



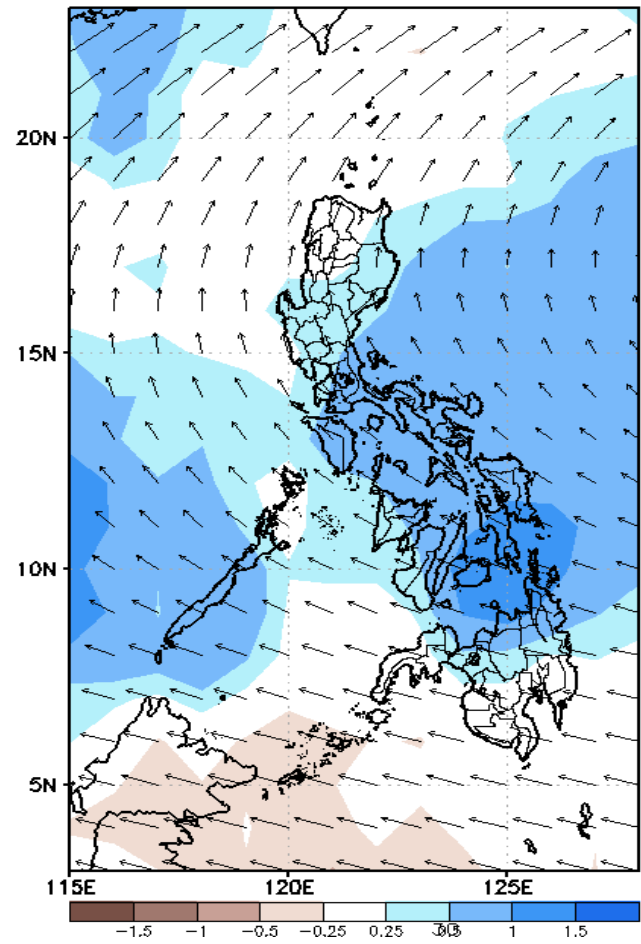
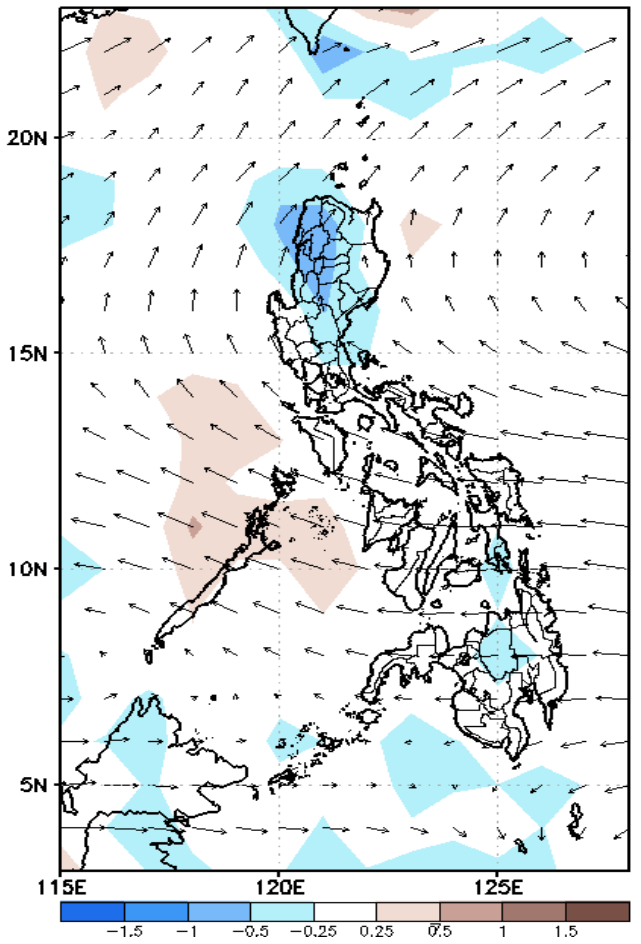
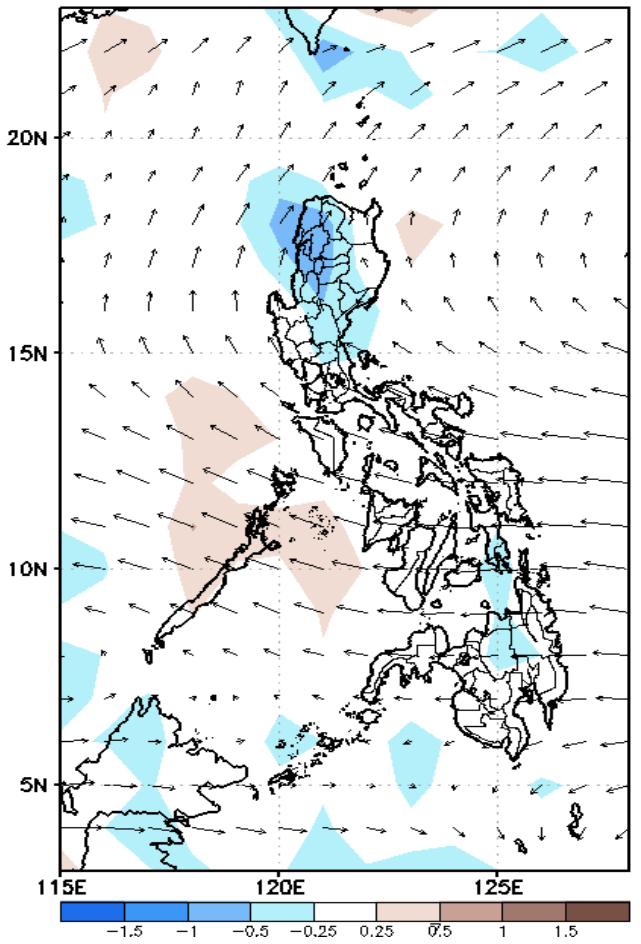
Week 1 & Week 2 Forecast for the Philippines using GEFS Model



GEFS Week-1 Forecasts: Wind Anomaly Forecast

Week 1: Dec 26- Jan 01, 2022

GEFS Week-1 850-hPa Divergence and Wind Anom
Valid: 20221226 - 20230101
GEFS Week-1 700-hPa Divergence and Wind Anom
Valid: 20221226 - 20230101
GEFS Week-1 200-hPa Divergence and Wind Anom
Valid: 20221226 - 20230101

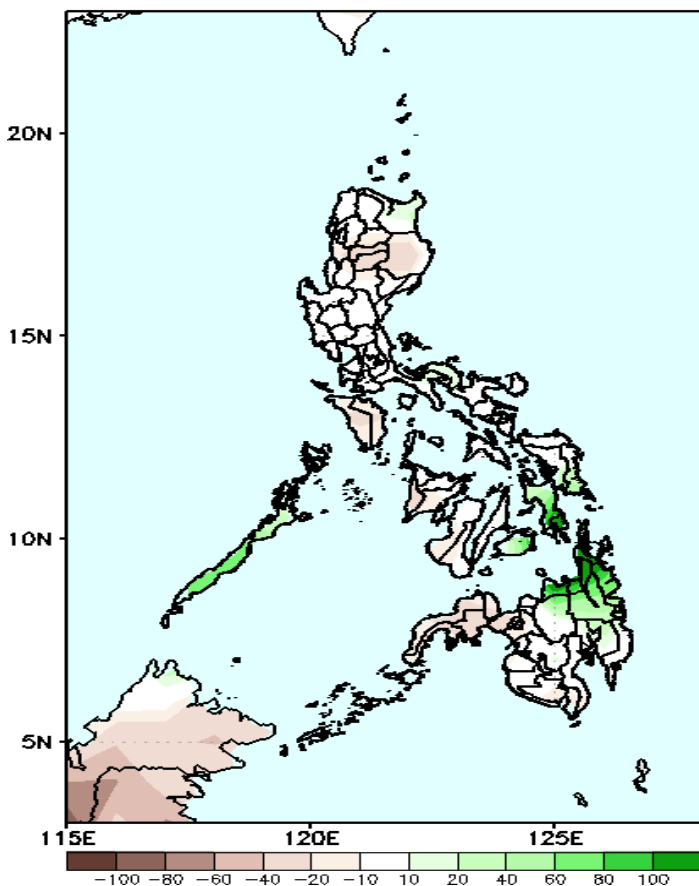


Northeast monsoon affecting most parts of Luzon, eastern sections of Visayas and CARAGA. Easterlies affecting the rest of Mindanao during the forecast period.

Precipitation Anomaly and Exceedance Probability > 25/50 mm

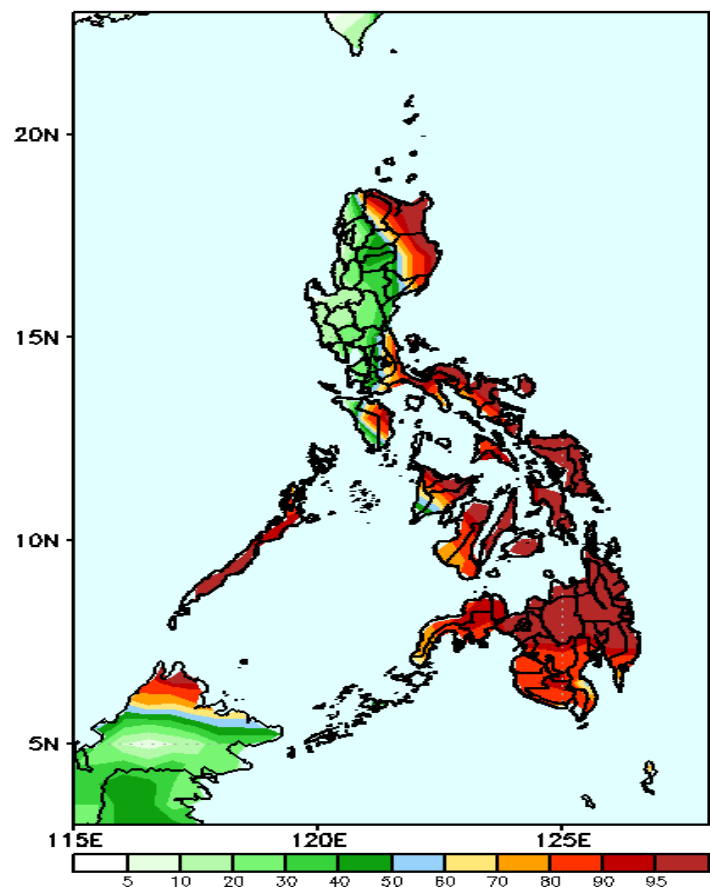
Week 1: Dec 26- Jan 01, 2022

GEFS Week-1 Precip Anomaly
Valid: 20221226 - 20230101



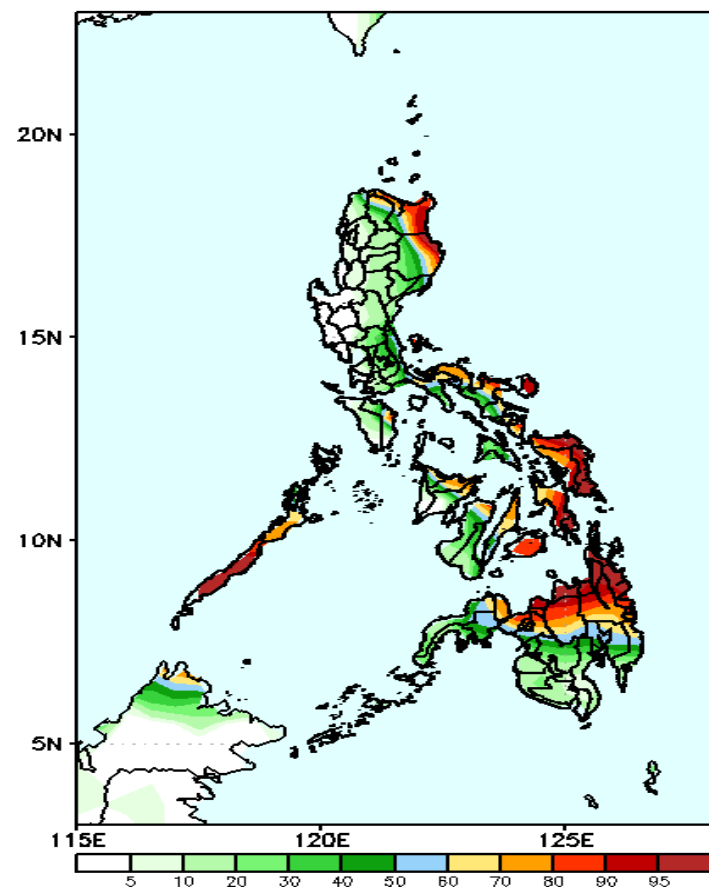
Increase of rainfall of up to 100mm is expected CARAGA Region & Southern Leyte, 40-90mm in Palawan, Bohol Eastern Samar and Misamis Oriental while 20-50mm rainfall deficit for the rest of the country during the forecast period.

GEFS Week-1 Exceedance Prob. > 25mm
Valid: 20221226 - 20230101



High probability of rainfall to exceed 25mm in Apayao, Cagayan, Isabela, most parts of Southern Luzon, Visayas and Mindanao while less likely for the rest of Luzon during the forecast period.

GEFS Week-1 Exceedance Prob. > 50mm
Valid: 20221226 - 20230101

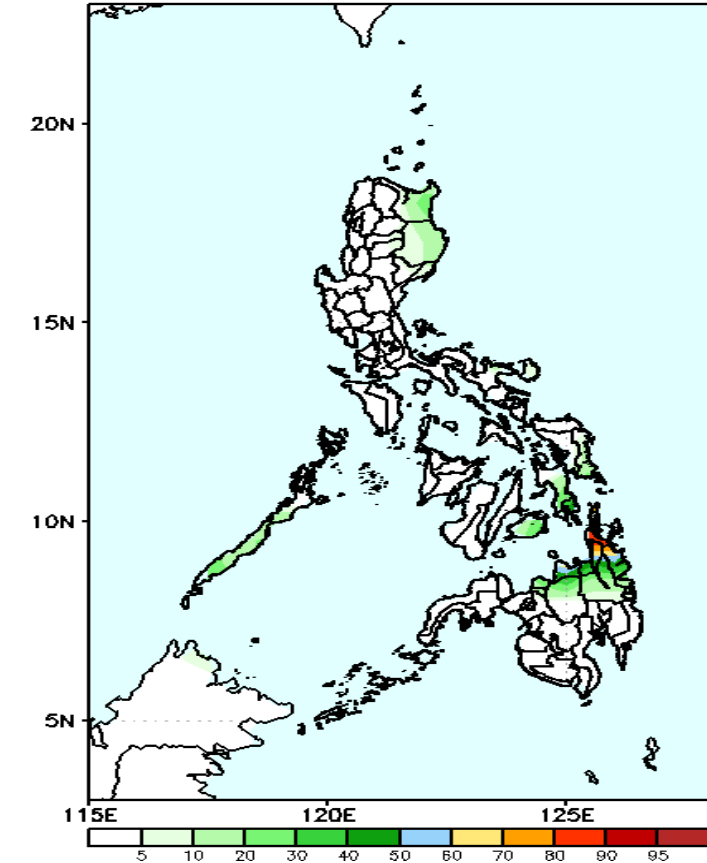


High probability of rainfall to exceed 50mm in the eastern sections of Cagayan and Isabela, some areas in Bicol region, Palawan, most of Eastern Visayas, some areas in Central and Western Visayas and most parts of Northern Mindanao and CARAGA Region while less likely for the rest of the country during the forecast period.

Exceedance Probability > 100/150/200 mm

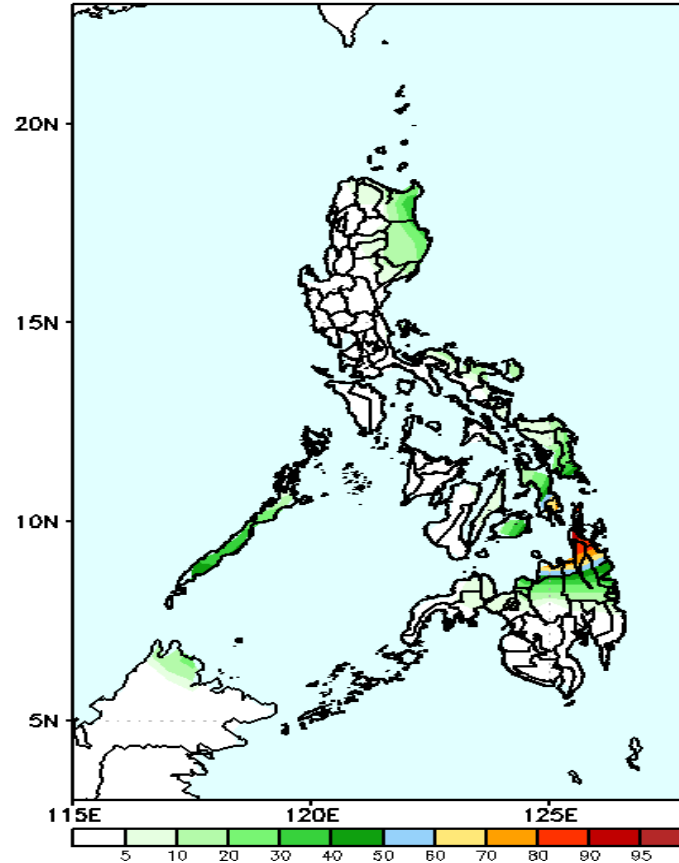
Week 1: Dec 26- Jan 01, 2022

GEFS Week-1 Exceedance Prob. > 200mm
Valid: 20221226 - 20230101



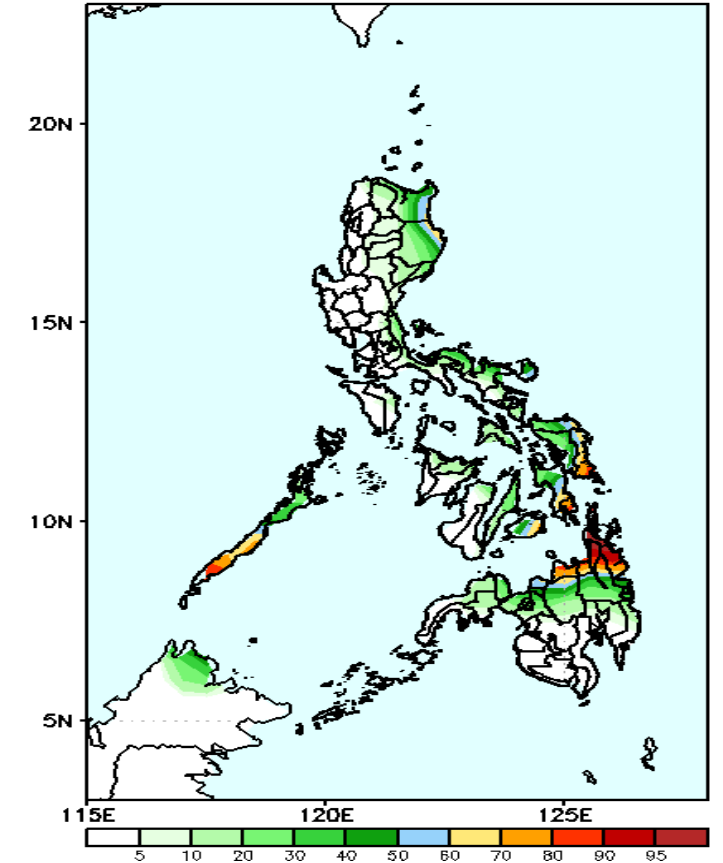
High probability of rainfall to exceed 100mm in southern Palawan, Eastern Samar, Southern Leyte and some areas in Northern Mindanao and CARAGA while less likely for the rest of the country during the forecast period.

GEFS Week-1 Exceedance Prob. > 150mm
Valid: 20221226 - 20230101



60-90% probability of rainfall to exceed 150mm in Palawan, Bohol, Eastern Visayas, northern Mindanao and CARAGA Region while less likely for the rest of the country during the forecast period.

GEFS Week-1 Exceedance Prob. > 100mm
Valid: 20221226 - 20230101

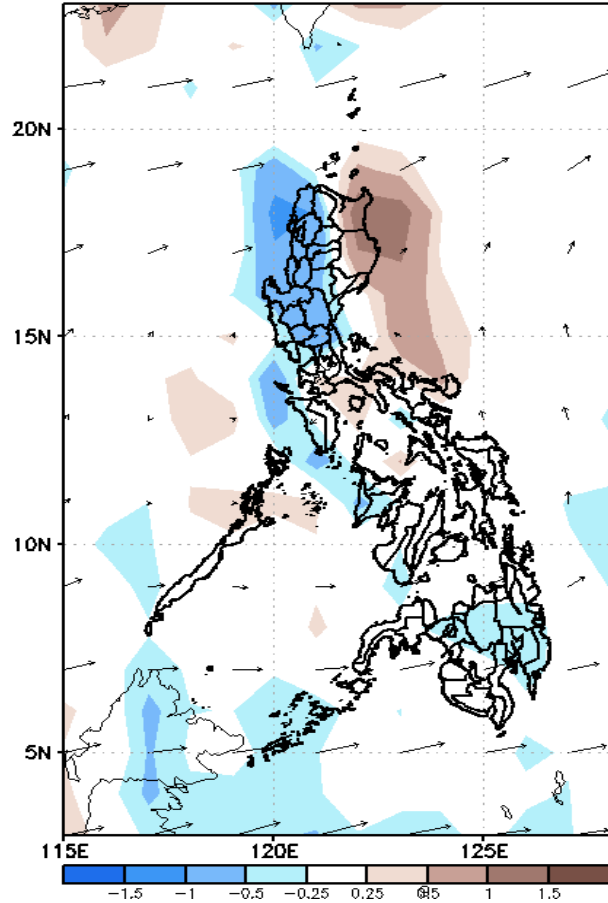


Low probability of rainfall to exceed 200mm in most parts of the country except in CARAGA Region during the forecast period.

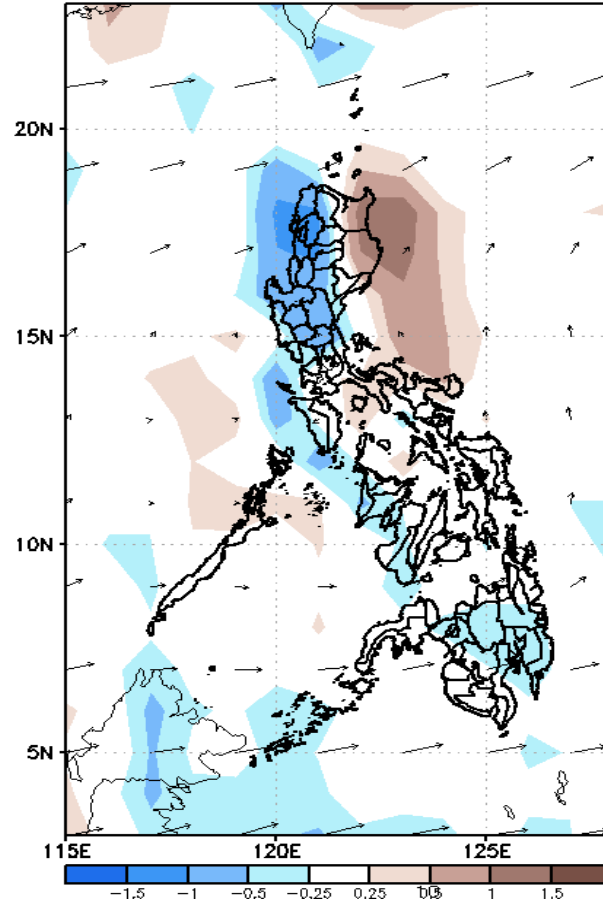
GEFS Week-2 Forecasts: Wind Anomaly Forecast

Week 2: Jan 02-08, 2023

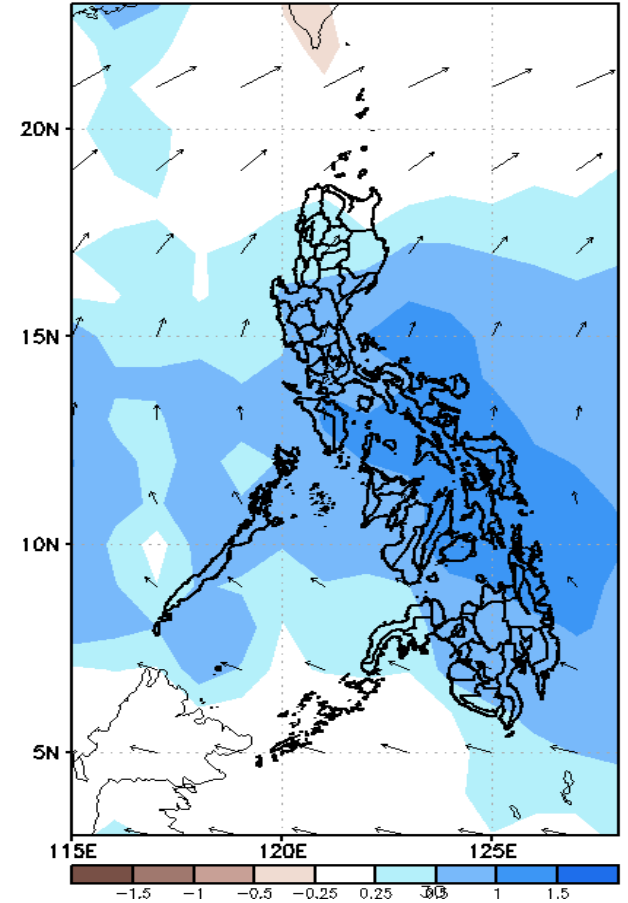
GEFS Week-2 850-hPa Divergence and Wind Anomaly
Valid: 20230102 - 20230108



GEFS Week-2 700-hPa Divergence and Wind Anomaly
Valid: 20230102 - 20230108



GEFS week-2 200-hPa Divergence and Wind Anom
Valid: 20230102 - 20230108



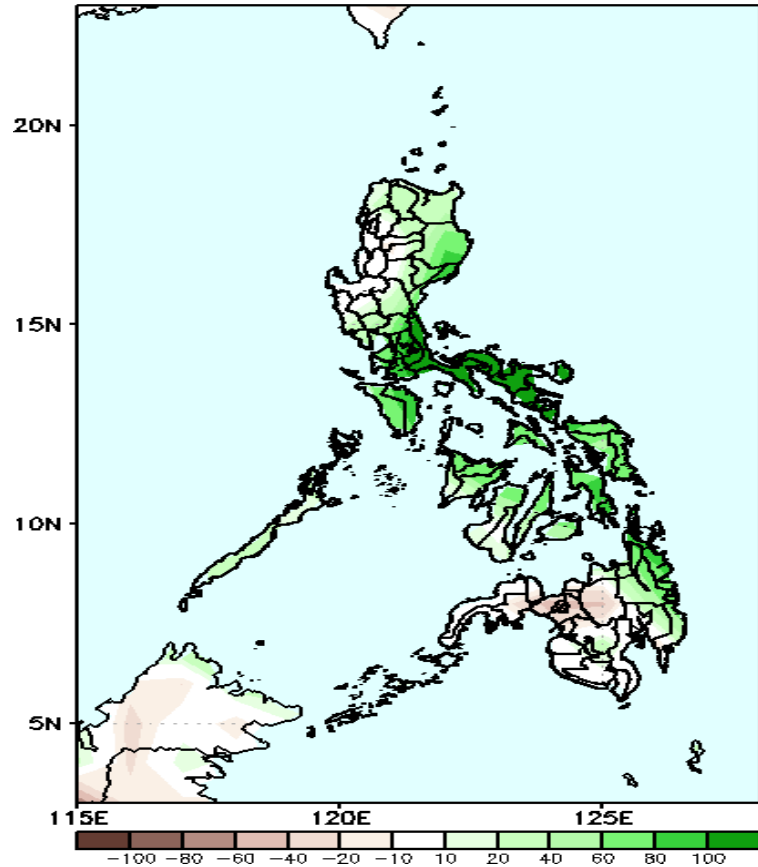
Northeast monsoon is forecasted to affect the eastern sections of the country during the forecast period.



Precipitation Anomaly and Exceedance Probability > 25/50 mm

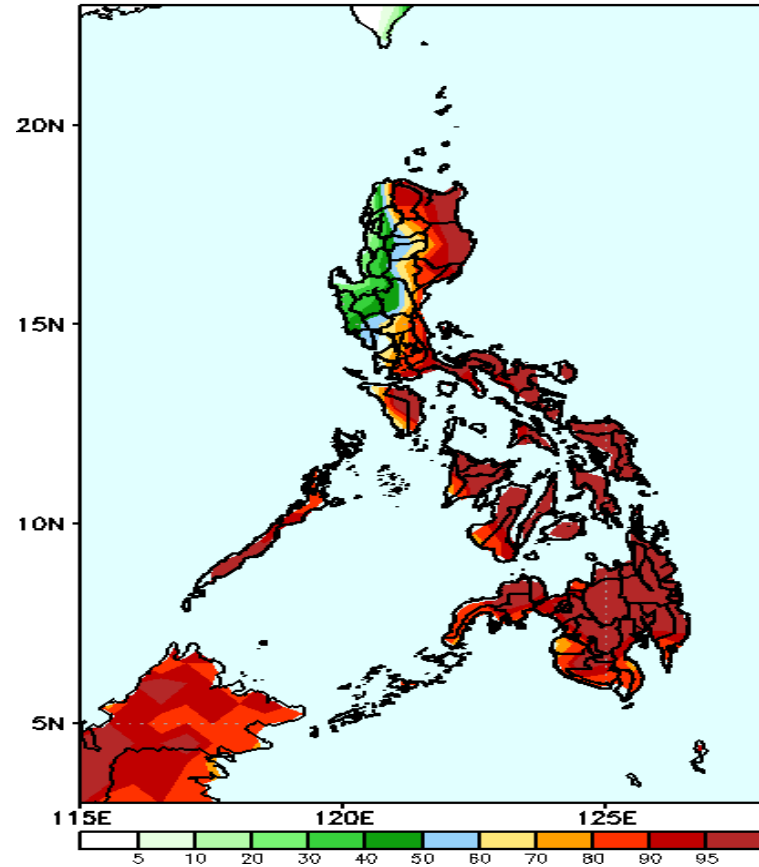
Week 2: Jan 02-08, 2023

GEFS Week-2 Precip Anomaly
Valid: 20230102 - 20230108



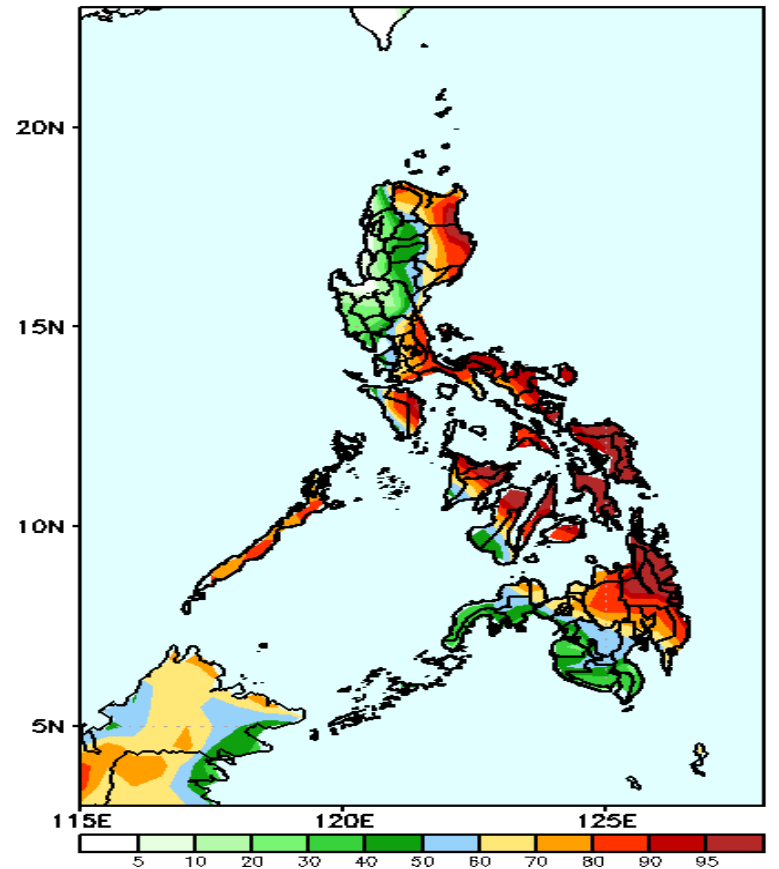
Increase of rainfall of more than 100mm in Southern Luzon, 40-100mm in most of Luzon, Visayas and CARAGA Region while 20-40mm rainfall deficit is expected in Bukidnon and western parts of Mindanao during the forecast period.

GEFS Week-2 Exceedance Prob. > 25mm
Valid: 20230102 - 20230108



High probability of rainfall to exceed 25mm in most parts of the country except Ilocos region and Central Luzon (except Aurora) while less likely for the rest of Luzon during the forecast period.

GEFS Week-2 Exceedance Prob. > 50mm
Valid: 20230102 - 20230108



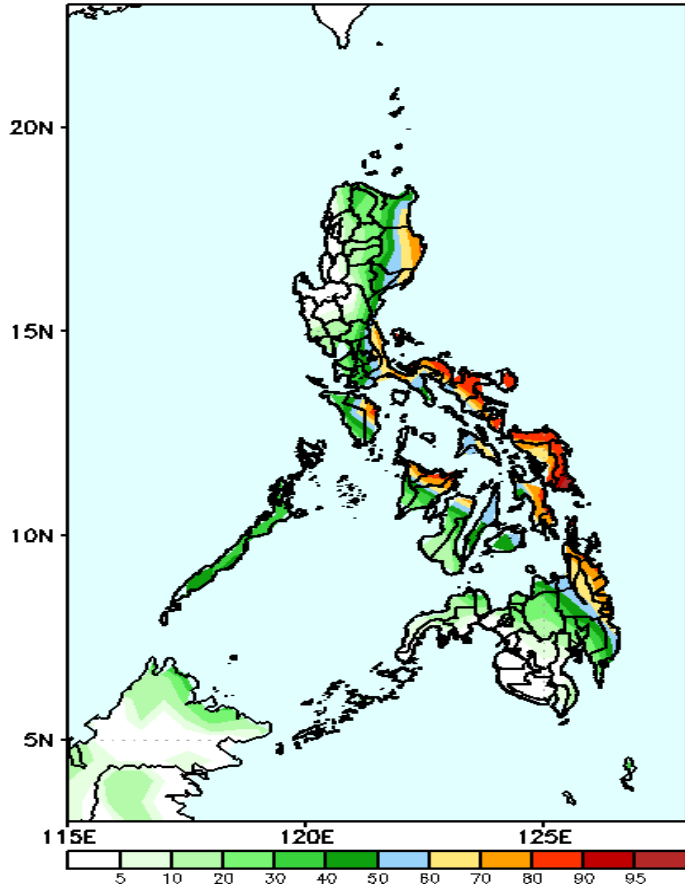
High probability of rainfall to exceed 50mm in Apayao, most parts of eastern and southern Luzon, Visayas, Northern Mindanao, CARAGA and Davao region while less likely for the rest of the country during the forecast period.



Exceedance Probability > 100/150/200 mm

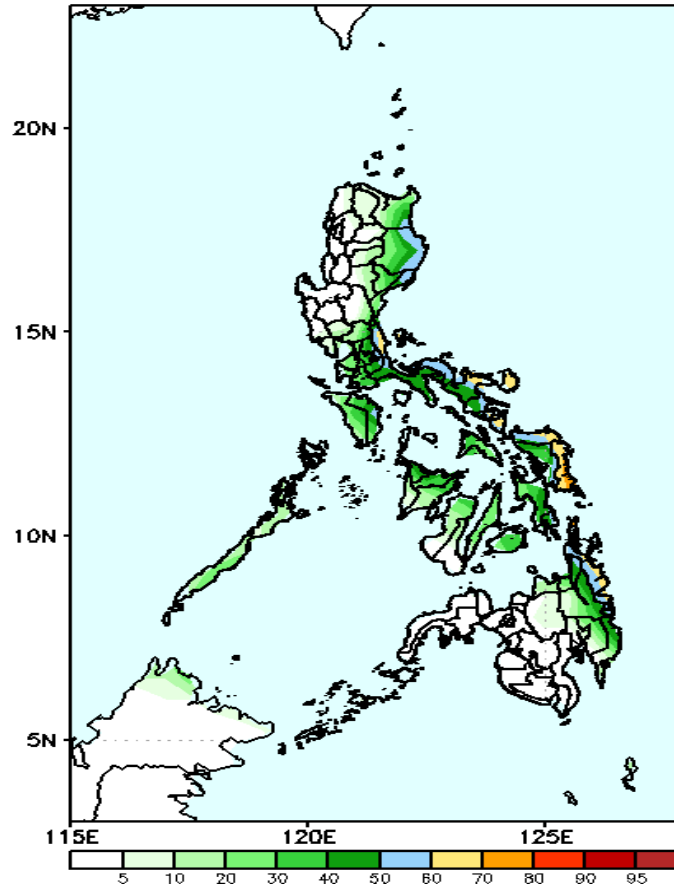
Week 2: Jan 02-08, 2023

GEFS Week-2 Exceedance Prob. > 100mm
Valid: 20230102 - 20230108



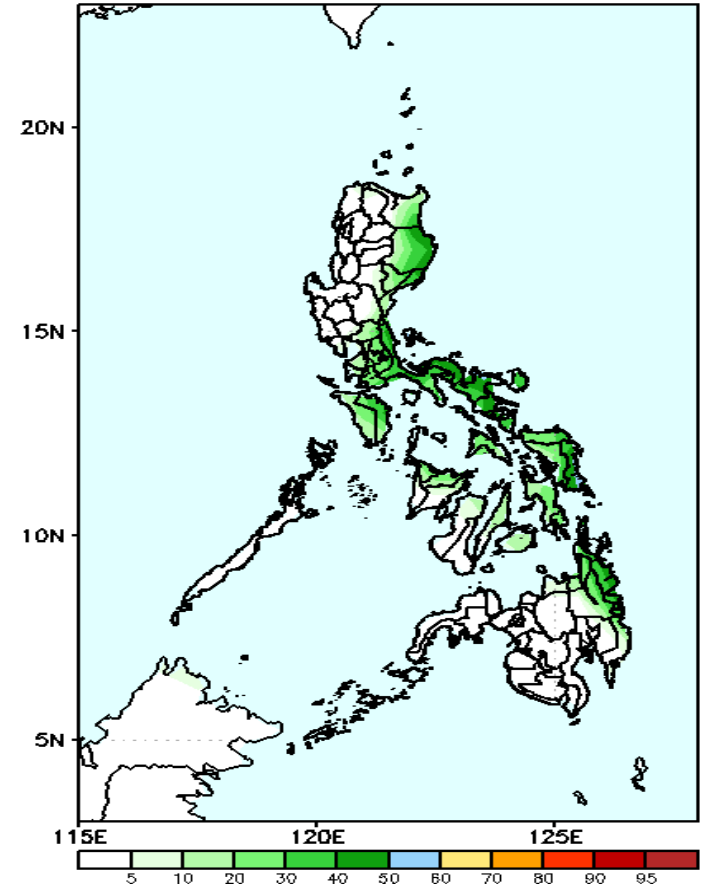
High probability of rainfall to exceed 100mm in the eastern sections of Cagayan and Isabela, Quezon, most of Bicol region, Eastern Visayas, some areas in Western Visayas and Surigao provinces while less likely for the rest of the country during the forecast period.

GEFS Week-2 Exceedance Prob. > 150mm
Valid: 20230102 - 20230108



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

GEFS Week-2 Exceedance Prob. > 200mm
Valid: 20230102 - 20230108



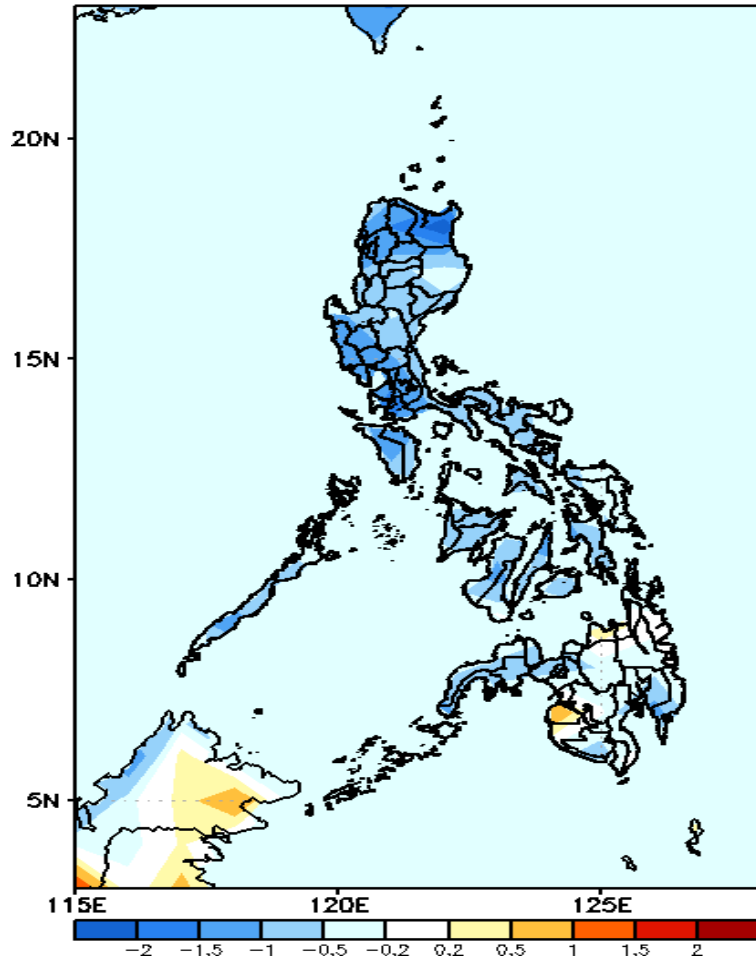
Low probability of rainfall to exceed 200mm in most parts of the country during the forecast period.

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GEFS Week-1 & 2 Forecasts: T2m Anomaly

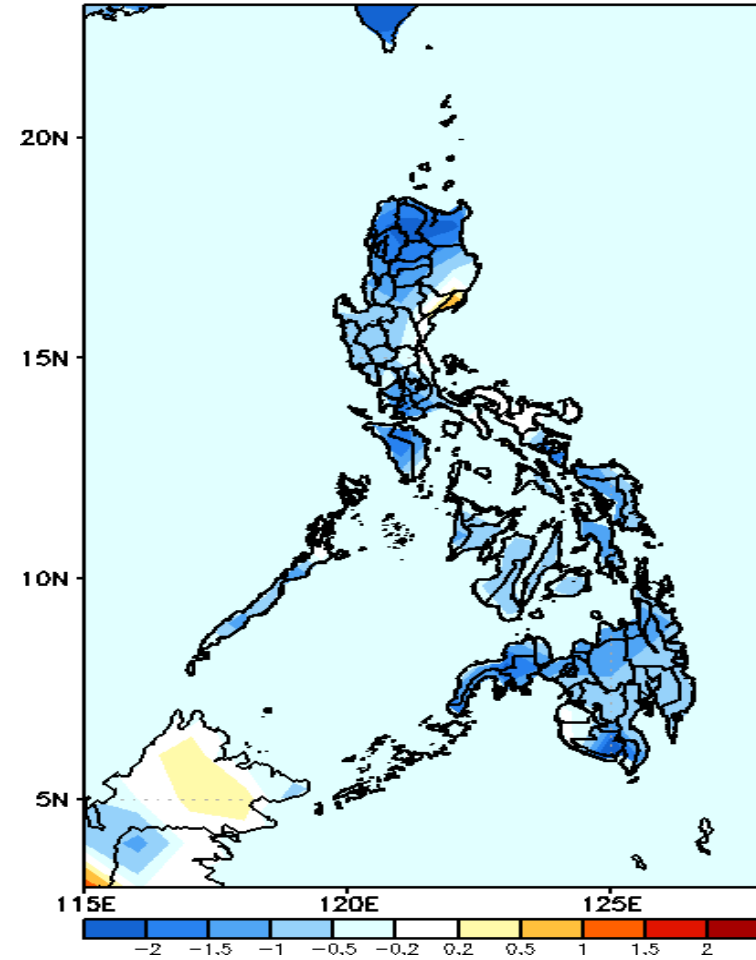
GEFS Week-1 T2m Anomaly
Valid: 20221226 - 20230101



2m Temperature Week 1: Dec 26- Jan 01, 2022

Slightly cooler 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: 20230102 - 20230108



2m Temperature Week 2: Jan 02-08, 2023

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

