



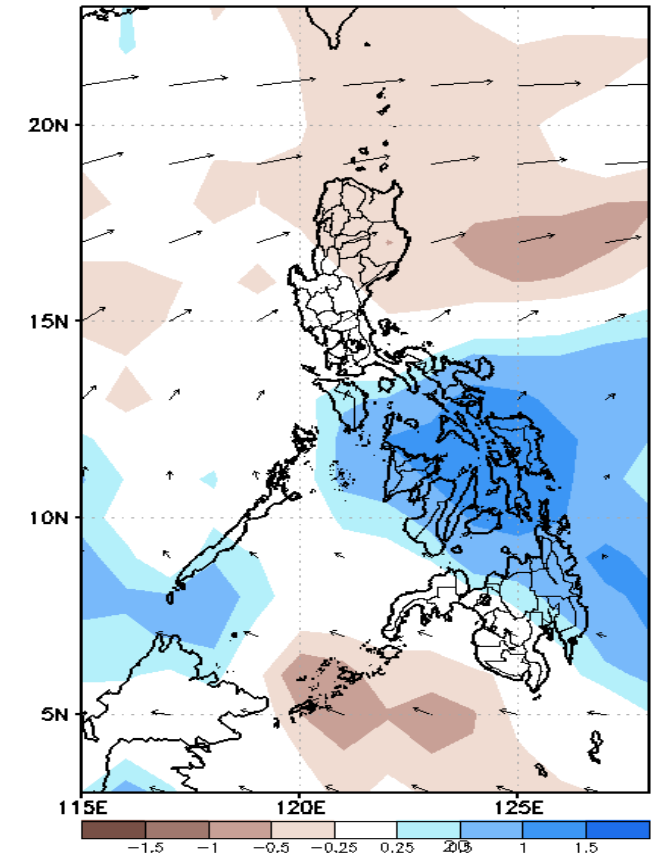
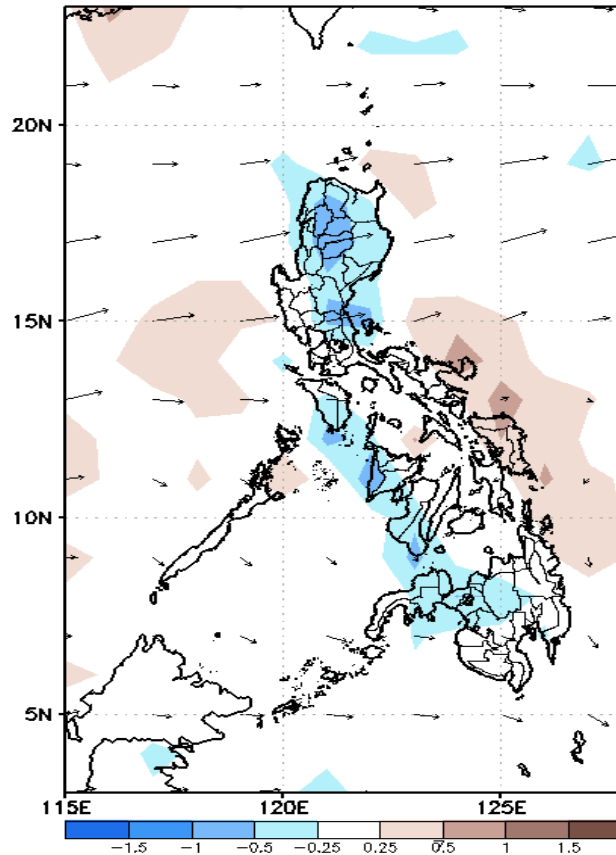
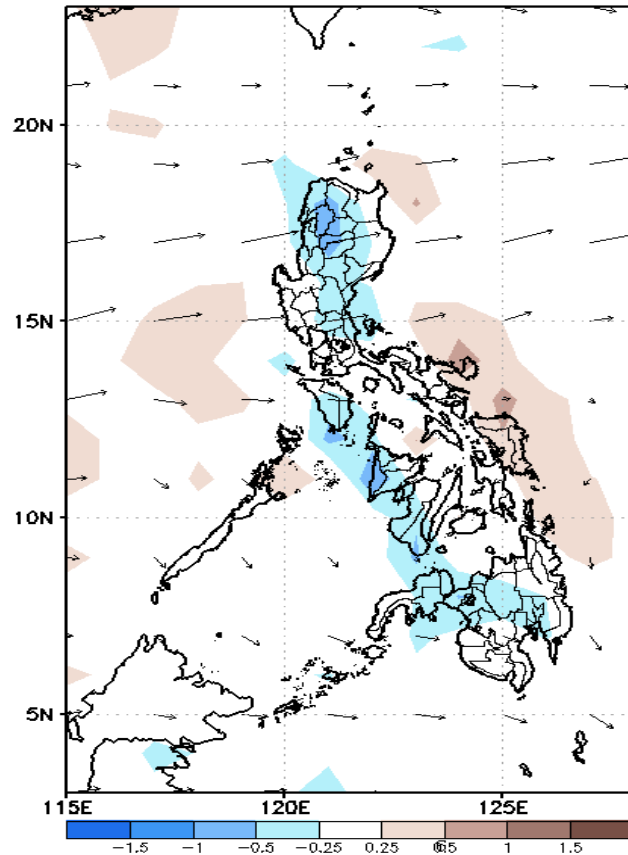
Week 1 & Week 2 Forecast for the Philippines using GEFS Model



GEFS Week-1 Forecasts: Divergence & Wind Anomaly

Week 1: Dec 06-12, 2021

GEFS Week-1 850-hPa Divergence and Wind Anom GEFS Week-1 700-hPa Divergence and Wind Anom GEFS Week-1 200-hPa Divergence and Wind Anom
Valid: 20211206 - 20211212

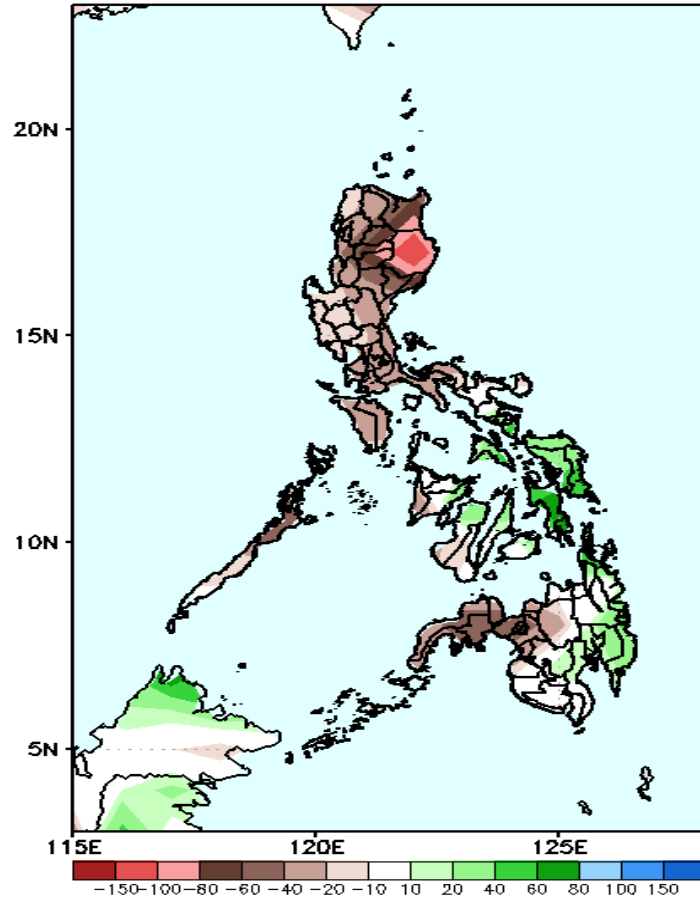


Upper and low level Divergence suggest likelihood of light to moderate precipitation in most part of Eastern Luzon, MIMAROPA, most of Visayas and Eastern and Northern Mindanao. Northeast Monsoon affecting the eastern sections of Luzon and Visayas and CARAGA region, while Easterlies affecting the rest of Mindanao during the forecast period.

Precipitation Anomaly and Exceedance Probability > 25/50 mm

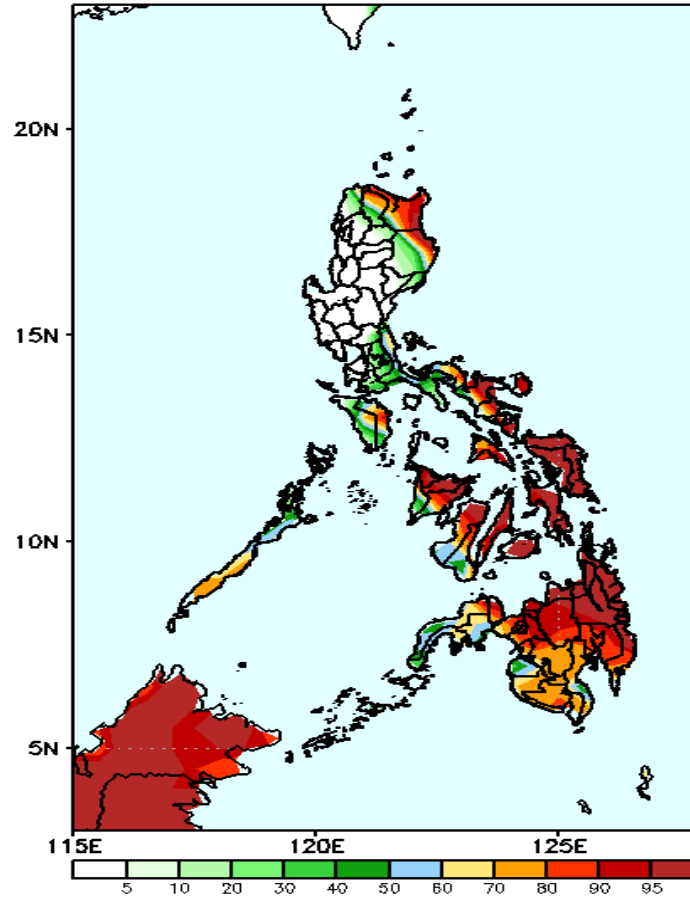
Week 1: Dec 06-12, 2021

GEFS Week-1 Precip Anomaly
Valid: 20211206 – 20211212



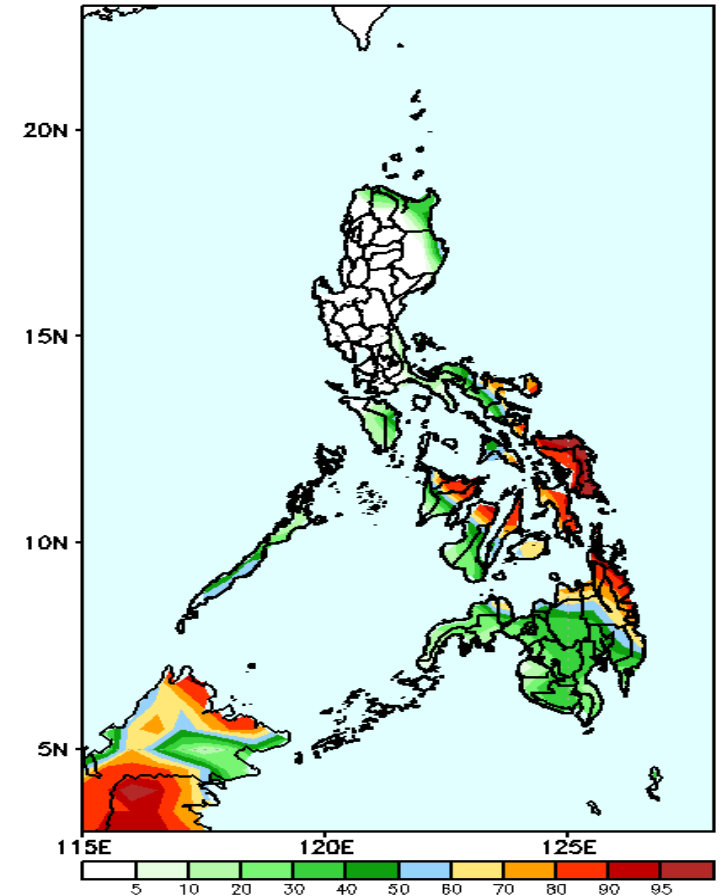
Rainfall deficit of 40-80mm is expected in most parts of Luzon (up to 150mm in Isabela), Antique, Zamboanga Peninsula, Misamis Occ, Lanao del Norte while 40-80mm increase of rainfall in most parts of Visayas and Davao Region during the forecast period.

GEFS Week-1 Exceedance Prob. > 25mm
Valid: 20211206 – 20211212

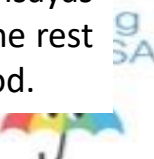


High probability of rainfall to exceed 25mm in Apayao, Cagayan, parts of Isabela, Or. Mindoro, most parts of Bicol Region, Visayas and Mindanao while less likely for the rest of Luzon during the forecast period.

GEFS Week-1 Exceedance Prob. > 50mm
Valid: 20211206 – 20211212



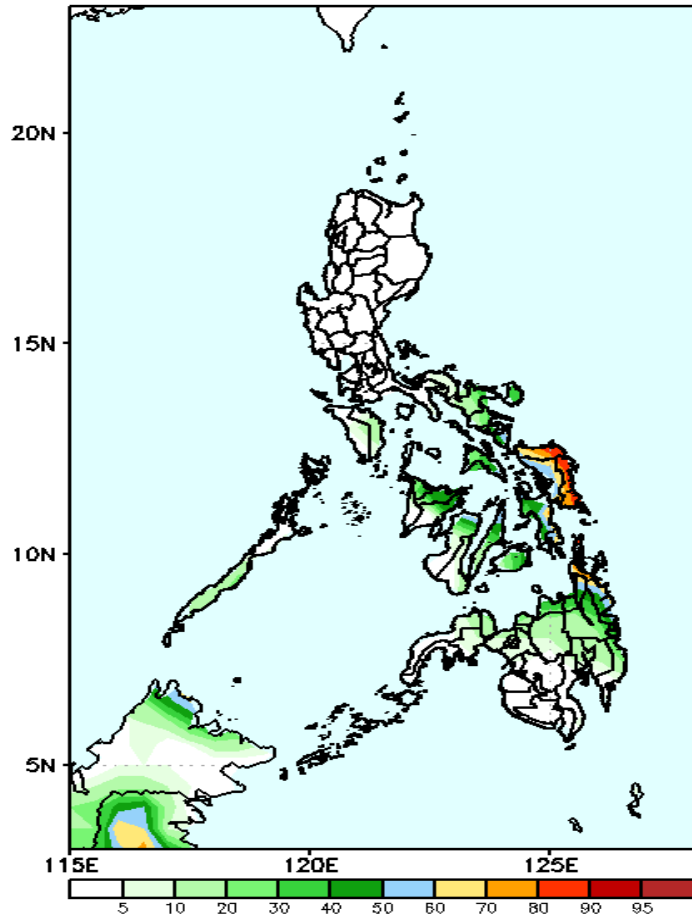
High probability of rainfall to exceed 50mm in Catanduanes, Cam Sur, most parts of Visayas & CARAGA Region while less likely for the rest of the country during the forecast period.



Exceedance Probability > 100/150/200 mm

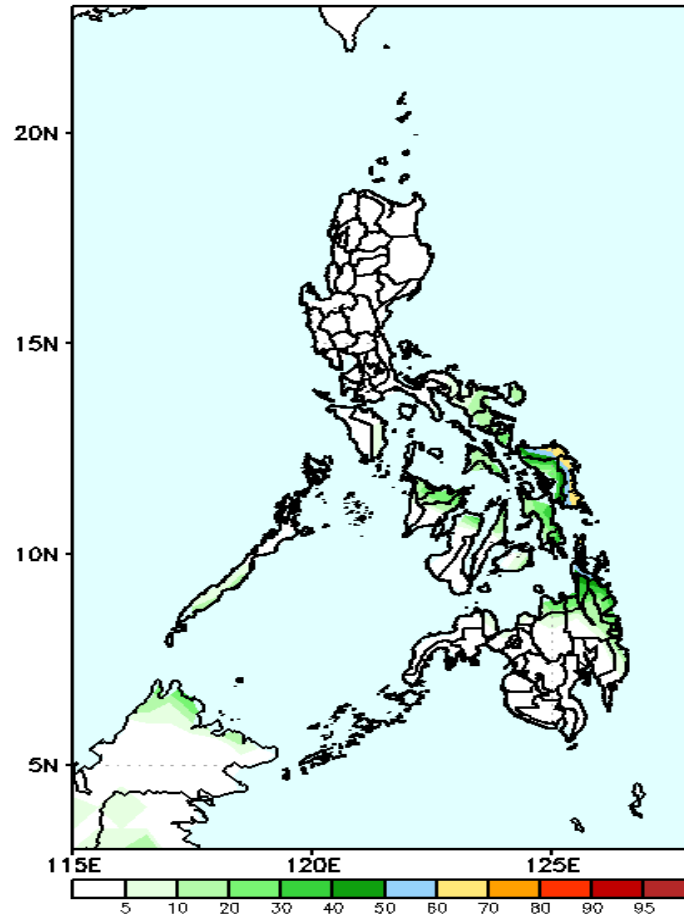
Week 1: Dec 06-12, 2021

GEFS Week-1 Exceedance Prob. > 100mm
Valid: 20211206 – 20211212



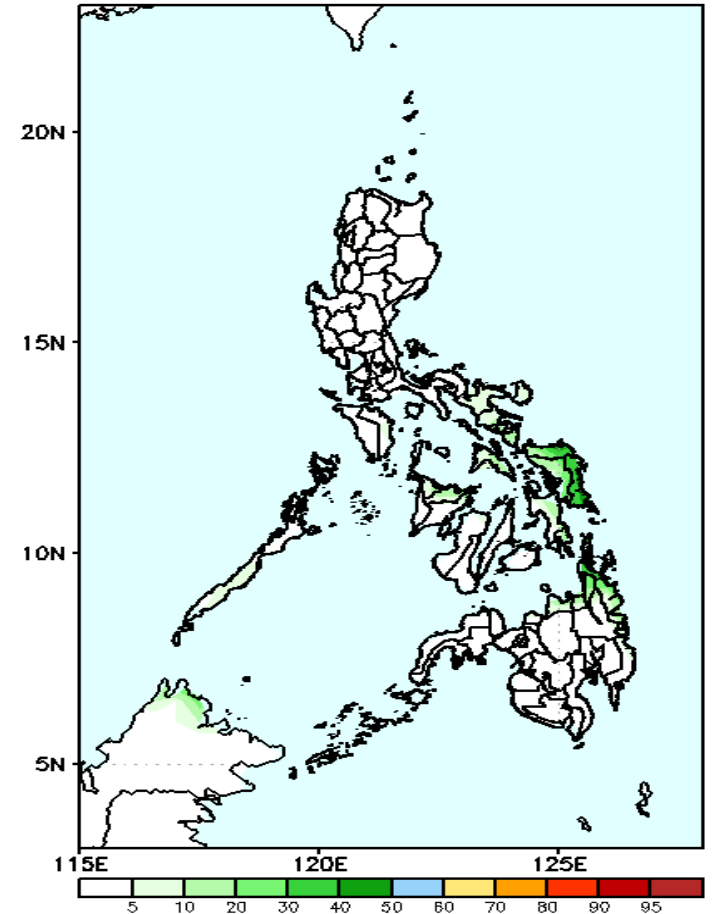
70-90% probability of rainfall to exceed 50mm in Northern & Eastern Samar while less likely for the rest of the country during the forecast period.

GEFS Week-1 Exceedance Prob. > 150mm
Valid: 20211206 – 20211212



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: 20211206 – 20211212



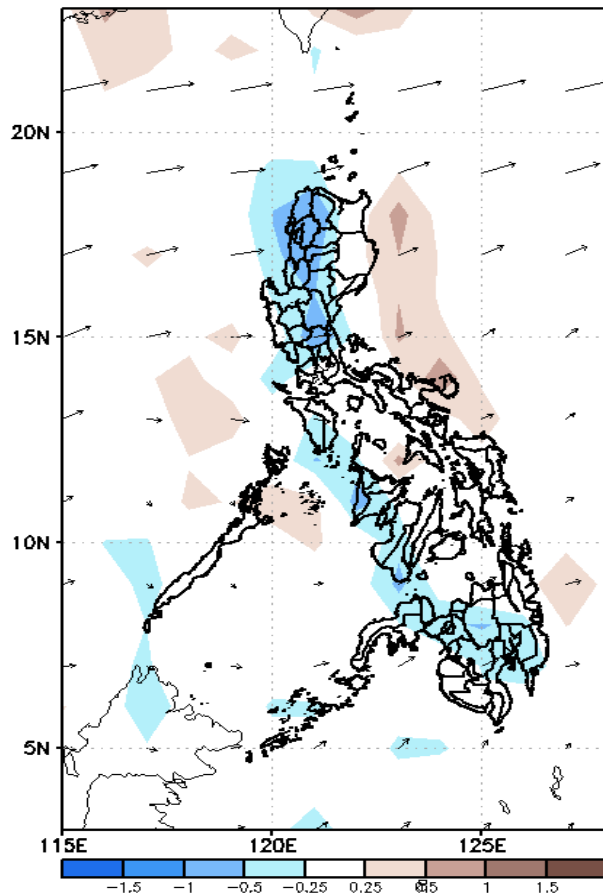
Less probability of rainfall to exceed 200mm in most parts of the country is expected during the forecast period.



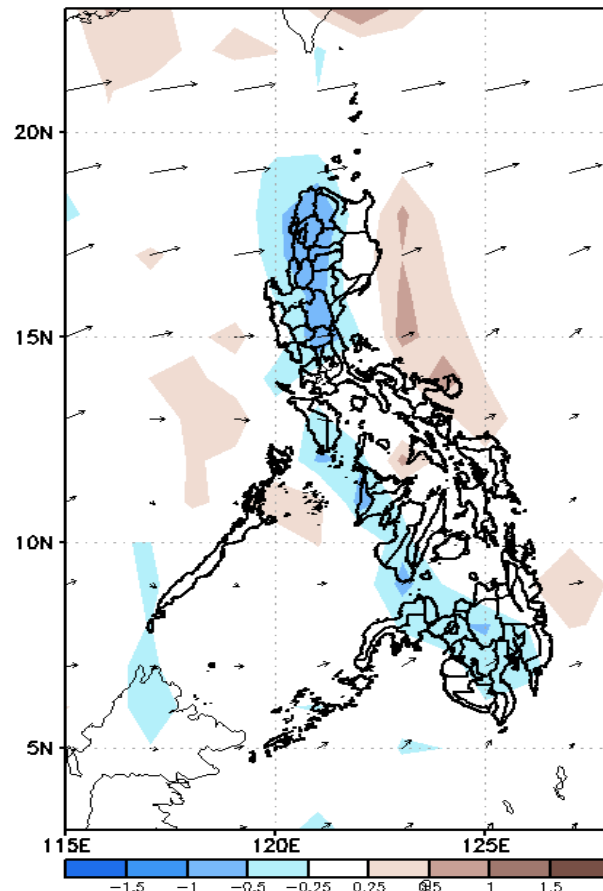
GEFS Week-2 Forecasts: Divergence & Wind Anomaly

Week 2: Dec 13-19, 2021

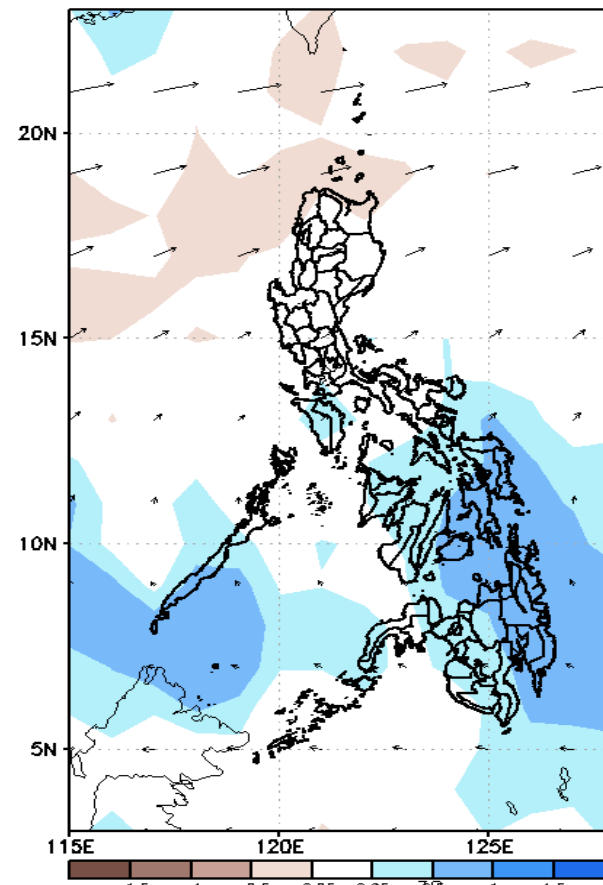
GEFS Week-2 850-hPa Divergence and Wind Anom.
Valid: 20211213 - 20211219



GEFS Week-2 700-hPa Divergence and Wind Anom
Valid: 20211213 - 20211219



GEFS week-2 200-hPa Divergence and Wind Anom
Valid: 20211213 - 20211219

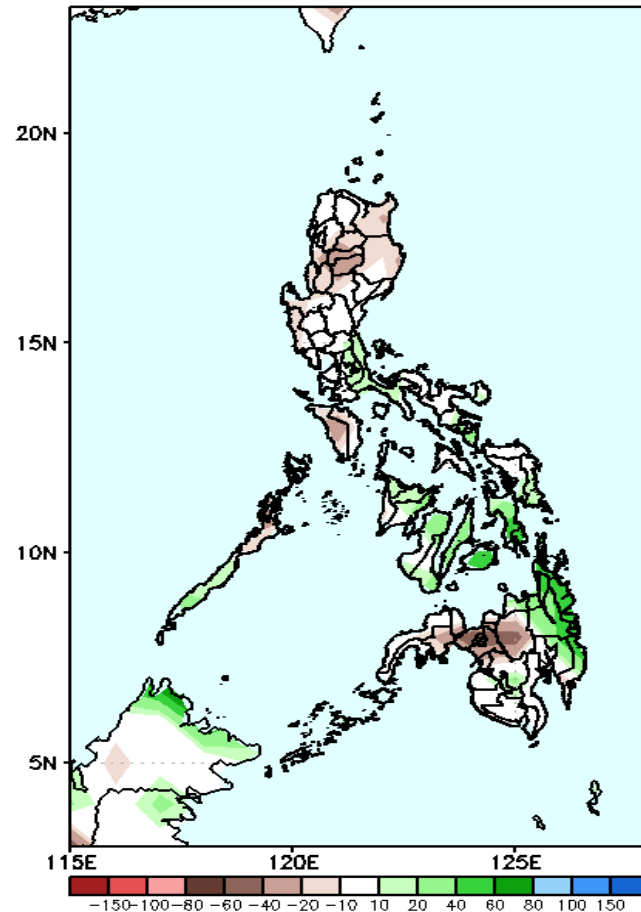


Upper and low level Divergence suggest likelihood of light to moderate precipitation in some parts of Northern Luzon, and most parts of Visayas and Mindanao. Northeast Monsoon affecting Eastern Luzon while Easterlies affecting the Visayas and Mindanao rest of the country during the forecast period.

Precipitation Anomaly and Exceedance Probability > 25/50 mm

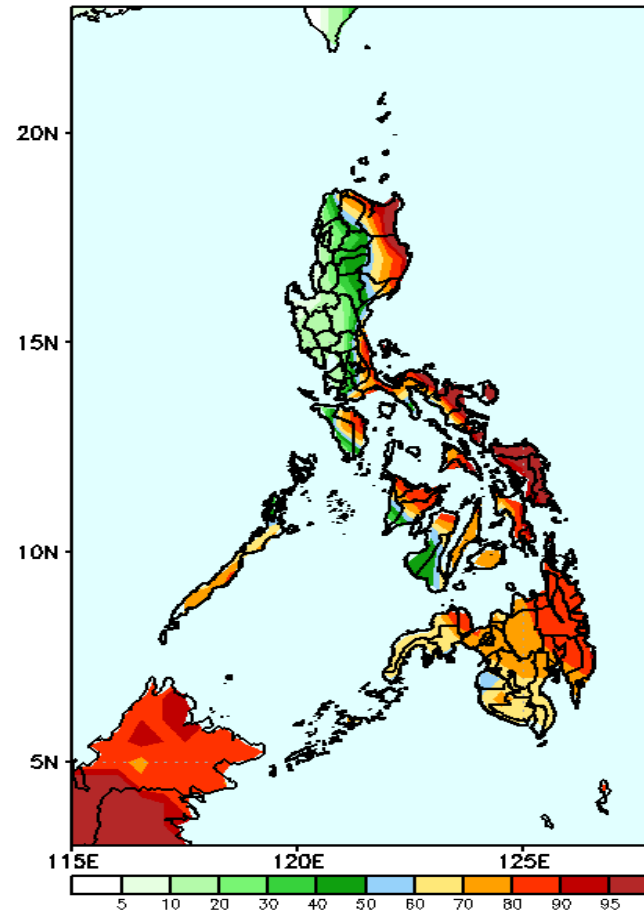
Week 2: Dec 13-19, 2021

GEFS Week-2 Precip. Anomaly
Valid: 20211213 - 20211219



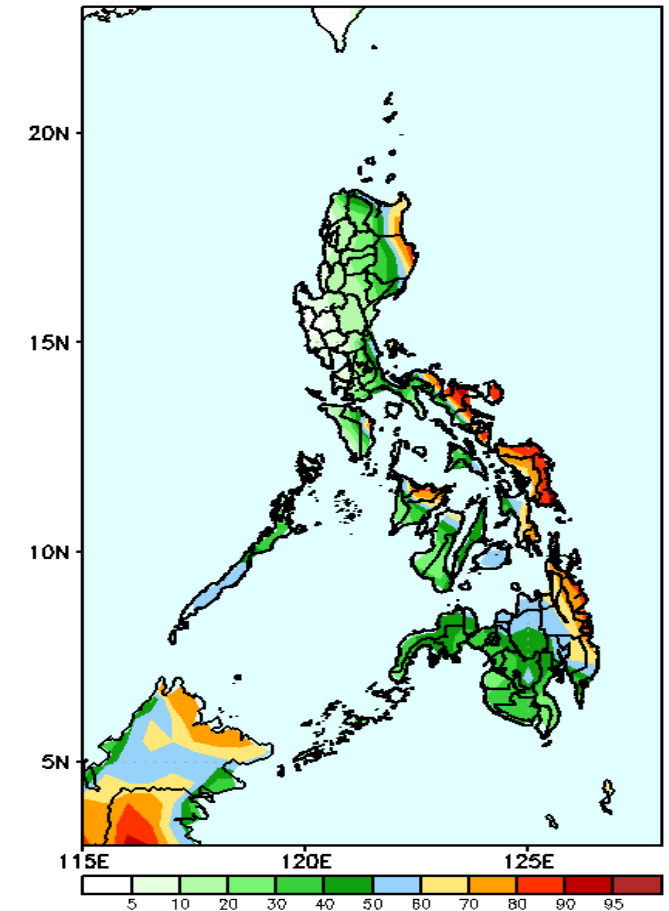
Rainfall deficit of 20-60mm is expected in Cagayan Valley, Mindoro and Northern Mindanao while 40-60mm increase of rainfall in most parts of Central Visayas during the forecast period.

GEFS Week-2 Exceedance Prob. > 25mm
Valid: 20211213 - 20211219



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 the country during the forecast period.

GEFS Week-2 Exceedance Prob. > 50mm
Valid: 20211213 - 20211219

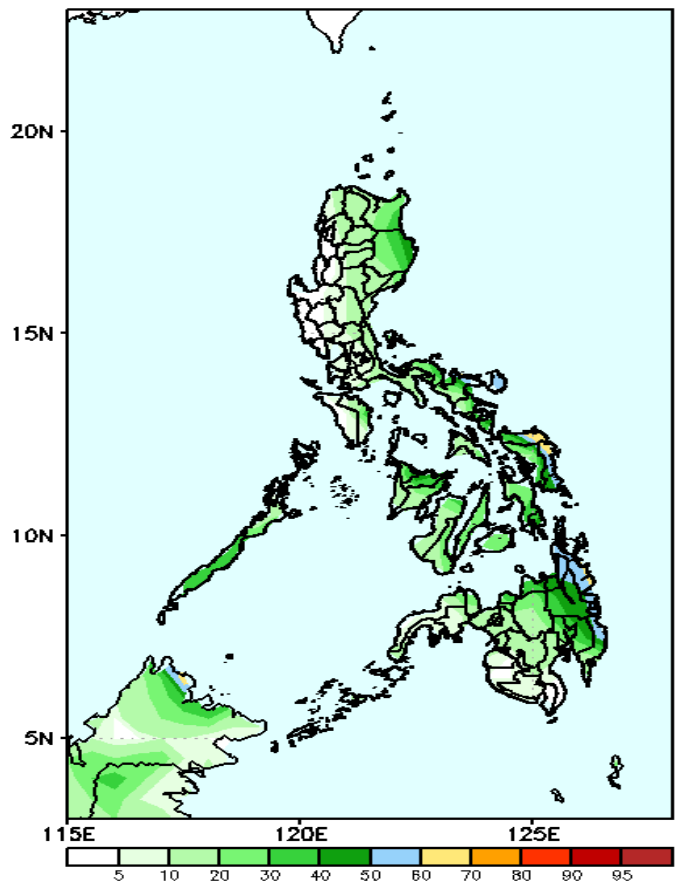


High probability of rainfall to exceed 50mm in eastern parts of Cagayan & Isabela, Bicol Region, Eastern Visayas, Capiz and eastern Mindanao while less likely for the rest of the country during the forecast period.

Exceedance Probability > 100/150/200 mm

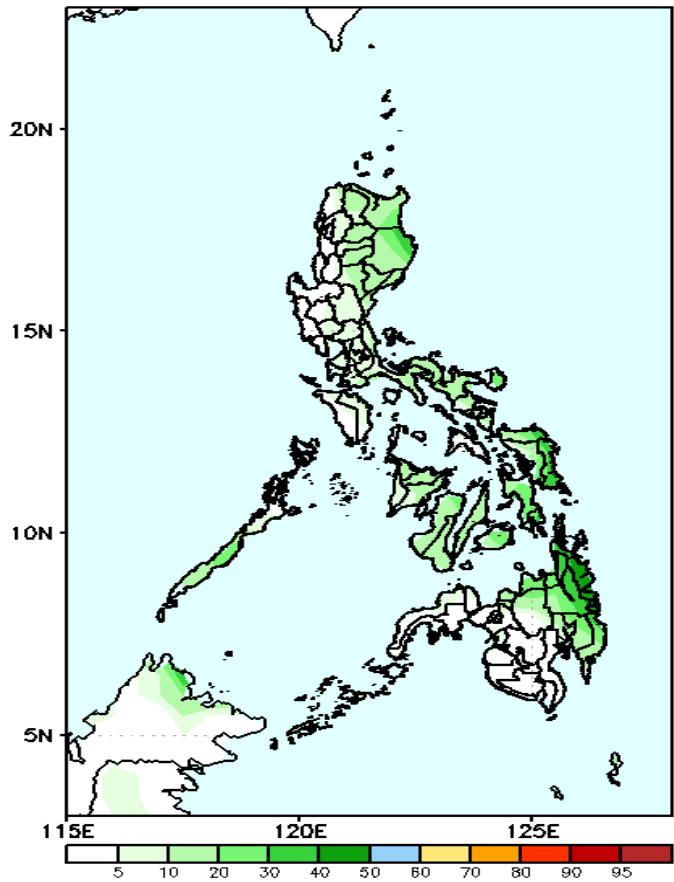
Week 2: Dec 13-19, 2021

GEFS Week-2 Exceedance Prob. > 100mm
Valid: 20211213 – 20211219



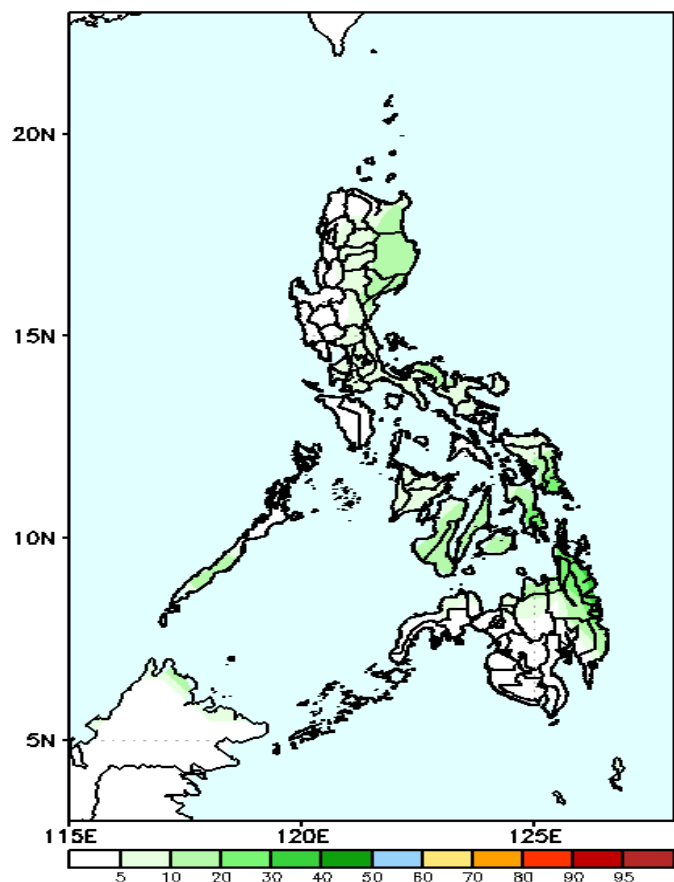
Less probability of rainfall to exceed 100mm in most parts of the country is expected during the forecast period.

GEFS Week-2 Exceedance Prob. > 150mm
Valid: 20211213 – 20211219



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: 20211213 – 20211219

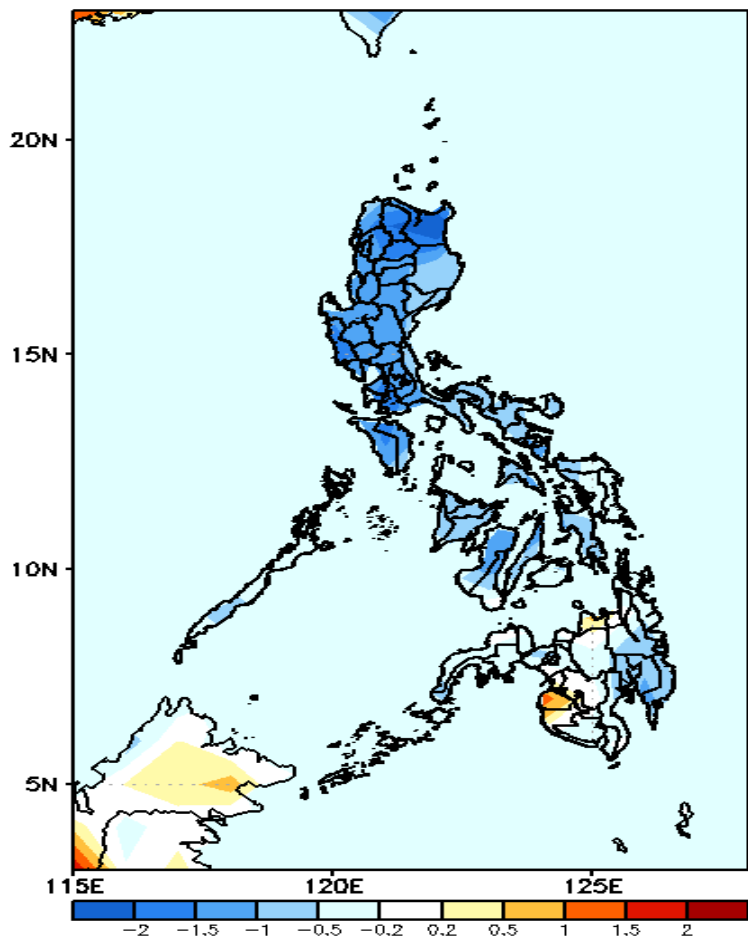


Less probability of rainfall to exceed 200mm in most parts of the country is expected during the forecast period.



GEFS Week-1 & 2 Forecasts: T2m Anomaly

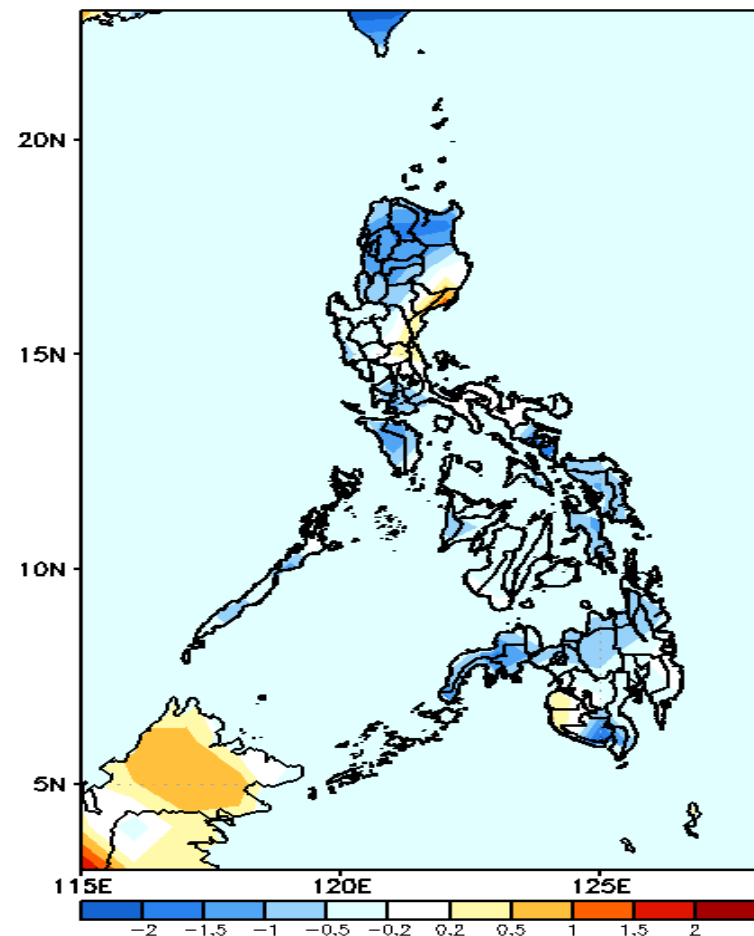
GEFS Week-1 T2m Anomaly
Valid: 20211206 – 20211212



2m Temperature Week 1: Dec 06-12, 2021

Cooler than average surface air temperature will likely experience in most parts of Luzon and Visayas while Average to slightly cooler in Mindanao during the forecast period.

GEFS Week-2 T2m Anomaly
Valid: 20211213 – 20211219



2m Temperature Week 2: Dec 13-19, 2021

Cooler than average surface air temperature will likely experience in most parts of Ilocos & Cordillera Region and Isabela, , while average to slightly cooler for the rest of the country during the forecast period.