



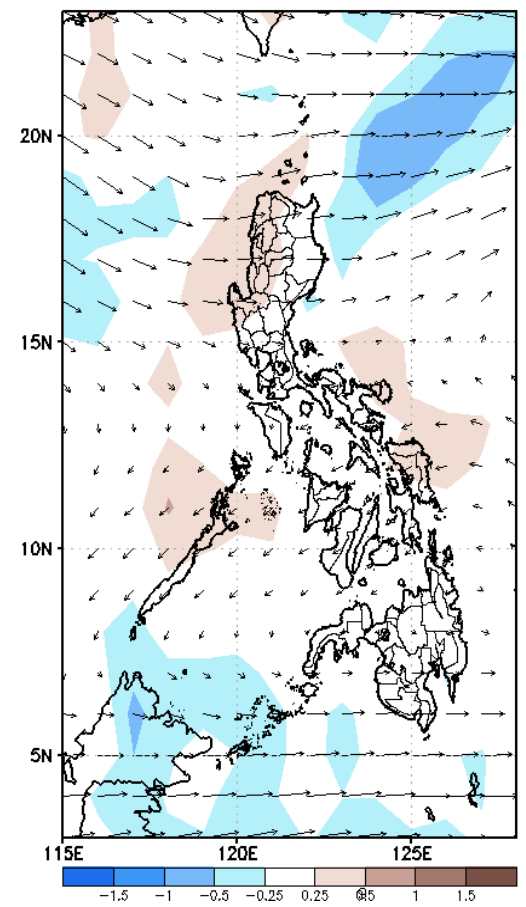
Week 1 & Week 2 Forecast for the Philippines using GEFS Model



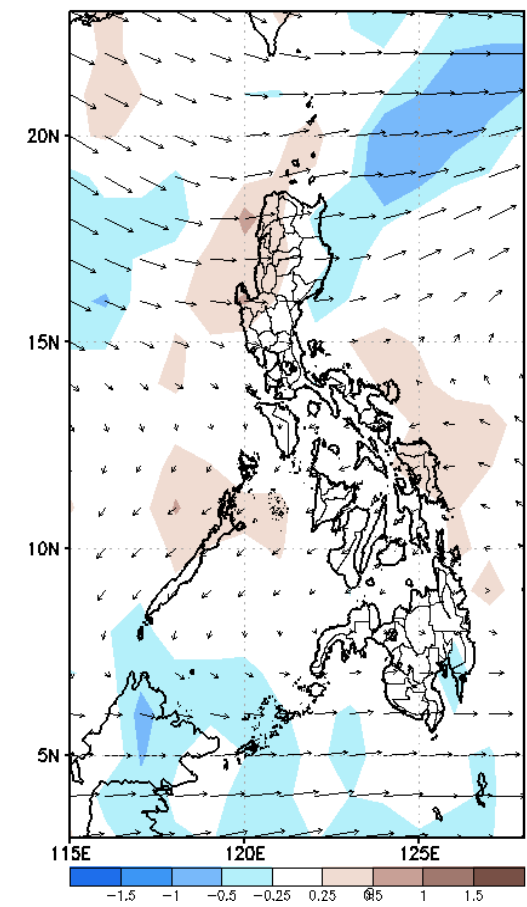
GEFS Week-1 Forecasts: Wind Anomaly Forecast

Week 1: Dec 21-27, 2022

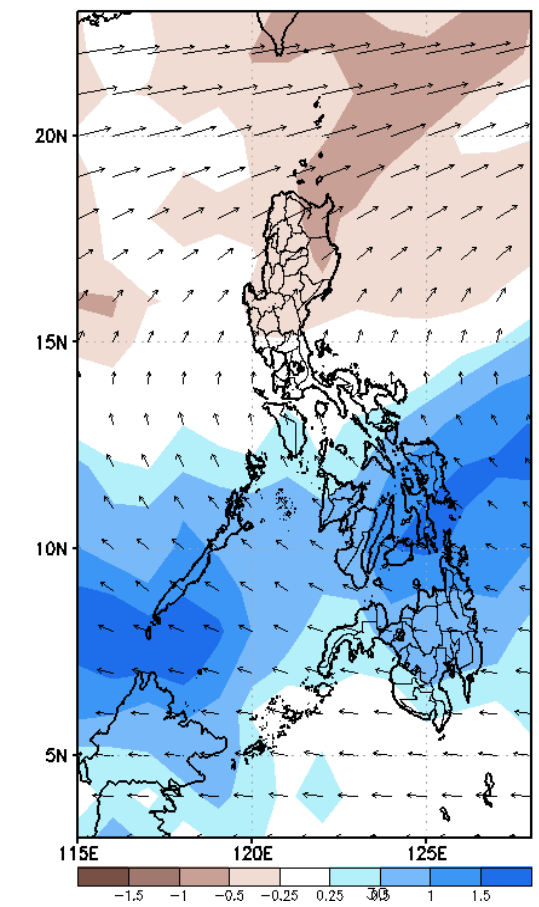
GEFS Week-1 850-hPa Divergence and Wind Anomaly
Valid: 20221221 - 20221227



GEFS Week-1 700-hPa Divergence and Wind Anomaly
Valid: 20221221 - 20221227



GEFS Week-1 200-hPa Divergence and Wind Anomaly
Valid: 20221221 - 20221227

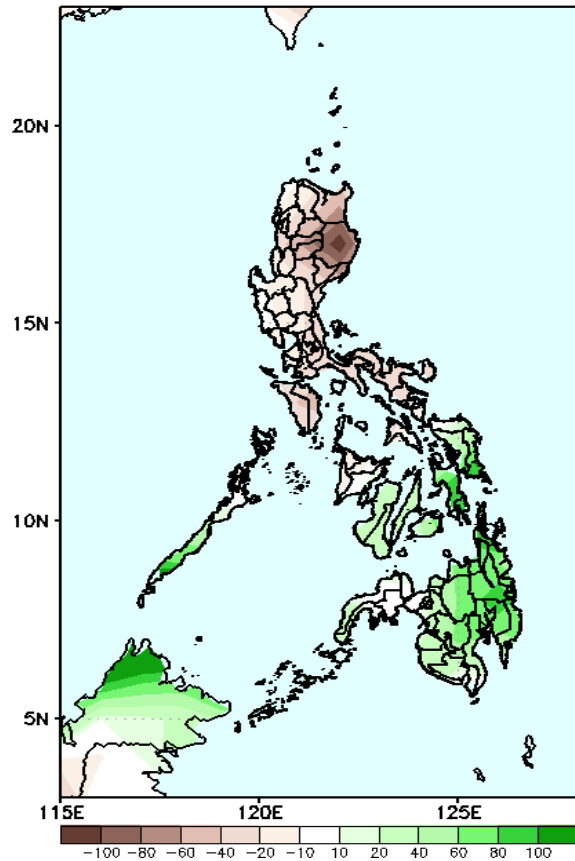


Northeast monsoon affecting most parts of Luzon and Eastern Visayas. Easterlies affecting Mindanao during the forecast period.

Precipitation Anomaly and Exceedance Probability > 25/50 mm

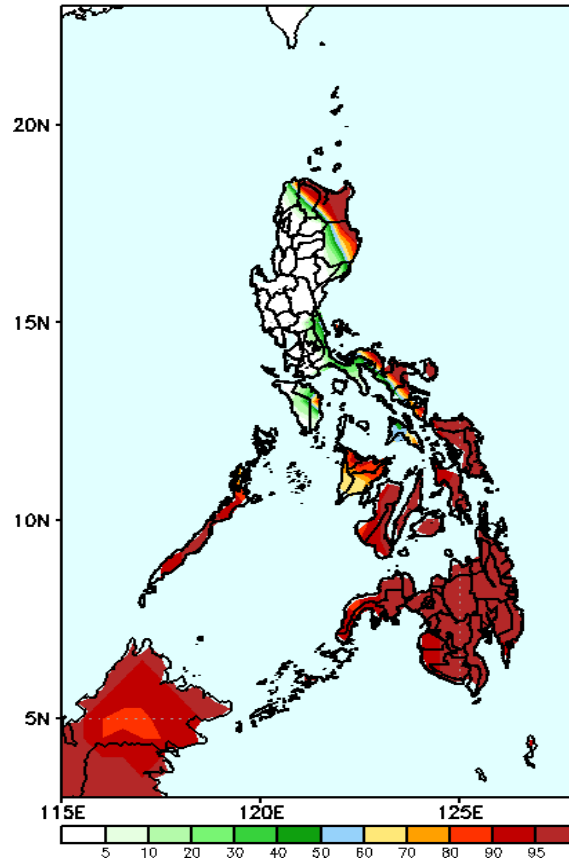
Week 1: Dec 21-27, 2022

GEFS Week-1 Precip Anomaly
Valid: 20221221 - 20221227



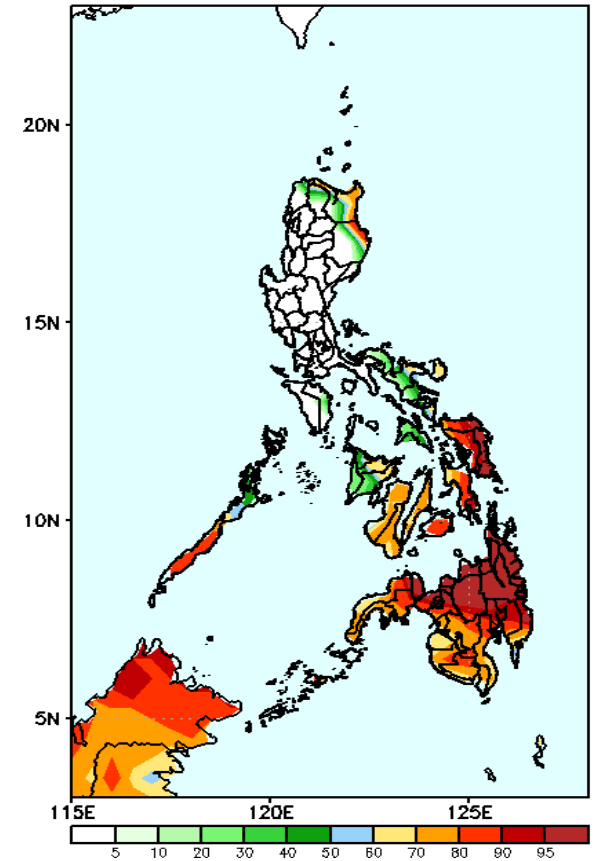
Rainfall deficit of 60-80mm in most parts of Luzon except Palawan while 80-100mm increase of rainfall for the rest of the country during the forecast period.

GEFS Week-1 Exceedance Prob. > 25mm
Valid: 20221221 - 20221227



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

GEFS Week-1 Exceedance Prob. > 50mm
Valid: 20221221 - 20221227

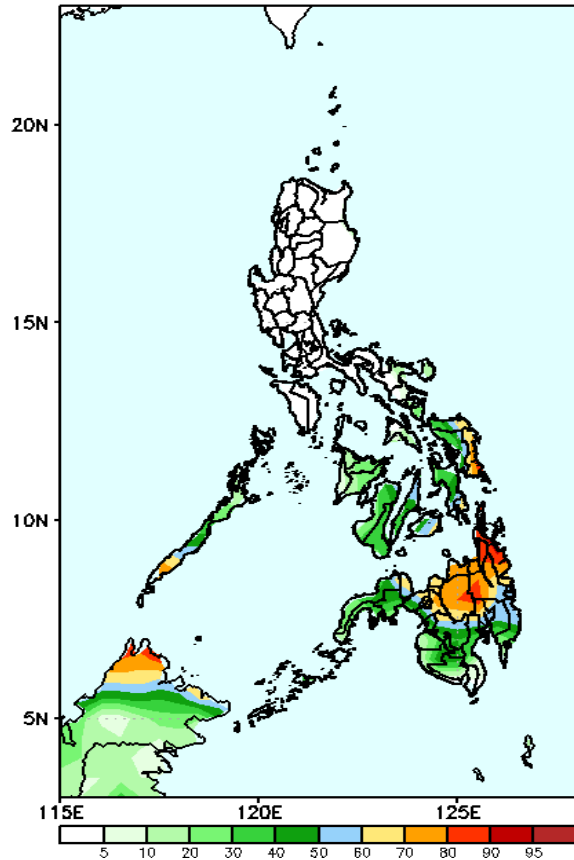


High probability of rainfall to exceed 50mm in the eastern sections of Cagayan and Isabela, Catanduanes, most parts of Eastern and Central Visayas, Capiz, Negros Island and most parts of Mindanao while less likely for the rest of the country during the forecast period.

Exceedance Probability > 100/150/200 mm

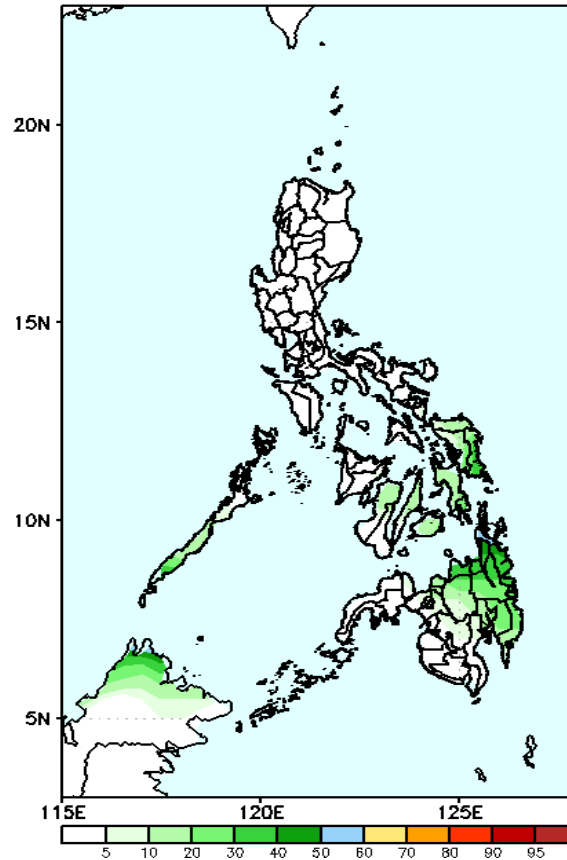
Week 1: Dec 21-27, 2022

GEFS Week-1 Exceedance Prob. > 100mm
Valid: 20221221 - 20221227



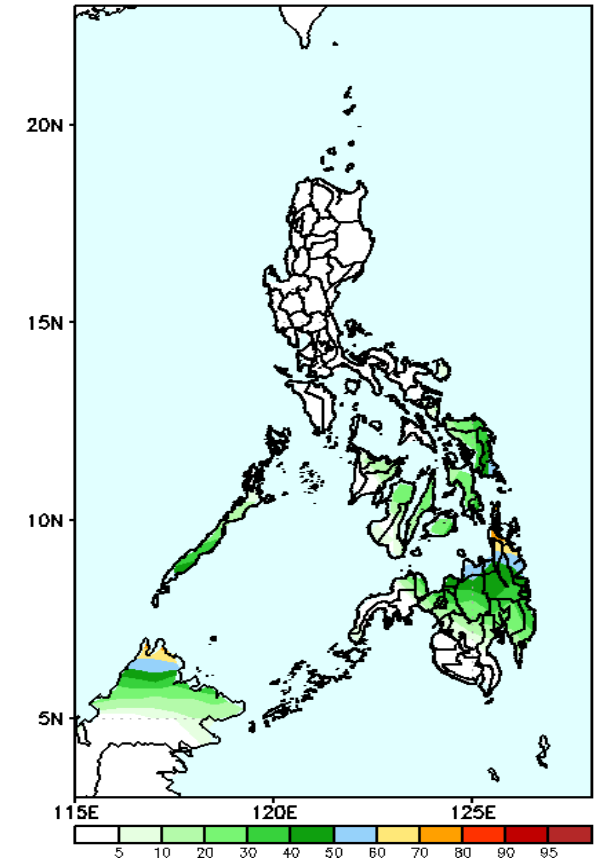
High probability of rainfall to exceed 100mm in Eastern Samar and most parts of CARAGA and Northern Mindanao while less likely for the rest of the country during the forecast period.

GEFS Week-1 Exceedance Prob. > 200mm
Valid: 20221221 - 20221227



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

GEFS Week-1 Exceedance Prob. > 150mm
Valid: 20221221 - 20221227

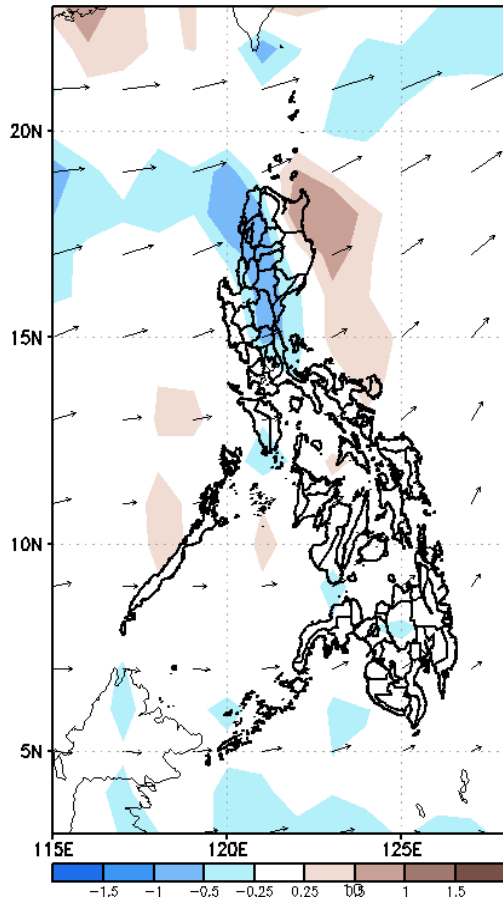


Low probability of rainfall to exceed 200mm in most parts of the country during the forecast period.

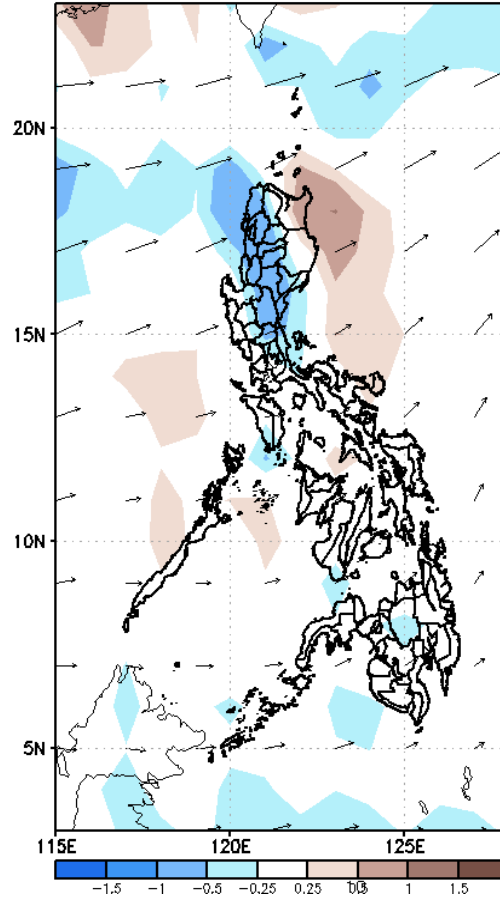
GEFS Week-2 Forecasts: Wind Anomaly Forecast

Week 2: Dec 28- Jan 03, 2022

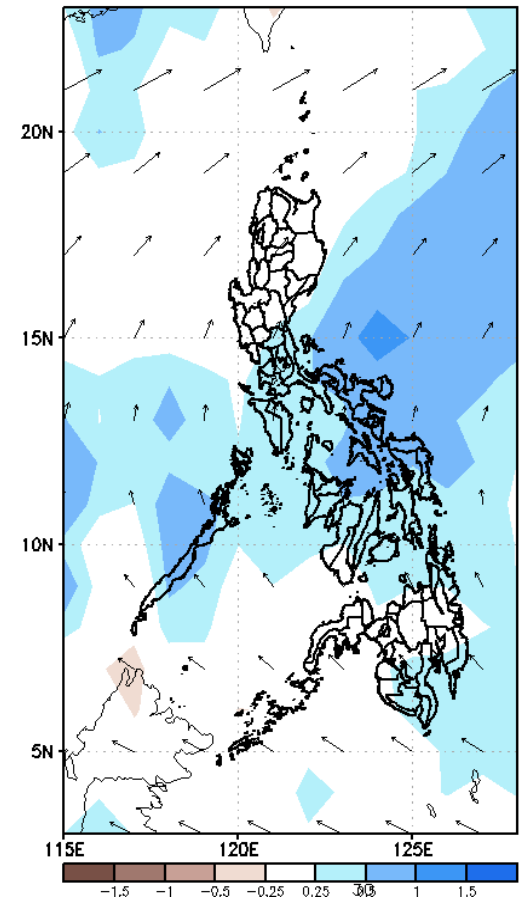
GEFS Week-2 850-hPa Divergence and Wind Anomaly
Valid: 20221228 - 20230103



GEFS Week-2 700-hPa Divergence and Wind Anomaly
Valid: 20221228 - 20230103



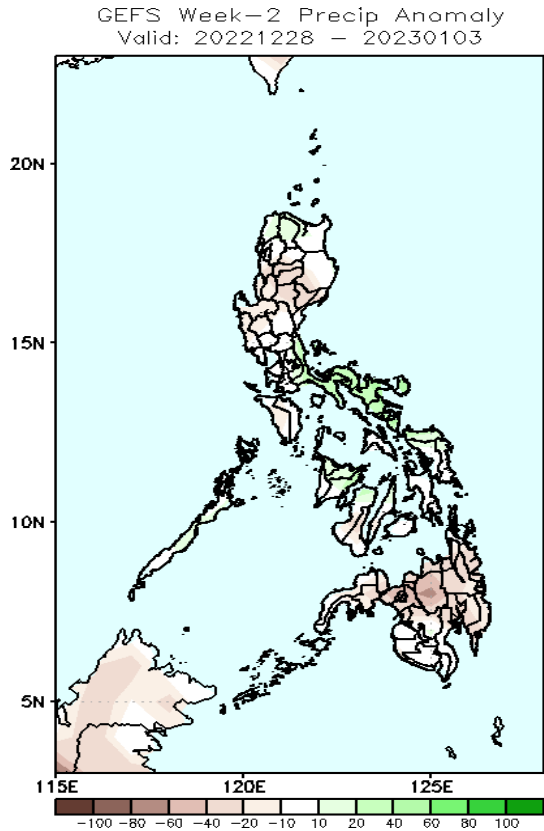
GEFS week-2 200-hPa Divergence and Wind Anomaly
Valid: 20221228 - 20230103



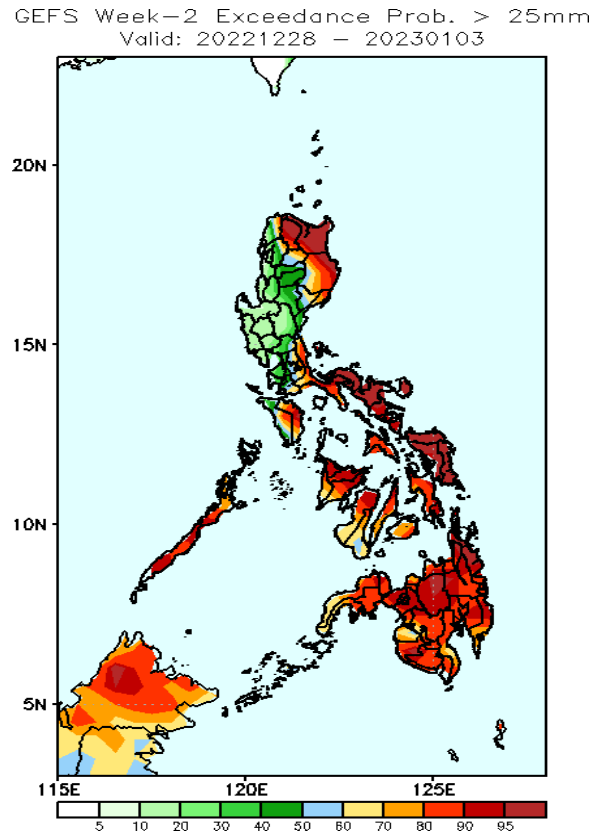
Northeast monsoon is forecasted to affect Northern Luzon. Easterlies affecting the rest of the country during the forecast period.

Precipitation Anomaly and Exceedance Probability > 25/50 mm

Week 2: Dec 28- Jan 03, 2022

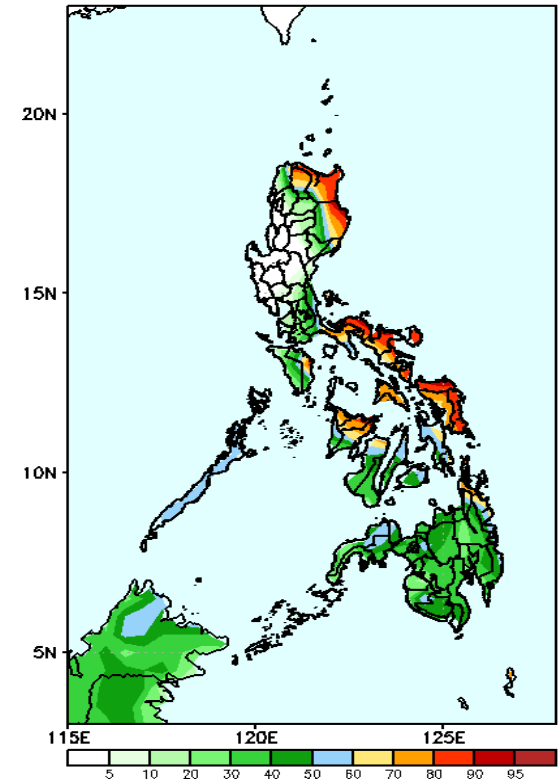


Rainfall increase of 20 – 40mm in most parts of Bicol Region, Palawan and eastern & central Visayas while deficit of 40-60mm is expected for the rest of the country during the forecast period.



High probability of rainfall to exceed 25mm in Apayao, Eastern and Southern Luzon 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: 20221228 - 20230103

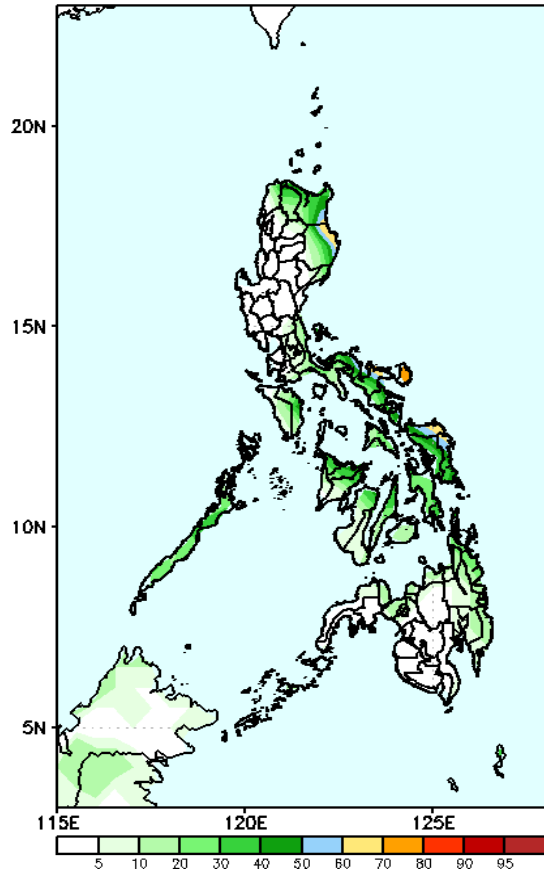


High probability of rainfall to exceed 50mm in Apayao, Cagayan, Isabela, Bicol region, Samar provinces, some areas in Western Visayas and Surigao del Norte while less likely for the rest of the country during the forecast period.

Exceedance Probability > 100/150/200 mm

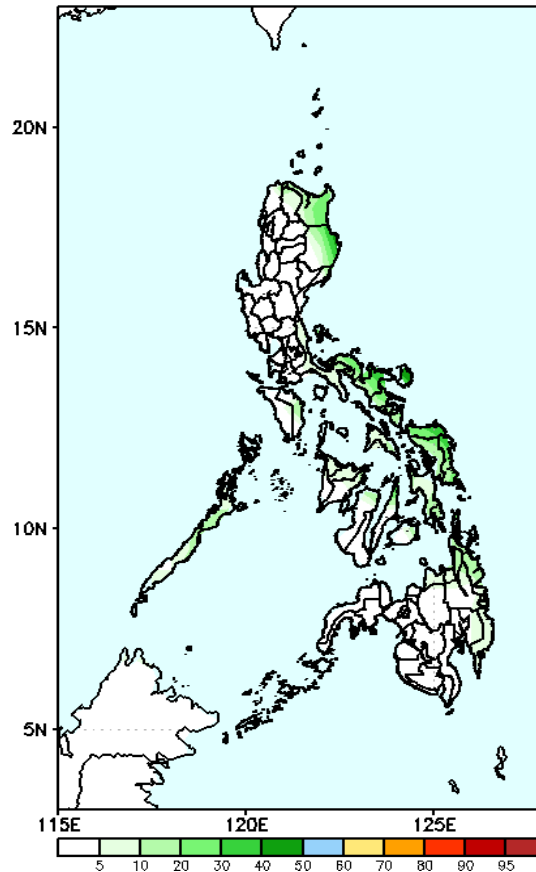
Week 2: Dec 28- Jan 03, 2022

GEFS Week-2 Exceedance Prob. > 100mm
Valid: 20221228 - 20230103



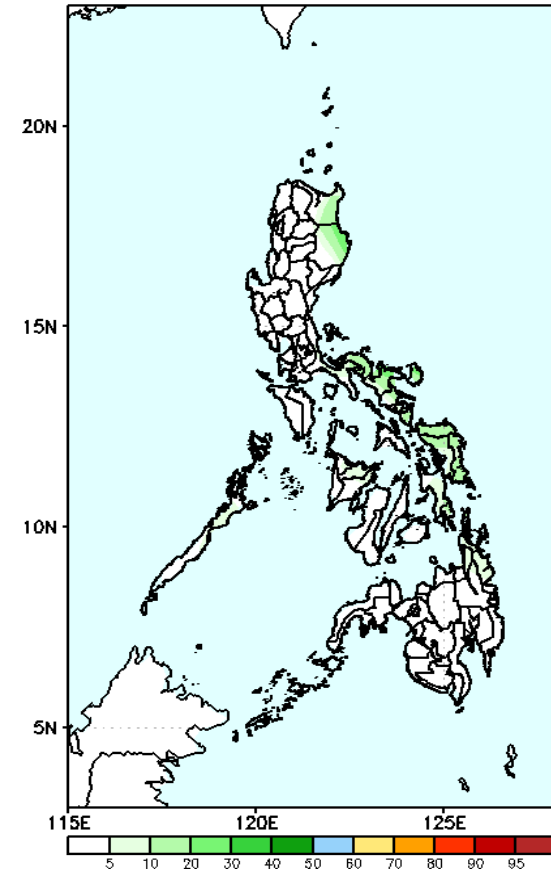
Low probability of rainfall to exceed 100mm in most parts of the country except Northern and Eastern Samar during the forecast period.

GEFS Week-2 Exceedance Prob. > 150mm
Valid: 20221228 - 20230103



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

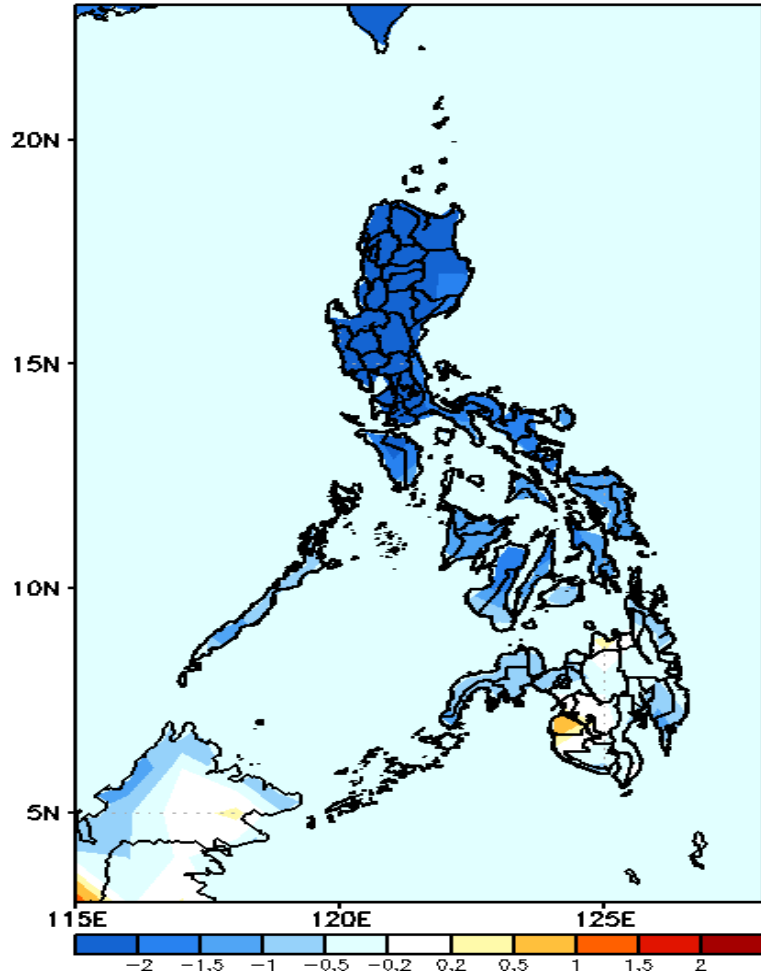
GEFS Week-2 Exceedance Prob. > 200mm
Valid: 20221228 - 20230103



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

GEFS Week-1 & 2 Forecasts: T2m Anomaly

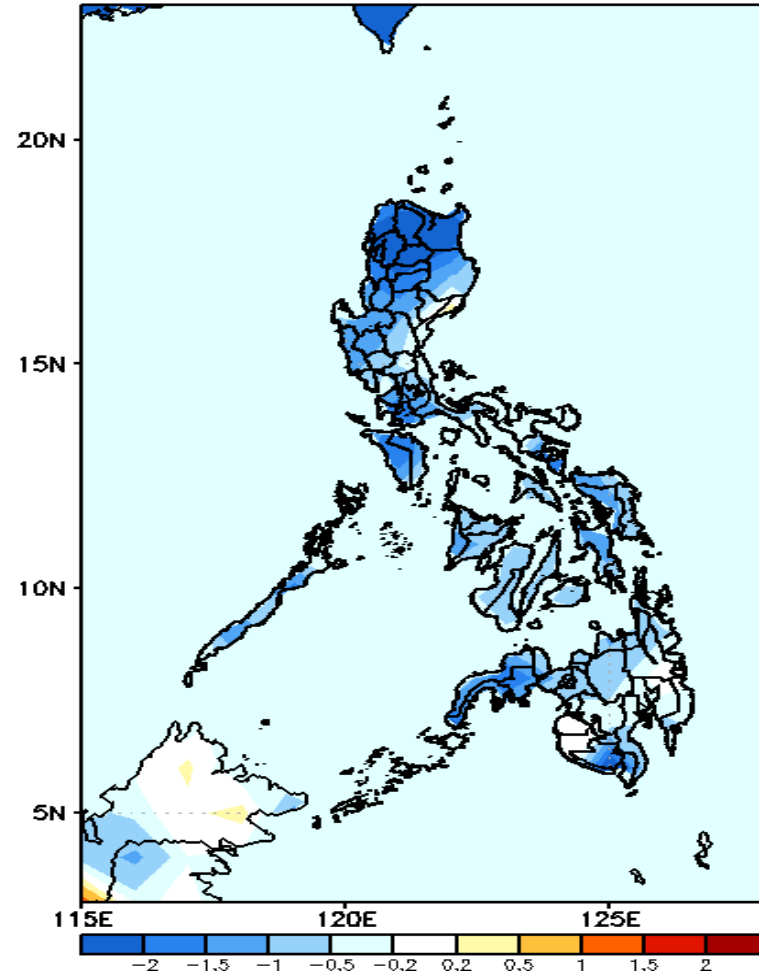
GEFS Week-1 T2m Anomaly
Valid: 20221221 - 20221227



2m Temperature Week 1: Dec 21-26, 2022

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

GEFS Week-2 T2m Anomaly
Valid: 20221228 - 20230103



2m Temperature Week 2: Dec 28- Jan 03, 2023

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