



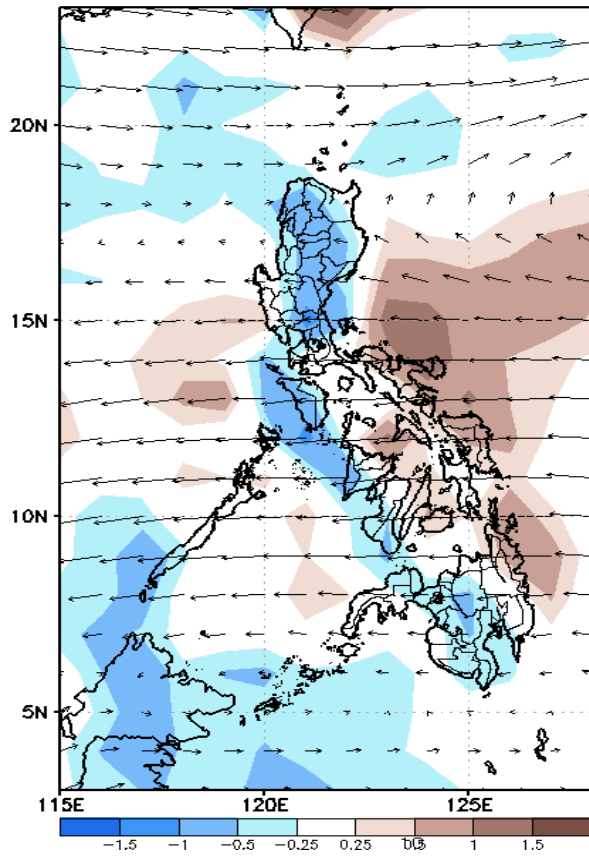
# Week 1 & Week 2 Forecast for the Philippines using GEFS Model



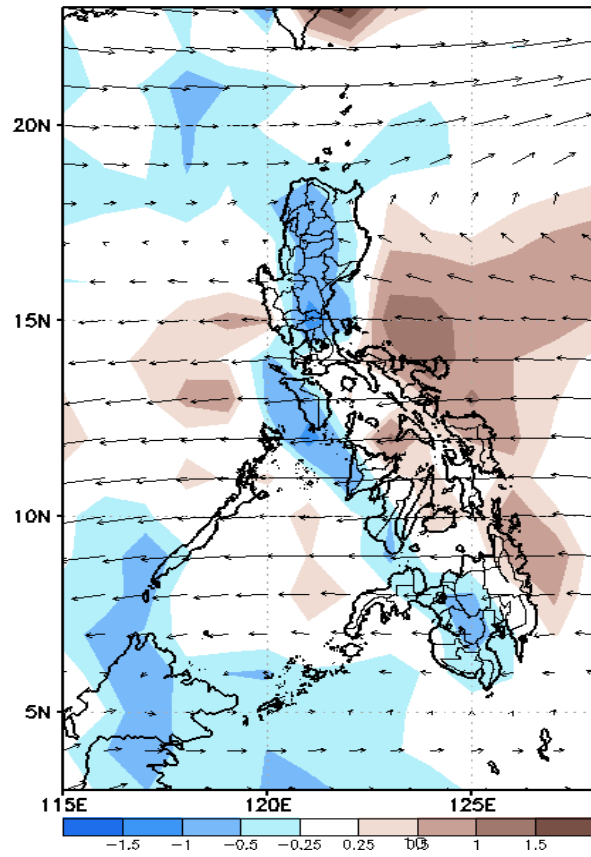
# GEFS Week-1 Forecasts: Wind Anomaly Forecast

Week 1: Jan 23-29, 2023

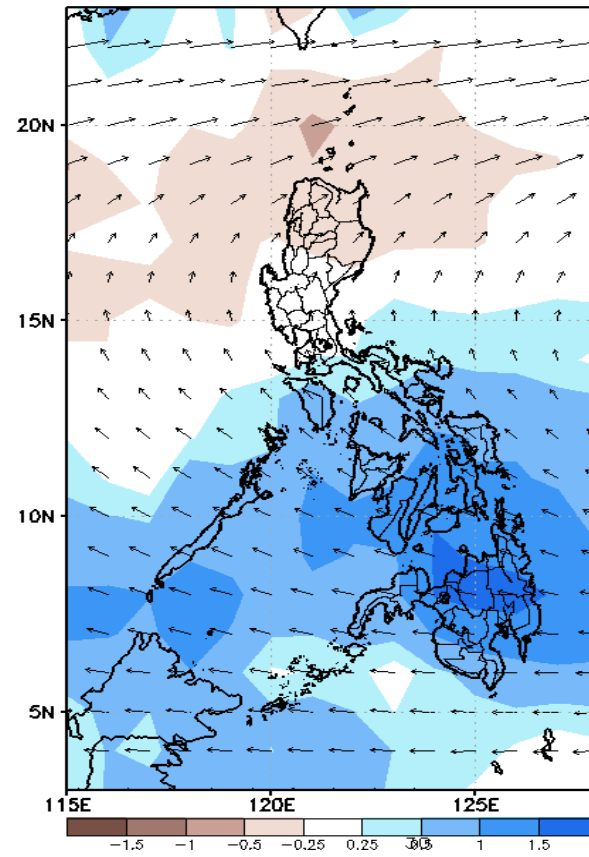
GEFS Week-1 850-hPa Divergence and Wind Anom  
Valid: 20230123 - 20230129



GEFS Week-1 700-hPa Divergence and Wind Anom  
Valid: 20230123 - 20230129



GEFS Week-1 200-hPa Divergence and Wind Anom  
Valid: 20230123 - 20230129

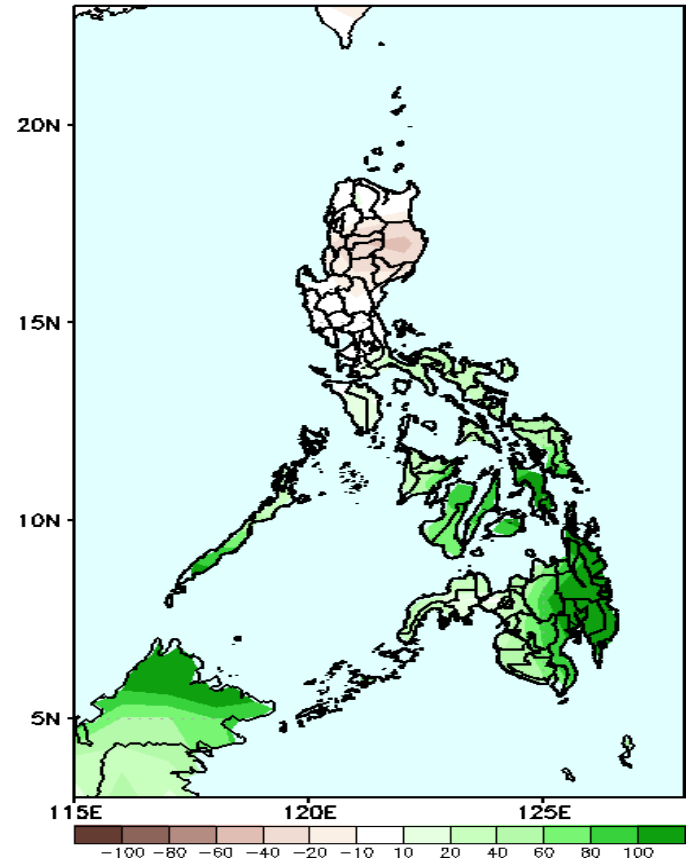


Northeast Monsoon is forecasted to affect most parts of Luzon while Easterlies will likely affect Visayas and Mindanao during the forecast period.

# Precipitation Anomaly and Exceedance Probability > 25/50 mm

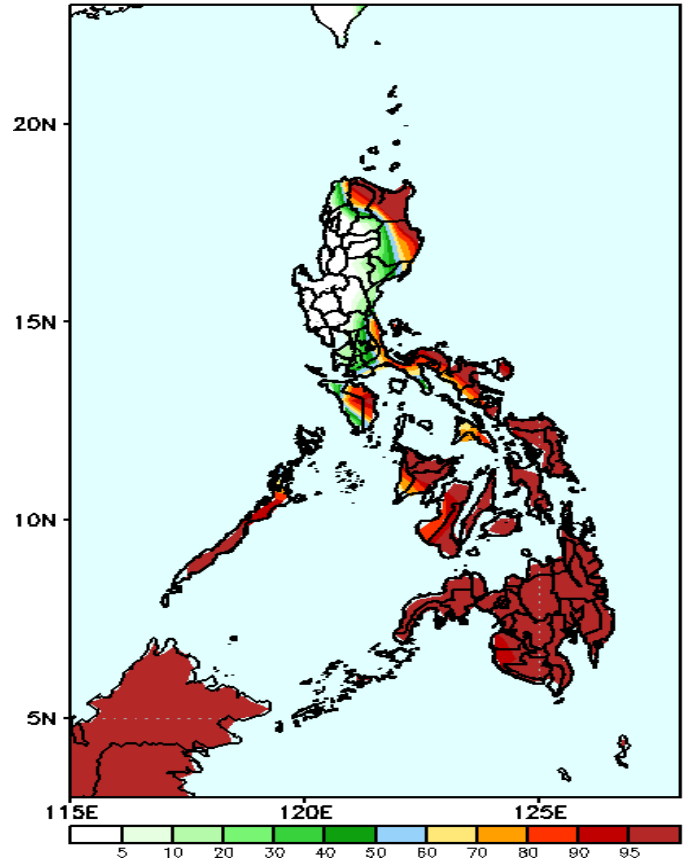
## Week 1: Jan 23-29, 2023

GEFS Week-1 Precip Anomaly  
Valid: 20230123 - 20230129



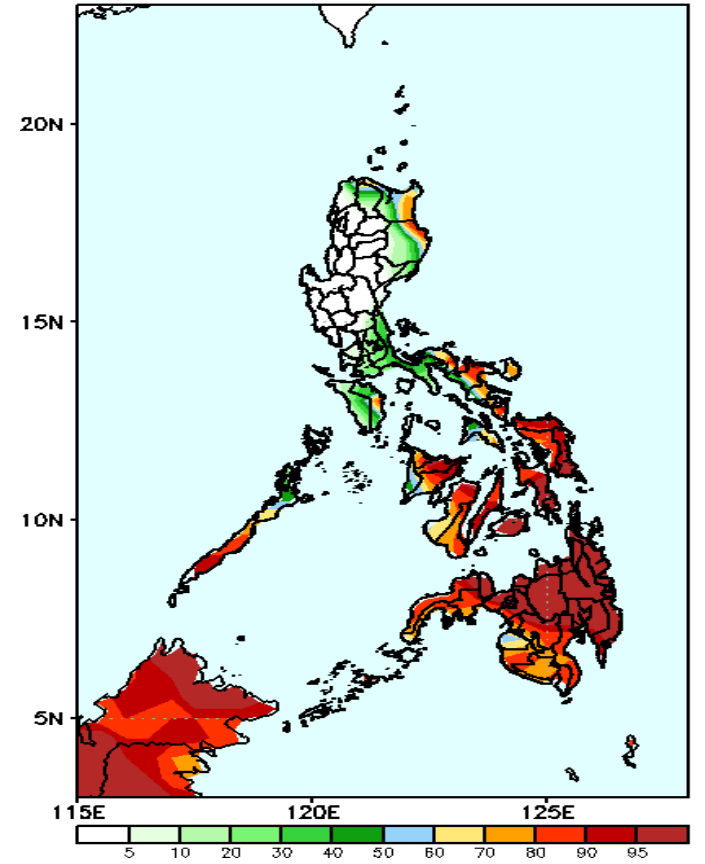
Increase of rainfall of more than 100mm in Leyte provinces and most parts of Mindanao, 40 - 100mm in southern Luzon, Bicol Region, most of Visayas and Zamboanga Peninsula while 20-40mm rainfall deficit in Isabela and CAR during the forecast period.

GEFS Week-1 Exceedance Prob. > 25mm  
Valid: 20230123 - 20230129



Very high probability of rainfall to exceed 25mm in most parts of eastern Luzon, Bicol Region, MIMAROPA and most parts of Visayas and Mindanao while less likely for the rest of Luzon during the forecast period.

GEFS Week-1 Exceedance Prob. > 50mm  
Valid: 20230123 - 20230129

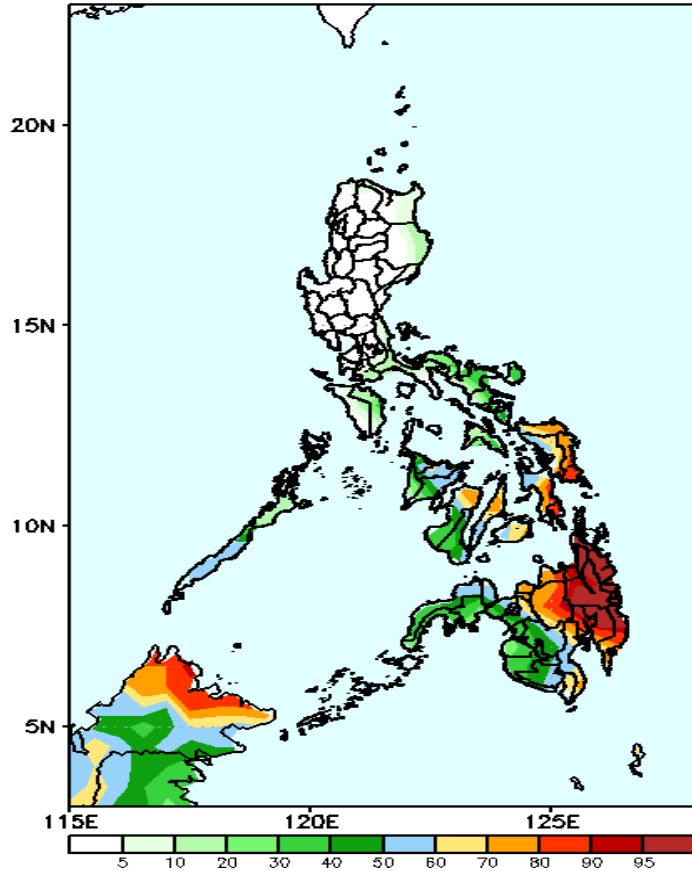


Very high probability of rainfall to exceed 50mm in eastern section of Luzon and Isabela, Bicol Region, Palawan and most parts of Visayas and Mindanao while less likely for the rest of Luzon during the forecast period.

# Exceedance Probability > 100/150/200 mm

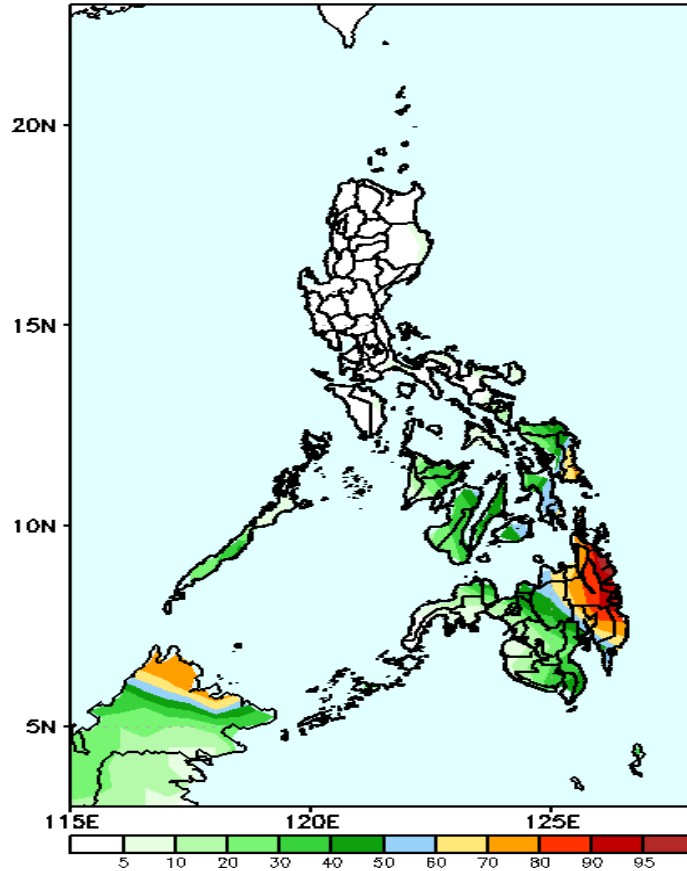
Week 1: Jan 23-29, 2023

GEFS Week-1 Exceedance Prob. > 100mm  
Valid: 20230123 - 20230129



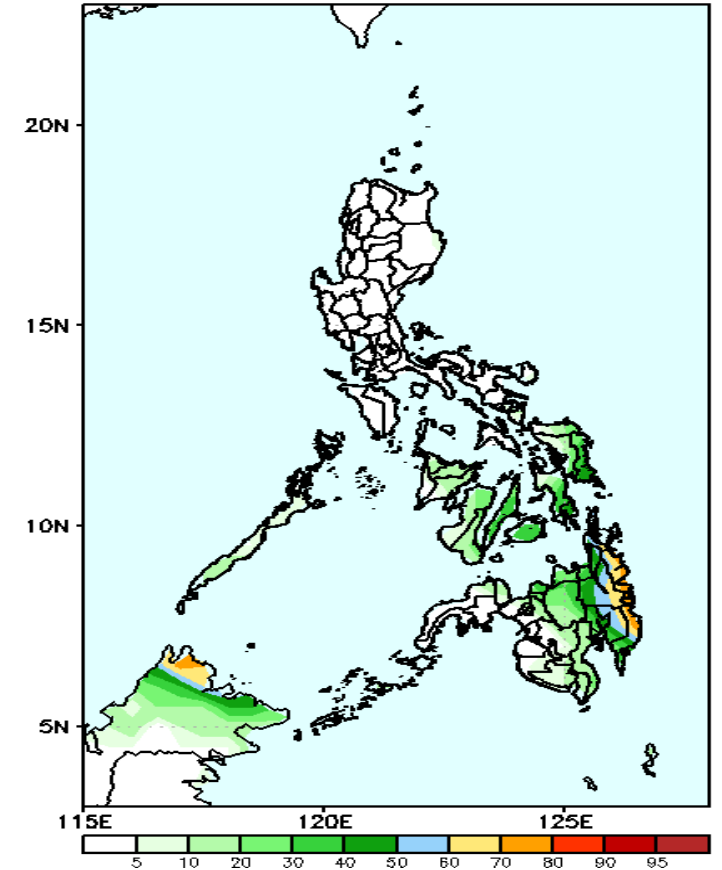
High probability of rainfall to exceed 100mm in Eastern and Central Visayas, Northern Mindanao, CARAGA and Davao region while less likely for the rest of the country during the forecast period

GEFS Week-1 Exceedance Prob. > 150mm  
Valid: 20230123 - 20230129



High probability of rainfall to exceed 150mm in CARAGA, Davao Oriental, Davao de Oro and some areas in Northern Mindanao while less likely for the rest of the country during the forecast period.

GEFS Week-1 Exceedance Prob. > 200mm  
Valid: 20230123 - 20230129

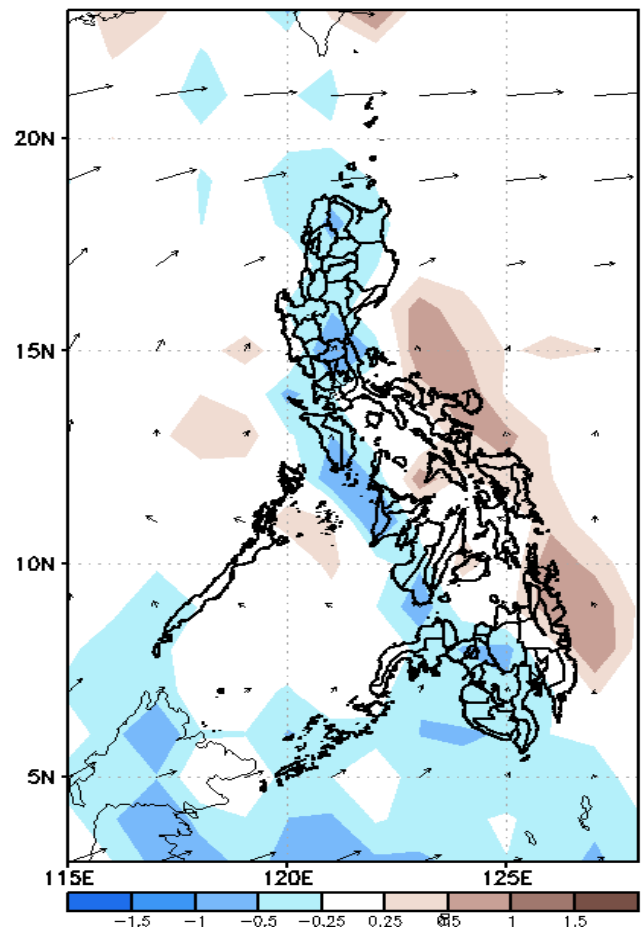


60 – 70% probability of rainfall to exceed 200mm in Surigao provinces and Davao Oriental and Davao de Oro while less likely for the rest of the country during the forecast period.

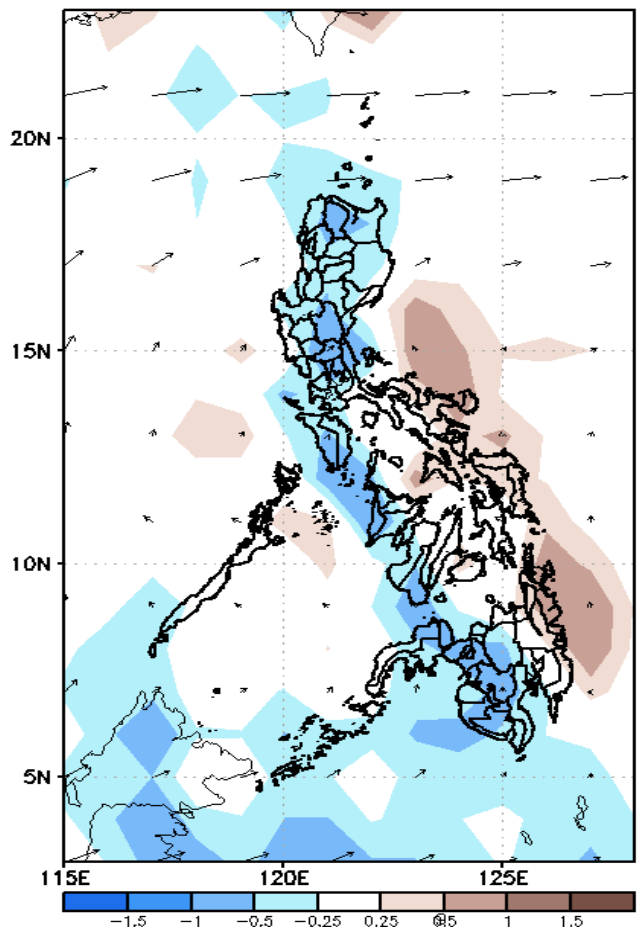
# GEFS Week-2 Forecasts: Wind Anomaly Forecast

Week 2: Jan 30 – Feb 05, 2023

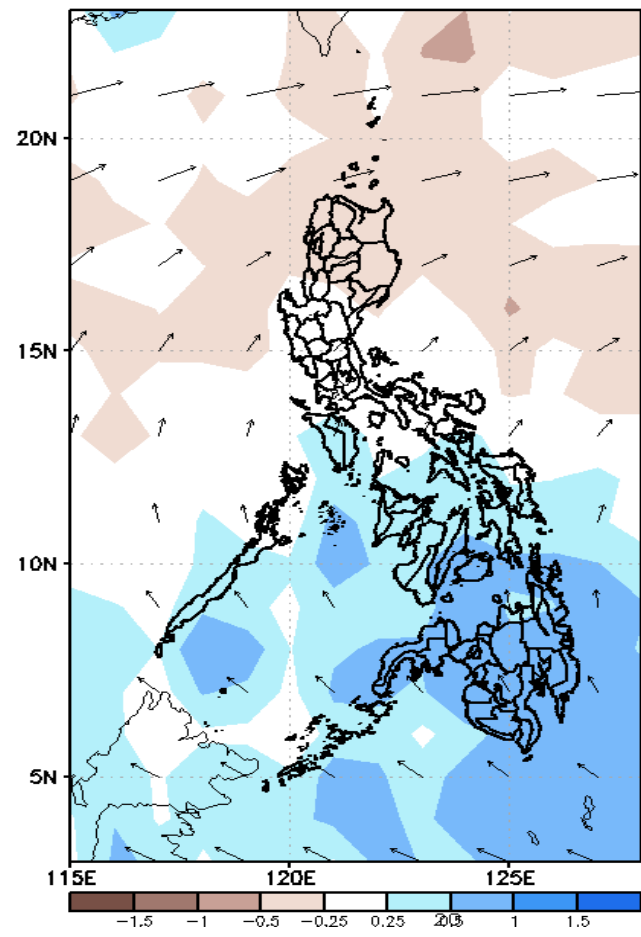
GEFS Week-2 850-hPa Divergence and Wind Anom  
Valid: 20230130 – 20230205



GEFS Week-2 700-hPa Divergence and Wind Anom  
Valid: 20230130 – 20230205



GEFS week-2 200-hPa Divergence and Wind Anom  
Valid: 20230130 – 20230205

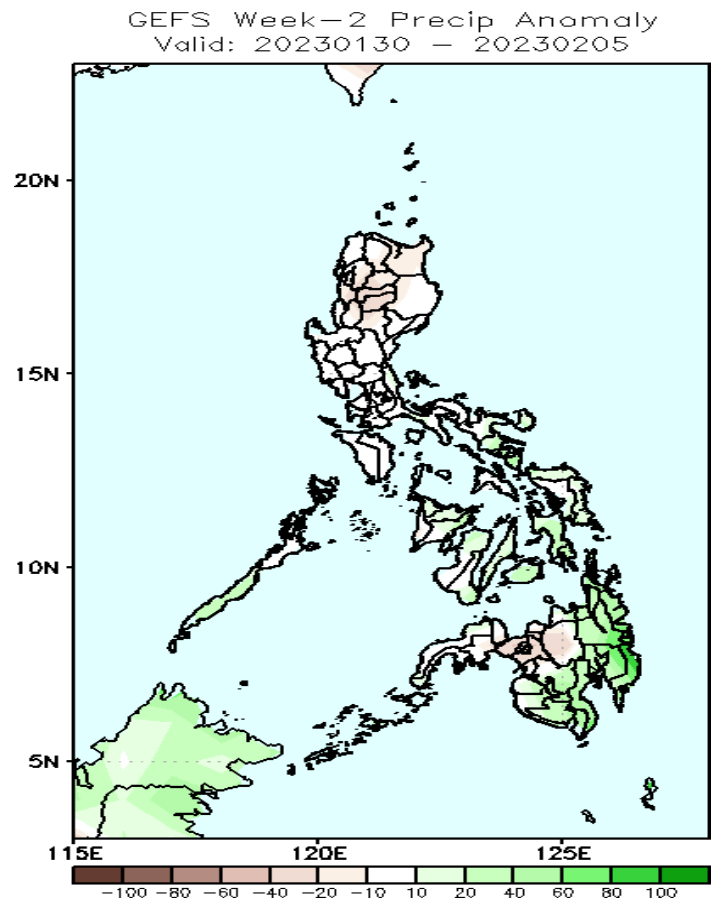


Northeast Monsoon is forecasted to affect most parts of Luzon and eastern Visayas while Easterlies is forecasted to affect Mindanao during the forecast period.

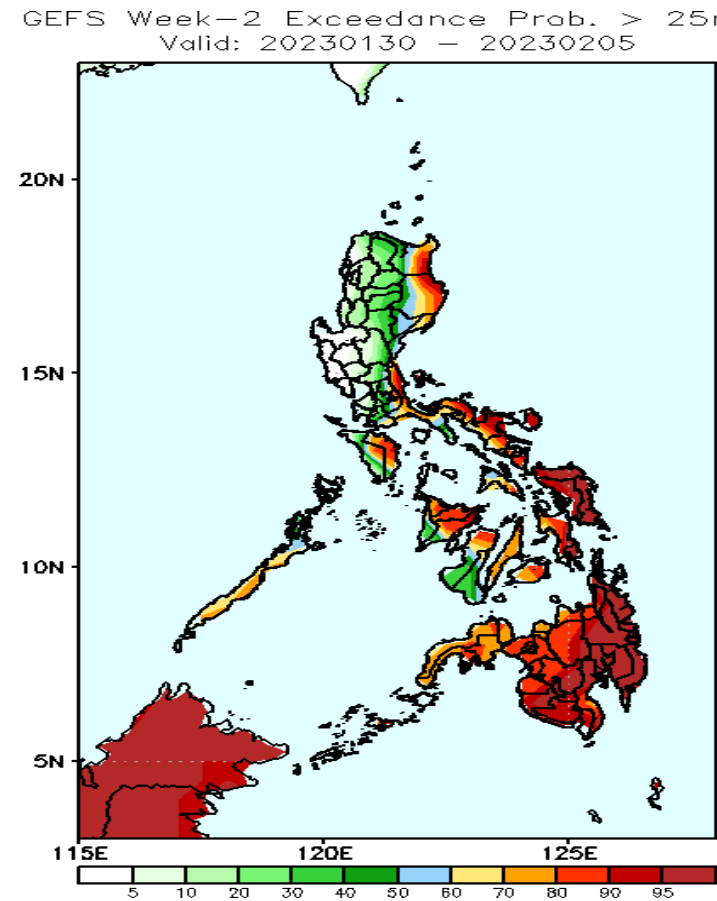


# Precipitation Anomaly and Exceedance Probability > 25/50 mm

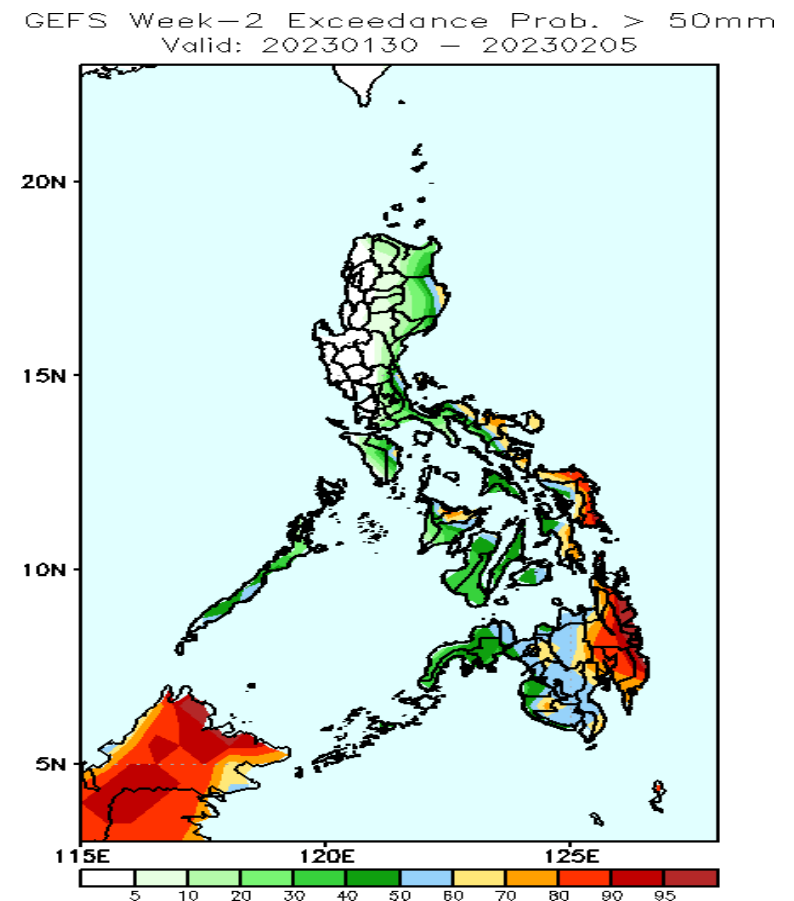
Week 2: Jan 30 – Feb 05, 2023



Increase of rainfall of 40 – 90mm is expected in Central Visayas, Leyte and eastern & southern parts of Mindanao while 10-30mm rainfall deficit in CAR, Bukidnon and Lanao provinces during the forecast period during the forecast period.



Very high probability of rainfall to exceed 25mm in most parts of eastern Luzon, Bicol region, MIMAROPA, most parts of Eastern and Western Visayas, Cebu, Bohol and most parts of Mindanao while less likely for the rest of Luzon during the forecast period.



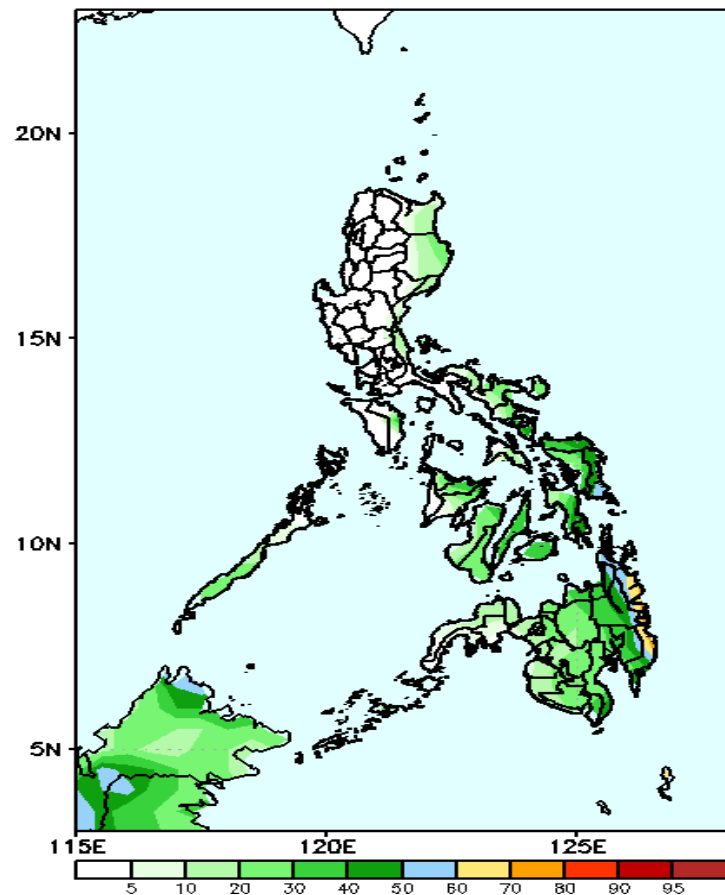
Very high probability of rainfall to exceed 50mm in the eastern section of Isabela, some parts of Bicol region, most of eastern Visayas, Capiz and most parts of Mindanao (except Zamboanga Peninsula and Maguindanao) while less likely for the rest of the country during the forecast period



# Exceedance Probability > 100/150/200 mm

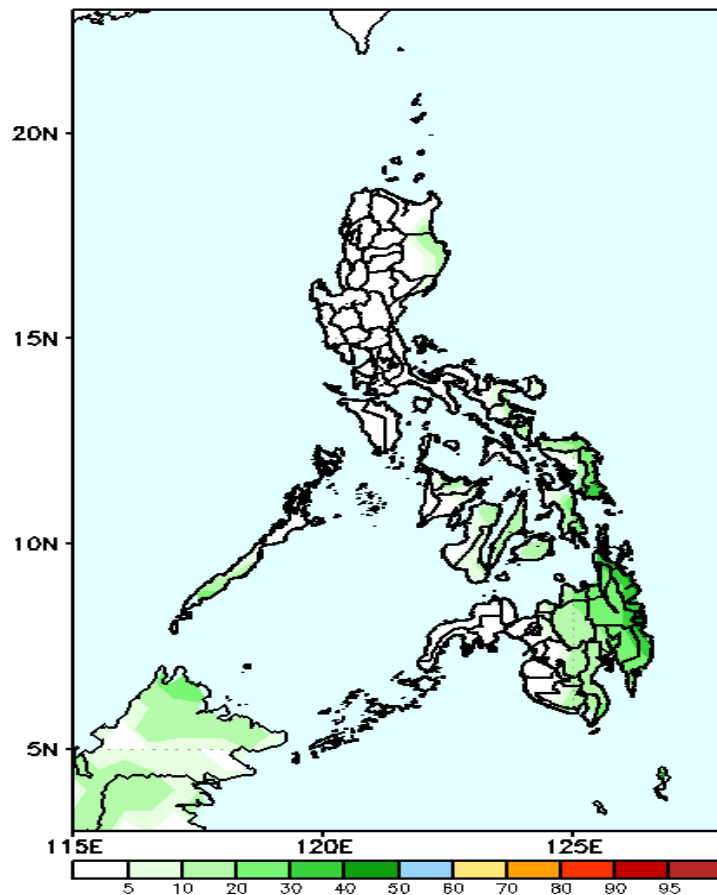
Week 2: Jan 30 – Feb 05, 2023

GEFS Week-2 Exceedance Prob. > 100mm  
Valid: 20230130 – 20230205



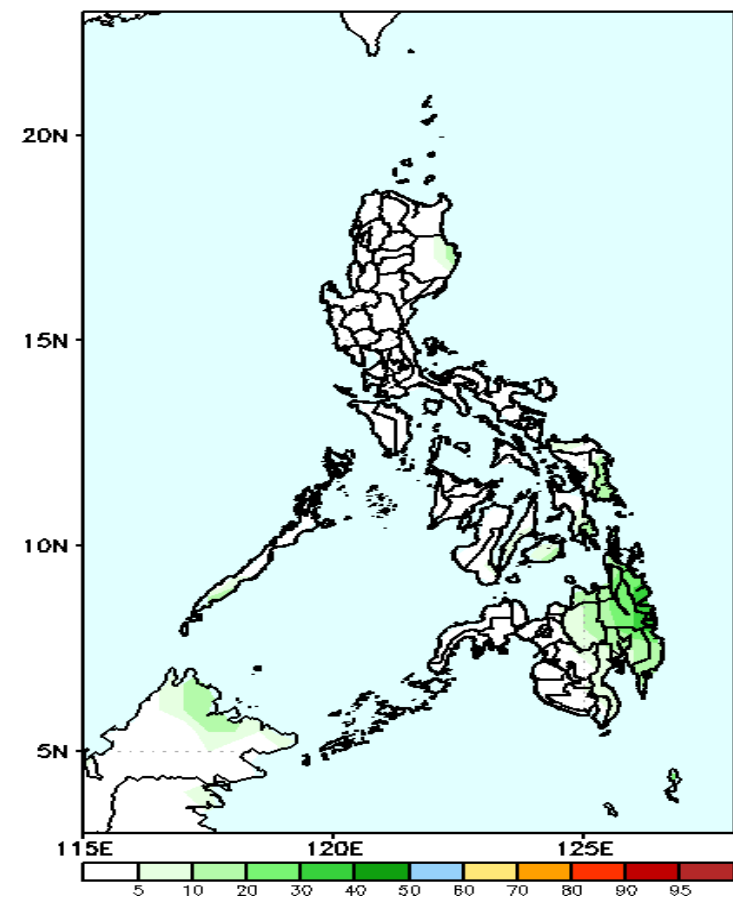
60 – 70% probability of rainfall to exceed 100mm in Surigao provinces and northern part of Davao Oriental while less likely for the rest of the country during the forecast period.

GEFS Week-2 Exceedance Prob. > 150mm  
Valid: 20230130 – 20230205



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

GEFS Week-2 Exceedance Prob. > 200mm  
Valid: 20230130 – 20230205

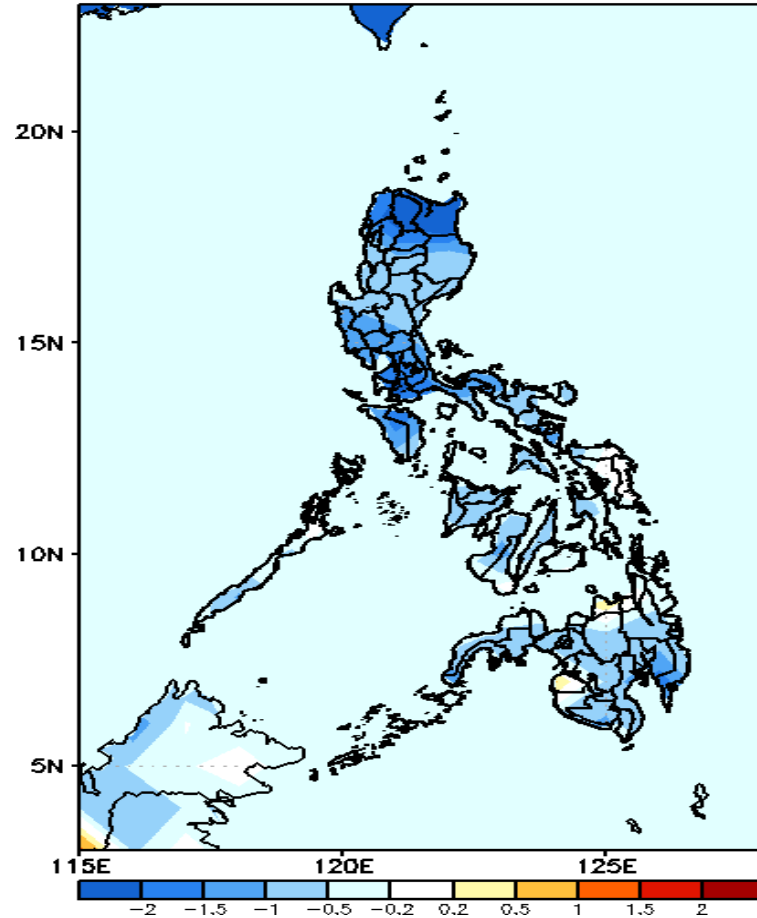


Low probability of rainfall to exceed 200mm in most parts of the country during the forecast period.



# GEFS Week-1 & 2 Forecasts: T2m Anomaly

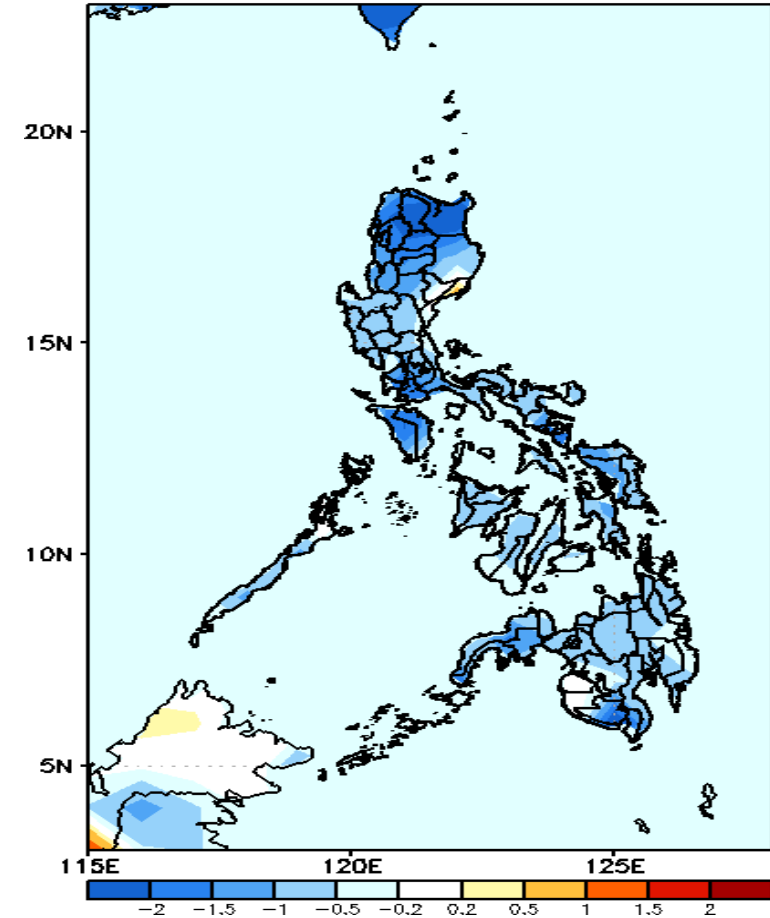
GEFS Week-1 T2m Anomaly  
Valid: 20230123 - 20230129



## 2m Temperature Week 1: Jan 23-29, 2023

Average to cooler than average surface air temperature will likely experience in most parts of the country during the forecast period.

GEFS Week-2 T2m Anomaly  
Valid: 20230130 - 20230205



## 2m Temperature Week 2: Jan 30 - Feb 05, 2023

Average to cooler than average surface air temperature will likely experience in most parts of the country during the forecast period.

