

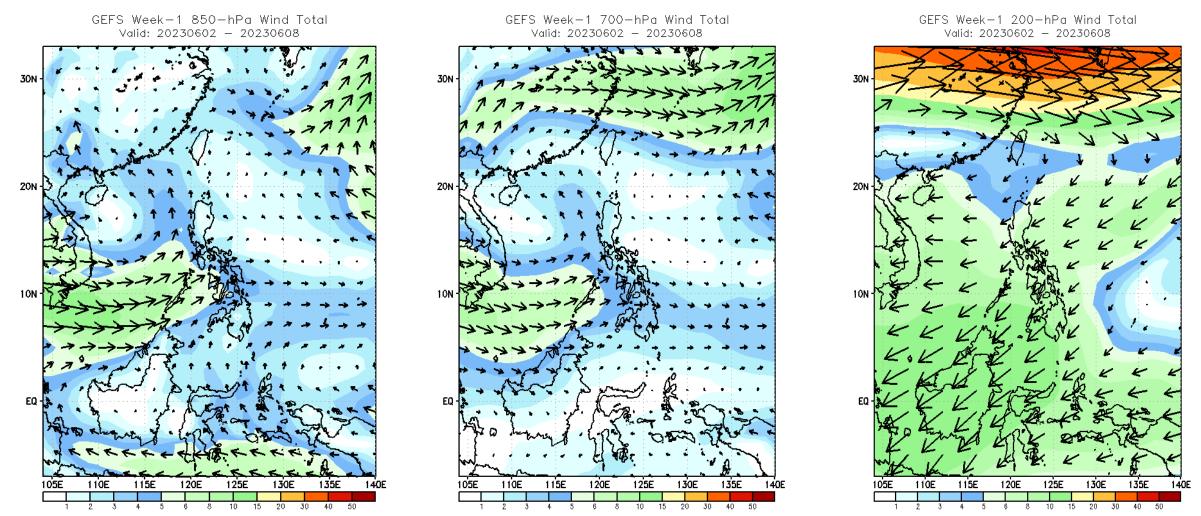
# Week 1 & Week 2 Forecast for the Philippines using GEFS Model





## **GEFS Week-1 Forecasts:** Wind Forecast

#### Week 1: Jun 02 - 08, 2023



Southwest Monsoon is forecasted to prevail in most parts of the country.

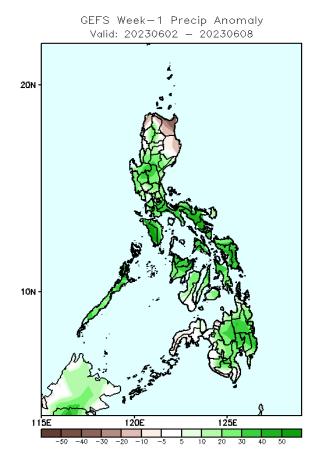




## Precipitation Anomaly and Exceedance Probability > 25/50 mm

Very high probability
High Probability
Moderate Probability
Low Probability

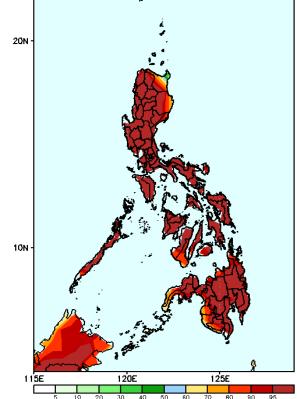
#### Week 1: Jun 02 - 08, 2023



Rainfall increase of more than 60mm is expected in most parts of the country except llocos Norte, Cagayan and Isabela were 40mm deficit of rainfall will be likely.

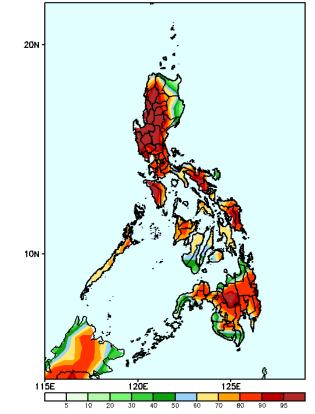


GEFS Week-1 Exceedance Prob. > 25mm Valid: 20230602 - 20230608



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

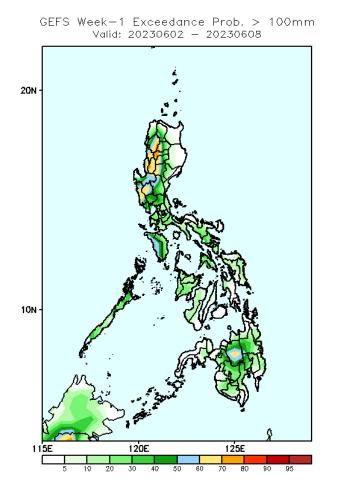
GEFS Week-1 Exceedance Prob. > 50mm Valid: 20230602 - 20230608



High to very probability to exceed 50mm of rainfall over most parts of the country aside from moderate to high likelihood over the Cagayan Valley, Central Visayas and some parts of the western and northern sections of Mindanao.

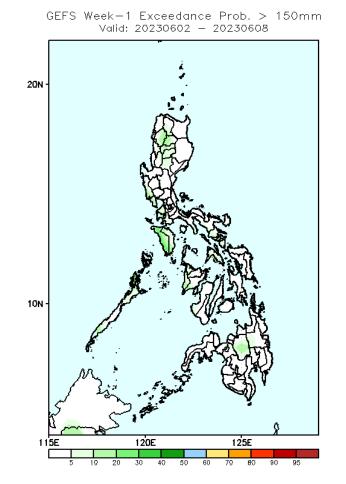
## Exceedance Probability > 100/150/200 mm

#### Week 1: Jun 02 - 08, 2023

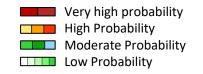


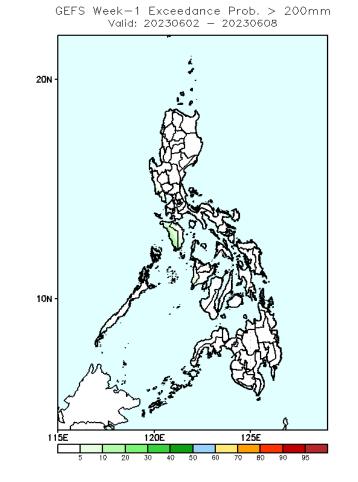
Moderate to high probability to exceed 100mm of rainfall over the western sections of Central and Northern Luzon, Occidental Mindoro and Bukidnon while low likelihood over the rest of the country.





Low probability to exceed 150mm of rainfall over the rest of the country.



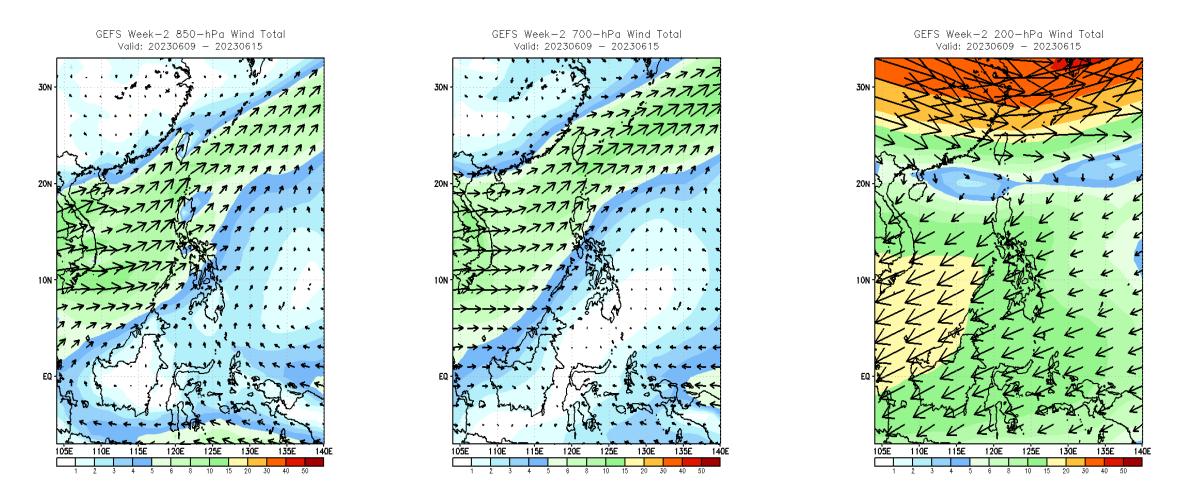


Low probability to exceed 200mm of rainfall over the rest of the country.



# **GEFS Week-2 Forecasts: Wind Forecast**

## Week 2: June 09 - 15, 2023



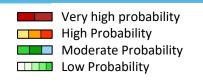
Southwest monsoon is forecasted to prevail in Luzon and Western Visayas while easterlies will likely affect the rest of Visayas and Mindanao.



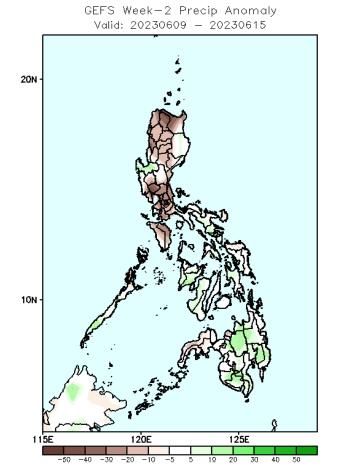
DOST



## Precipitation Anomaly and Exceedance Probability > 25/50 mm



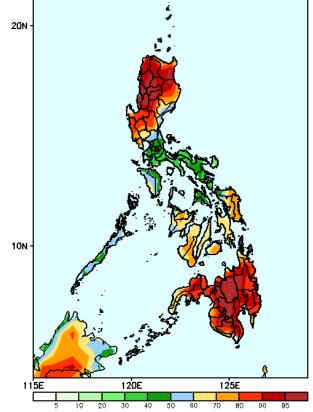
#### Week 2: June 09 - 15, 2023



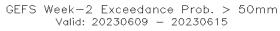
Rainfall deficit of more than 50mm is expected in most parts of Luzon, Visayas and Zamboanga peninsula while an increase of 20-60mm of rainfall is more likely for the remaining parts of the country.

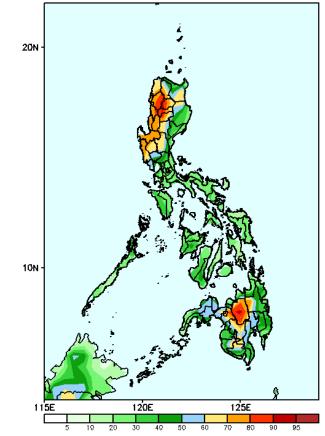


GEFS Week-2 Exceedance Prob. > 25mm Valid: 20230609 - 20230615



High to a very high probability to exceed 25mm of rainfall in Central and Northern Luzon and Mindanao, while moderate to high likelihood over Visayas and the rest of Luzon .

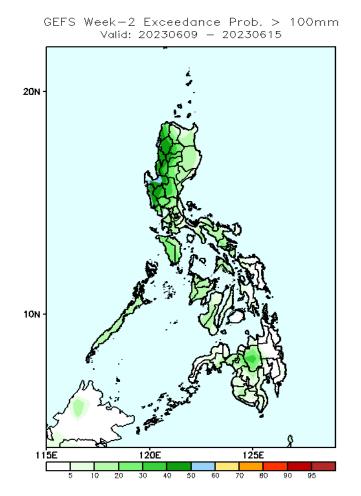




High to a very high probability to exceed 50mm of rainfall in the llocos region, CAR, Central Luzon, Bukidnon, Cotabato and Lanao del Sur while low to 19 moderate chance over the rest of the country.

## Exceedance Probability > 100/150/200 mm

## Week 2: June 09 - 15, 2023

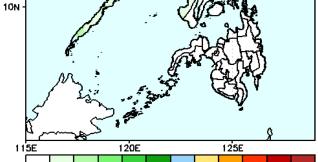


Moderate probability to exceed 100mm of rainfall over the western section of Central and Northern Luzon while low to moderate chance DOST for the rest of the country. The Weather and Climate Authority

GEFS Week-2 Exceedance Prob. > 150mm

Valid: 20230609 - 20230615

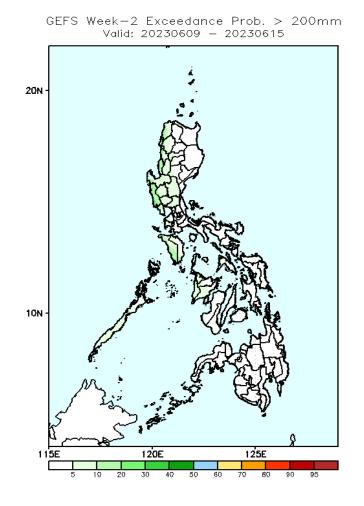
20N



30 40 50 60 70 80

Low probability to exceed 150mm of rainfall over the rest of the country.

Very high probability **High Probability** Moderate Probability Low Probability 



Low probability to exceed 200mm of rainfall over the rest of the country.

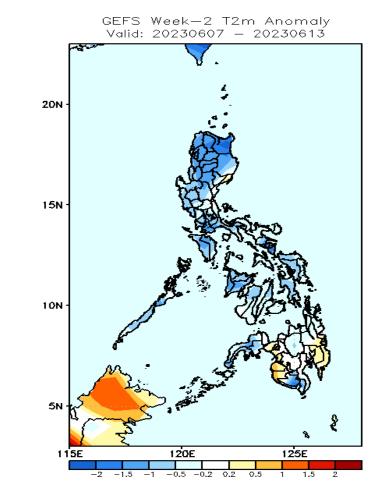


## GEFS Week-1 & 2 Forecasts: T2m Anomaly

GEFS Week-1 T2m Anomaly Valid: 20230531 - 20230606 20N 15N 10N 5N 120E 115E 125E -0.5 -0.20.2 1.5

#### 2m Temperature Week 1: June 02 - 08, 2023

Cooler than average surface air temperature will likely experience in most parts of Luzon, Western Visayas and Cebu while slightly warmer to warmer than average temperature will be likely in Isabela, Nueva Vizcaya and the rest of Visayas and Mindanao.



#### 2m Temperature Week 2: June 09 - 15, 2023

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

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