



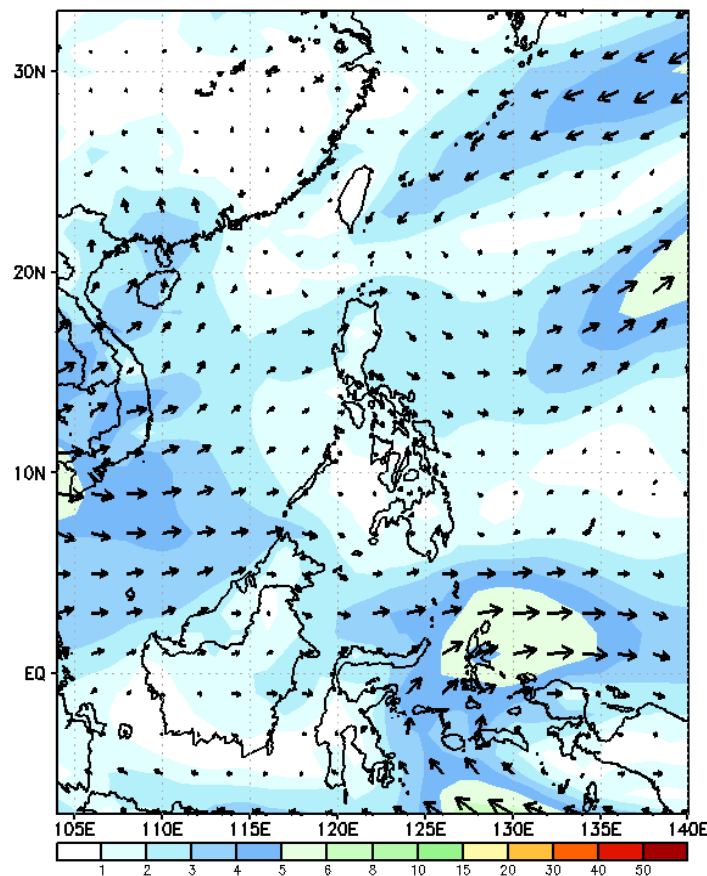
# Week 1 & Week 2 Forecast for the Philippines using GEFS Model



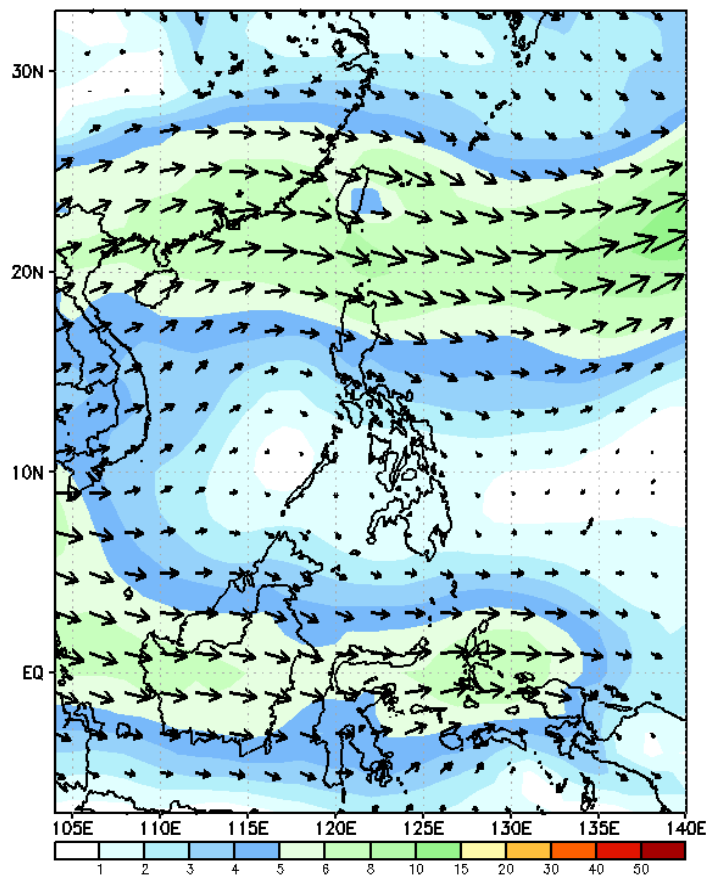
# GEFS Week-1 Forecasts: Wind Forecast

Week 1: May 10-16, 2023

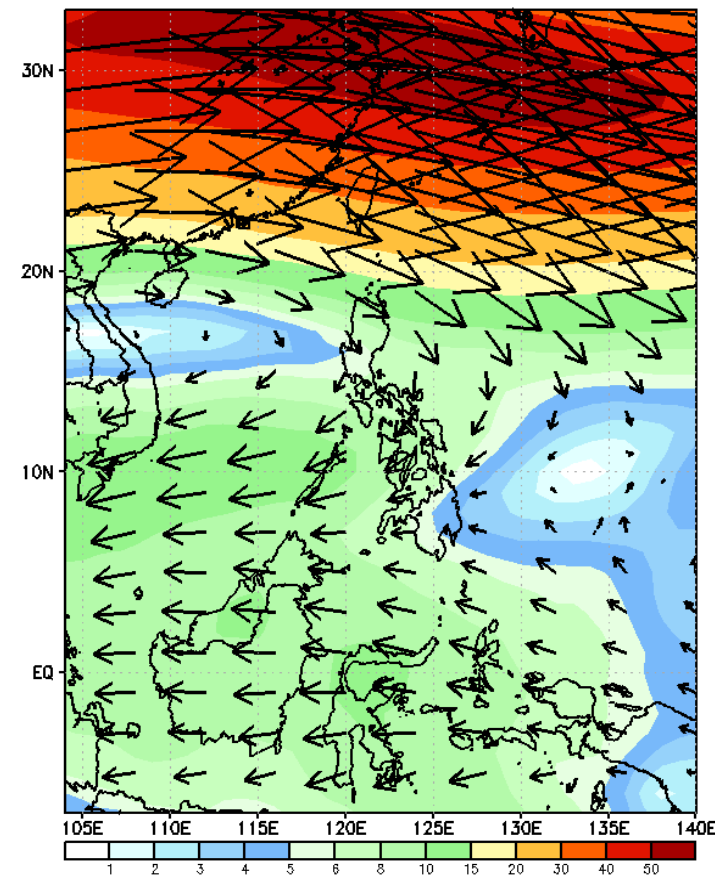
GEFS Week-1 850-hPa Wind Total  
Valid: 20230510 - 20230516



GEFS Week-1 700-hPa Wind Total  
Valid: 20230510 - 20230516



GEFS Week-1 200-hPa Wind Total  
Valid: 20230510 - 20230516

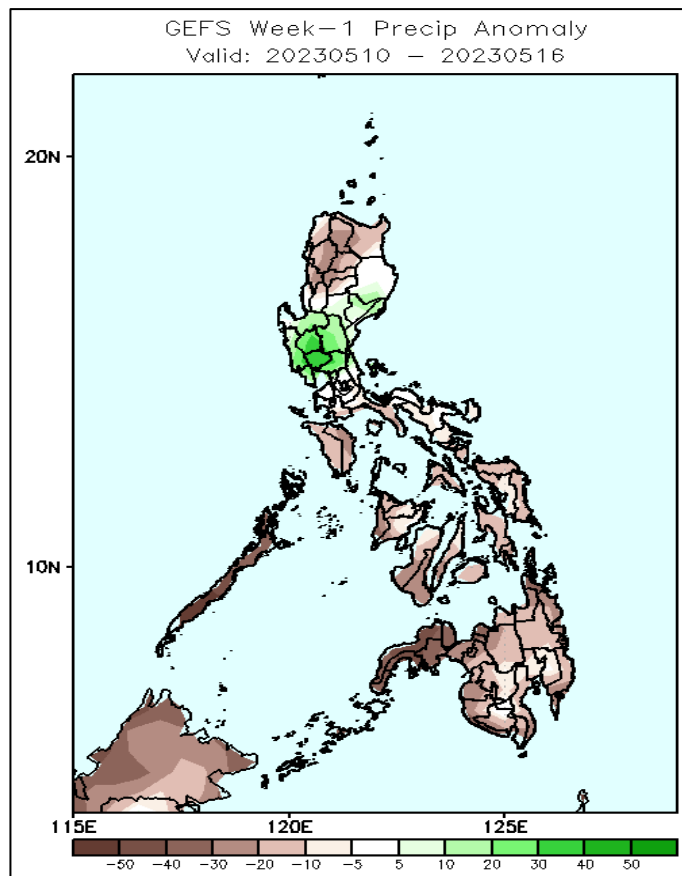


Westerlies is forecasted to prevail over n Luzon while Easterlies is forecasted to affect the rest of the country; expect dry and hot weather during the forecast period.

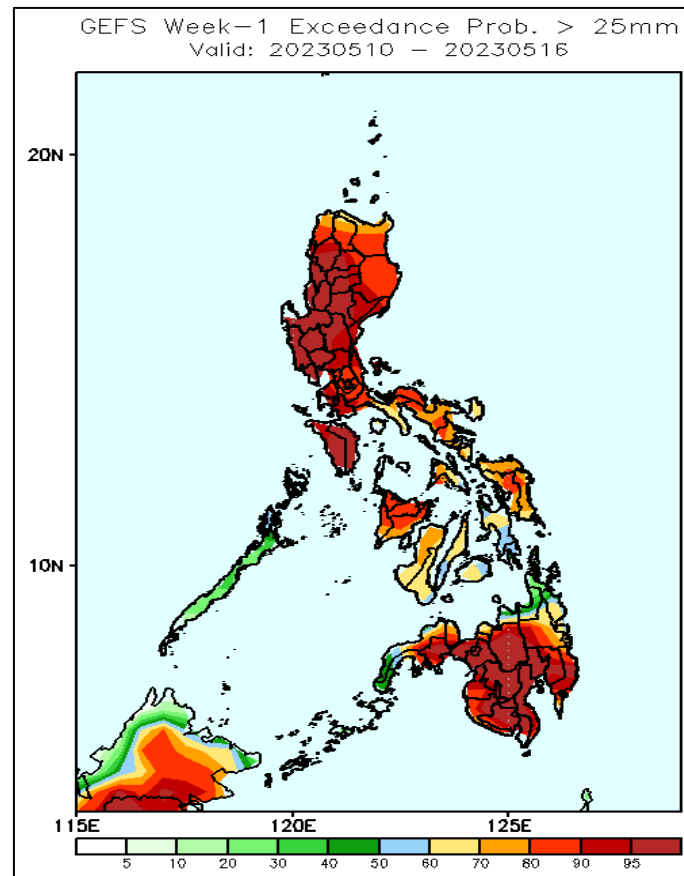
# Precipitation Anomaly and Exceedance Probability > 25/50 mm



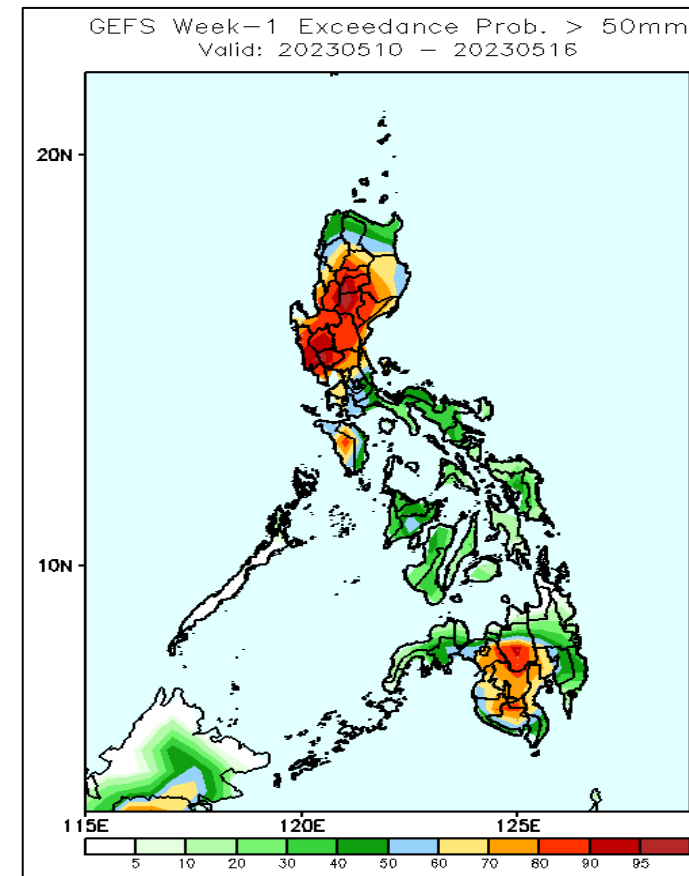
Week 1: May 10-16, 2023



Rainfall deficit of 40-100mm is expected in most parts of the country except Pangasinan and most of Central Luzon where 40-80mm increase of rainfall will be likely during the forecast period.



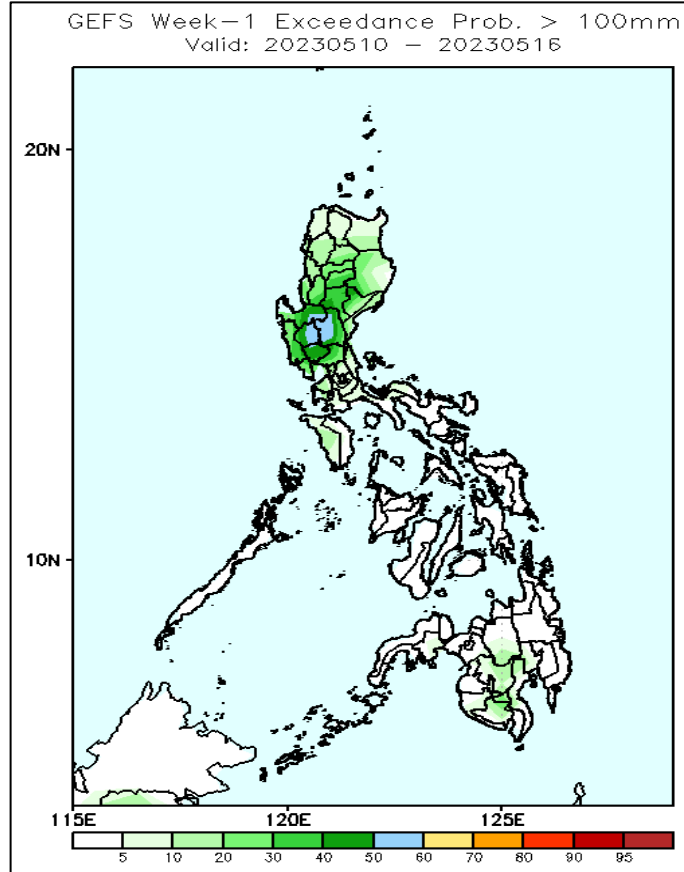
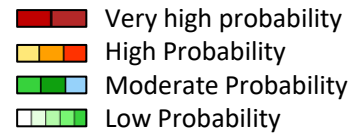
High to a very high probability to exceed 25mm of rainfall in most parts of the country.



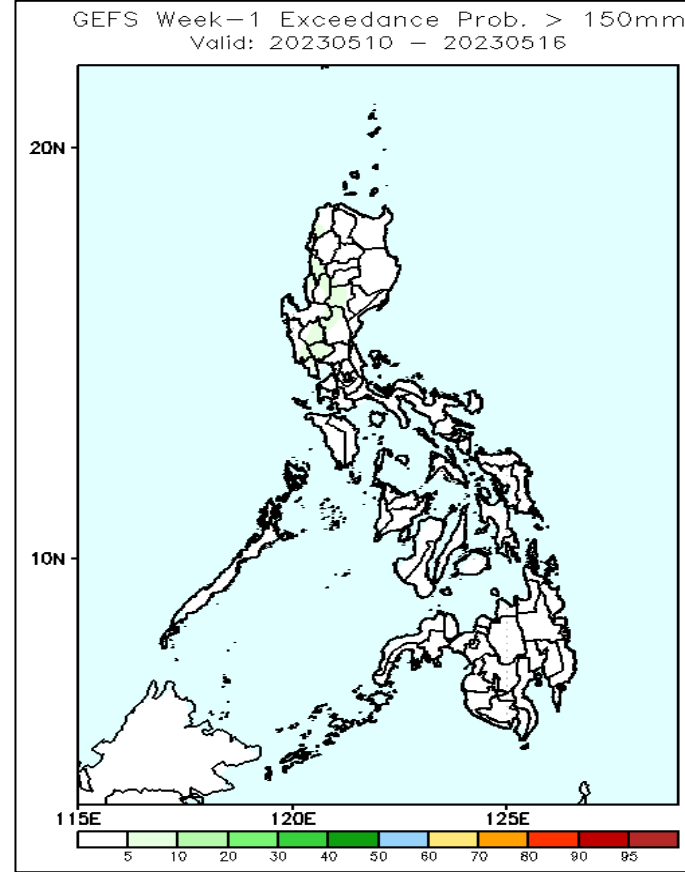
High to a very high probability to exceed 50mm of rainfall over Central Luzon, most parts of Northern Luzon, Metro Manila, SOCCSKSARGEN, BARM, Lanao Provinces, and Bukidnon while low to moderate likelihood over the rest of the country.

# Exceedance Probability > 100/150/200 mm

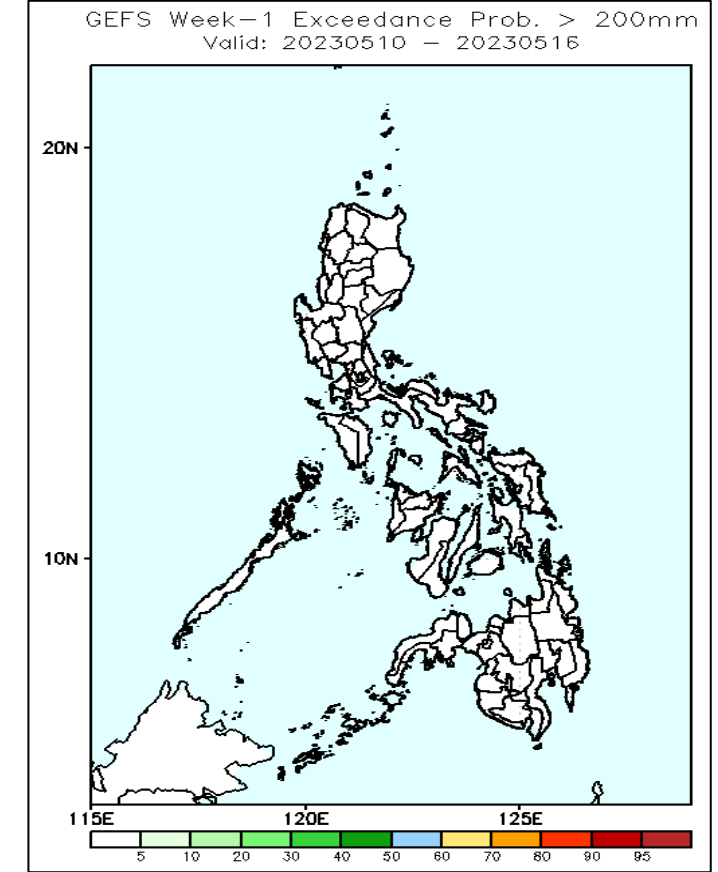
Week 1: May 10-16, 2023



Low to moderate probability to exceed 100mm of rainfall over Central Luzon while low probability over the rest of the country.



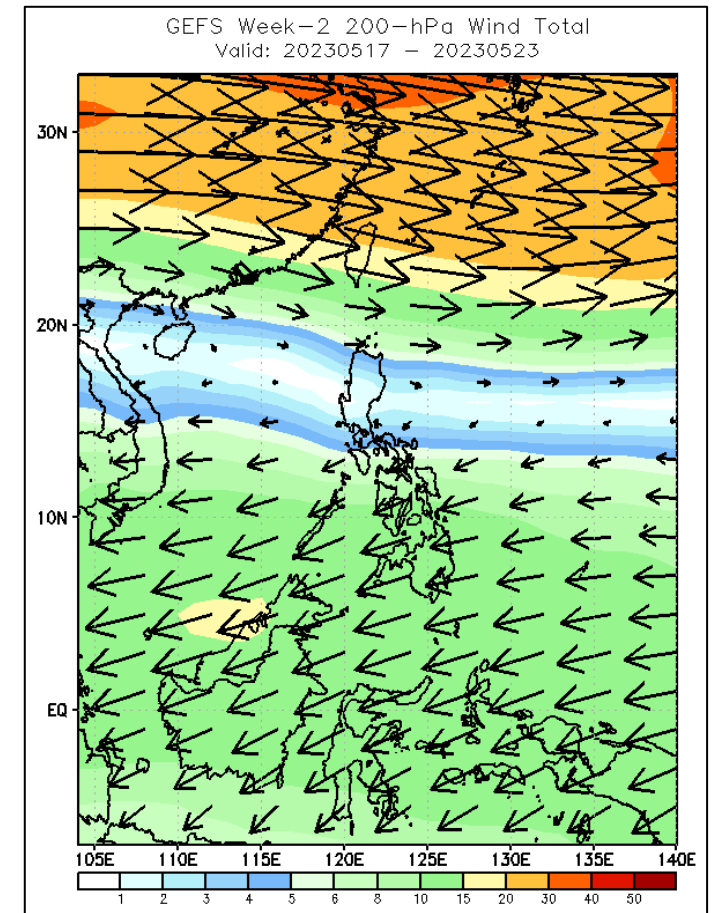
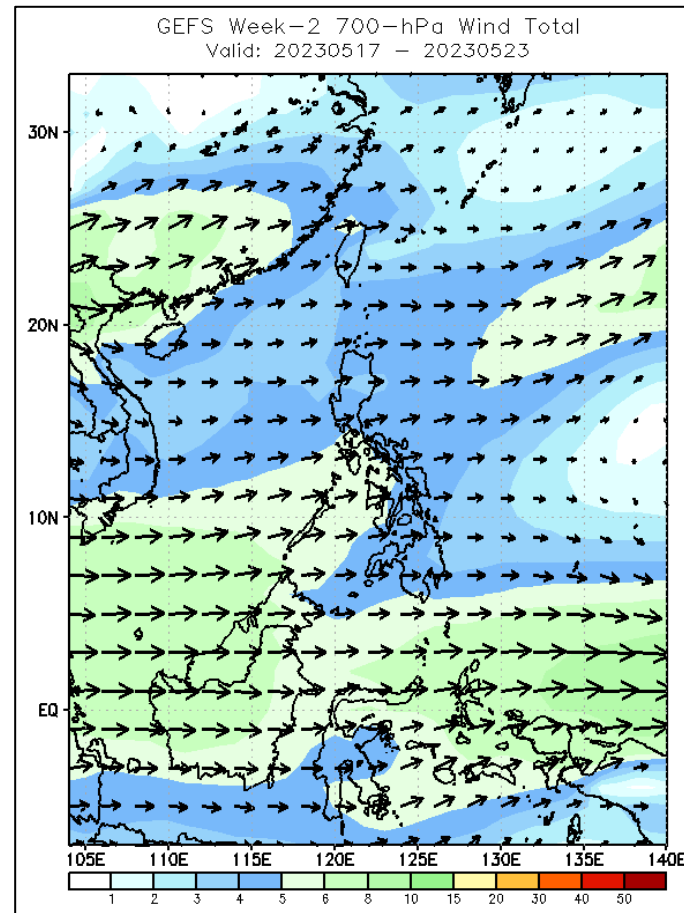
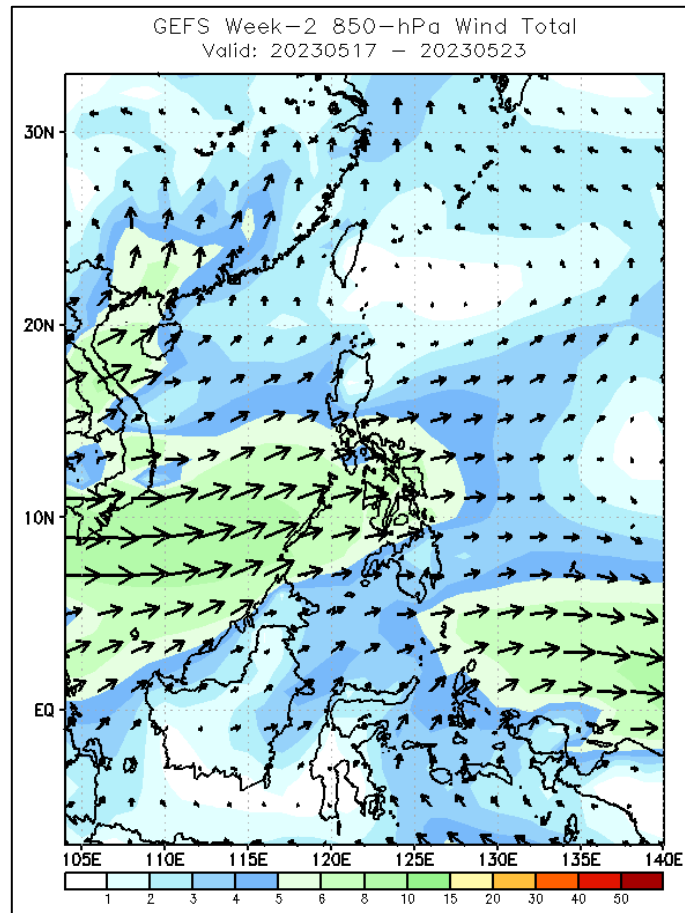
Low probability of rainfall to exceed 150mm in most parts of the country during the forecast period.



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: May 17-23, 2023



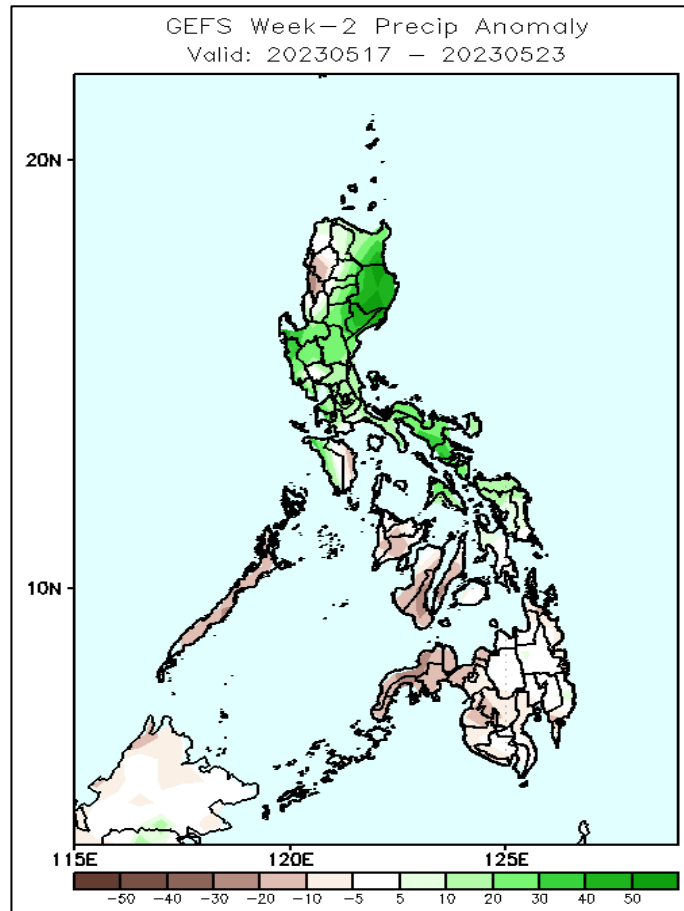
Westerlies is forecasted to affect the western sections of the country.



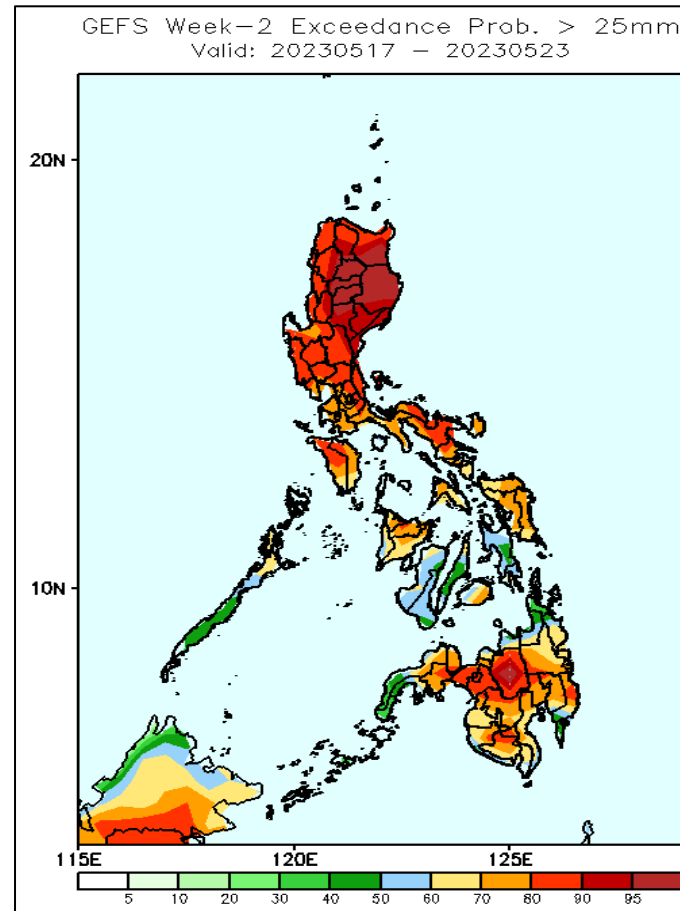
# Precipitation Anomaly and Exceedance Probability > 25/50 mm

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

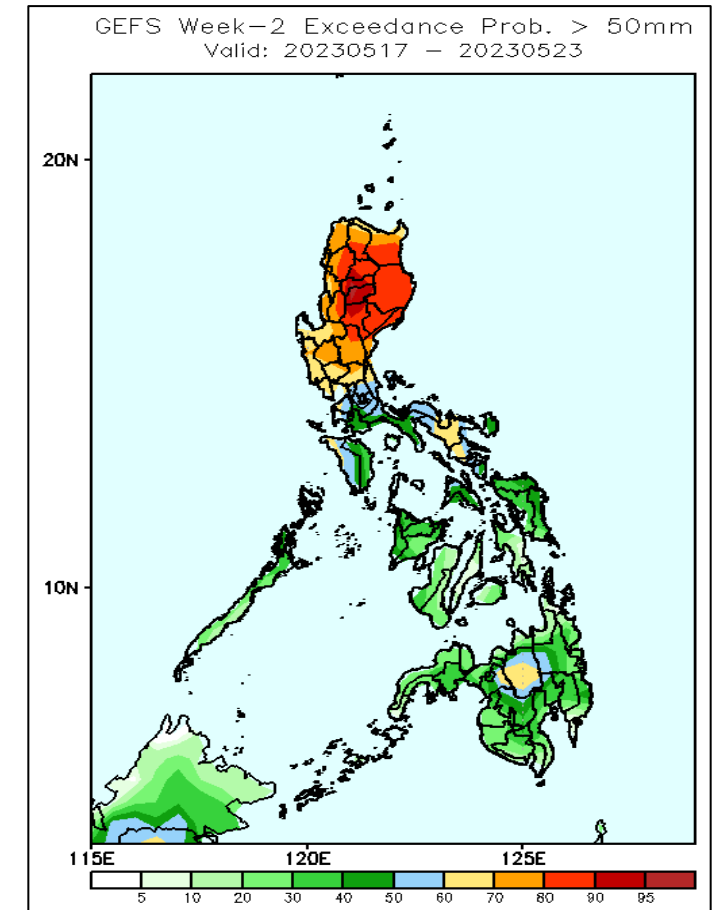
Week 2: May 17-23, 2023



Increase of rainfall of 40-80 mm is expected in most parts of Luzon and Eastern Visayas while 20-60mm rainfall deficit in Abra, Ilocos Sur, Palawan, the rest of Visayas and most parts of Mindanao during the forecast period.



High to a very high probability to exceed 25mm of rainfall in most parts of Luzon and Mindanao while moderate to high probability in Visayas.



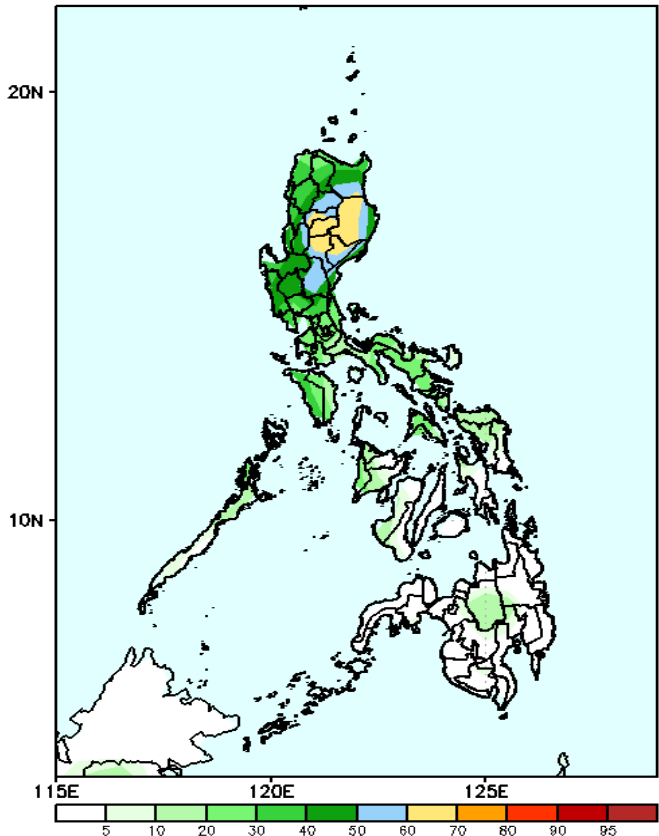
Moderate to high probability to exceed 50mm of rainfall in most parts of Luzon and Bukidnon while low to moderate likelihood over the rest of the country.



# Exceedance Probability > 100/150/200 mm

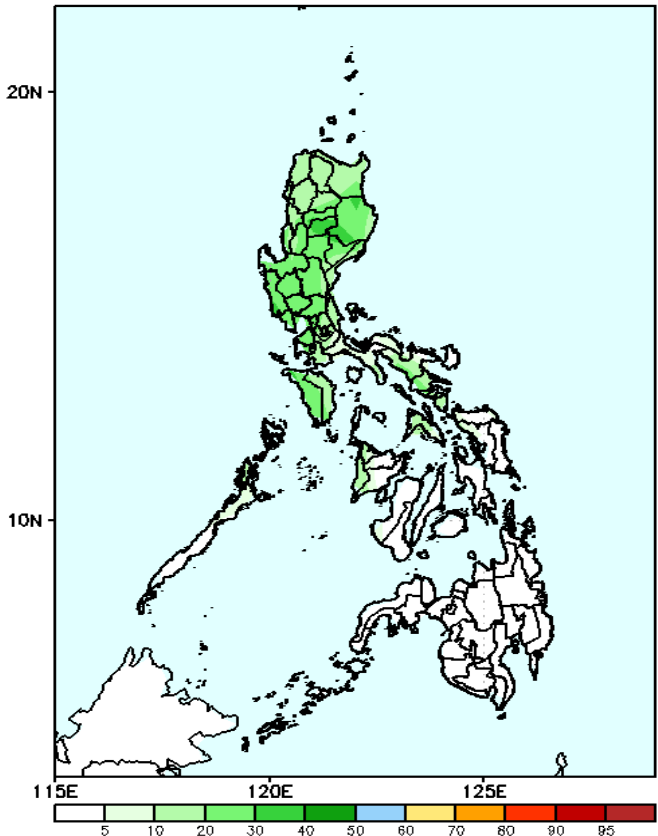
Week 2: May 17-23, 2023

GEFS Week-2 Exceedance Prob. > 100mm  
Valid: 20230517 – 20230523



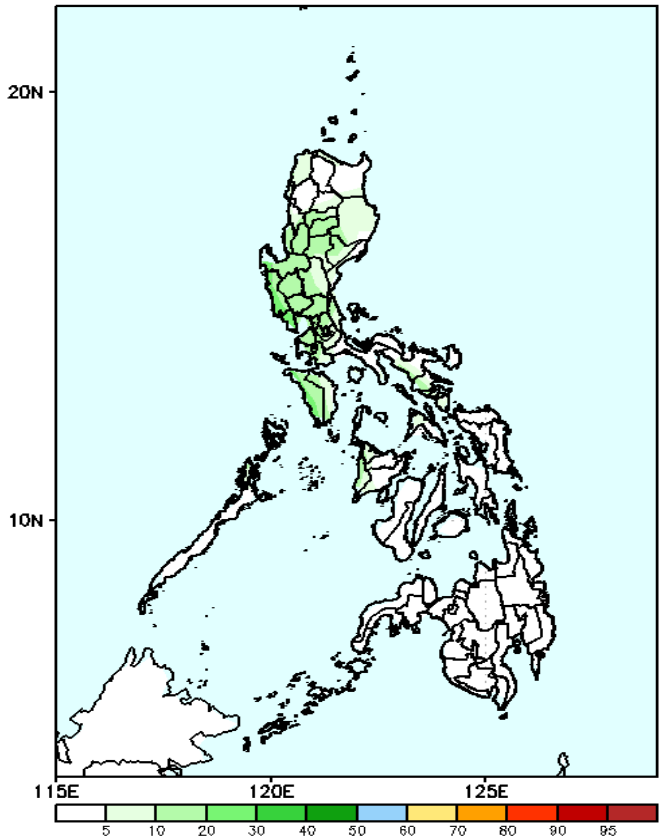
Moderate to a high probability to exceed 100mm of rainfall in some parts of CAR and Cagayan Valley regions while low likelihood over the rest of the country.

GEFS Week-2 Exceedance Prob. > 150mm  
Valid: 20230517 – 20230523



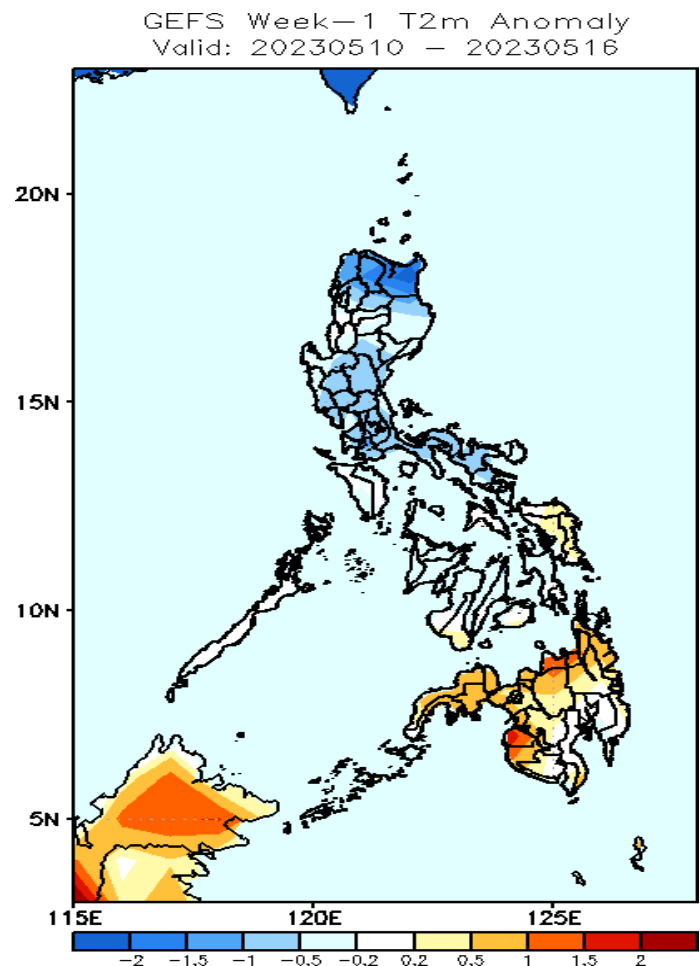
Low probability of rainfall to exceed 150mm in most parts of the country during the forecast period.

GEFS Week-2 Exceedance Prob. > 200mm  
Valid: 20230517 – 20230523



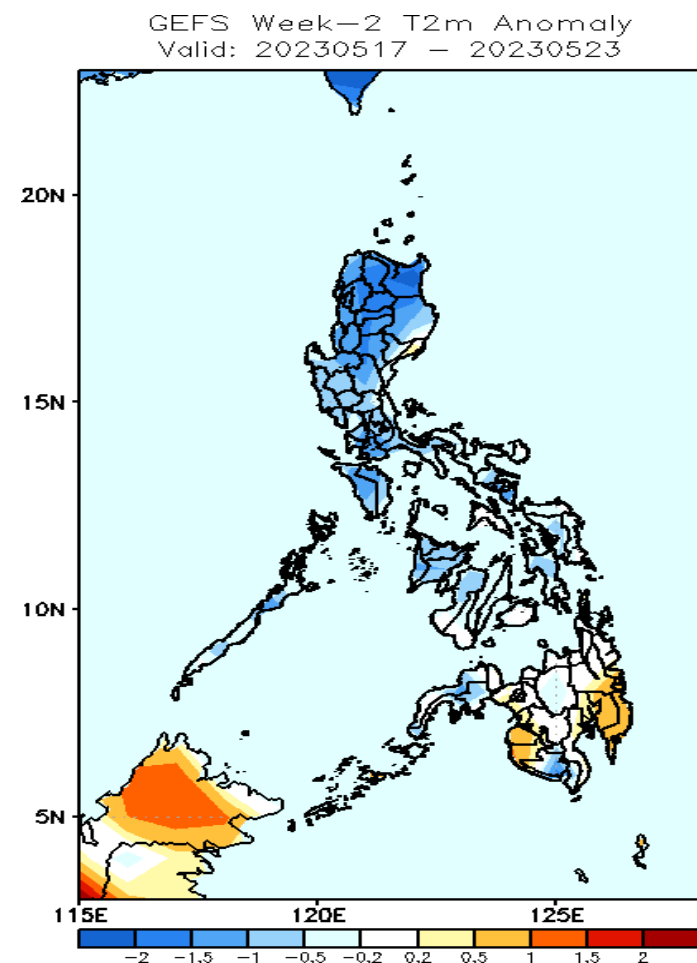
Low probability of rainfall to exceed 200mm in most parts of the country during the forecast period.

# GEFS Week-1 & 2 Forecasts: T2m Anomaly



## 2m Temperature Week 1: May 10-16, 2023

Cooler than average surface air temperature will likely experience in most parts of Luzon ; average to slightly cooler for MIMAROPA, Western and Central Visayas and Leyte provinces while slightly warmer to warmer than average surface air temperature in Samar provinces and most of Mindanao during the forecast period.



## 2m Temperature Week 2: May 17-23, 2023

Cooler than average surface air temperature will likely experience in northern Luzon; average to slightly cooler for the rest of the country except in Davao region, Maguindanao & Sultan Kudarat were slightly warmer than average temperature will be likely during the forecast period.