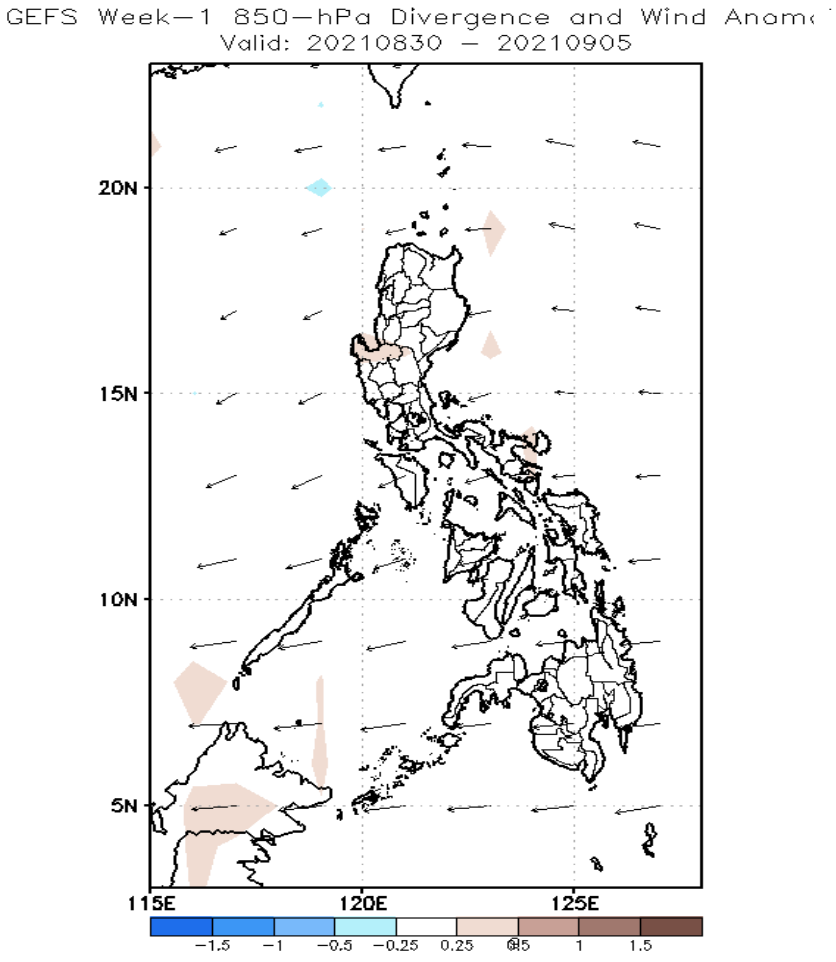
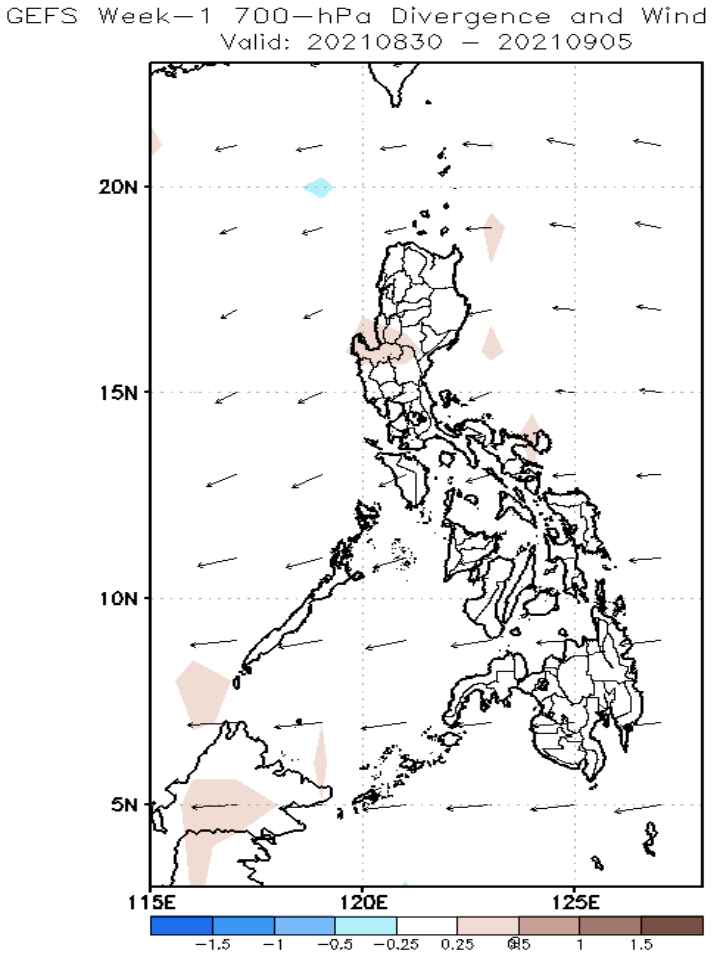
Week 1 & Week 2 Forecast for the Philippines **using GEFS Model**

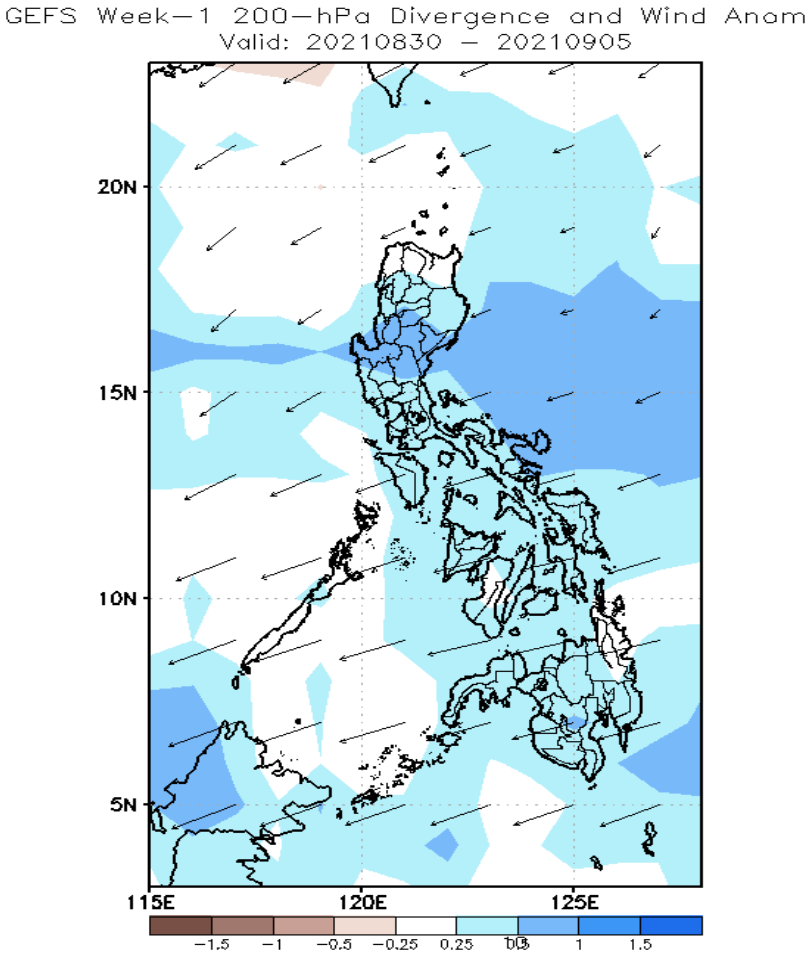
DOST PAGASA
The Weather and Climate Authority

GEFS Week-1 Forecasts: Divergence & Wind Anomaly

Week 1: Aug 30-Sep 05, 2021



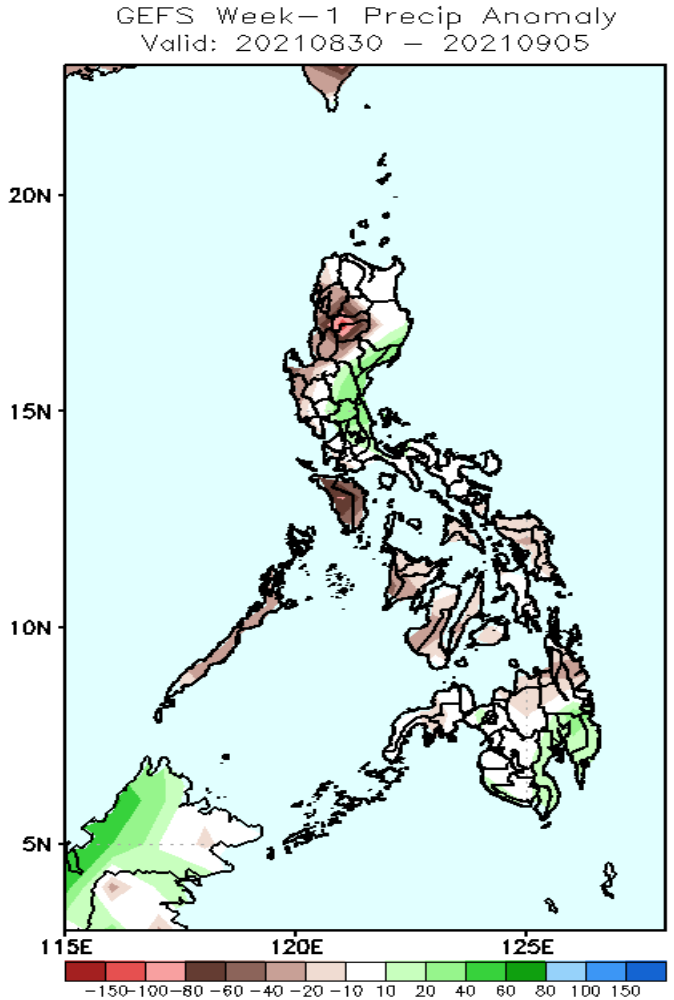




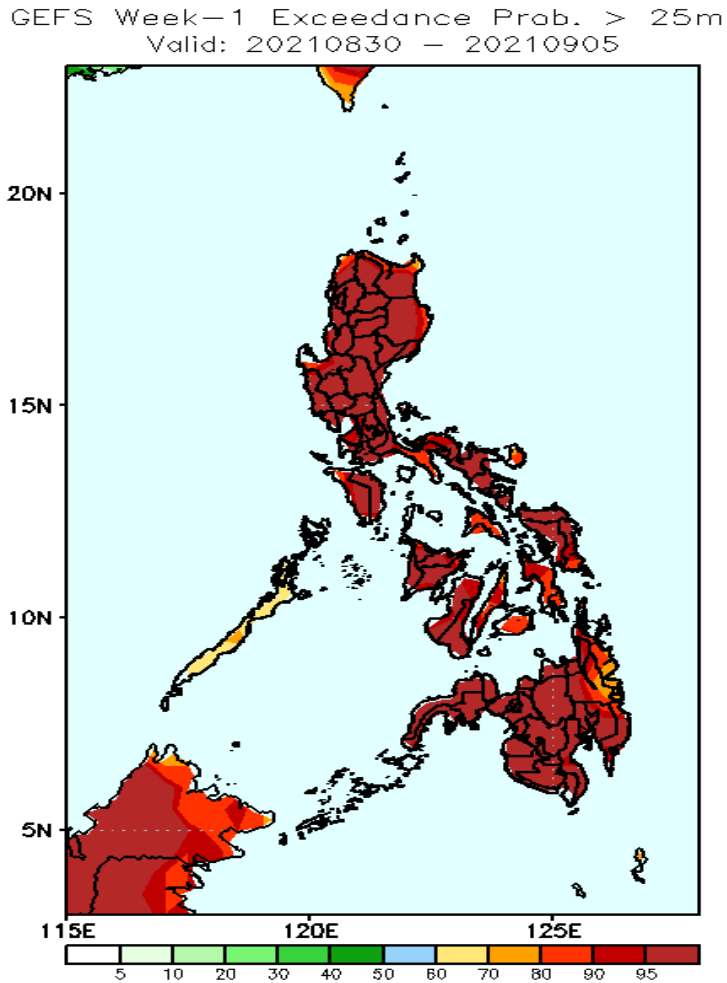
Upper and low level Divergence suggest likelihood of light precipitation in most parts of the country. Easterlies affecting most parts of the country attributing to light o moderate rains due to thunderstorms during the forecast period.

Precipitation Anomaly and Exceedance Probability > 25/50 mm

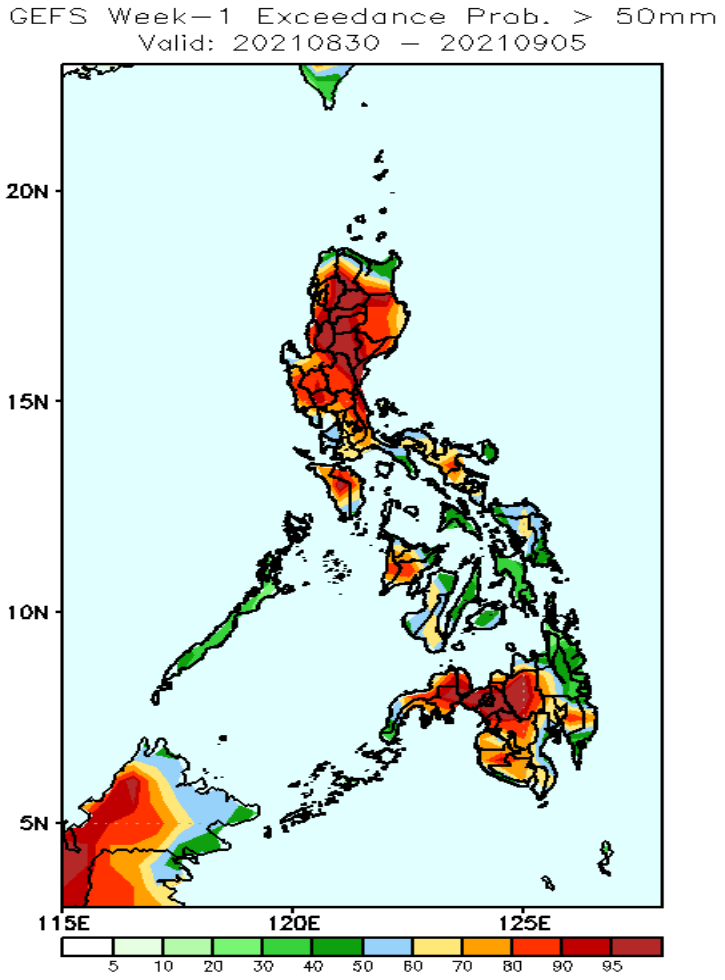
Week 1: Aug 30-Sep 05, 2021



Rainfall deficit of 40-100mm is expected in most parts of the country except in eastern parts of Central Luzon and Davao Region where increase of rainfall of 25-60mm is more likely during the forecast period.



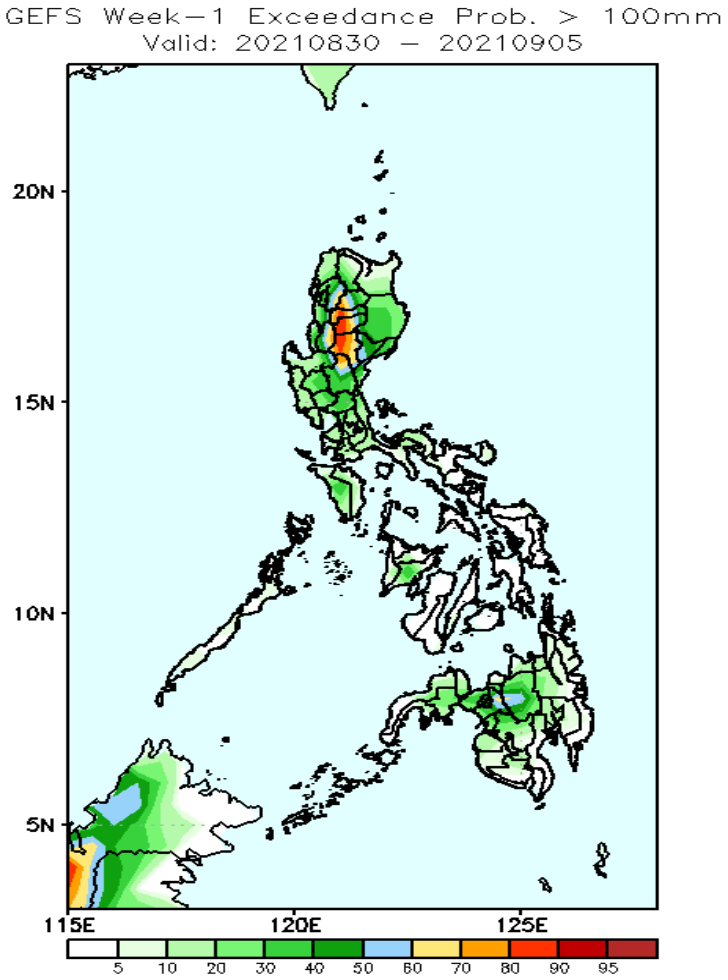
High probability of rainfall to exceed 25mm in most parts of the country is expected during the forecast period.



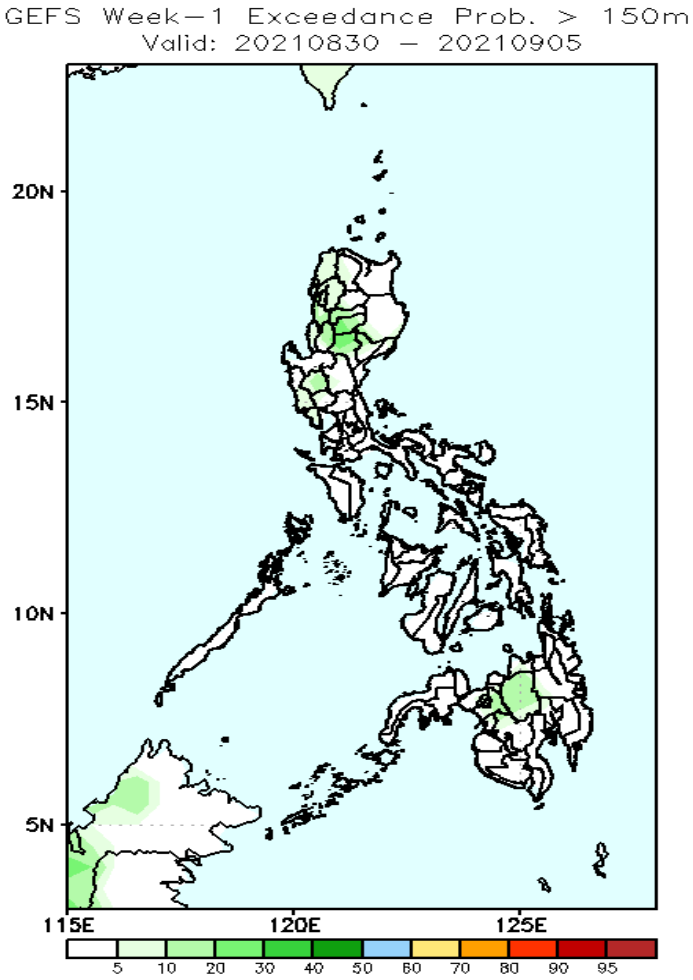
High probability of rainfall to exceed 50mm in most parts of the country except in Central Visayas and CARAGA Region during the forecast period.

Exceedance Probability > 100/150/200 mm

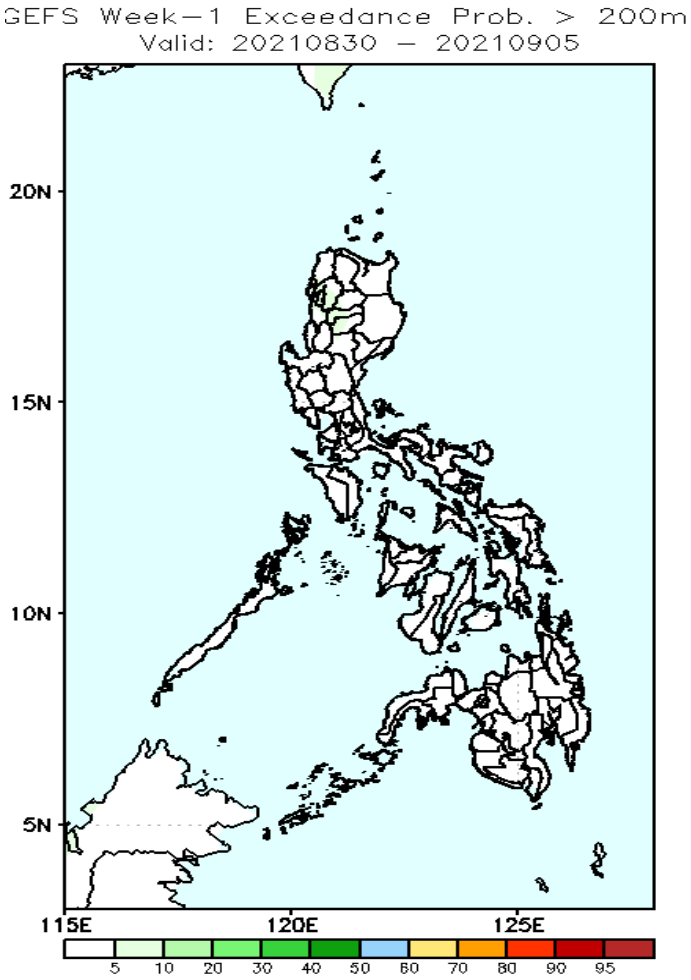
Week 1: Aug 30-Sep 05, 2021



Less probability of rainfall to exceed 100mm in most parts of the country is expected except in some areas in Cordillera Region where there is 60-90% chance during the forecast period.



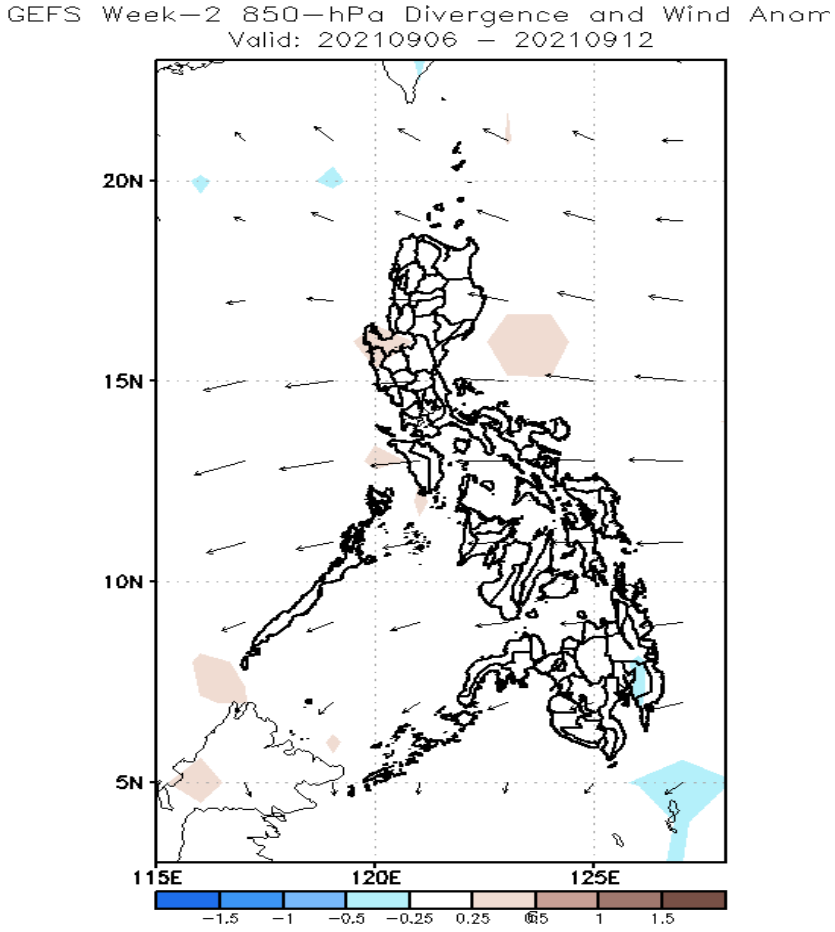
Less probability of rainfall to exceed 150mm in most parts of the country is expected during the forecast period.

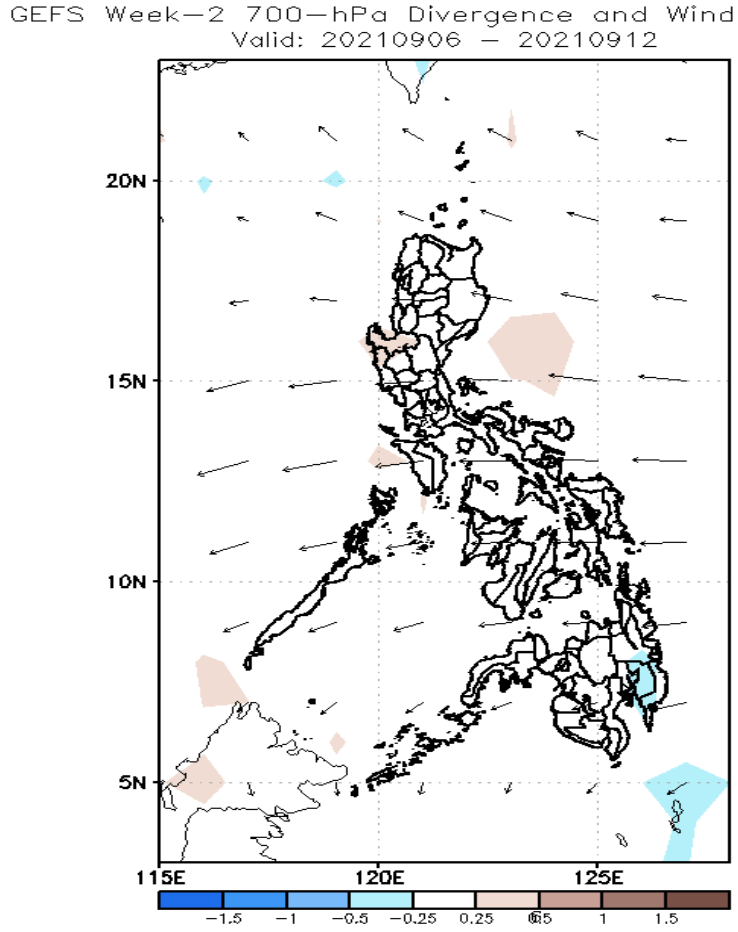


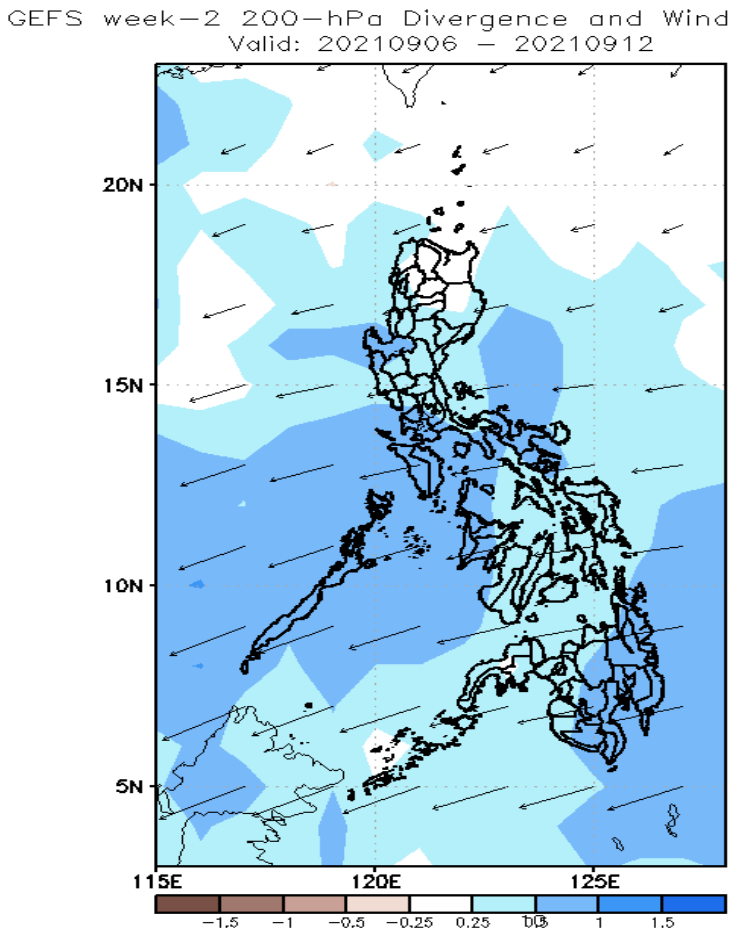
Less probability of rainfall to exceed 200mm in most parts of the country is expected during the forecast period.

GEFS Week-2 Forecasts: Divergence & Wind Anomaly

Week 2: Sep 06-12, 2021



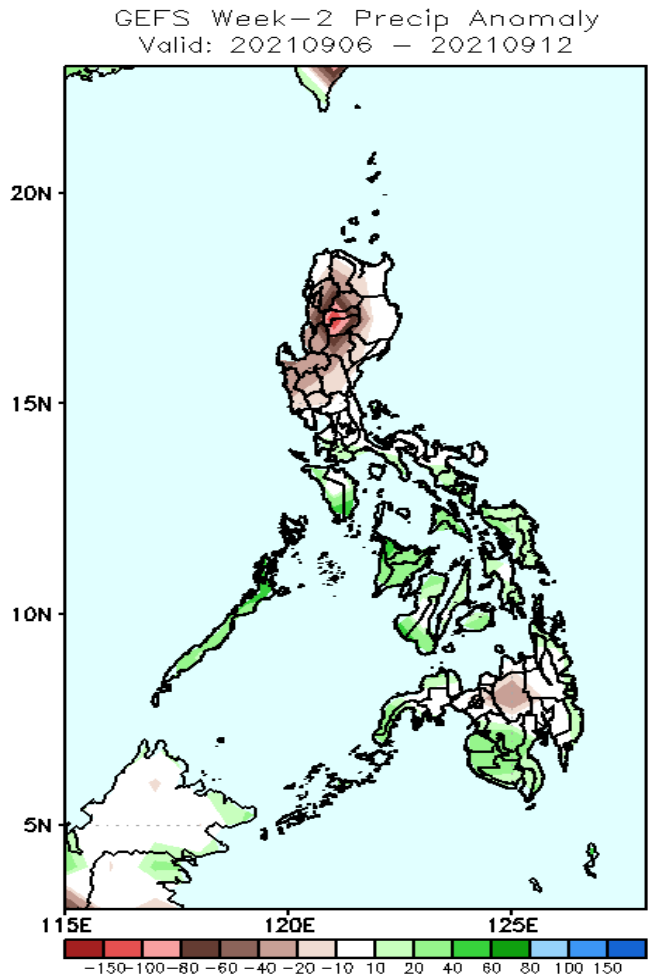




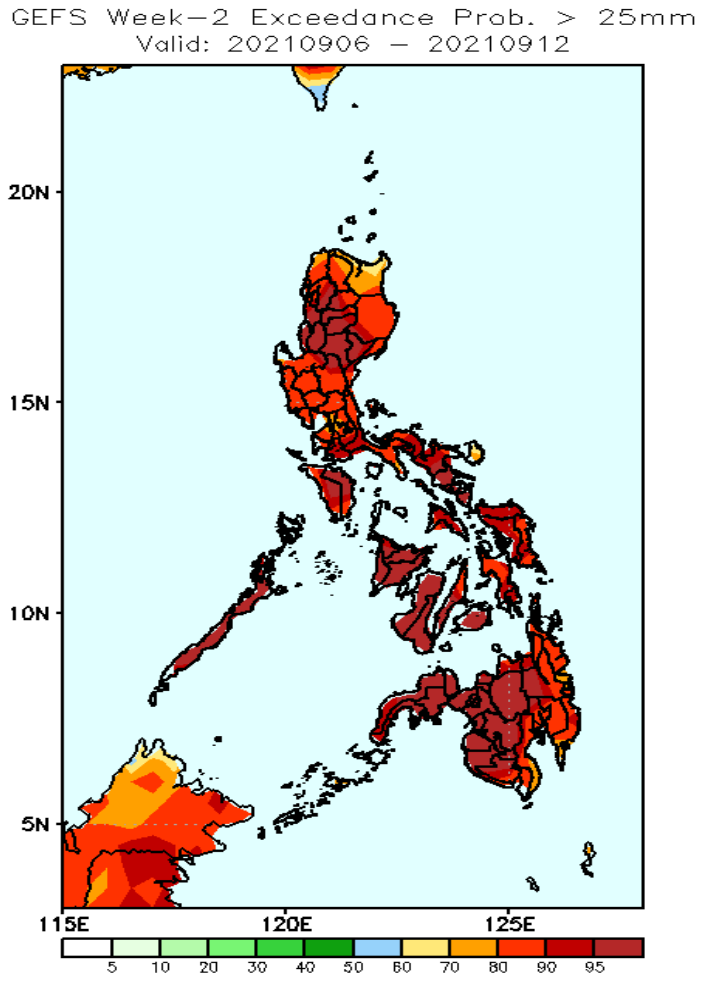
Upper and low level Divergence suggest likelihood of precipitation in most parts of the country. Southwest monsoon affecting the western section of the country while Easterlies affecting he rest of the country attributing to light and moderate rains due to thunderstorms during the forecast period.

Precipitation Anomaly and Exceedance Probability > 25/50 mm

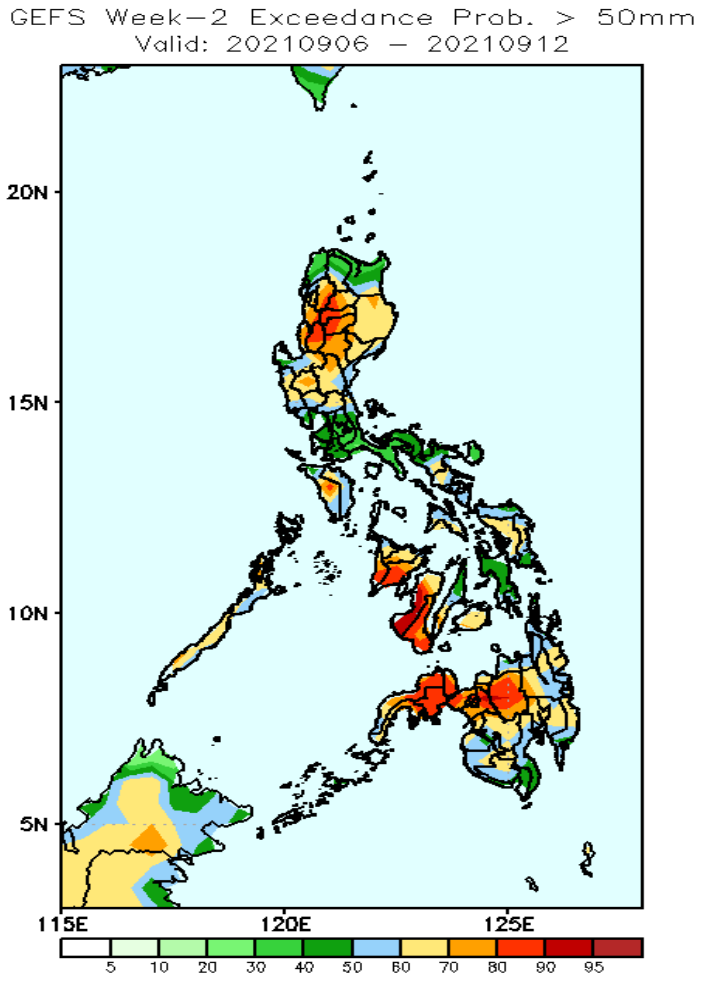
Week 2: Sep 06-12, 2021



Increase of rainfall of 40-70mm is expected in most parts of Mindoro, Palawan, Visayas and western Mindanao while rainfall deficit of 40-100mm rainfall deficit for the rest of Luzon and Bukidnon during the forecast period.



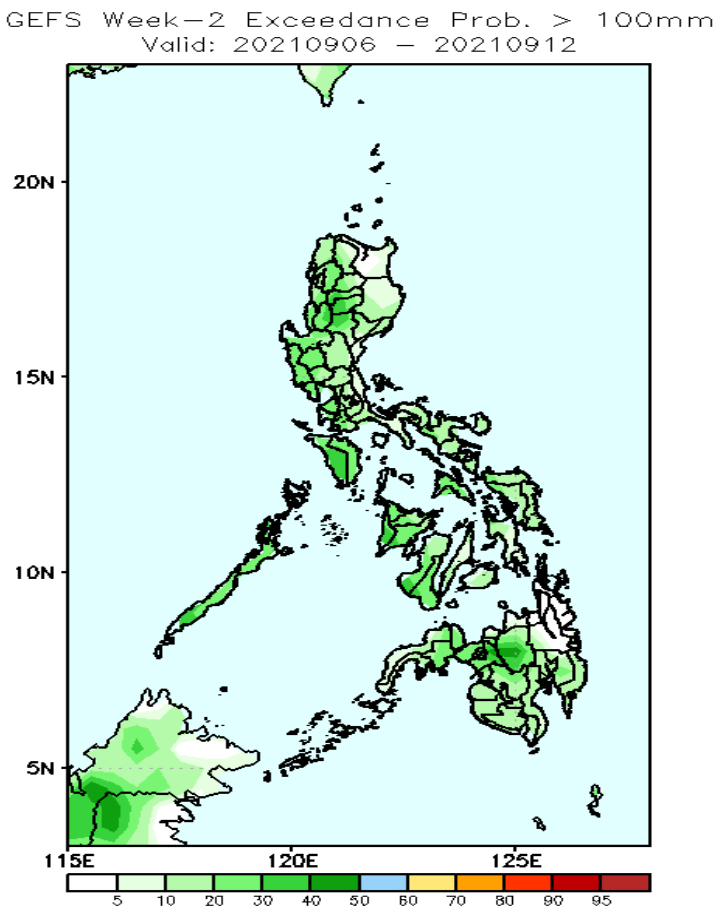
High probability of rainfall to exceed 25mm in most parts of the country is expected during the forecast period



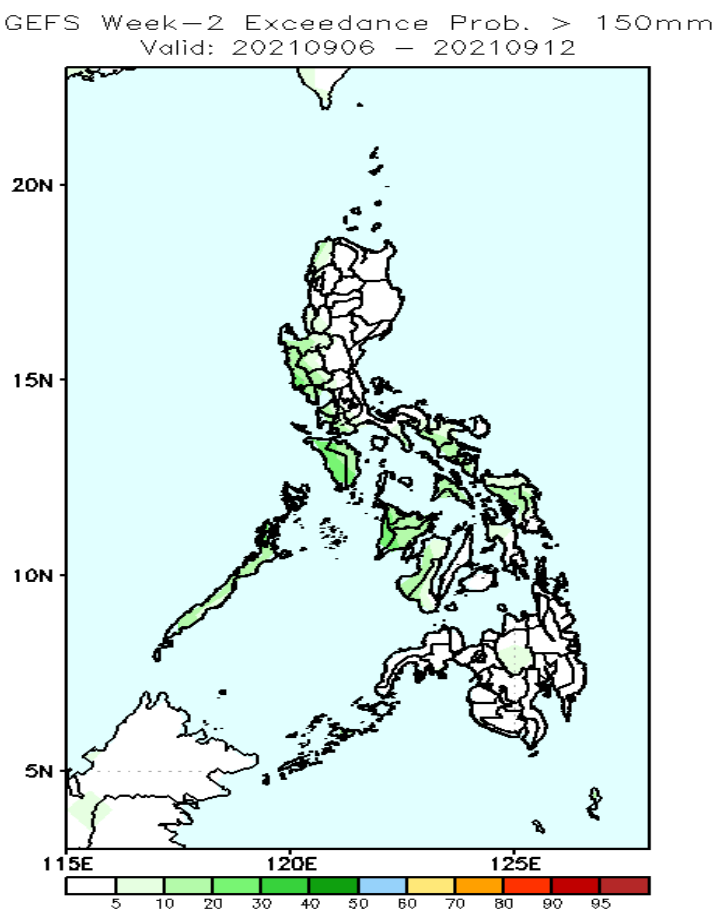
High probability of rainfall to exceed 50mm in most parts of CAR, Region 1 & 2 (except Ilocos Norte, Apayao and Cagayan), Central Luzon, Mindoro, Western Visayas, Bohol and in most parts of Mindanao during the forecast period

Exceedance Probability > 100/150/200 mm

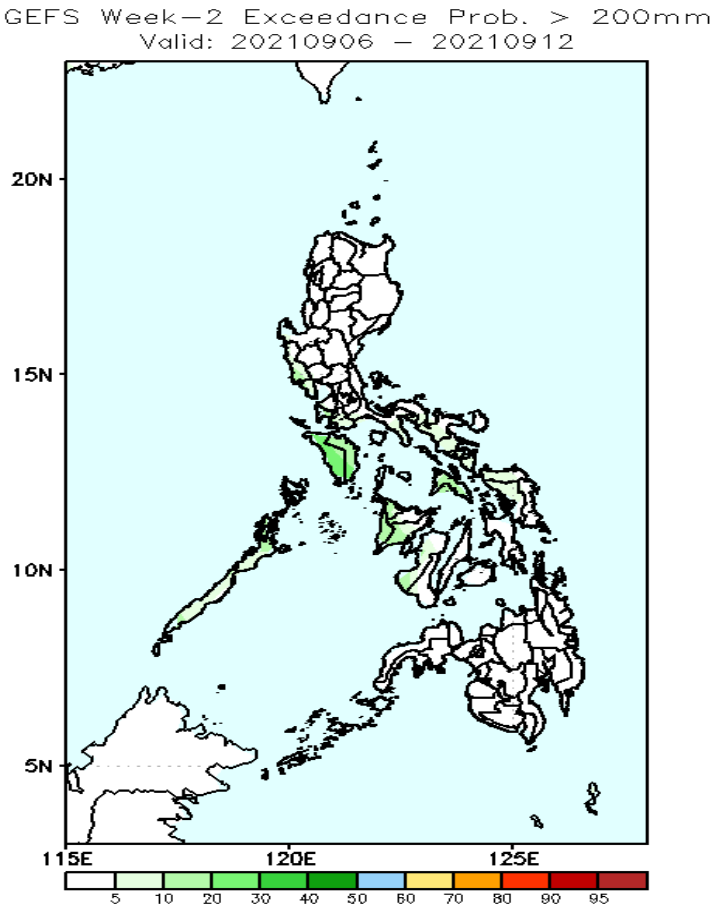
Week 2: Sep 06-12, 2021



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

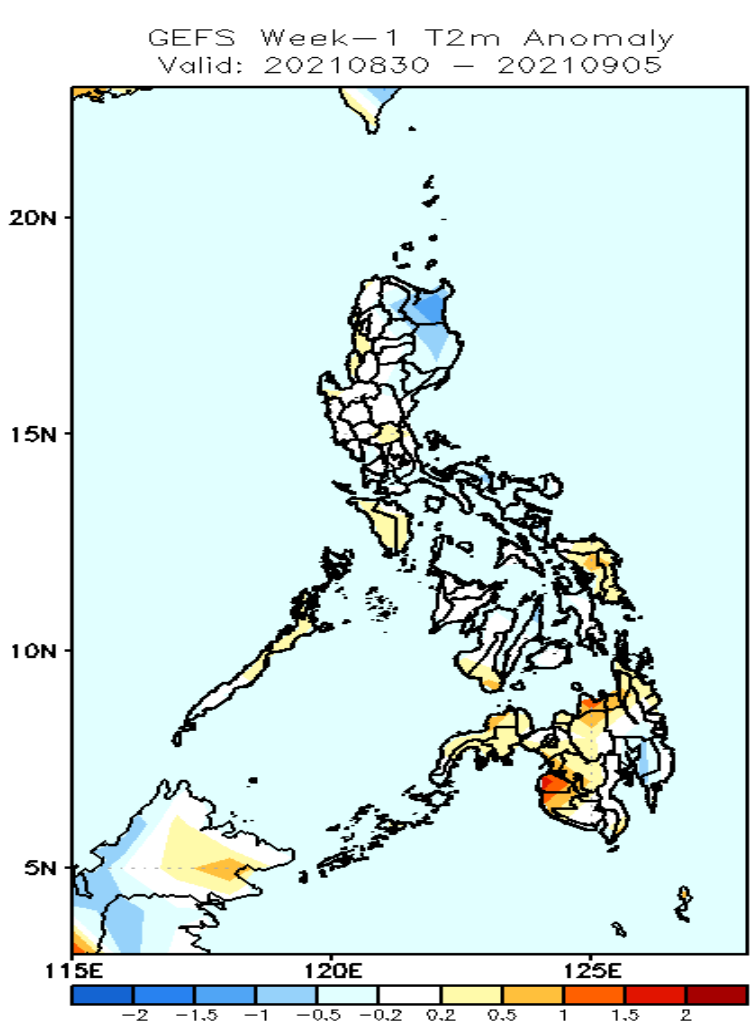


Less probability of rainfall to exceed 150mm in most parts of the country is expected during the forecast period.



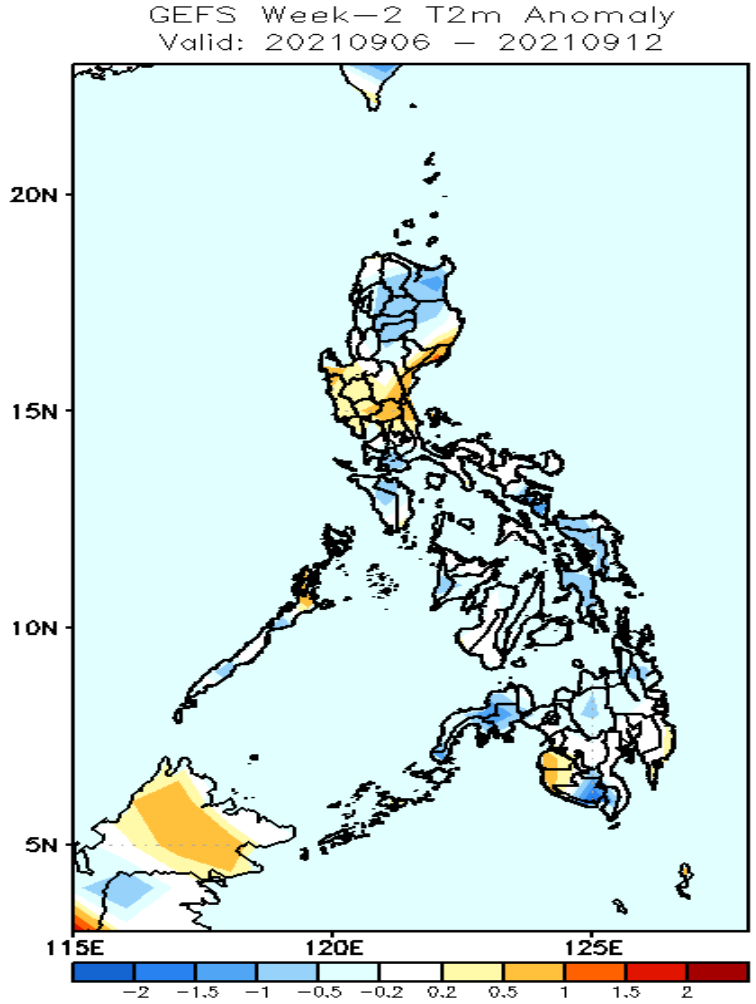
Less probability of rainfall to exceed 200mm in most parts of the country is expected during the forecast period.

GEFS Week-1 & 2 Forecasts: T2m Anomaly



2m Temperature Week 1: Aug 30-Sep 05, 2021

Average to slightly warmer average surface air temperature will likely experience in most parts of the country except in Cagayan where slightly cooler surface temperature is expected during the forecast period.



2m Temperature Week 2: Sep 06-12, 2021

Slightly cooler to cooler than average surface air temperature will likely experience in most parts of the country except in Central Luzon, Maguindanao and Sultan Kudarat where slightly warmer surface temperature is expected during the forecast period.