



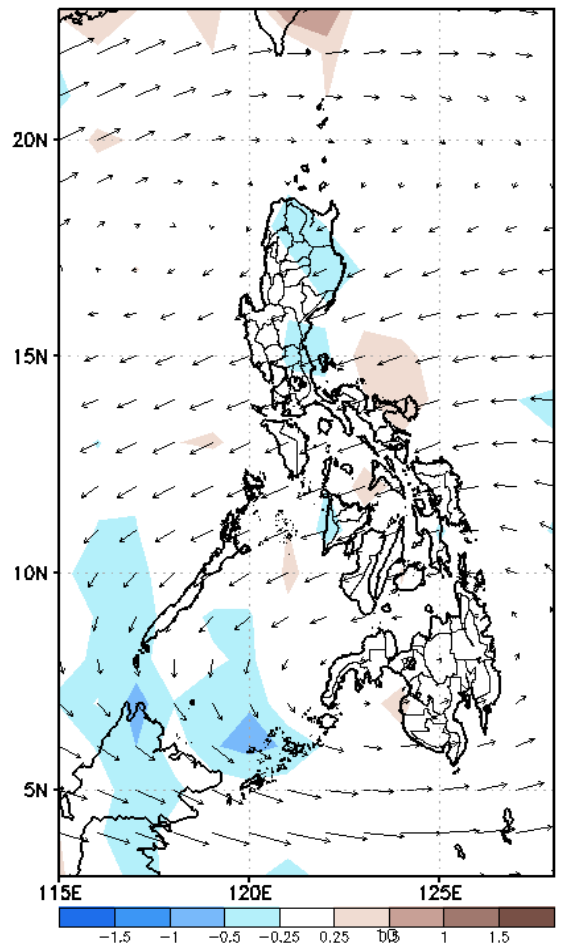
Week 1 & Week 2 Forecast for the Philippines using GEFS Model



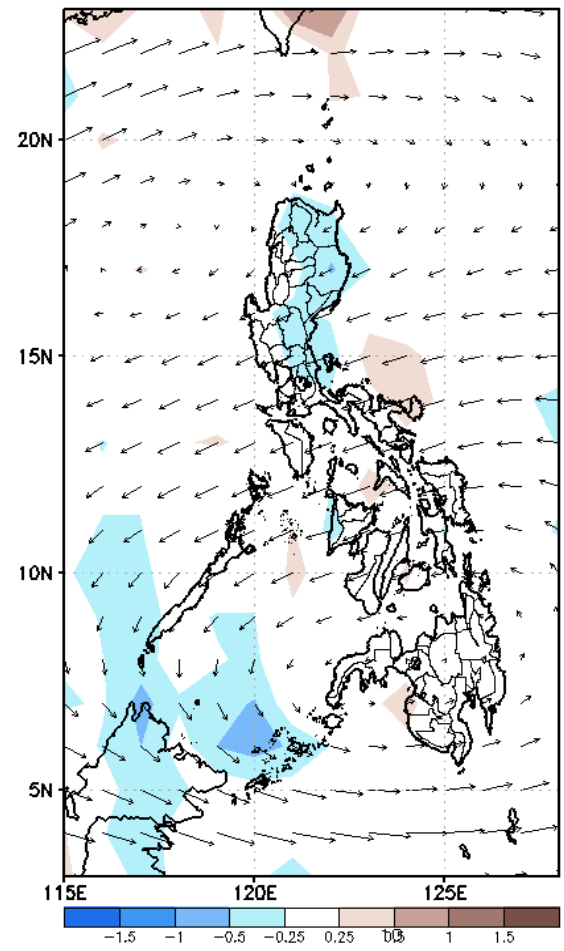
GEFS Week-1 Forecasts: Wind Anomaly Forecast

Week 1: Jan 09-15, 2023

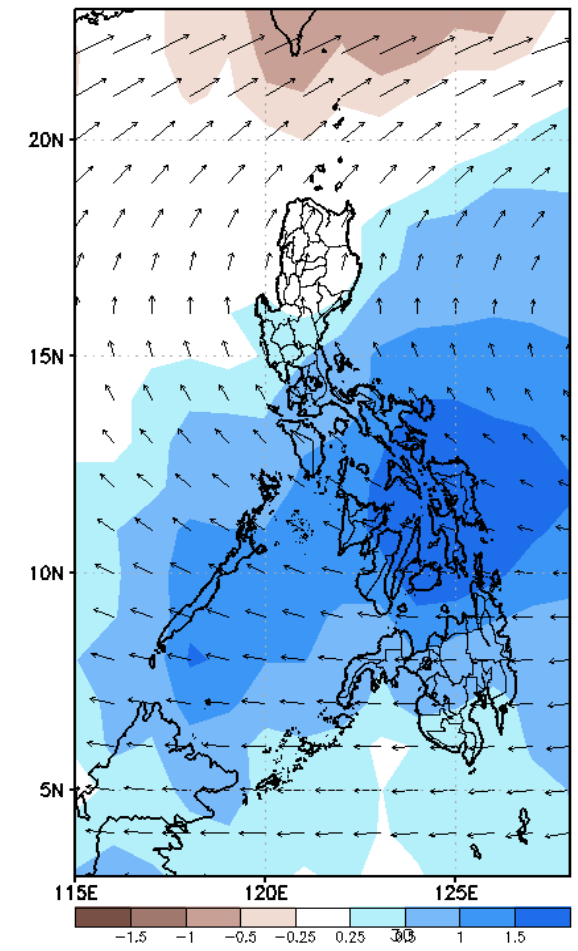
GEFS Week-1 850-hPa Divergence and Wind Anomaly
Valid: 20230109 - 20230115



GEFS Week-1 700-hPa Divergence and Wind Anomaly
Valid: 20230109 - 20230115



GEFS Week-1 200-hPa Divergence and Wind Anomaly
Valid: 20230109 - 20230115

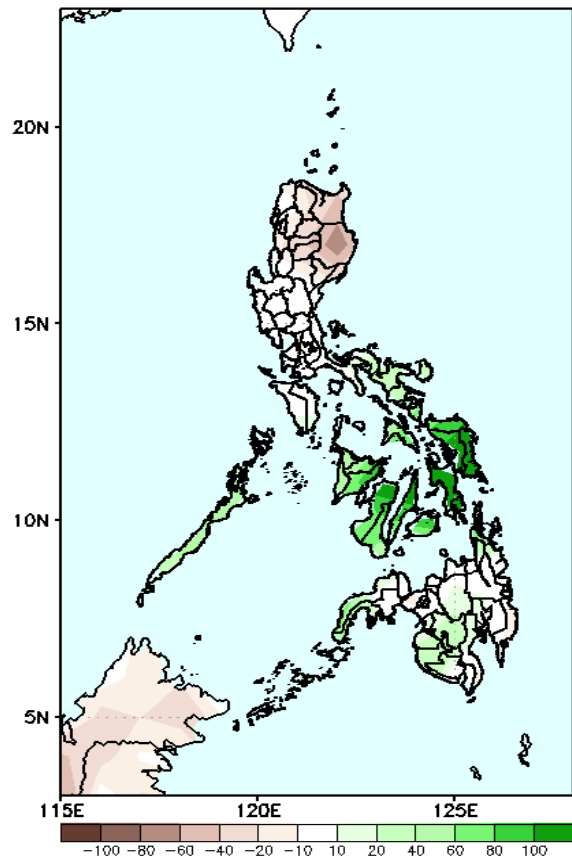


Northeast Monsoon affecting most parts of Luzon; Easterlies affecting Visayas and Mindanao during the forecast period.

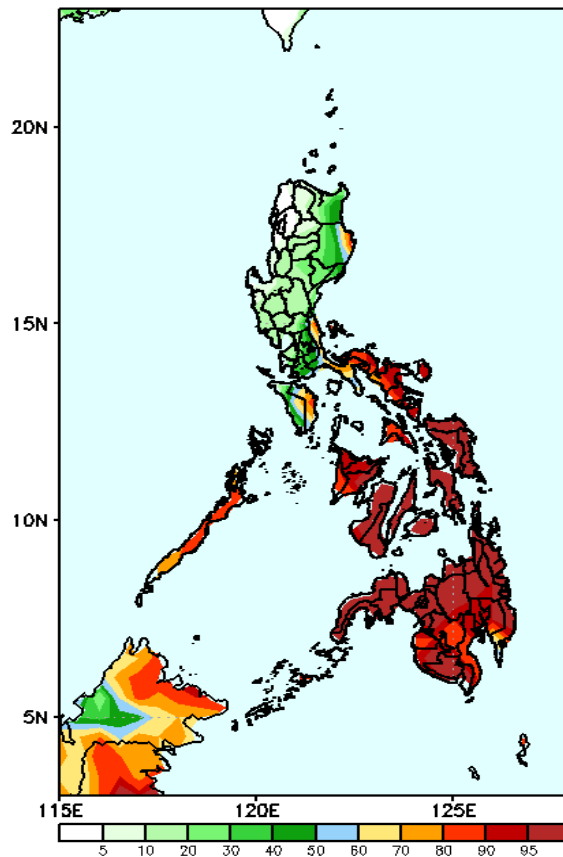
Precipitation Anomaly and Exceedance Probability > 25/50 mm

Week 1: Jan 09-15, 2023

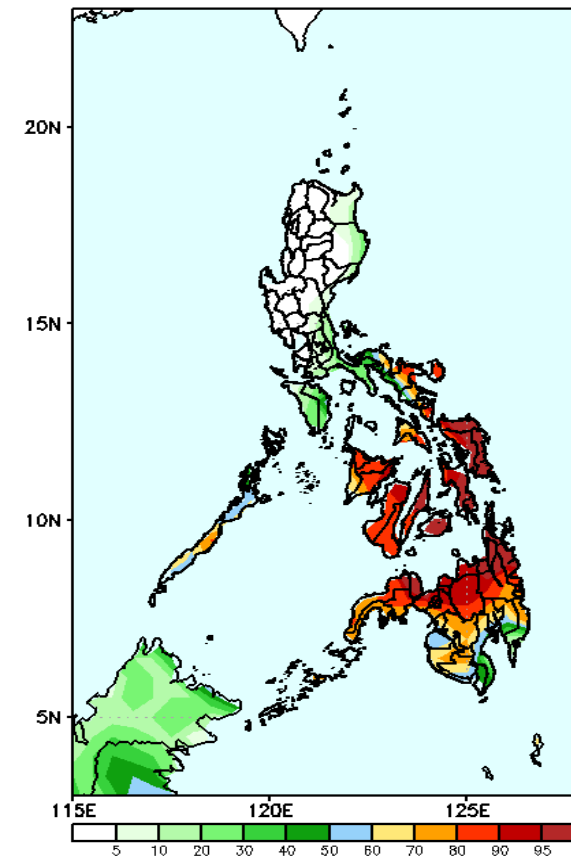
GEFS Week-1 Precip Anomaly
Valid: 20230109 - 20230115



GEFS Week-1 Exceedance Prob. > 25mm
Valid: 20230109 - 20230115



GEFS Week-1 Exceedance Prob. > 50mm
Valid: 20230109 - 20230115



Increase of rainfall of more than 100mm is expected in most parts of Visayas, 40-60mm in Bicol Region, Palawan, Zamboanga del Norte, southwestern Mindanao while 40-80mm rainfall deficit in Cagayan, Isabela, and some areas in CAR during the forecast period.

High probability of rainfall to exceed 25mm in eastern Isabela, Quezon, Palawan, Mindoro, Bicol Region and most parts of Visayas and Mindanao while less likely for the rest of Luzon during the forecast period.

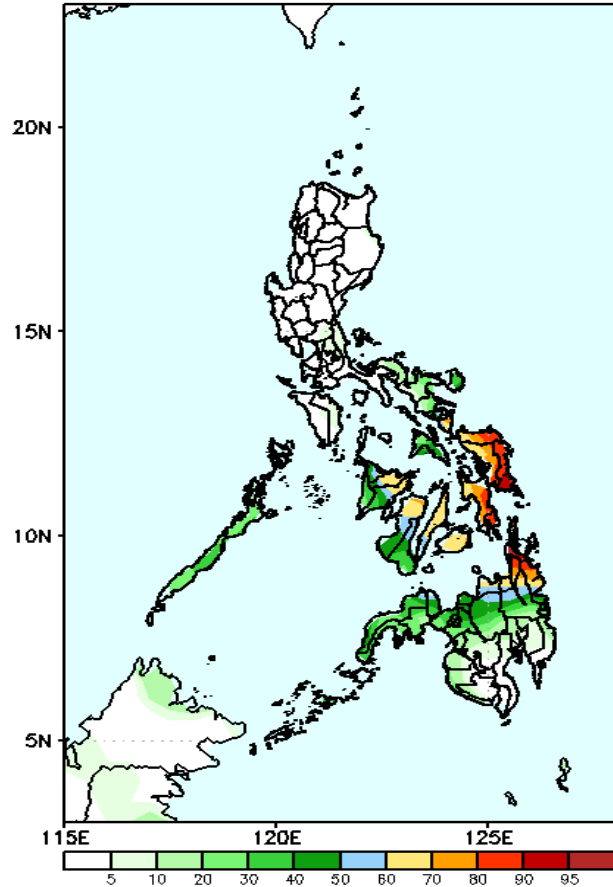
High probability of rainfall to exceed 50mm in Bicol Region, Palawan and most parts of Visayas and Mindanao while less likely for the rest of Luzon during the forecast period.



Exceedance Probability > 100/150/200 mm

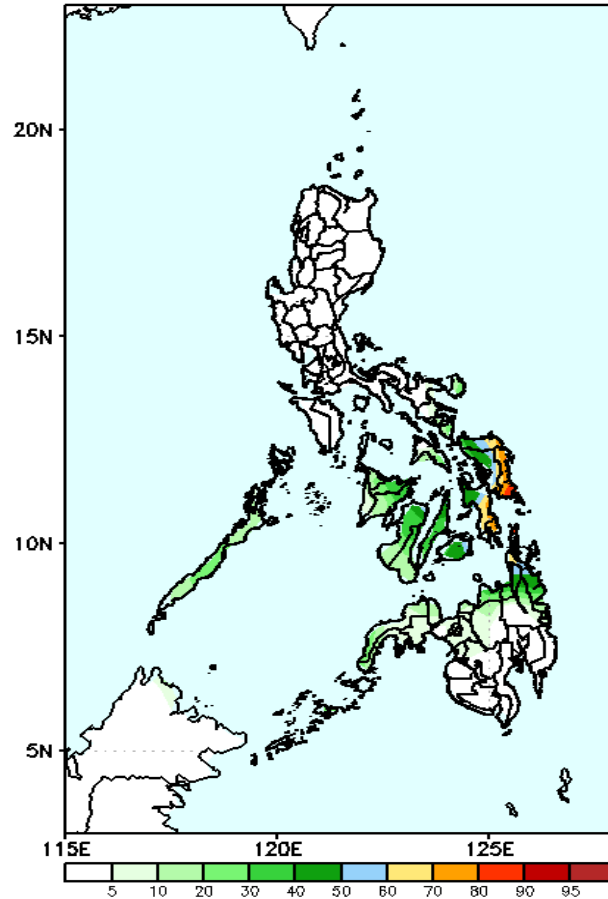
Week 1: Jan 09-15, 2023

GEFS Week-1 Exceedance Prob. > 100mm
Valid: 20230109 - 20230115



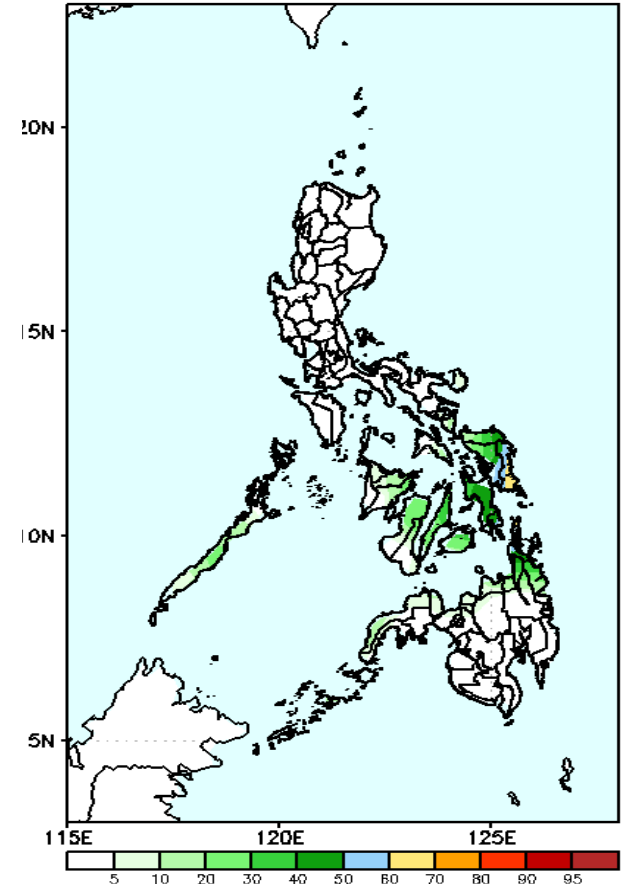
High probability of rainfall to exceed 100mm in most parts of Eastern and Central Visayas, Capiz, northern part of Negros Island, Agusan del Norte, Surigao del Norte & Sur while less likely for the rest of the country during the forecast period.

GEFS Week-1 Exceedance Prob. > 150mm
Valid: 20230109 - 20230115



70-90% probability of rainfall to exceed 150mm in most parts of Eastern & Northern Samar, Southern Leyte and Surigao del Norte while less likely for the rest of the country during the forecast period.

GEFS Week-1 Exceedance Prob. > 200mm
Valid: 20230109 - 20230115

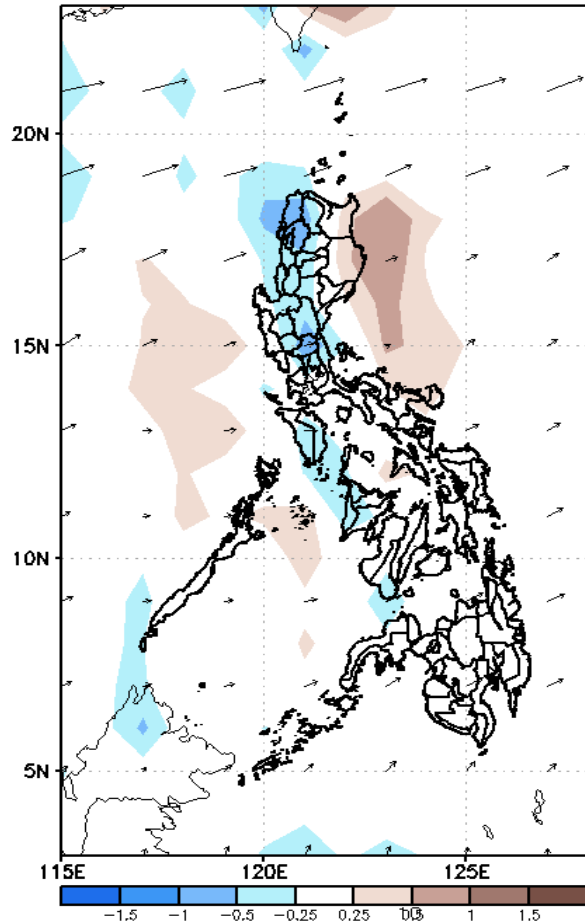


Low probability of rainfall to exceed 200mm in most parts of the country during the forecast period.

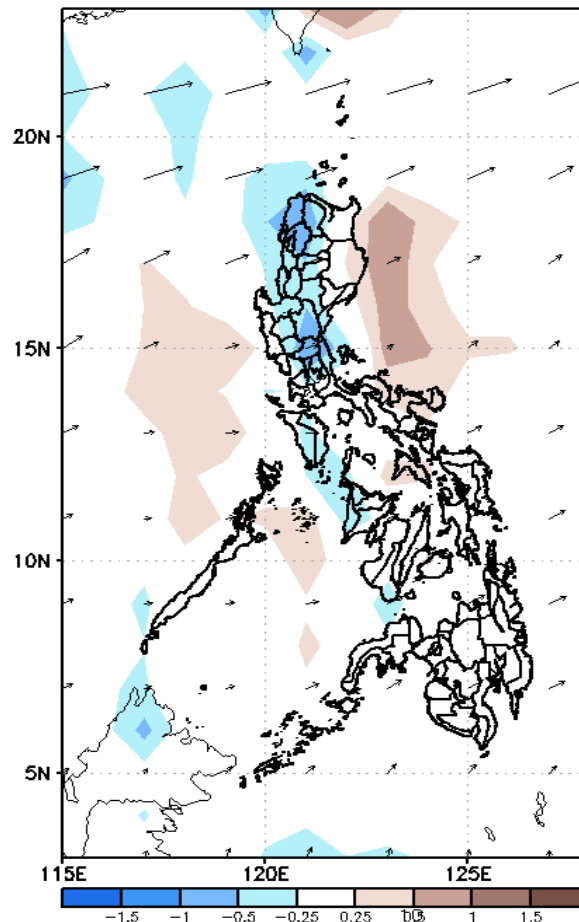
GEFS Week-2 Forecasts: Wind Anomaly Forecast

Week 2: Jan 16-22, 2023

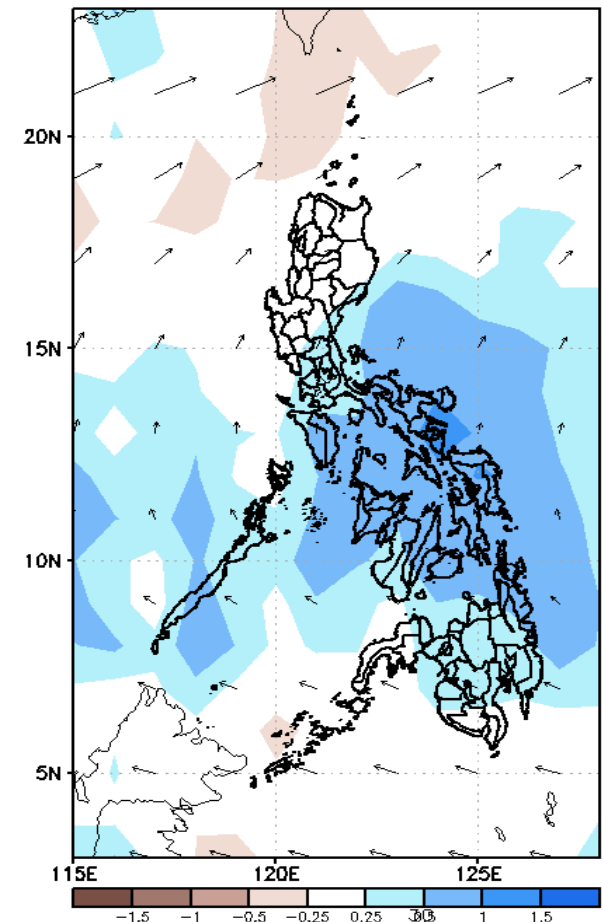
GEFS Week-2 850-hPa Divergence and Wind Anomaly
Valid: 20230116 - 20230122



GEFS Week-2 700-hPa Divergence and Wind Anomaly
Valid: 20230116 - 20230122



GEFS week-2 200-hPa Divergence and Wind Anomaly
Valid: 20230116 - 20230122



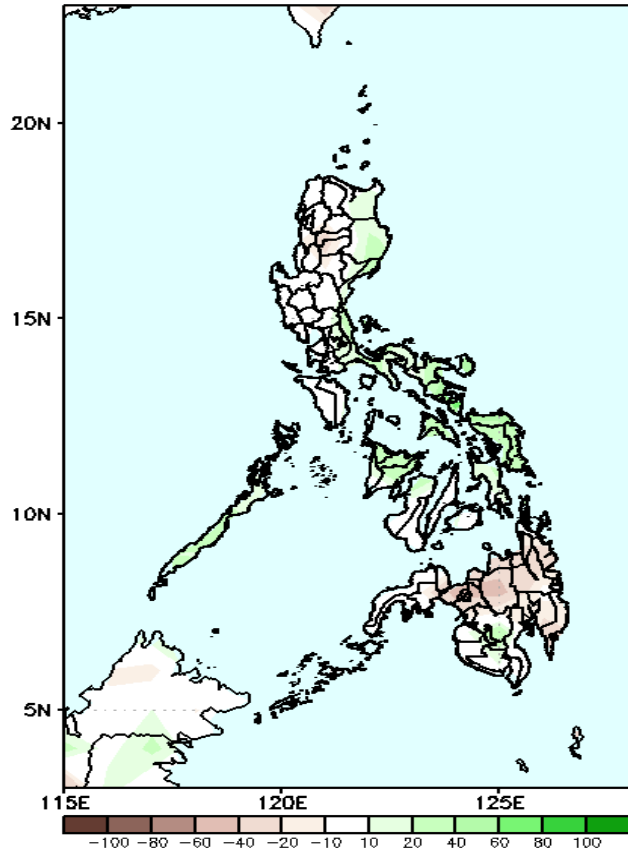
Northeast Monsoon is forecasted to affect Northern and Central Luzon; Easterlies the rest of the country during the forecast period.



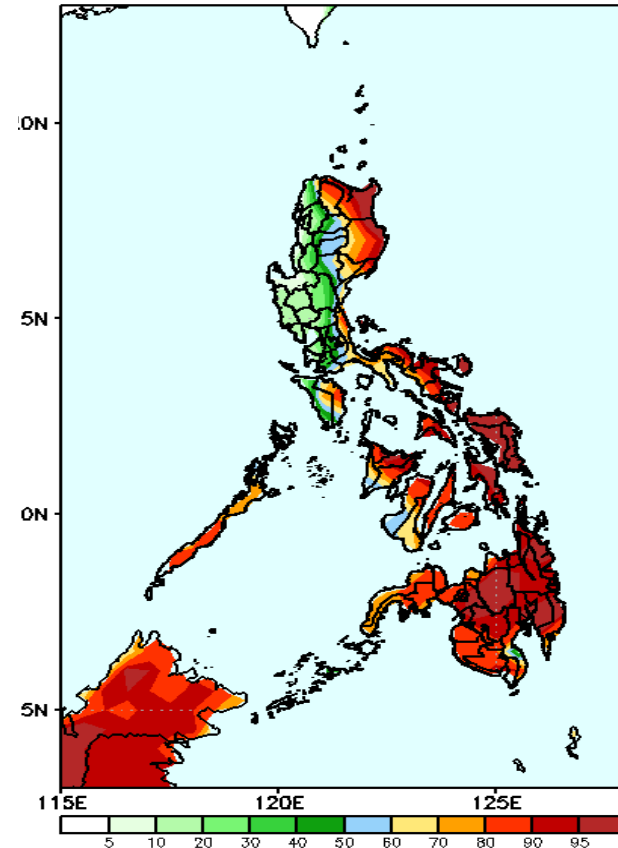
Precipitation Anomaly and Exceedance Probability > 25/50 mm

Week 2: Jan 16-22, 2023

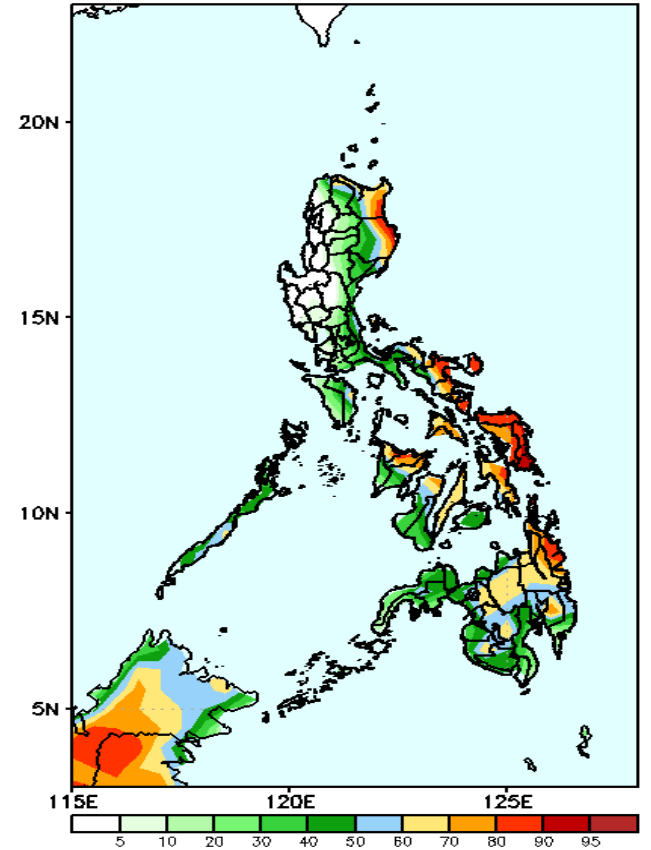
GEFS Week-2 Precip Anomaly
Valid: 20230116 - 20230122



GEFS Week-2 Exceedance Prob. > 25mm
Valid: 20230116 - 20230122



GEFS Week-2 Exceedance Prob. > 50mm
Valid: 20230116 - 20230122



Increase of rainfall of 40-70mm is expected in Cagayan, Isabela, Bicol Region, Eastern Visayas and Panay island while 20-60mm rainfall deficit in most parts of northern and eastern Mindanao during the forecast period.

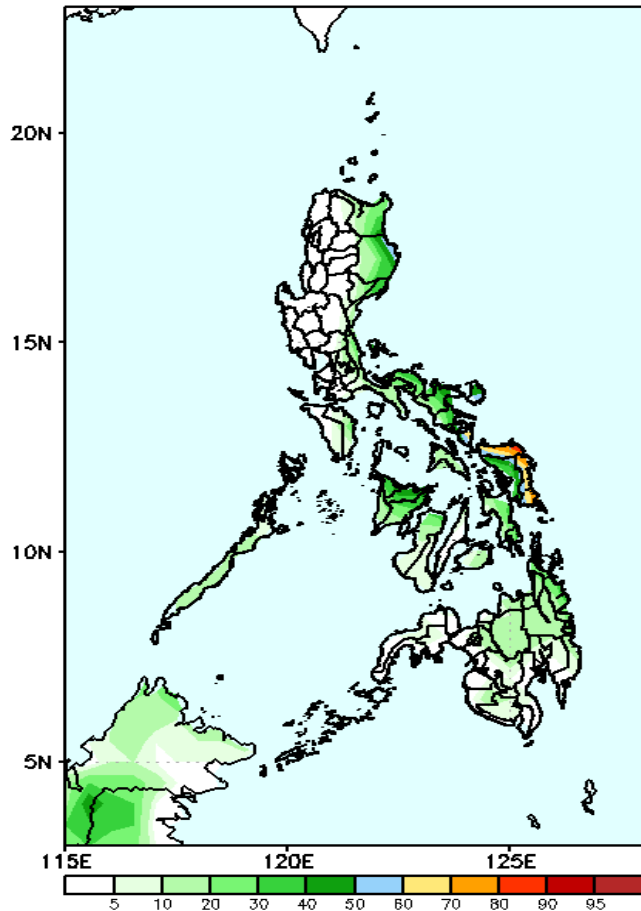
High probability of rainfall to exceed 25mm in most parts of the country except Ilocos Region, most part of CAR & Central Luzon and CALABAR during the forecast period.

High probability of rainfall to exceed 50mm in the eastern sections of Cagayan and Isabela, most parts of Bicol Region, Eastern Visayas, Cebu, Aklan, Capiz and most parts of eastern and central Mindanao while less likely for the rest of the country during the forecast period

Exceedance Probability > 100/150/200 mm

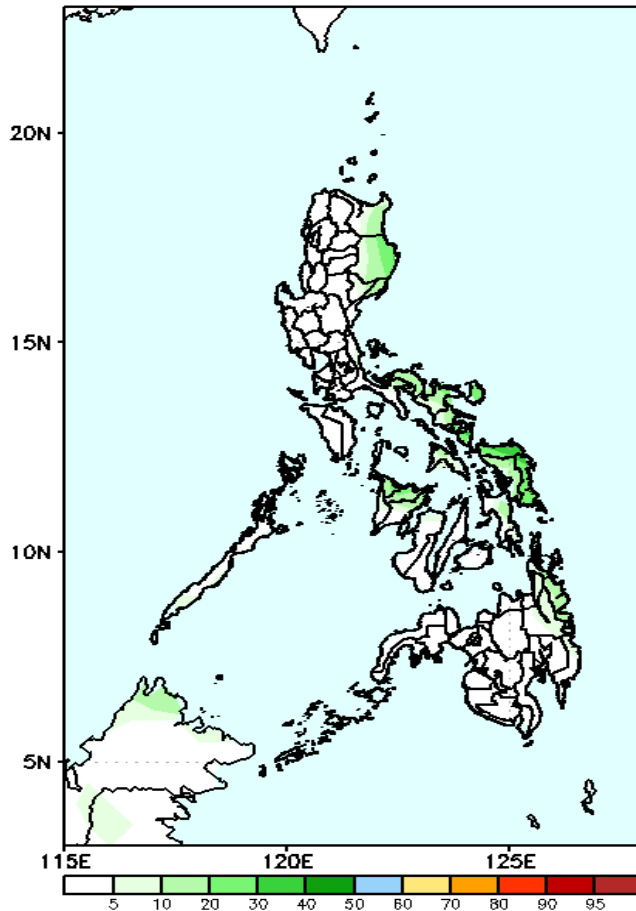
Week 2: Jan 16-22, 2023

GEFS Week-2 Exceedance Prob. > 100mm
Valid: 20230116 - 20230122



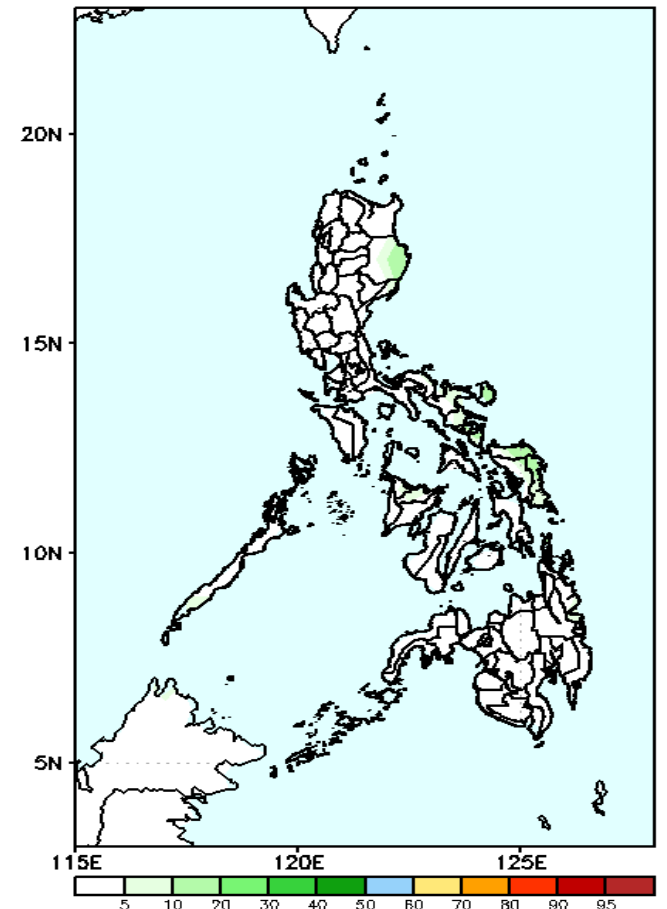
Low probability of rainfall to exceed 100mm in most parts of the country except in Eastern & Northern Samar where there is 70-90% chance during the forecast period.

GEFS Week-2 Exceedance Prob. > 150mm
Valid: 20230116 - 20230122



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

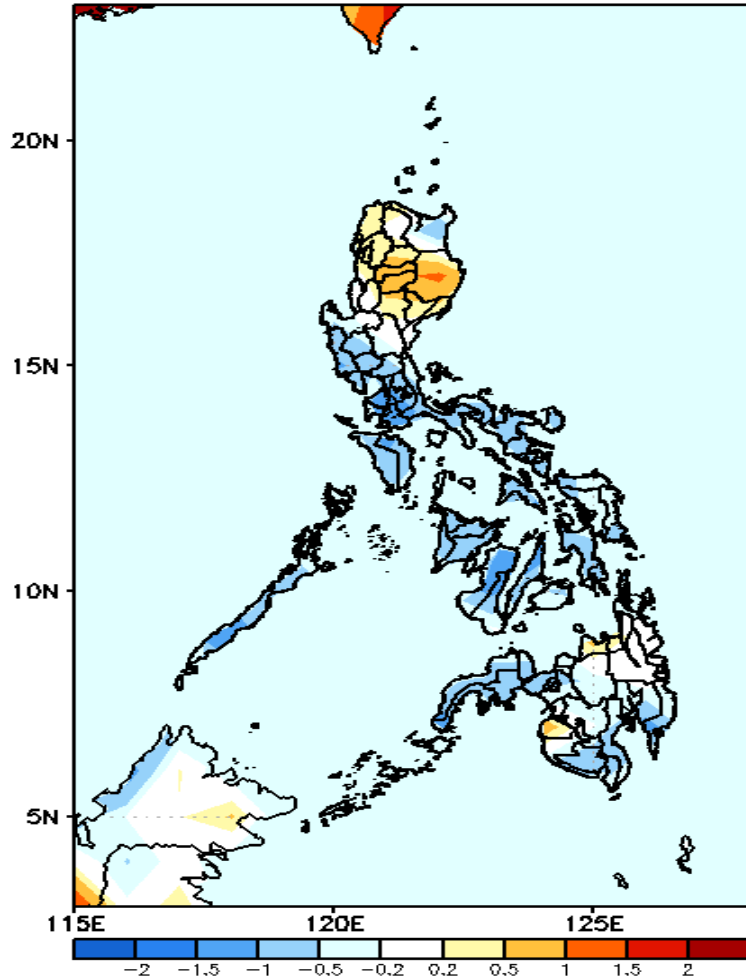
GEFS Week-2 Exceedance Prob. > 200mm
Valid: 20230116 - 20230122



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

GEFS Week-1 & 2 Forecasts: T2m Anomaly

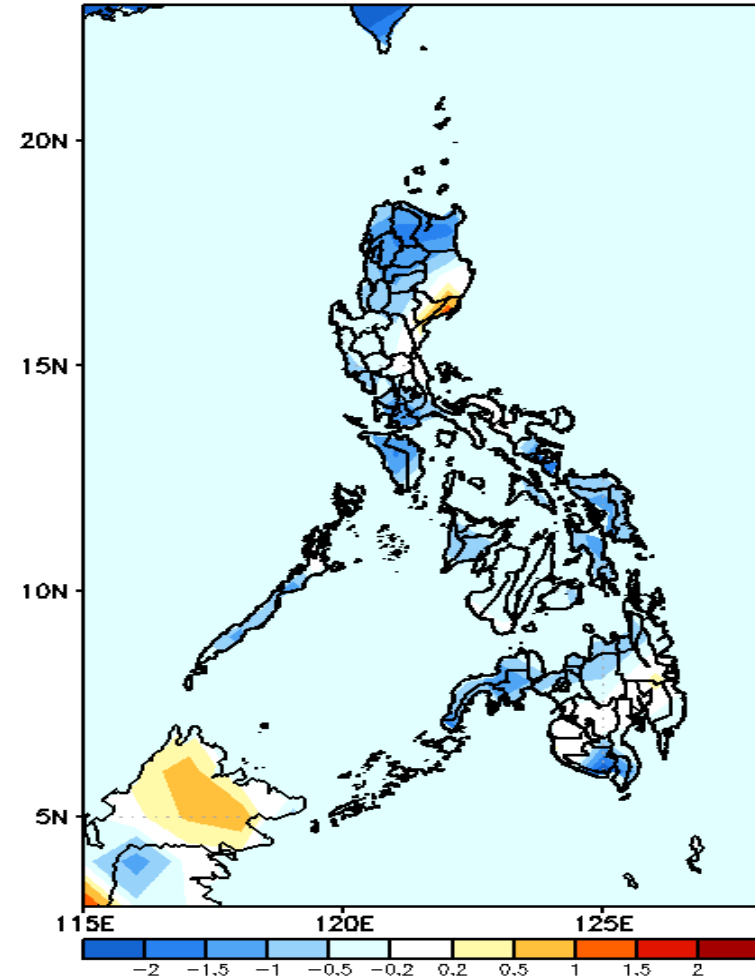
GEFS Week-1 T2m Anomaly
Valid: 20230109 - 20230115



2m Temperature Week 1: Jan 09-15, 2023

Average to cooler than average surface air temperature will likely experience in most parts of the country except in most of northern Luzon Misamis Oriental and Maguindanao where slightly warmer to warmer temperature is expected during the forecast period.

GEFS Week-2 T2m Anomaly
Valid: 20230116 - 20230122



2m Temperature Week 2: Jan 16-22, 2023

Average to cooler than average surface air temperature will likely experience in most parts of the country except in Aurora where slightly warmer to warmer temperature is expected during the forecast period.