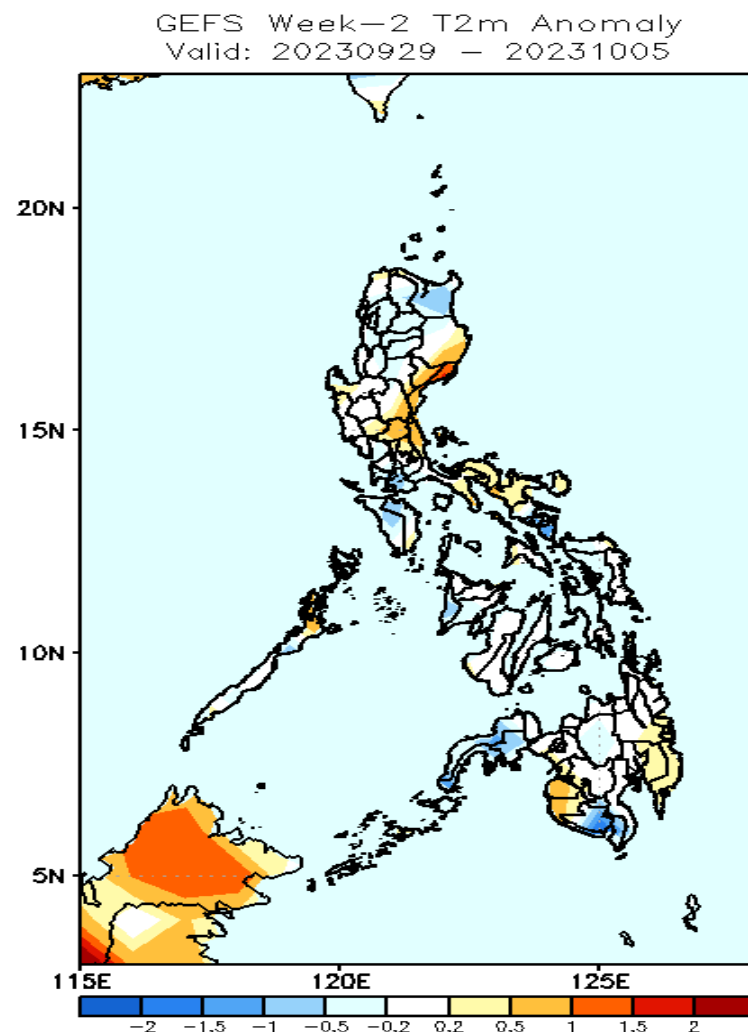


GEFS Week-1 & 2 Forecasts: T2m Anomaly



2m Temperature Week 1: Sep 22-28, 2023

Average to warmer than average surface air temperature will likely experience in most parts of Luzon (except Cagayan and parts of Palawan), Misamis Oriental, Maguindanao and Sultan Kudarat while average to cooler than average temperature will be likely over the rest of the country.



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

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