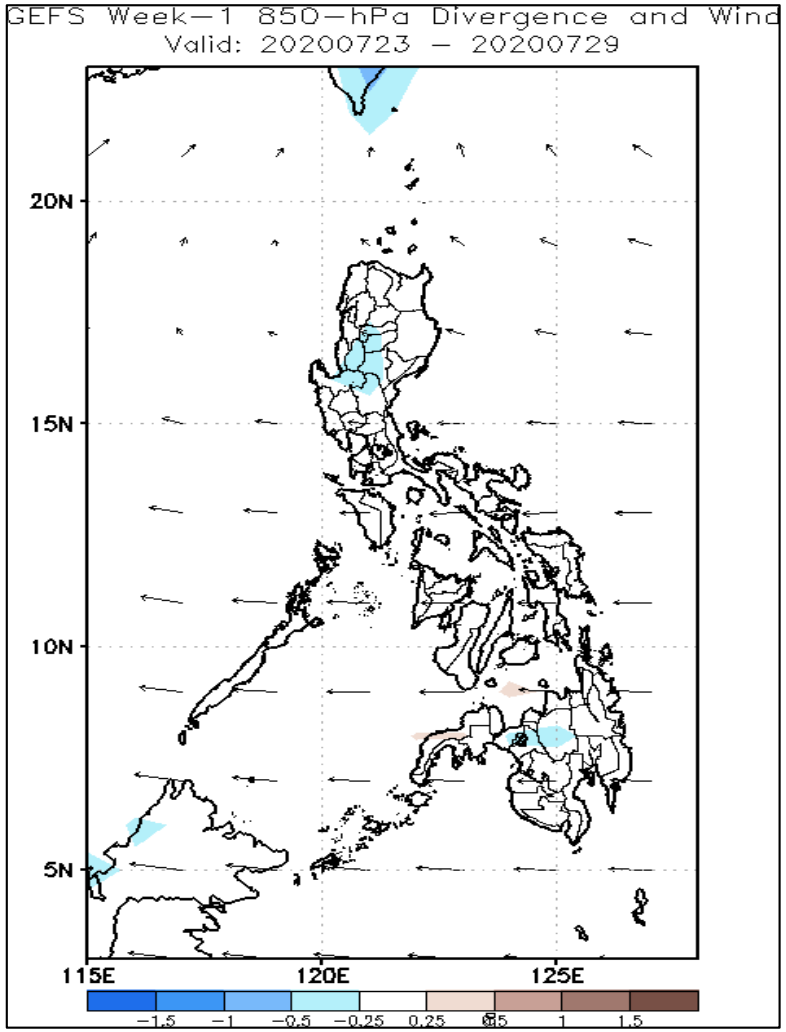
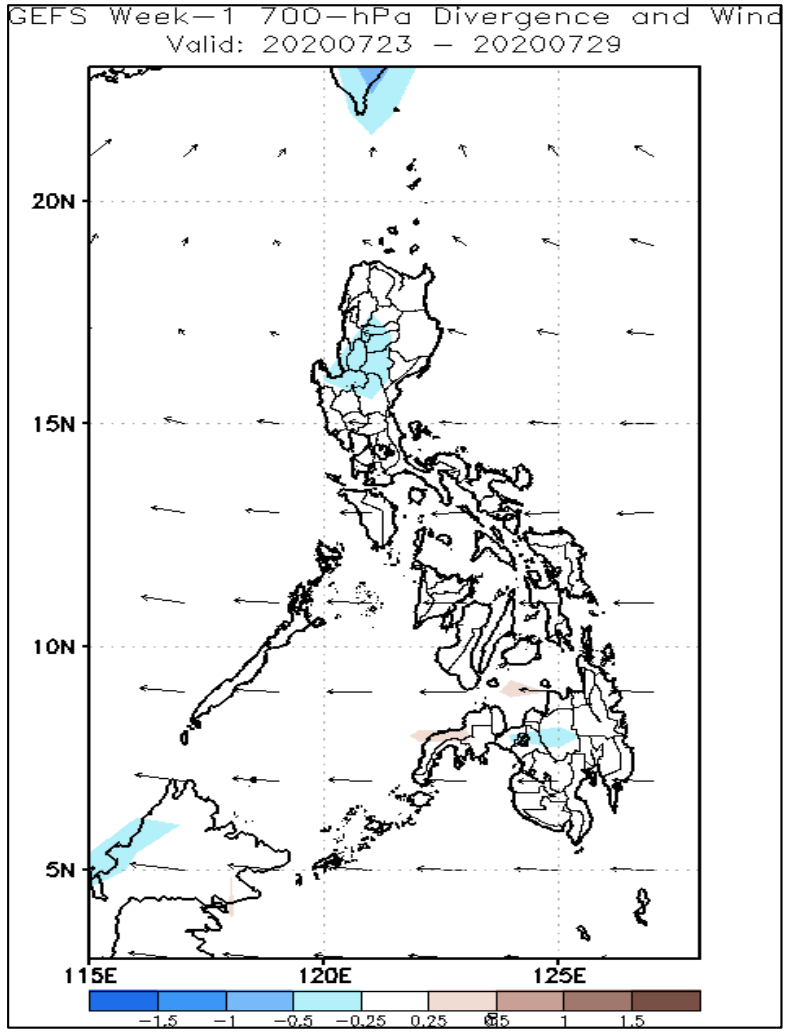
Week 1 & Week 2 Forecast for the Philippines **using GEFS Model**

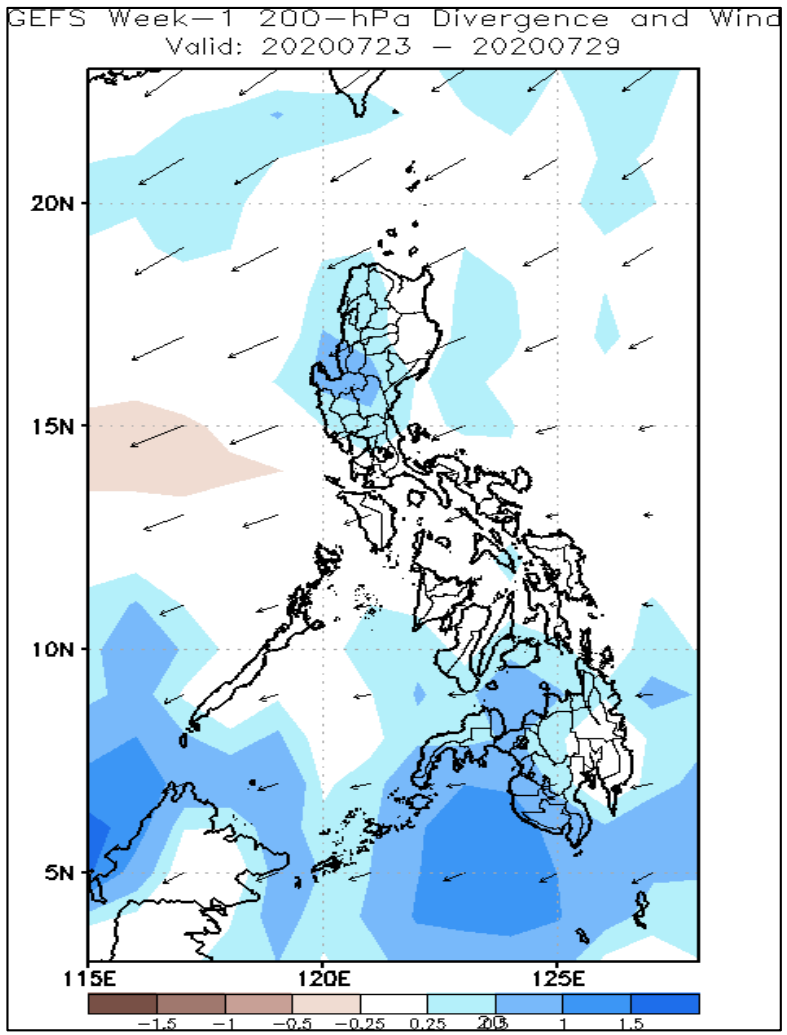
DOST PAGASA
The Weather and Climate Authority

GEFS Week-1 Forecasts: Divergence & Wind Anomaly

Week 1: July 23-29, 2020



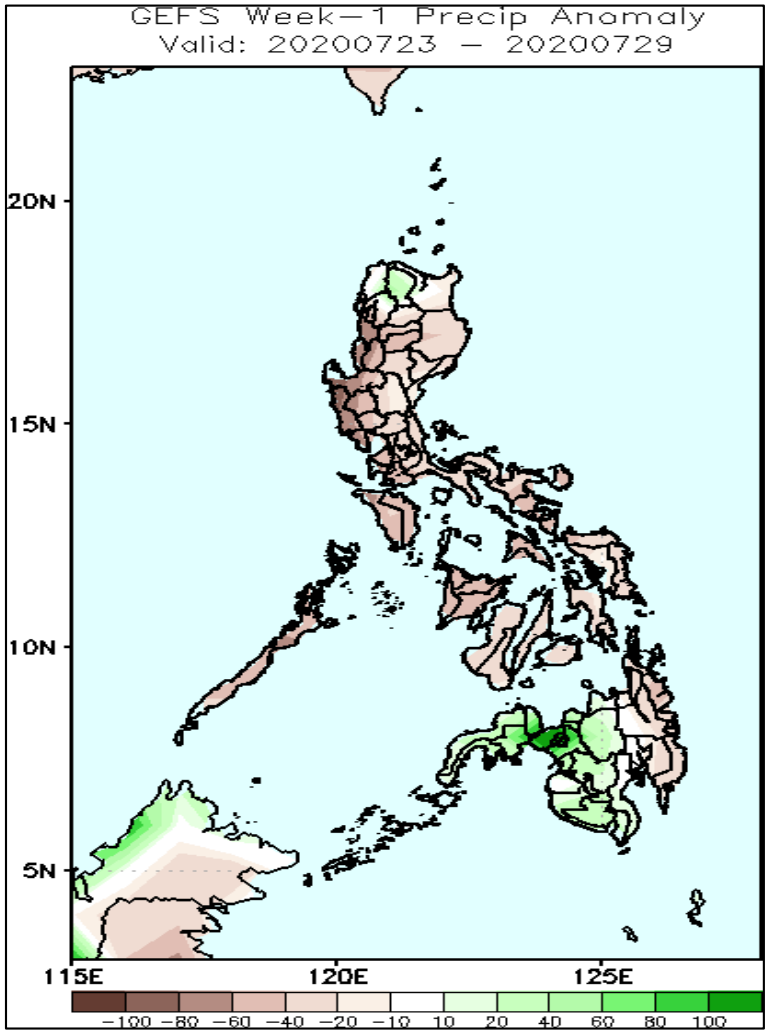




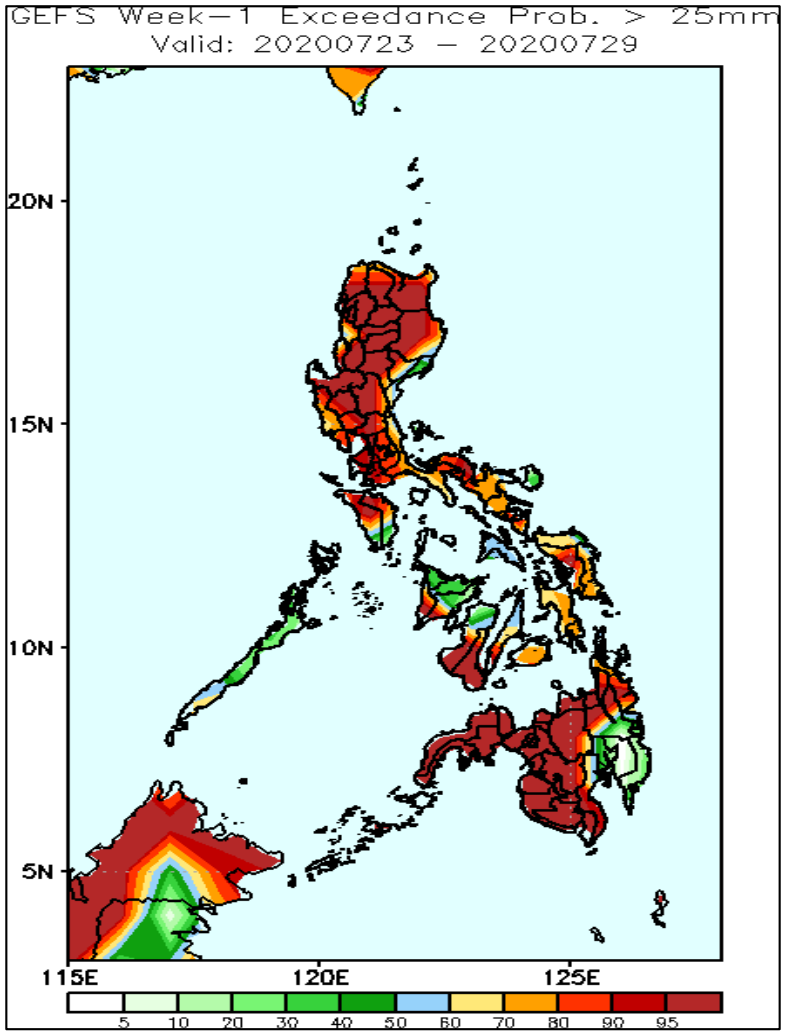
Upper level (200 hPa) Divergence suggest likelihood of precipitation in most parts of northern and central Luzon and most parts of Mindanao. Easterlies affecting most parts of the country during the forecast period.

Precipitation Anomaly and Exceedance Probability > 25/50 mm

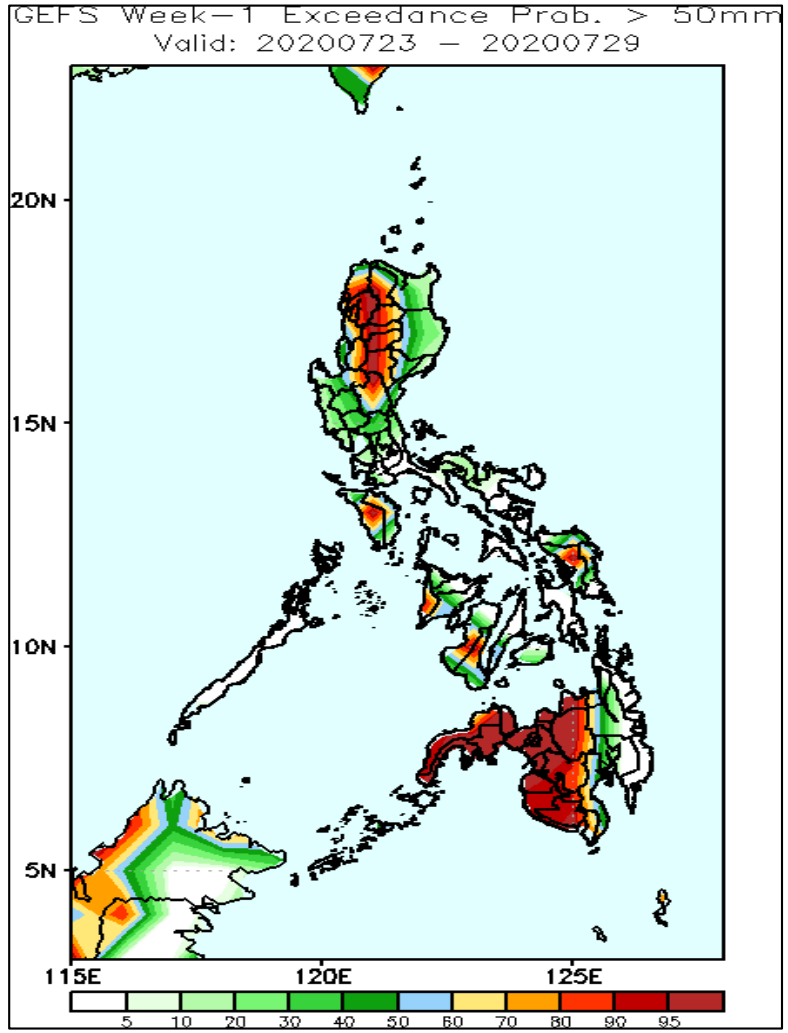
Week 1: July 23-29, 2020



Rainfall deficit of 40-80 mm in most parts of the country except most part of Mindanao(except CARAGA and Davao region were increase of rainfall of up to 60mm is expected during the forecast period.



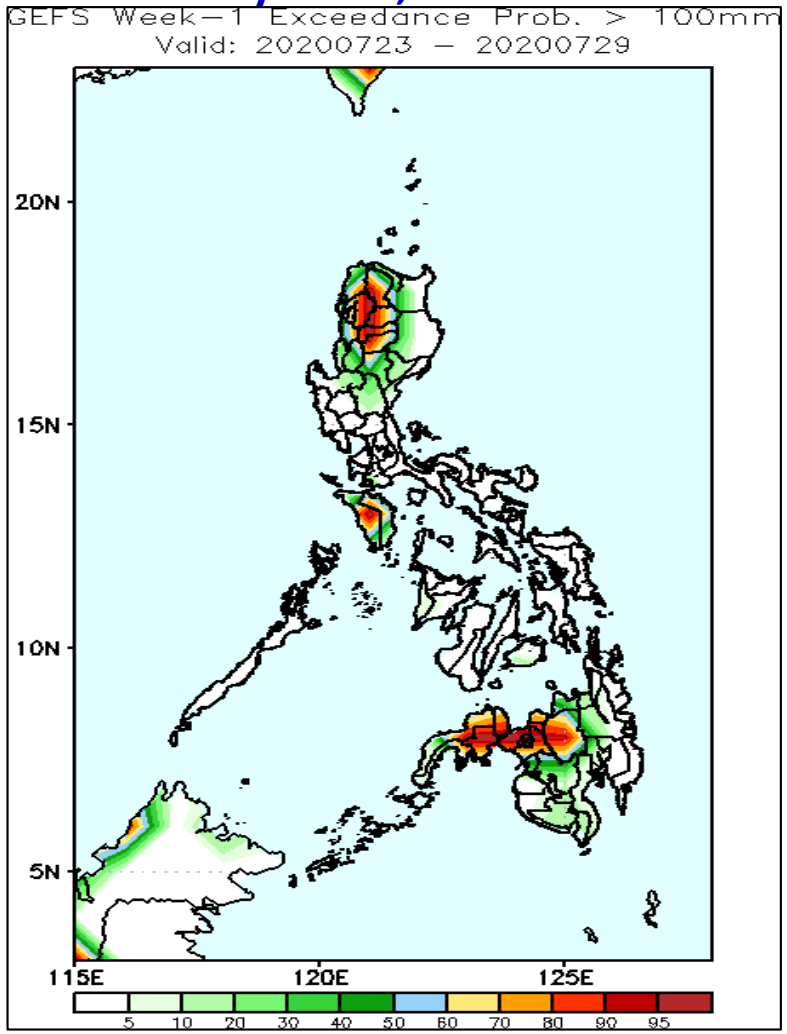
High probability of rainfall to exceed 25mm in most parts the country except Palawan and Davao Region during the forecast period.



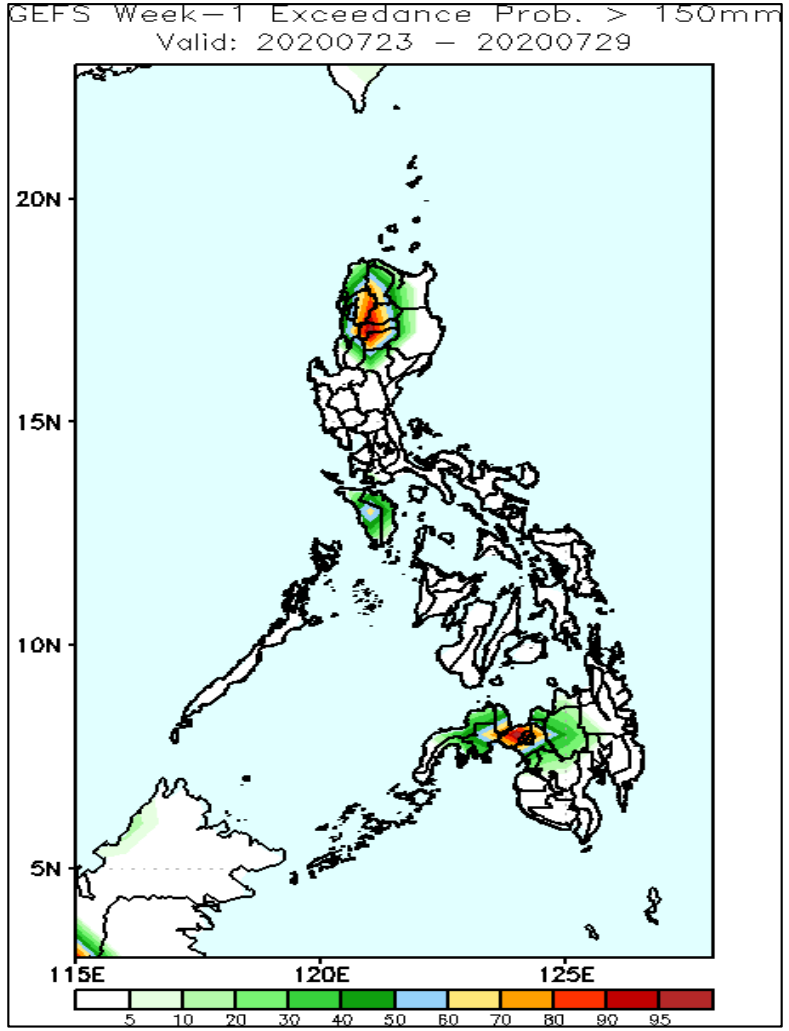
High probability of rainfall to exceed 50mm in Cordillera region, Nueva Vizcaya, Nueva Ecija and most parts of Mindanao(except CARAGA and Davao region) during the forecast period.

Exceedance Probability > 100/150/200 mm

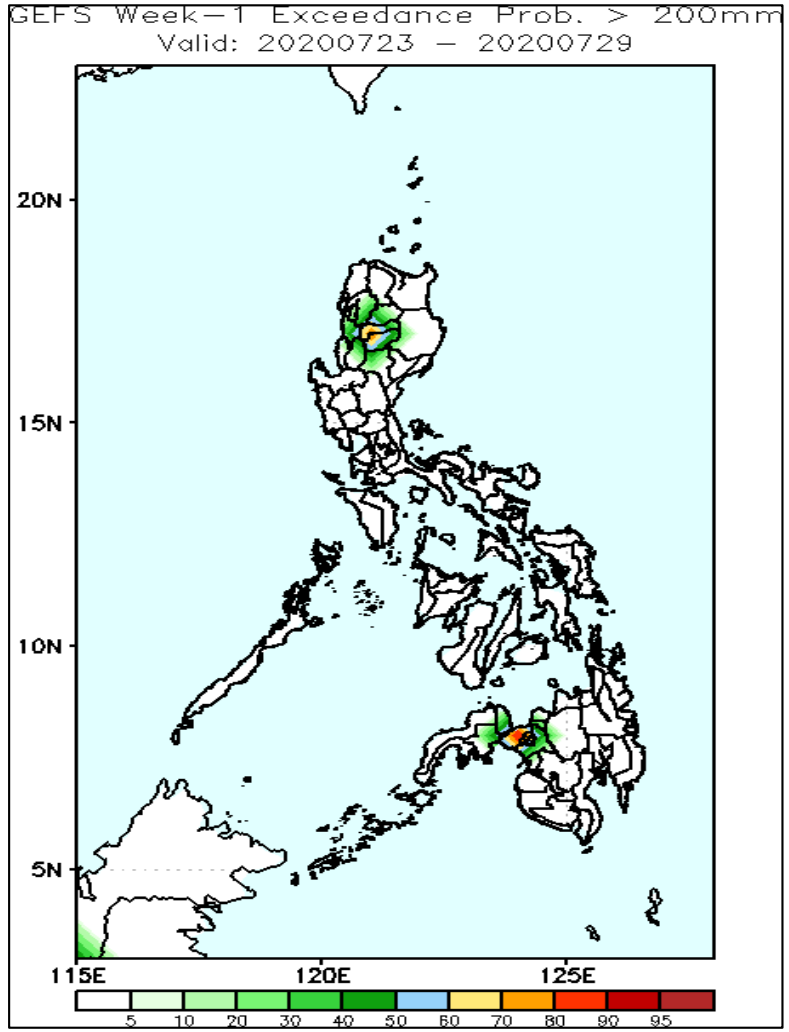
Week 1: July 23-29, 2020



80-90% probability of rainfall to exceed 100mm in Cordillera region, northern Mindanao and Zamboanga del Sur while less likely for the rest of the country during the forecast period.



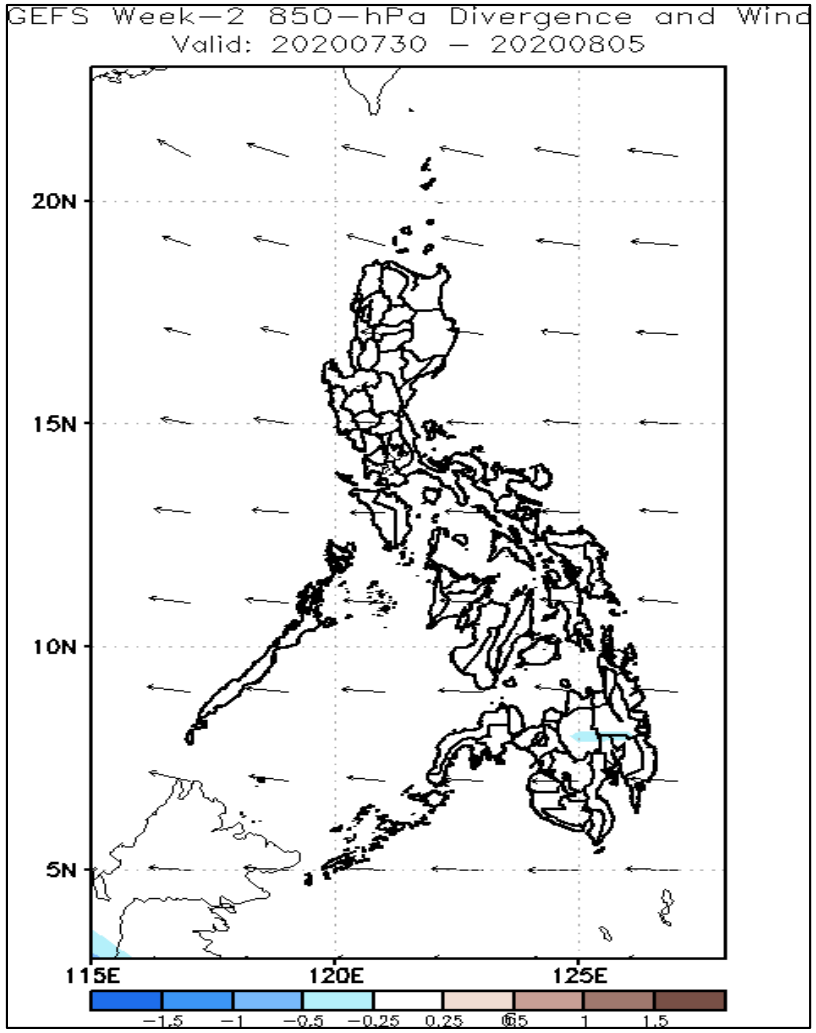
Less probability of rainfall to exceed 150mm in most parts of the country during the forecast period.

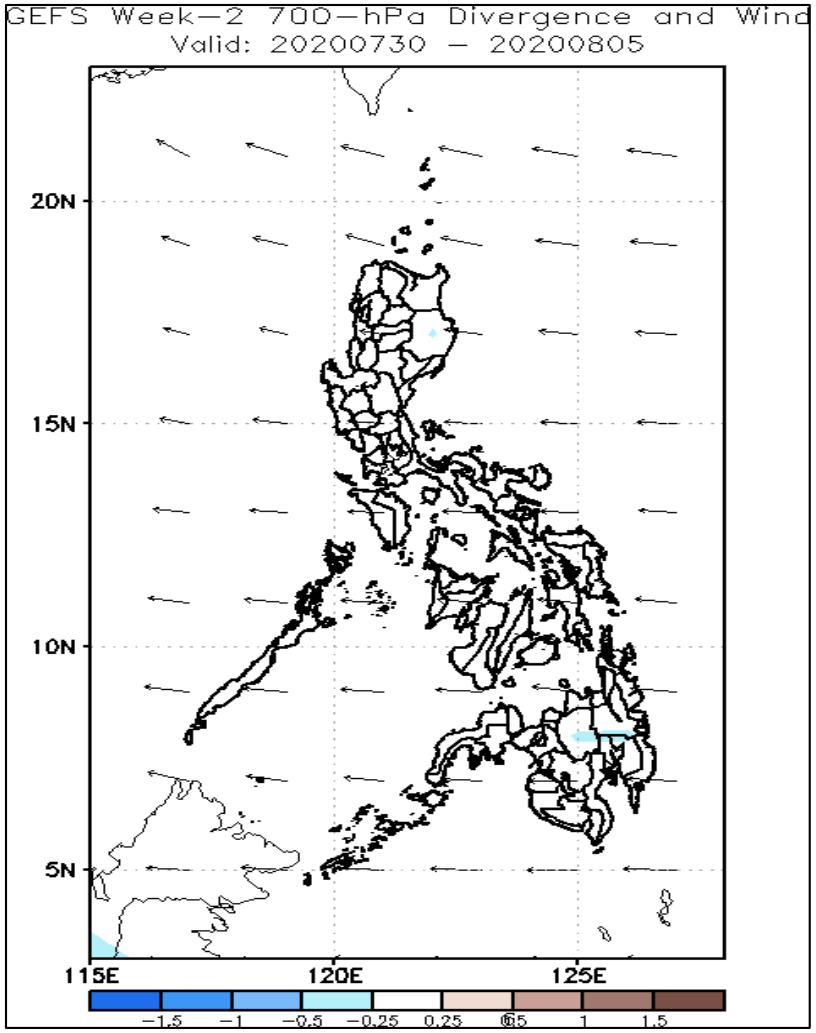


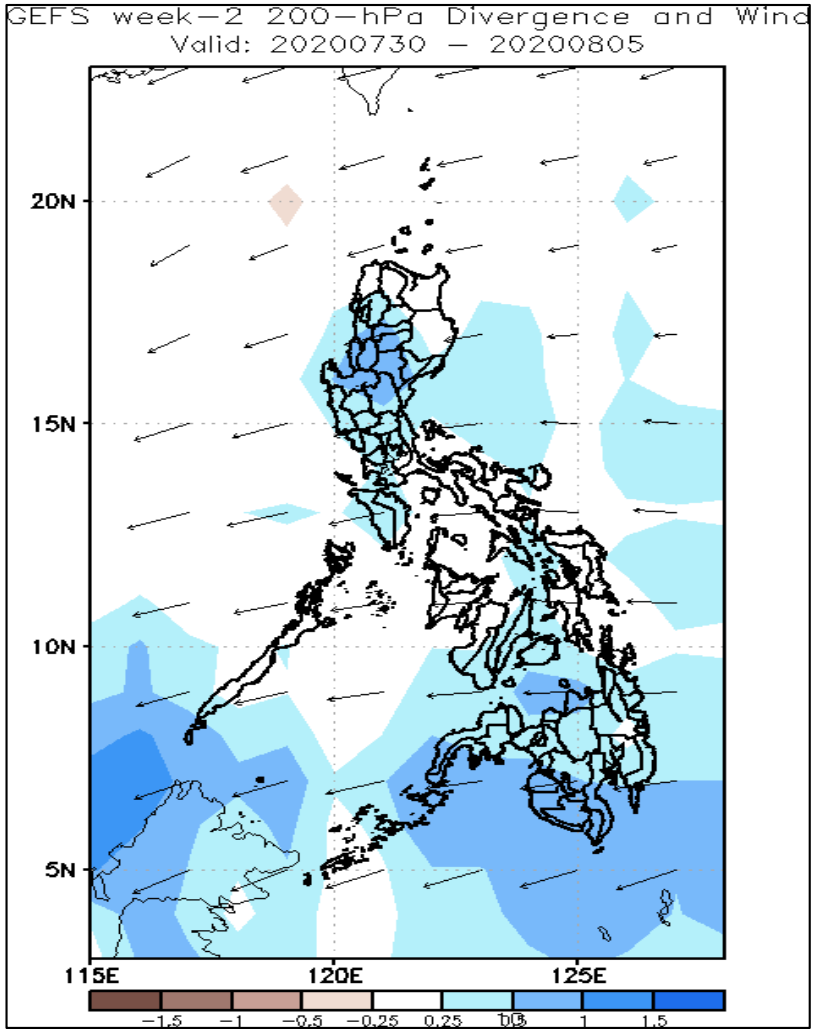
Less probability of rainfall to exceed 200mm in most parts of the country during the forecast period.

GEFS Week-2 Forecasts: Divergence & Wind Anomaly

Week 2: July 30 – August 05, 2020







Upper level (200 hPa) Divergence suggest likelihood of precipitation in most parts of western and central Luzon, Cordillera region, Mindoro, central Visayas and most parts of Mindanao. Easterlies affecting most parts of the country during the forecast period.

Precipitation Anomaly and Exceedance Probability > 25/50 mm

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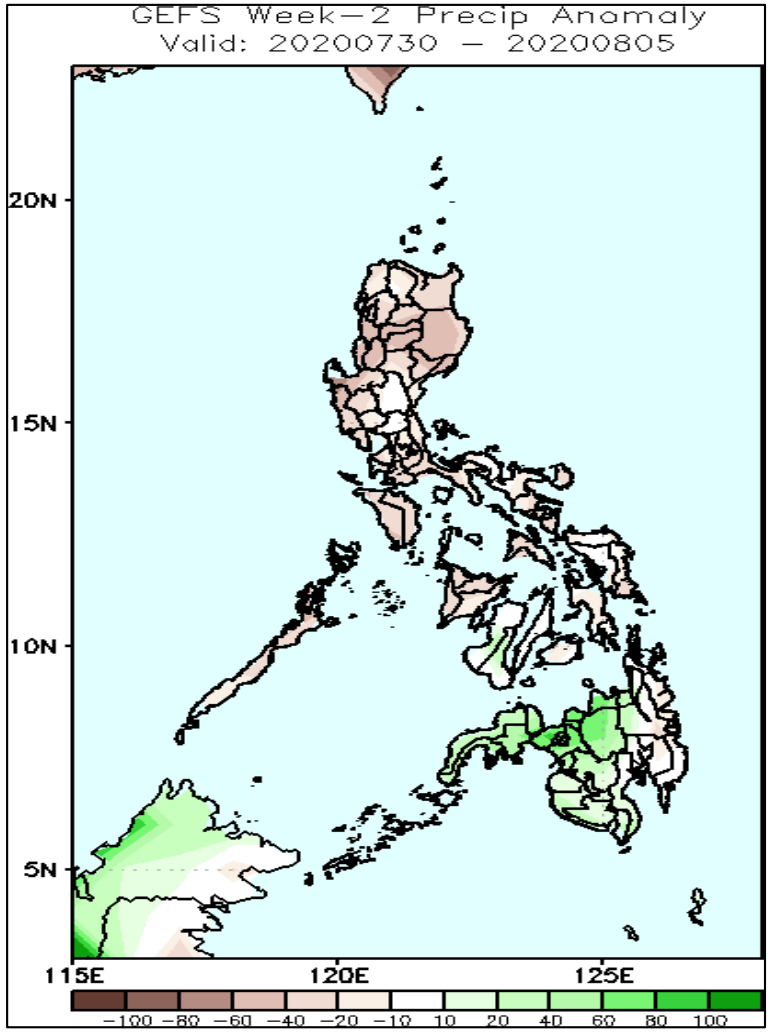
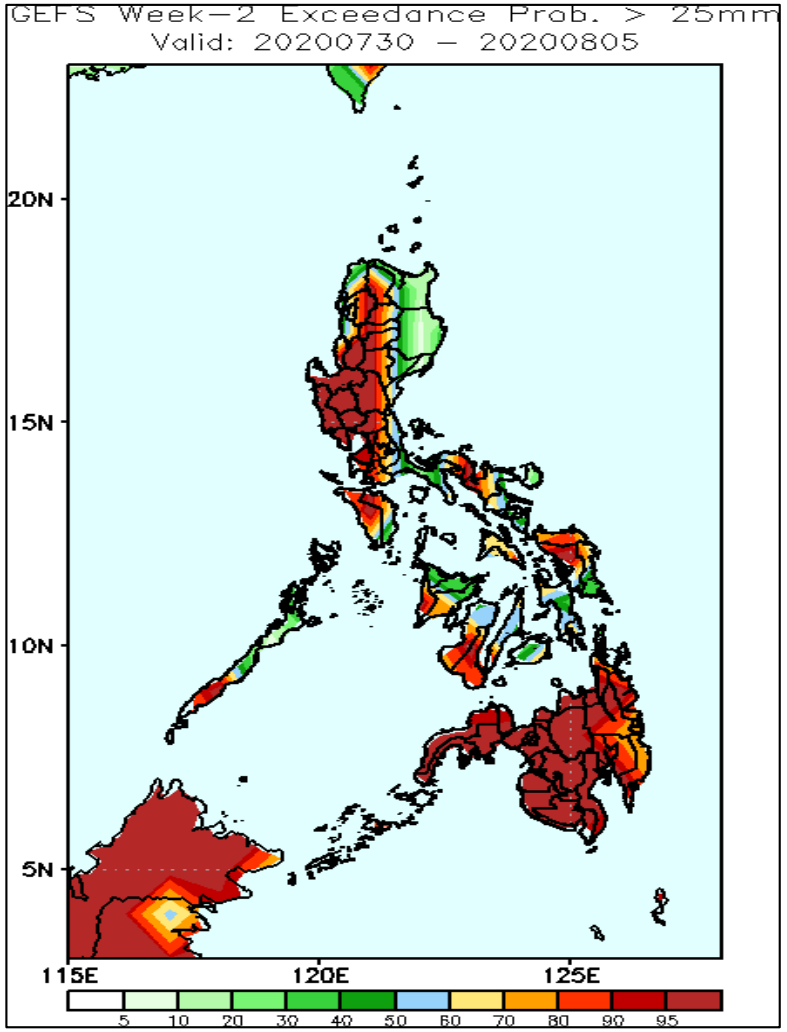
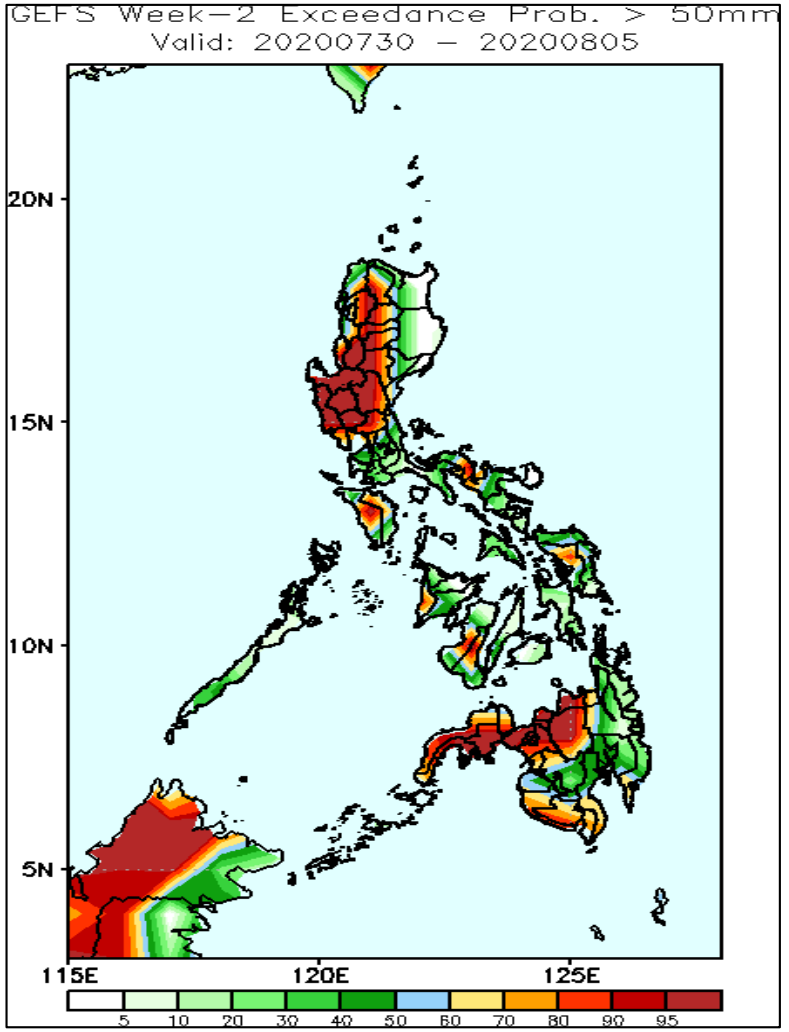


Rainfall deficit of 40-80 mm in most parts of Luzon and Visayas while an increase of rainfall up to 40mm is expected in most parts of Mindanao during the forecast period.



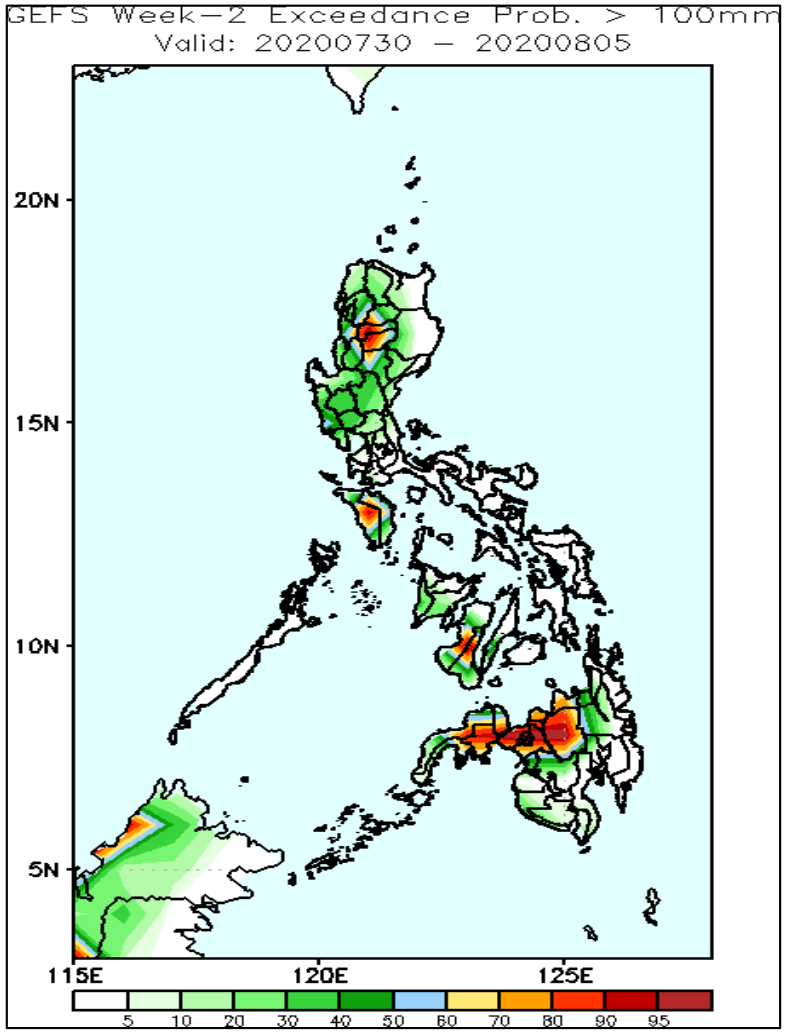
High probability of rainfall to exceed 25mm in most parts of the country is expected while less likely for Cagayan Valley region, Quezon and central Visayas during the forecast period.



High probability of rainfall to exceed 50mm in most parts of Cordillera region, central Luzon, northern Mindanao 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: July 30 – August 05, 2020



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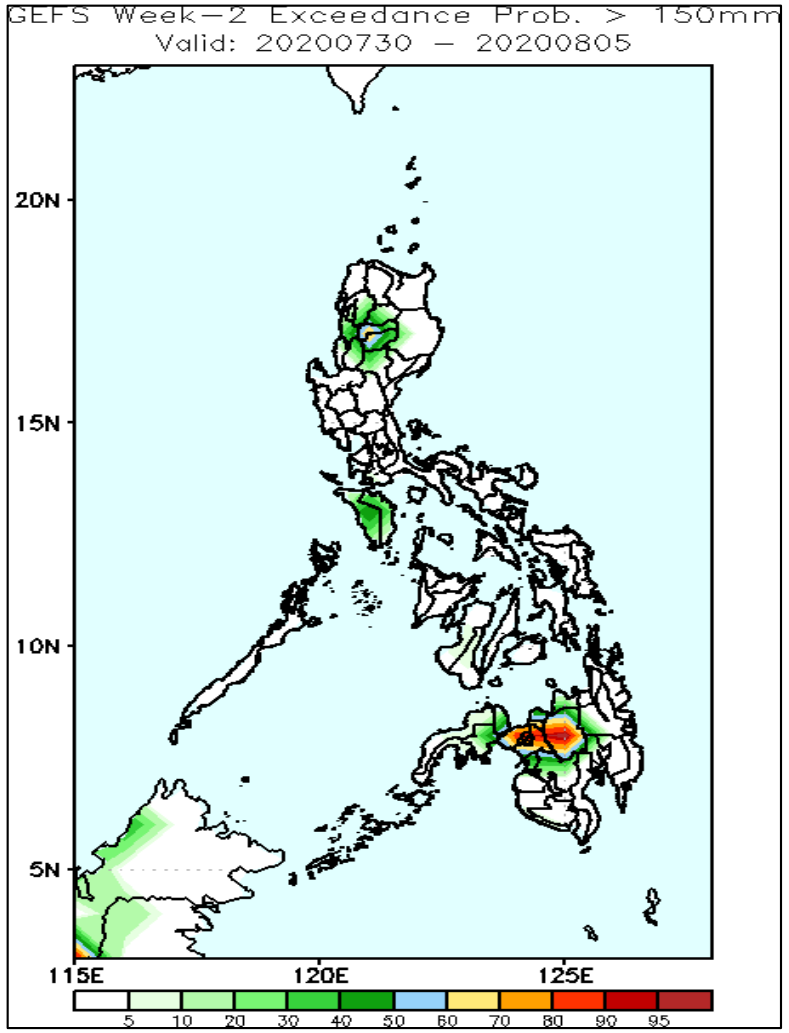
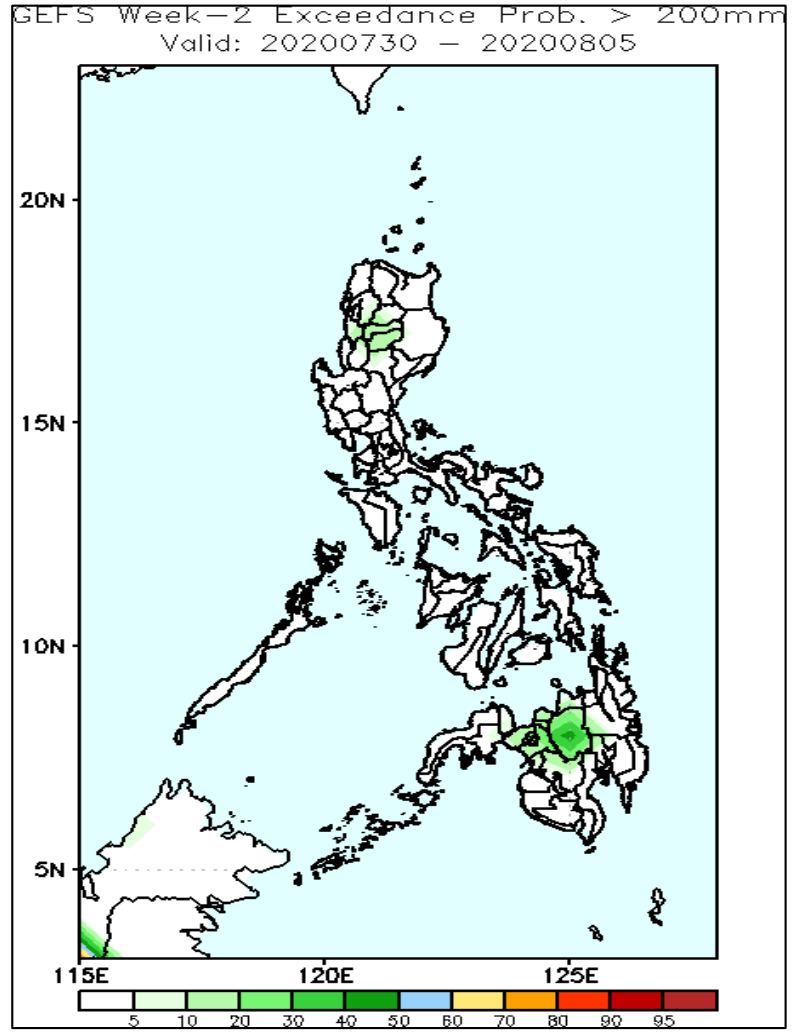
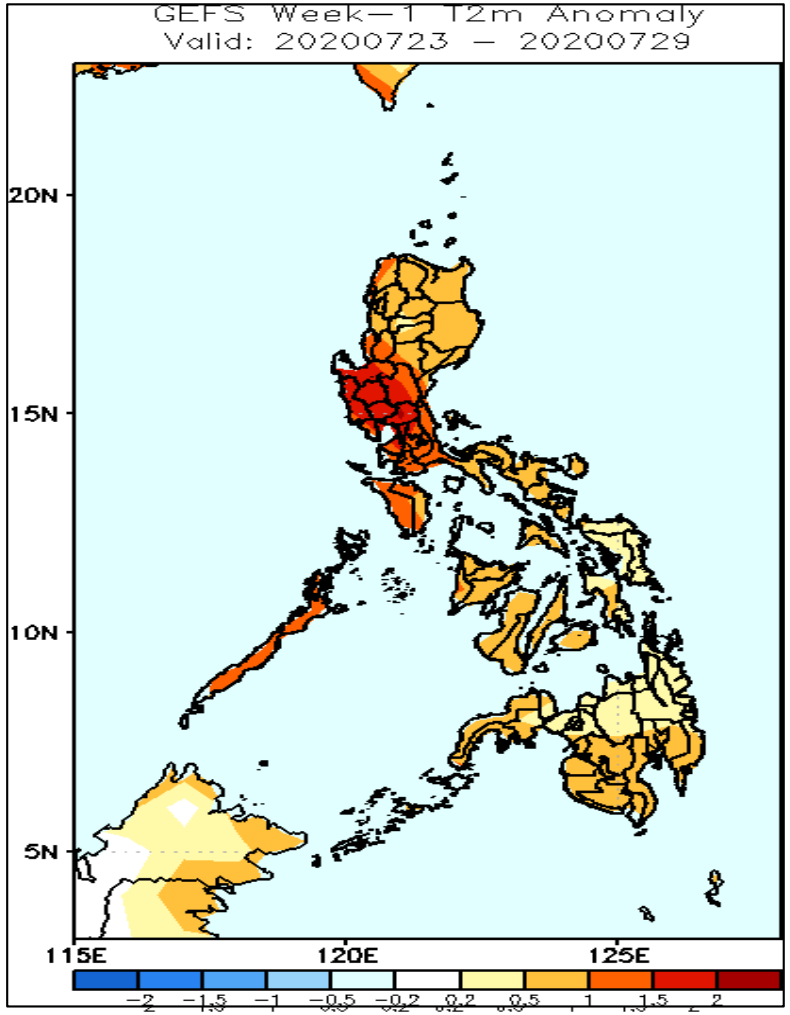


Less probability of rainfall to exceed 150mm in most parts of the country during the forecast period.



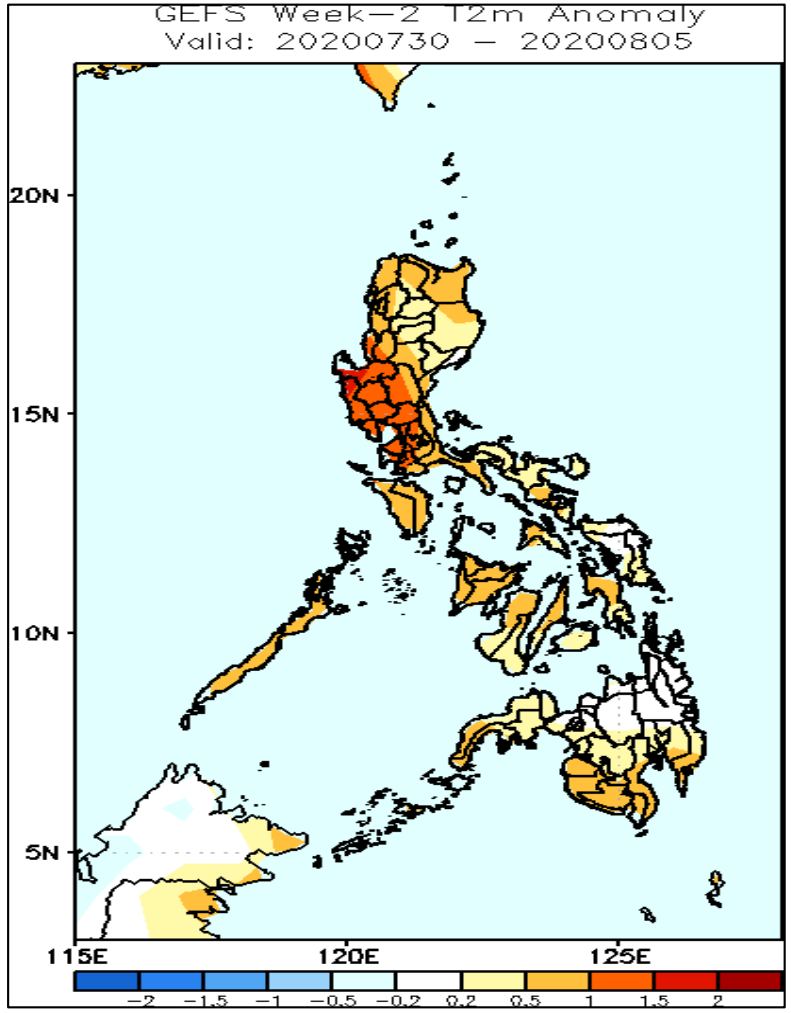
Less probability of rainfall to exceed 200mm in most parts of the country during the forecast period.

GEFS Week-1 & 2 Forecasts: T2m Anomaly



2m Temperature Week 1: July 23-29, 2020

Slightly warmer to warmer than average surface air temperature will likely experience in most parts of the country especially in central Luzon, NCR, CALABARZON, Mindoro and Palawan during the forecast period.



2m Temperature Week 2: July 30- Aug 05, 2020

Slightly warmer to warmer than average surface air temperature will likely experience in most parts of the country especially in central Luzon, NCR, Cavite and Laguna during the forecast period.