



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



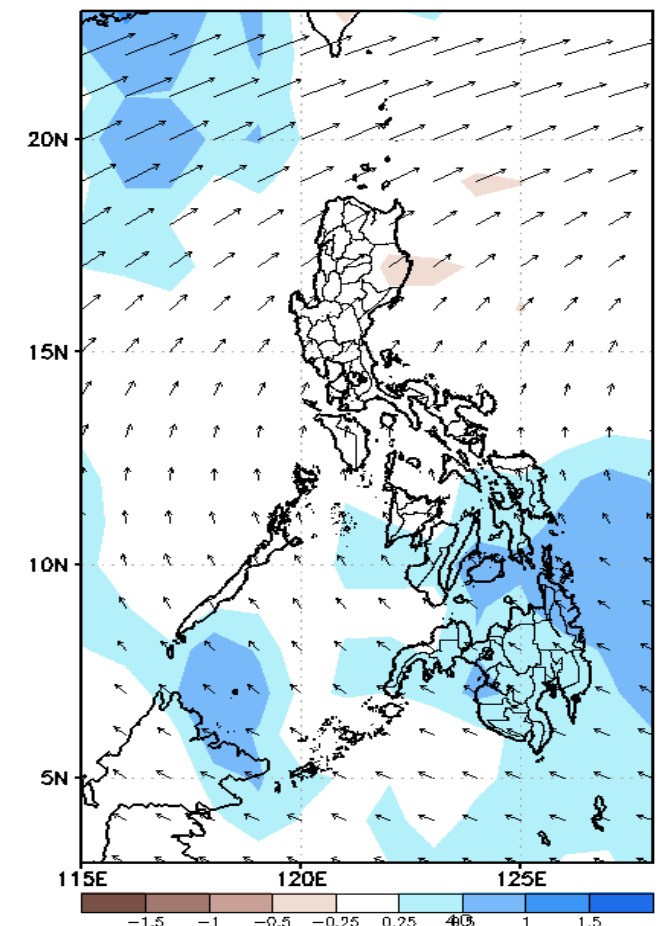
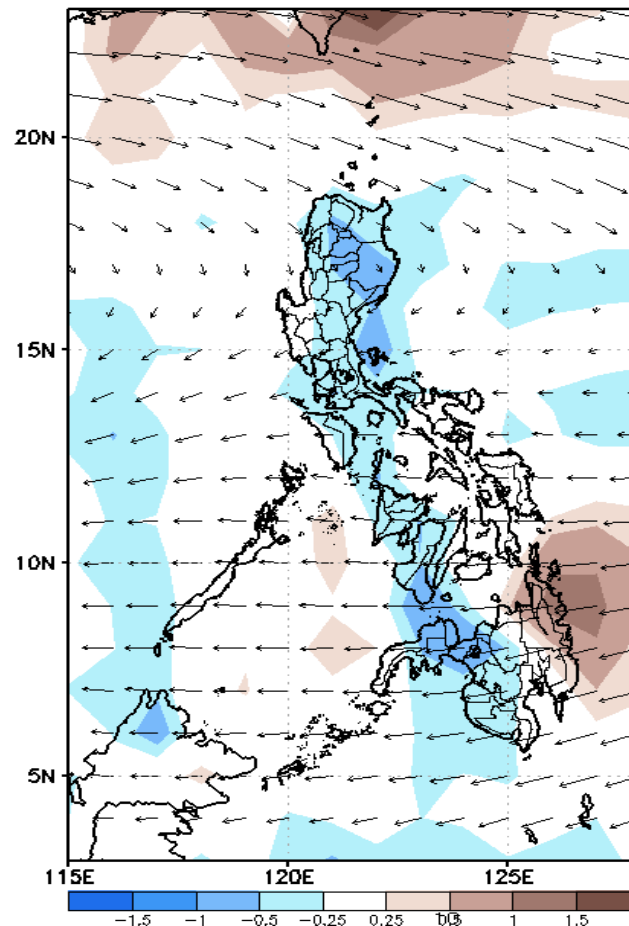
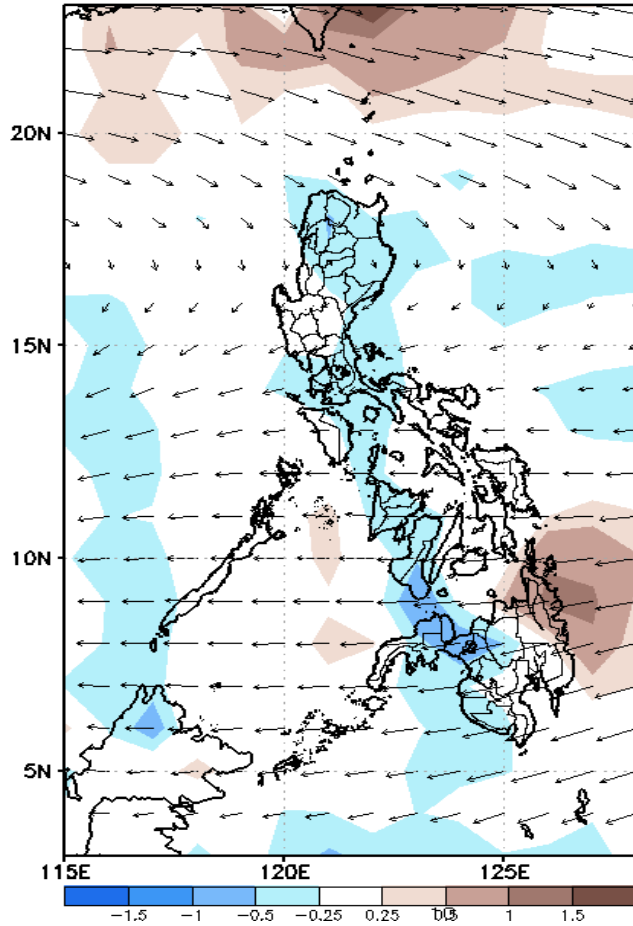
GEFS Week-1 Forecasts: Divergence & Wind Anomaly

Week 1: Jan 12-18, 2022

GEFS Week-1 850-hPa Divergence and Wind Anom
Valid: 20220112 - 20220118

GEFS Week-1 700-hPa Divergence and Wind Anom
Valid: 20220112 - 20220118

GEFS Week-1 200-hPa Divergence and Wind Anom
Valid: 20220112 - 20220118

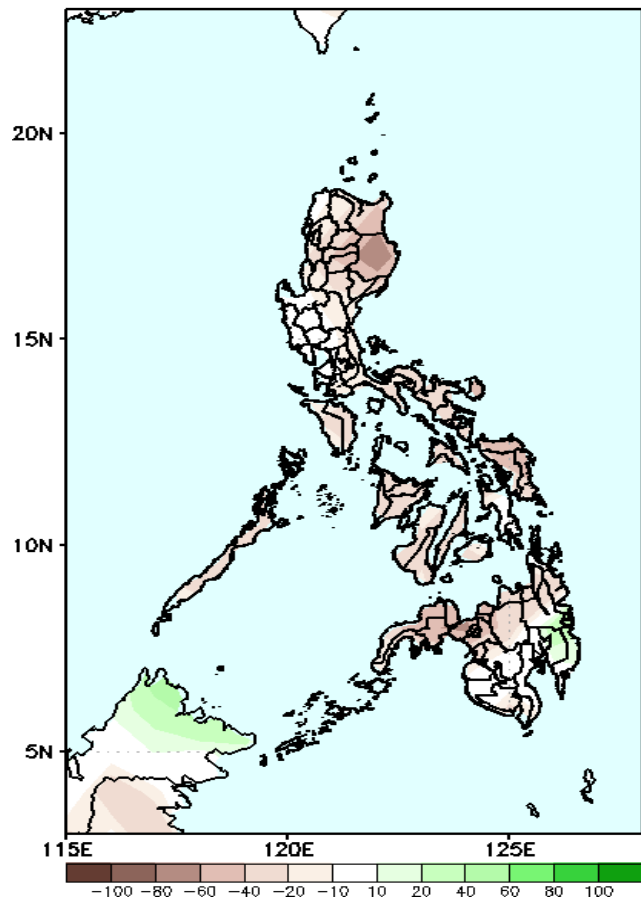


Upper and low level Divergence suggest a likelihood of light to moderate precipitation in most parts of Visayas and the country. Northeast Monsoon affecting eastern sections of Luzon and Visayas while Easterlies affecting the rest of the country during the forecast period.

Precipitation Anomaly and Exceedance Probability > 25/50 mm

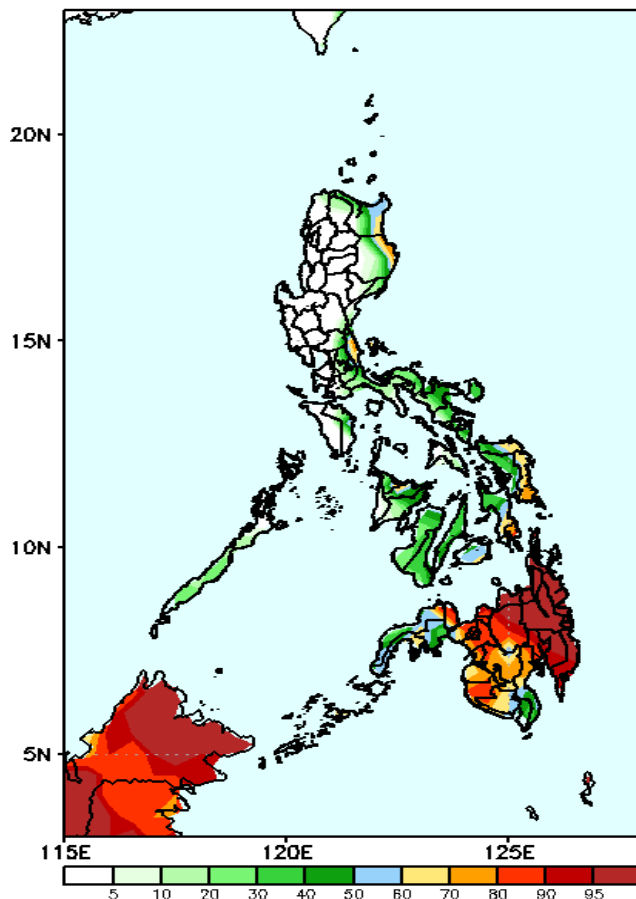
Week 1: Jan 12-18, 2022

GEFS Week-1 Precip Anomaly
Valid: 20220112 - 20220118



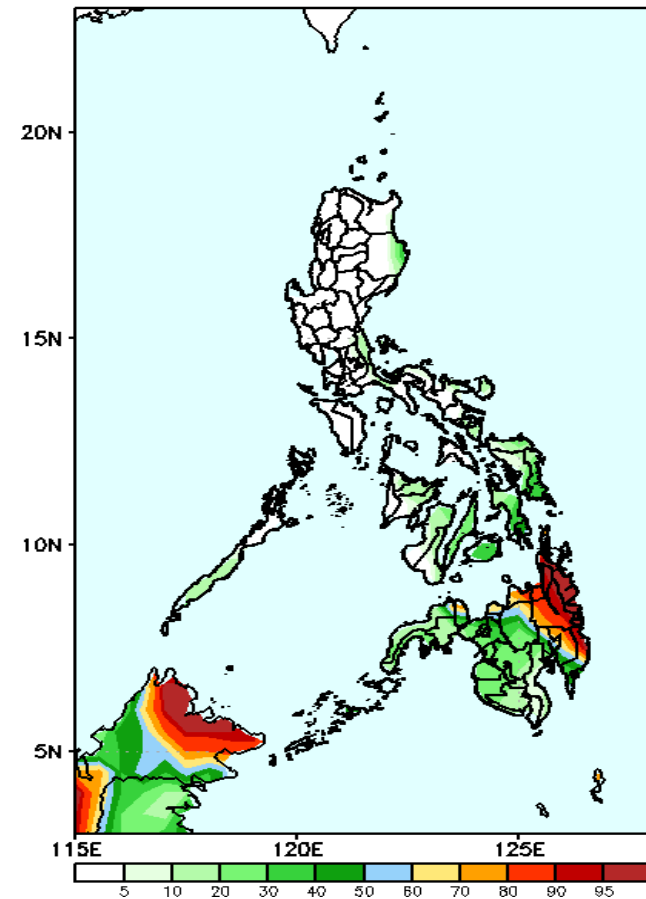
Rainfall deficit of 40-80mm is expected in most parts of the country during the forecast period.

GEFS Week-1 Exceedance Prob. > 25mm
Valid: 20220112 - 20220118



High probability of rainfall to exceed 25mm in some parts of Eastern Visayas and most parts of Mindanao while less likely for the rest of the country during the forecast period.

GEFS Week-1 Exceedance Prob. > 50mm
Valid: 20220112 - 20220118

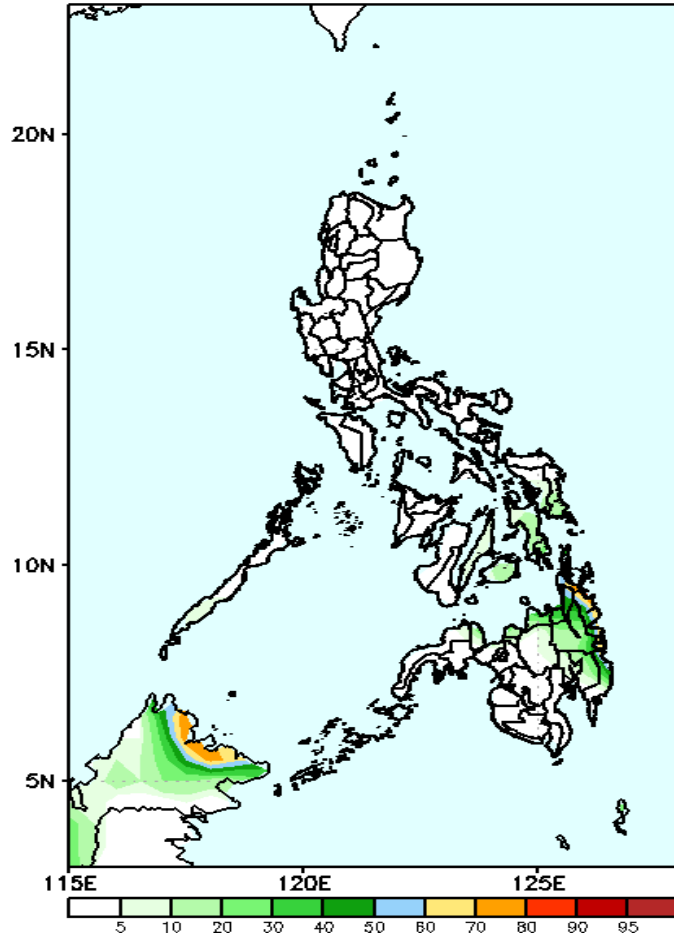


High probability of rainfall to exceed 50mm in most parts of CARAGA, Misamis Oriental and northern portion of Davao region while less likely for the rest of the country during the forecast period.

Exceedance Probability > 100/150/200 mm

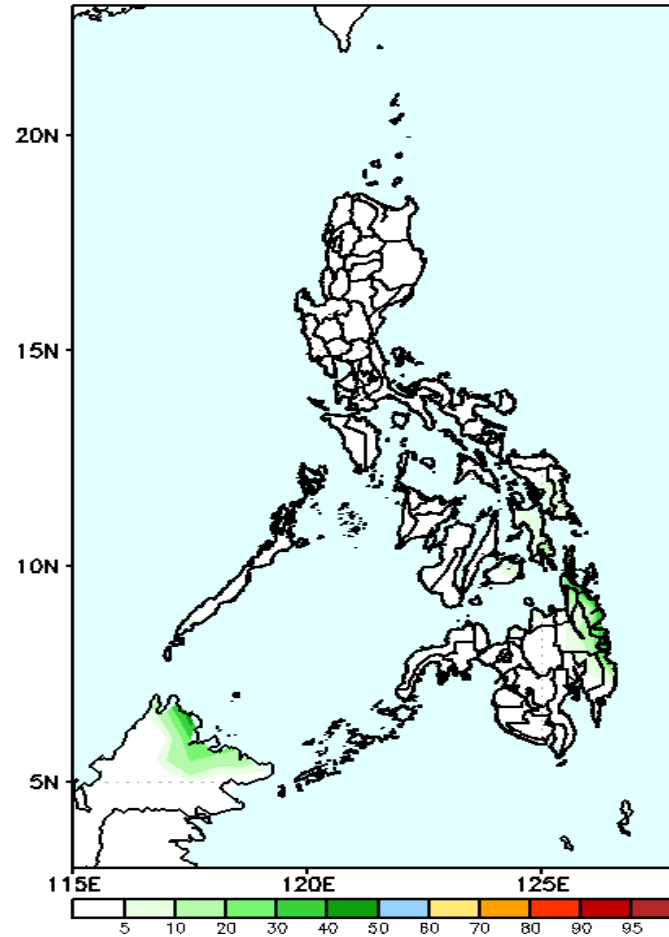
Week 1: Jan 12-18, 2022

GEFS Week-1 Exceedance Prob. > 100mm
Valid: 20220112 - 20220118



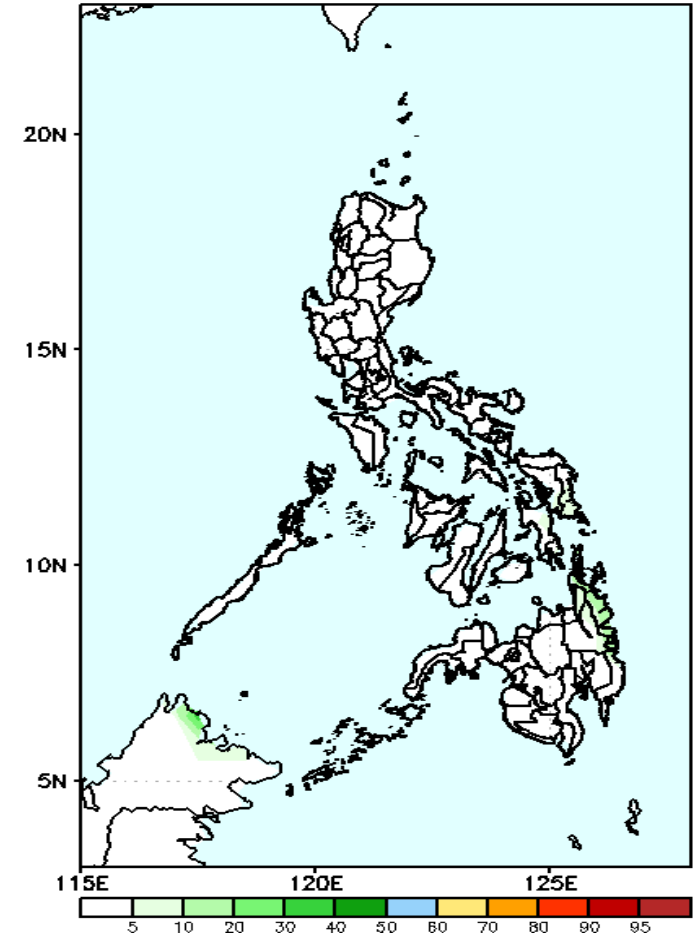
Less probability of rainfall to exceed 100mm in most parts of the country is expected during the forecast period.

GEFS Week-1 Exceedance Prob. > 150mm
Valid: 20220112 - 20220118



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

GEFS Week-1 Exceedance Prob. > 200mm
Valid: 20220112 - 20220118



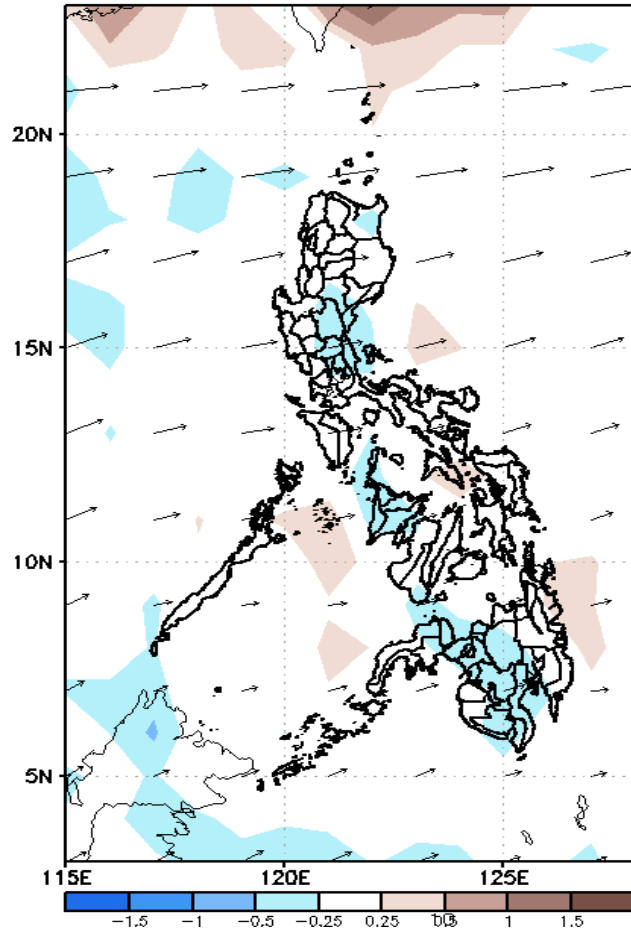
Less probability of rainfall to exceed 200mm in most parts of the country is expected during the forecast period.



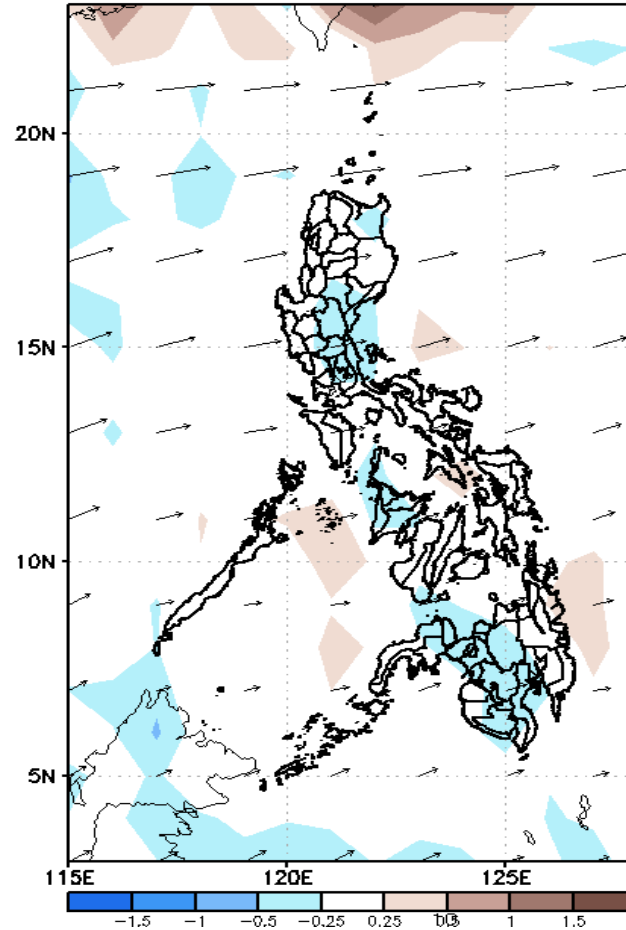
GEFS Week-2 Forecasts: Divergence & Wind Anomaly

Week 2: Jan 19-25, 2022

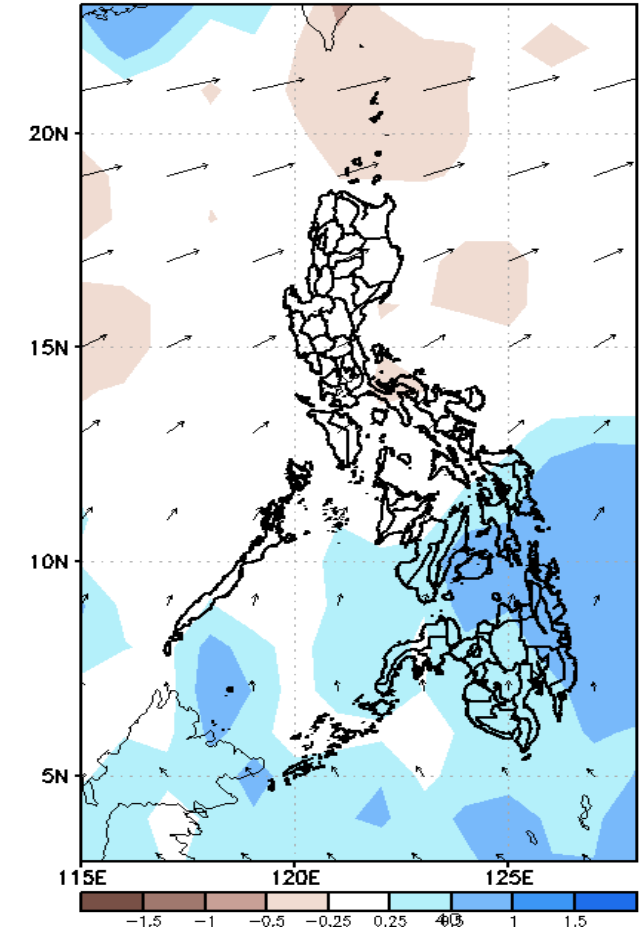
GEFS Week-2 850-hPa Divergence and Wind Anom
Valid: 20220119 - 20220125



GEFS Week-2 700-hPa Divergence and Wind Anom
Valid: 20220119 - 20220125



GEFS week-2 200-hPa Divergence and Wind Anom
Valid: 20220119 - 20220125

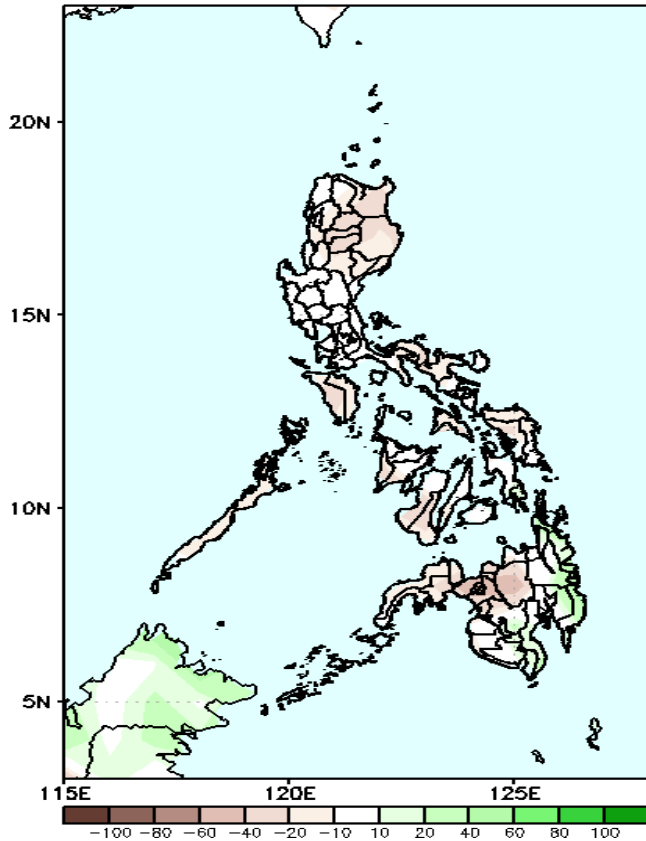


Upper and low level Divergence suggest a likelihood of light to moderate precipitation in most parts of Visayas and Mindanao. Northeast Monsoon affecting the eastern sections of Luzon while Easterlies affecting the rest of the country during the forecast period..

Precipitation Anomaly and Exceedance Probability > 25/50 mm

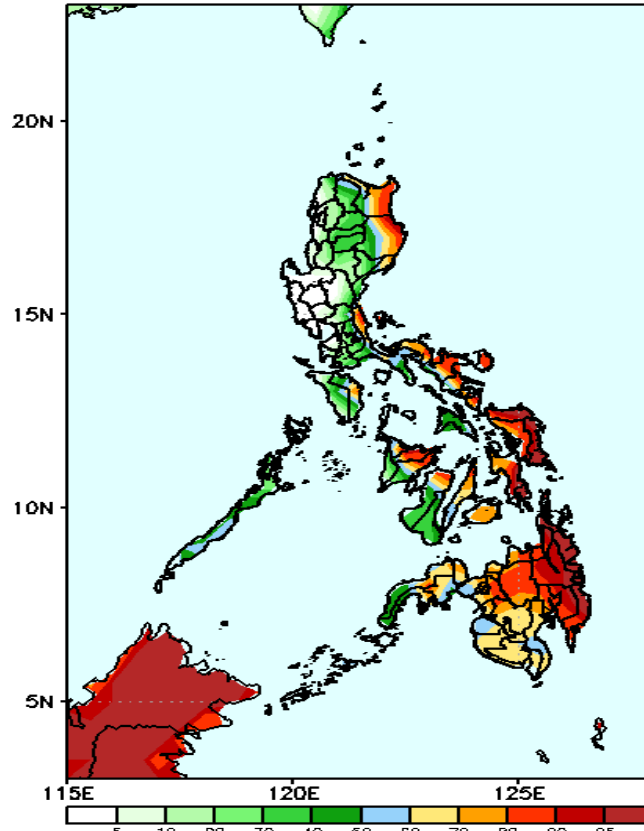
Week 2: Jan 19-25, 2022

GEFS Week-2 Precip Anomaly
Valid: 20220119 - 20220125



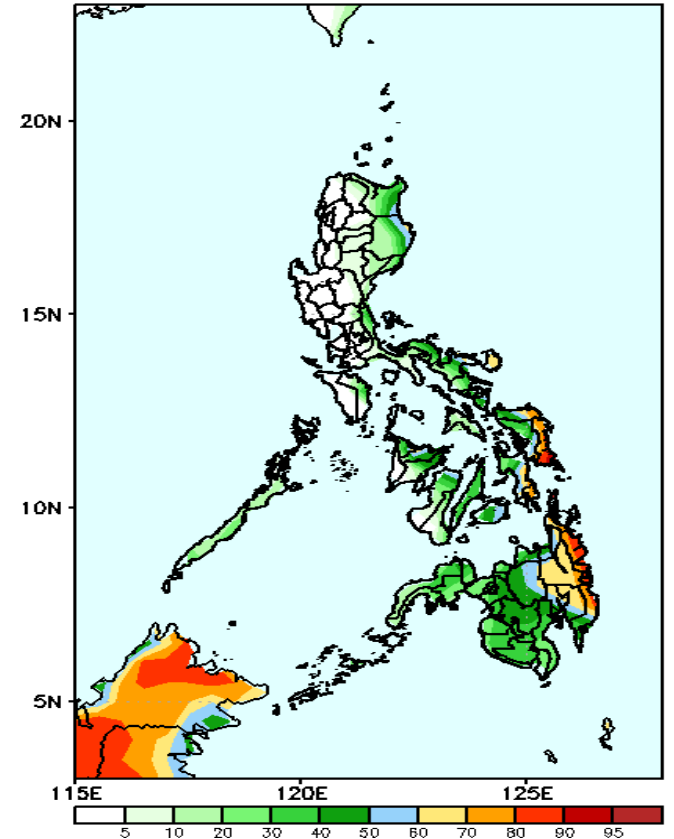
Rainfall deficit of 40-60mm is expected in most parts of the country except in the eastern parts of Mindanao during the forecast period

GEFS Week-2 Exceedance Prob. > 25mm
Valid: 20220119 - 20220125



High probability of rainfall to exceed 25mm in the eastern parts of Cagayan & Isabela, most parts of Bicol region, Eastern and central Visayas, some parts of Western Visayas and most parts of Mindanao while less likely for the rest of the country during the forecast period.

GEFS Week-2 Exceedance Prob. > 50mm
Valid: 20220119 - 20220125

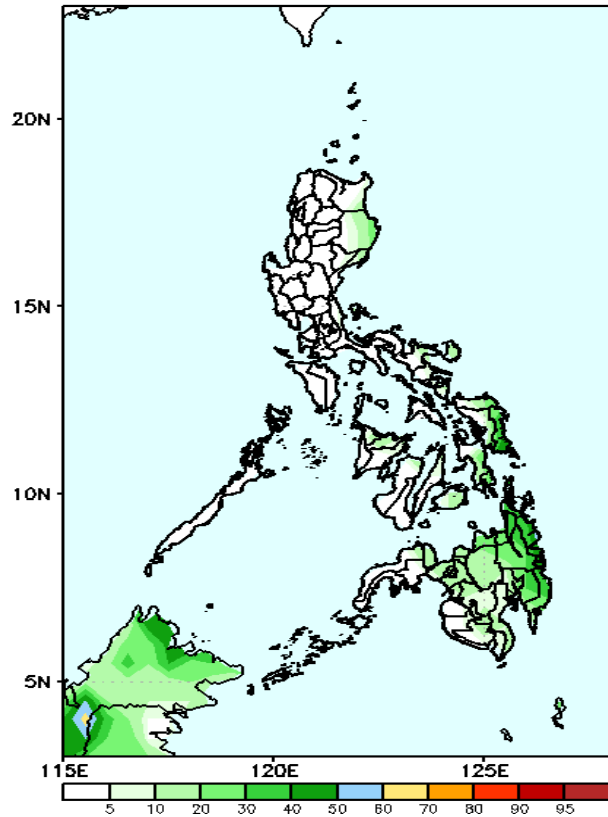


High probability of rainfall to exceed 50mm in some parts of Eastern Visayas and most of Eastern Mindanao while less likely for the rest of the county during the forecast period.

Exceedance Probability > 100/150/200 mm

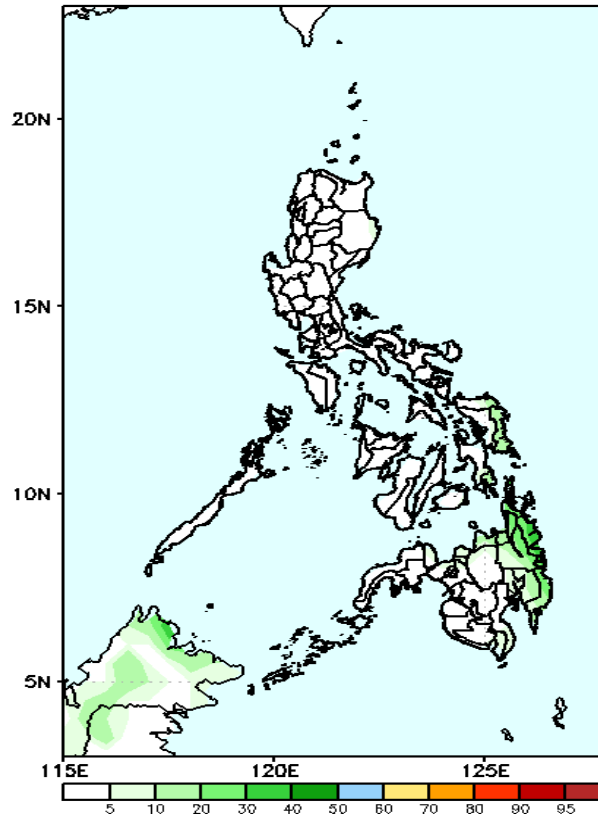
Week 2: Jan 19-25, 2022

GEFS Week-2 Exceedance Prob. > 100mm
Valid: 20220119 - 20220125



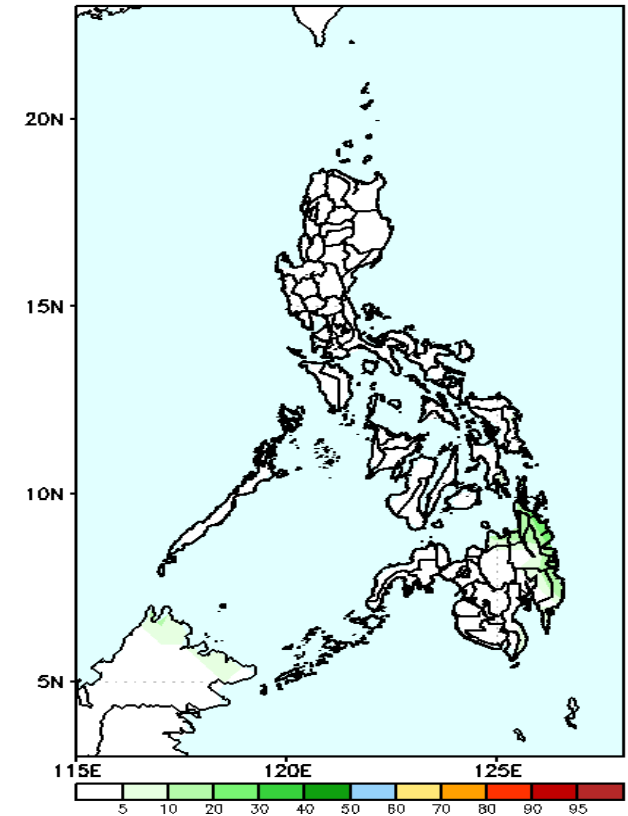
Less probability of rainfall to exceed 100mm in most parts of the country is expected during the forecast period.

GEFS Week-2 Exceedance Prob. > 150mm
Valid: 20220119 - 20220125



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

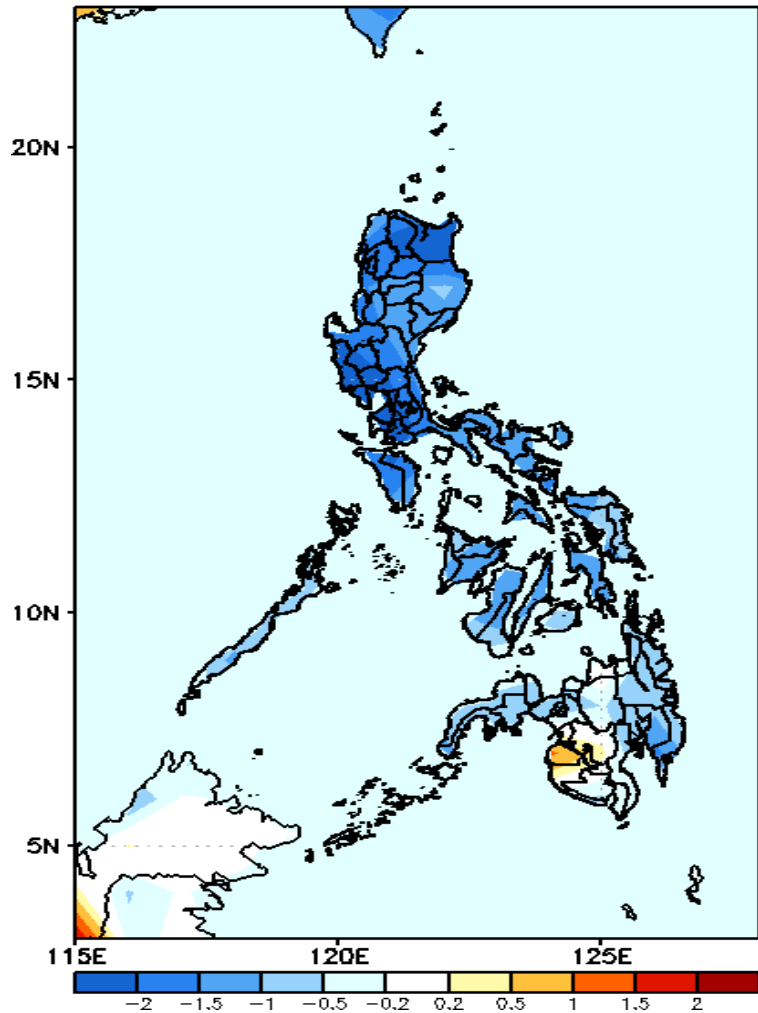
GEFS Week-2 Exceedance Prob. > 200mm
Valid: 20220119 - 20220125



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

GEFS Week-1 & 2 Forecasts: T2m Anomaly

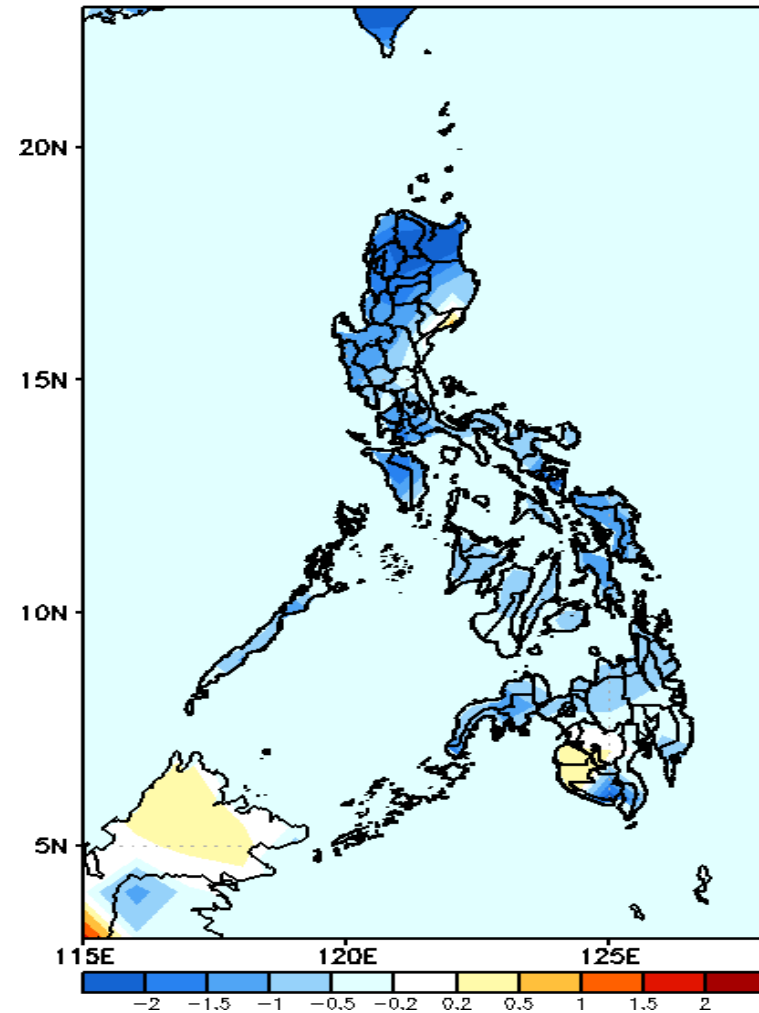
GEFS Week-1 T2m Anomaly
Valid: 20220112 - 20220118



2m Temperature Week 1: Jan 12-18, 2022

Cooler than average surface air temperature will likely experience in most parts of the country except in Maguindanao during the forecast period

GEFS Week-2 T2m Anomaly
Valid: 20220119 - 20220125



2m Temperature Week 2: Jan 19-25, 2022

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

