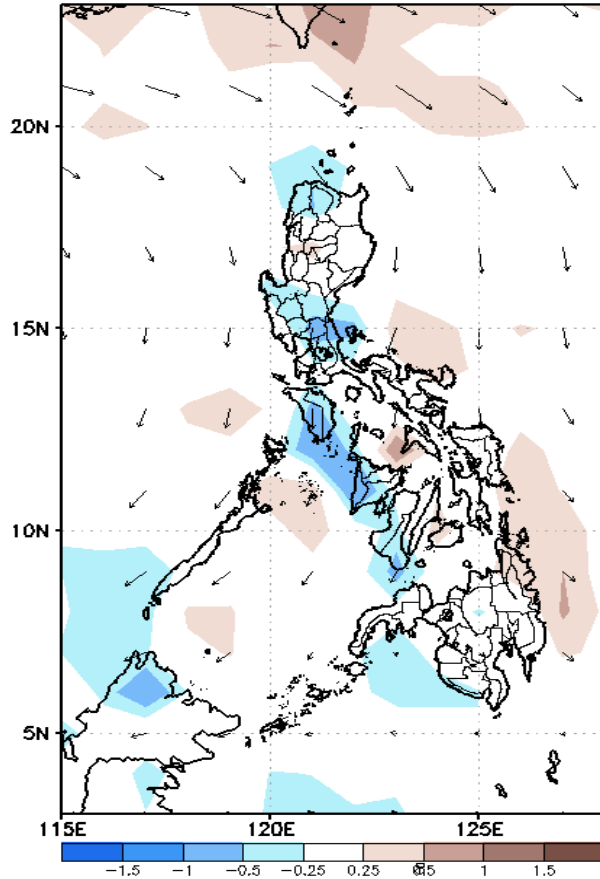# Week 1 & Week 2 Forecast for the Philippines **using GEFS Model**
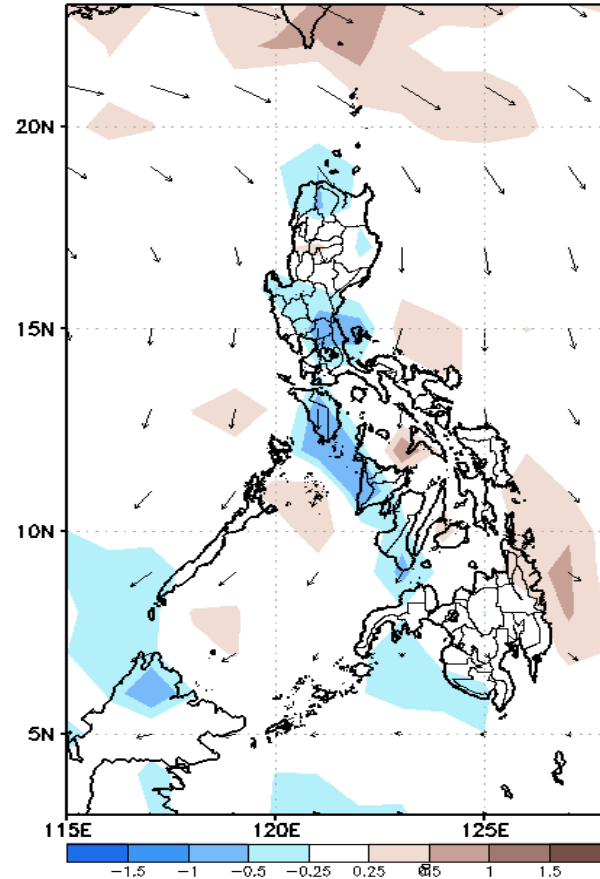
GEFS Week-1 Forecasts: Divergence & Wind Anomaly

Week 1:   March 04-10, 2021
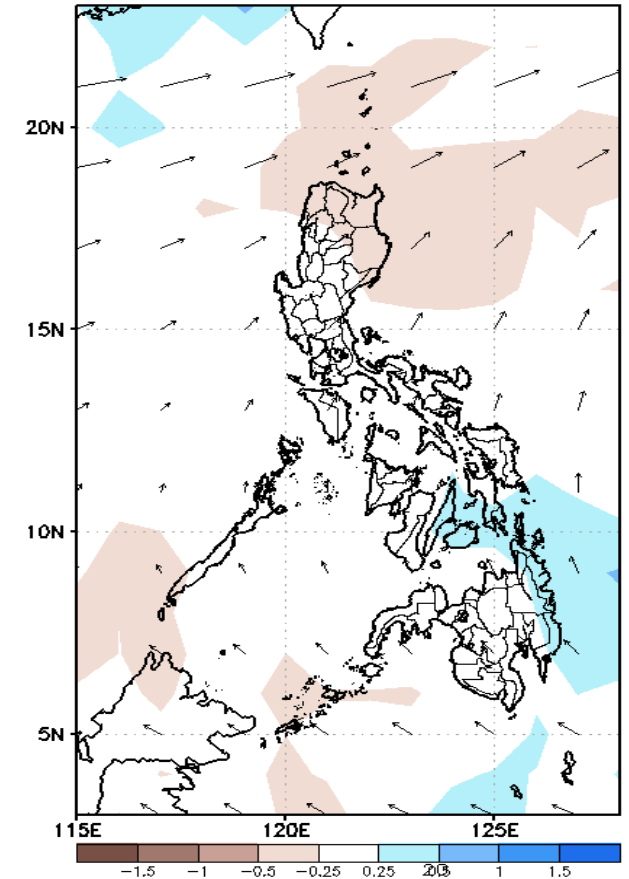

Upper and low level Divergence suggest likelihood of precipitation in Ilocos Norte, Apayao, Central Luzon and some parts of Western Visayas. Easterlies affecting most parts of the country. Northeast Monsoon affecting Extreme Northern Luzon during the forecast period.

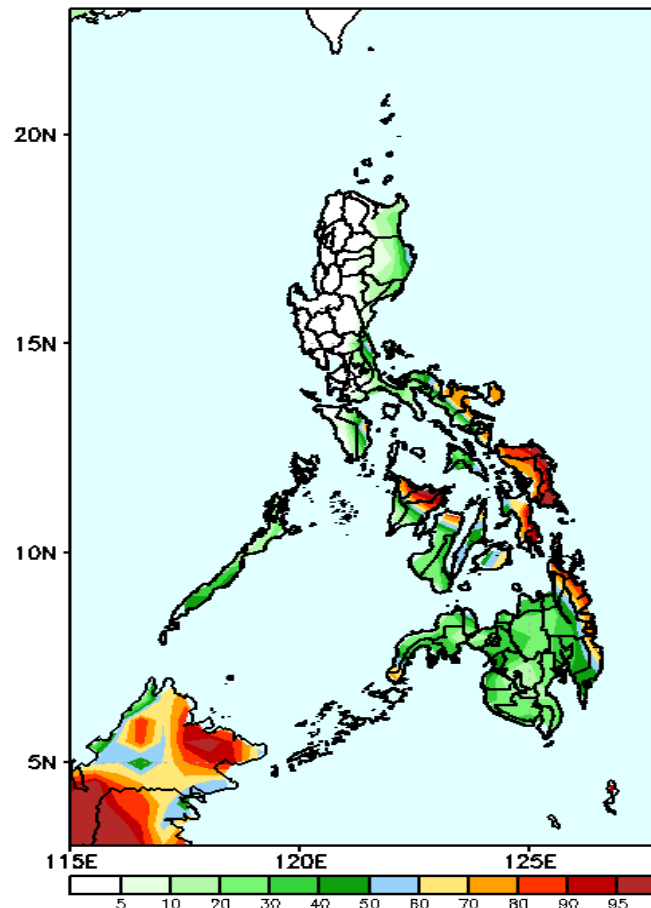# Precipitation Anomaly and Exceedance Probability > 25/50 mm

Week 1:   March 04-10, 2021

GEFS Week-1 Precip Anomaly
Valid: 20210304 − 20210310

GEFS Week-1 Exceedance Prob. > 25mm
Valid: 20210304 − 20210310

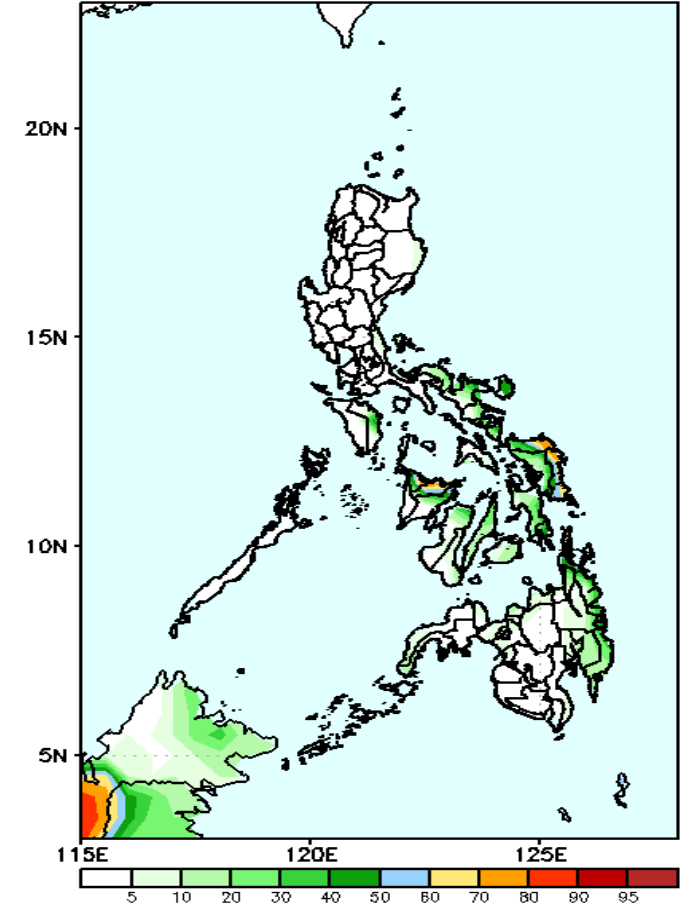GEFS Week-1 Exceedance Prob. > 50mm
Valid: 20210304 − 20210310
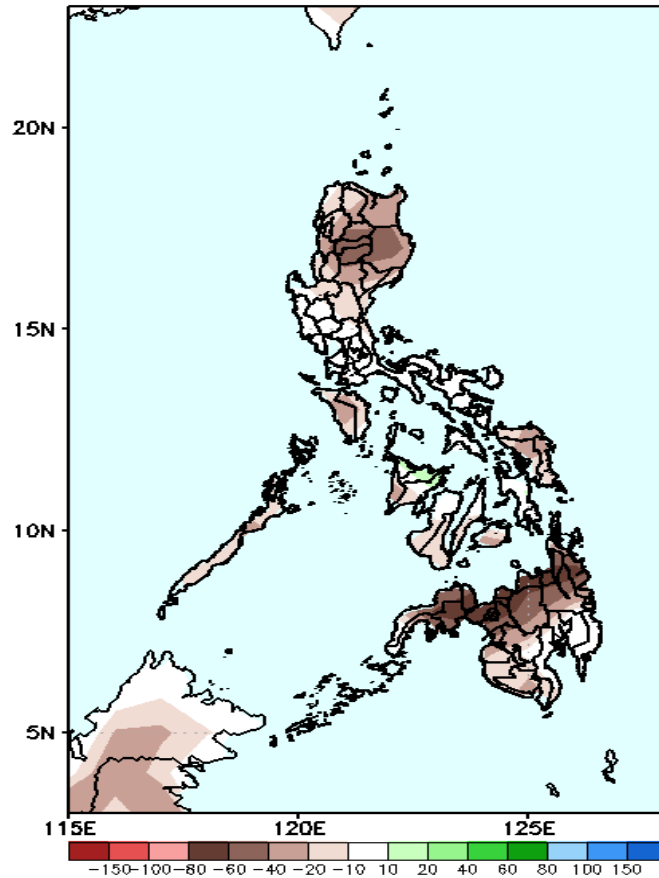
Rainfall deficit of up to 80mm is expected in most parts Cagayan Valley, Cordillera Region, Samar Provinces, in CARAGA, Northern Mindanao and Zamboanga Peninsula while 20-60mm rainfall deficit in the remaining parts of the country.

High probability of rainfall to exceed 25mm in Camarines Sur, Catanduanes, Eastern Visayas, Aklan, Capiz, Agusan del Norte and Tagum while less likely for rest of the country during the forecast period.
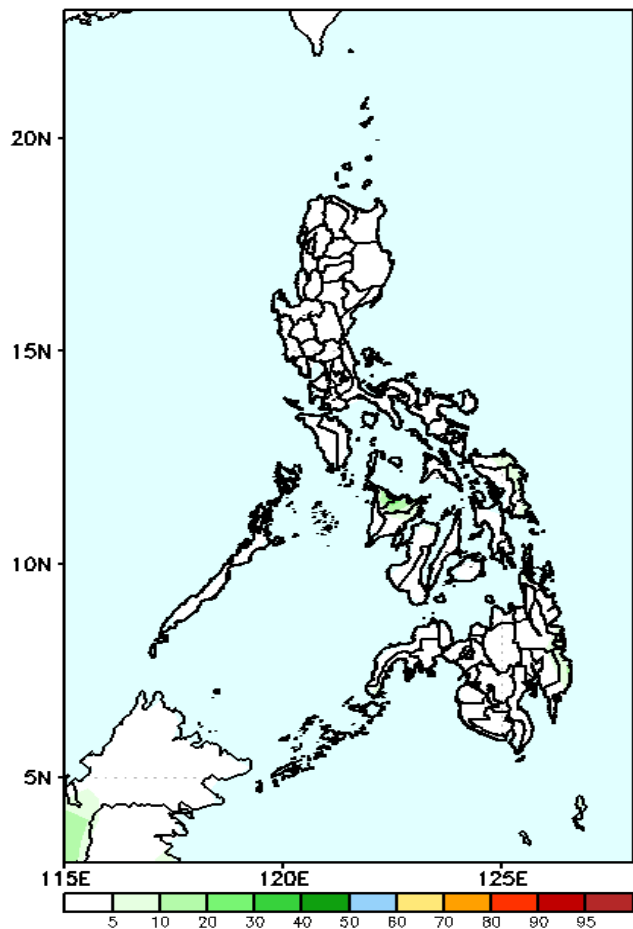
Less probability of rainfall to exceed 50mm in most parts of the country except eastern parts of Samar Provinces where there is high probability during the forecast period.
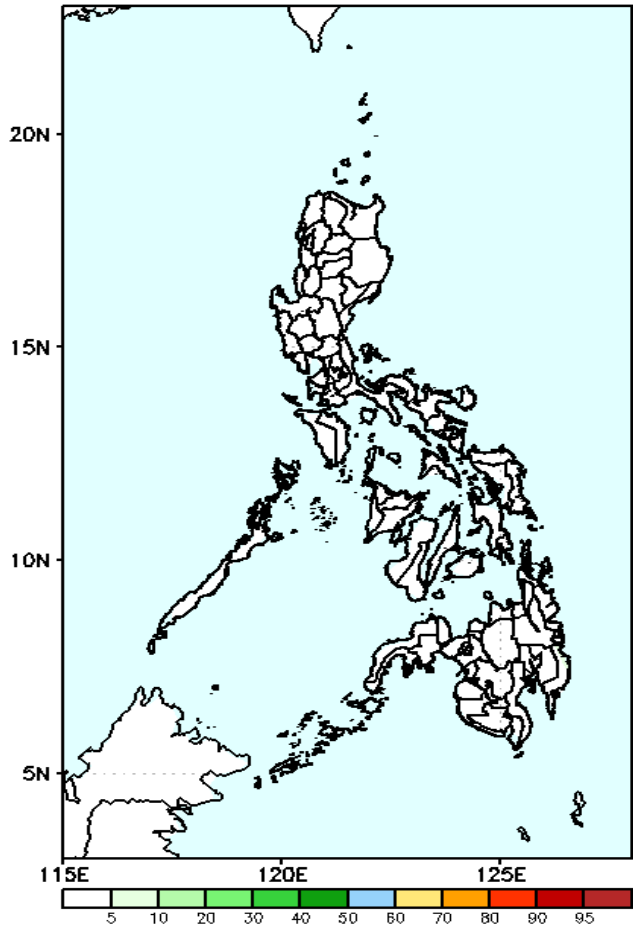
Exceedance Probability > 100/150/200 mm

Week 1:   March 04-10, 2021

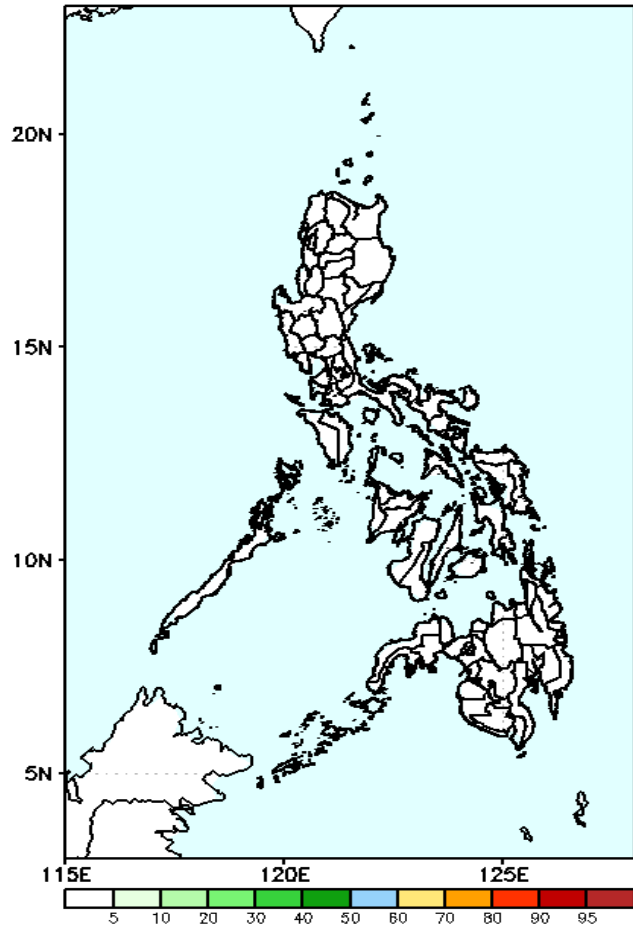GEFS Week-1 Exceedance Prob. > 100mm
Valid: 20210304 - 20210310

GEFS Week-1 Exceedance Prob. > 150mm
Valid: 20210304 - 20210310

GEFS Week-1 Exceedance Prob. > 200mm
Valid: 20210304 - 20210310

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

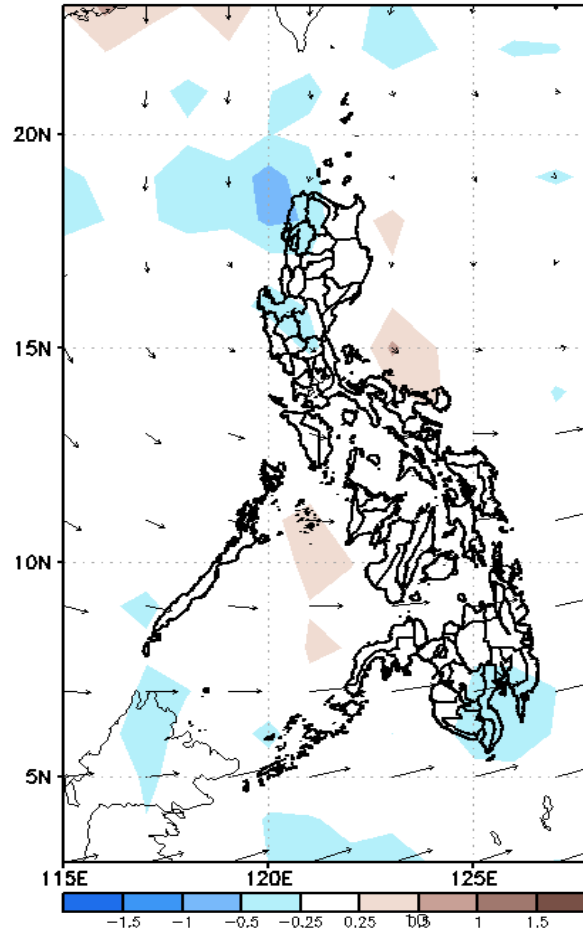Less probability of rainfall to exceed 150mm in most parts of the country during the forecast period.

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

The Weather and Climate Authority

GEFS Week-2 Forecasts: Divergence & Wind Anomaly
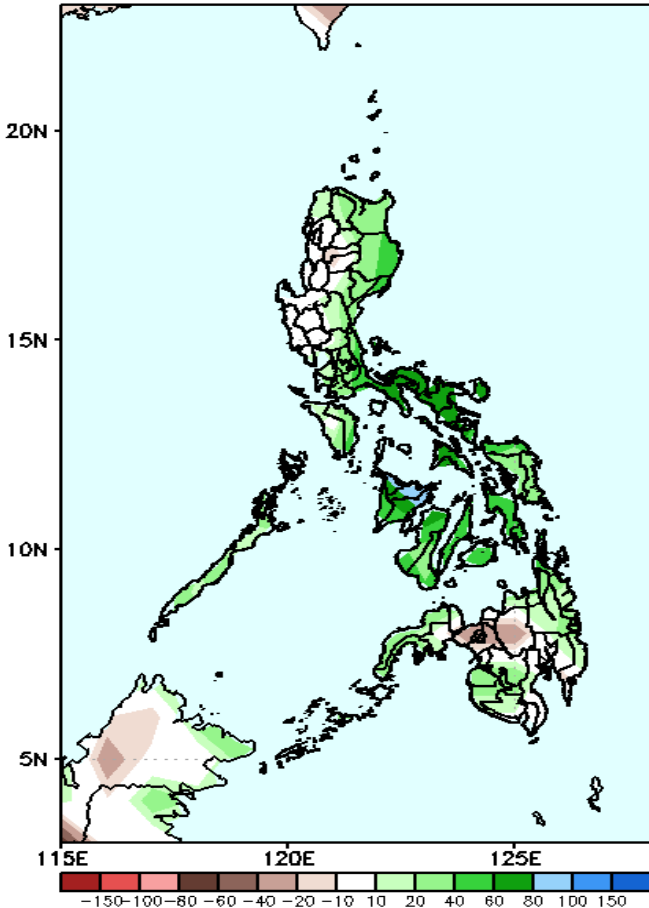
Week 2: March 11-17, 2021

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

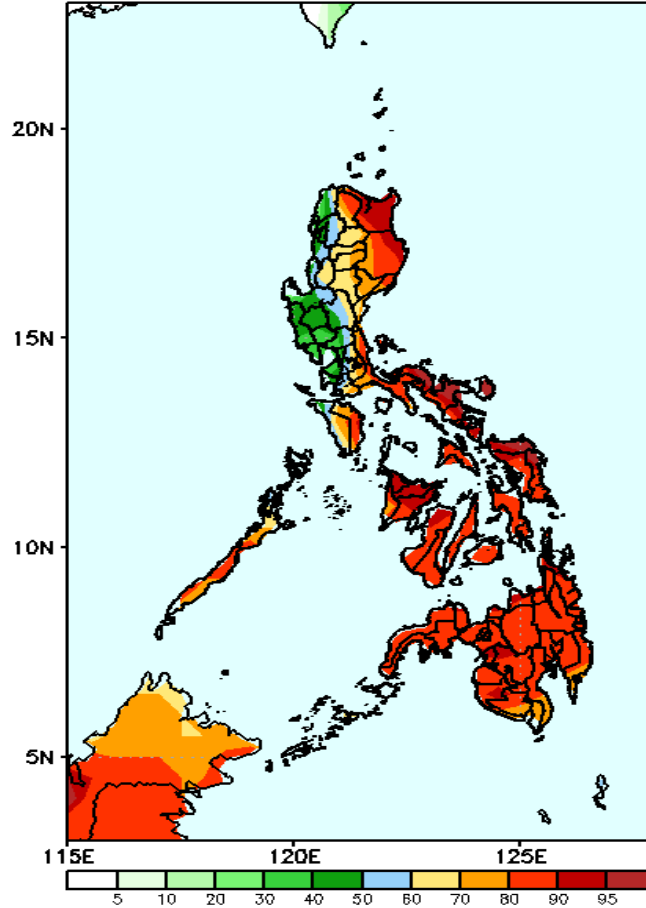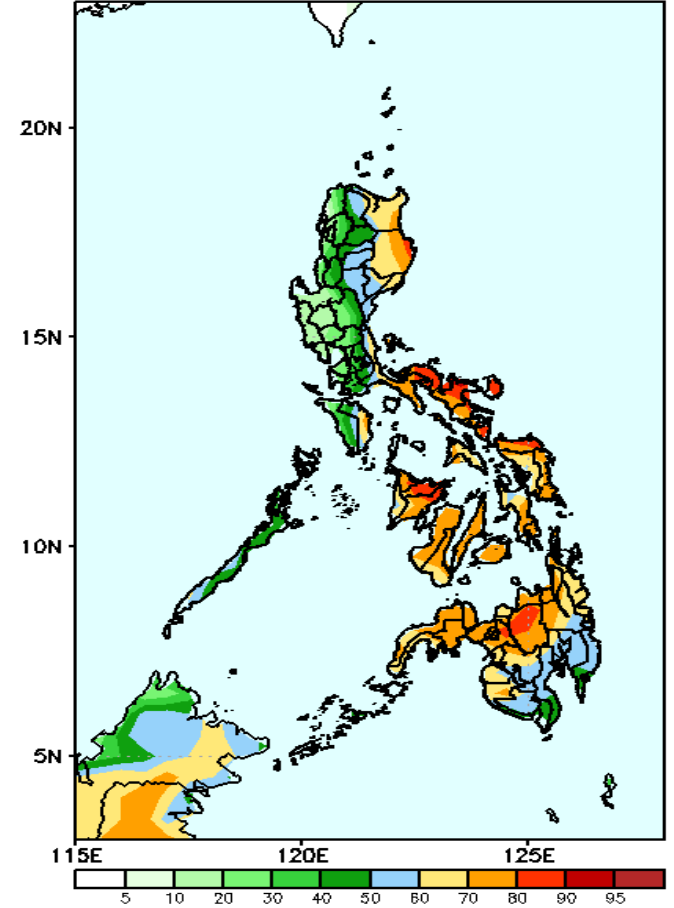# Precipitation Anomaly and Exceedance Probability > 25/50 mm

Week 2: March 11-17, 2021

Increase of rainfall of 40-80mm is expected in most parts of the country except in western Luzon and Malaybalay.

High probability of rainfall to exceed 25mm in most parts of Cagayan Valley, Cordillera Region, Southern Luzon and Visayas & Mindanao while less likely for the rest of Luzon during the forecast period.
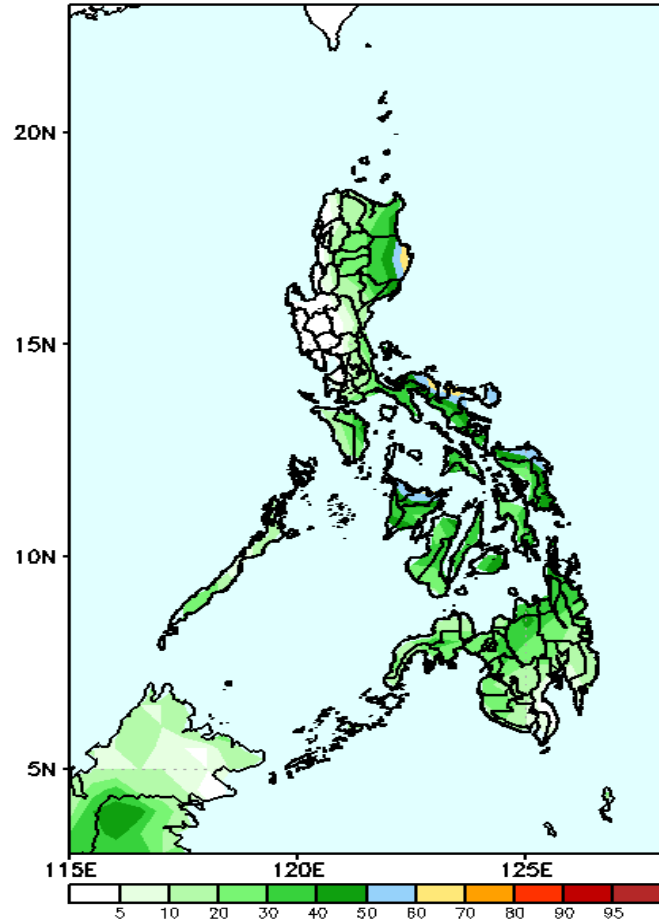
High probability of rainfall to exceed 50mm in most parts of Cagayan & Isabela, Bicol region, entire Visayas and northern half of Mindanao while less likely for the rest of the country during the forecast period.
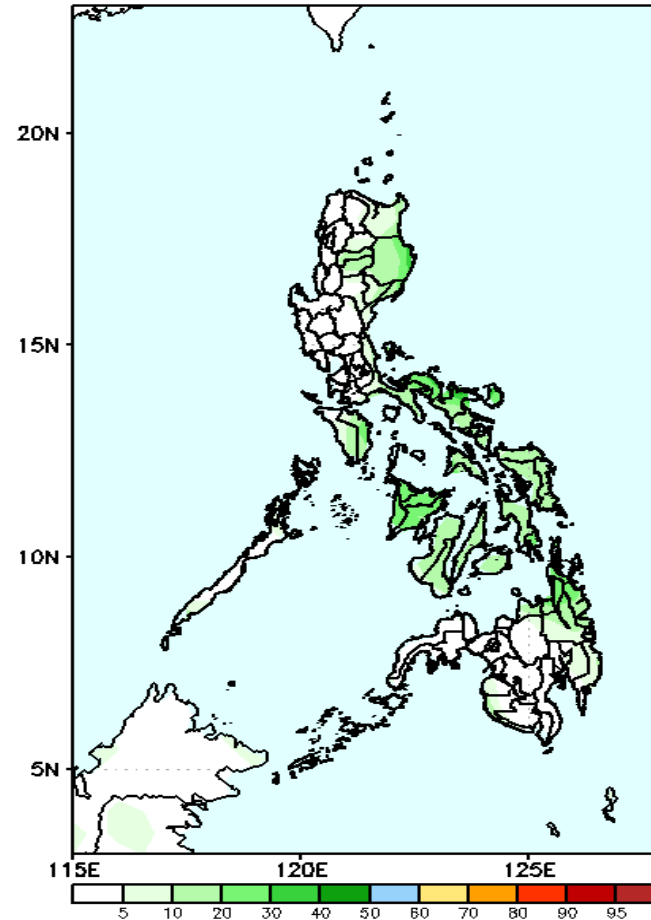
Exceedance Probability > 100/150/200 mm

Week 2: March 11-17, 2021

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

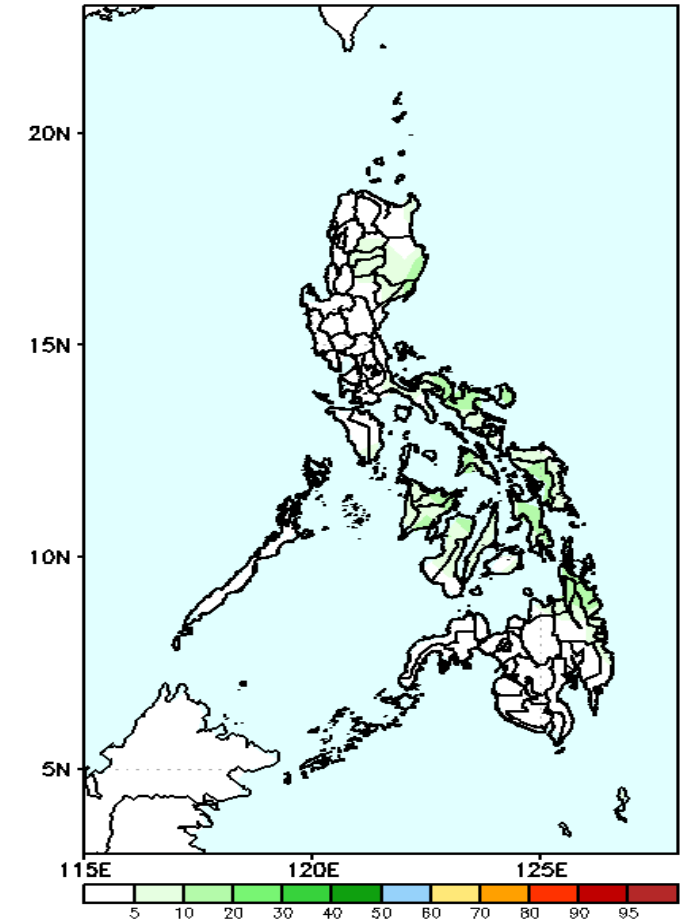Less probability of rainfall to exceed 150mm in most parts of the country during the forecast period.

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

GEFS Week—1 T2m Anomaly
Valid: 20210304 — 20210310

GEFS Week—2 T2m Anomaly
Valid: 20210311 — 20210317
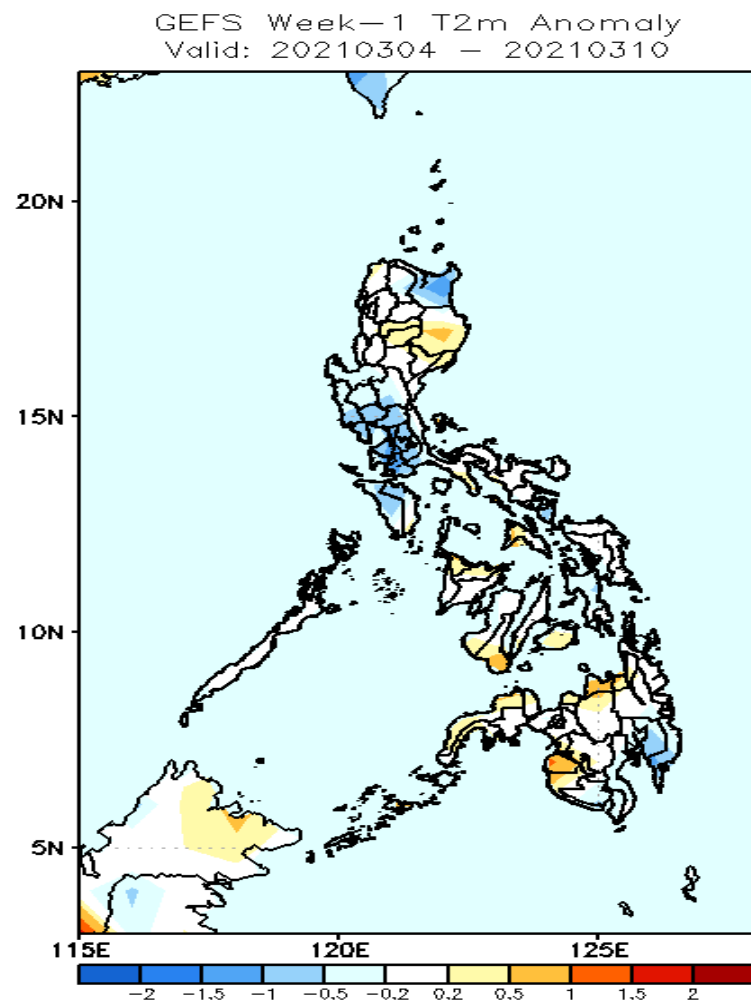
2m Temperature Week 1: March 04-10, 2021

Average to slightly cooler than average surface air temperature is expected most parts of the country except in Isabela, Misamis Oriental and Maguindanao where slightly warmer temperature is likely during the forecast period.
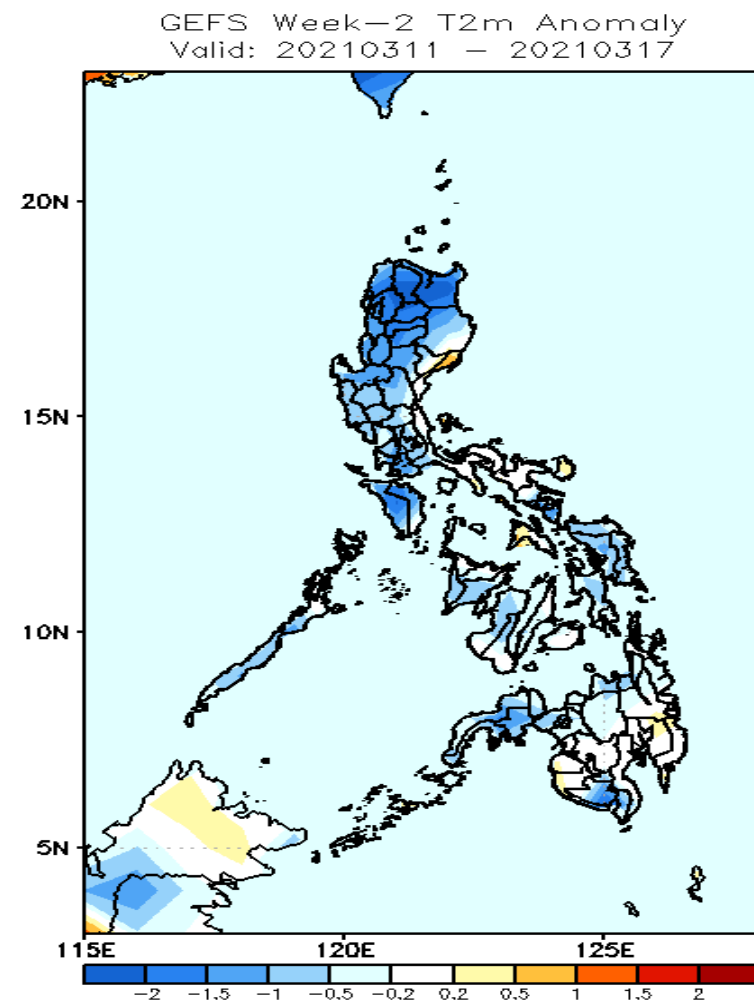
2m Temperature Week 2: March 11-17, 2021

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