



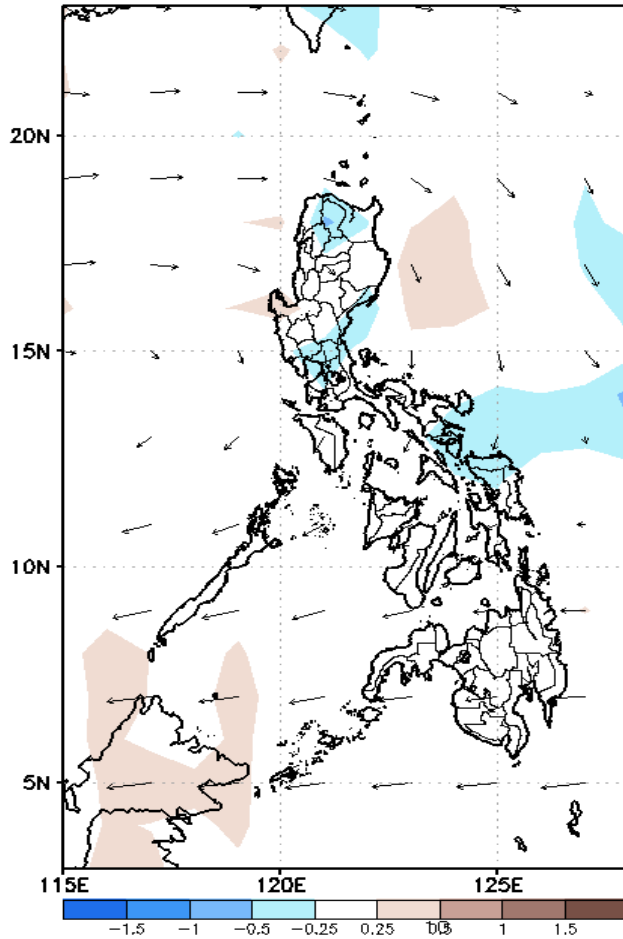
# Week 1 & Week 2 Forecast for the Philippines using GEFS Model



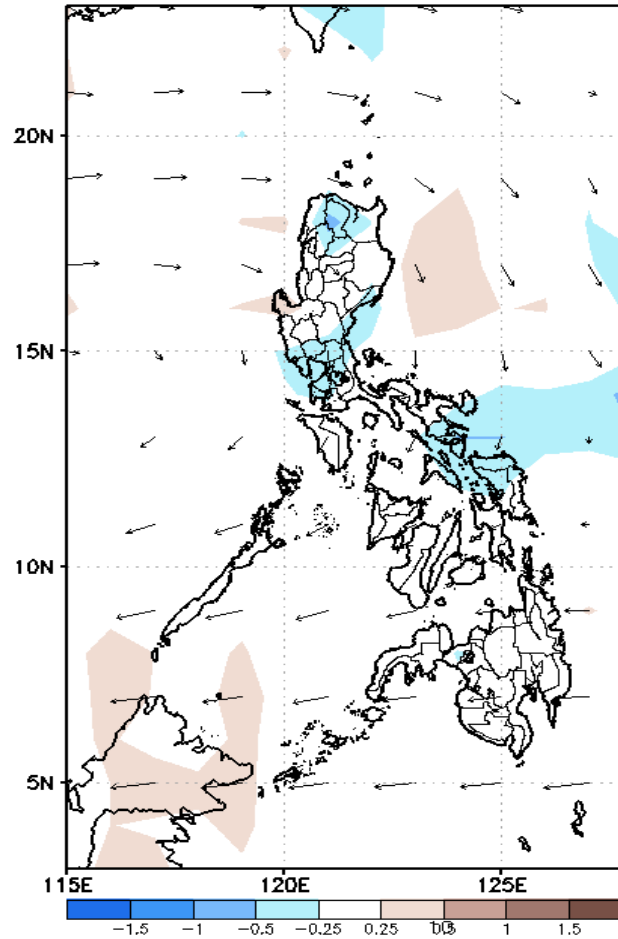
# GEFS Week-1 Forecasts: Divergence & Wind Anomaly

Week 1: Aug 27-Sep 02, 2020

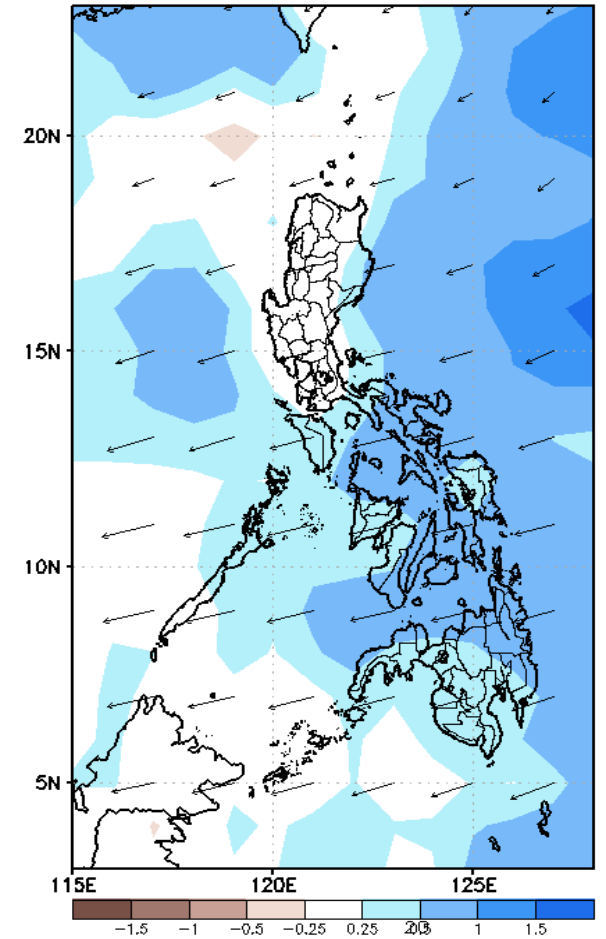
GEFS Week-1 850-hPa Divergence and Wind Anom  
Valid: 20200827 - 20200902



GEFS Week-1 700-hPa Divergence and Wind Anom  
Valid: 20200827 - 20200902



GEFS Week-1 200-hPa Divergence and Wind Anom  
Valid: 20200827 - 20200902

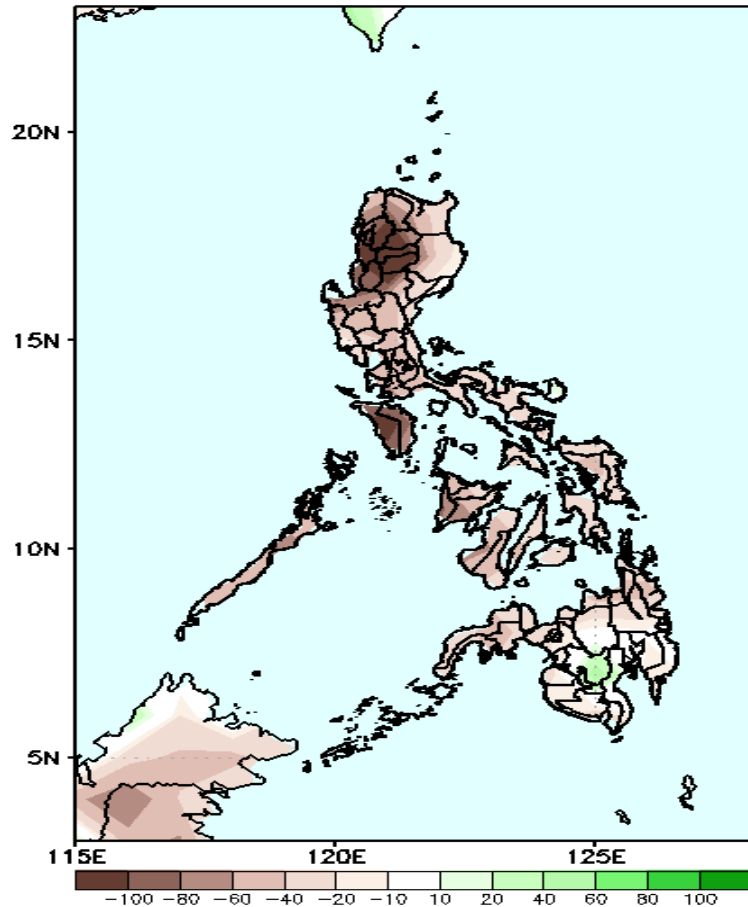


Upper level (200 hPa) Divergence suggest likelihood of precipitation in parts of eastern Luzon, southern Luzon and most parts of Visayas and Mindanao. Southwest Monsoon affecting northern and central Luzon, Easterlies affecting most parts of the country during the forecast period.

# Precipitation Anomaly and Exceedance Probability > 25/50 mm

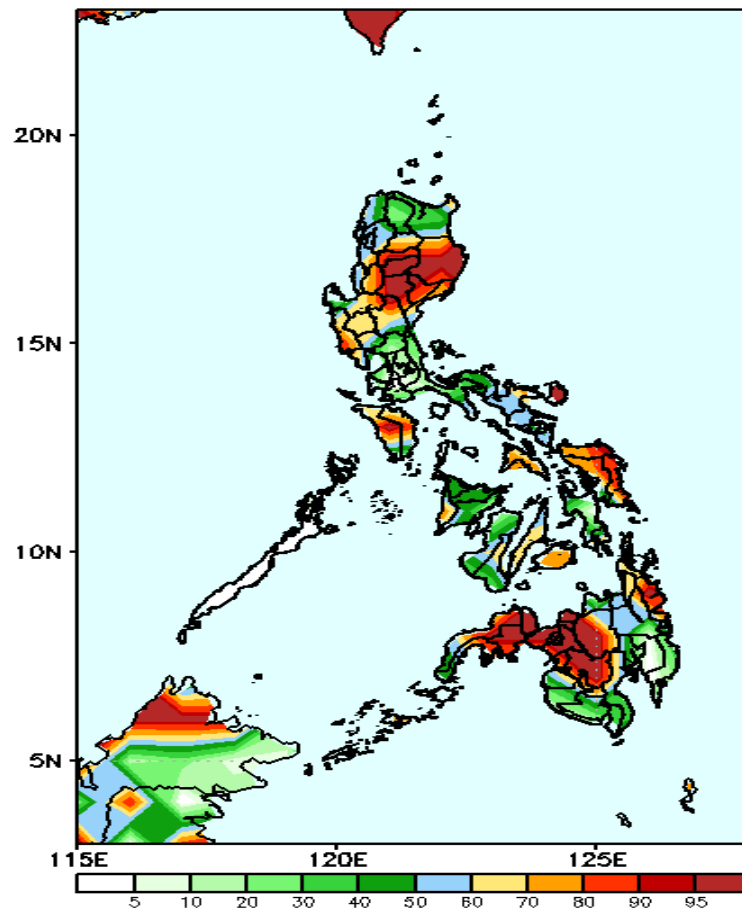
## Week 1: Aug 27-Sep 02, 2020

GEFS Week-1 Precip Anomaly  
Valid: 20200827 - 20200902



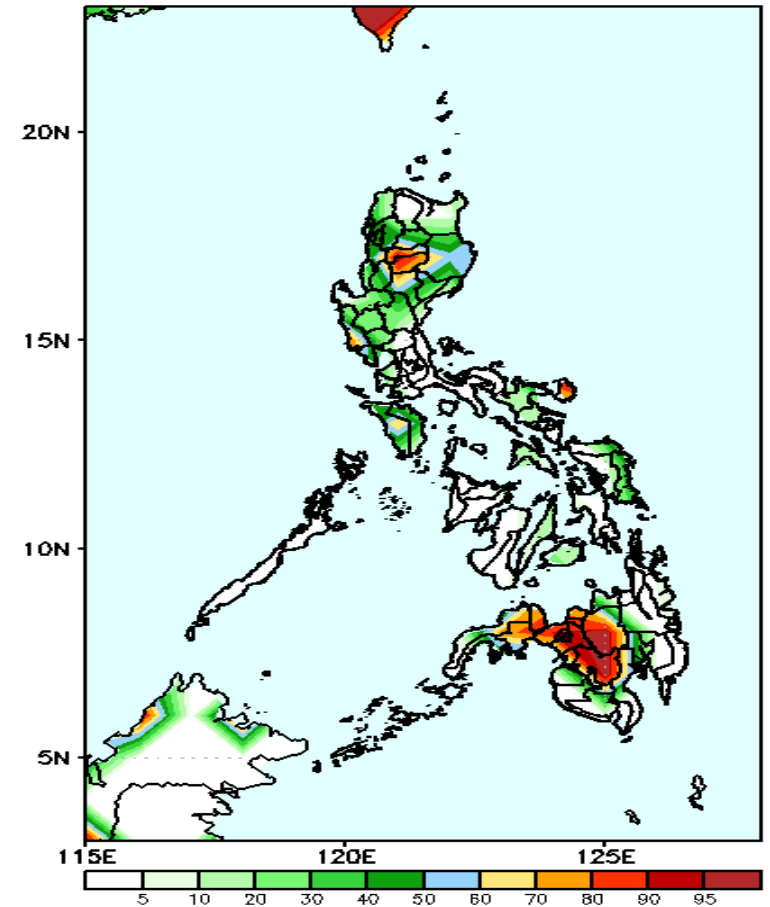
Rainfall deficit of 40-100 mm in most parts of Luzon is expected while 20-80 mm for the rest of the country during the forecast period.

GEFS Week-1 Exceedance Prob. > 25mm  
Valid: 20200827 - 20200902



High probability of rainfall to exceed 25mm in most parts of Cordillera Region, Cagayan Valley, Central Luzon, Mindoro, Catanduanes, Bohol, Samar provinces, CARAGA Region and northwestern parts of Mindanao while less likely for the rest of the country during the forecast period.

GEFS Week-1 Exceedance Prob. > 50mm  
Valid: 20200827 - 20200902

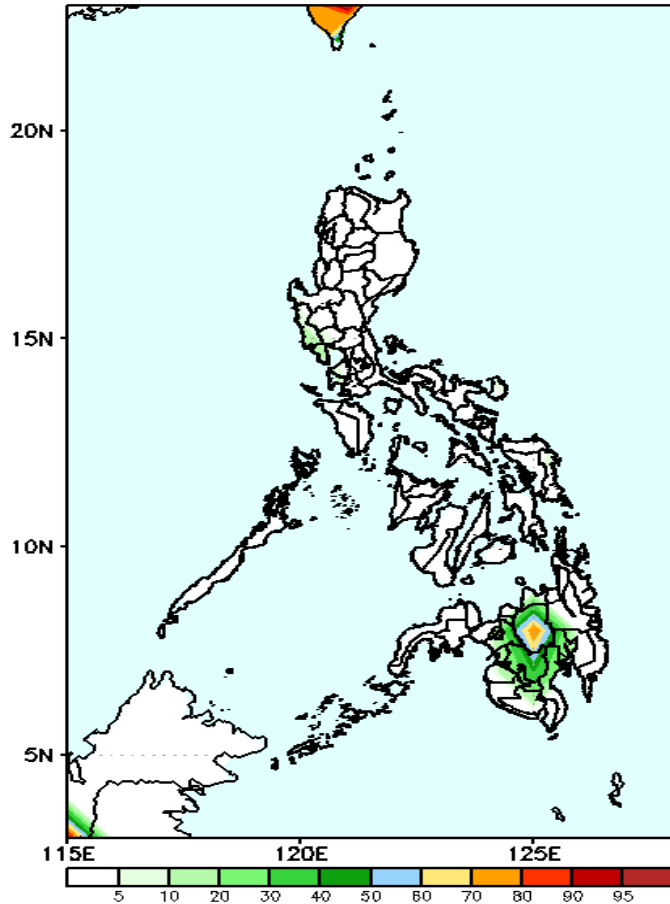


High probability of rainfall to exceed 50mm in Mt. Province, Ifugao, Catanduanes and northwestern parts of Mindanao is expected while less likely for the rest of the country during the forecast period.

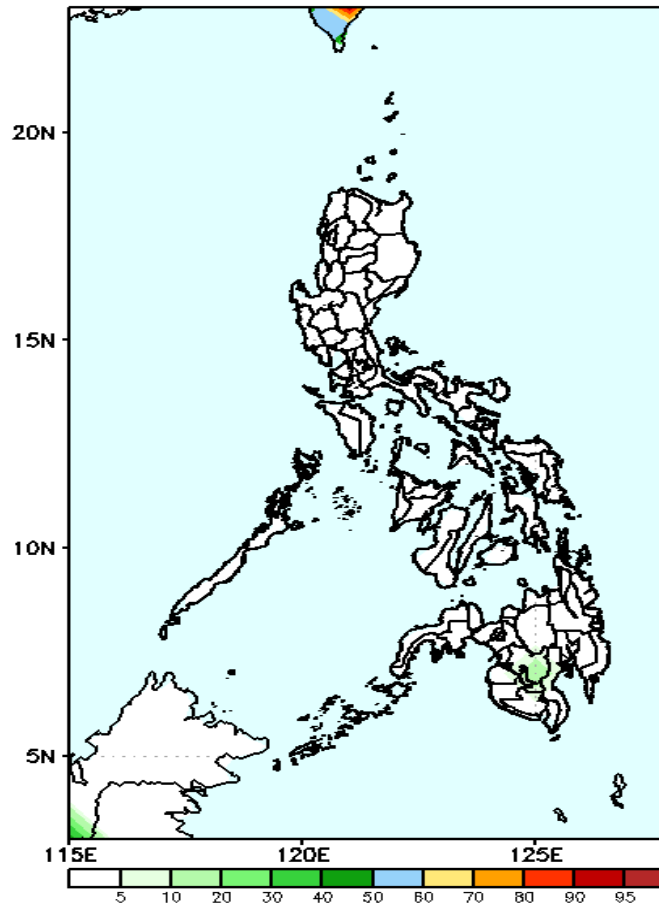
# Exceedance Probability > 100/150/200 mm

## Week 1: Aug 27-Sep 02, 2020

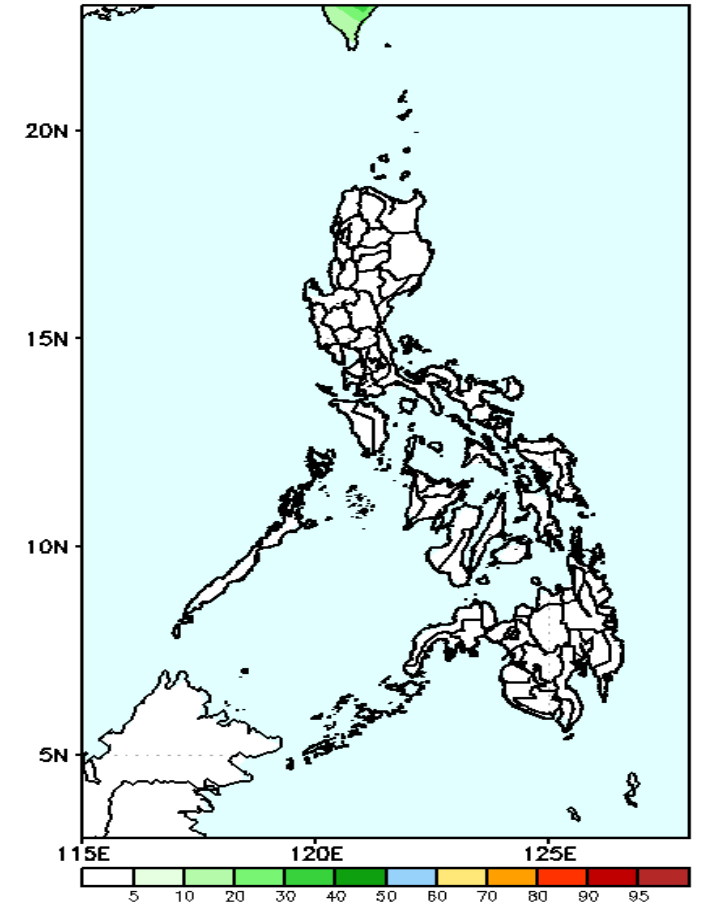
GEFS Week-1 Exceedance Prob. > 100mm  
Valid: 20200827 - 20200902



GEFS Week-1 Exceedance Prob. > 150mm  
Valid: 20200827 - 20200902



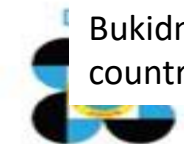
GEFS Week-1 Exceedance Prob. > 200mm  
Valid: 20200827 - 20200902



60-85% probability of rainfall to exceed 100mm in Bukidnon while less likely for the rest of the country during the forecast period.

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

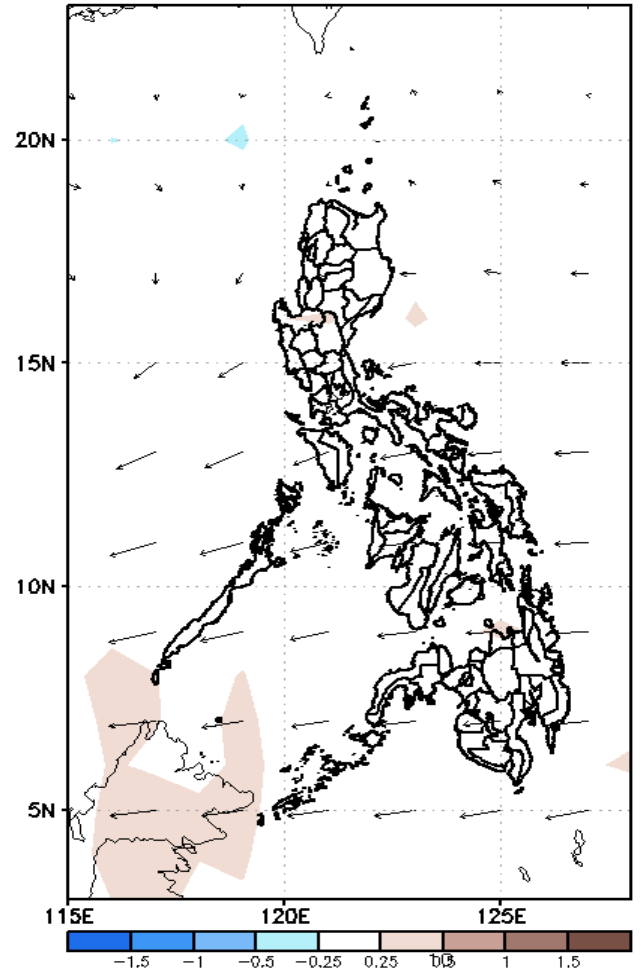
Less probability of rainfall to exceed 200mm in most parts of the country during the forecast period.



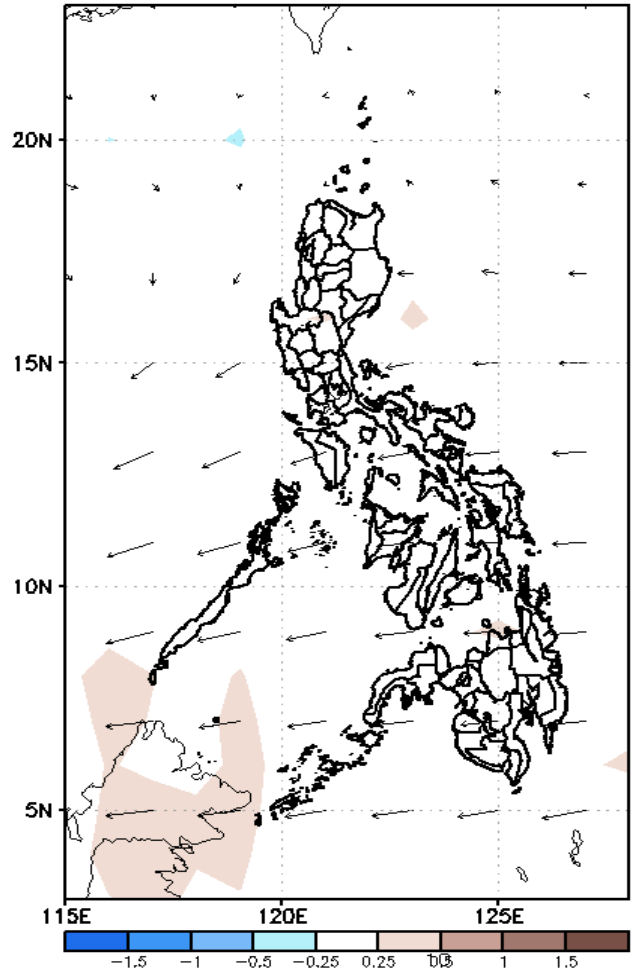
# GEFS Week-2 Forecasts: Divergence & Wind Anomaly

## Week 2: Sep 03-09, 2020

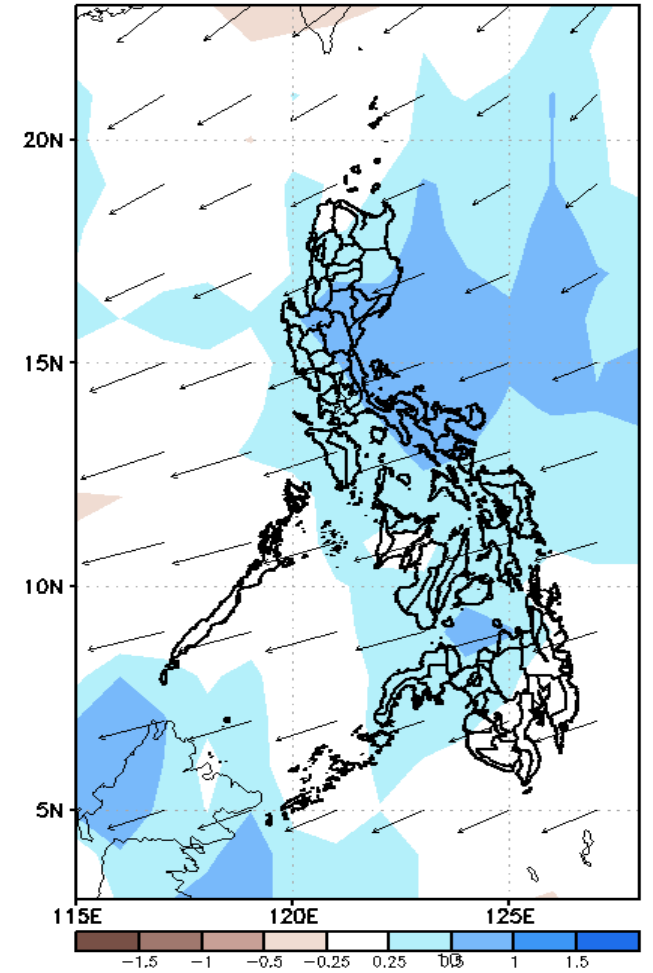
GEFS Week-2 850-hPa Divergence and Wind Anom  
Valid: 20200903 - 20200909



GEFS Week-2 700-hPa Divergence and Wind Anom  
Valid: 20200903 - 20200909



GEFS week-2 200-hPa Divergence and Wind Anom  
Valid: 20200903 - 20200909



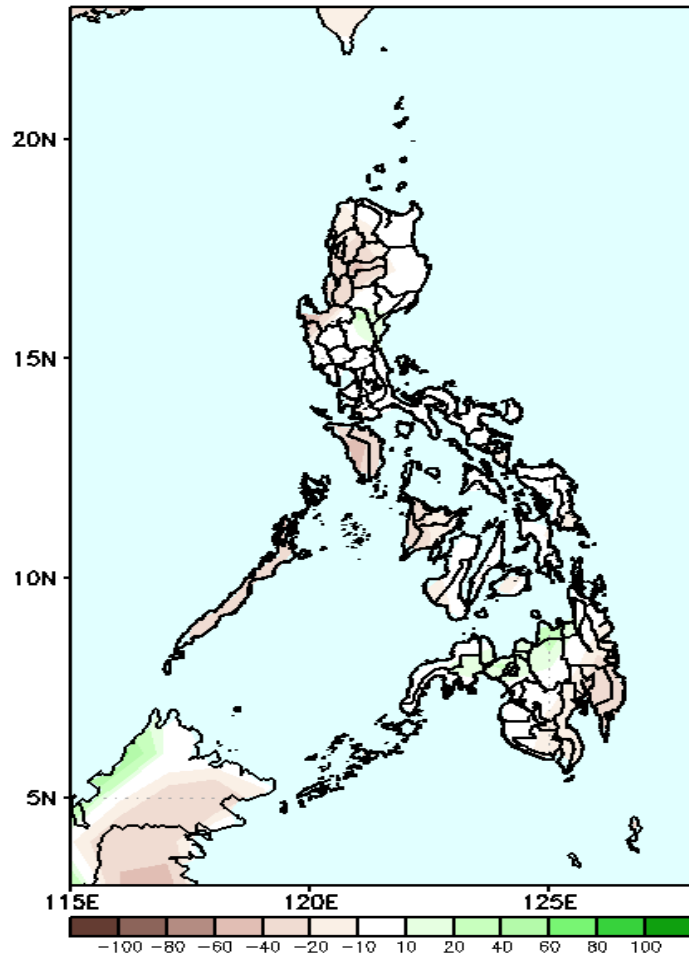
Upper level (200 hPa) Divergence suggest likelihood of precipitation in most parts of the country. Southwest Monsoon affecting northern Luzon, Easterlies affecting most parts of the country during the forecast period.



# Precipitation Anomaly and Exceedance Probability > 25/50 mm

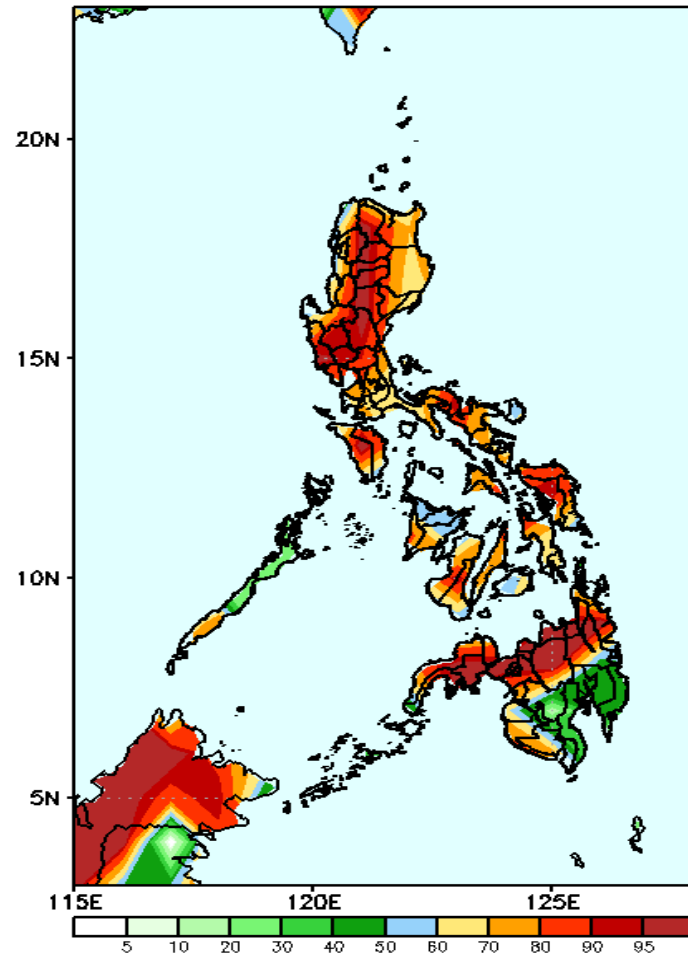
## Week 2: Sep 03-09, 2020

GEFS Week-2 Precip Anomaly  
Valid: 20200903 - 20200909



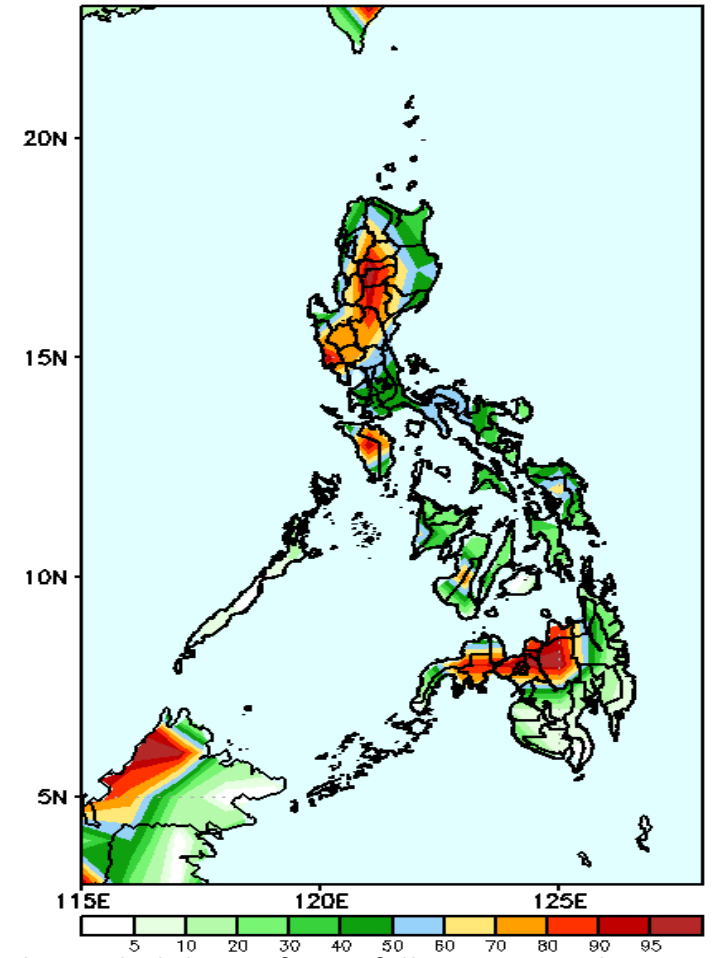
Rainfall deficit of up to 40mm in most parts of the country is expected during the forecast period.

GEFS Week-2 Exceedance Prob. > 25mm  
Valid: 20200903 - 20200909



High probability of rainfall to exceed 25mm in most parts of the country is expected except in southern half of Mindanao where there is low probability during the forecast period.

GEFS Week-2 Exceedance Prob. > 50mm  
Valid: 20200903 - 20200909



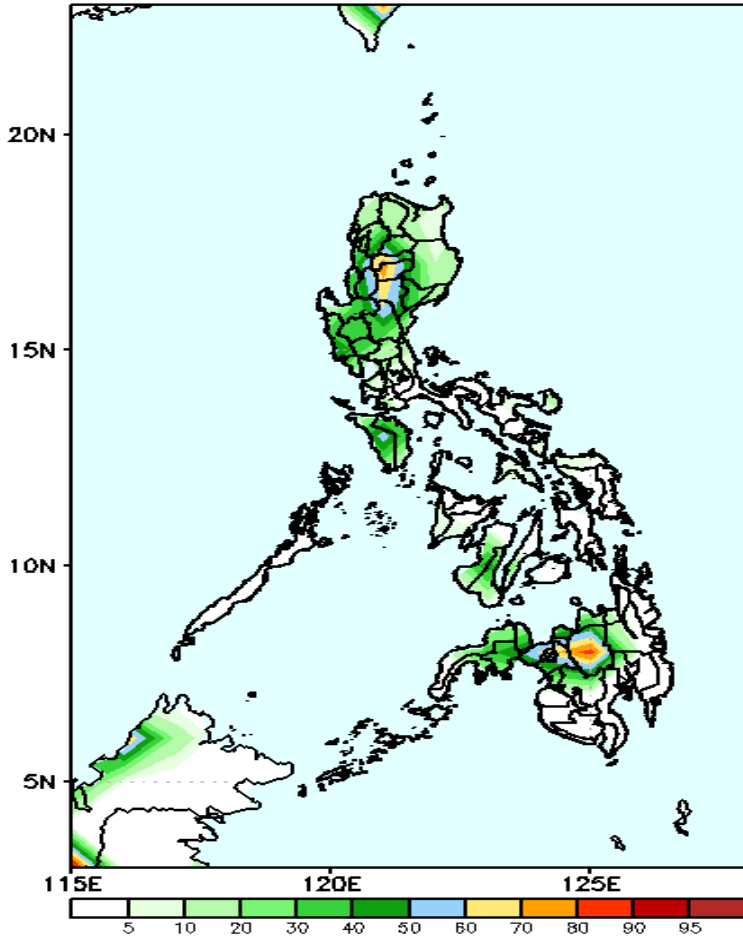
High probability of rainfall to exceed 50mm in Cordillera Region, Central Luzon, Mindoro and northwestern parts of Mindanao is expected while less likely for the rest of the country during the forecast period.



# Exceedance Probability > 100/150/200 mm

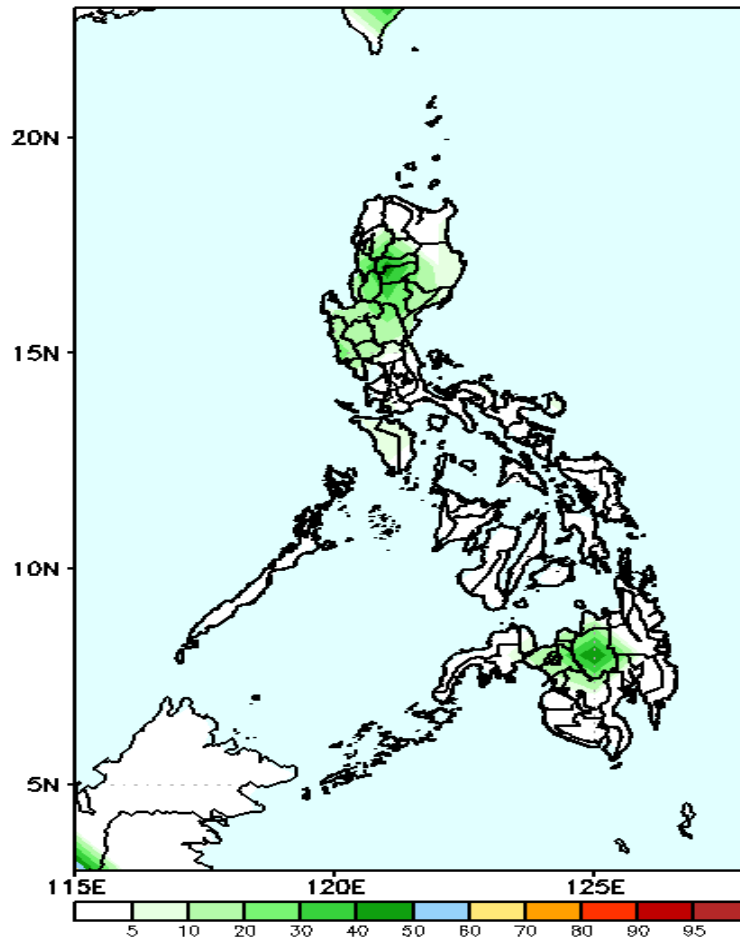
## Week 2: Sep 03-09, 2020

GEFS Week-2 Exceedance Prob. > 100mm  
Valid: 20200903 - 20200909



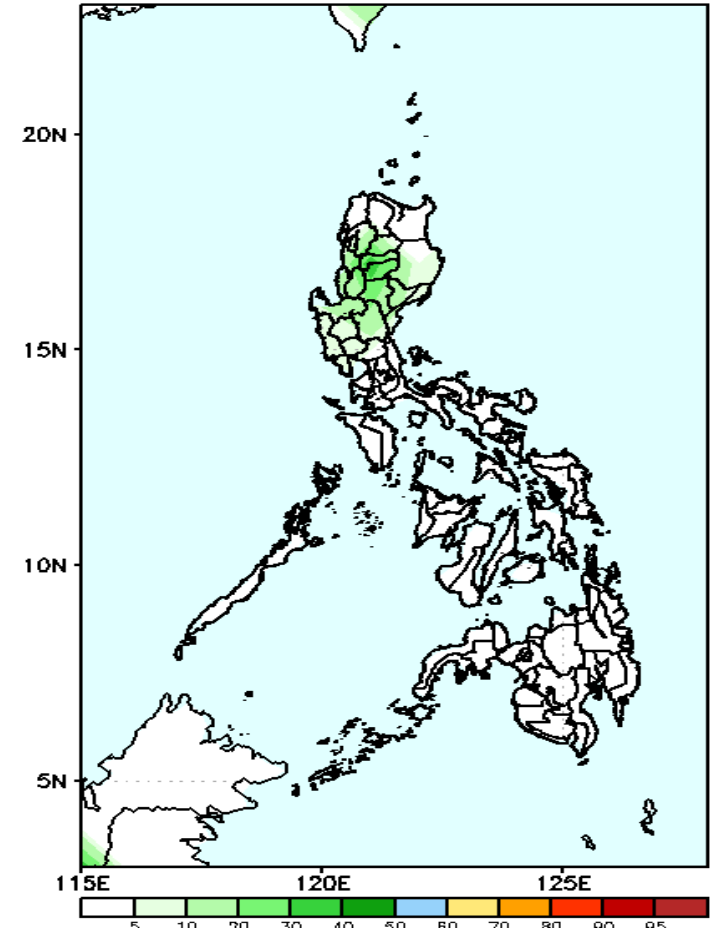
60-85% probability of rainfall to exceed 100mm in Mt. Province, Ifugao, Nueva Viscaya, Bukidnon and Lanao provinces is expected while less likely for the rest of the country during the forecast period.

GEFS Week-2 Exceedance Prob. > 150mm  
Valid: 20200903 - 20200909



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

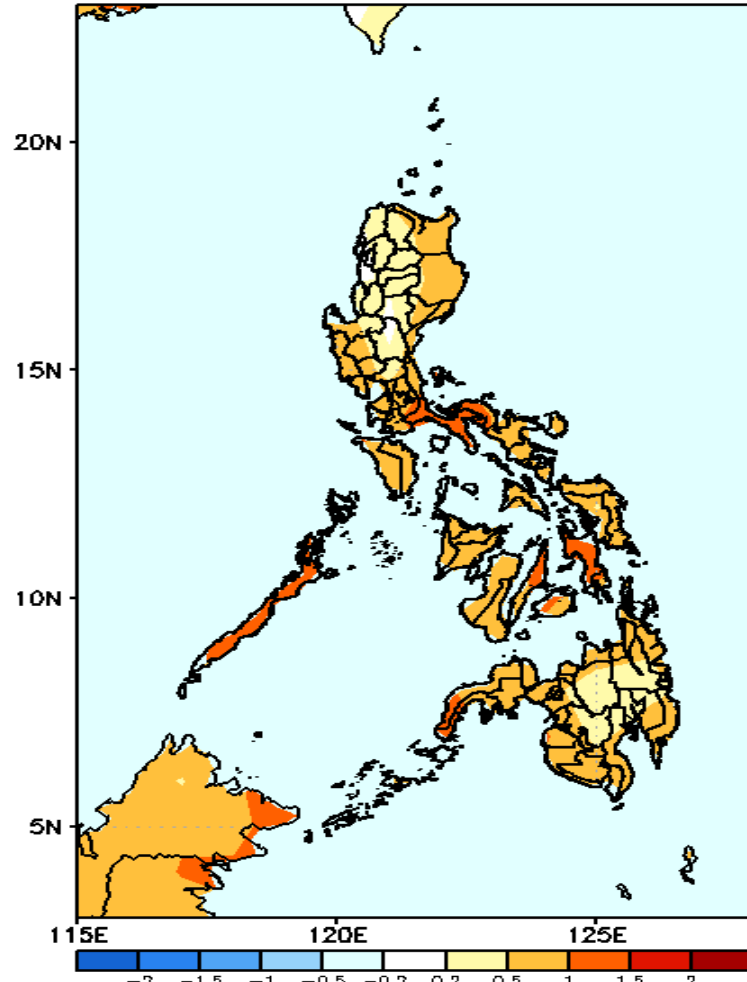
GEFS Week-2 Exceedance Prob. > 200mm  
Valid: 20200903 - 20200909



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

# GEFS Week-1 & 2 Forecasts: T2m Anomaly

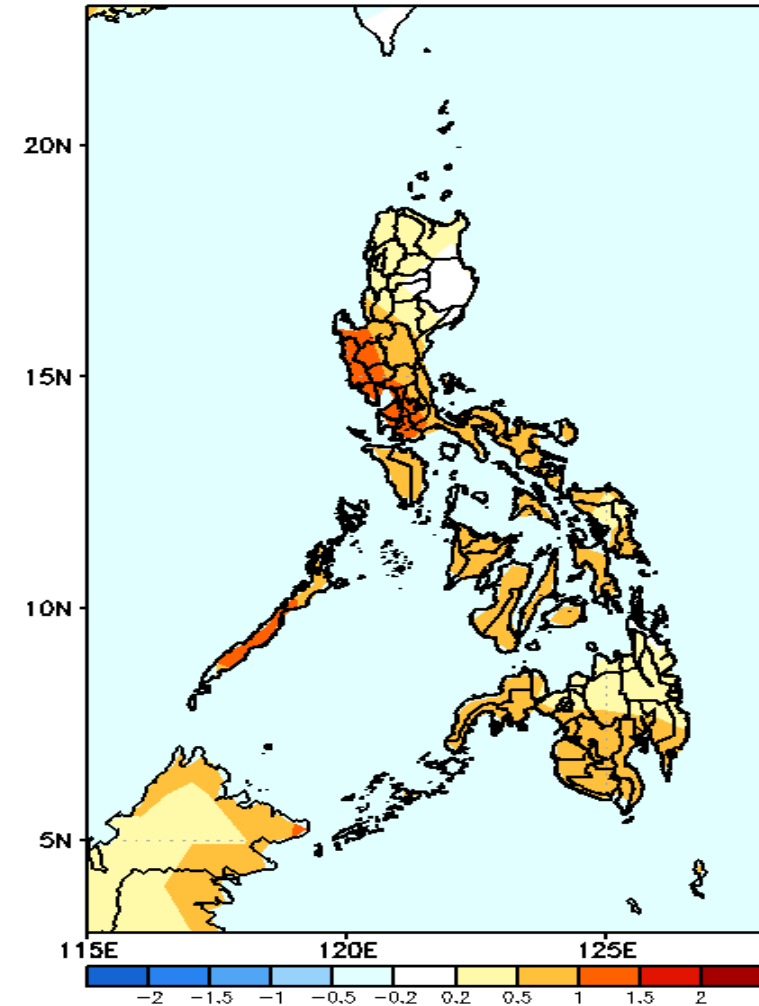
GEFS Week-1 T2m Anomaly  
Valid: 20200827 - 20200902



**2m Temperature Week 1: Aug 27-Sep 02, 2020**

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

GEFS Week-2 T2m Anomaly  
Valid: 20200903 - 20200909



**2m Temperature Week 2: Sep 03-09, 2020**

Warmer than average surface air temperature will likely experience in southeastern parts of Luzon while average to slightly warmer surface air temperature is expected for the rest of the country during the forecast period.

