



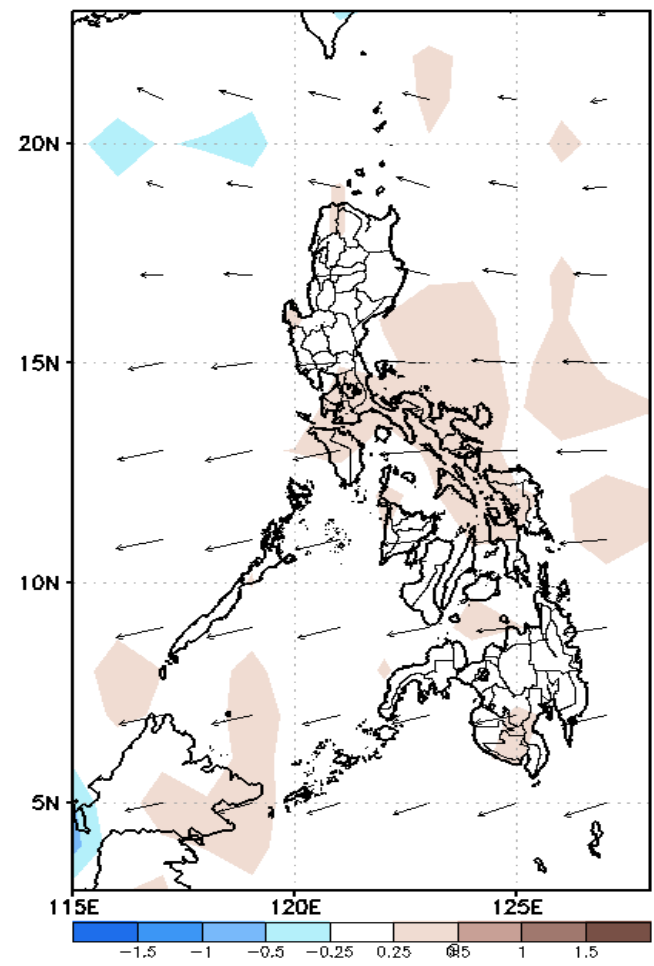
# Week 1 & Week 2 Forecast for the Philippines using GEFS Model



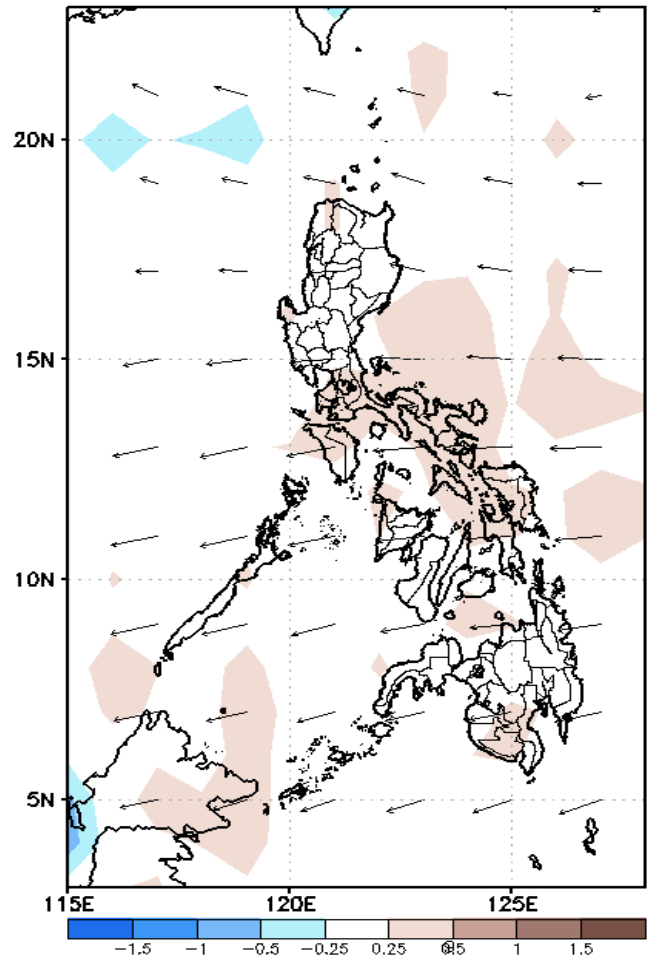
# GEFS Week-1 Forecasts: Divergence & Wind Anomaly

## Week 1: Aug 17-23, 2020

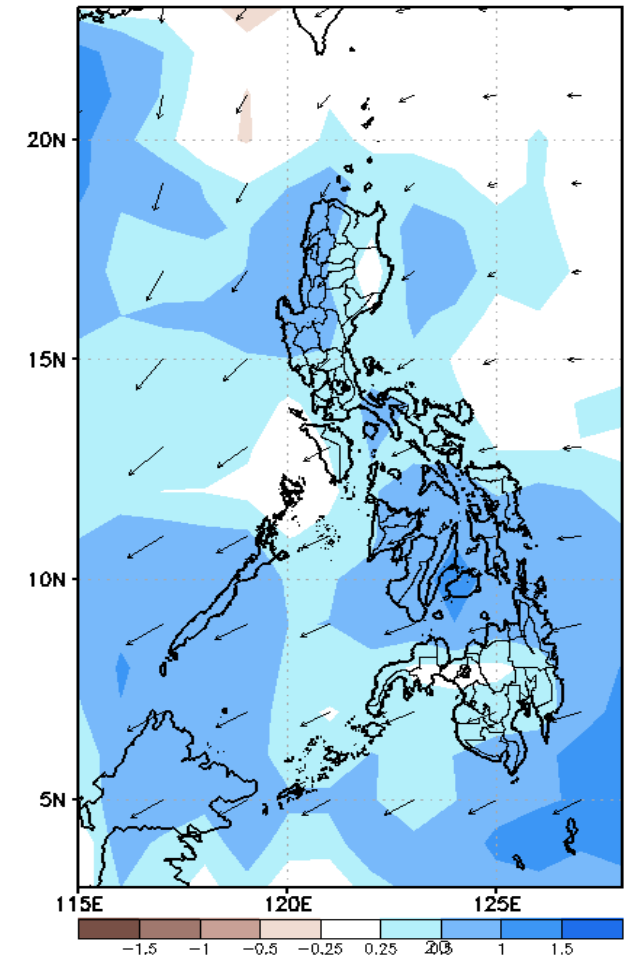
GEFS Week-1 850-hPa Divergence and Wind Anom  
Valid: 20200817 - 20200823



GEFS Week-1 700-hPa Divergence and Wind Anom  
Valid: 20200817 - 20200823



GEFS Week-1 200-hPa Divergence and Wind Anom  
Valid: 20200817 - 20200823



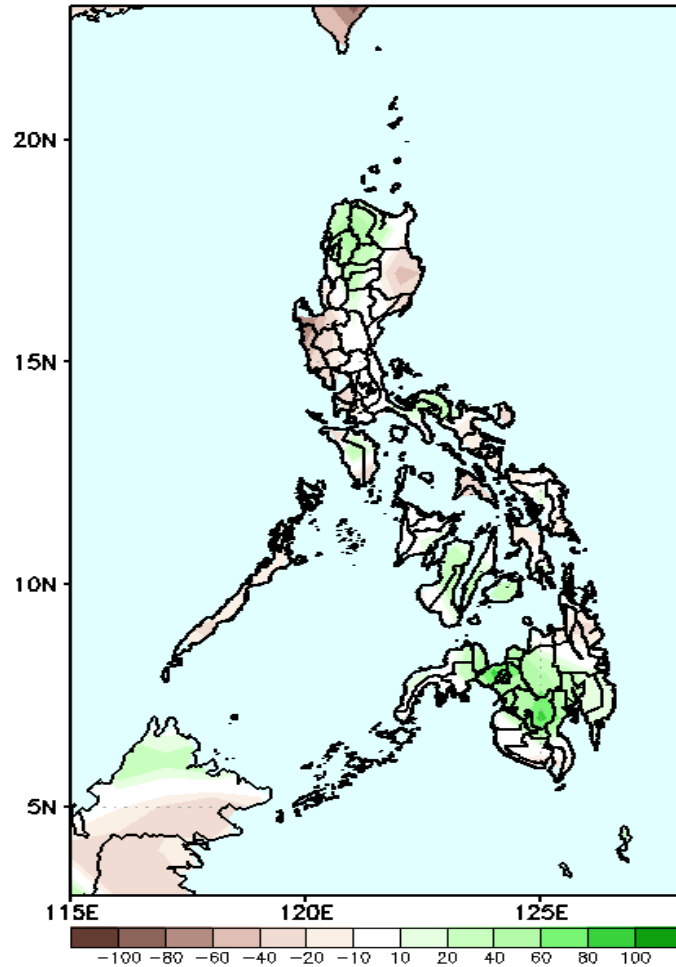
Upper level (200 hPa) Divergence suggest likelihood of heavy precipitation in most parts of the country. Easterlies affecting most parts of the country during the forecast period.



# Precipitation Anomaly and Exceedance Probability > 25/50 mm

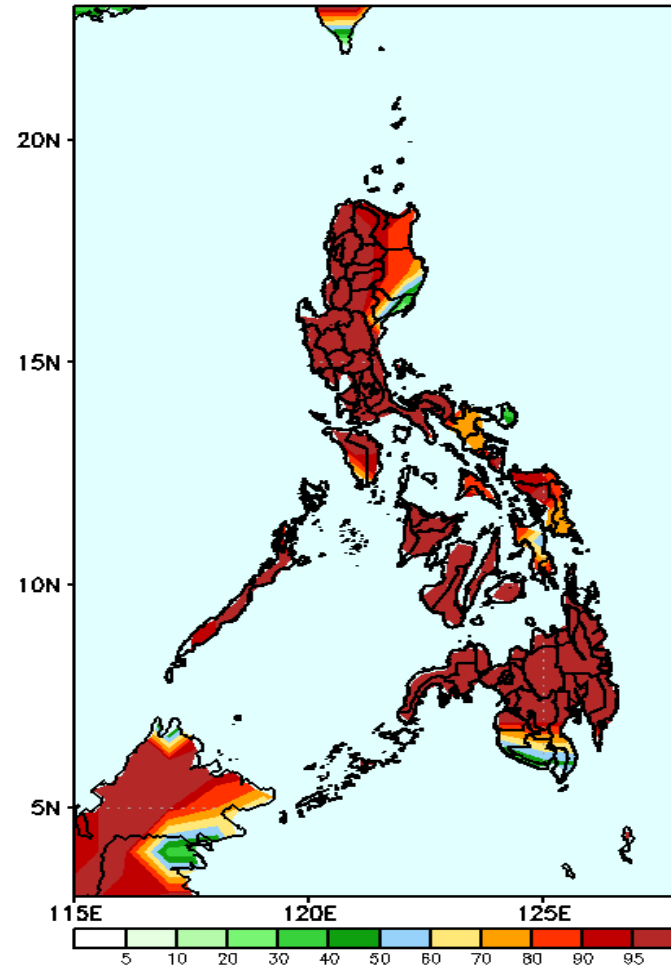
Week 1: Aug 17-23, 2020

GEFS Week-1 Precip Anomaly  
Valid: 20200817 - 20200823



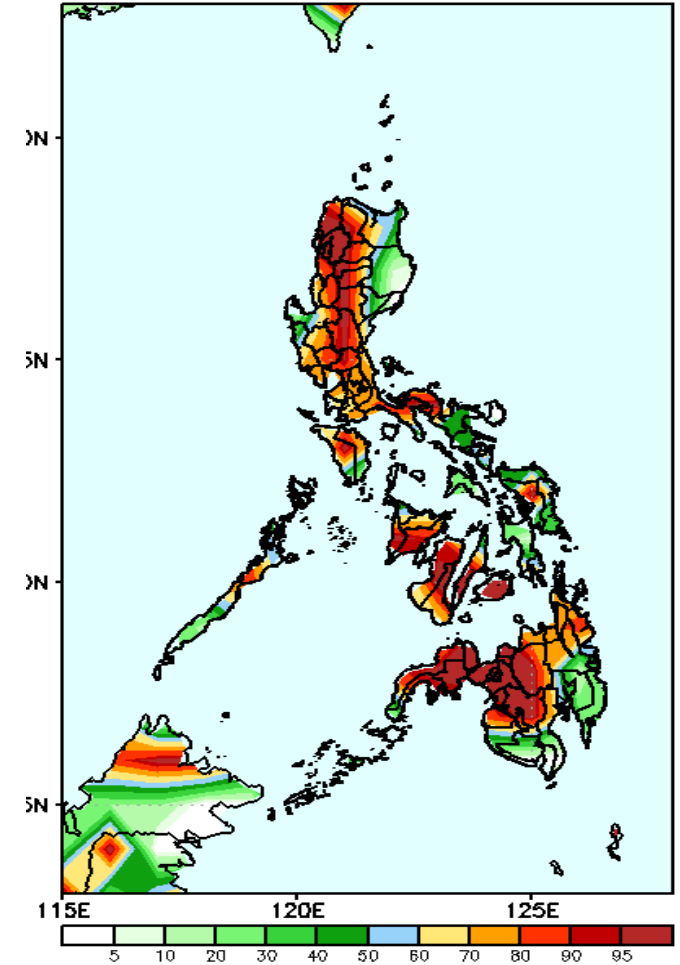
Increase of rainfall up to 40mm is expected in northeastern part of Luzon and in Lanao provinces and North Cotabato during the forecast period.

GEFS Week-1 Exceedance Prob. > 25mm  
Valid: 20200817 - 20200823



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

EFS Week-1 Exceedance Prob. > 50mm  
Valid: 20200817 - 20200823

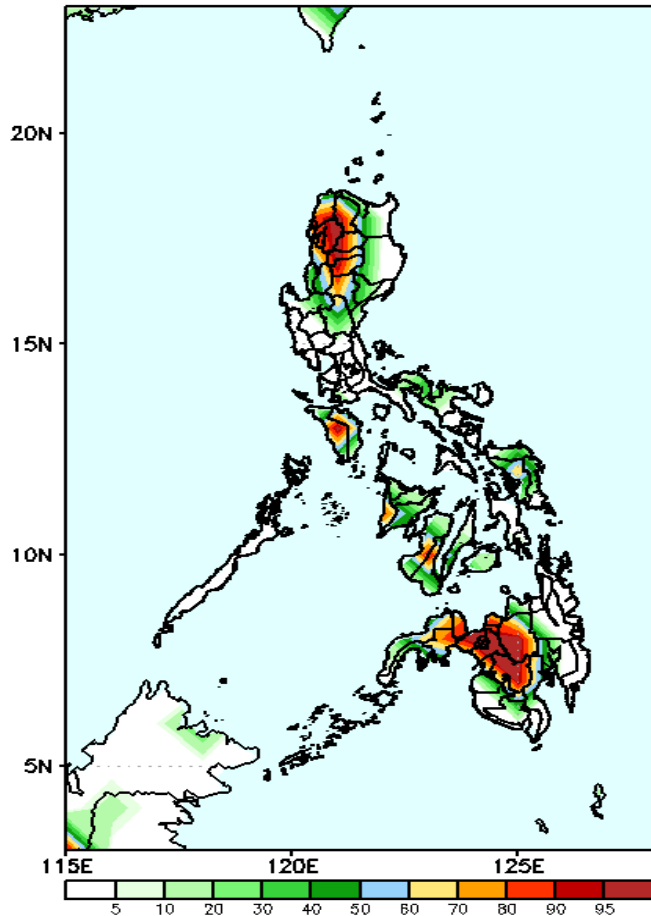


High probability of rainfall to exceed 50mm in most parts of the country is expected except in the eastern parts of Luzon & Visayas and southern Mindanao during the forecast period.

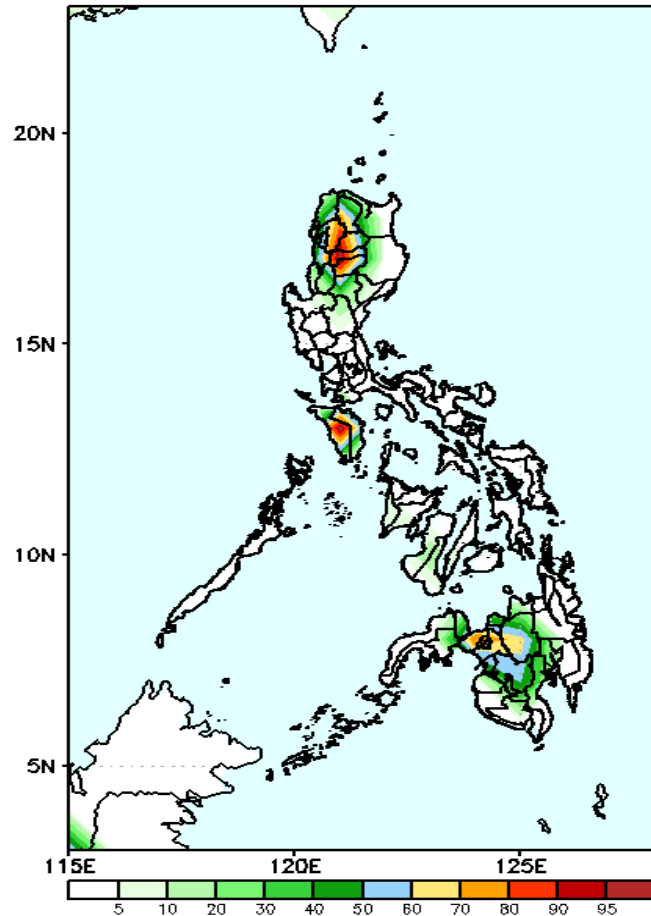
# Exceedance Probability > 100/150/200 mm

## Week 1: Aug 17-23, 2020

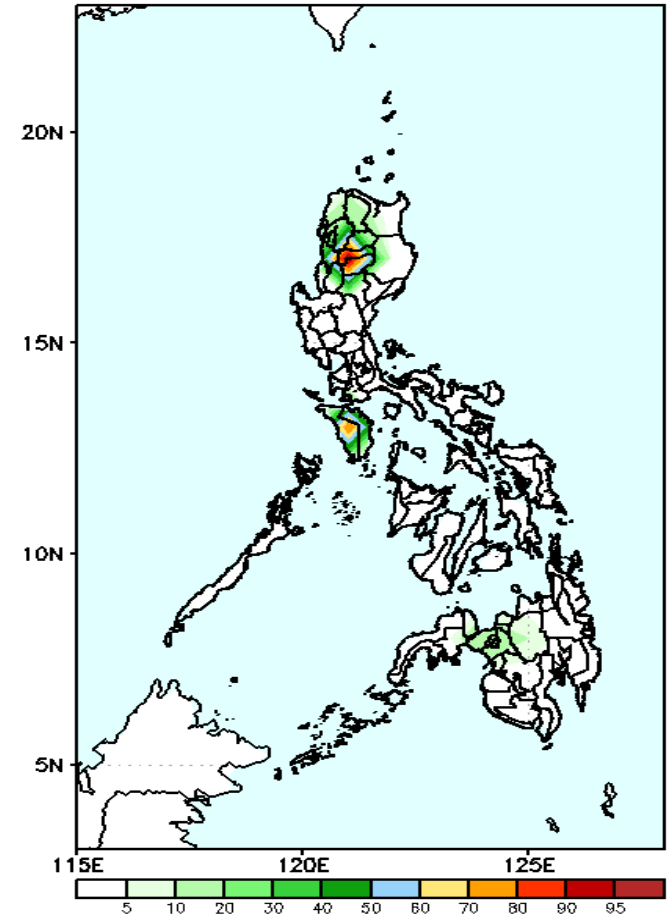
GEFS Week-1 Exceedance Prob. > 100mm  
Valid: 20200817 - 20200823



GEFS Week-1 Exceedance Prob. > 150mm  
Valid: 20200817 - 20200823



GEFS Week-1 Exceedance Prob. > 200mm  
Valid: 20200817 - 20200823



High probability of rainfall to exceed 100mm in Cordillera region, Ilocos Norte and Sur, Mindoro and in Bukidnon, North Cotabato, Zamboanga del Sur and Lanao provinces while less likely for the rest of the country during the forecast period.

50-90% probability of rainfall to exceed 150mm in Cordillera Region, Mindoro, Bukidnon and Lanao provinces while less likely for the rest of the country during the forecast period.

60-90% probability of rainfall to exceed 150mm in Ifugao, Mt. Province and Mindoro while less likely for the rest of the country during the forecast period.

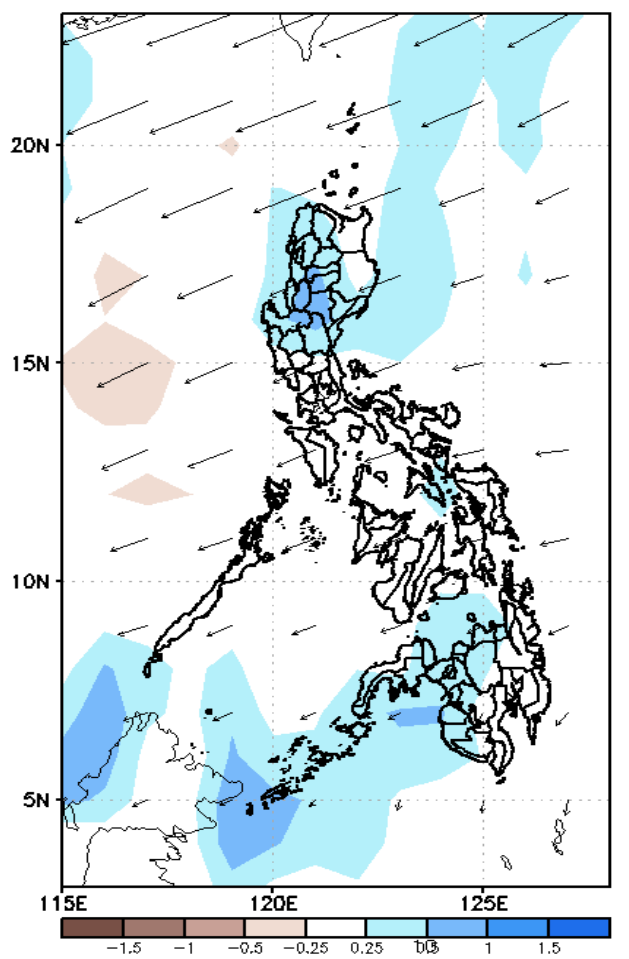
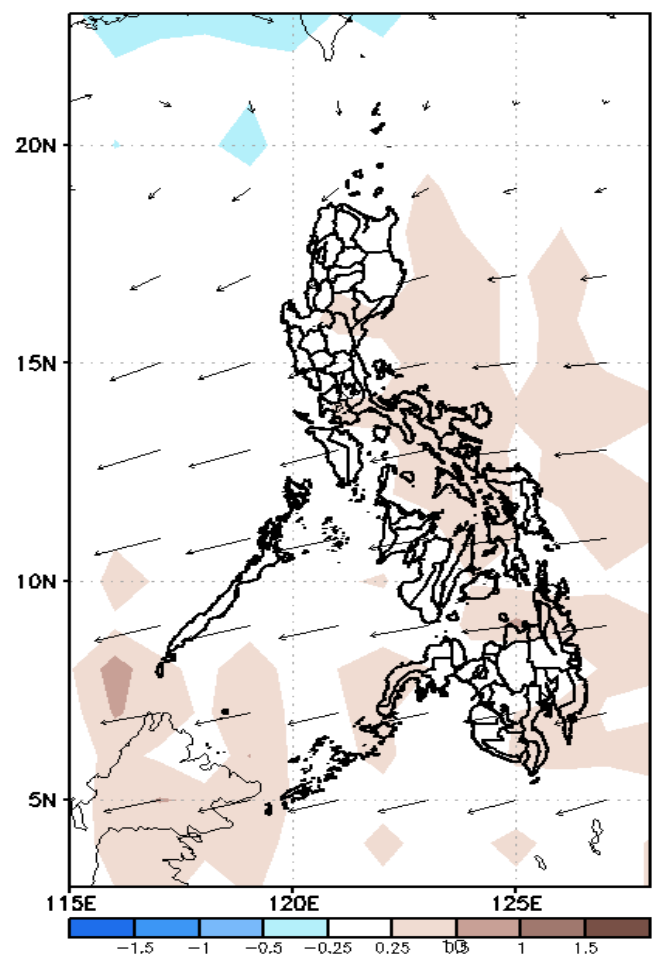
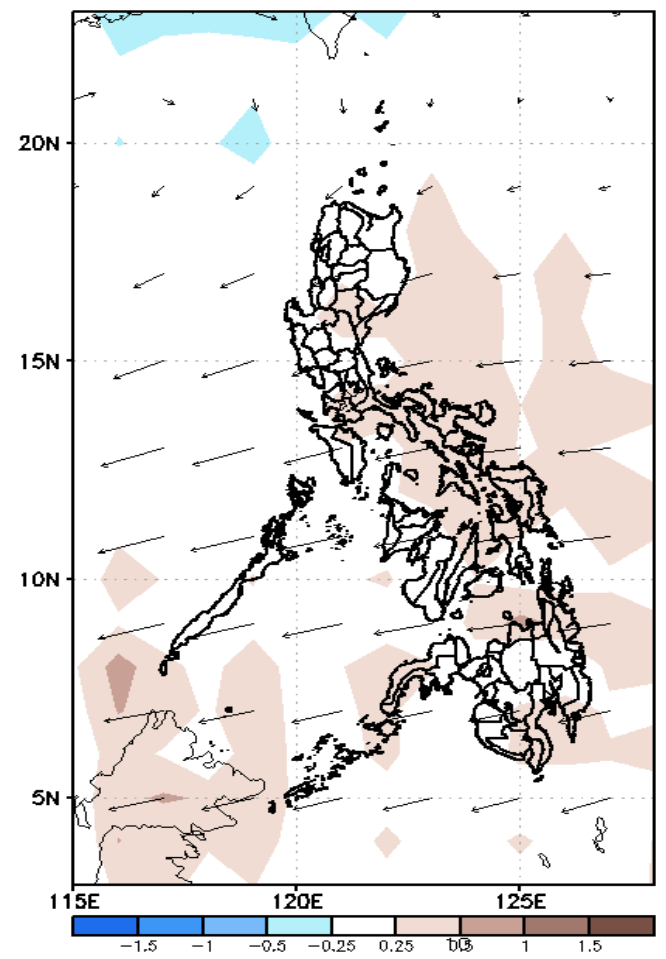
# GEFS Week-2 Forecasts: Divergence & Wind Anomaly

## Week 2: Aug 24-30, 2020

GEFS Week-2 850-hPa Divergence and Wind Anom  
Valid: 20200824 - 20200830

GEFS Week-2 700-hPa Divergence and Wind Anom  
Valid: 20200824 - 20200830

GEFS week-2 200-hPa Divergence and Wind Anom  
Valid: 20200824 - 20200830



Upper level (200 hPa) Divergence suggest likelihood of light precipitation in northern & central Luzon and in northern & central Mindanao. Easterlies affecting most parts of the country during the forecast period.

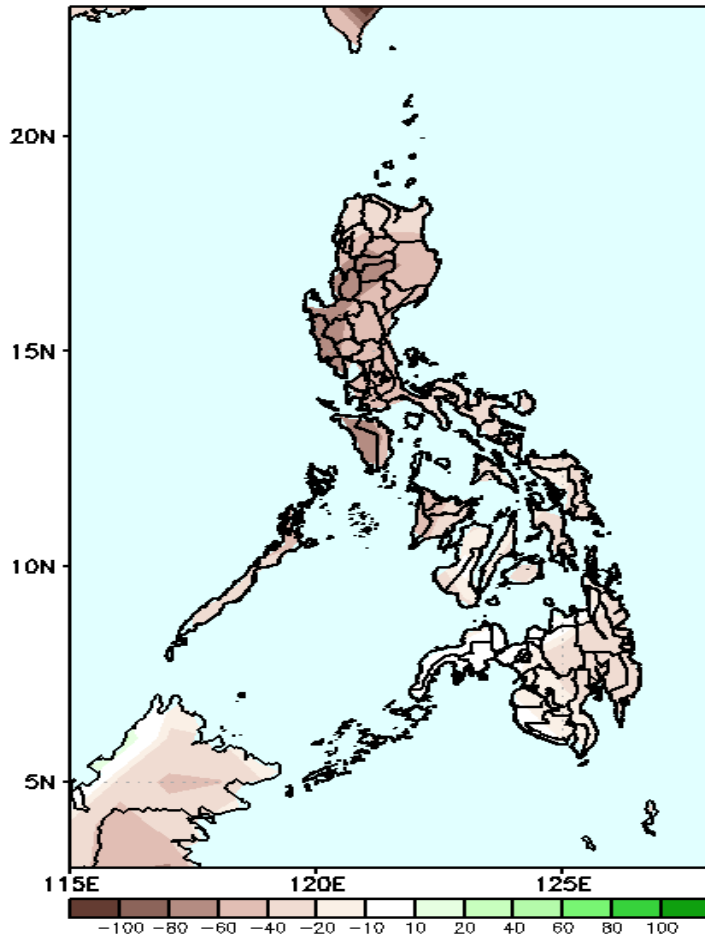




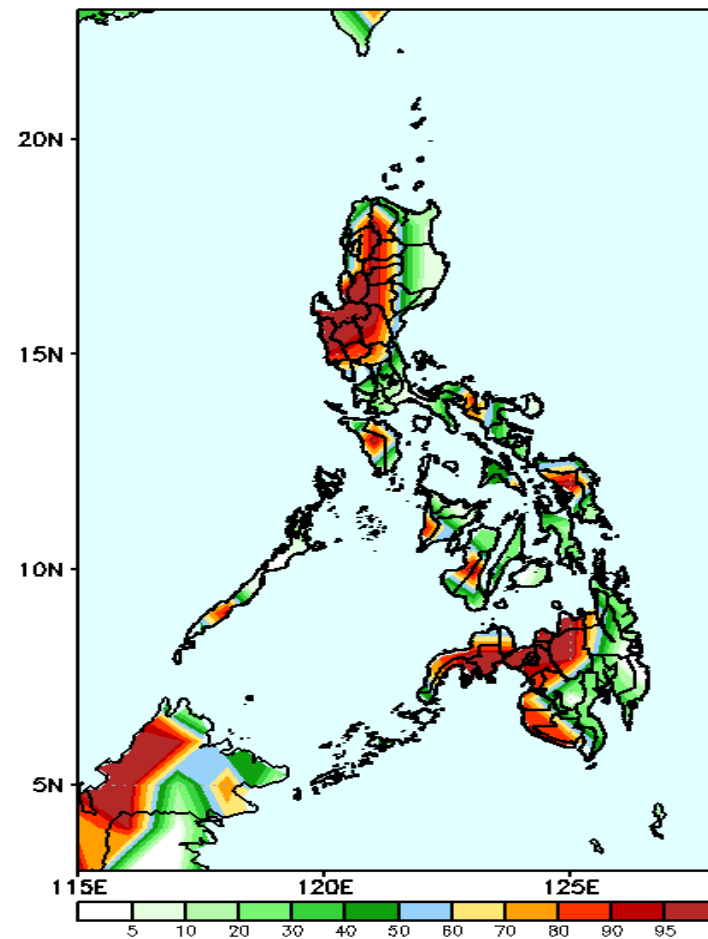
# Precipitation Anomaly and Exceedance Probability > 25/50 mm

## Week 2: Aug 24-30, 2020

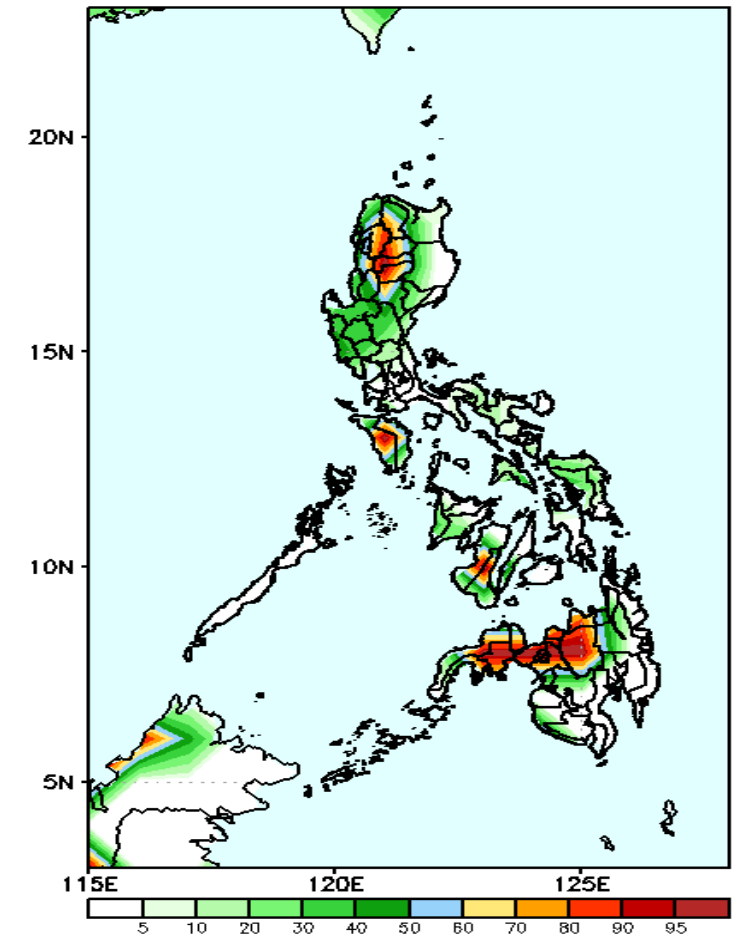
GEFS Week-2 Precip Anomaly  
Valid: 20200824 - 20200830



GEFS Week-2 Exceedance Prob. > 25mm  
Valid: 20200824 - 20200830



GEFS Week-2 Exceedance Prob. > 50mm  
Valid: 20200824 - 20200830



Rainfall deficit of up to 100mm in most parts of Luzon is expected during the forecast period.

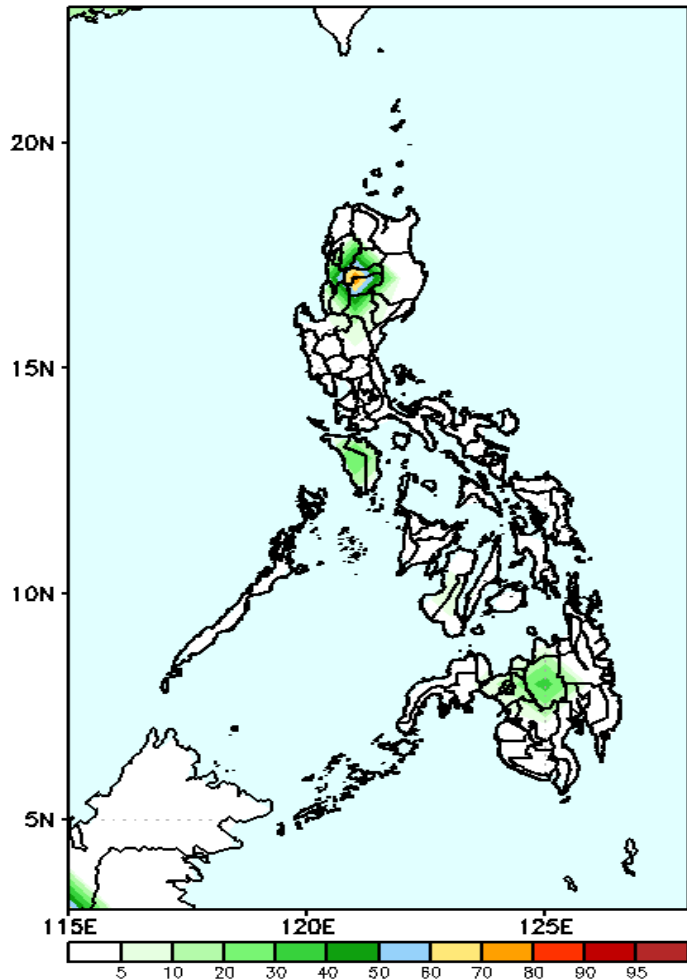
High probability of rainfall to exceed 25mm in western and central parts of the country is expected while less likely for the rest of the country during the forecast period.

High probability of rainfall to exceed 50mm in most parts of Cordillera Region, Mindoro, in Bukidnon, Lanao provinces and Zamboanga del Sur while less likely for the rest of the country during the forecast period.

# Exceedance Probability > 100/150/200 mm

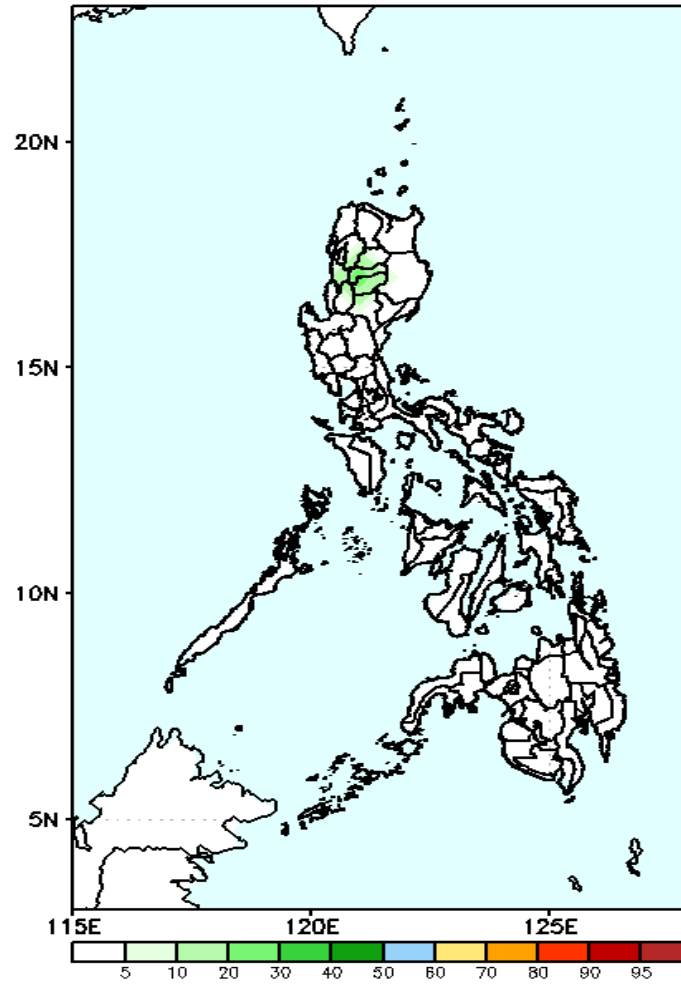
## Week 2: Aug 24-30, 2020

GEFS Week-2 Exceedance Prob. > 100mm  
Valid: 20200824 - 20200830



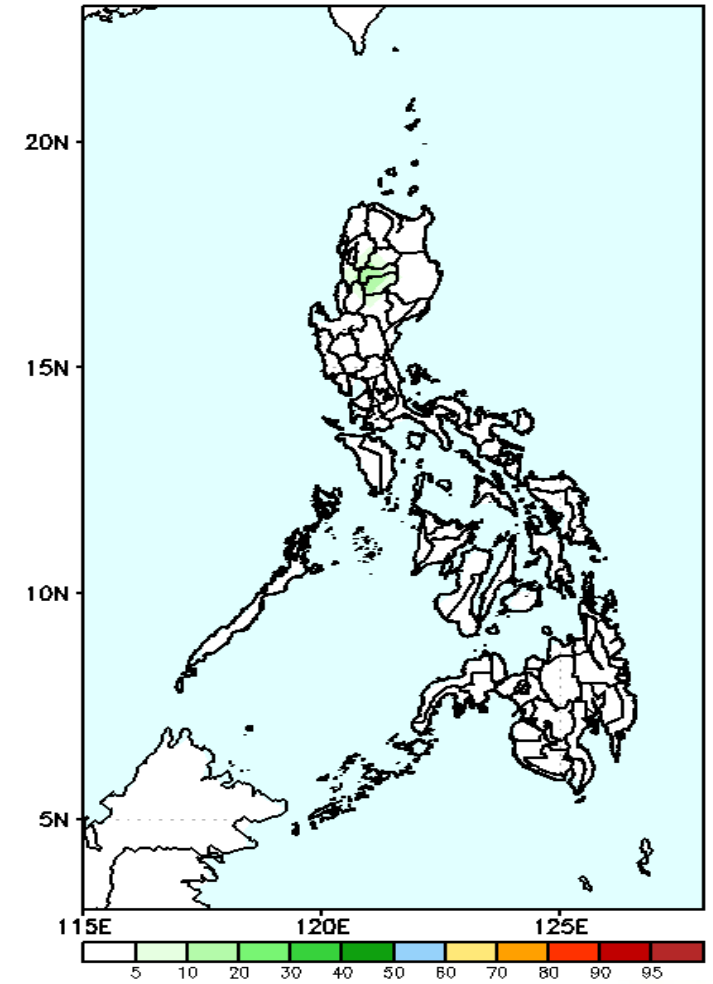
60-80% probability of rainfall to exceed 100mm in Mt. Province and Ifugao while less likely for the rest of the country during the forecast period.

GEFS Week-2 Exceedance Prob. > 150mm  
Valid: 20200824 - 20200830



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

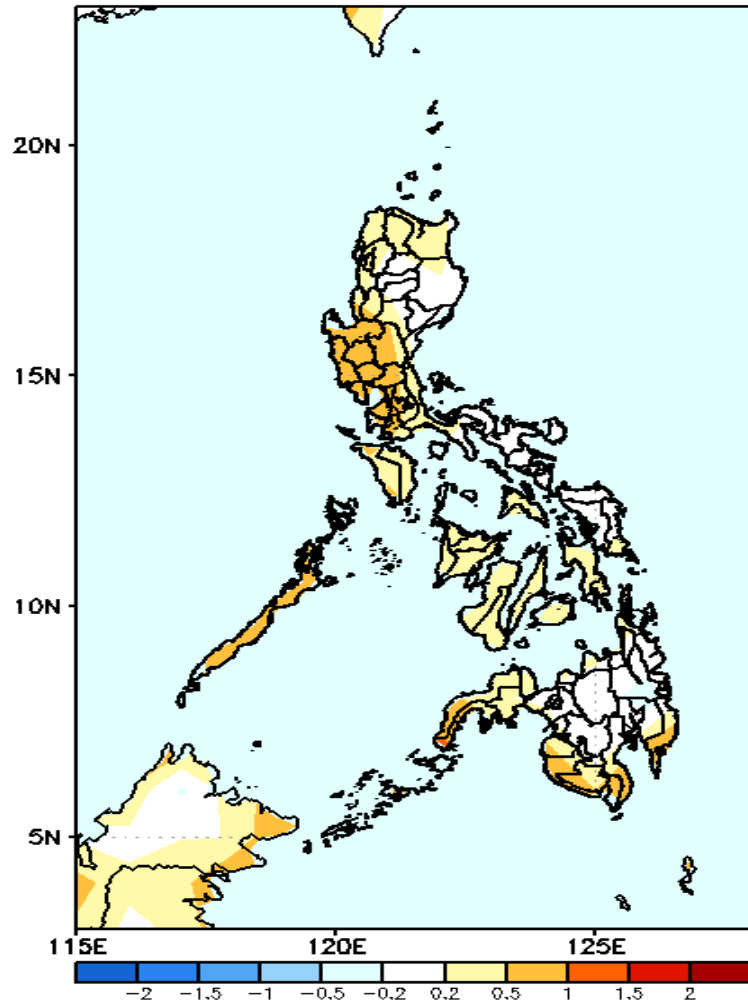
GEFS Week-2 Exceedance Prob. > 200mm  
Valid: 20200824 - 20200830



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

# GEFS Week-1 & 2 Forecasts: T2m Anomaly

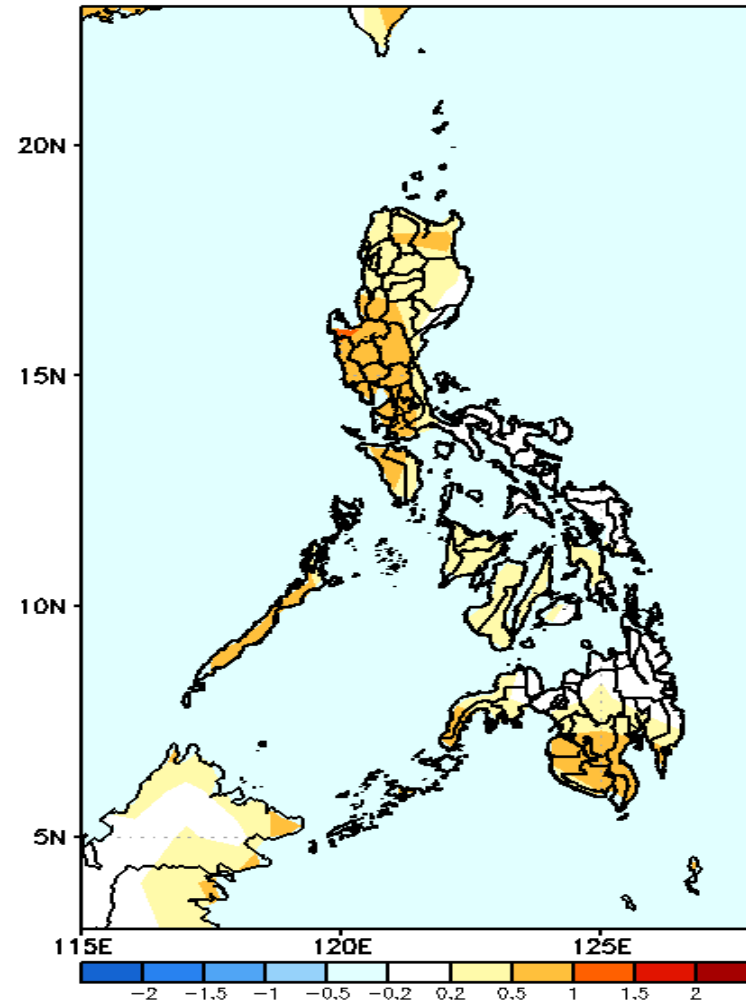
GEFS Week-1 T2m Anomaly  
Valid: 20200817 - 20200823



**2m Temperature Week 1: Aug 17-23, 2020**

Slightly warmer than average surface air temperature will likely experience in central and southern parts of Luzon while average surface air temperature is expected for the rest of the country during the forecast period.

GEFS Week-2 T2m Anomaly  
Valid: 20200824 - 20200830



**2m Temperature Week 2: Aug 24-30, 2020**

Slightly warmer than average surface air temperature will likely experience in central and southern parts of Luzon and in southern Mindanao while average surface air temperature is expected for the rest of the country during the forecast period.

