



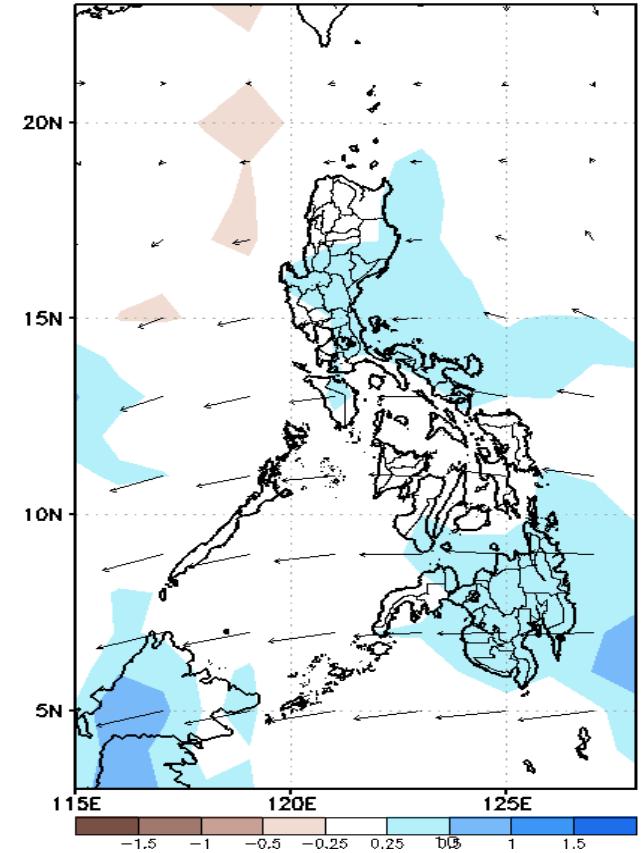
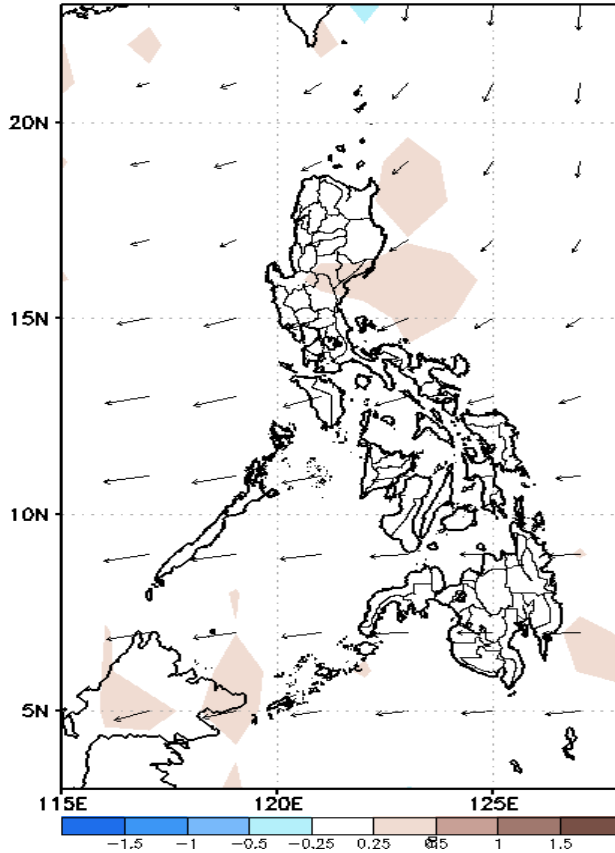
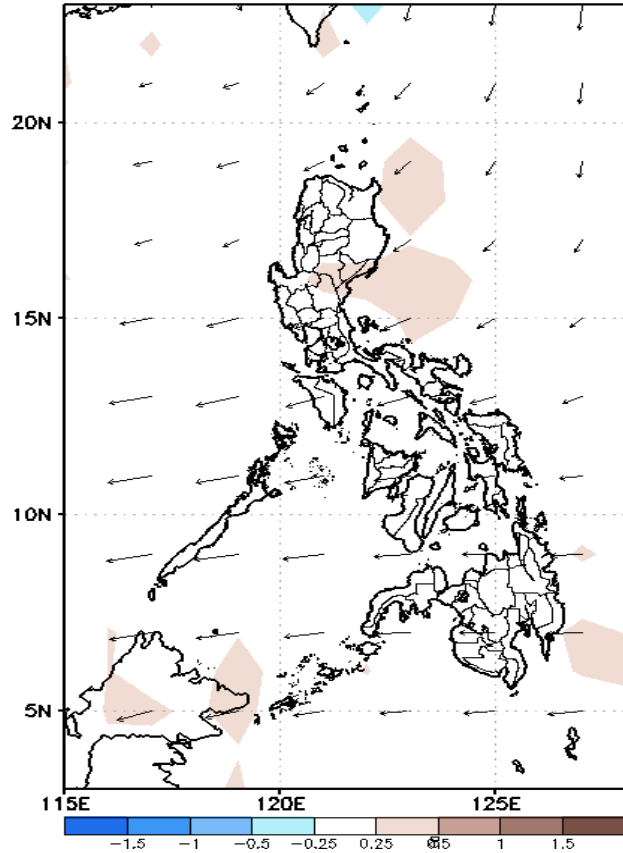
Week 1 & Week 2 Forecast for the Philippines using GEFS Model



GEFS Week-1 Forecasts: Divergence & Wind Anomaly

Week 1: Sep 23-29, 2021

GEFS Week-1 850-hPa Divergence and Wind Anom Valid: 20210923 - 20210929
GEFS Week-1 700-hPa Divergence and Wind Anom Valid: 20210923 - 20210929
GEFS Week-1 200-hPa Divergence and Wind Anom Valid: 20210923 - 20210929

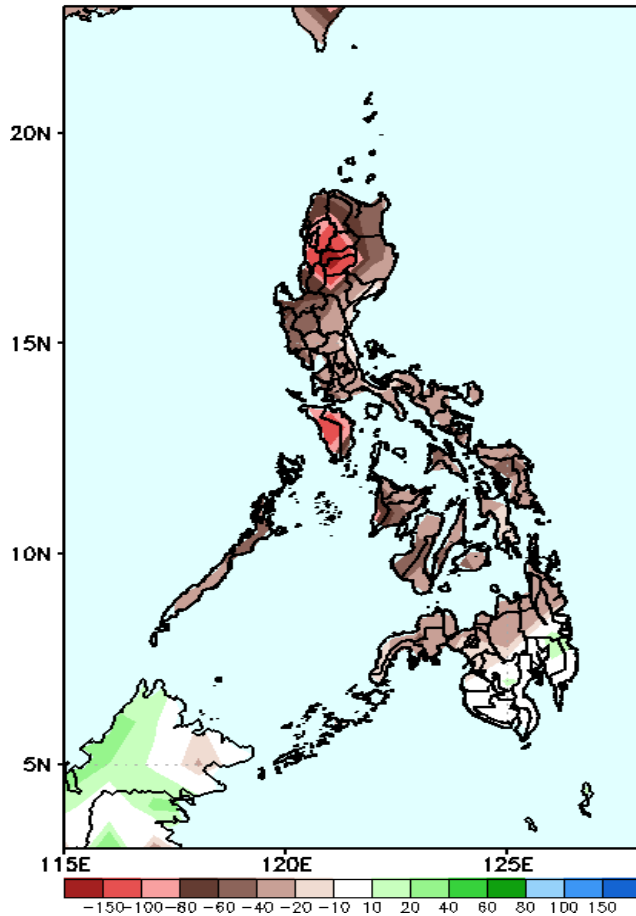


Upper and low level Divergence suggest likelihood of light precipitation in most parts of Luzon, some parts of Visayas and most parts of Mindanao. Southwest windflow affecting Mindanao while Easterlies affecting the rest of the country attributing to light and moderate rains due to thunderstorms during the forecast.

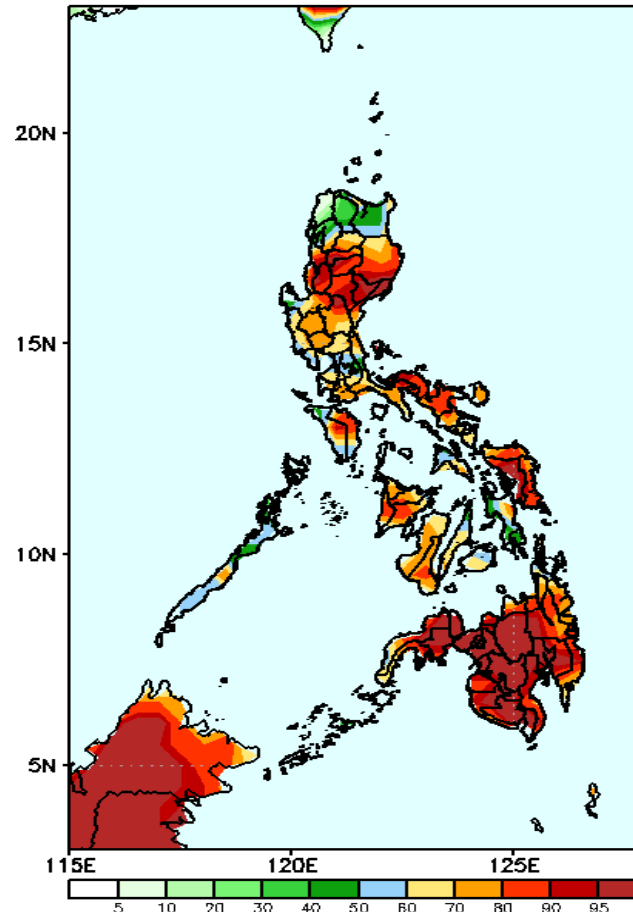
Precipitation Anomaly and Exceedance Probability > 25/50 mm

Week 1: Sep 23-29, 2021

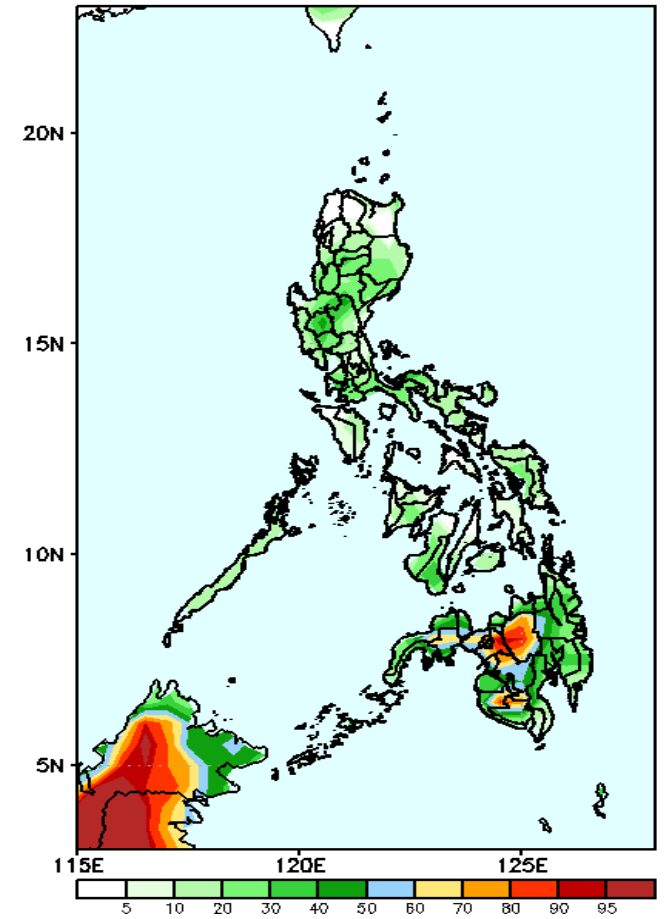
GEFS Week-1 Precip Anomaly
Valid: 20210923 - 20210929



GEFS Week-1 Exceedance Prob. > 25mm
Valid: 20210923 - 20210929



GEFS Week-1 Exceedance Prob. > 50mm
Valid: 20210923 - 20210929



Rainfall deficit of 40-150mm is expected in most parts of the country (especially in Cordillera Region & Mindoro) during the forecast period.

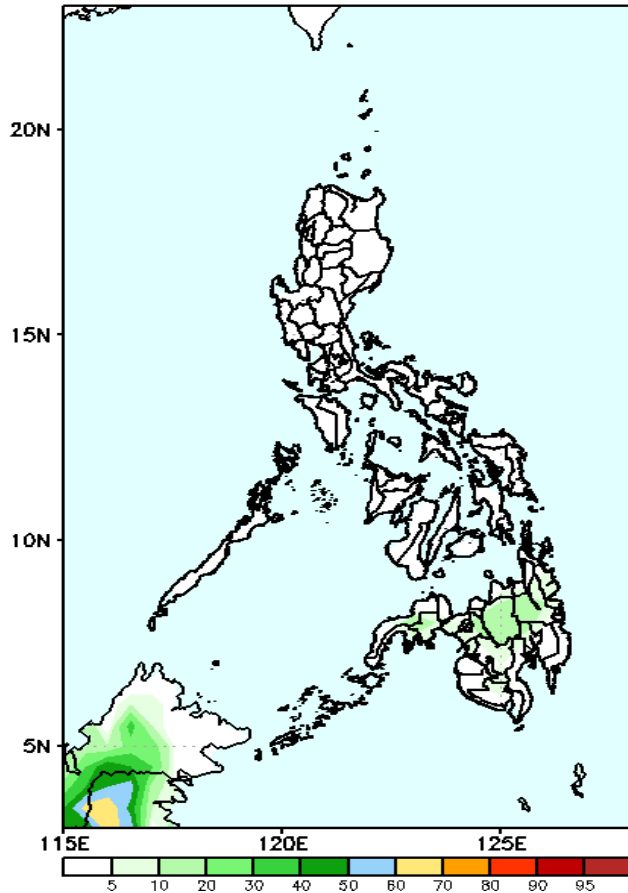
High probability of rainfall to exceed 25mm in most parts of the country except in Ilocos Norte, Apayao & Cagayan during the forecast period.

Less probability of rainfall to exceed 50mm in most parts of the country except in Bukidnon & Lanao del Sur during the forecast period.

Exceedance Probability > 100/150/200 mm

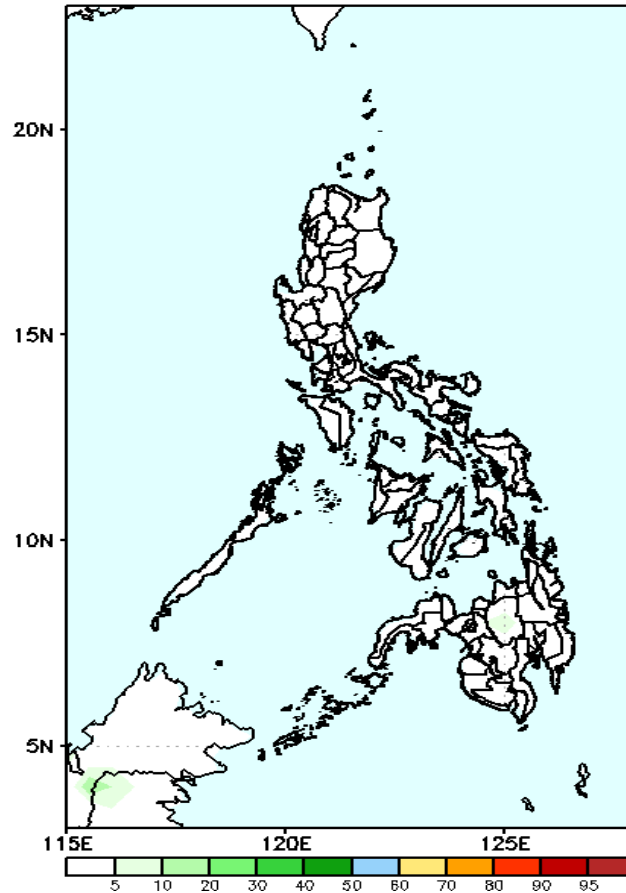
Week 1: Sep 23-29, 2021

GEFS Week-1 Exceedance Prob. > 100mm
Valid: 20210923 - 20210929



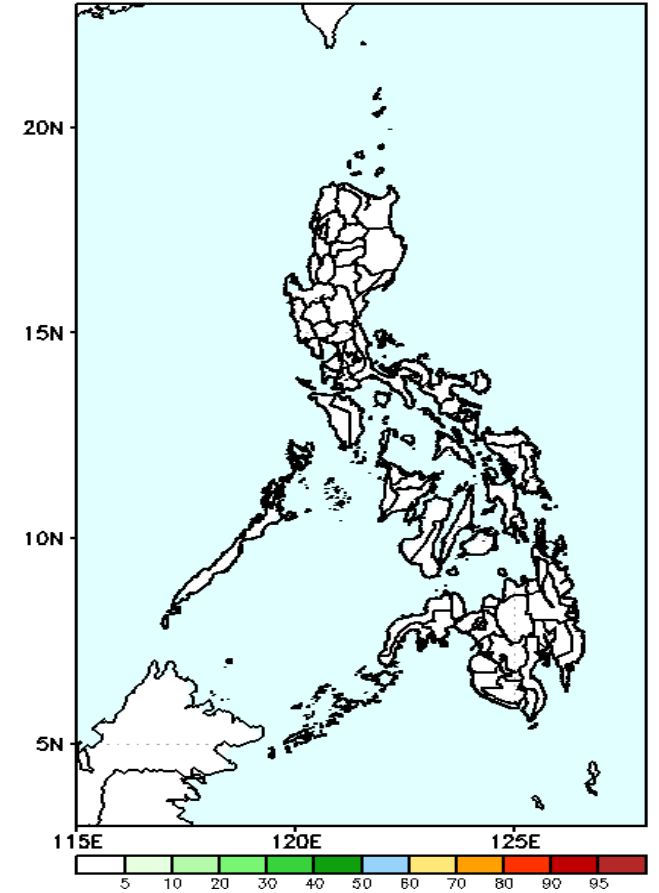
Less probability of rainfall to exceed 100mm in most parts of the country is expected during the forecast period.

GEFS Week-1 Exceedance Prob. > 150mm
Valid: 20210923 - 20210929



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: 20210923 - 20210929



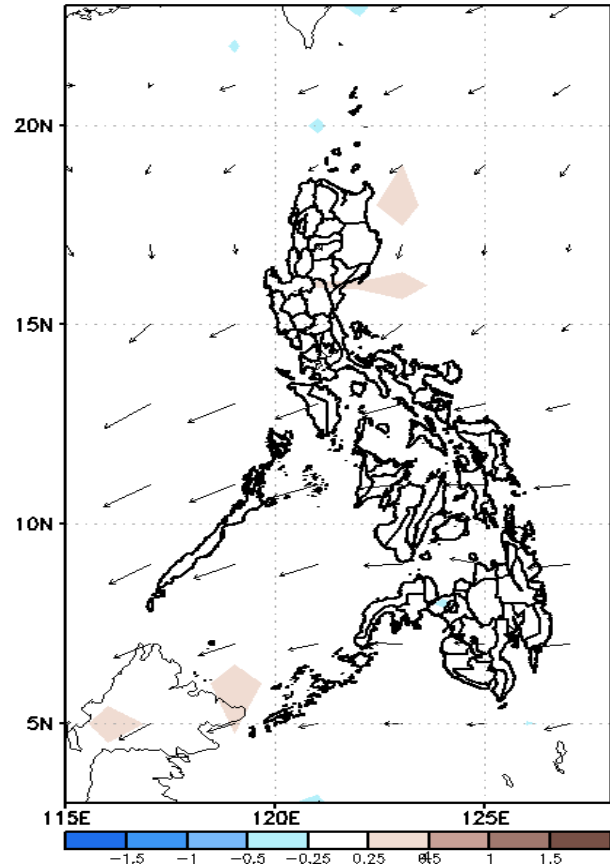
Less probability of rainfall to exceed 200mm in most parts of the country is expected during the forecast period.



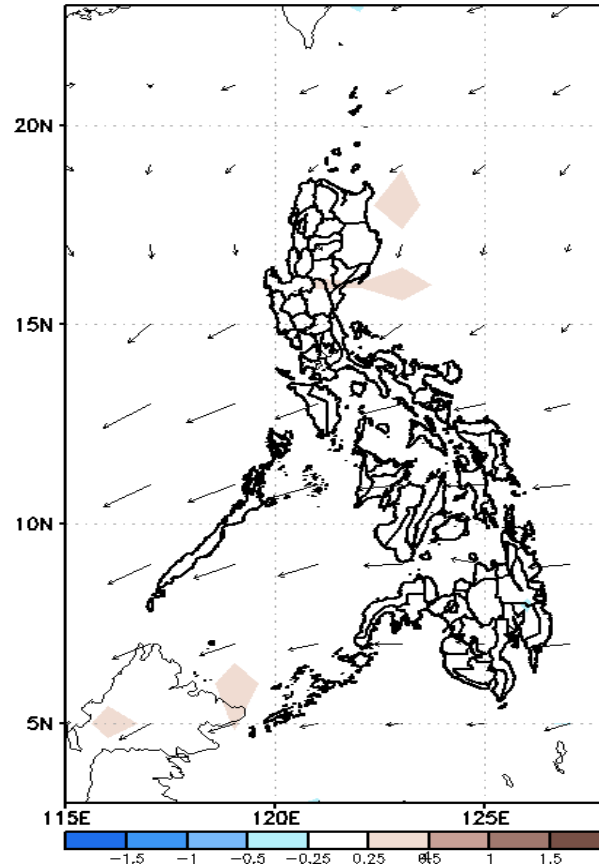
GEFS Week-2 Forecasts: Divergence & Wind Anomaly

Week 2: Sep 30- Oct 06, 2021

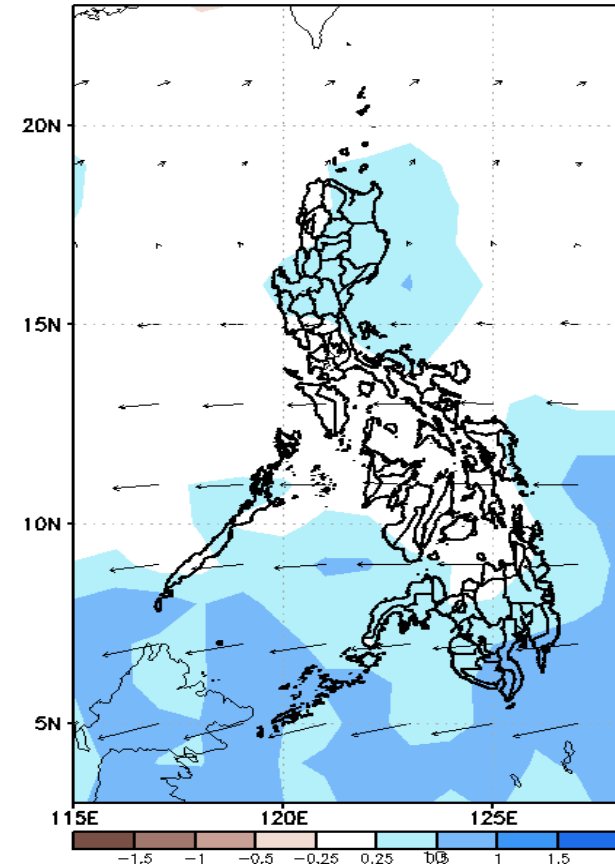
GEFS Week-2 850-hPa Divergence and Wind Anomaly
Valid: 20210930 - 20211006



GEFS Week-2 700-hPa Divergence and Wind Anomaly
Valid: 20210930 - 20211006



GEFS week-2 200-hPa Divergence and Wind Anomaly
Valid: 20210930 - 20211006

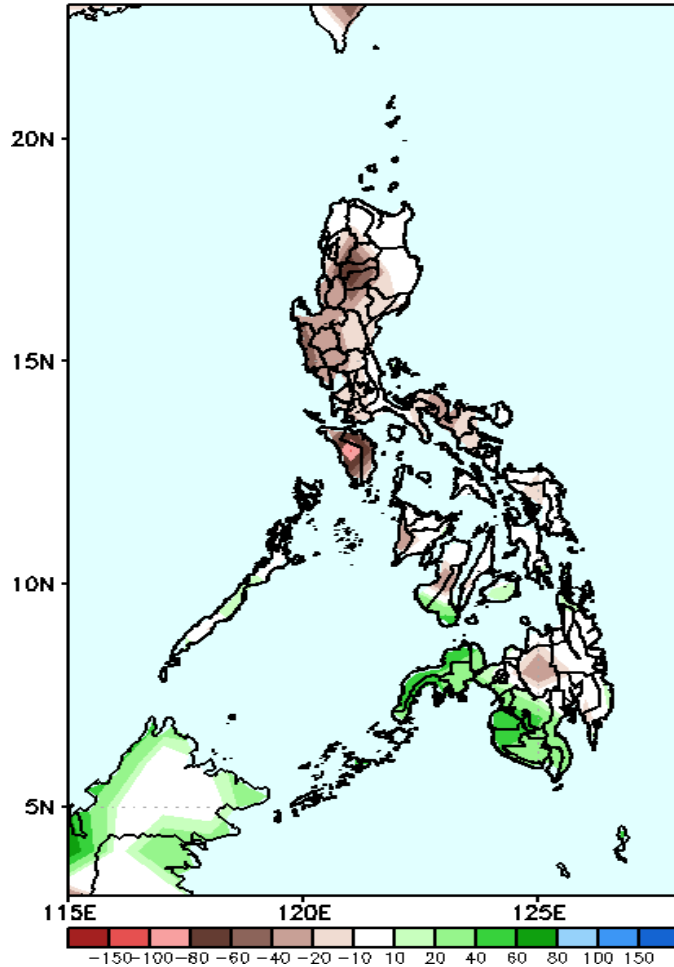


Upper and low level Divergence suggest high likelihood of precipitation in most parts of Northern and Central Luzon and Mindanao. Southwest monsoon affecting the western section of Visayas nad Mindanao while Easterlies affecting the rest of the country attributing to light and moderate rains due to thunderstorms during the forecast.

Precipitation Anomaly and Exceedance Probability > 25/50 mm

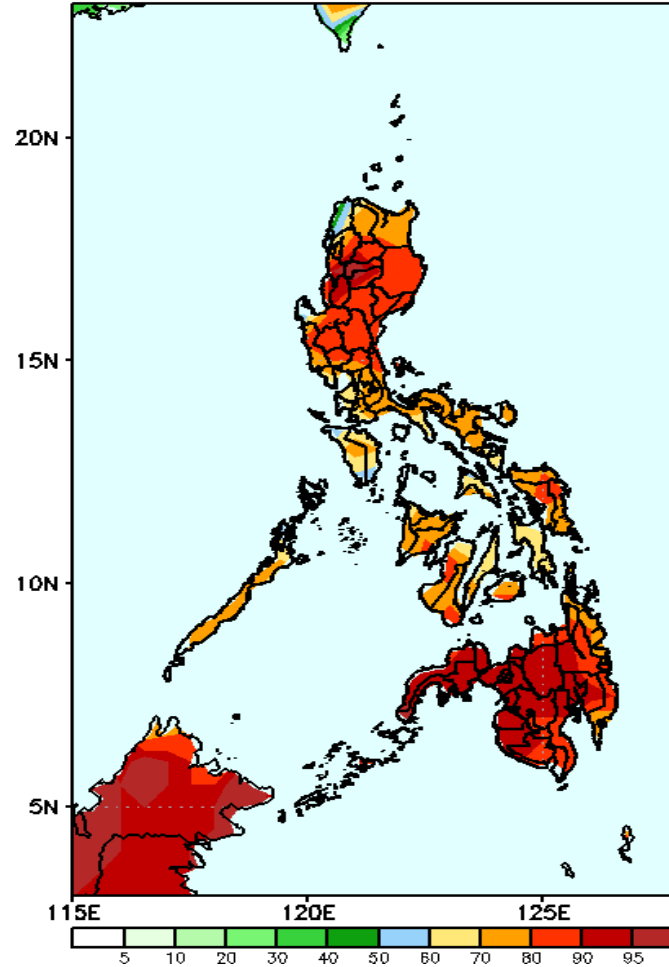
Week 2: Sep 30- Oct 06, 2021

GEFS Week-2 Precip Anomaly
Valid: 20210930 - 20211006



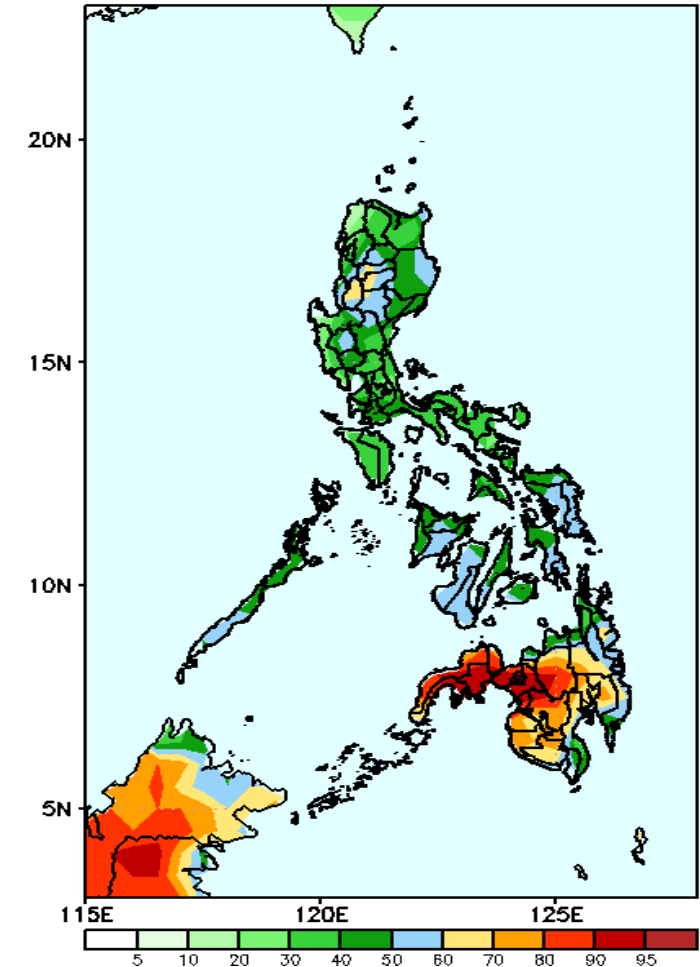
Rainfall deficit of 40-100mm is expected in most parts of the country except in the western section of Mindanao where there is 40-80mm. increase during the forecast period.

GEFS Week-2 Exceedance Prob. > 25mm
Valid: 20210930 - 20211006



High probability of rainfall to exceed 25mm in most parts of the country during the forecast period

GEFS Week-2 Exceedance Prob. > 50mm
Valid: 20210930 - 20211006

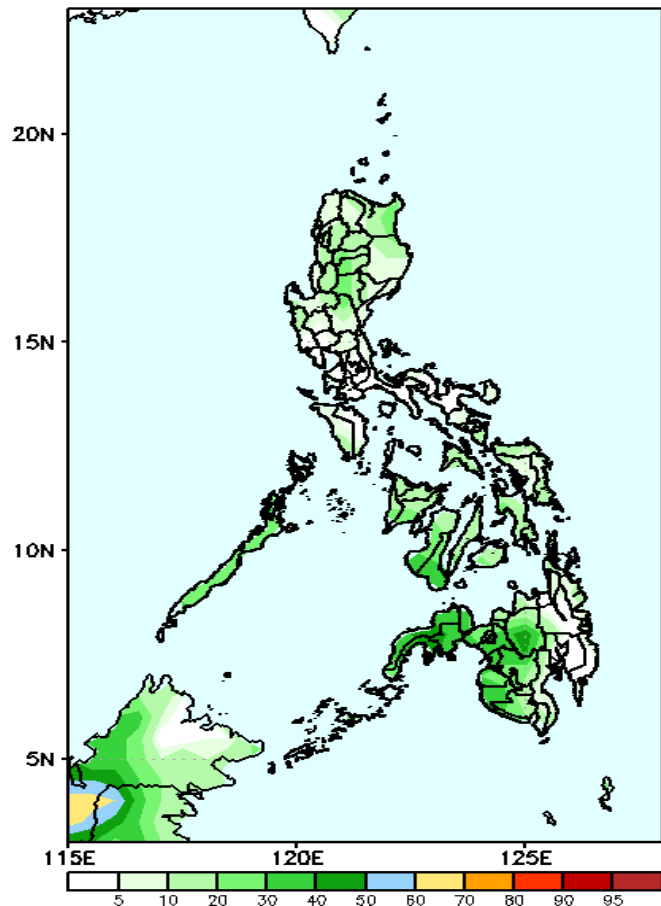


High probability of rainfall to exceed 50mm in most parts of the country of Mindanao while less probability in Luzon and Visayas during the forecast period.

Exceedance Probability > 100/150/200 mm

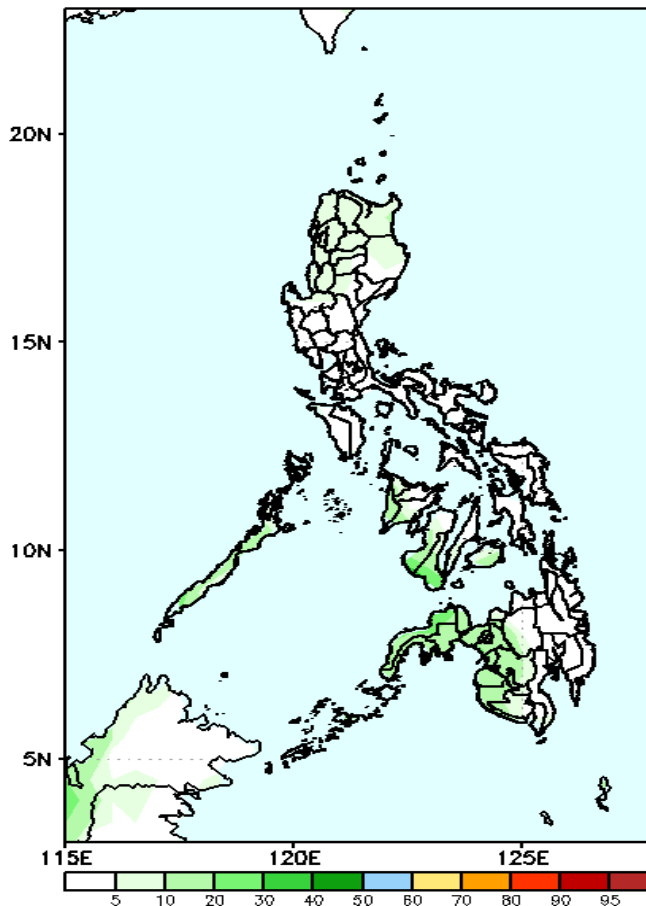
Week 2: Sep 30- Oct 06, 2021

GEFS Week-2 Exceedance Prob. > 100mm
Valid: 20210930 - 20211006



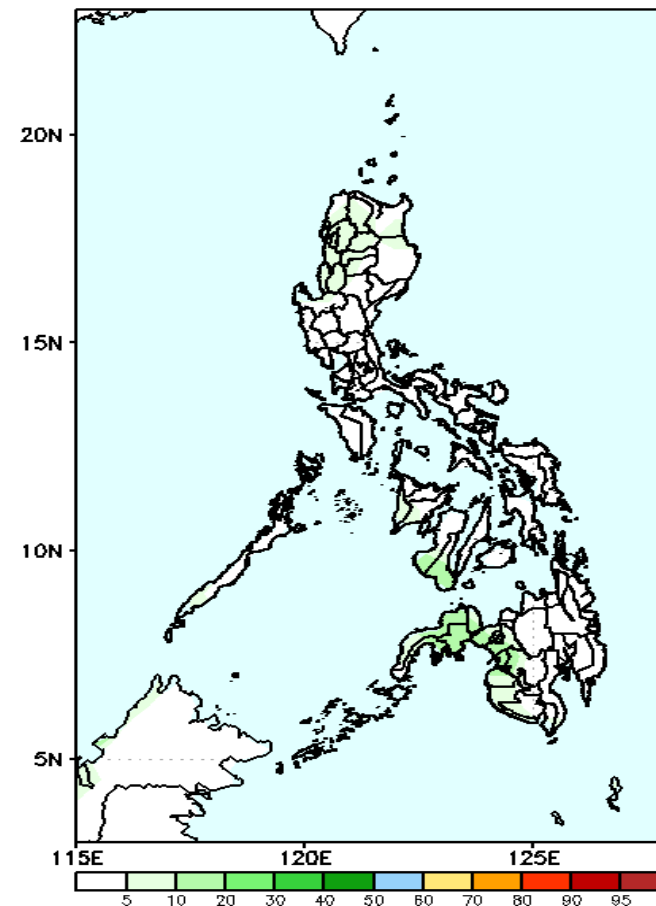
Less probability of rainfall to exceed 100mm in most parts of the country is expected during the forecast period.

GEFS Week-2 Exceedance Prob. > 150mm
Valid: 20210930 - 20211006



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

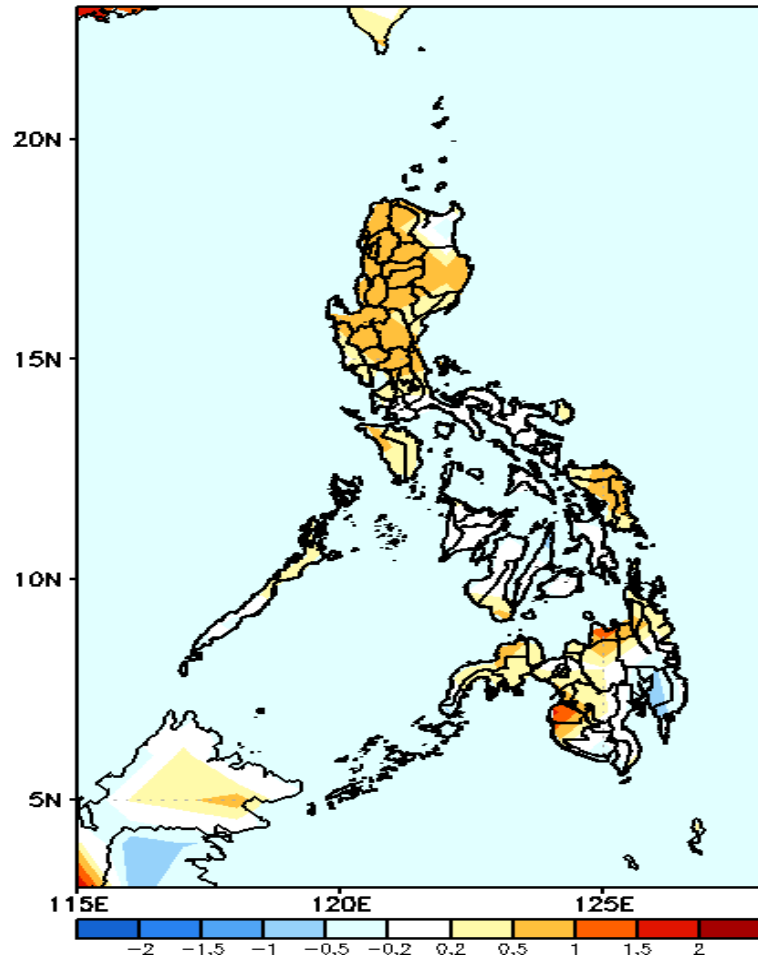
GEFS Week-2 Exceedance Prob. > 200mm
Valid: 20210930 - 20211006



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

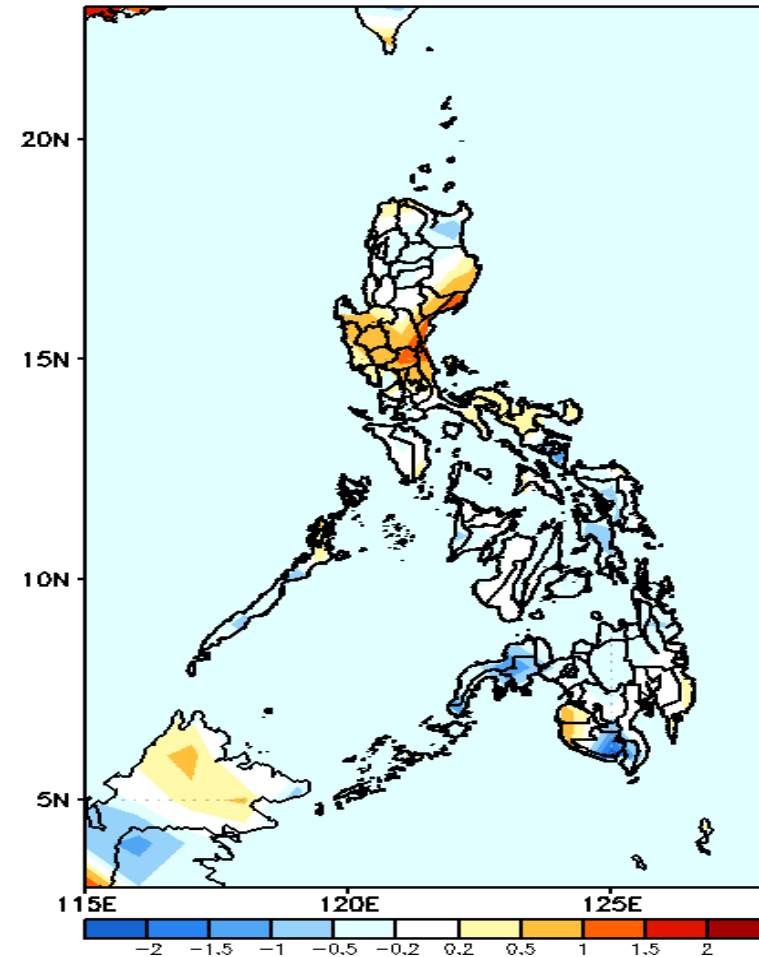
GEFS Week-1 T2m Anomaly
Valid: 20210923 - 20210929



2m Temperature Week 1: Sep 23-29, 2021

Slightly warmer to warmer than average surface air temperature will likely experience in most parts of Luzon & Mindanao and Eastern Visayas while the rest of the country will have average surface temperatures.

GEFS Week-2 T2m Anomaly
Valid: 20210930 - 20211006



2m Temperature Week 2: Sep 30- Oct 06, 2021

Average to slightly cooler than average surface air temperature will likely experience in most parts of the country except in eastern Isabela, Quirino and Central Luzon where slightly warmer to warmer than average temperature is expected.