



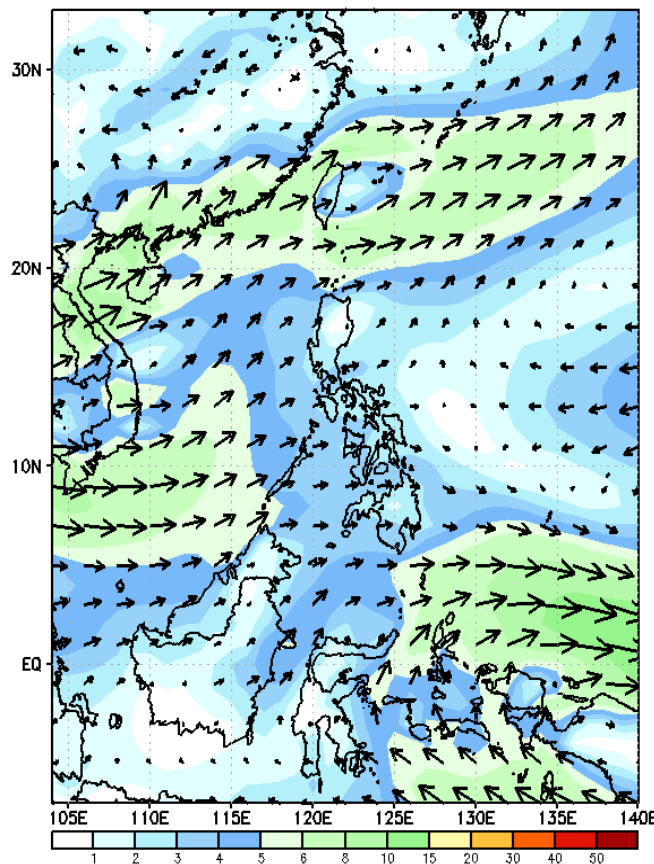
Week 1 & Week 2 Forecast for the Philippines using GEFS Model



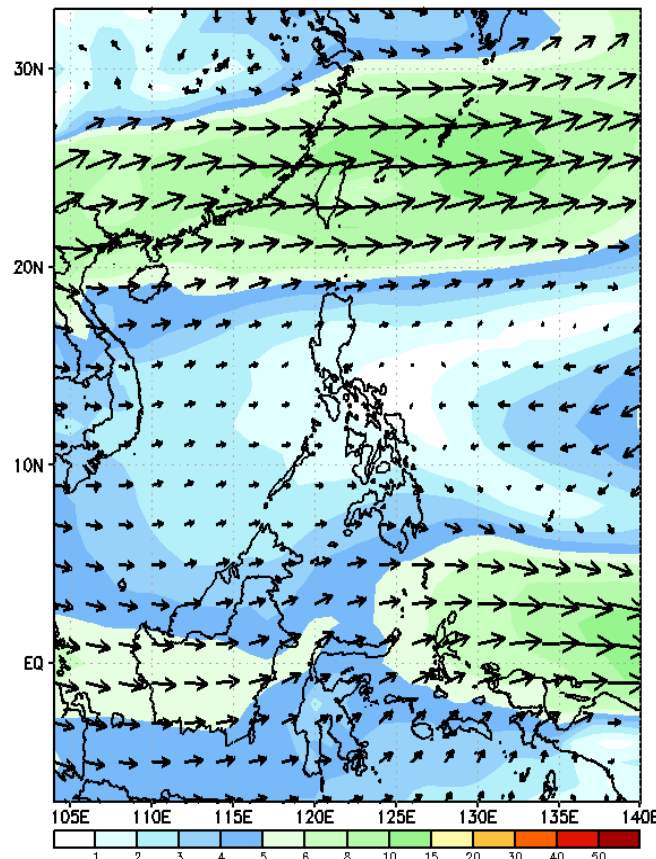
GEFS Week-1 Forecasts: Wind Forecast

Week 1: May 17-23, 2023

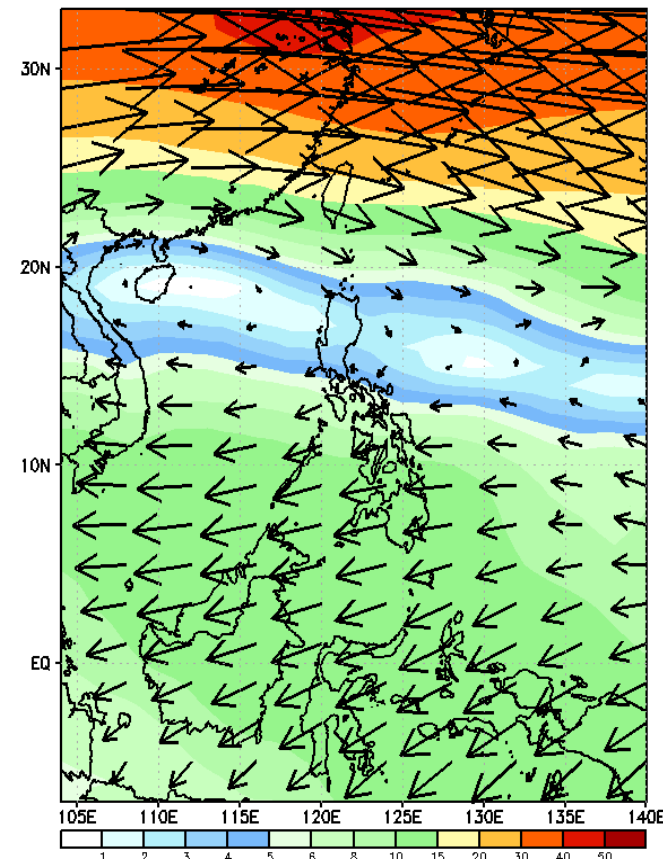
GEFS Week-1 850-hPa Wind Total
Valid: 20230517 - 20230523



GEFS Week-1 700-hPa Wind Total
Valid: 20230517 - 20230523



GEFS Week-1 200-hPa Wind Total
Valid: 20230517 - 20230523



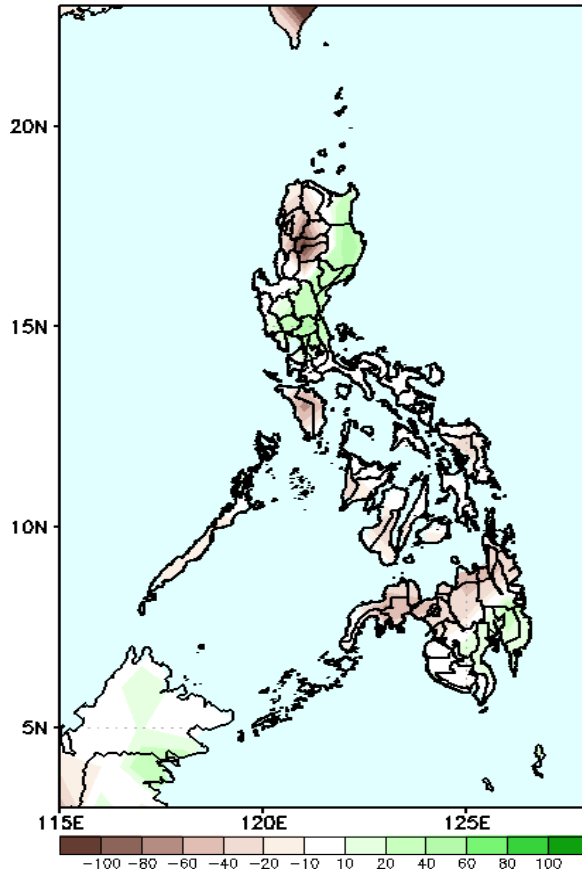
Weak Westerly to southwesterly wind flow is forecasted to prevail over the western sections of the country. Easterlies is forecasted to some areas in the eastern section Luzon and Visayas during the forecast period.

Precipitation Anomaly and Exceedance Probability > 25/50 mm

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

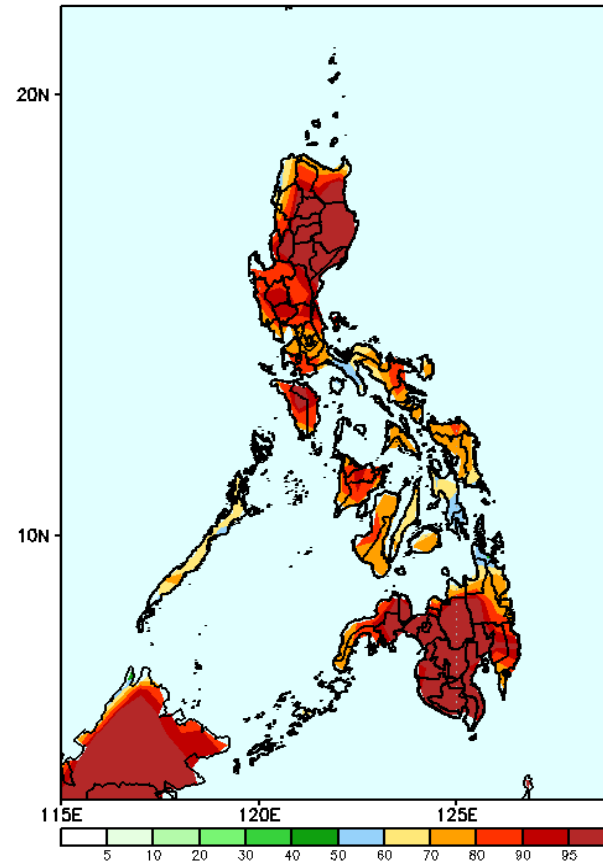
Week 1: May 17-23, 2023

GEFS Week-1 Precip Anomaly
Valid: 20230517 - 20230523



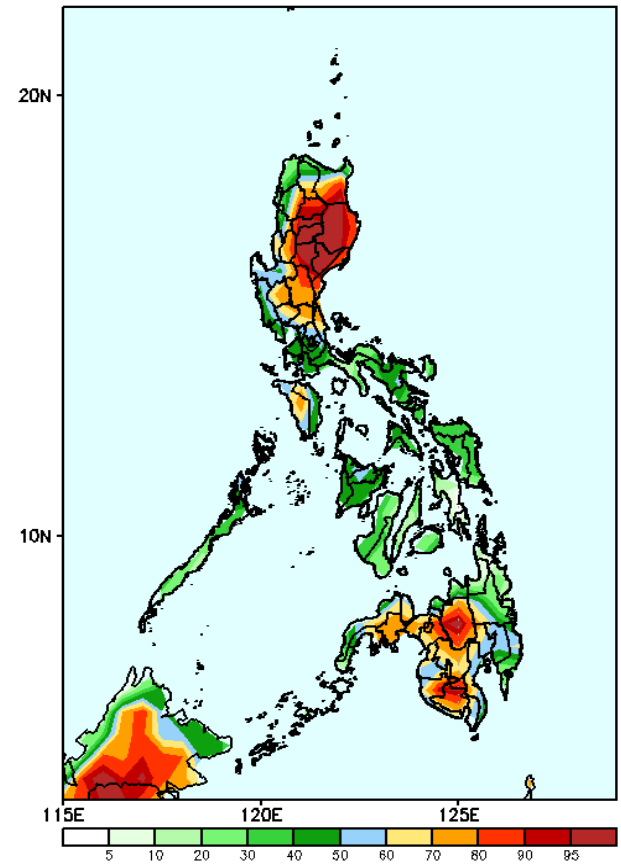
Rainfall deficit of 40-80mm is expected in most parts of the country except Cagayan Valley, Central Luzon and Davao region where 40-60mm increase of rainfall is more likely during the forecast period.

GEFS Week-1 Exceedance Prob. > 25mm
Valid: 20230517 - 20230523



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

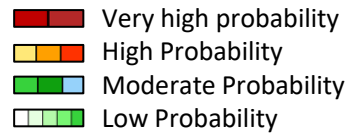
GEFS Week-1 Exceedance Prob. > 50mm
Valid: 20230517 - 20230523



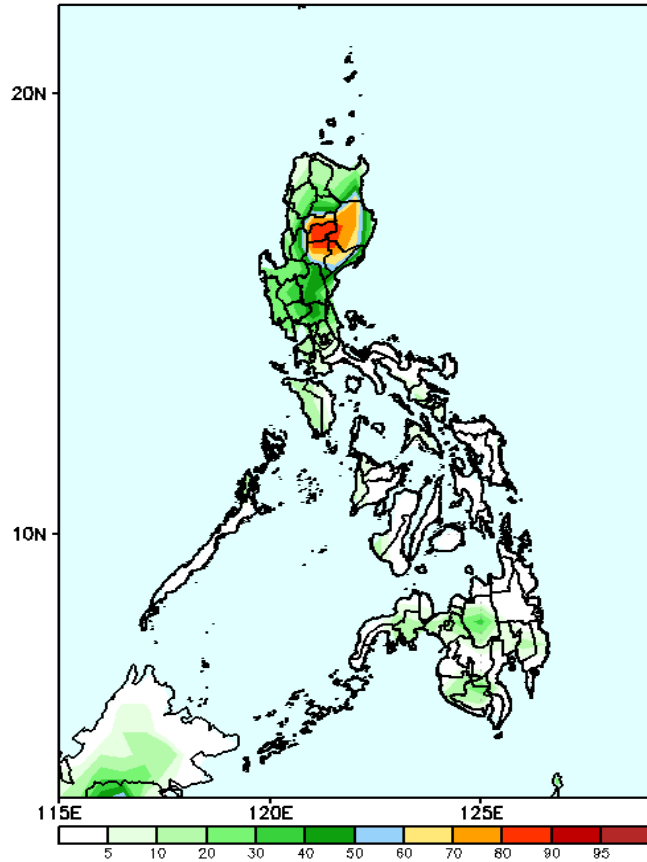
High to a very high probability to exceed 50mm of rainfall in most parts of Northern Luzon; moderate to high probability in Central Luzon, Mindoro provinces and most parts of Mindanao while low to moderate likelihood over the rest of the country.

Exceedance Probability > 100/150/200 mm

Week 1: May 17-23, 2023

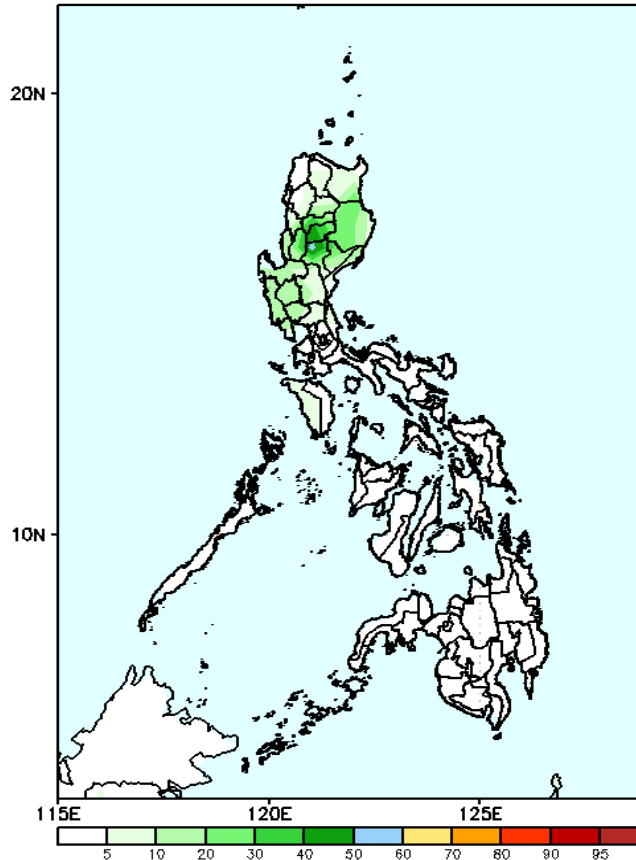


GEFS Week-1 Exceedance Prob. > 100mm
Valid: 20230517 - 20230523



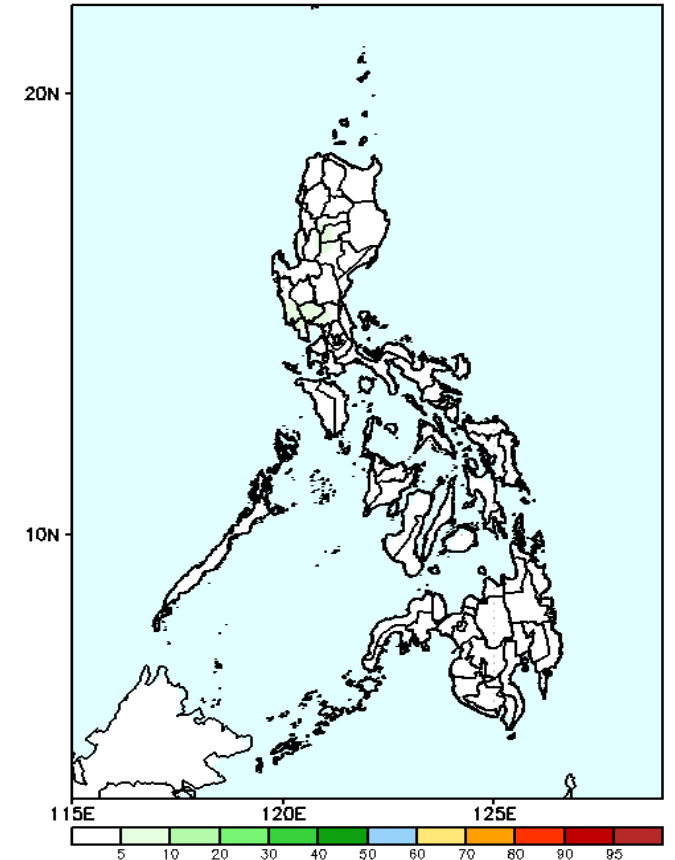
Moderate to high probability to exceed 100mm of rainfall in portions of CAR and Cagayan Valley region while low likelihood over the rest of the country.

GEFS Week-1 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-1 Exceedance Prob. > 200mm
Valid: 20230517 - 20230523

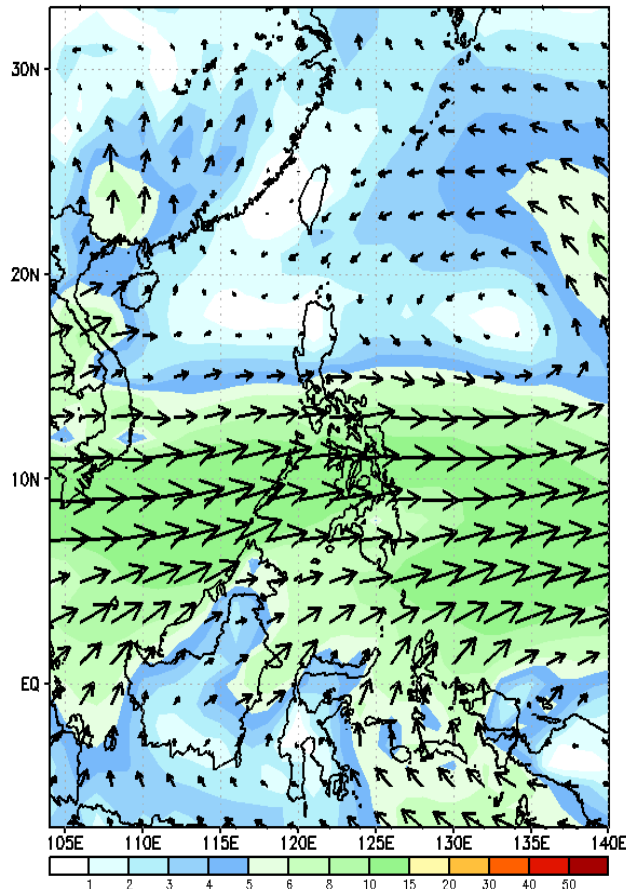


Low probability of rainfall to exceed 200mm in most parts of the country during the forecast period.

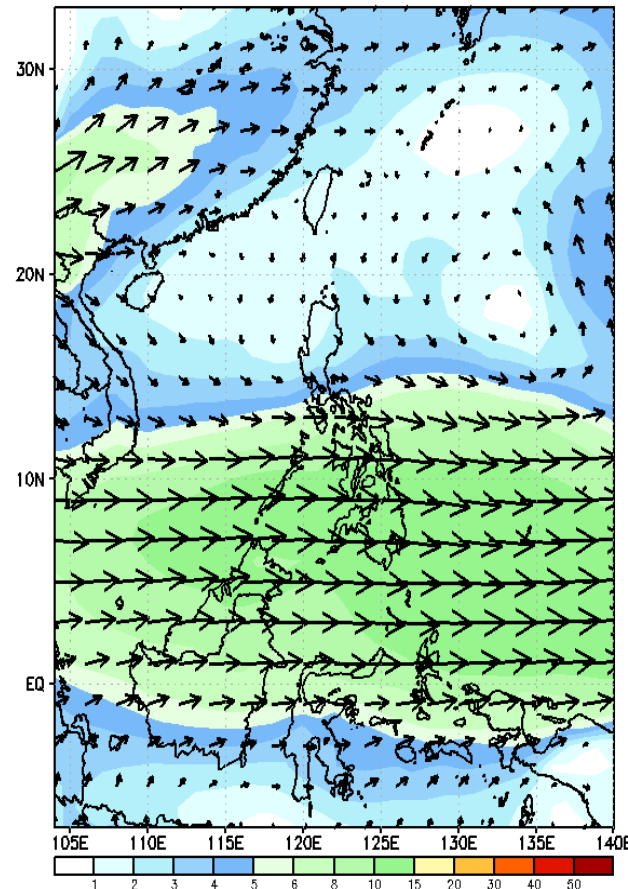
GEFS Week-2 Forecasts: Wind Forecast

Week 2: May 24-30, 2023

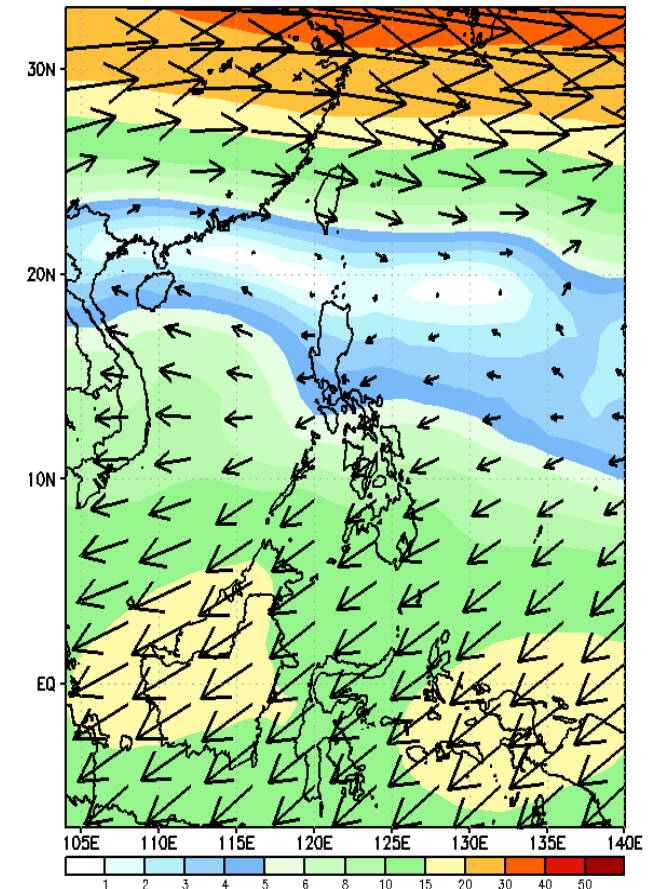
GEFS Week-2 850-hPa Wind Total
Valid: 20230524 - 20230530



GEFS Week-2 700-hPa Wind Total
Valid: 20230524 - 20230530

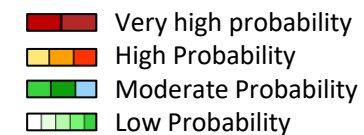


GEFS Week-2 200-hPa Wind Total
Valid: 20230524 - 20230530



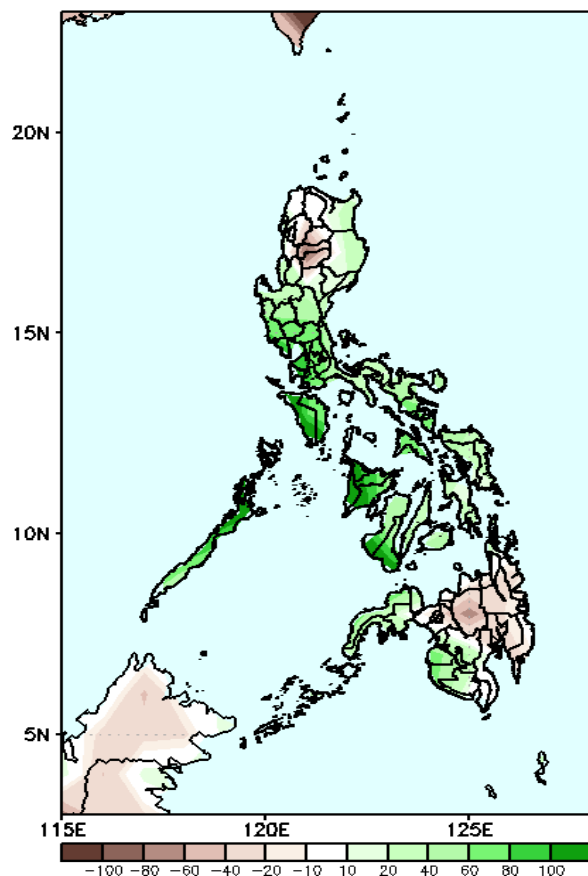
Westerly wind flow is forecasted to affect Visayas and Mindanao while Easterlies is forecasted to affect the eastern section of Luzon during the forecast period.

Precipitation Anomaly and Exceedance Probability > 25/50 mm

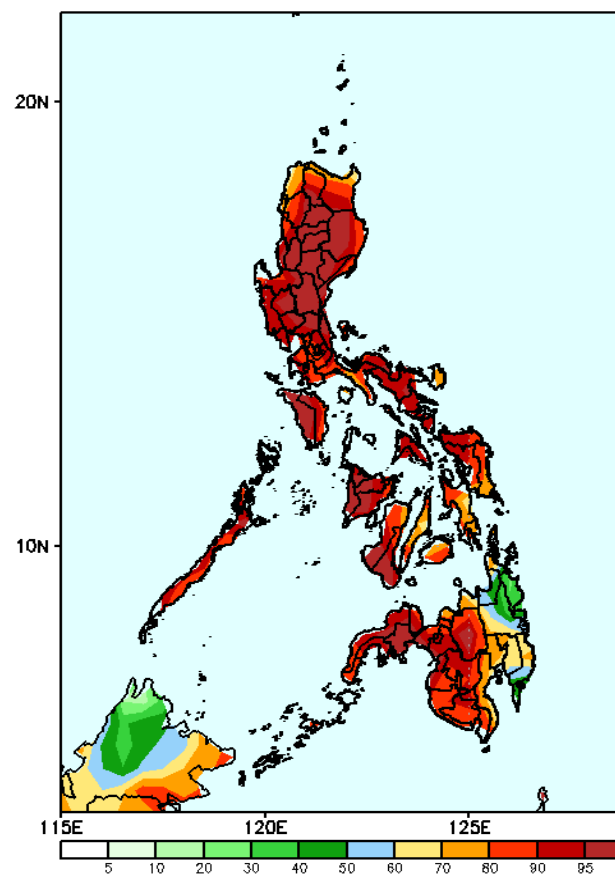


Week 2: May 24-30, 2023

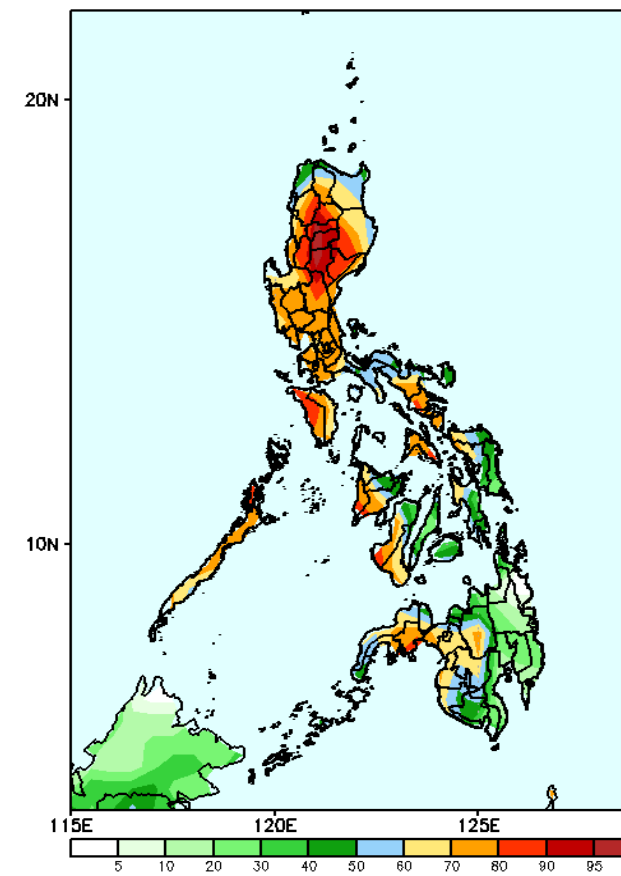
GEFS Week-2 Precip Anomaly
Valid: 20230524 - 20230530



GEFS Week-2 Exceedance Prob. > 25mm
Valid: 20230524 - 20230530



GEFS Week-2 Exceedance Prob. > 50mm
Valid: 20230524 - 20230530



Rainfall increase of more than 100mm is expected in most parts of the country except CAR, Northern and Eastern Mindanao where rainfall deficit of 20-60mm is most likely during the forecast period.

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

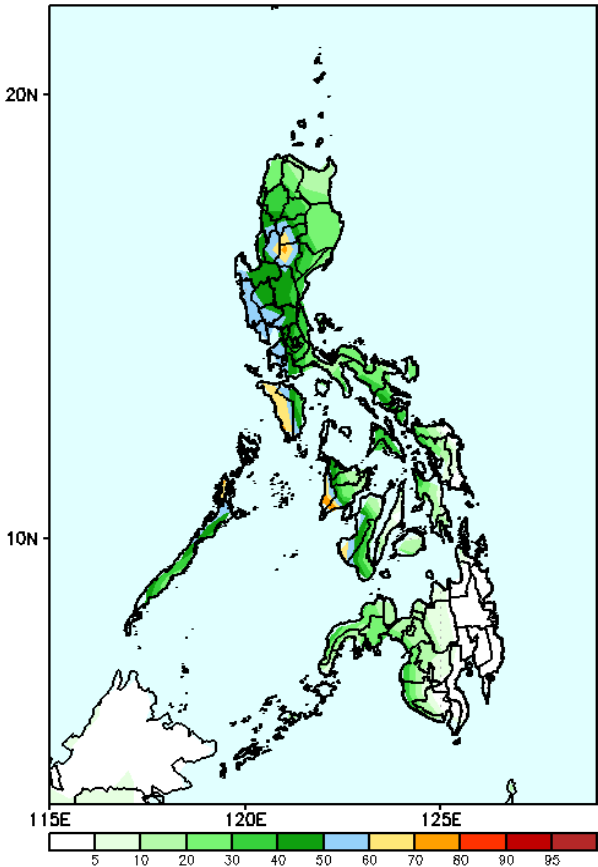
High to very high probability to exceed 50mm of rainfall in most parts of Northern and Central Luzon; moderate to high probability in Southern Luzon, Visayas and Western Mindanao including Zamboanga Peninsula while low to moderate likelihood over the rest of Mindanao.

Exceedance Probability > 100/150/200 mm

Week 2: May 24-30, 2023

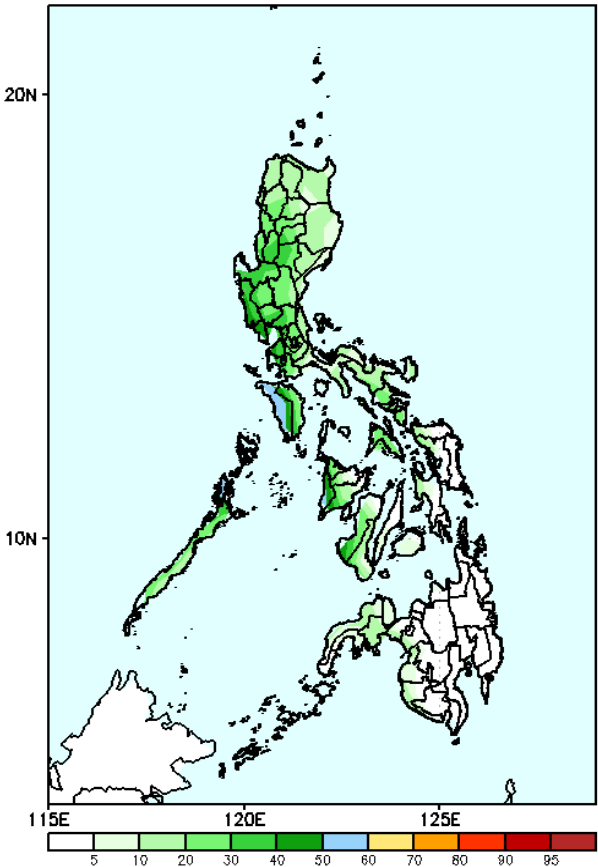
- Very high probability
- High Probability
- Moderate Probability
- Low Probability

GEFS Week-2 Exceedance Prob. > 100mm
Valid: 20230524 - 20230530



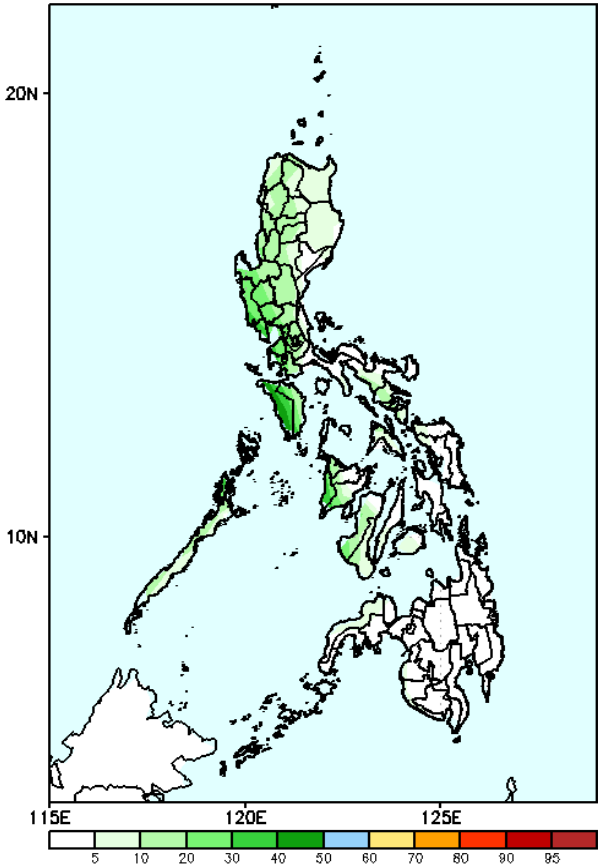
Moderate to a high probability to exceed 100mm of rainfall in some portions of CAR and in some parts of Western Luzon and Western Visayas; low to moderate likelihood for the rest of Luzon and Visayas while low likelihood over the rest of Mindanao

GEFS Week-2 Exceedance Prob. > 150mm
Valid: 20230524 - 20230530



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

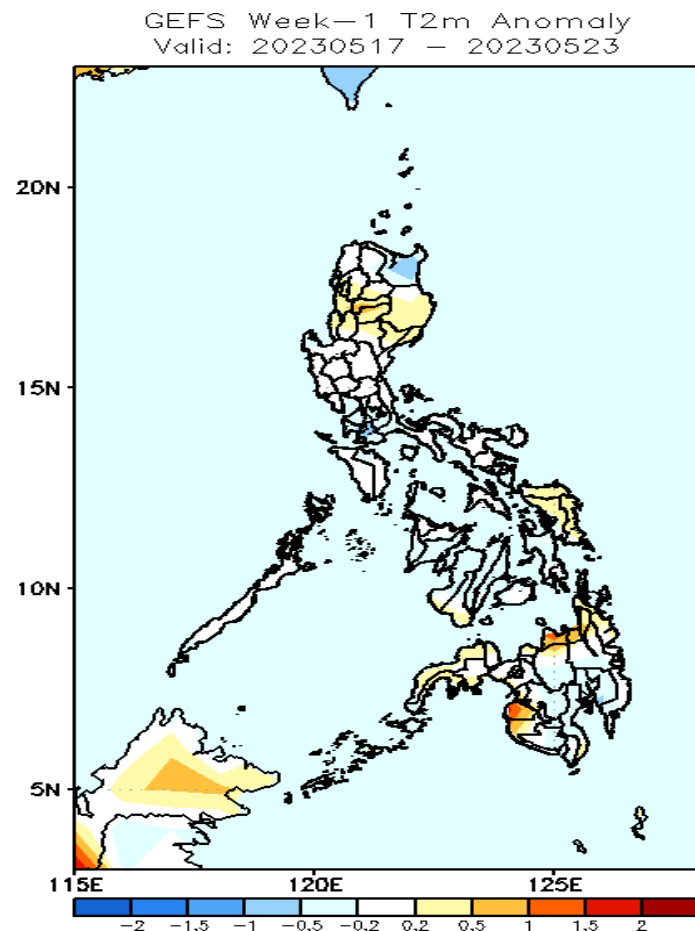
GEFS Week-2 Exceedance Prob. > 200mm
Valid: 20230524 - 20230530



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

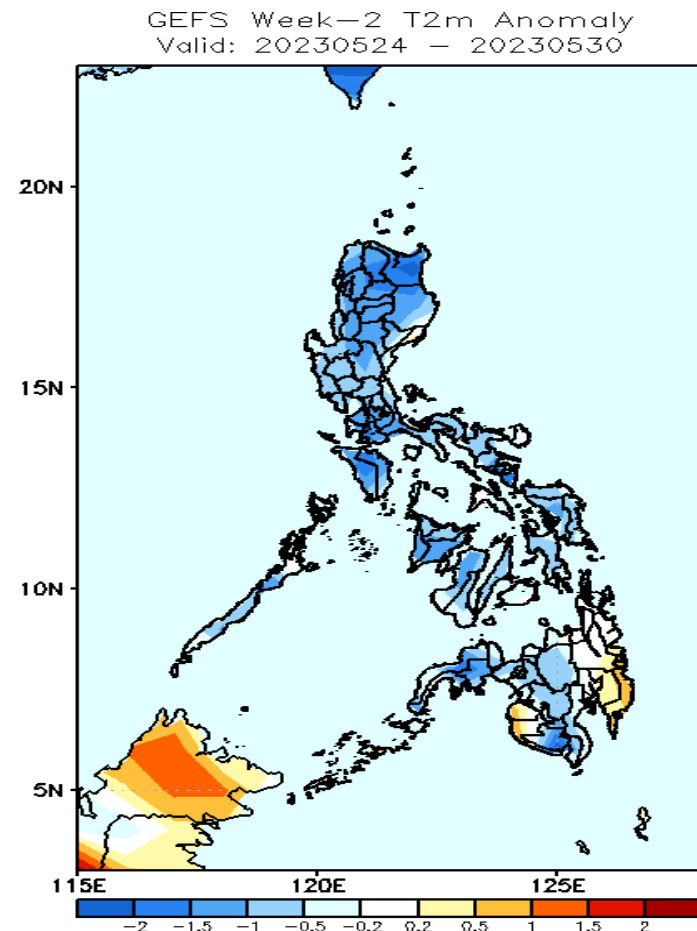


GEFS Week-1 & 2 Forecasts: T2m Anomaly



2m Temperature Week 1: May 17-23, 2023

Average to slightly warmer surface air temperature will likely experience in most parts the country except in Cagayan and some portions of CALABARZON and Davao region where slightly cooler than average surface air temperature will likely have during the forecast period.



2m Temperature Week 2: May 24-30, 2023

Average to cooler than average surface air temperature will likely experience in most parts of the country except in Davao Oriental, Davao de Oro, Maguindanao and Sultan Kudarat where slightly warmer than average temperature will likely have during the forecast period.