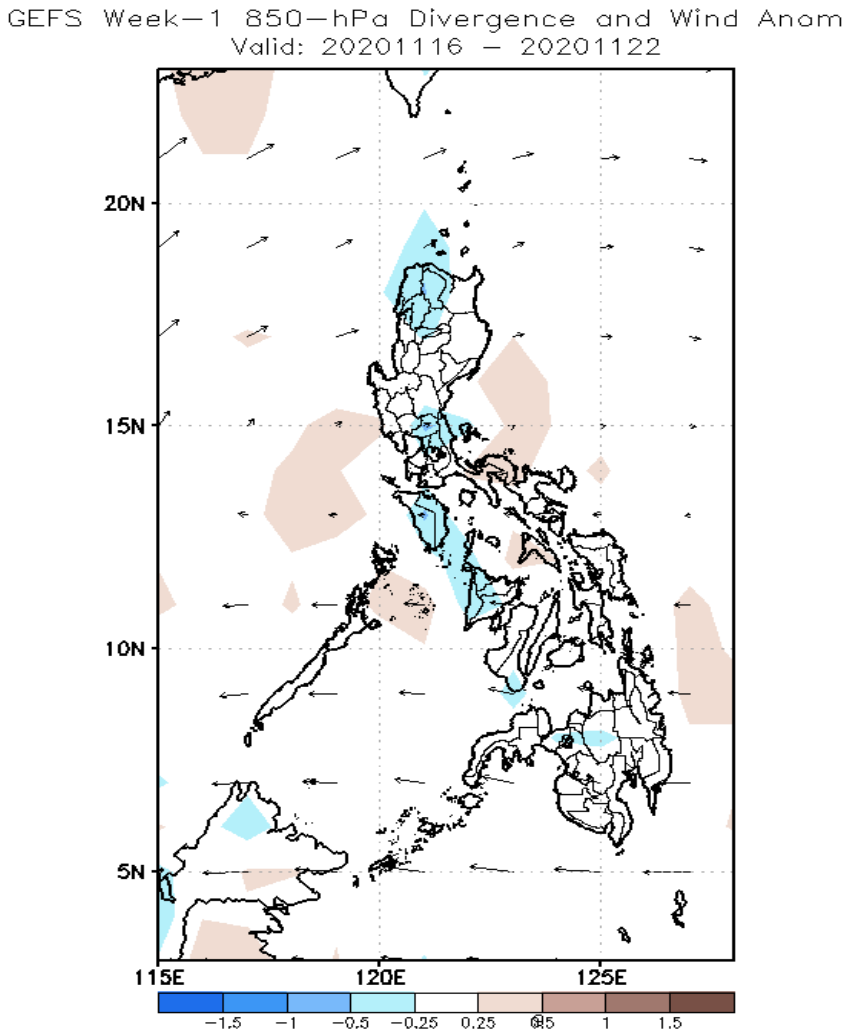
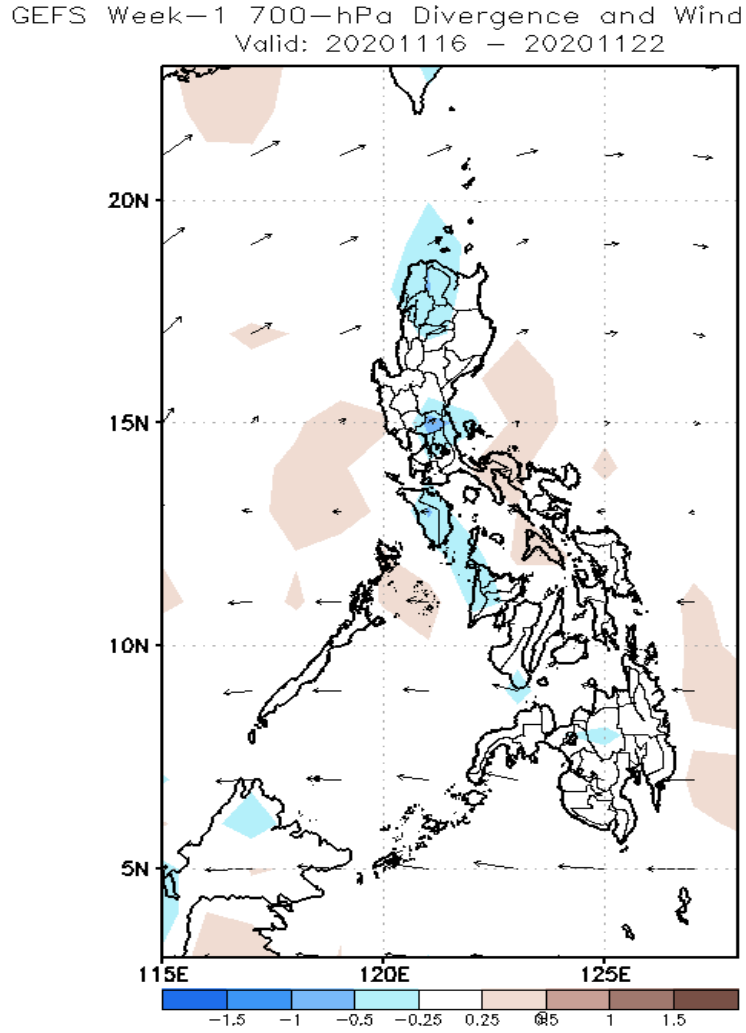
# Week 1 & Week 2 Forecast for the Philippines **using GEFS Model**

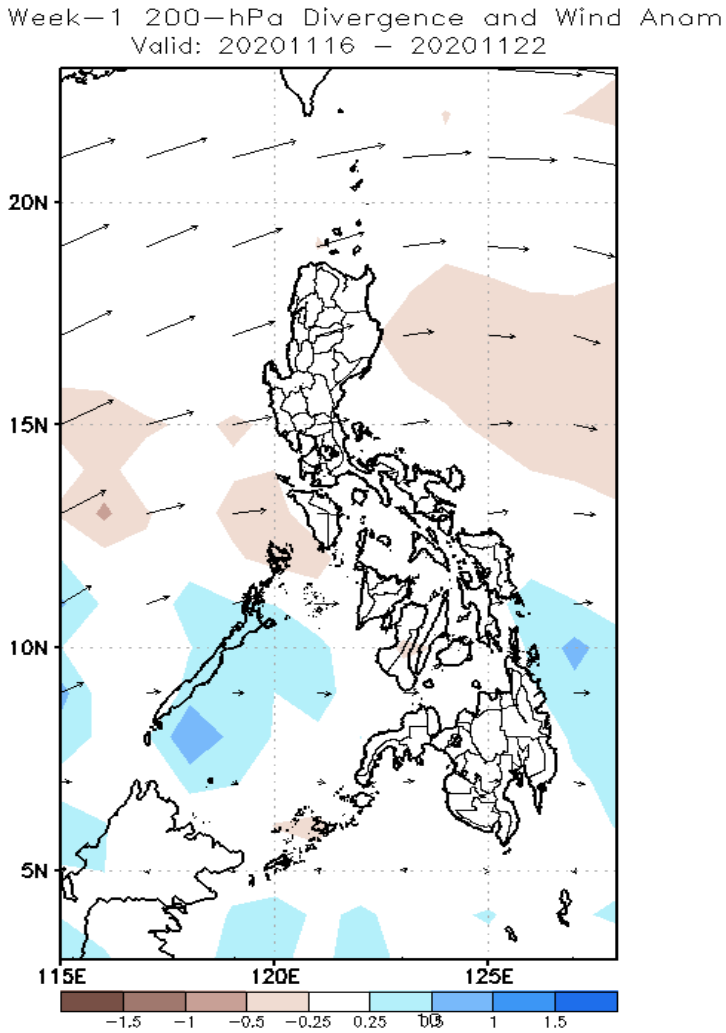
DOST PAGASA
The Weather and Climate Authority

# GEFS Week-1 Forecasts: Divergence & Wind Anomaly

**Week 1: Nov 16-22, 2020**



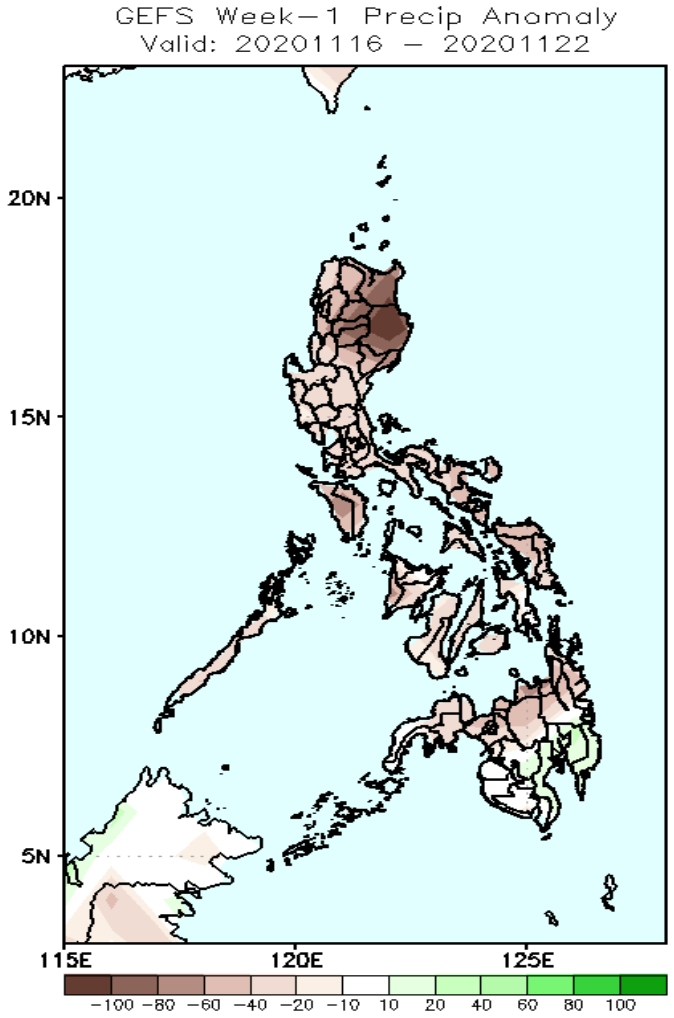



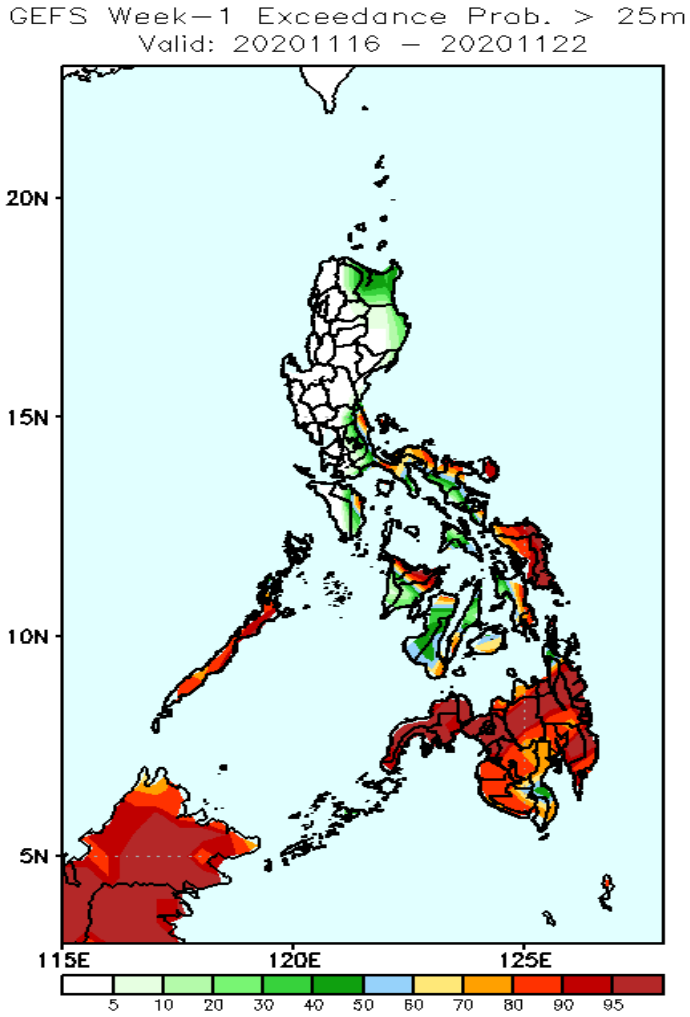

Upper and low level Divergence suggest likelihood of precipitation in parts of Ilocos and Cordillera region, Mindoro provinces, Panay island and Palawan. Northeast monsoon affecting northern Luzon while easterlies affecting most parts of the country during the forecast period.

# Precipitation Anomaly and Exceedance Probability > 25/50 mm

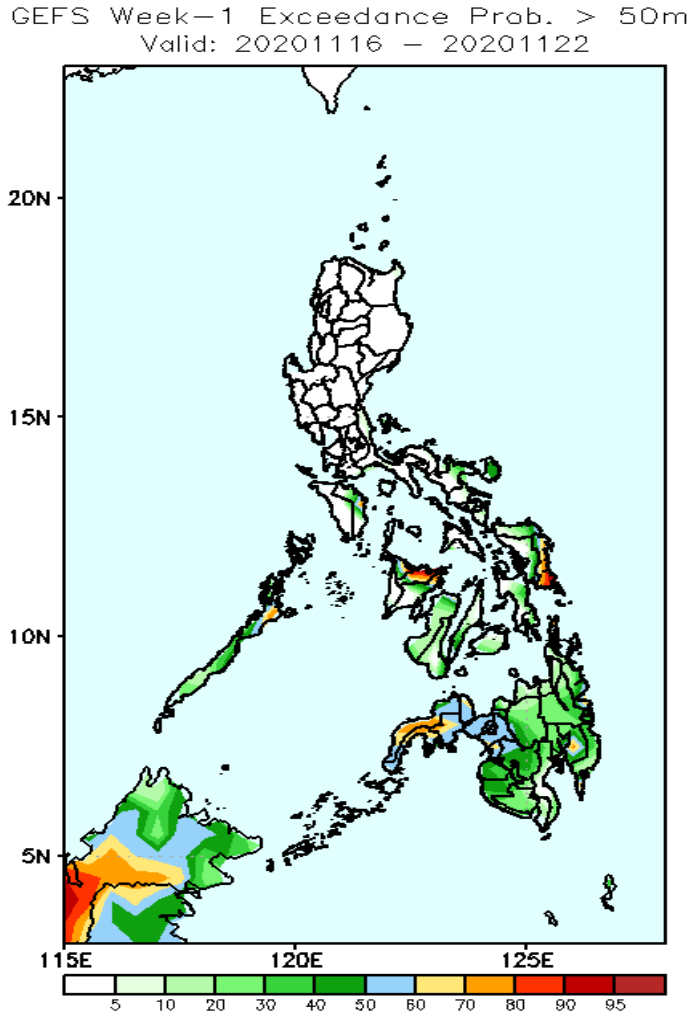
## Week 1: Nov 16-22, 2020




Rainfall deficit of 40-100mm in most parts of the country is expected especially in the northern half of Luzon during the forecast period.



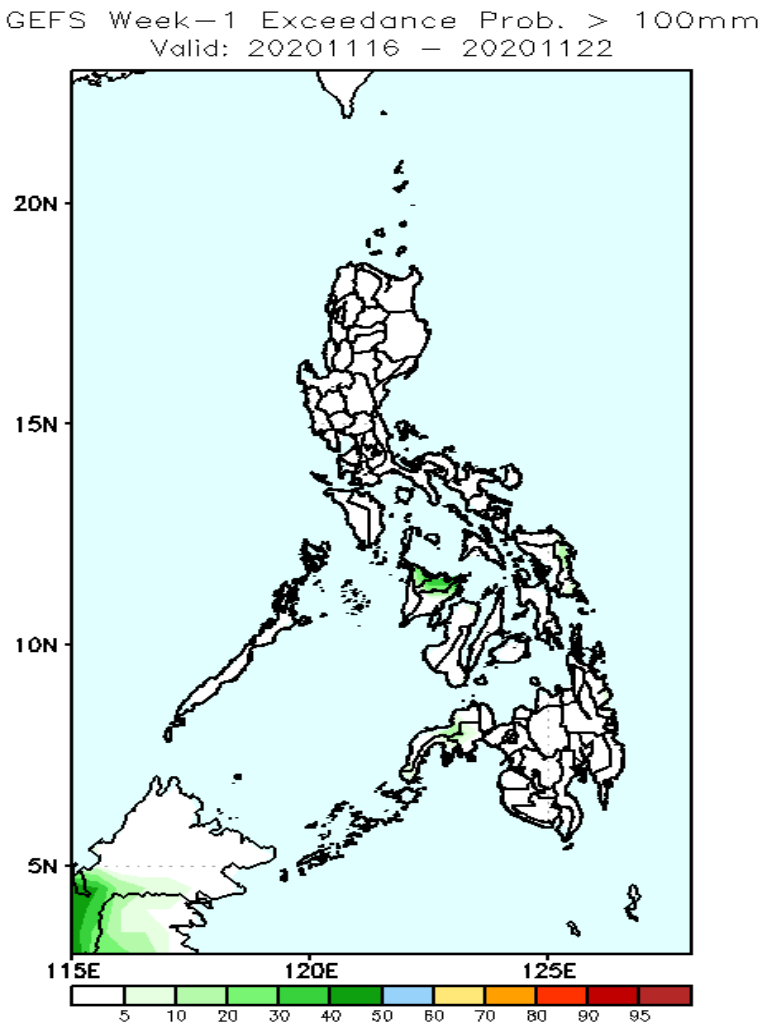

High probability of rainfall to exceed 25mm in Bicol Region, Eastern Visayas, Aklan, Capiz and most parts of Mindanao is expected while less likely for the rest of Luzon and Visayas.



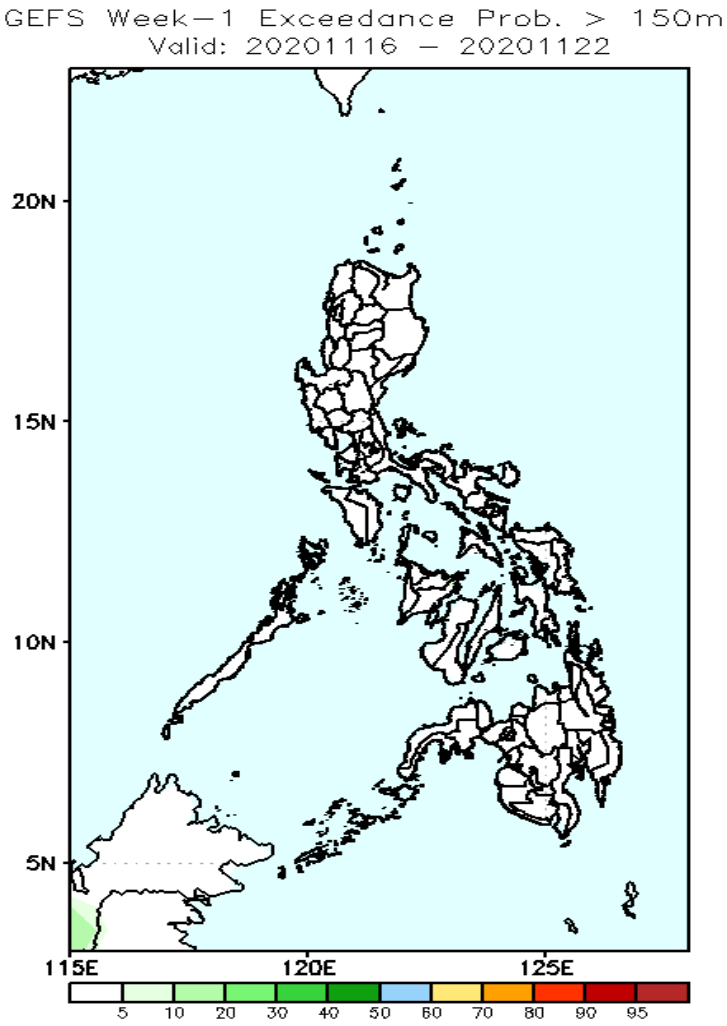

60-90% probability of rainfall to exceed 50mm in Capiz, Eastern Samar and Zamboanga Peninsula while less likely for the rest of the country during the forecast period.

# Exceedance Probability > 100/150/200 mm

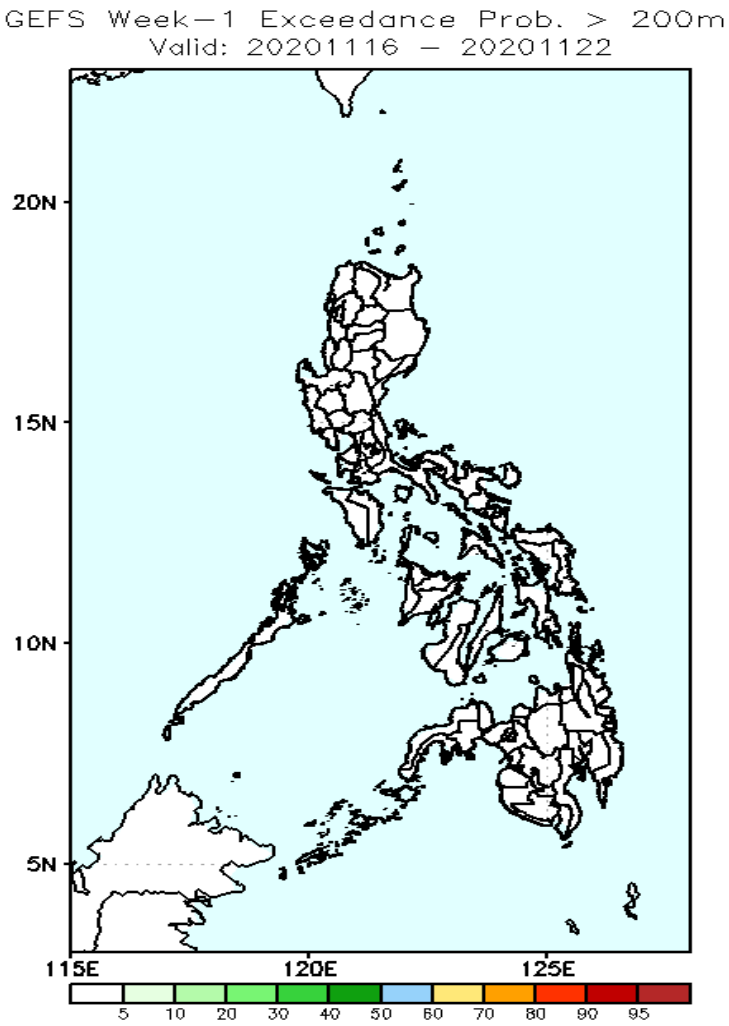
## Week 1: Nov 16-22, 2020




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



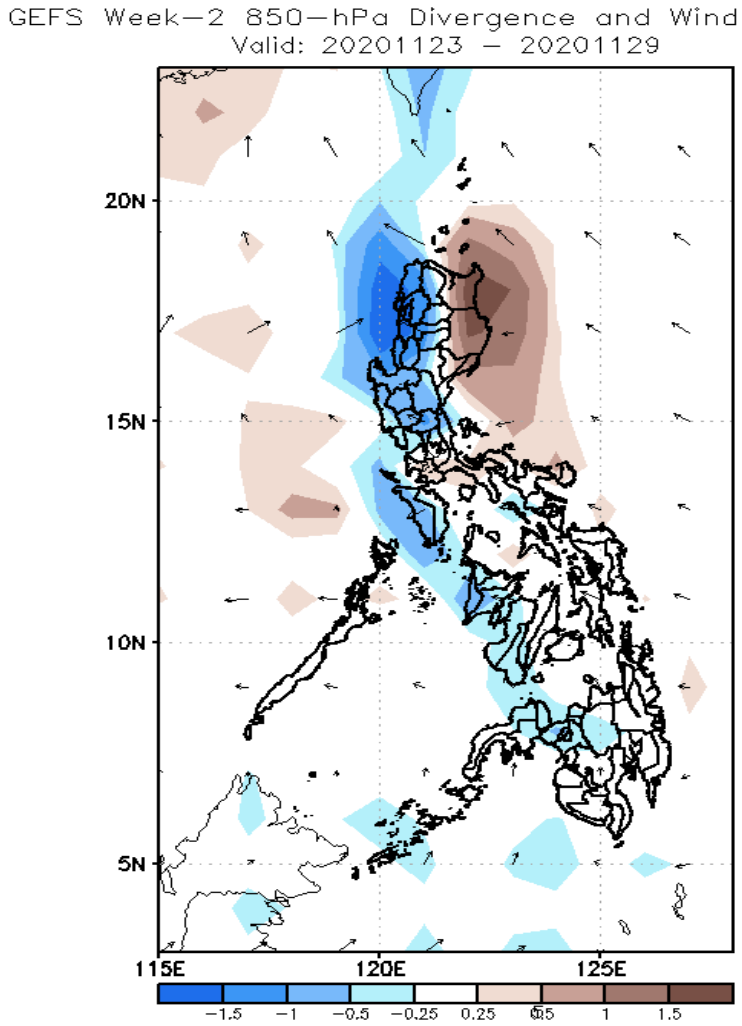

Less probability of rainfall to exceed 150mm in most parts of the country during the forecast period.

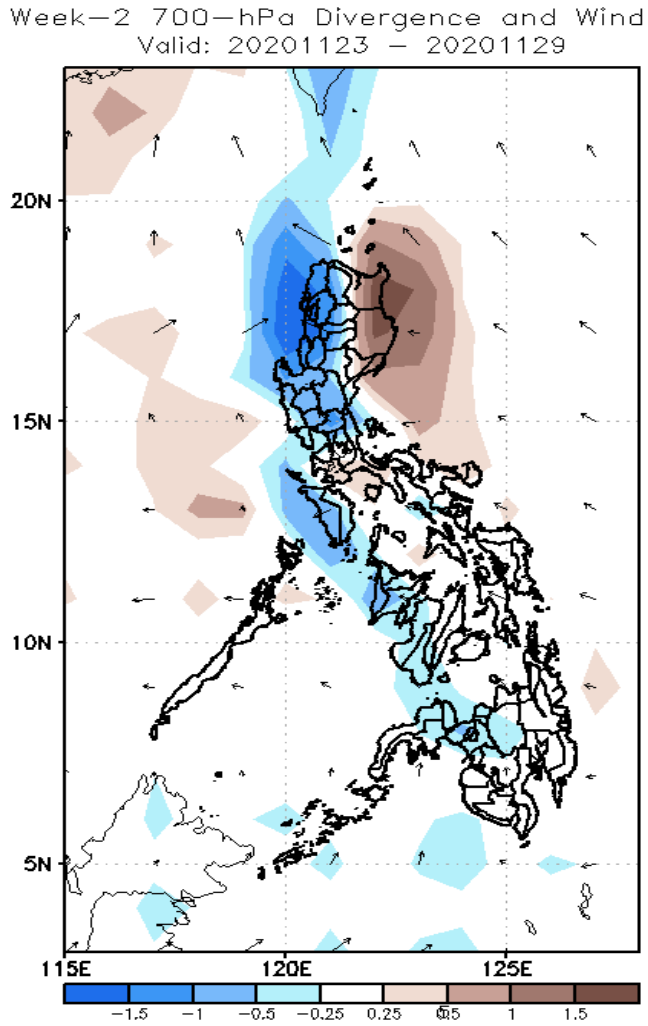


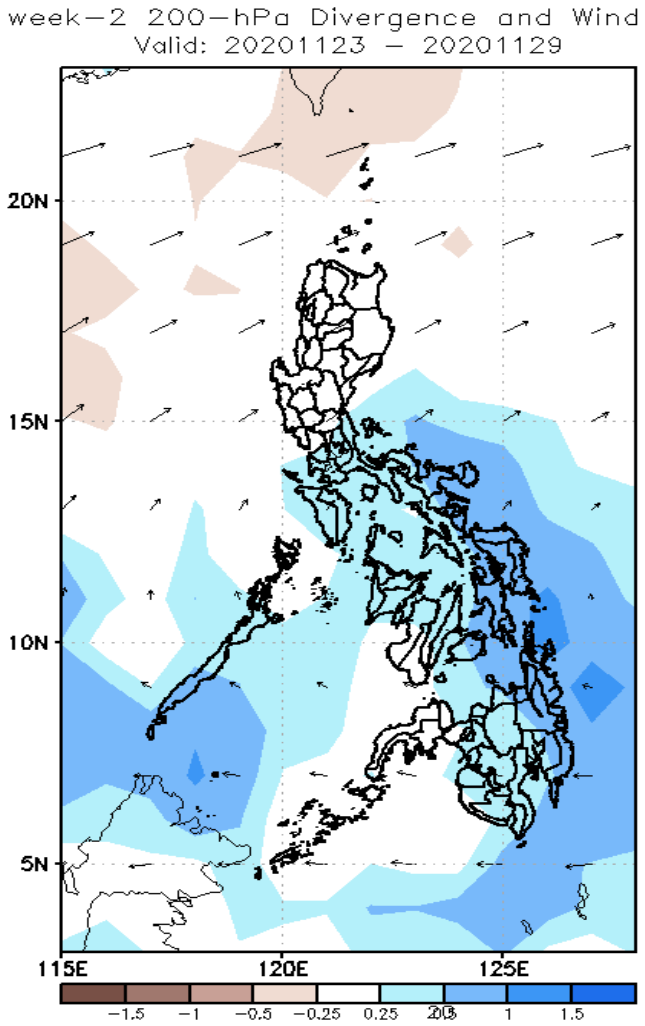

Less probability of rainfall to exceed 200mm in most parts of the country during the forecast period.

# GEFS Week-2 Forecasts: Divergence & Wind Anomaly

## Week 2: Nov 23-29, 2020



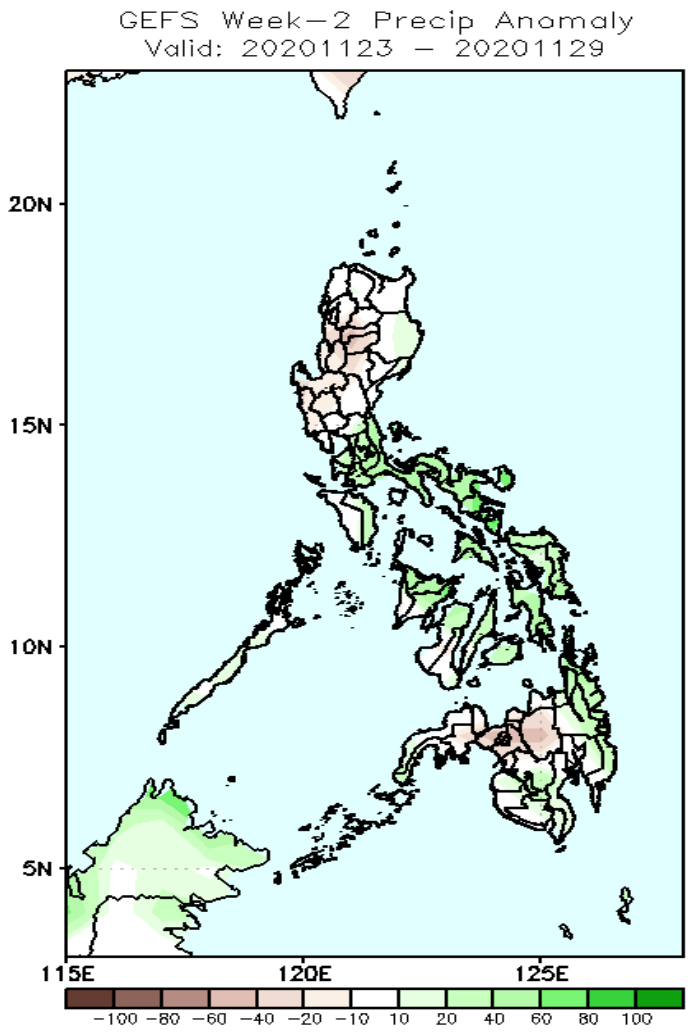



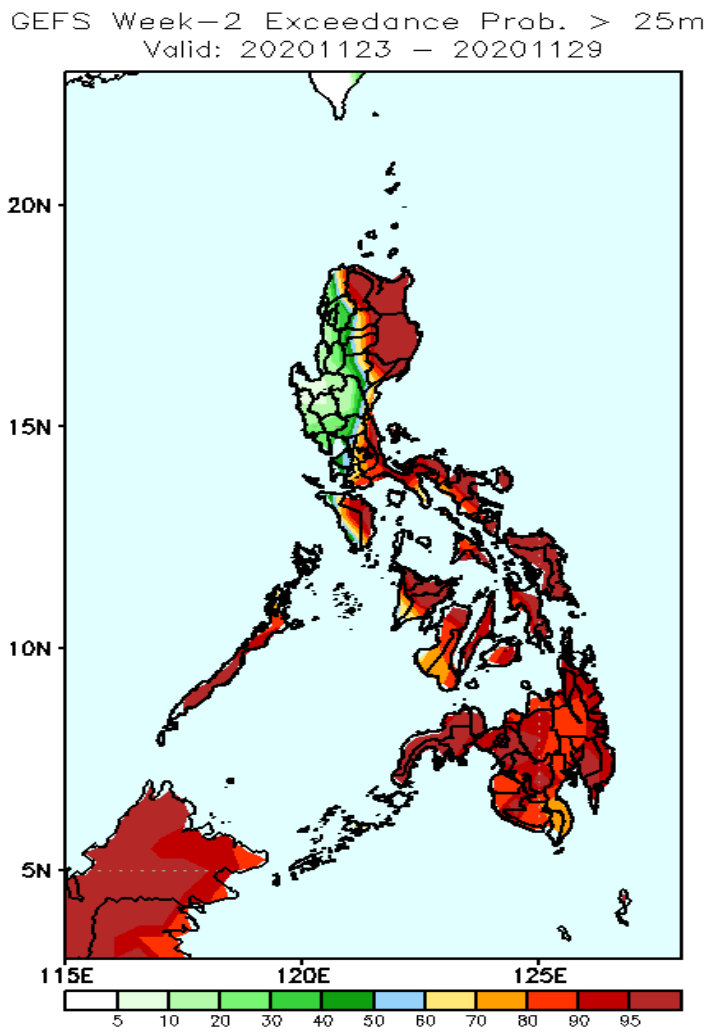

Upper and low level Divergence suggest likelihood of precipitation in most parts of the country. Northeast monsoon affecting extreme northern Luzon while easterlies affecting most parts of the country during the forecast period.

# Precipitation Anomaly and Exceedance Probability > 25/50 mm

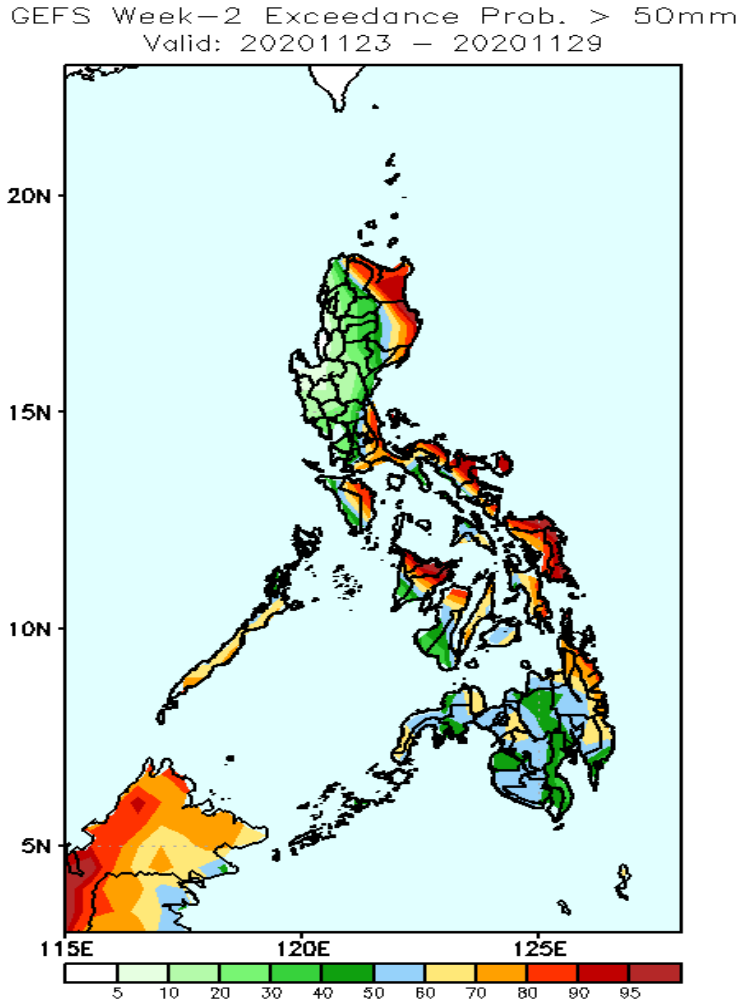
## Week 2: Nov 23-29, 2020




Increase of rainfall of up to 60mm in southern Luzon, Bicol Regio, most parts of Visayas and eastern Mindanao is expected during the forecast period.



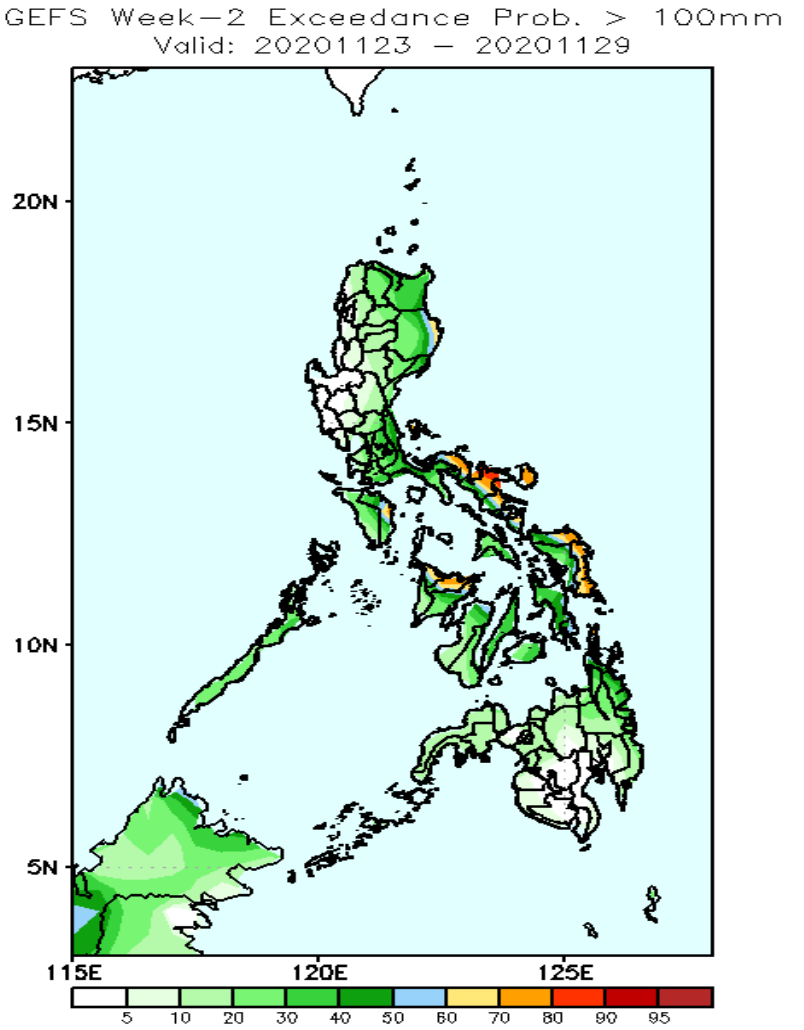

High probability of rainfall to exceed 25mm in most parts of the country except in the western section of Luzon where there is low probability.



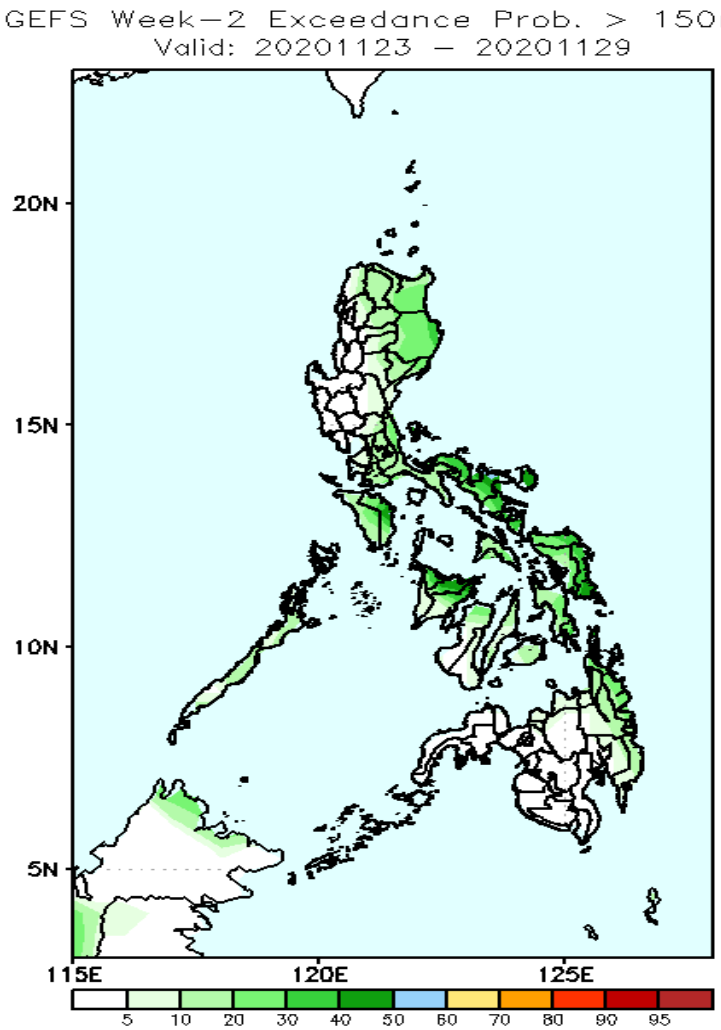

High probability of rainfall to exceed 50mm in Apayao, Cagayan, Isabela, Bicol Region, Mindoro, CALABARZON, most parts of Visayas and eastern Mindanao is expected while less likely for the rest of Luzon and Mindanao

# Exceedance Probability > 100/150/200 mm

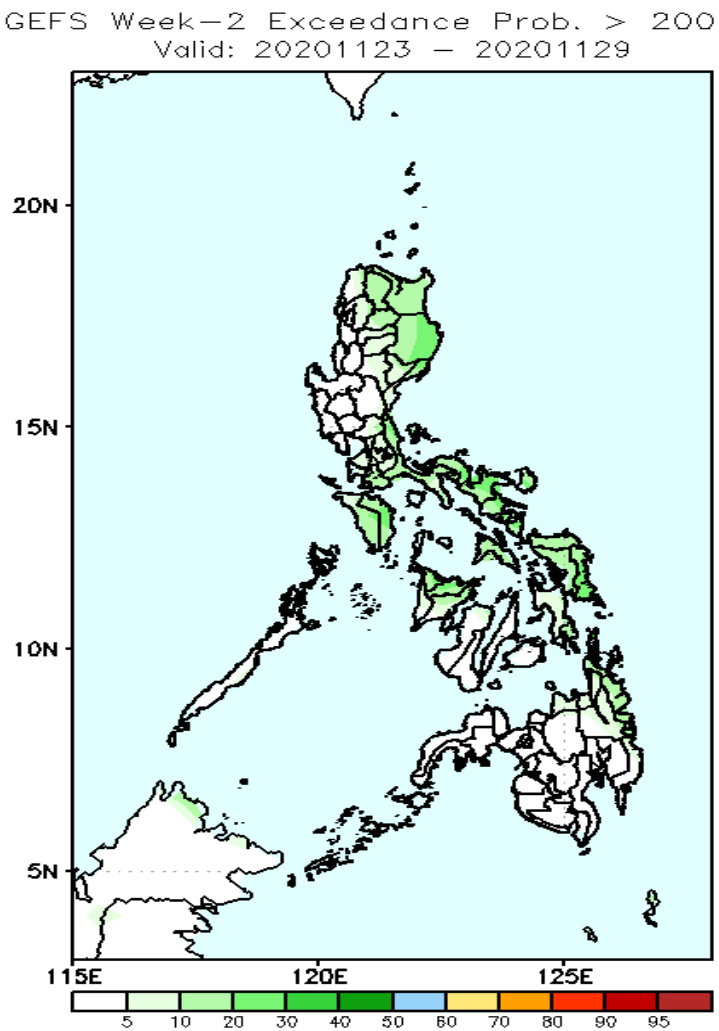
## Week 2: Nov 23-29, 2020, 2020




70-90% probability of rainfall to exceed 100mm in Bicol Region, Capiz and Eastern Samar while less likely for the rest of the country during the forecast period.

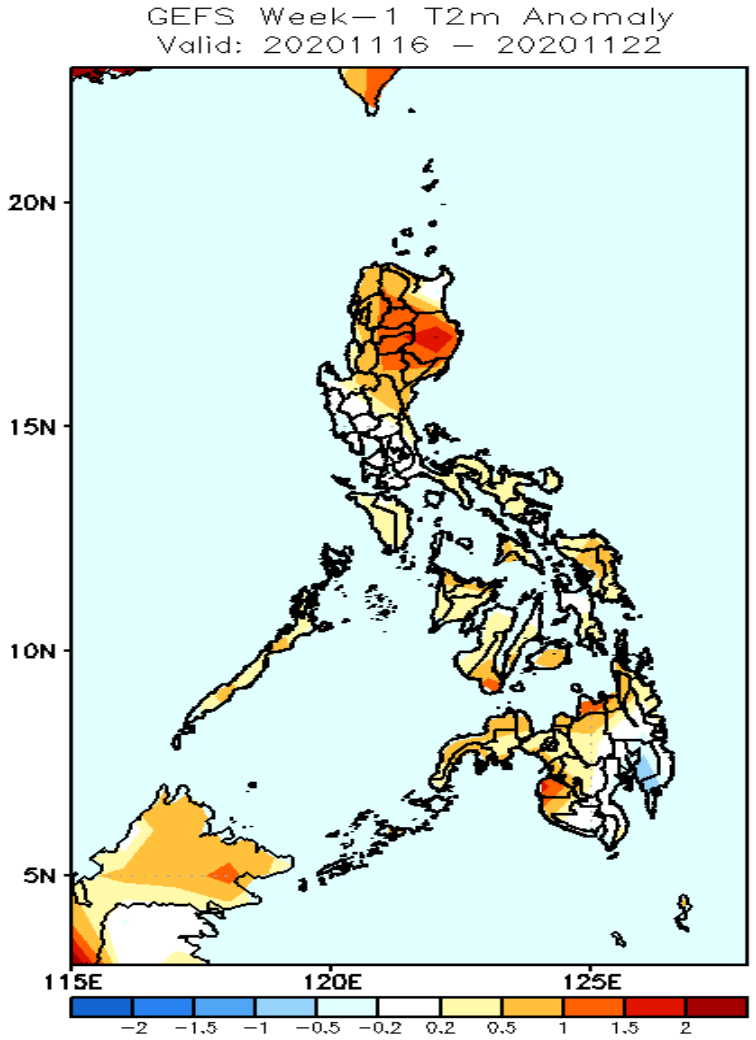



Less probability of rainfall to exceed 150mm in most parts of the country during the forecast period.



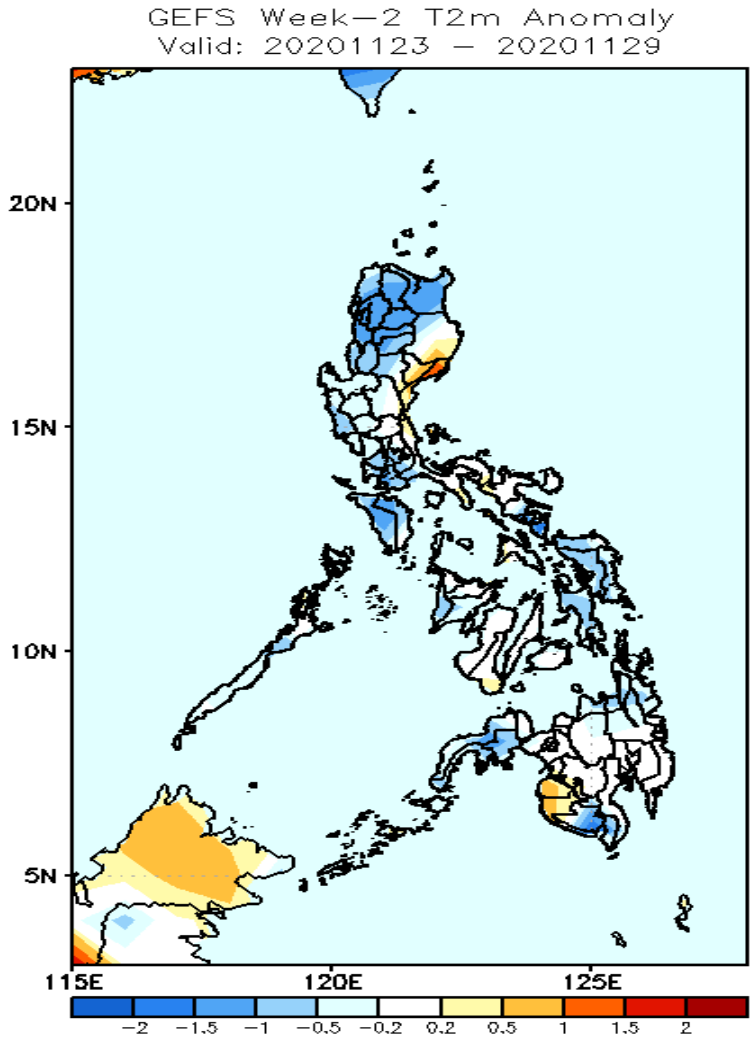

Less probability of rainfall to exceed 200mm in most parts of the country during the forecast period.

# GEFS Week-1 & 2 Forecasts: T2m Anomaly




**2m Temperature Week 1: Nov 16-22, 2020**

Slightly warmer to warmer than average surface air temperatures is expected in most parts of the country except in Cagayan, Central Luzon and Davao Region where average surface air temperature is more likely.




**2m Temperature Week 2: Nov 23-29, 2020**

Slightly cooler to cooler than average surface air temperature is expected in most parts of the country except in Isabela, Quirino, Maguindanao and Sultan Kudarat where slightly warmer temperature is more likely.