



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



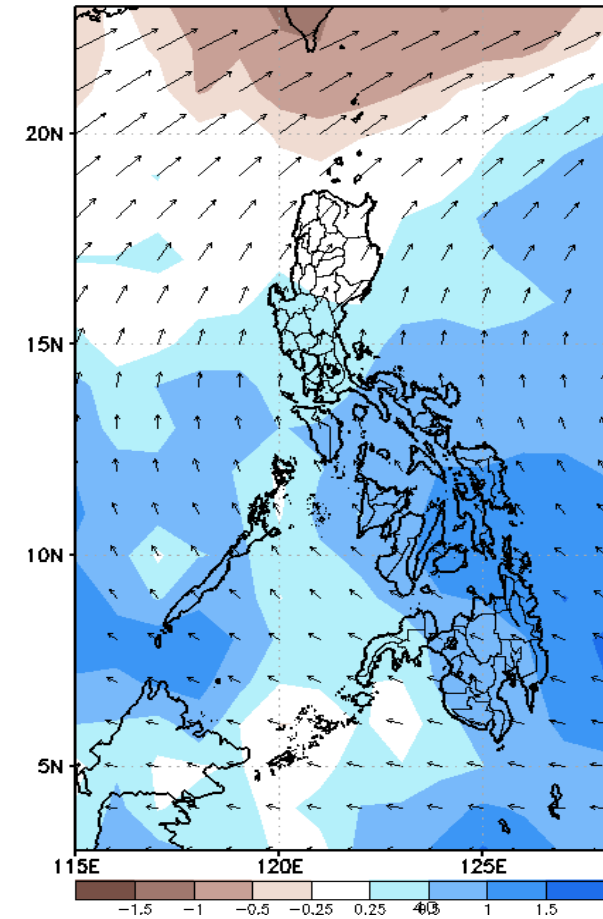
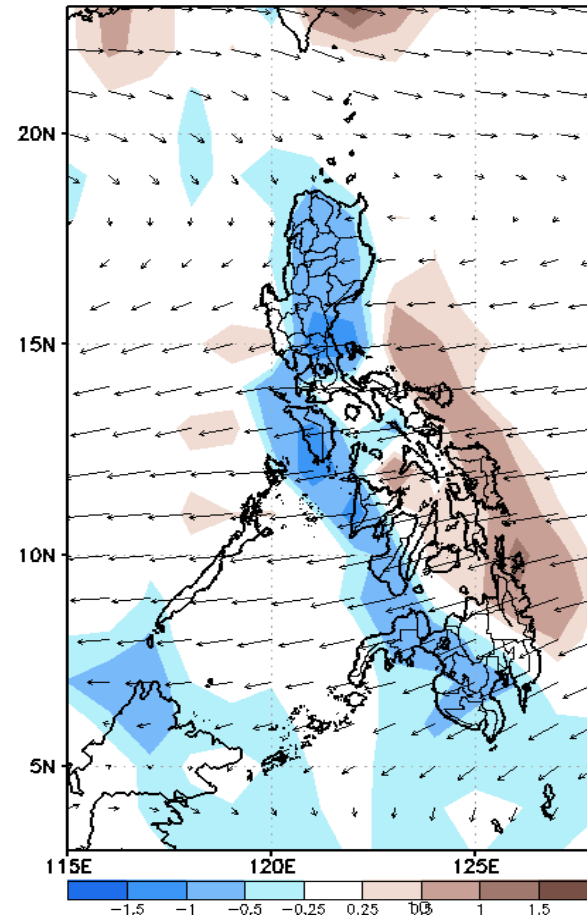
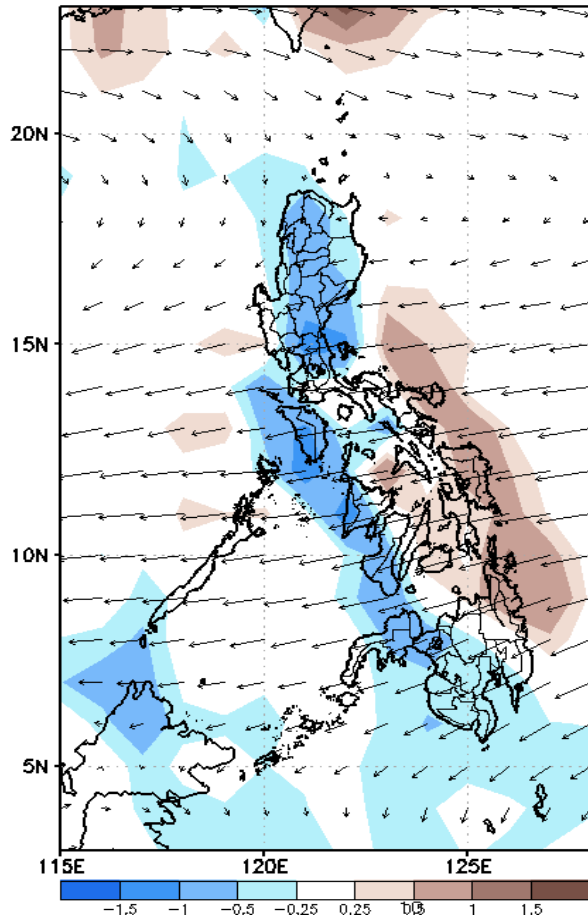
GEFS Week-1 Forecasts: Divergence & Wind Anomaly

Week 1: Dec 27-Jan 02, 2021

GEFS Week-1 850-hPa Divergence and Wind Anom
Valid: 20211227 - 20220102

GEFS Week-1 700-hPa Divergence and Wind Anom
Valid: 20211227 - 20220102

GEFS Week-1 200-hPa Divergence and Wind Anomaly
Valid: 20211227 - 20220102

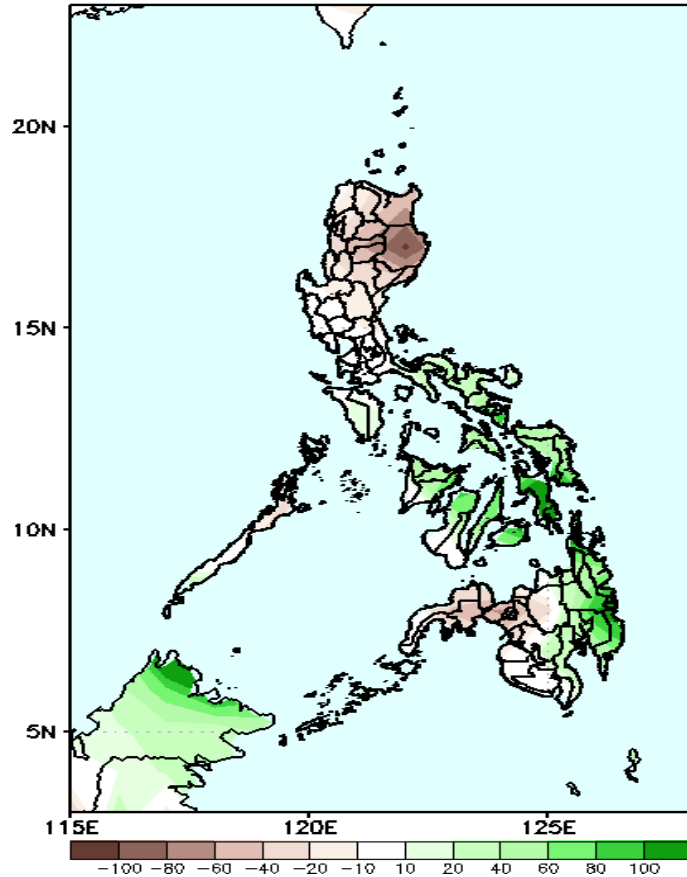


Upper and low level Divergence suggest likelihood of light to moderate precipitation in most parts of the country. Northeast Monsoon affecting Eastern sections of Luzon and Visayas while Easterlies affecting Mindanao during the forecast period..

Precipitation Anomaly and Exceedance Probability > 25/50 mm

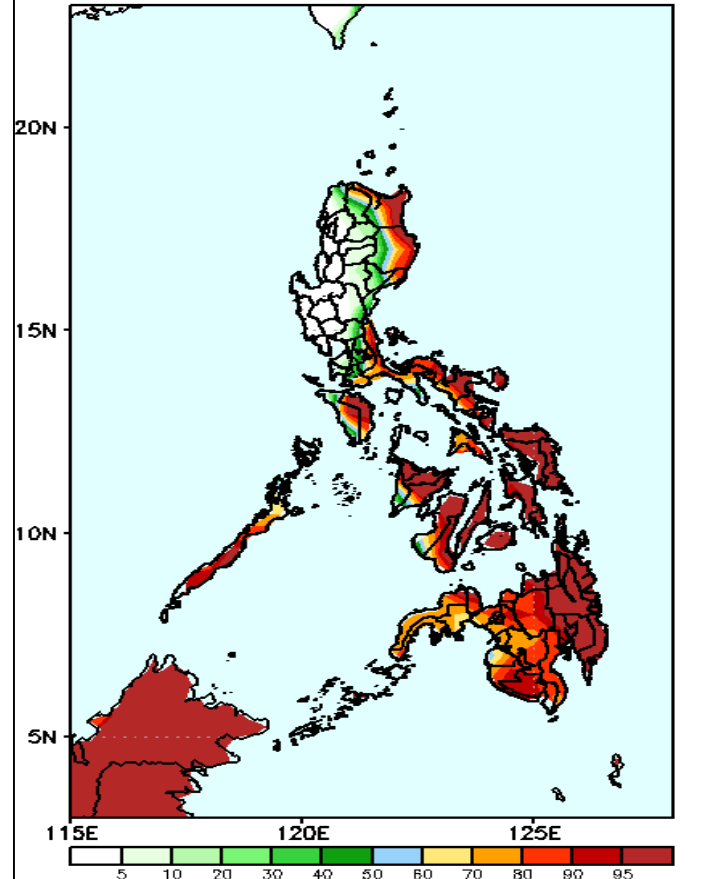
Week 1: Dec 27-Jan 02, 2021

GEFS Week-1 Precip Anomaly
Valid: 20211227 - 20220102



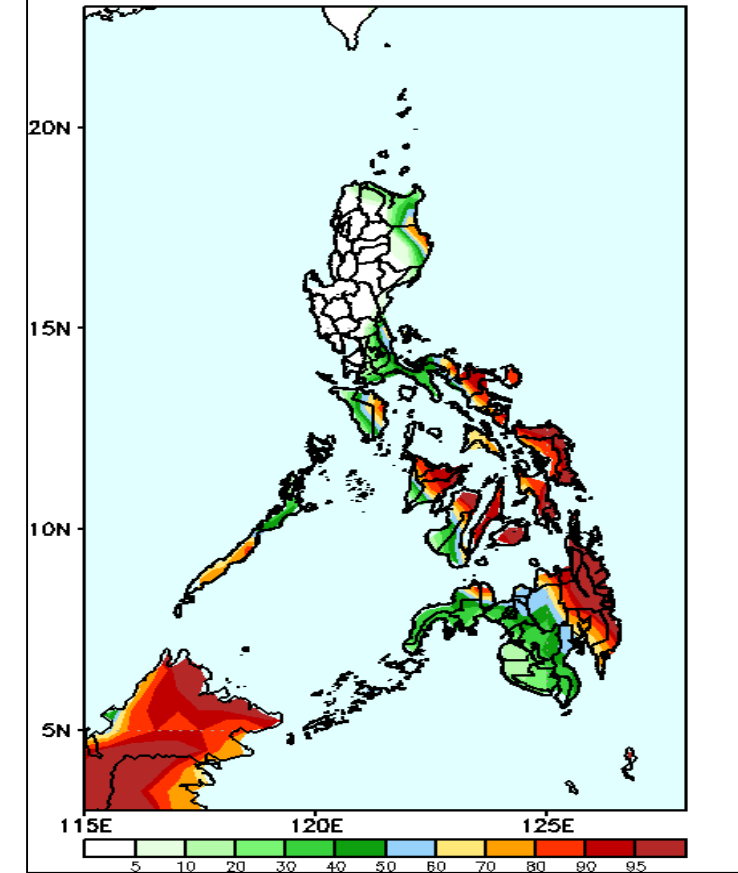
Rainfall deficit of 40-80mm is expected in most parts of Luzon, Misamis Occidental, Lanao Provinces and Zamboanga Peninsula while 40-80mm increase of rainfall in Bicol Region, most parts of Visayas and eastern Mindanao during the forecast period.

GEFS Week-1 Exceedance Prob. > 25mm
Valid: 20211227 - 20220102



High probability of rainfall to exceed 25mm in parts of Apayao, Cagayan, Isabela, Batangas, Quezon, Bicol region, MIMAROPA, and most parts of Visayas and Mindanao while less likely for the rest of the county during the forecast period.

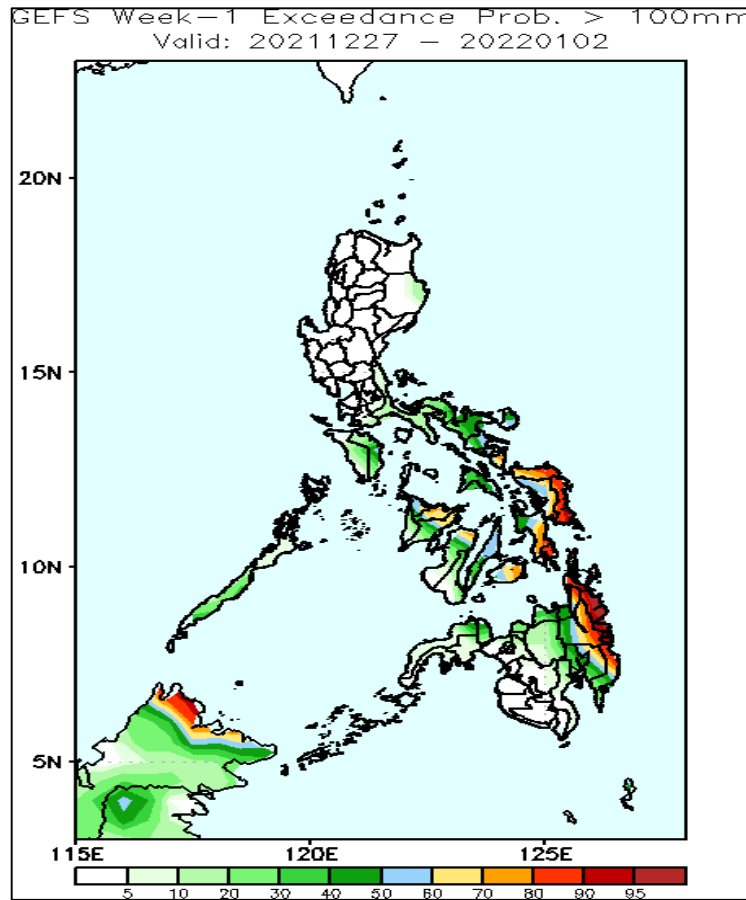
GEFS Week-1 Exceedance Prob. > 50mm
Valid: 20211227 - 20220102



High probability of rainfall to exceed 50mm in portions of Cagayan, Isabela, Bicol region, parts of MIMAROPA, most of Visayas, Eastern Mindanao and parts of Northern Mindanao while less likely for the rest of the county during the forecast period.

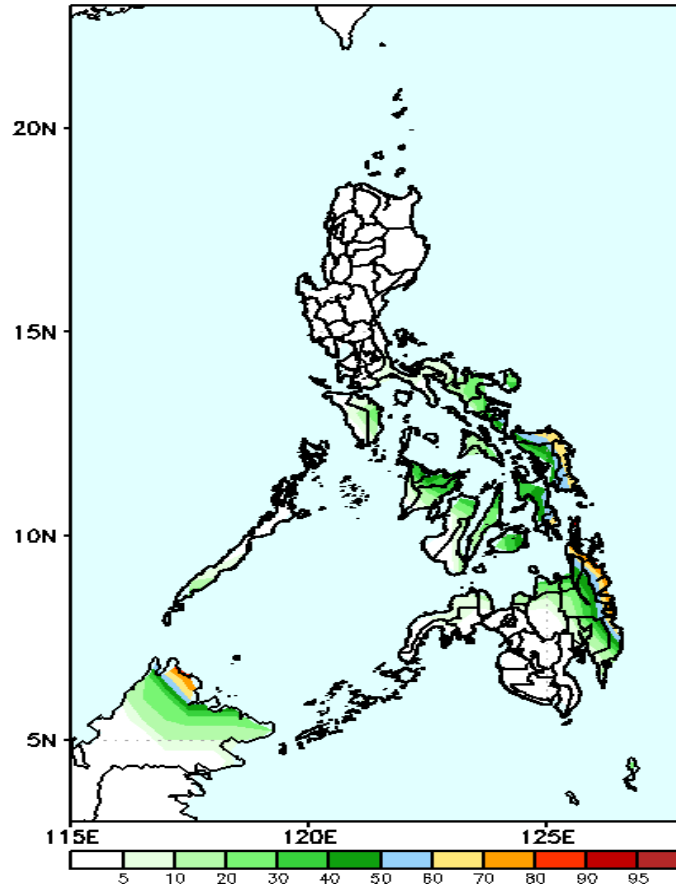
Exceedance Probability > 100/150/200 mm

Week 1: Dec 27-Jan 02, 2021



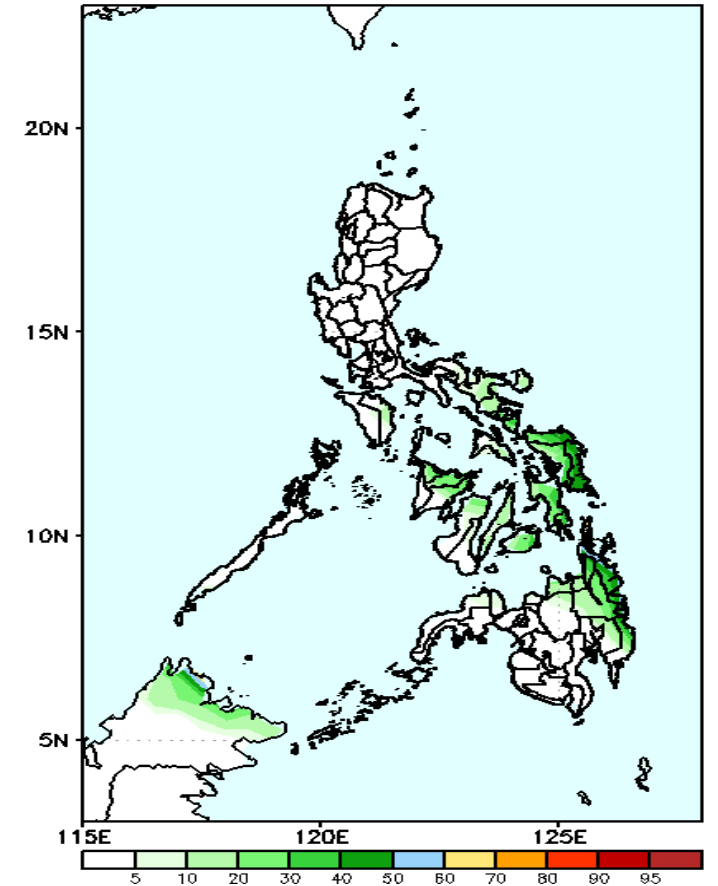
High probability of rainfall to exceed 100mm in most parts of Eastern Visayas, some parts of Western and Central Visayas and CARAGA while less likely for the rest of the country during the forecast period.

GEFS Week-1 Exceedance Prob. > 150mm
Valid: 20211227 - 20220102



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: 20211227 - 20220102



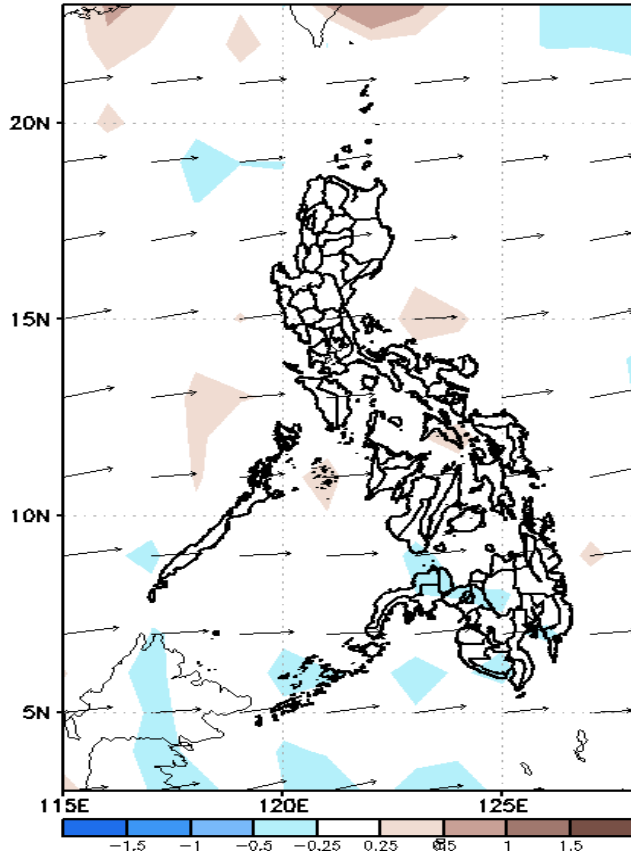
Less probability of rainfall to exceed 200mm in most parts of the country is expected during the forecast period.



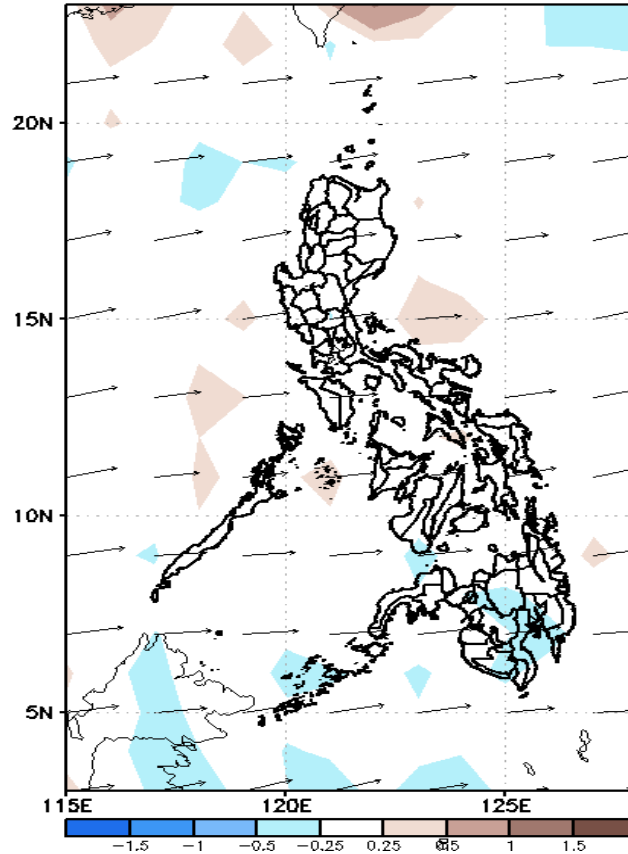
GEFS Week-2 Forecasts: Divergence & Wind Anomaly

Week 2: Jan 03- 09, 2021

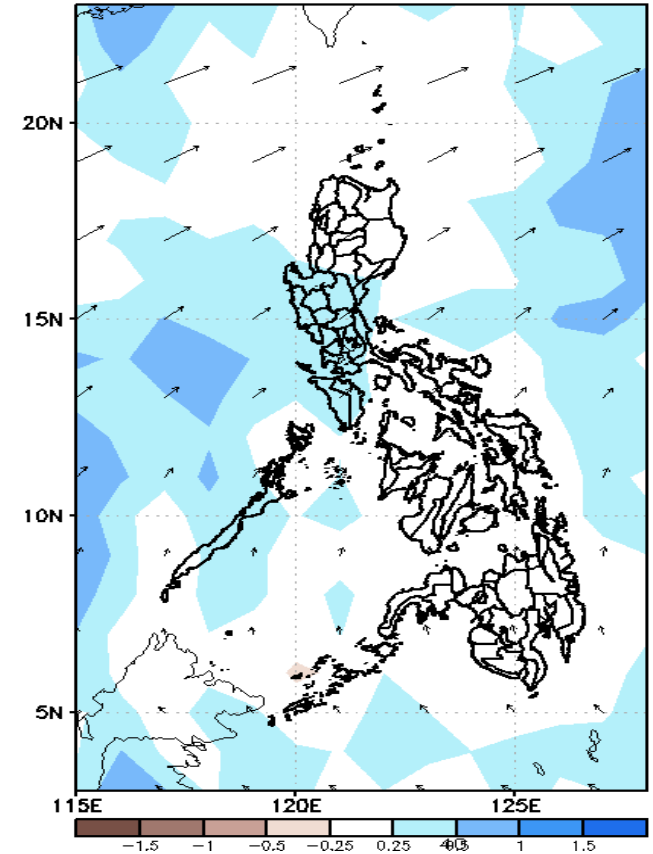
GEFS Week-2 850-hPa Divergence and Wind Anom
Valid: 20220103 - 20220109



GEFS Week-2 700-hPa Divergence and Wind Anom
Valid: 20220103 - 20220109



GEFS week-2 200-hPa Divergence and Wind Anom
Valid: 20220103 - 20220109

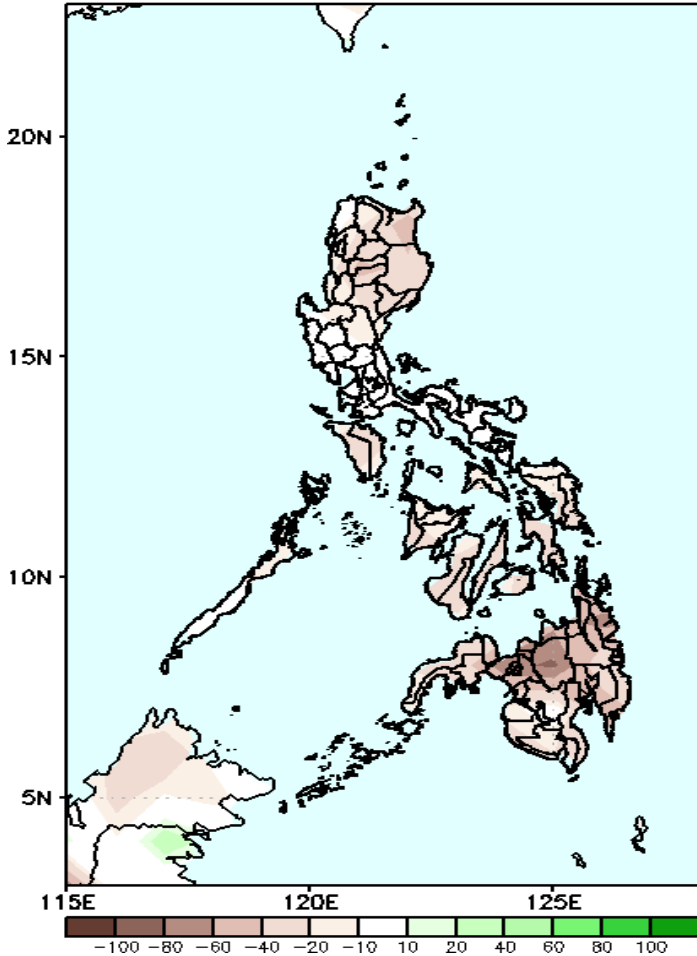


Upper and low level Divergence suggest likelihood of light to moderate precipitation in most parts of Central and Southern Luzon. Northeast Monsoon affecting Eastern Luzon while Easterlies affecting the rest of the country during the forecast period.

Precipitation Anomaly and Exceedance Probability > 25/50 mm

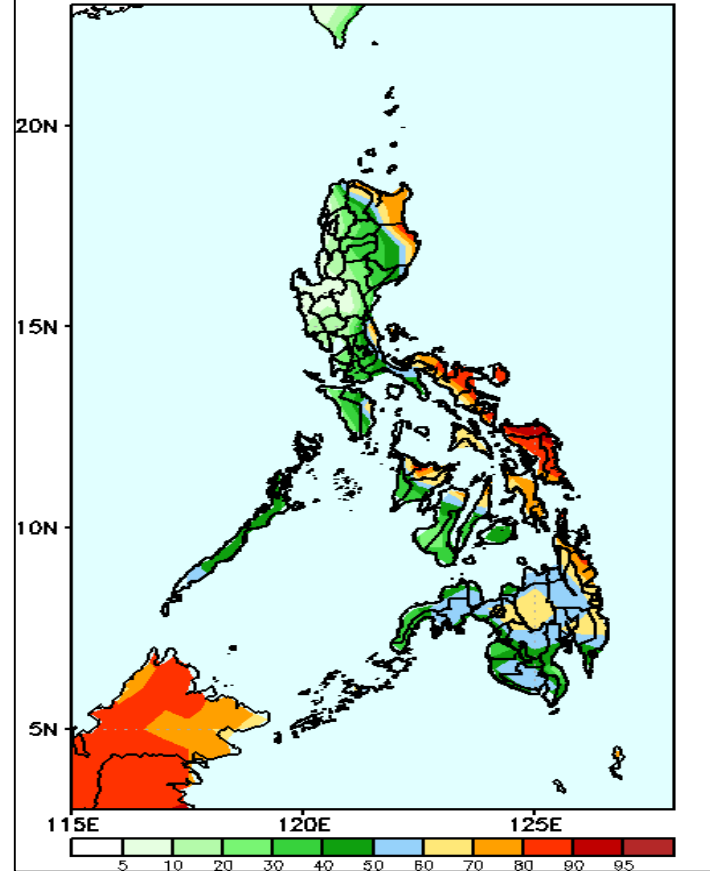
Week 2: Jan 03- 09, 2021

GEFS Week-2 Precip Anomaly
Valid: 20220103 - 20220109



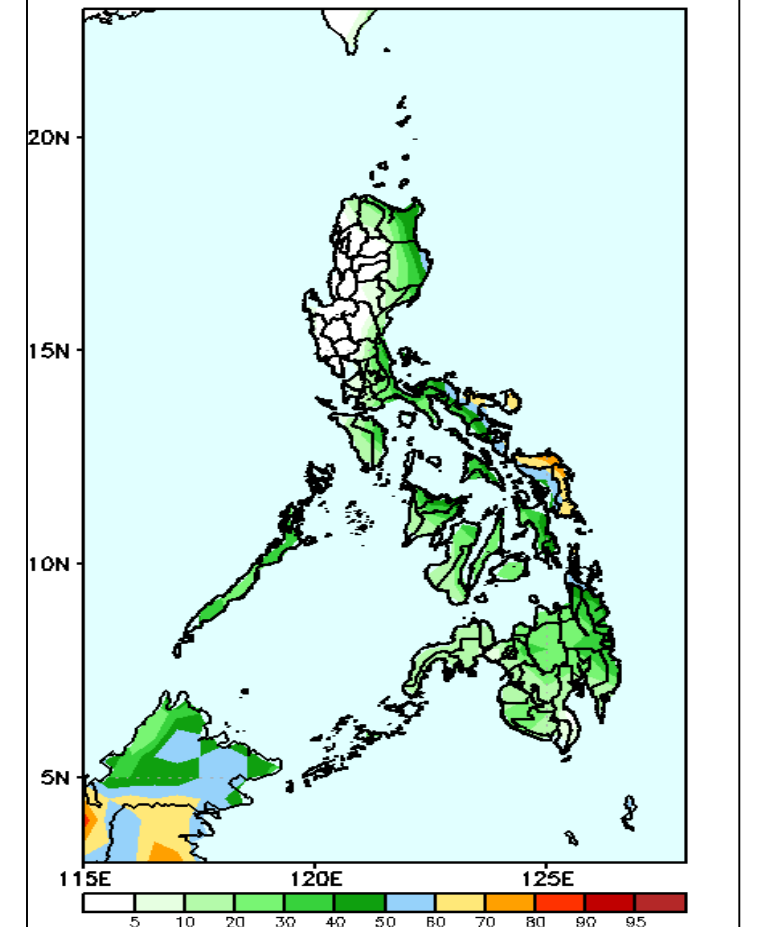
Rainfall deficit of 20-80mm is expected in most parts of the country during the forecast period

GEFS Week-2 Exceedance Prob. > 25mm
Valid: 20220103 - 20220109



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

GEFS Week-2 Exceedance Prob. > 50mm
Valid: 20220103 - 20220109



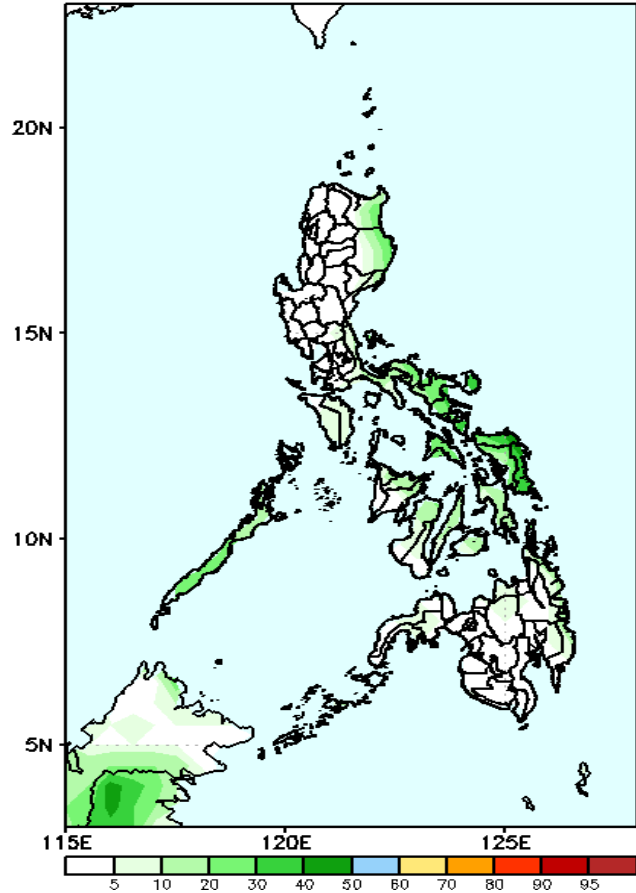
Less probability of rainfall to exceed 50mm in most parts of the country except Northern and Eastern Samar during the forecast period.



Exceedance Probability > 100/150/200 mm

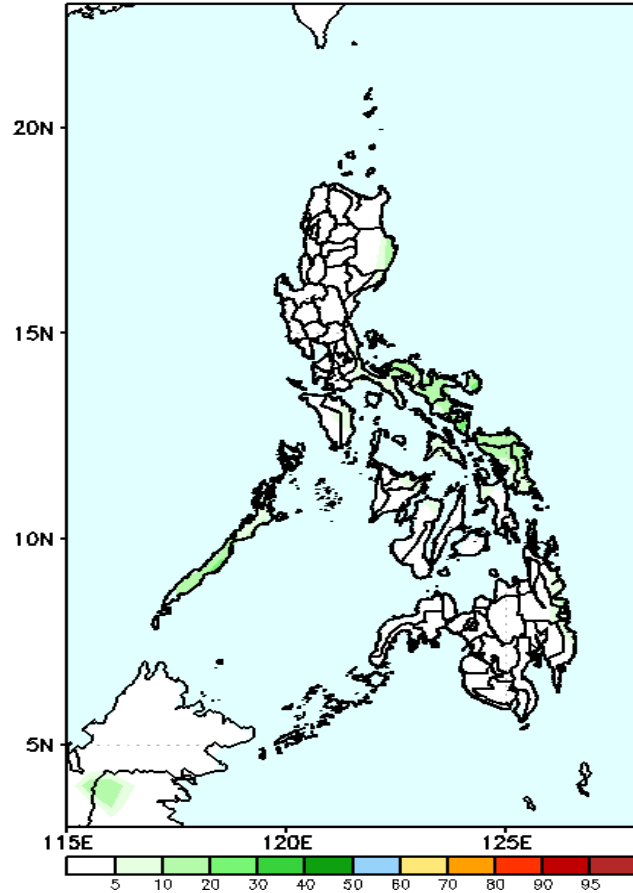
Week 2: Jan 03- 09, 2021

GEFS Week-2 Exceedance Prob. > 100mm
Valid: 20220103 - 20220109



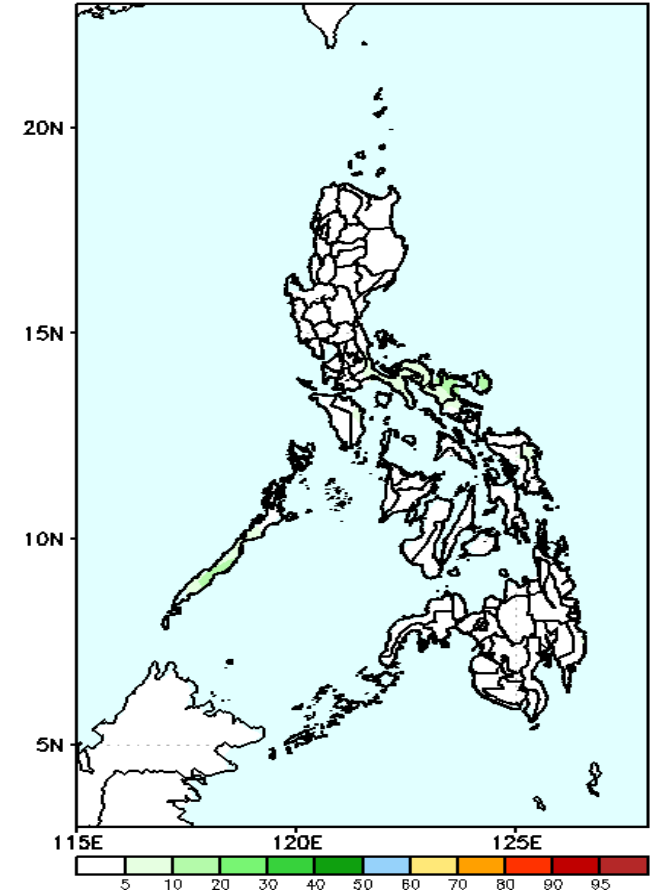
Less probability of rainfall to exceed 100mm in most parts of the country is expected during the forecast period.

GEFS Week-2 Exceedance Prob. > 150mm
Valid: 20220103 - 20220109



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

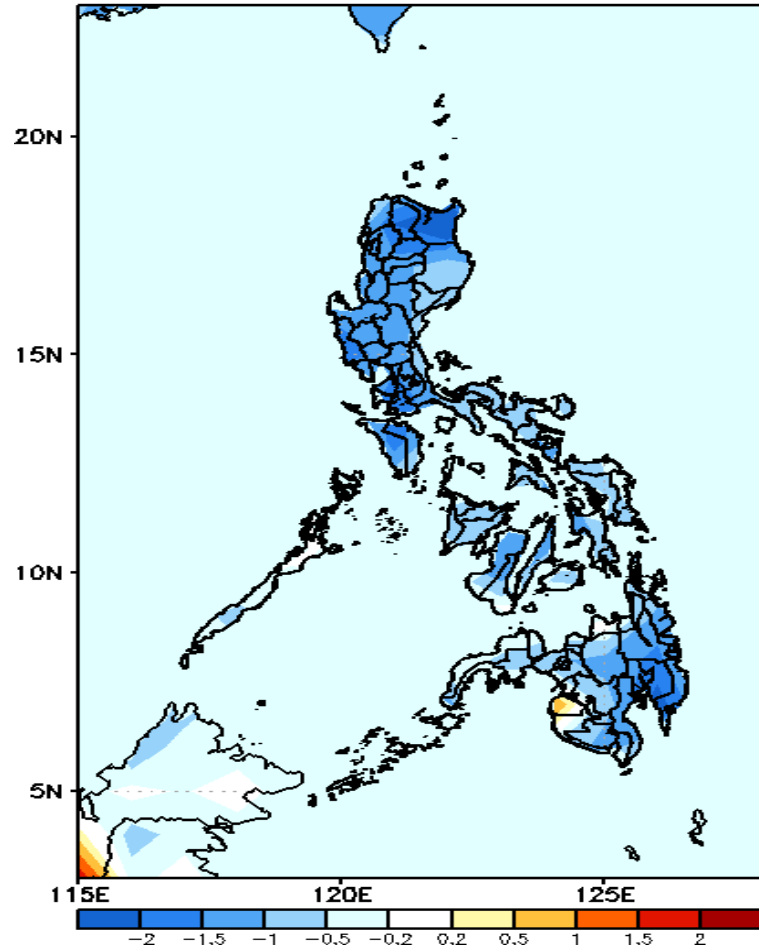
GEFS Week-2 Exceedance Prob. > 200mm
Valid: 20220103 - 20220109



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

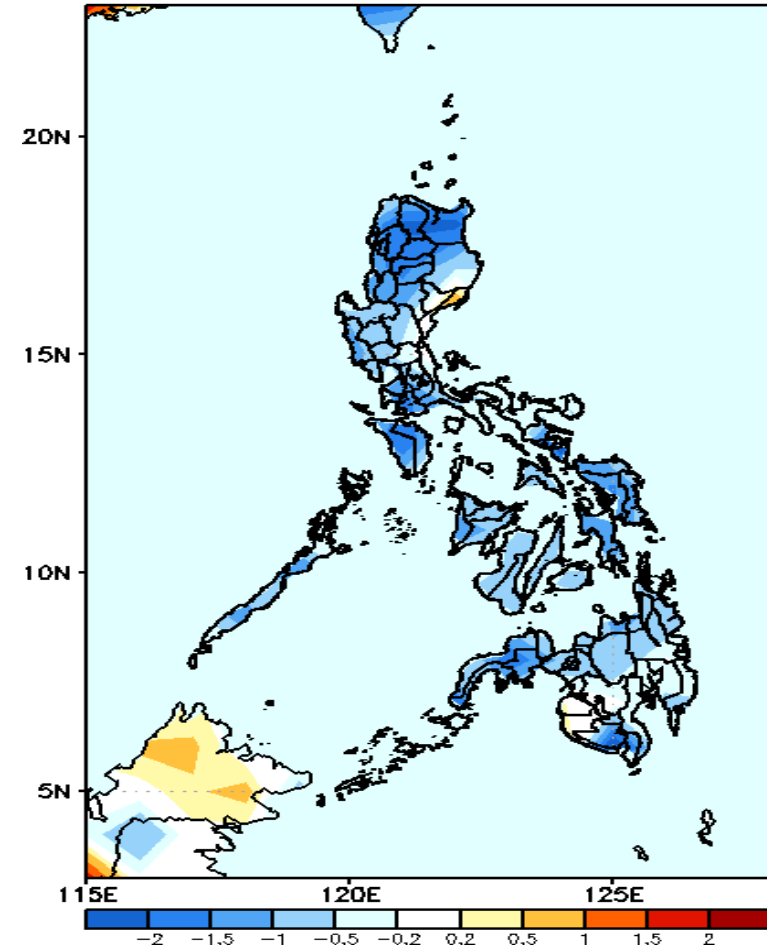
GEFS Week-1 T2m Anomaly
Valid: 20211227 - 20220102



2m Temperature Week 1: Dec 27-Jan 02, 2021

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: 20220103 - 20220109



2m Temperature Week 2: Jan 03-09, 2021

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