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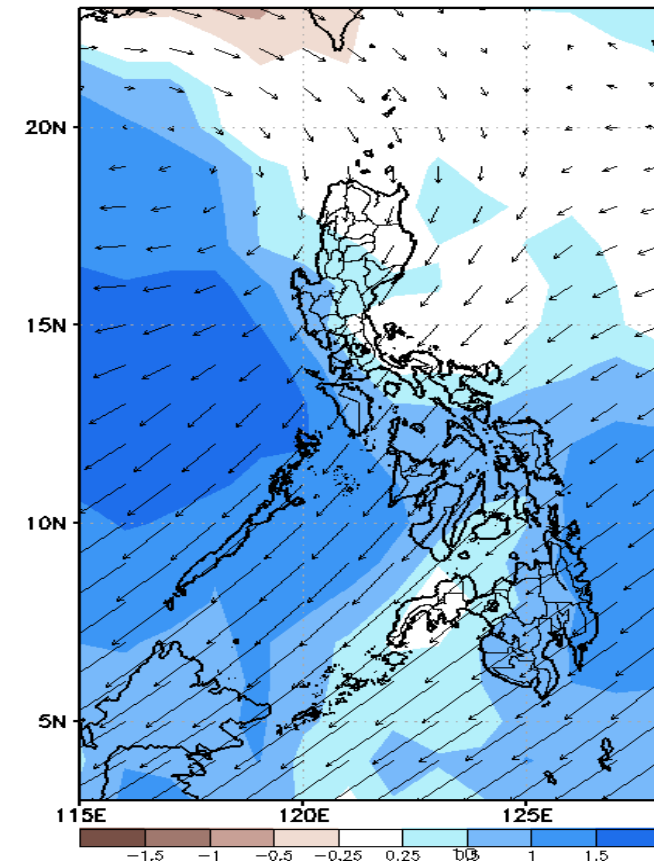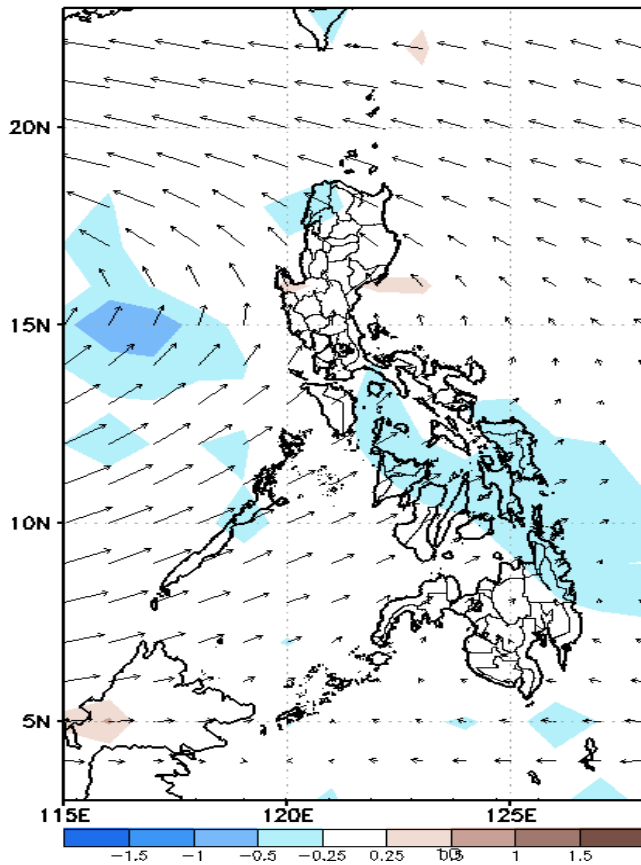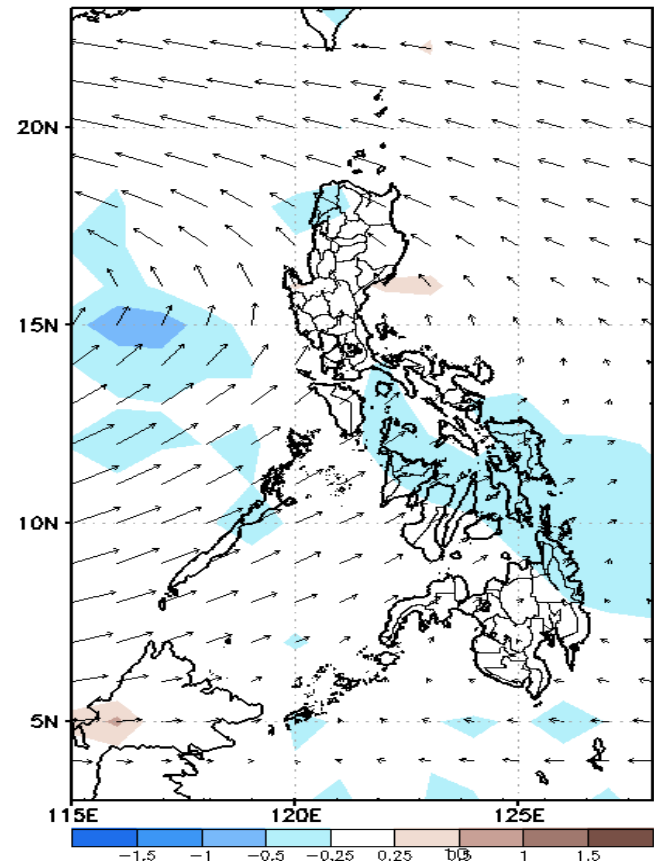
GEFS Week-1 Forecasts: Wind Anomaly Forecast

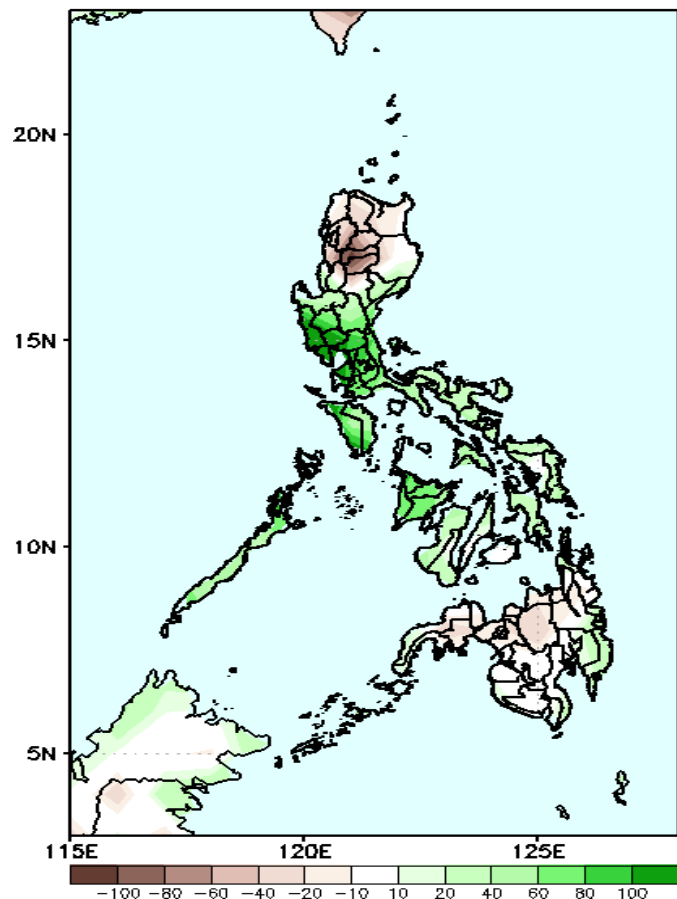**Week 1: Sep 26- Oct 02, 2022**

Easterlies affecting Extreme Northern Central Luzon. Southwest Monsoon affecting most parts of the country during the forecast period.
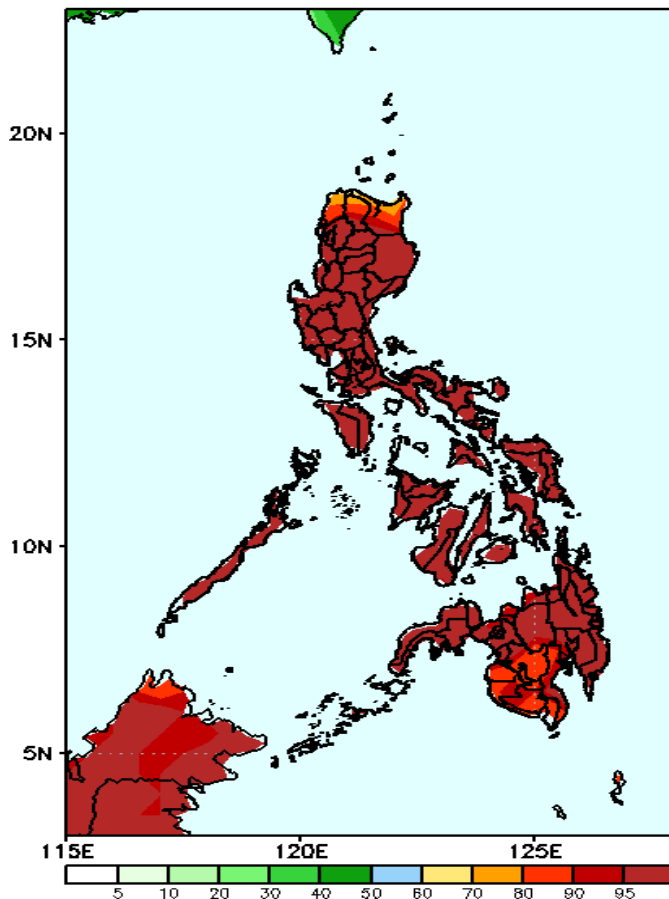
Precipitation Anomaly and Exceedance Probability > 25/50 mm

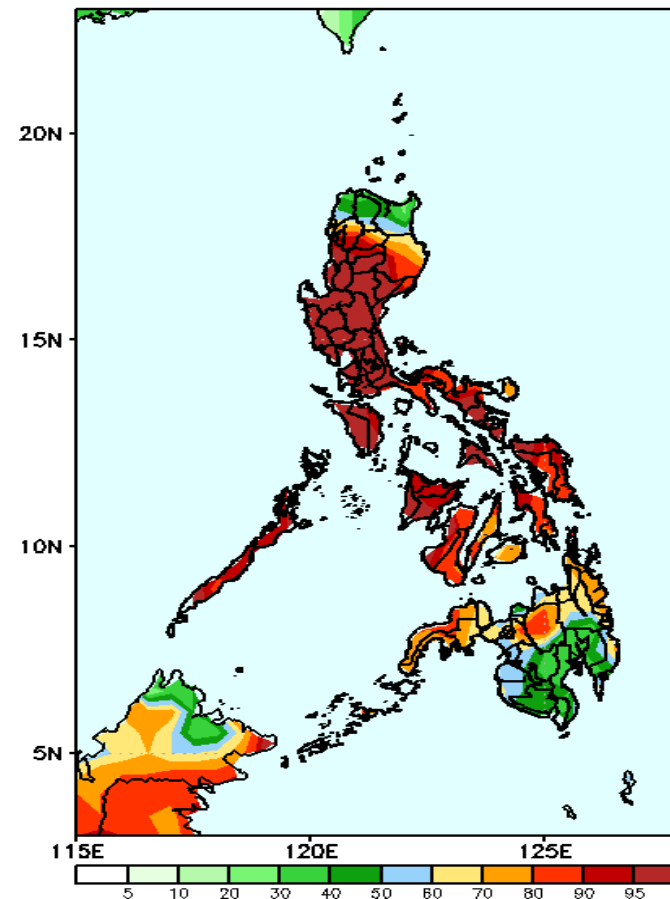## Week 1: Sep 26- Oct 02, 2022

GEFS Week-1 Precip Anomaly
Valid: 20220926 - 20221002

GEFS Week-1 Exceedance Prob. > 25mm
Valid: 20220926 - 20221002

GEFS Week-1 Exceedance Prob. > 50mm
Valid: 20220926 - 20221002

Increase of rainfall of 40-100mm is expected in Central & Southern Luzon, Bicol Region, Visayas and Davao Region while rainfall deficit of 40-80mm is more likely in Ilocos and Cordillera Region and most of Mindanao during he forecast period.

High probability of rainfall to exceed 25mm in most parts of the country during the forecast period.
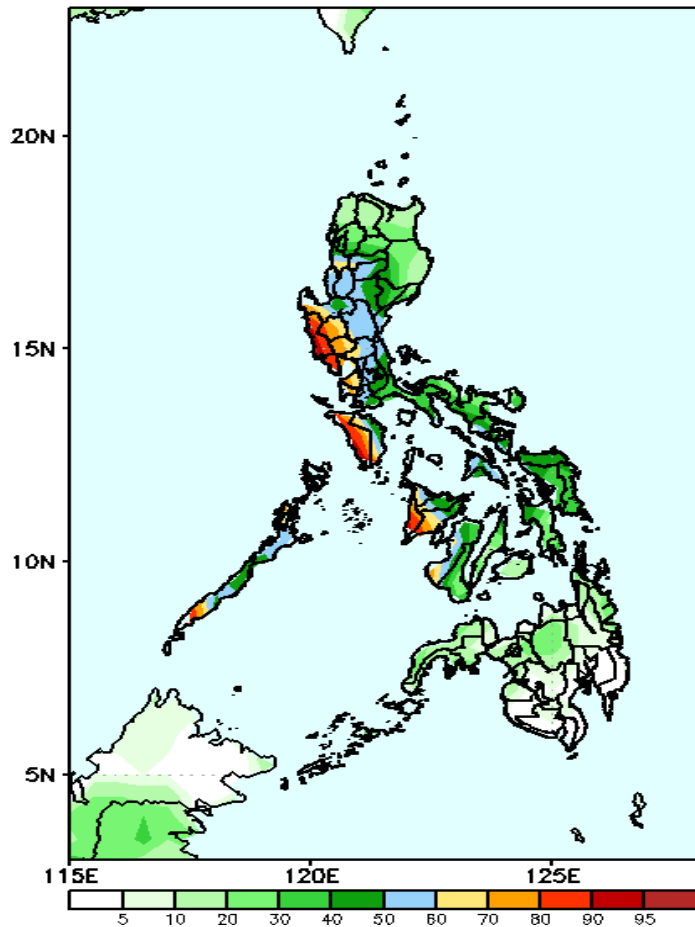
High probability of rainfall to exceed 50mm in most parts of the country except Ilocos Norte, Apayao, Cagayan and most parts of SOCCSKARGEN and Davao Region during the forecast period.
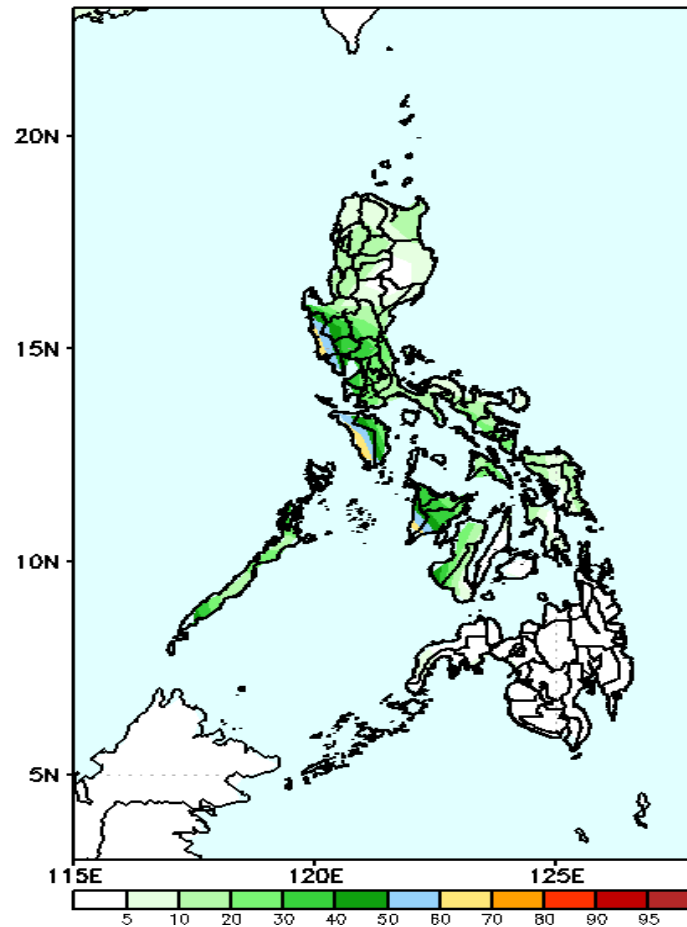
Exceedance Probability > 100/150/200 mm
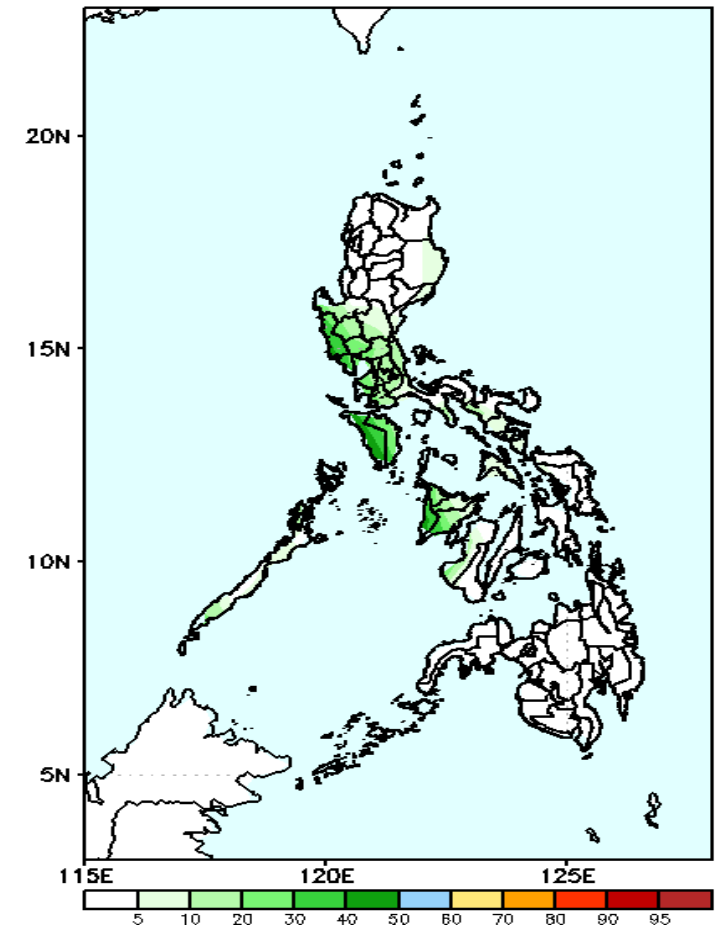
Week 1: Sep 26- Oct 02, 2022

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

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

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

Week 2: Oct 03-09, 2022

GEFS Week–2 850–hPa Divergence and Wind Anomaly
Valid: 20221003 – 20221009

GEFS Week–2 700–hPa Divergence and Wind Anomaly
Valid: 20221003 – 20221009

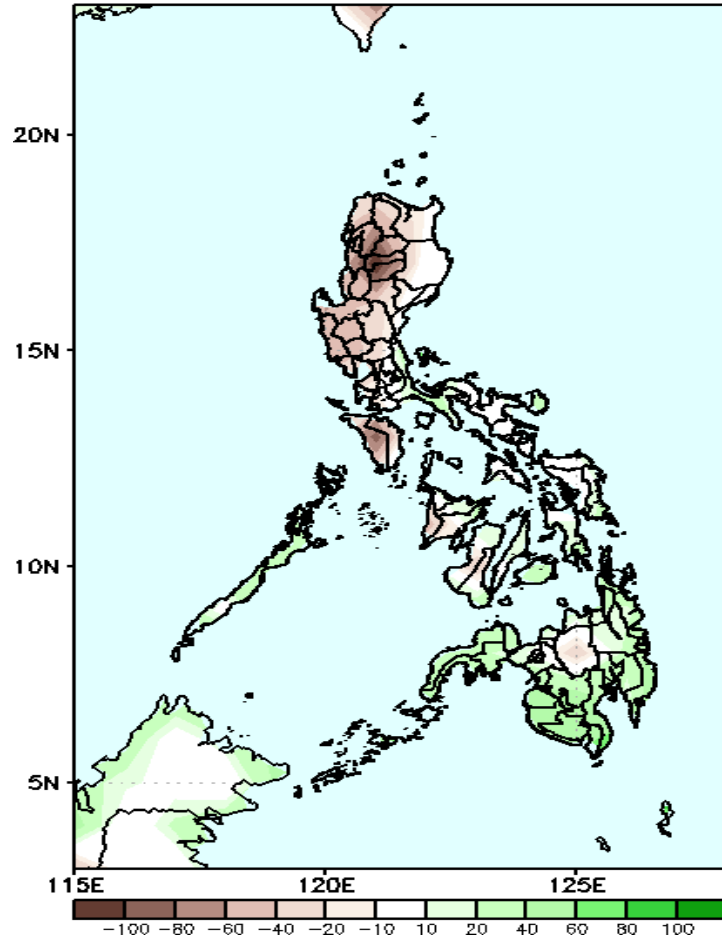GEFS week–2 200–hPa Divergence and Wind Anomaly
Valid: 20221003 – 20221009
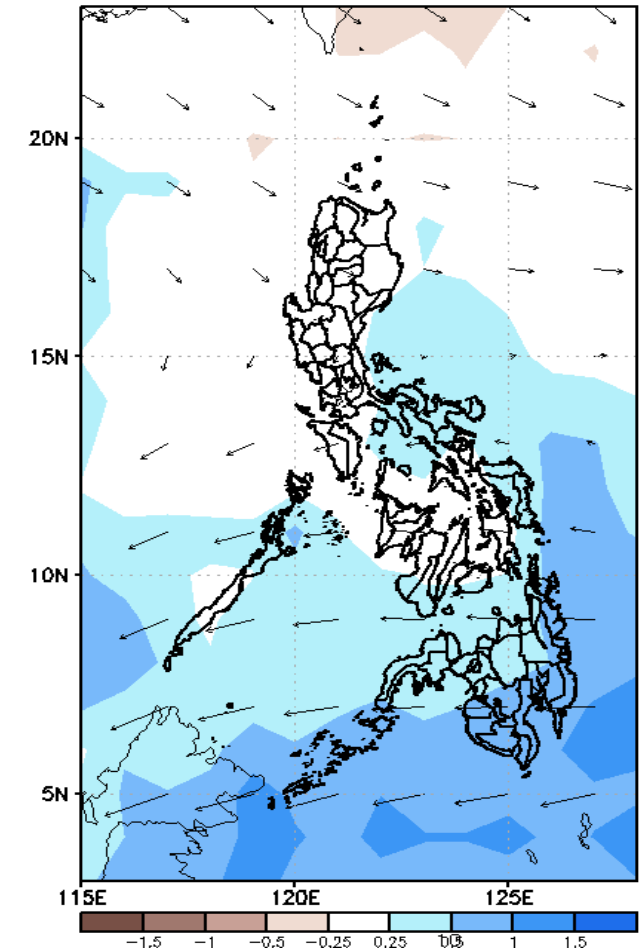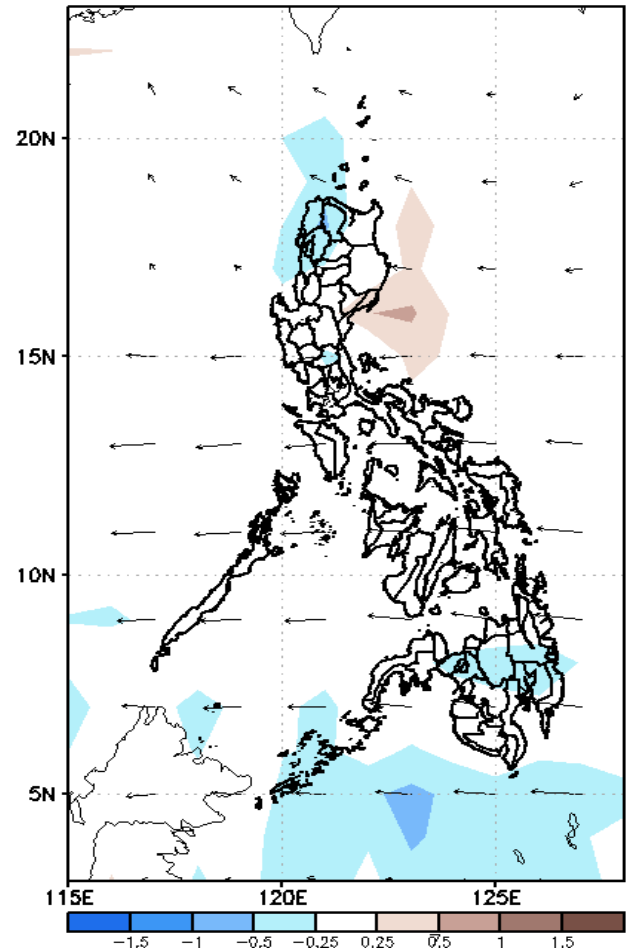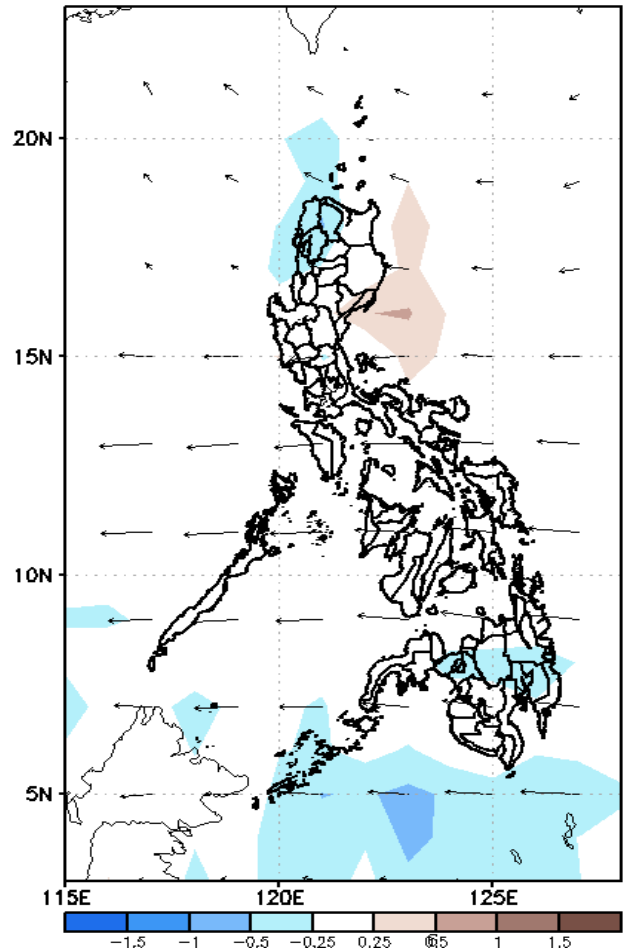
Easterlies affecting most parts of the country during the forecast period.

Payong
PAGASA
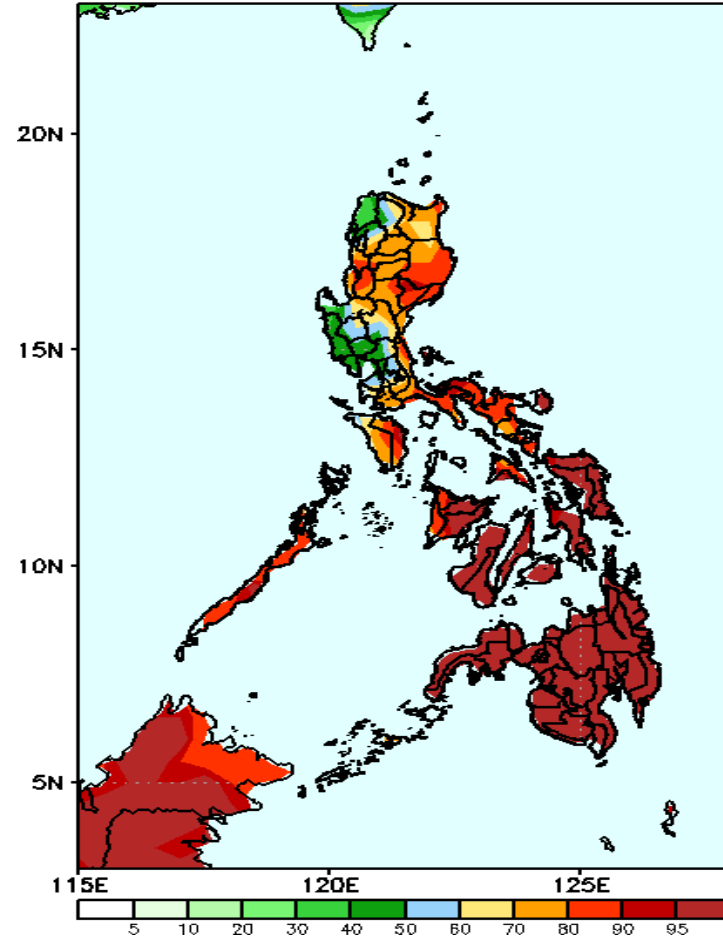
The Weather and Climate Authority

Precipitation Anomaly and Exceedance Probability > 25/50 mm
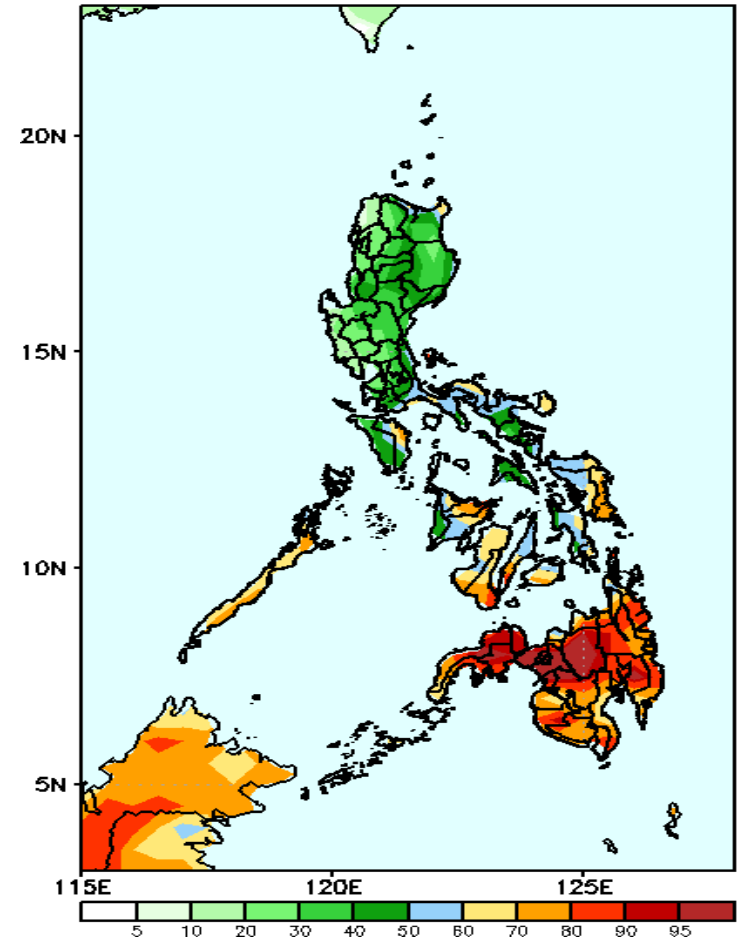
Week 2: Oct 03-09, 2022

GEFS Week-2 Precip Anomaly
Valid: 20221003 - 20221009

GEFS Week-2 Exceedance Prob. > 25mm
Valid: 20221003 - 20221009

GEFS Week-2 Exceedance Prob. > 50mm
Valid: 20221003 - 20221009

Rainfall deficit of 40-100mm is expected in most parts of Luzon and Antique while 40-80mm increase of rainfall is more likely in Palawan, Bohol and most of Mindanao during he forecast period.

High probability of rainfall to exceed 25mm in most parts of the country except Ilocos Norte and some areas in Central Luzon during the forecast period.
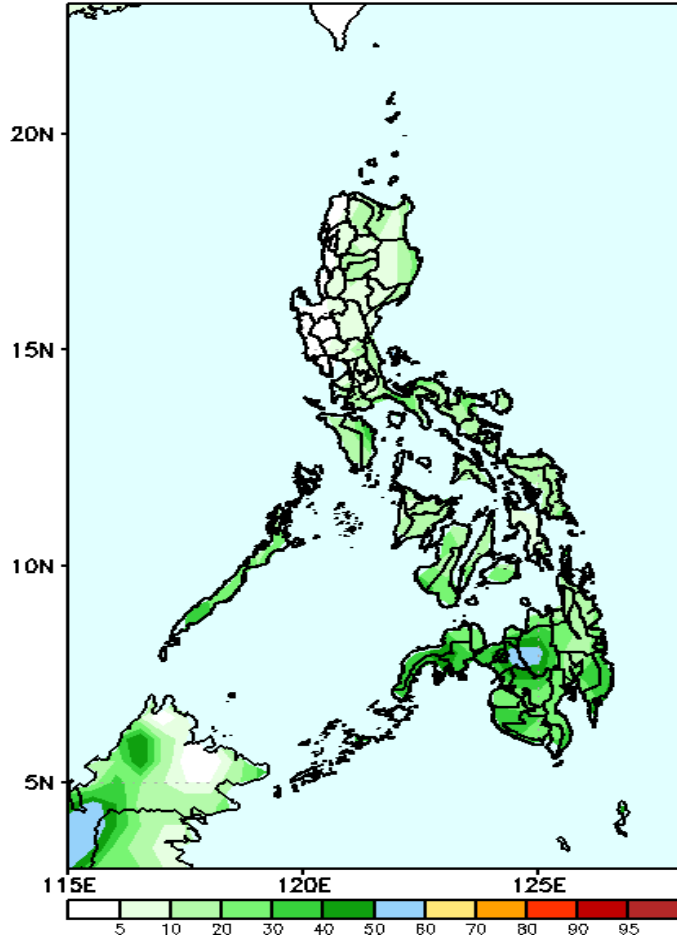
High probability of rainfall to exceed 50mm in most parts of Visayas and Mindanao while less probality in Luzon during the forecast period.

The Weather and Climate Authority

Exceedance Probability > 100/150/200 mm

Week 2: Oct 03-09, 2022

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

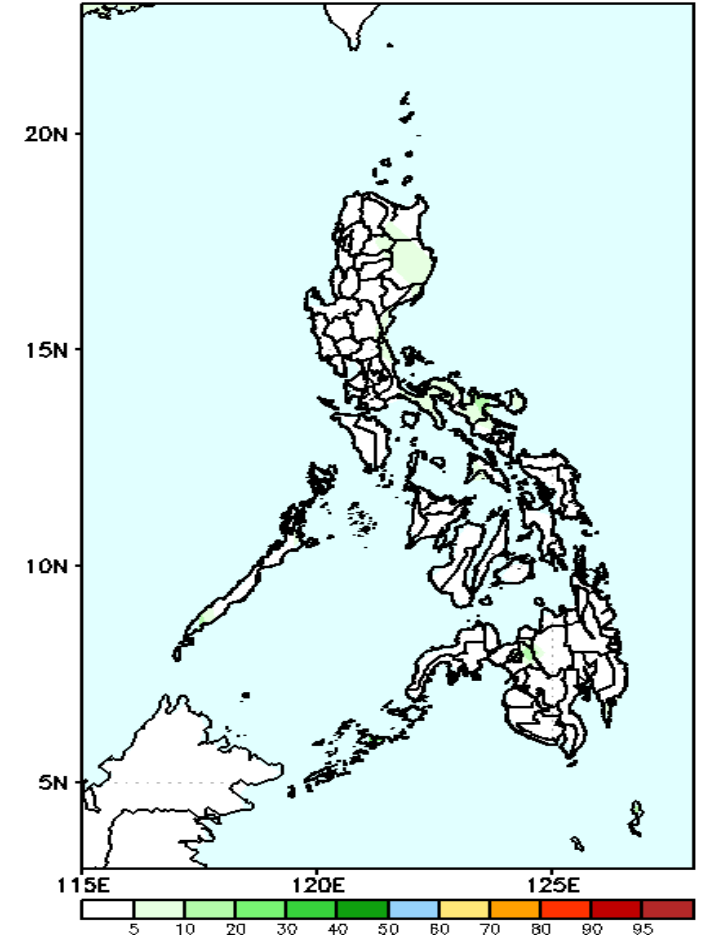Low probability of rainfall to exceed 150mm in most parts of the country during the forecast period.
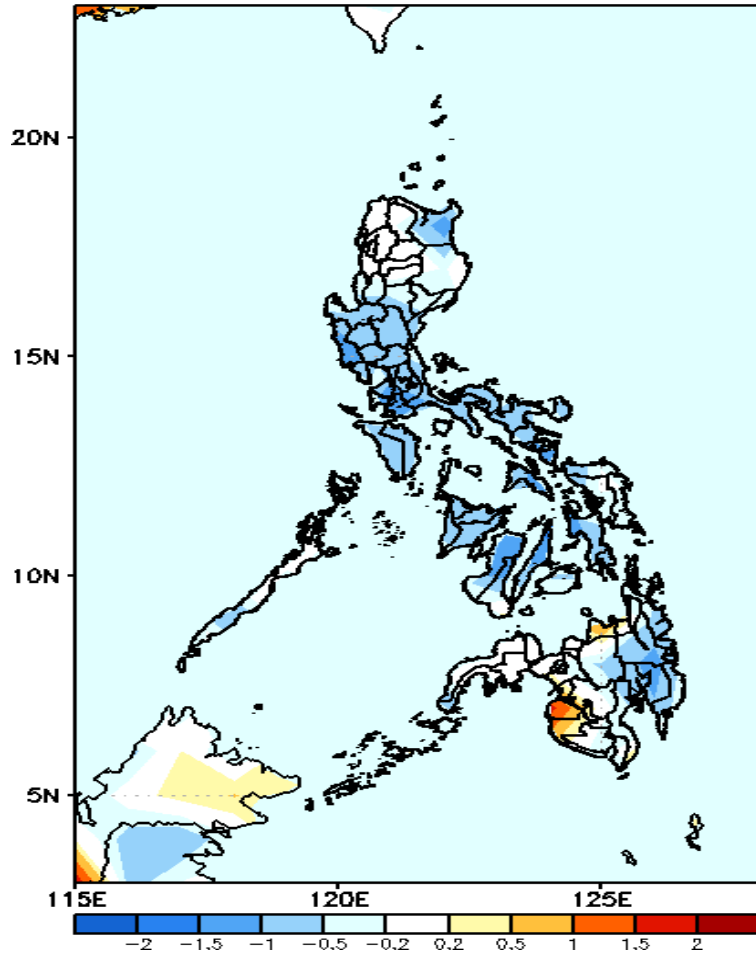
Low probability of rainfall to exceed 200mm in most parts of the country during the forecast period.

GEFS Week-1 & 2 Forecasts: T2m Anomaly

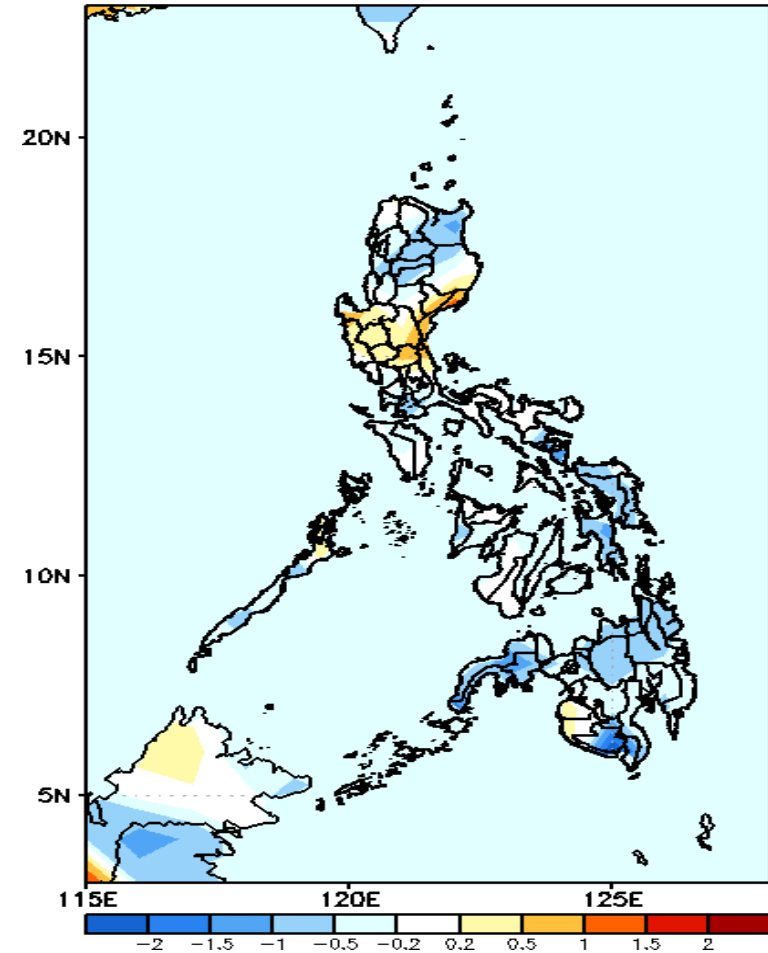**2m Temperature Week 1: Sep 26- Oct 02, 2022**
Near to cooler than average surface air temperature will likely experience in most parts of the country except in Misamis Oriental, Sultan Kudarat & Maguindanao where warmer than average is expected during the forecast period.

2m Temperature Week 2: Oct 03-09, 2022
Near to cooler than average surface air temperature will likely experience in most parts of the country except in Central Luzon where slightly warmer to warmer than average temperature is expected during the forecast period.