

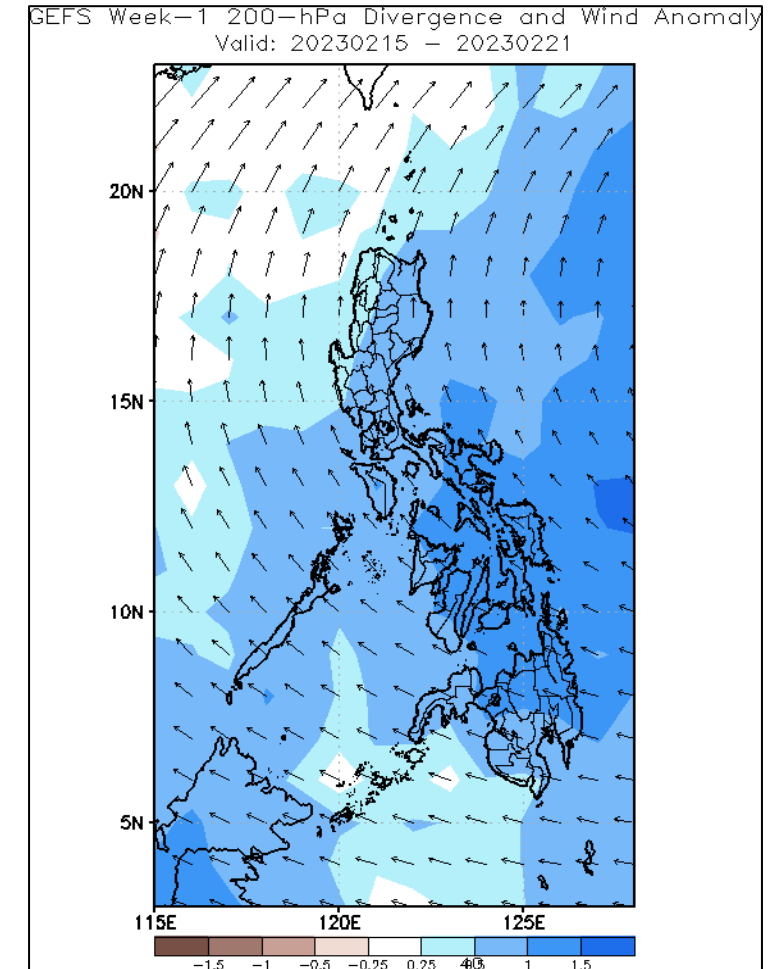
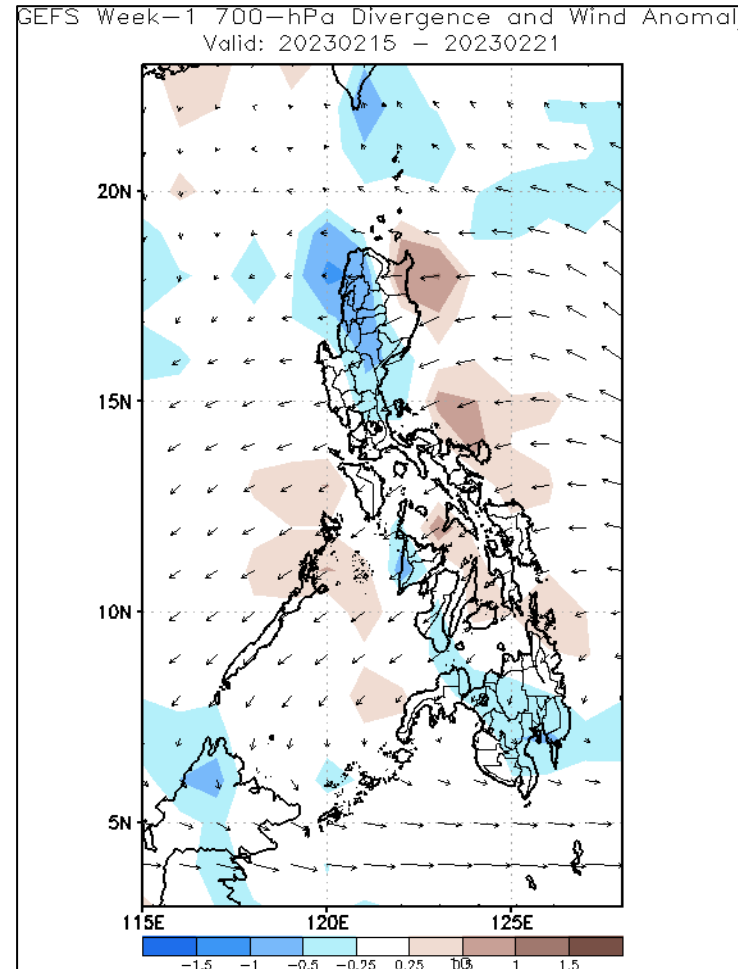
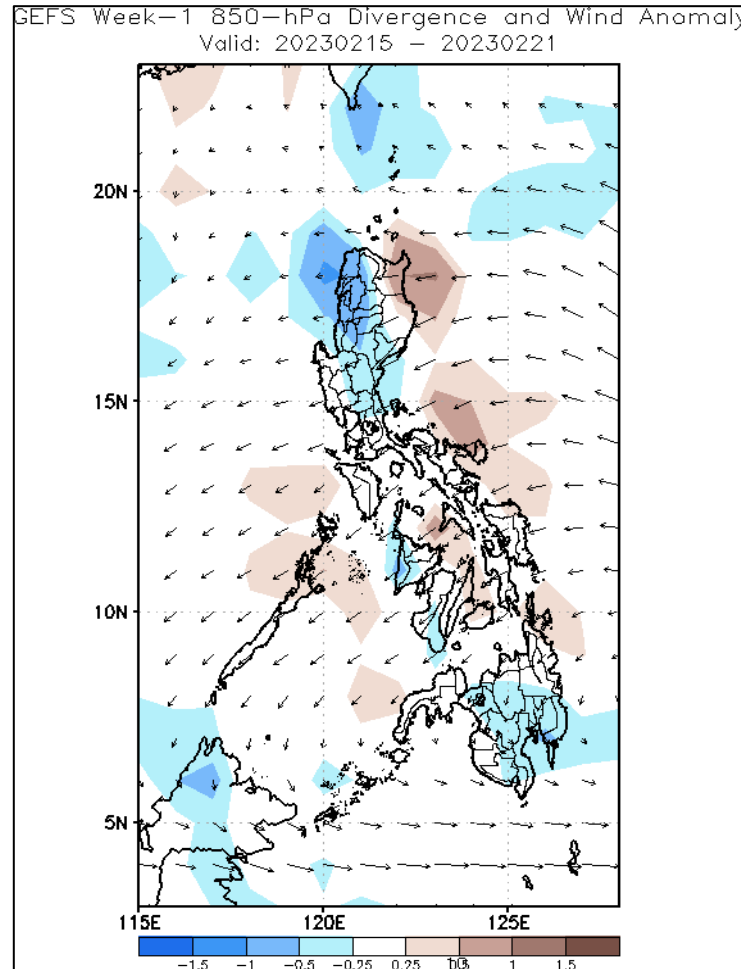


Week 1 & Week 2 Forecast for the Philippines using GEFS Model



GEFS Week-1 Forecasts: Wind Anomaly Forecast

Week 1: Feb 13-19, 2023

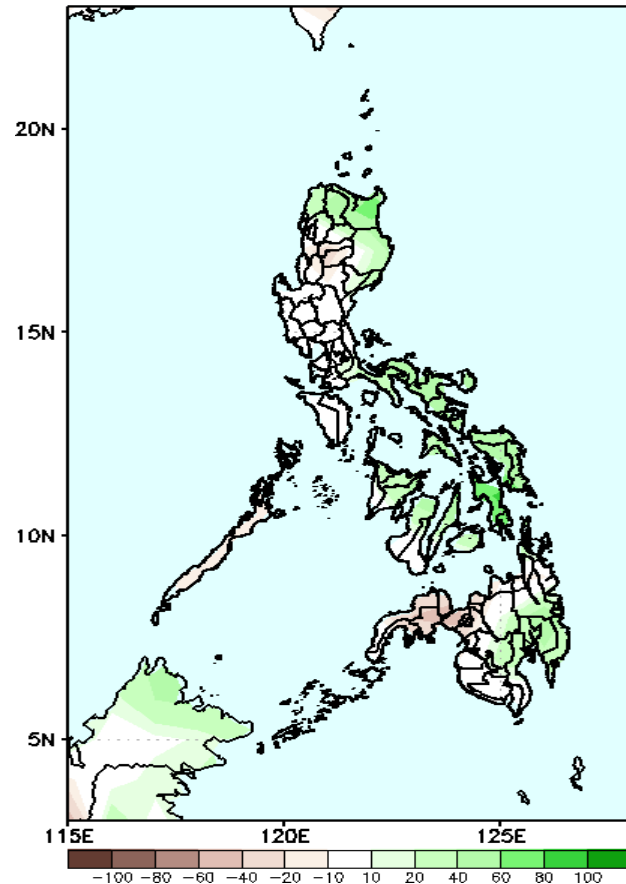


Northeast Monsoon is forecasted to affect most parts of Eastern Luzon while Easterlies is forecasted to affect the rest of the country during the forecast period.

Precipitation Anomaly and Exceedance Probability > 25/50 mm

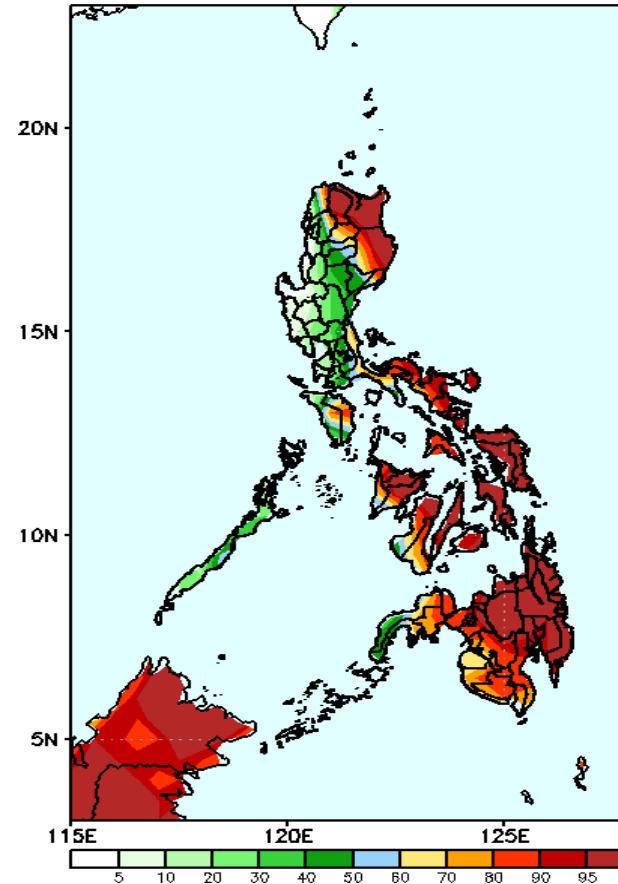
Week 1: Feb 13-19, 2023

GEFS Week-1 Precip Anomaly
Valid: 20230215 - 20230221



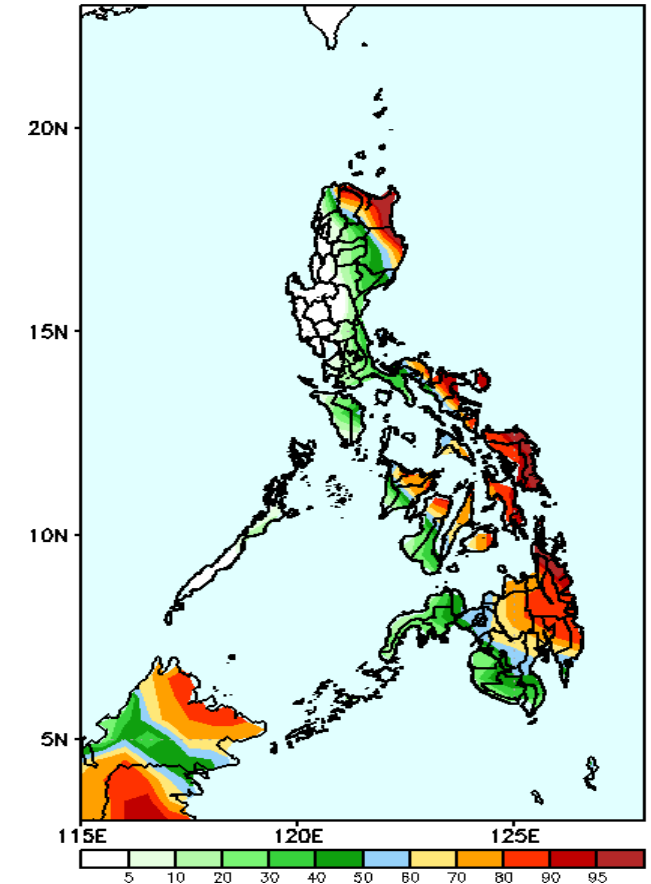
Increase of rainfall of more than 60 - 100mm is expected in Ilocos Norte, Apayao, Kalinga, Cagayan Valley, Quezon, Bicol Region, Visayas and Davao Region while 10-20mm rainfall deficit in the remaining parts of CAR, Lanao provinces and Zamboanga Peninsula during the forecast period.

GEFS Week-1 Exceedance Prob. > 25mm
Valid: 20230215 - 20230221



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

GEFS Week-1 Exceedance Prob. > 50mm
Valid: 20230215 - 20230221

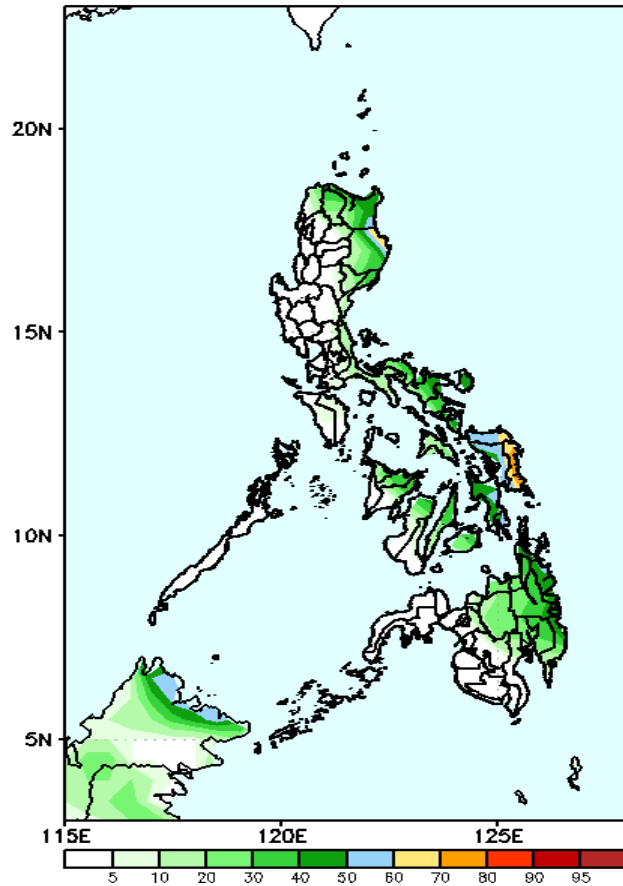


High to very high probability of rainfall to exceed 50mm in Cagayan, Apayao, some parts of Isabela, Bicol Region, northern portion of Central and Western Visayas and most parts of Mindanao while less likely for the rest of the country during the forecast period.

Exceedance Probability > 100/150/200 mm

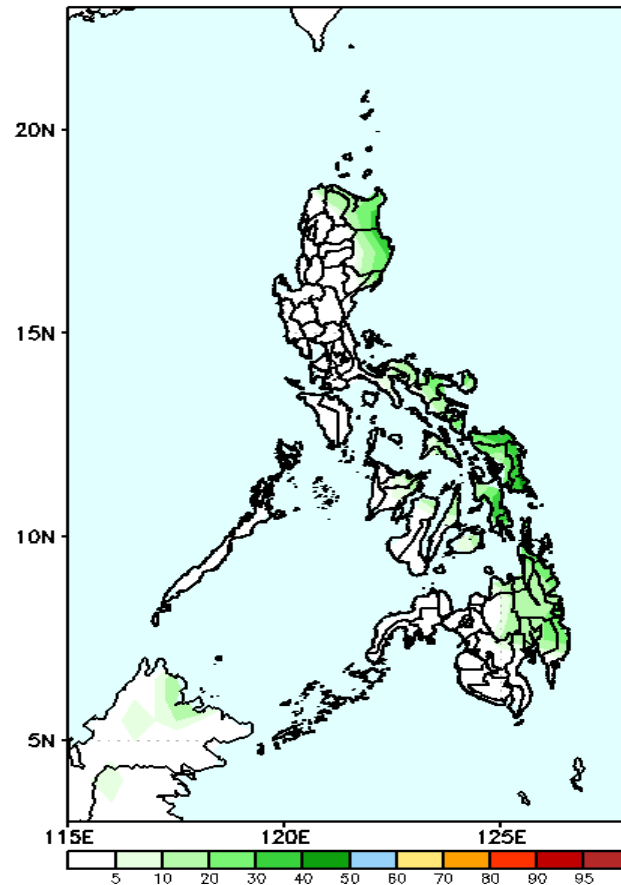
Week 1: Feb 13-19, 2023

GEFS Week-1 Exceedance Prob. > 100mm
Valid: 20230215 – 20230221



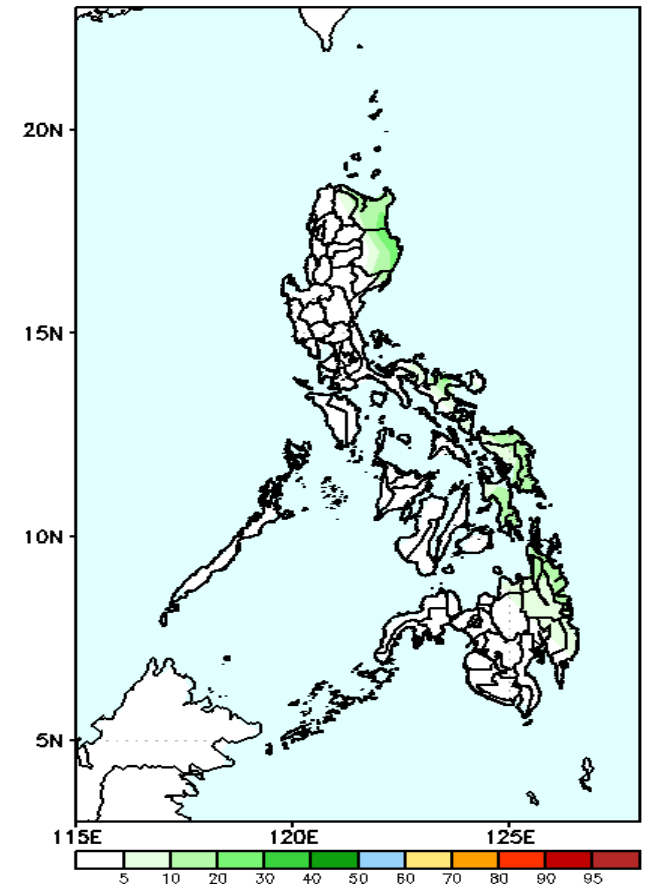
50 – 70% probability of rainfall to exceed 100mm in Samar provinces while less likely for the rest of the country during the forecast period.

GEFS Week-1 Exceedance Prob. > 150mm
Valid: 20230215 – 20230221



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

GEFS Week-1 Exceedance Prob. > 200mm
Valid: 20230215 – 20230221

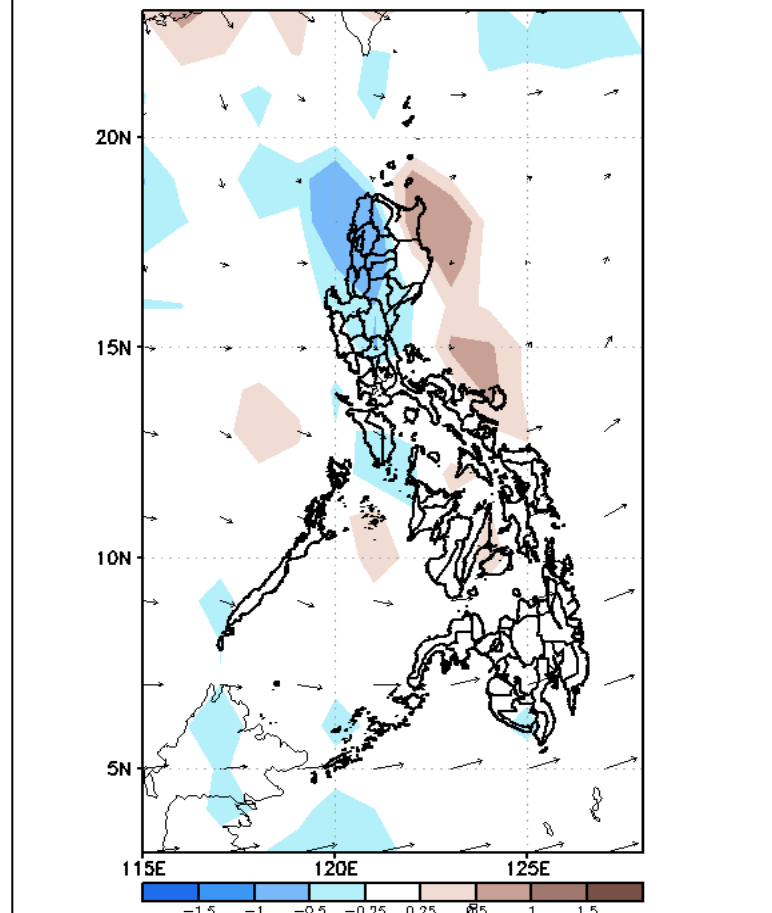


Low probability of rainfall to exceed 200mm in most parts of the country during the forecast period.

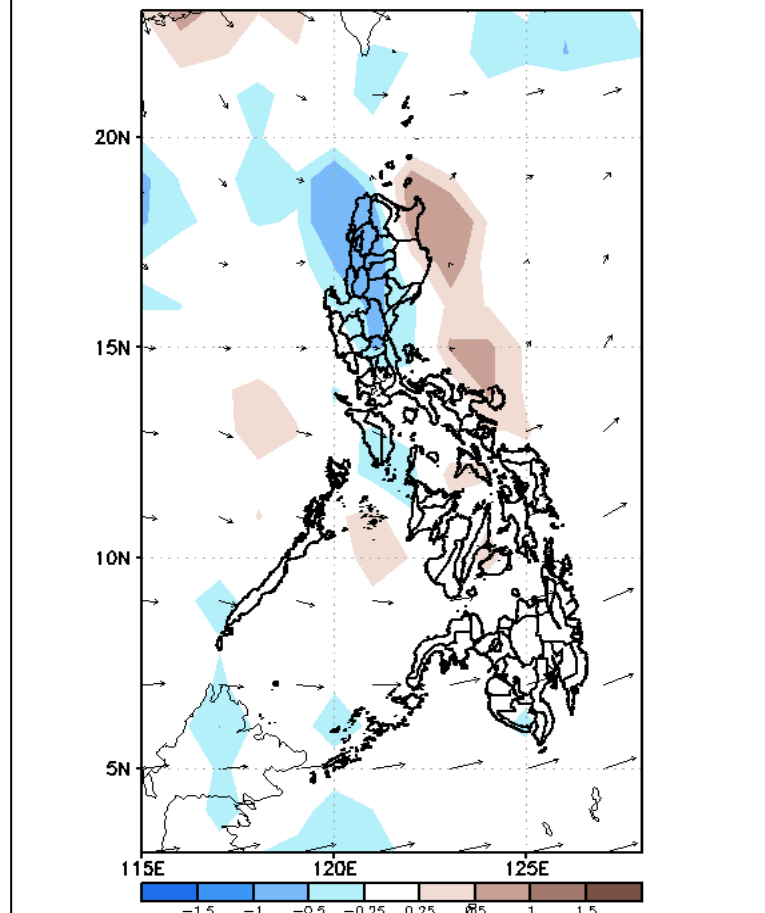
GEFS Week-2 Forecasts: Wind Anomaly Forecast

Week 2 : Feb 20-26, 2023

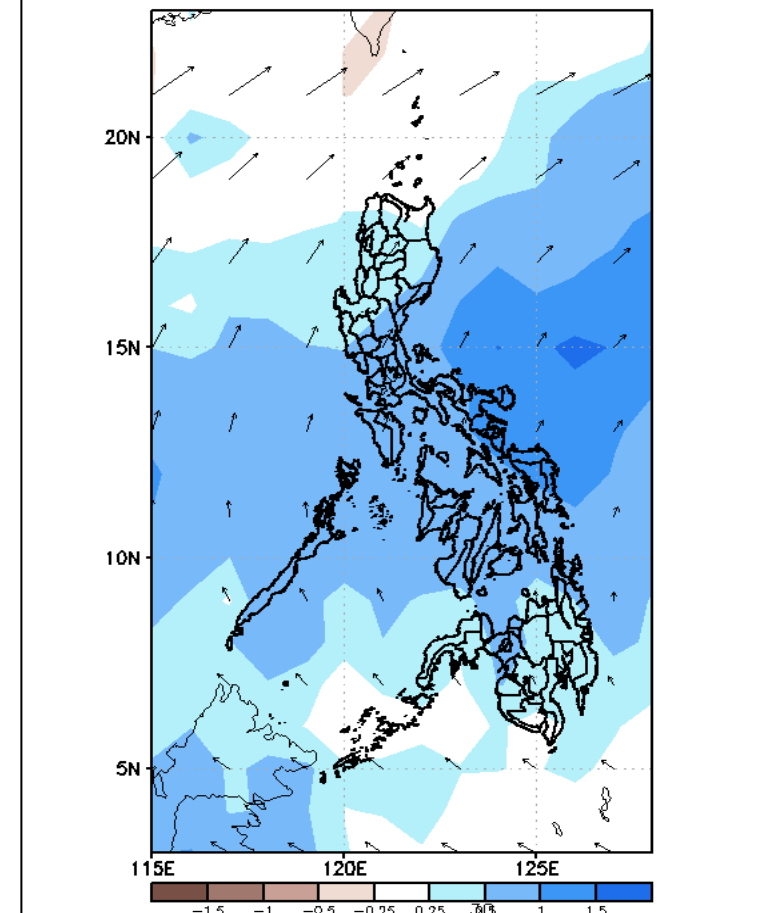
GEFS Week-2 850-hPa Divergence and Wind Anomaly
Valid: 20230222 - 20230228



GEFS Week-2 700-hPa Divergence and Wind Anomaly
Valid: 20230222 - 20230228



GEFS week-2 200-hPa Divergence and Wind Anomaly
Valid: 20230222 - 20230228

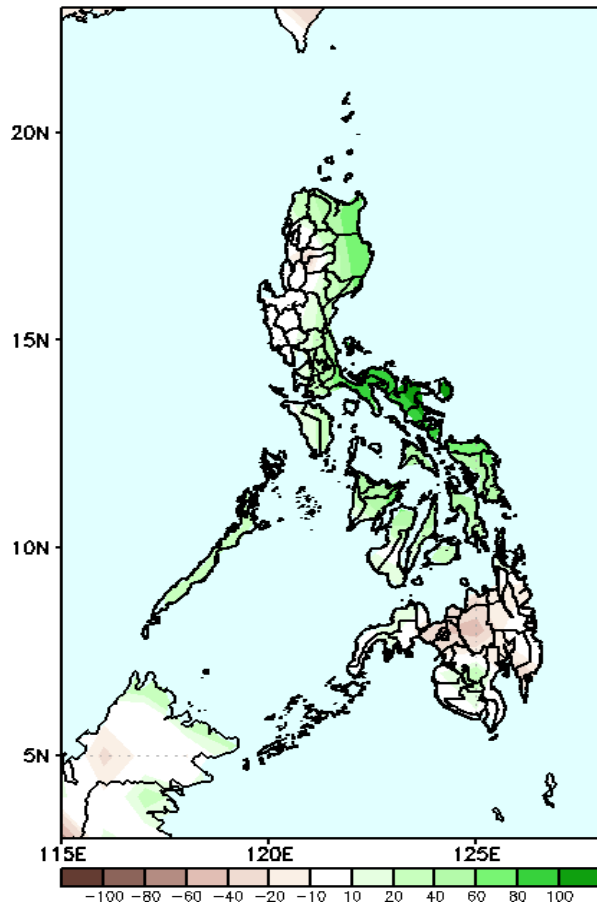


Northeast Monsoon is forecasted to affect Northern Luzon while Easterlies is forecasted to affect the rest of the country during the forecast period.

Precipitation Anomaly and Exceedance Probability > 25/50 mm

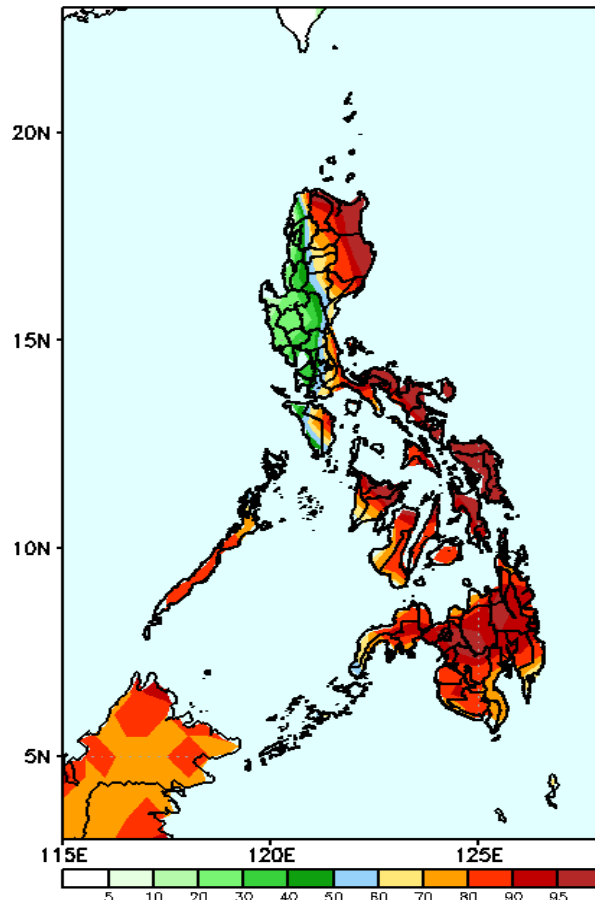
Week 2: : Feb 20-26, 2023

GEFS Week-2 Precip. Anomaly
Valid: 20230222 - 20230228



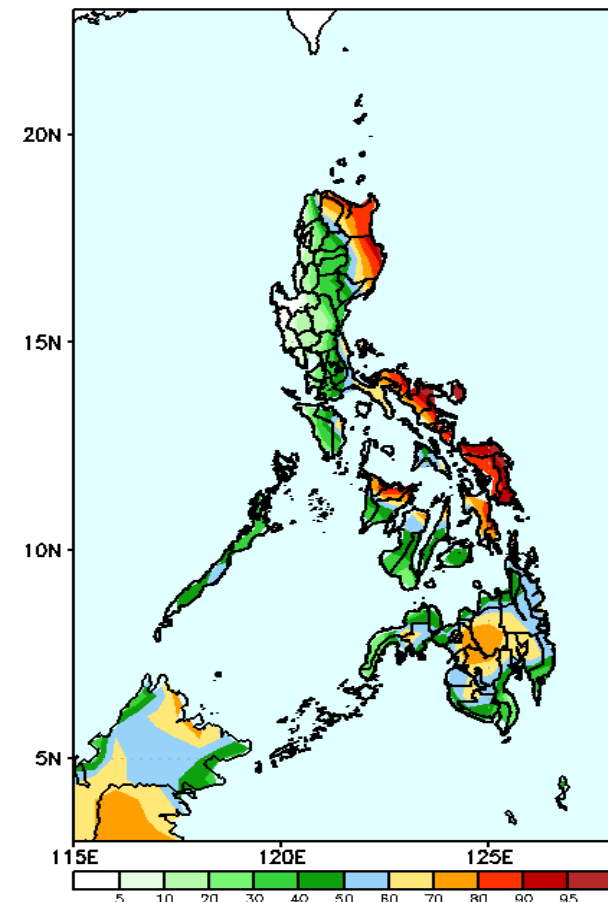
Increase of rainfall of 50-100mm is expected in most parts of Luzon and Visayas while rainfall deficit of 20-60mm in Northern and eastern Mindanao will be likely during the forecast period.

GEFS Week-2 Exceedance Prob. > 25mm
Valid: 20230222 - 20230228



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

GEFS Week-2 Exceedance Prob. > 50mm
Valid: 20230222 - 20230228

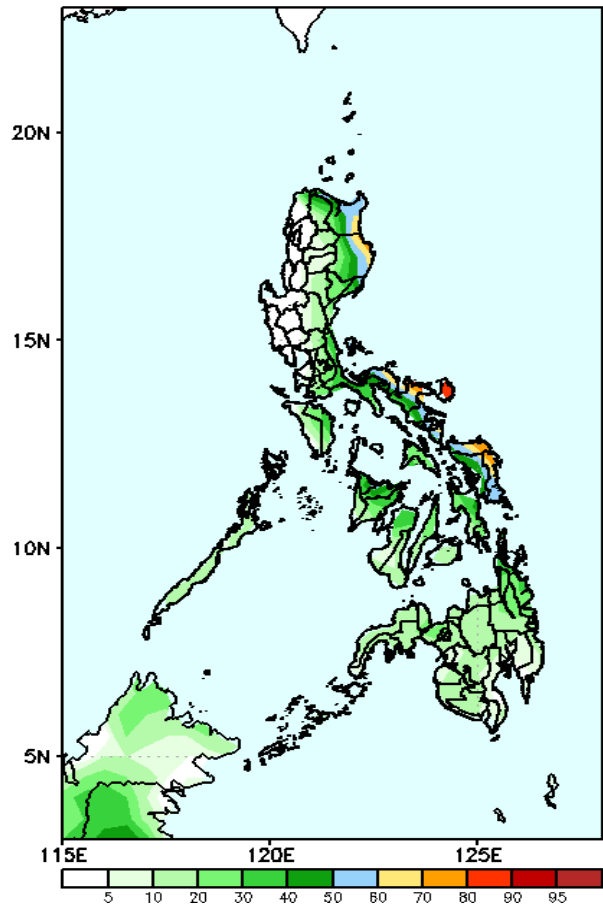


High to very high probability of rainfall to exceed 50mm in Cagayan, Apayao, some parts of Isabela, Bicol Region, northern portion of Central and Western Visayas and most parts of eastern and central Mindanao while less likely for the rest of the country during the forecast period.

Exceedance Probability > 100/150/200 mm

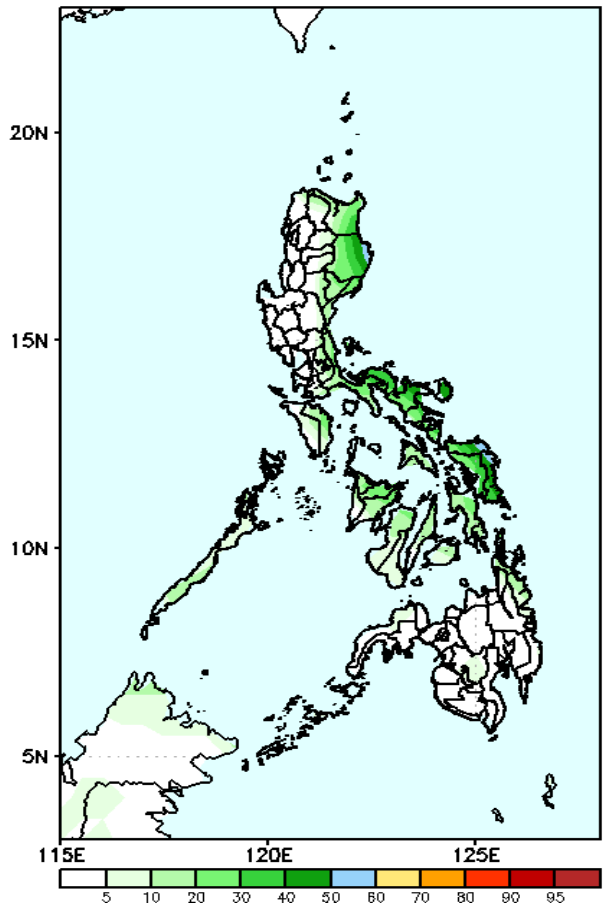
Week 2: Feb 20-26, 2023

GEFS Week-2 Exceedance Prob. > 100mm
Valid: 20230222 – 20230228



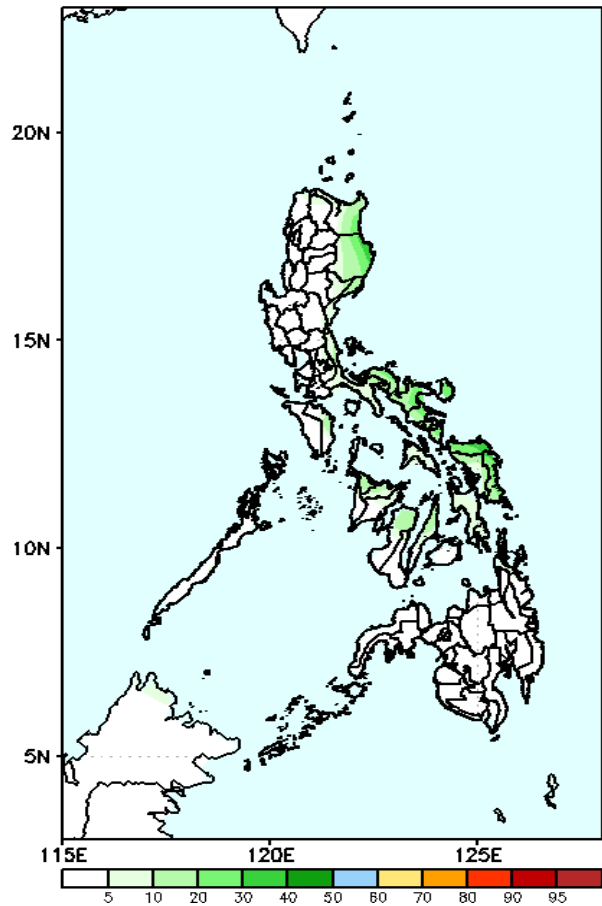
50 – 70% probability of rainfall to exceed 100mm in some parts of Cagayan, Isabela, Bicol Region and Samar provinces while less likely for the rest of the country during the forecast period.

GEFS Week-2 Exceedance Prob. > 150mm
Valid: 20230222 – 20230228

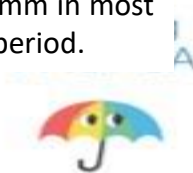


Low probability of rainfall to exceed 150mm in most parts of the country during the forecast period.

GEFS Week-2 Exceedance Prob. > 200mm
Valid: 20230222 – 20230228

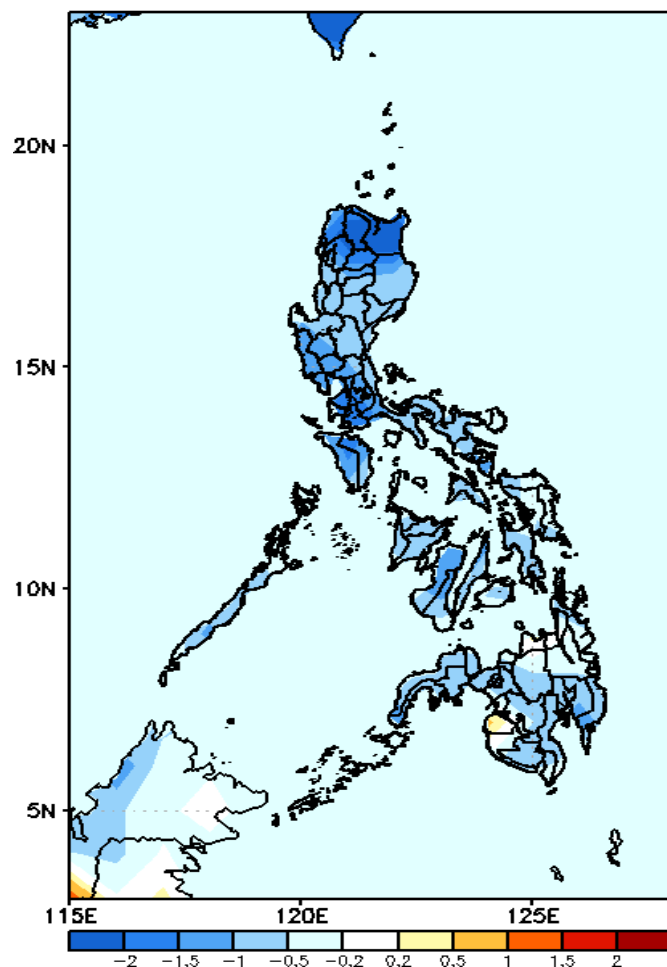


Low probability of rainfall to exceed 200mm in most parts of the country during the forecast period.



GEFS Week-1 & 2 Forecasts: T2m Anomaly

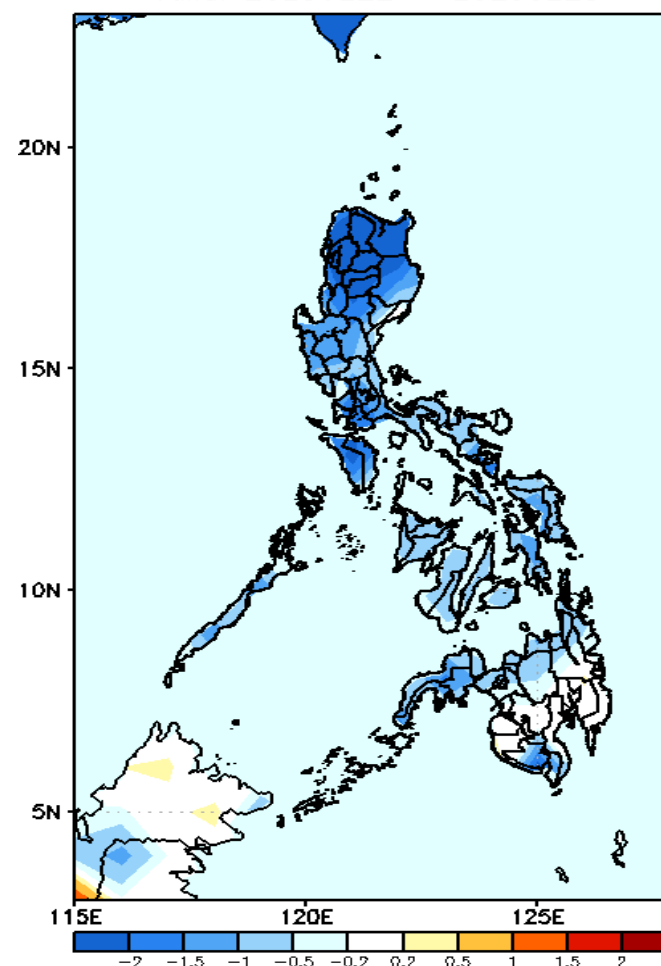
GEFS Week-1 T2m Anomaly
Valid: 20230215 – 20230221



2m Temperature Week 1: Feb 15-21, 2023

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

GEFS Week-2 T2m Anomaly
Valid: 20230222 – 20230228



2m Temperature Week 2: Feb 22-28, 2023

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