



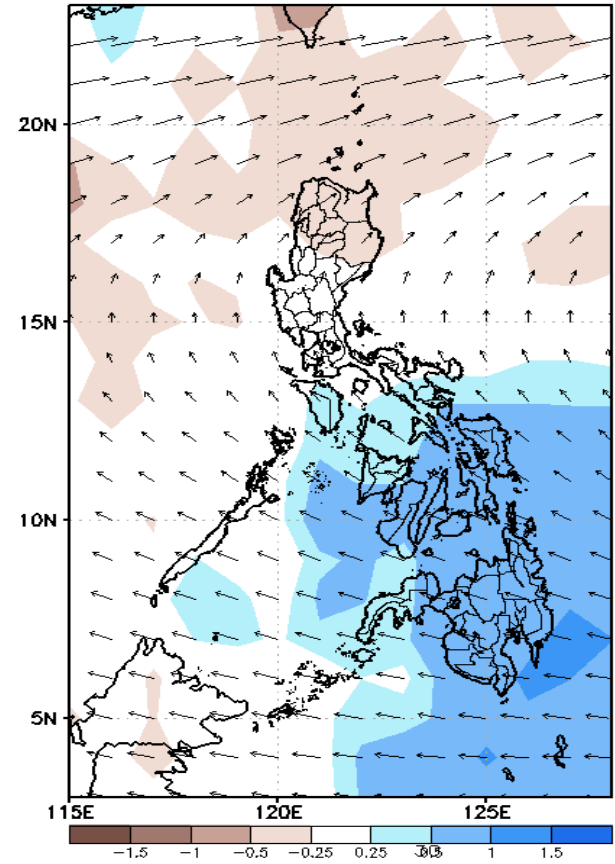
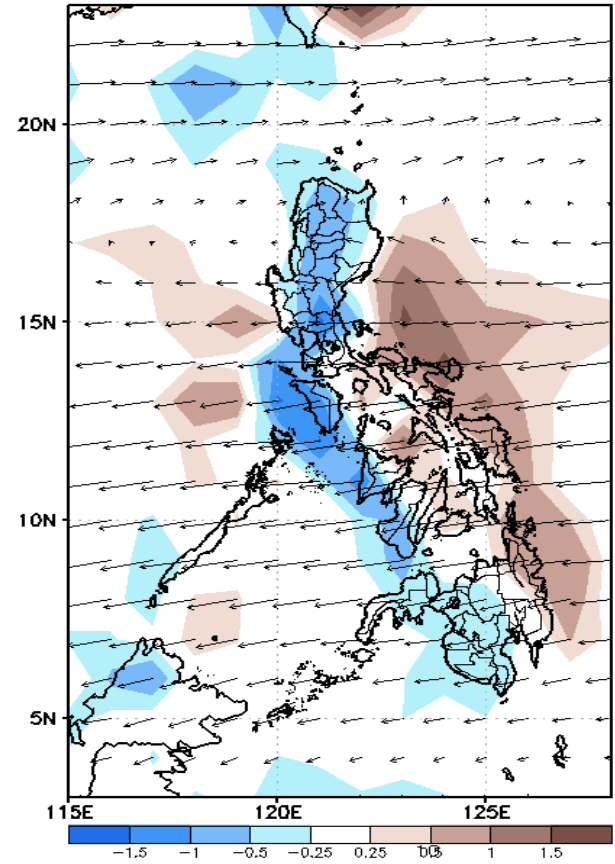
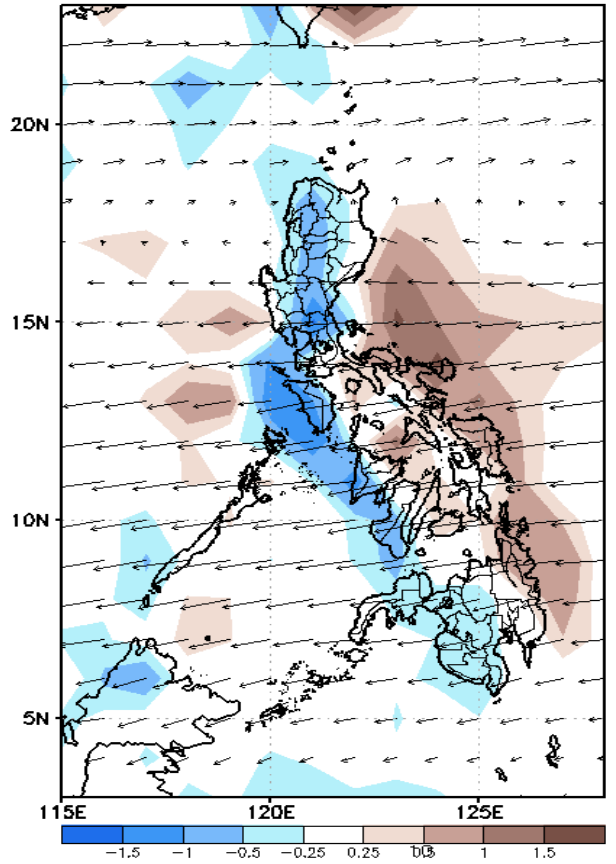
Week 1 & Week 2 Forecast for the Philippines using GEFS Model



GEFS Week-1 Forecasts: Wind Anomaly Forecast

Week 1: Jan 20-26, 2023

GEFS Week-1 850-hPa Divergence and Wind Anomr Valid: 20230120 - 20230126 GEFS Week-1 700-hPa Divergence and Wind Anomr Valid: 20230120 - 20230126 GEFS Week-1 200-hPa Divergence and Wind Anomr Valid: 20230120 - 20230126

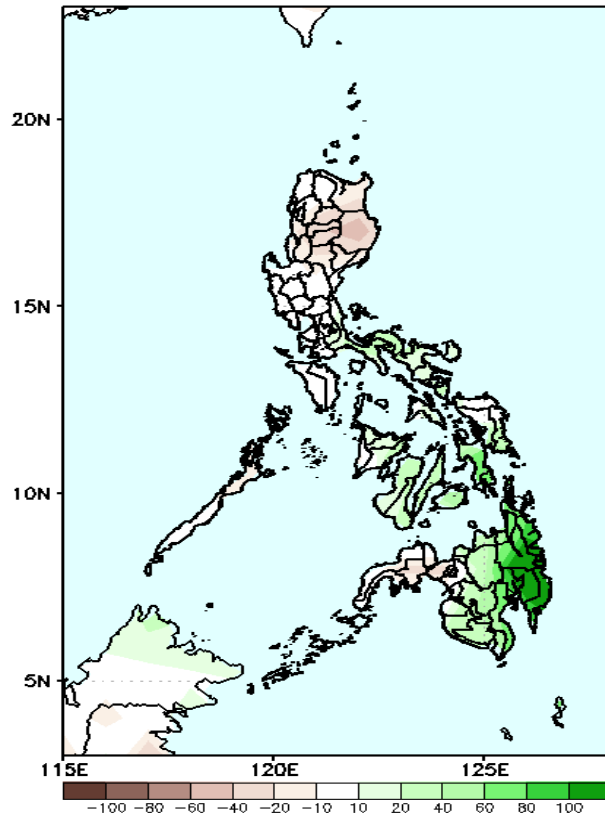


Northeast Monsoon is forecasted to affect most parts of eastern Luzon while Easterlies to affect Visayas and Mindanao during the forecast period.

Precipitation Anomaly and Exceedance Probability > 25/50 mm

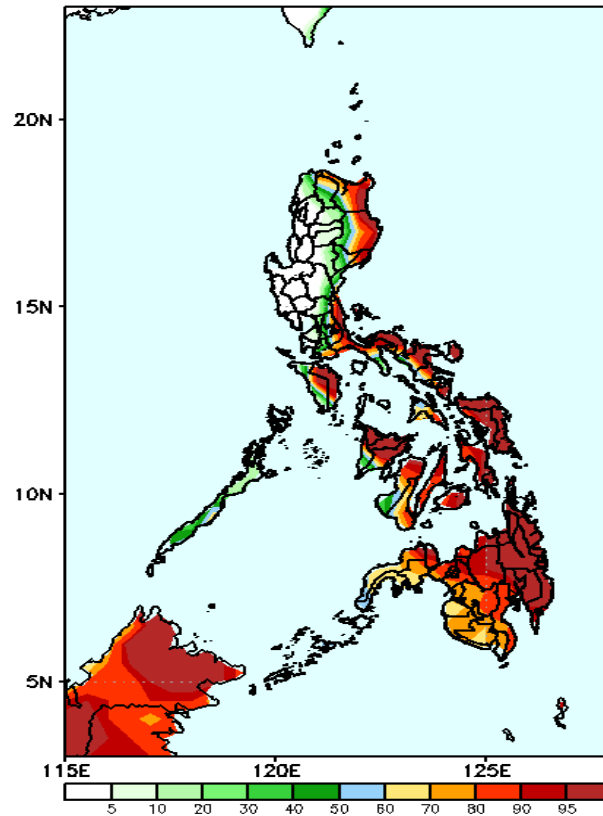
Week 1: Jan 20-26, 2023

GEFS Week-1 Precip Anomaly
Valid: 20230120 - 20230126



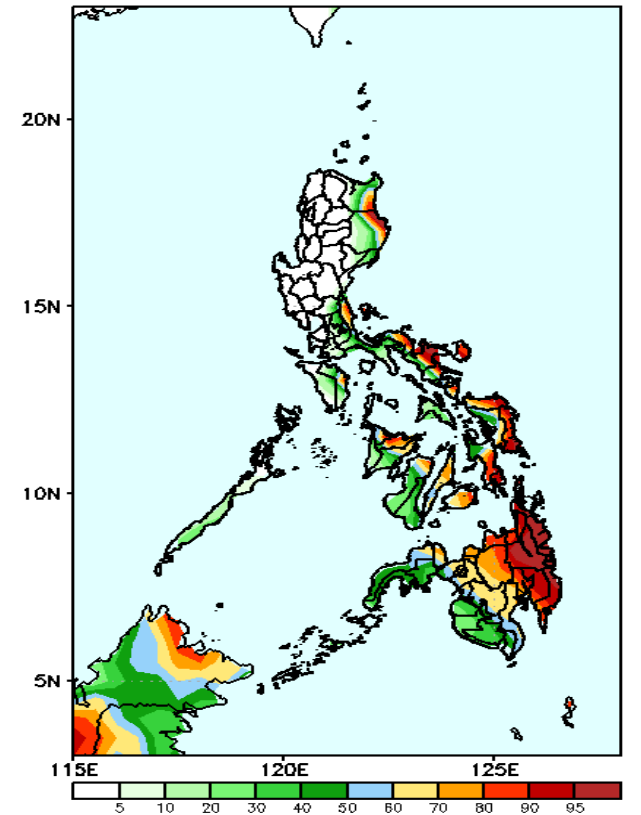
Increase of rainfall of more than 100mm in most parts of eastern Mindanao and 40 - 80mm for the rest of Luzon and most parts of Quezon, Bicol Region and Visayas while 20-60mm rainfall deficit in Isabela and CAR during the forecast period.

GEFS Week-1 Exceedance Prob. > 25mm
Valid: 20230120 - 20230126



Very high probability of rainfall to exceed 25mm in most parts of eastern Luzon, Bicol region, Mindoro provinces, 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: 20230120 - 20230126

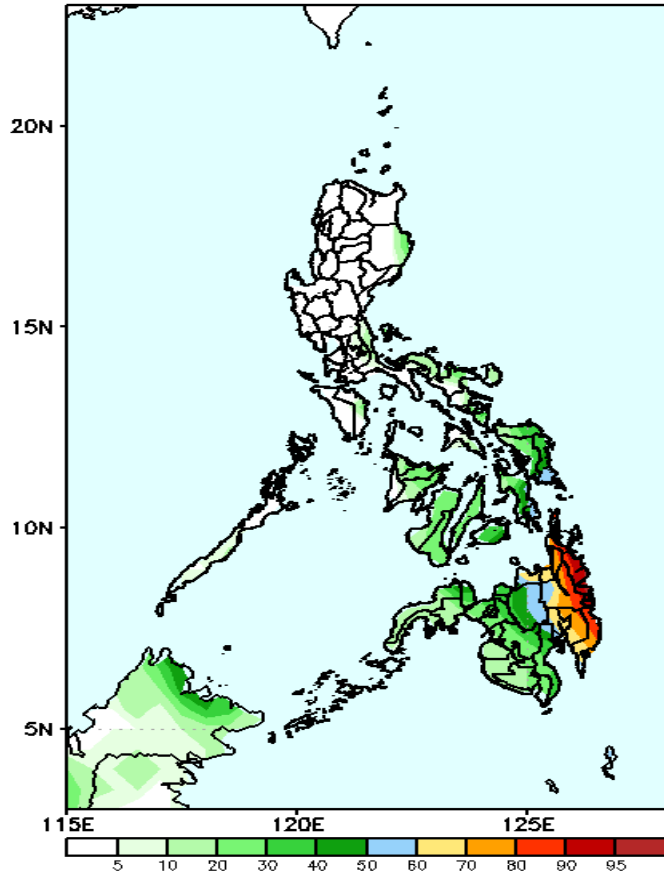


Very high probability of rainfall to exceed 50mm in some areas in eastern Luzon, Bicol region, eastern and central Visayas, northern section of western Visayas and most parts of Mindanao(except SOCCSKARGEN) while less likely for the rest of the country during the forecast period.

Exceedance Probability > 100/150/200 mm

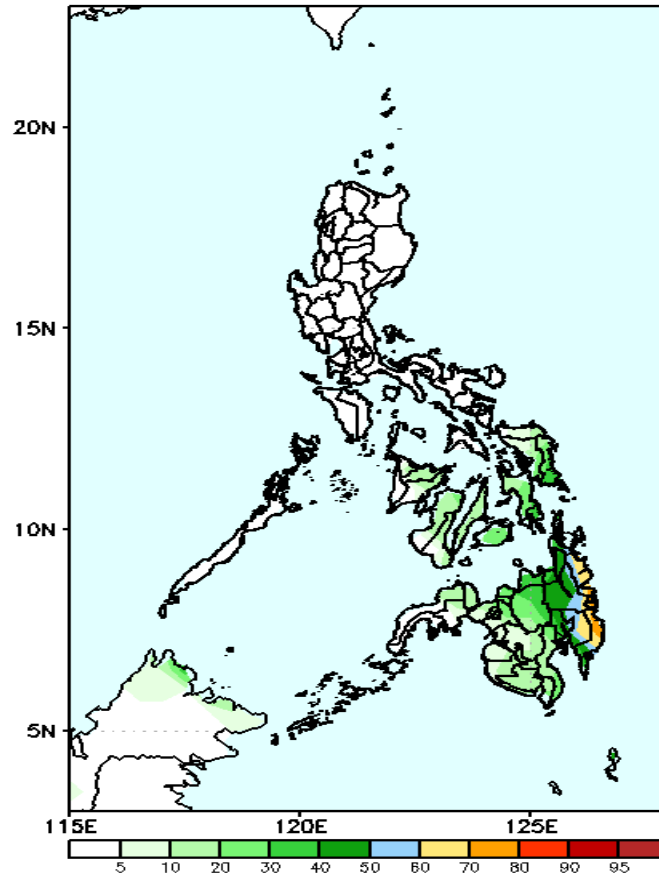
Week 1: Jan 20-26, 2023

GEFS Week-1 Exceedance Prob. > 100mm
Valid: 20230120 - 20230126



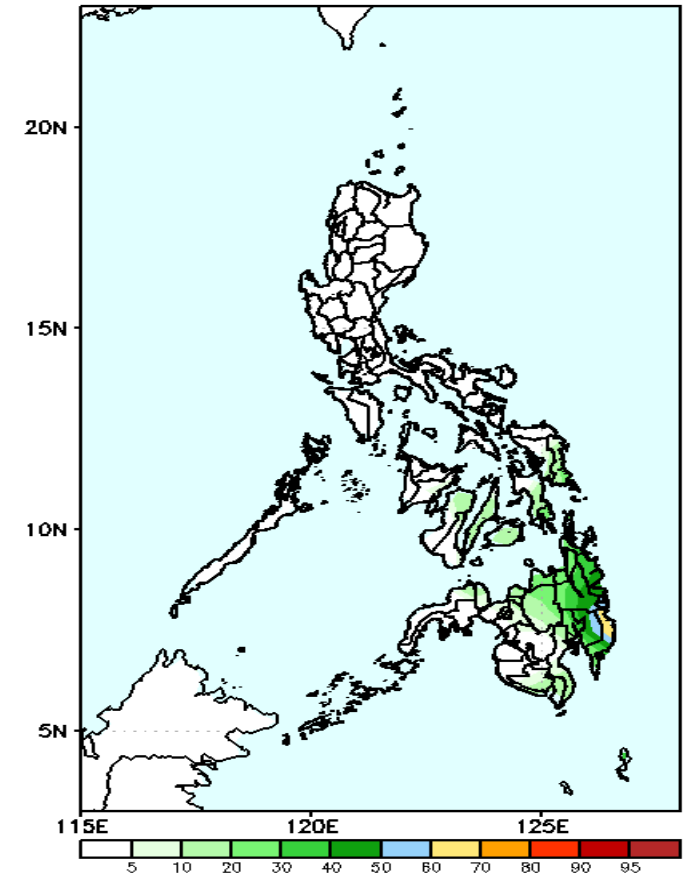
High probability of rainfall to exceed 100mm in CARAGA and Davao Region while less likely for the rest of the country during the forecast period.

GEFS Week-1 Exceedance Prob. > 150mm
Valid: 20230120 - 20230126



60 – 80% probability of rainfall to exceed 150mm in Surigao provinces, Davao Oriental and Davao de Oro while less likely for the rest of the country during the forecast period.

GEFS Week-1 Exceedance Prob. > 200mm
Valid: 20230120 - 20230126

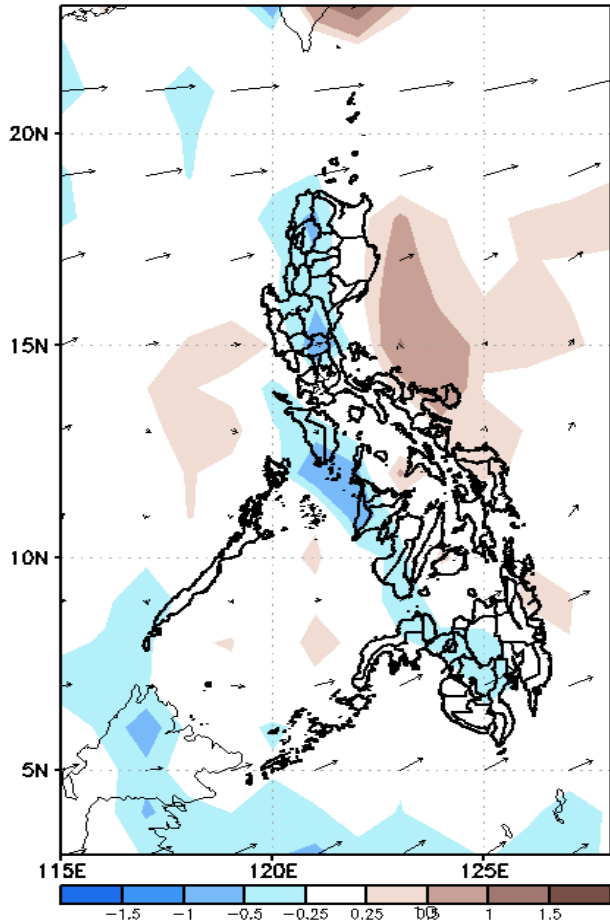


Low probability of rainfall to exceed 200mm in most parts of the country during the forecast period.

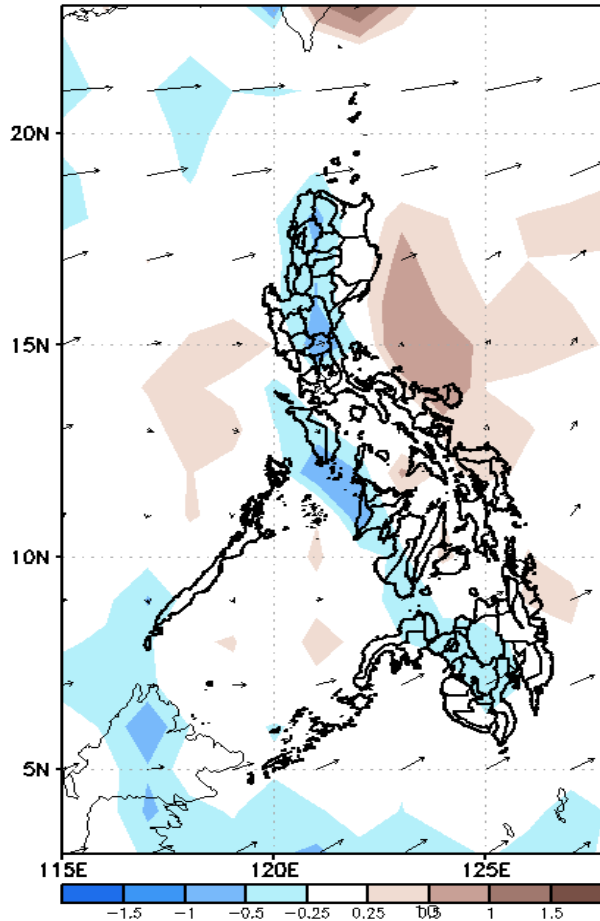
GEFS Week-2 Forecasts: Wind Anomaly Forecast

Week 2: Jan 27 – Feb 02, 2023

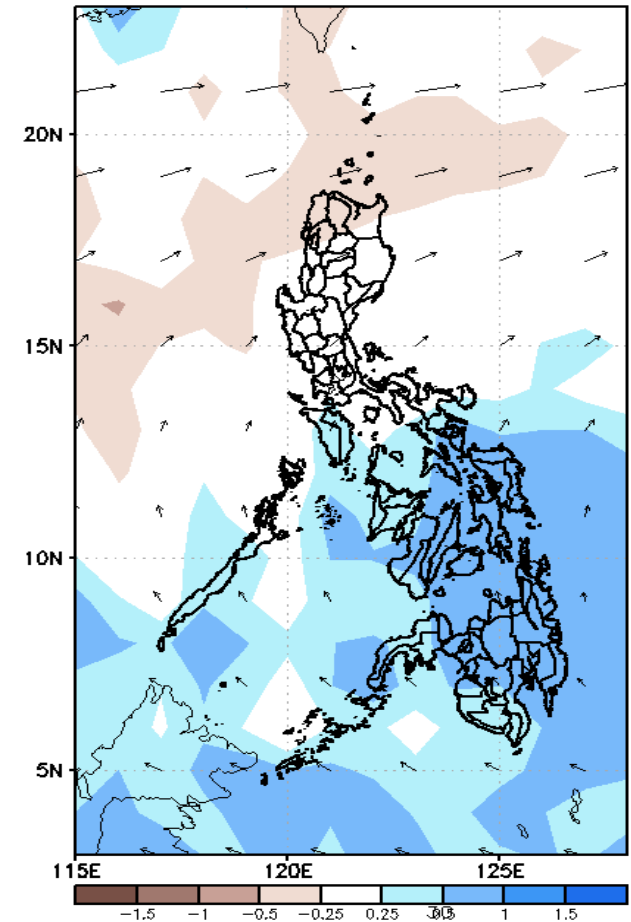
GEFS Week-2 850-hPa Divergence and Wind Anom
Valid: 20230127 – 20230202



GEFS Week-2 700-hPa Divergence and Wind Anom
Valid: 20230127 – 20230202



GEFS week-2 200-hPa Divergence and Wind Anom
Valid: 20230127 – 20230202



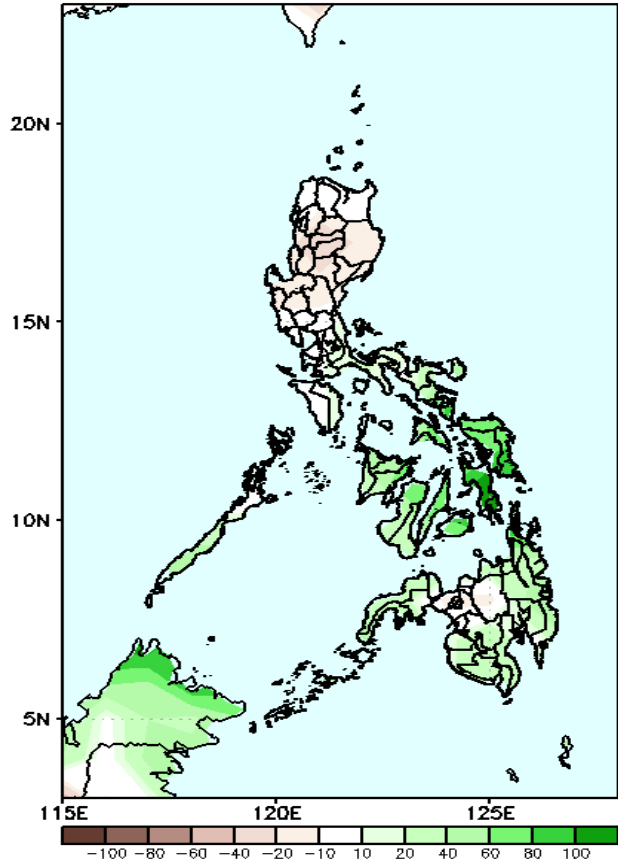
Northeast Monsoon is forecasted to affect most parts of Luzon and eastern Visayas while Easterlies is forecasted to affect Mindanao during the forecast period.



Precipitation Anomaly and Exceedance Probability > 25/50 mm

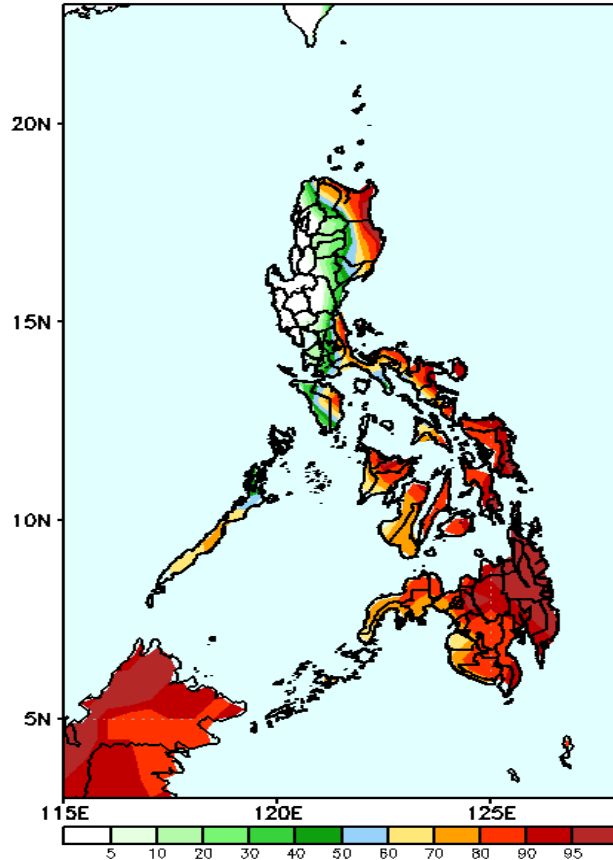
Week 2: Jan 27 – Feb 02, 2023

GEFS Week-2 Precip Anomaly
Valid: 20230127 – 20230202



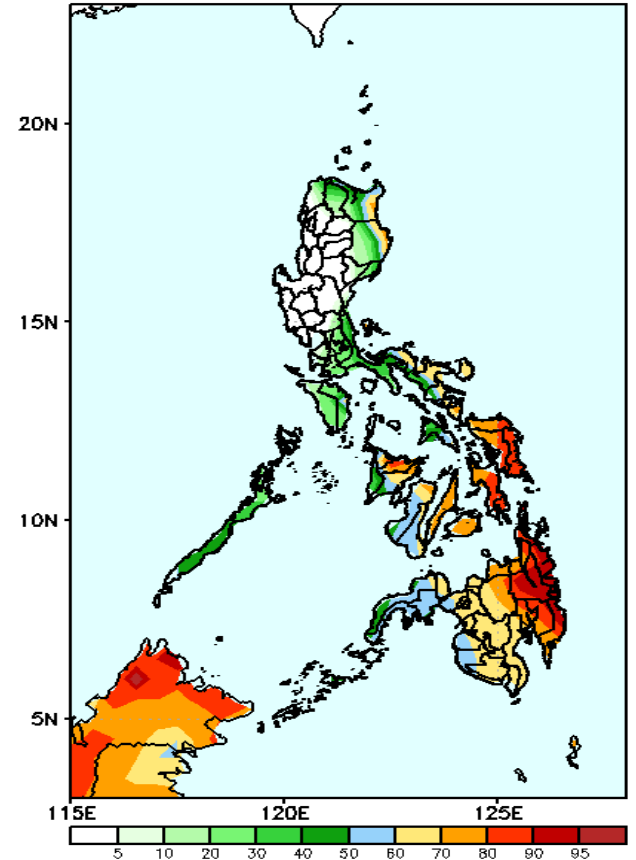
Increase of rainfall of 40 – 100mm is expected in most parts of Bicol Region, Visayas and Mindanao during the forecast period.

GEFS Week-2 Exceedance Prob. > 25mm
Valid: 20230127 – 20230202



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

GEFS Week-2 Exceedance Prob. > 50mm
Valid: 20230127 – 20230202

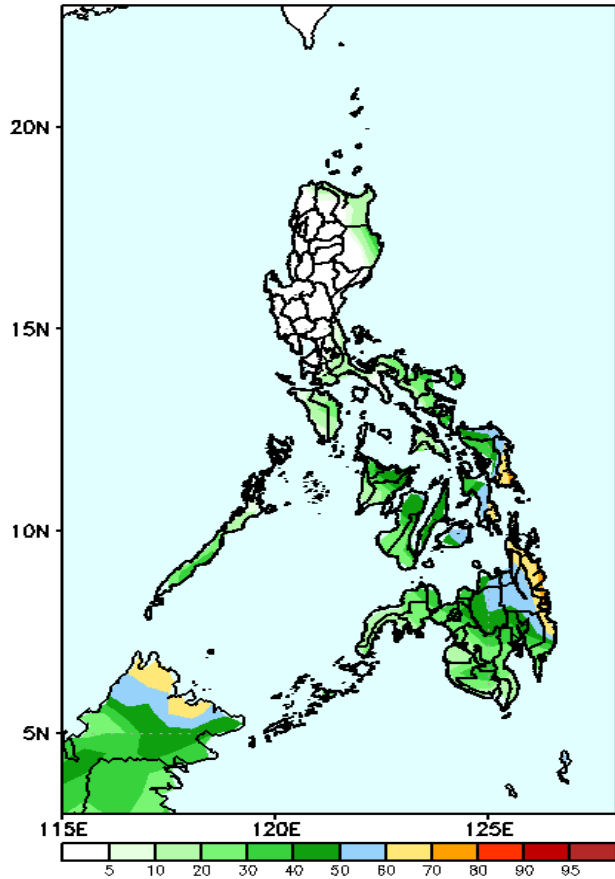


Very high probability of rainfall to exceed 50mm in the eastern section of Cagayan and Isabela, some parts of Bicol region and most parts of Visayas and Mindanao while less likely for the rest of Luzon during the forecast period.

Exceedance Probability > 100/150/200 mm

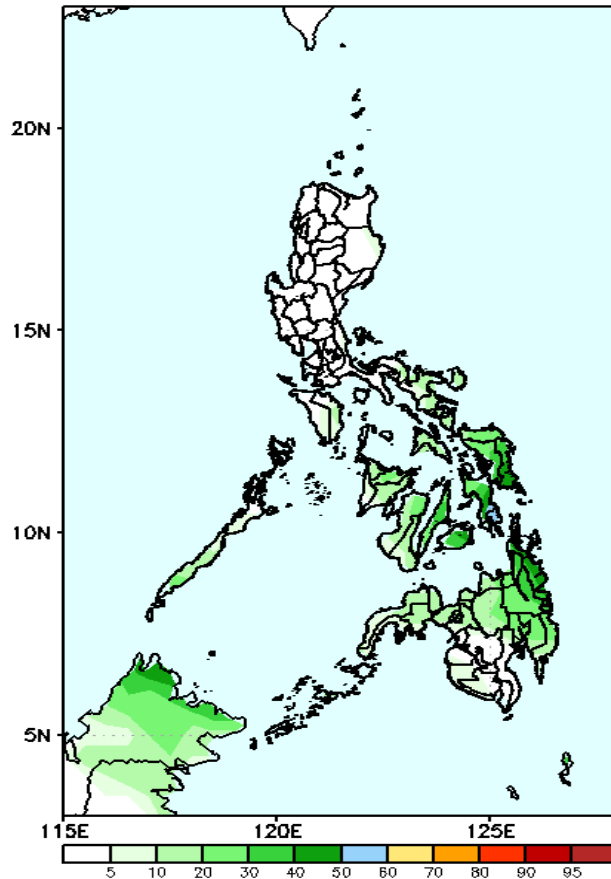
Week 2: Jan 27 – Feb 02, 2023

GEFS Week-2 Exceedance Prob. > 100mm
Valid: 20230127 – 20230202



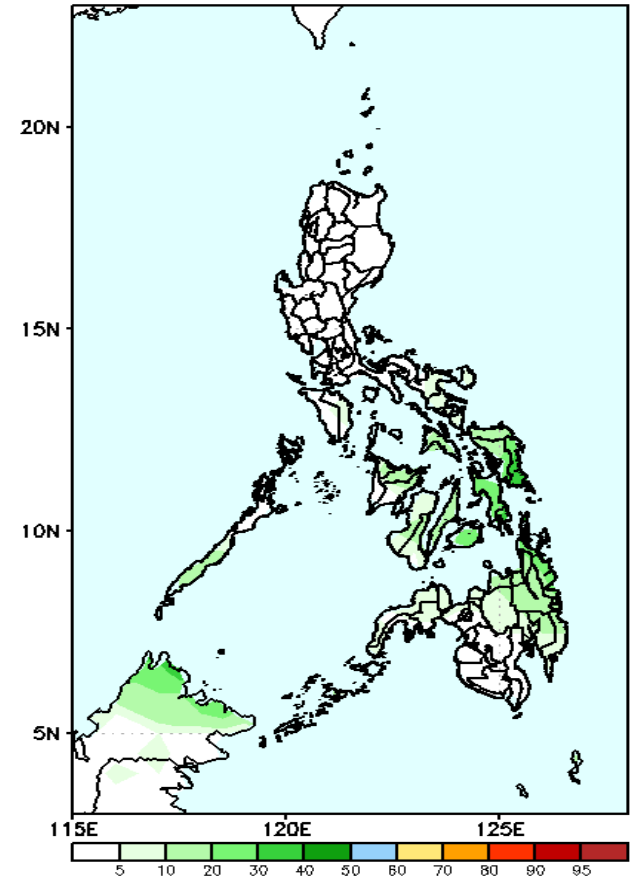
60 – 70% probability of rainfall to exceed 100mm in Eastern Samar, Southern Leyte, CARAGA and Davao Oriental while less likely for the rest of the country during the forecast period.

GEFS Week-2 Exceedance Prob. > 150mm
Valid: 20230127 – 20230202



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

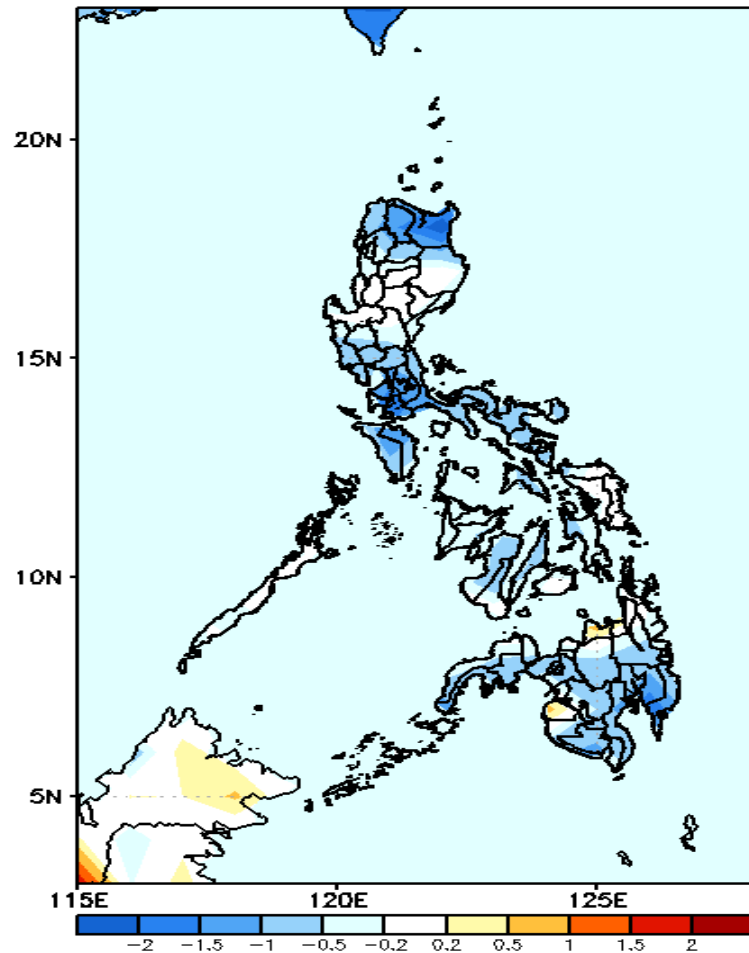
GEFS Week-2 Exceedance Prob. > 200mm
Valid: 20230127 – 20230202



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

GEFS Week-1 & 2 Forecasts: T2m Anomaly

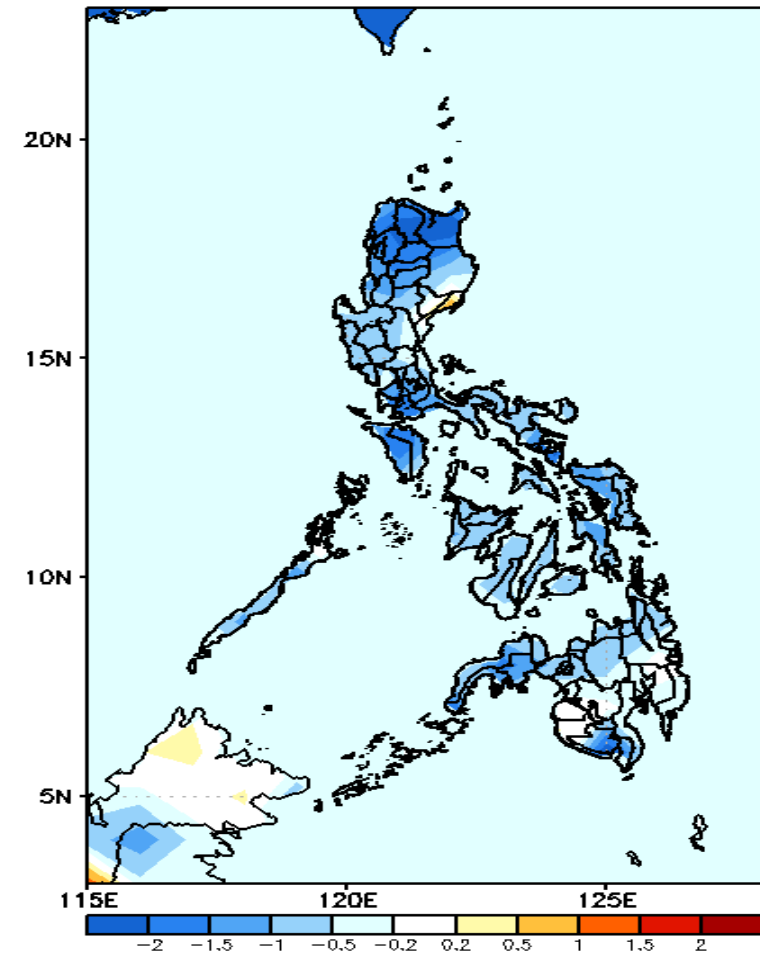
GEFS Week-1 T2m Anomaly
Valid: 20230120 - 20230126



2m Temperature Week 1: Jan 20-26, 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: 20230127 - 20230202



2m Temperature Week 2: Jan 27 - Feb 02, 2023

Cooler than average surface air temperature will likely experience in most parts of northern & Southern Luzon, Eastern Visayas Zamboanga Peninsula, southwestern Mindanao while average to slightly cooler temperature for the rest of the country during the forecast period.

