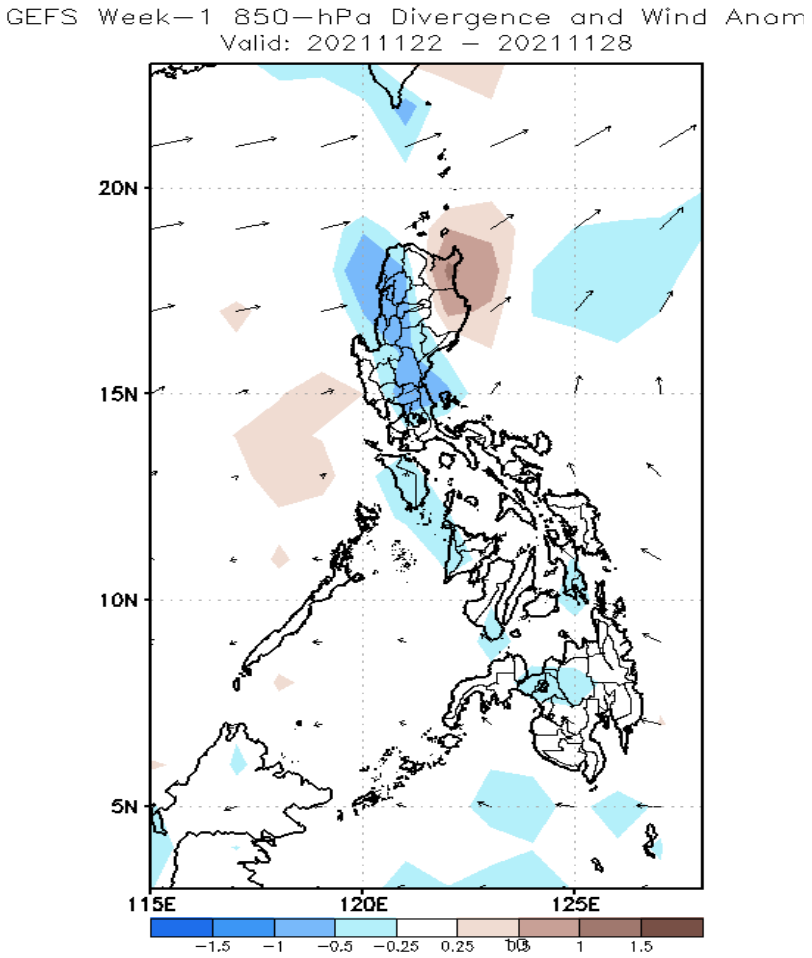
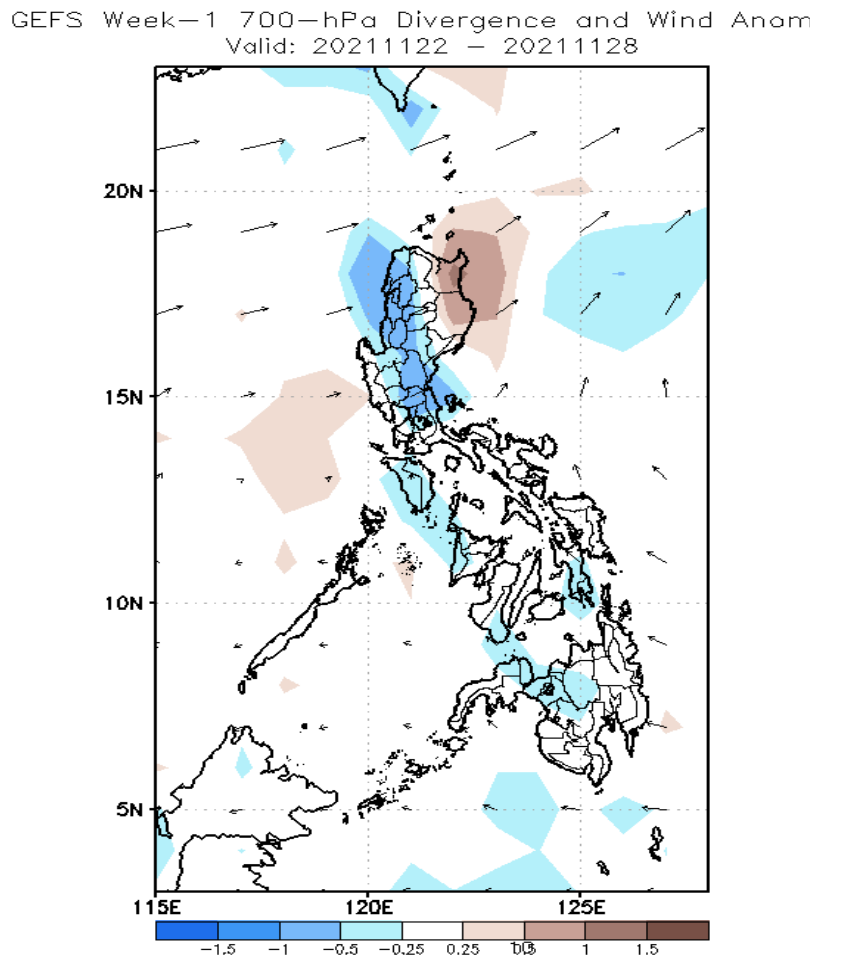
Week 1 & Week 2 Forecast for the Philippines **using GEFS Model**

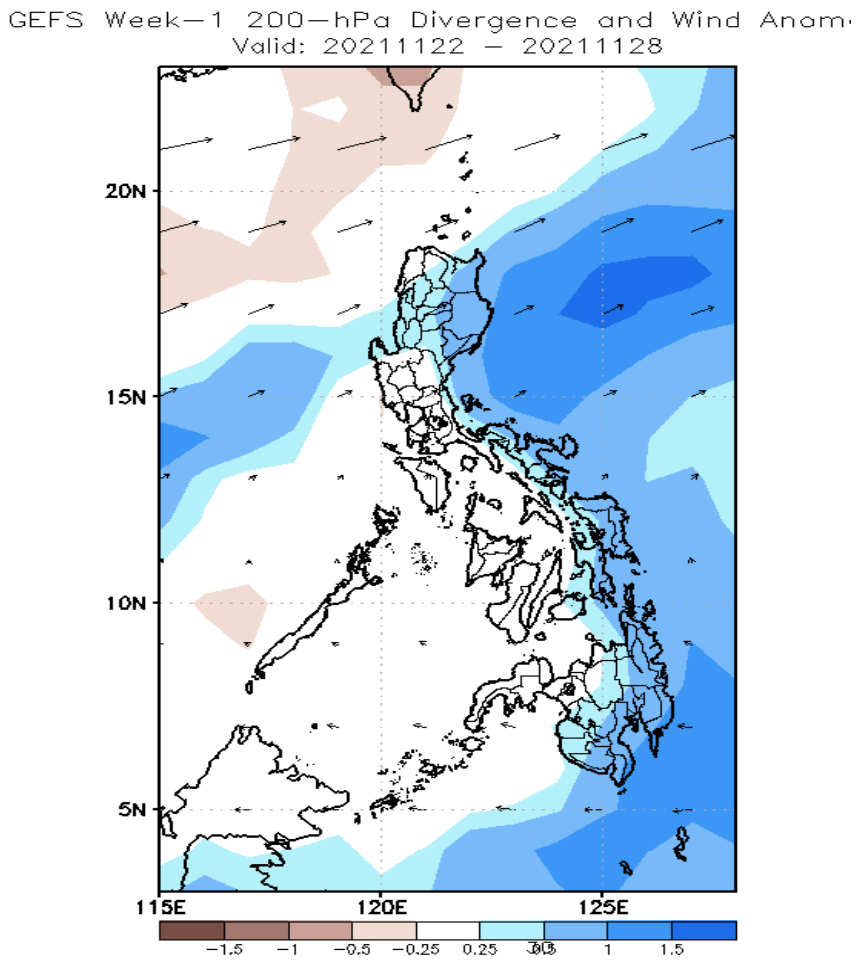
DOST PAGASA
The Weather and Climate Authority

GEFS Week-1 Forecasts: Divergence & Wind Anomaly

Week 1: Nov 22-28, 2021



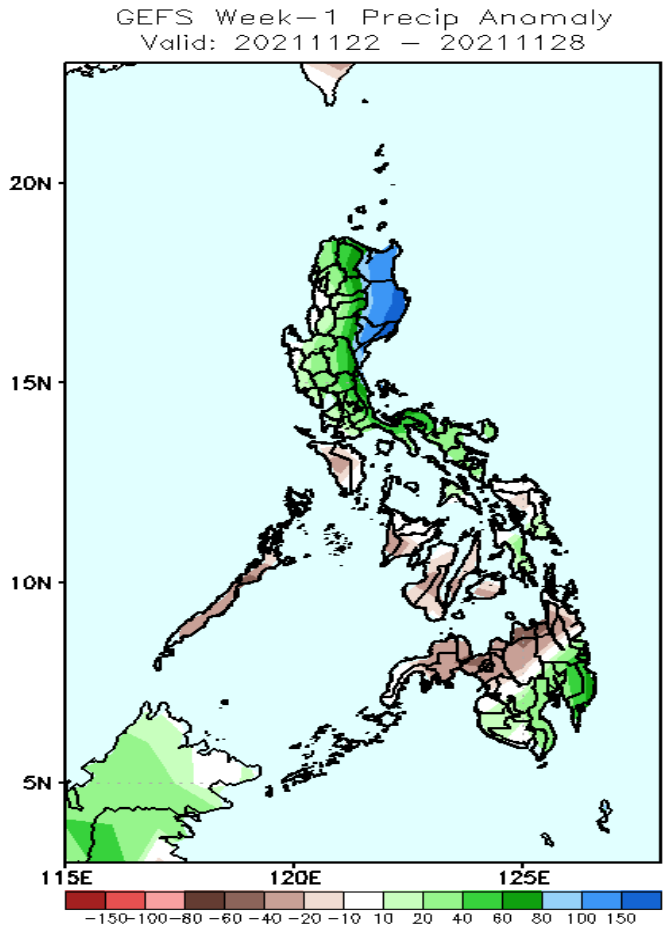




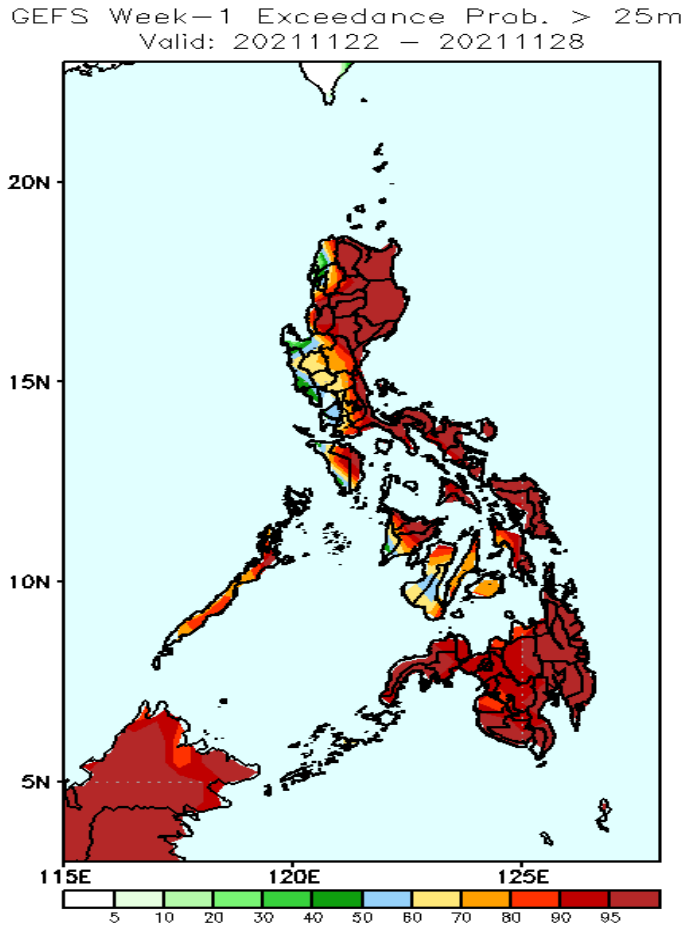
Upper and low level Divergence suggest likelihood of light to moderate precipitation in Northern Luzon and the Eastern section of the country.. Northeast Monsoon affecting Northern-Extreme Northern Luzon while Easterlies affecting the rest of the country during the forecast period.

Precipitation Anomaly and Exceedance Probability > 25/50 mm

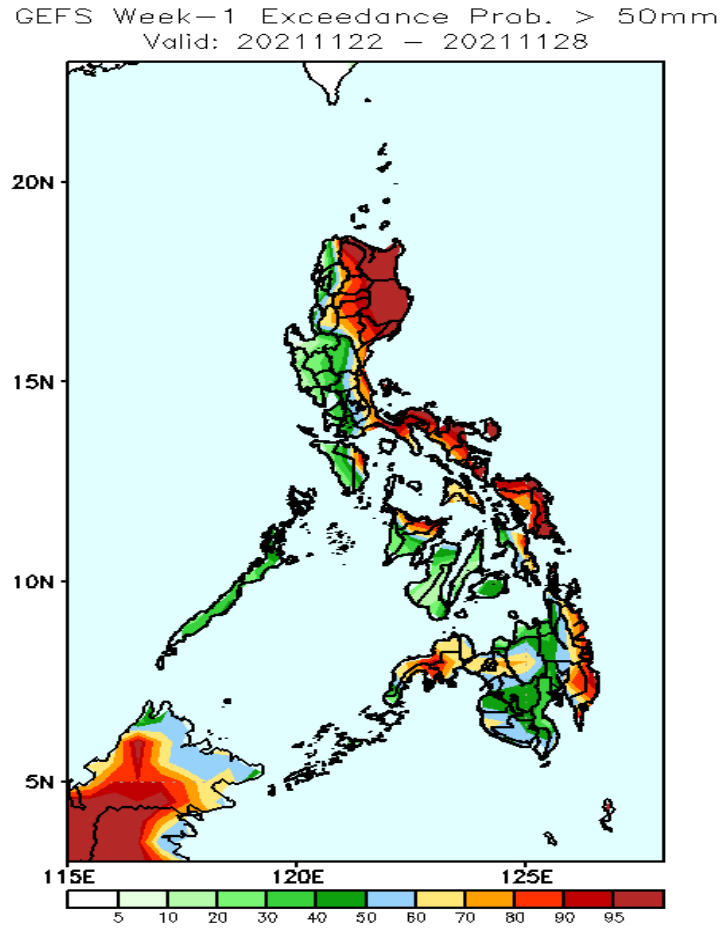
Week 1: Nov 22-28, 2021



Increase of rainfall of more than 150mm in Cagayan, Isabela, Quirino and northern part of Aurora, 20-60mm increase for the rest of Luzon and southern Mindanao while rainfall deficit of 20-50mm for the rest of the country during the forecast period.



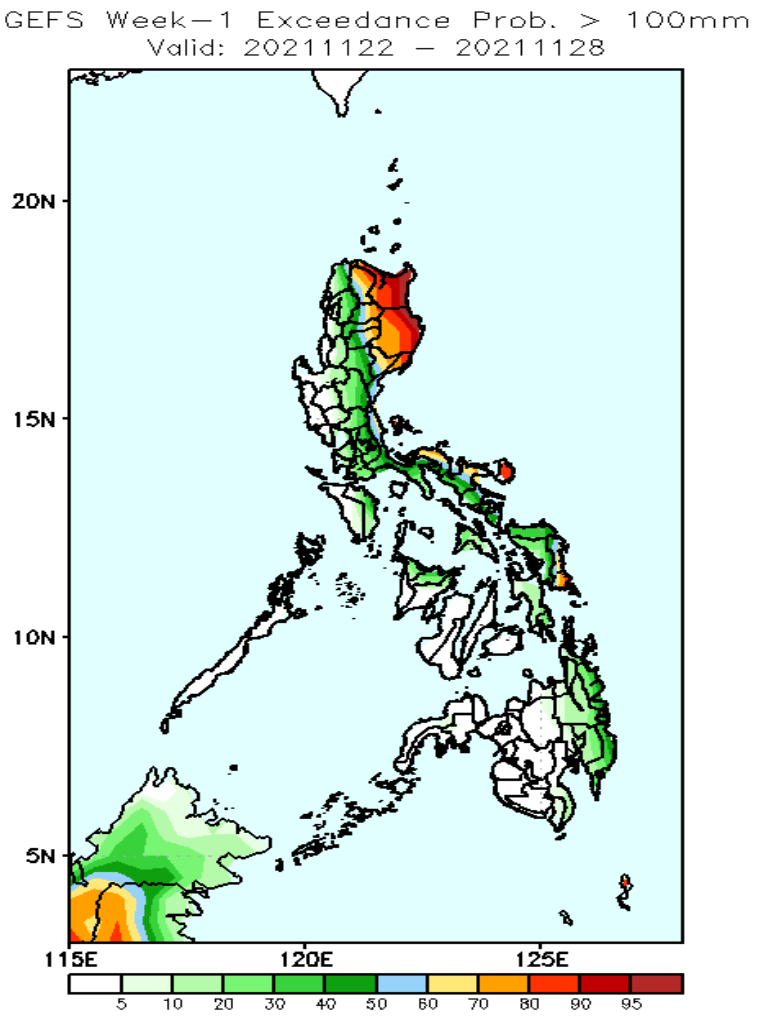
High probability of rainfall to exceed 25mm in most parts of the country during the forecast period.



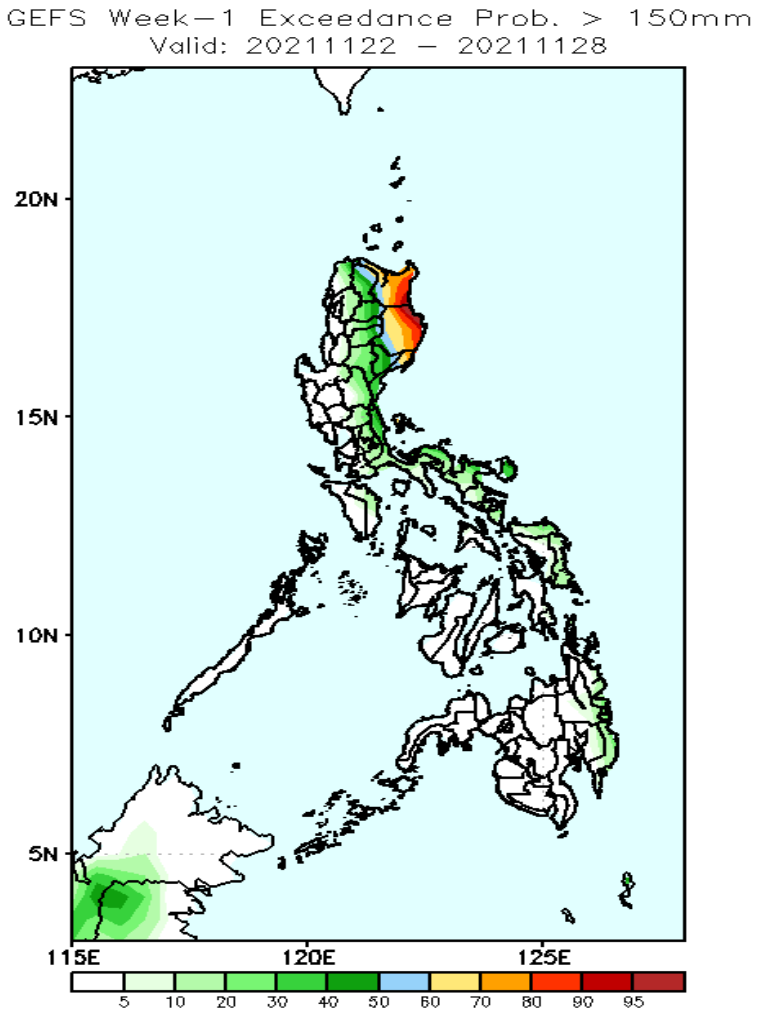
High probability of rainfall to exceed 50mm in the eastern parts of the country (including Cagayan valley) and provinces of Oriental Mindoro, Aklan, Capiz and Zamboanga Peninsula during the forecast period.

Exceedance Probability > 100/150/200 mm

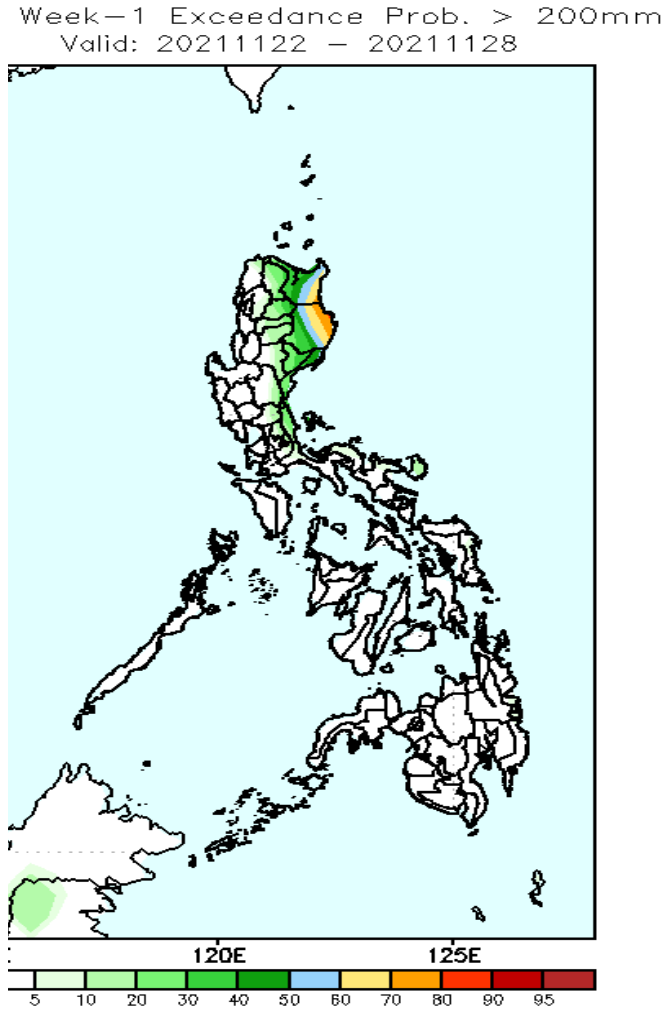
Week 1: Nov 22-28, 2021



High probability of rainfall to exceed 100mm in the provinces of Apayao, Cagayan, Isabela, Quirino, northern Aurora and Catanduanes while less likely for the rest of the country during the forecast period.



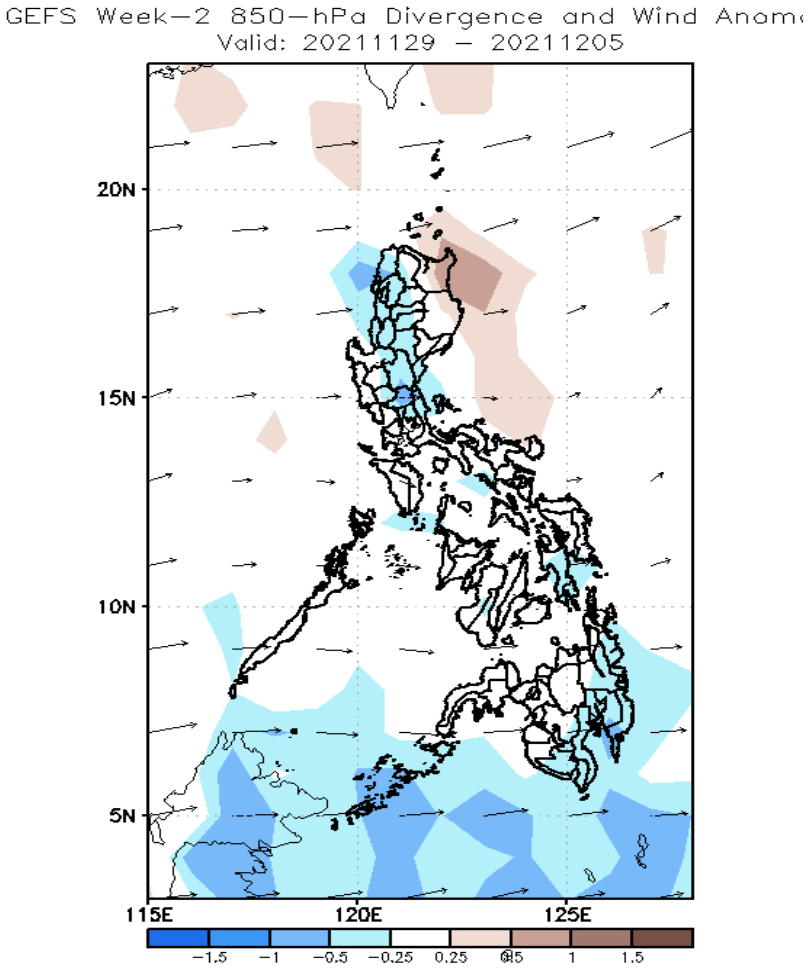
High probability of rainfall to exceed 150mm in Cagayan & Isabela while less likely for the rest of the country during the forecast period.

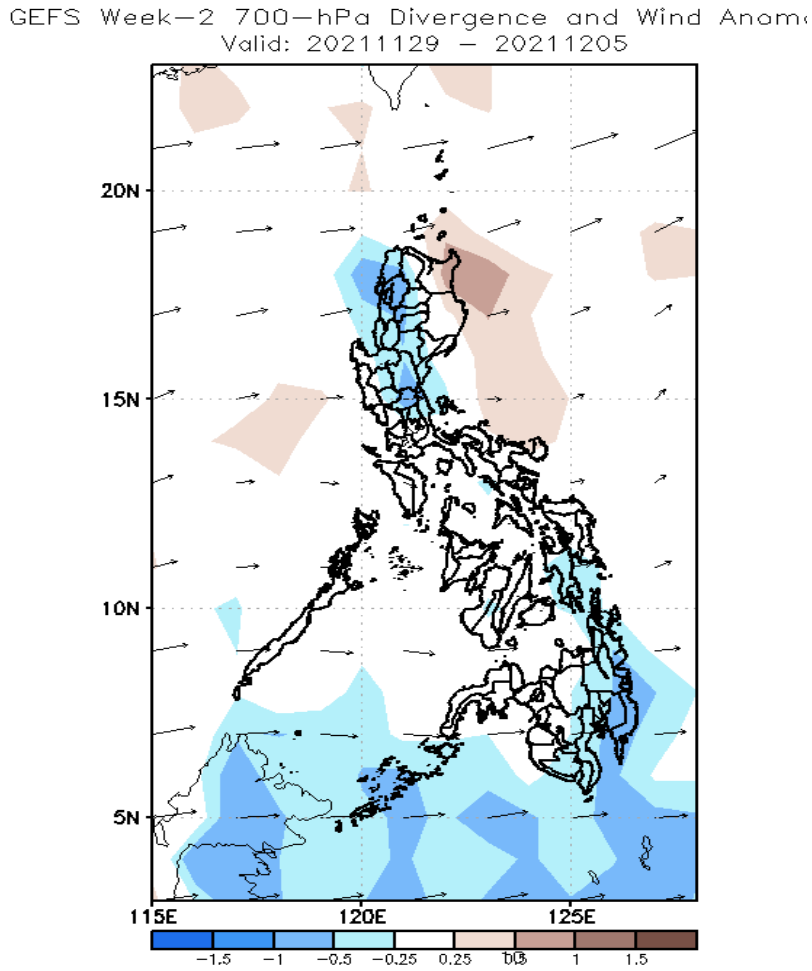


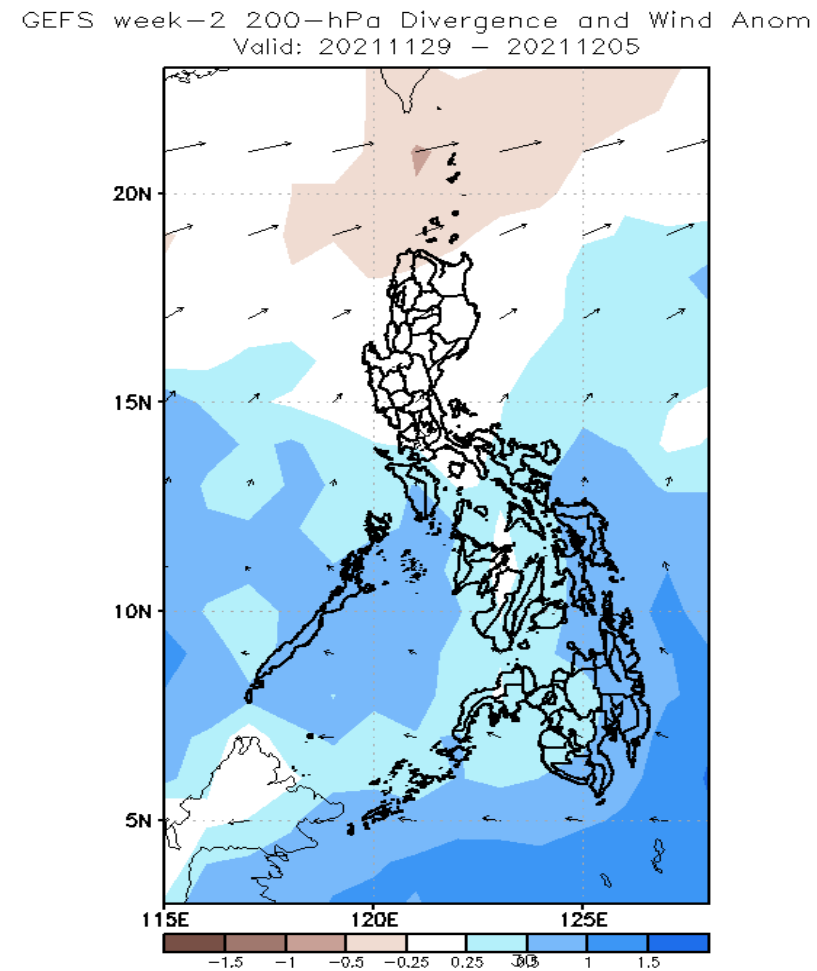
50-85% probability of rainfall to exceed 200mm in Cagayan & Isabela while less likely for the rest of the country during the forecast period.

GEFS Week-2 Forecasts: Divergence & Wind Anomaly

Week 2: Nov 29-Dec 05, 2021







Upper and low level Divergence suggest likelihood of light to moderate precipitation in Southern Luzon and most parts of Visayas and Mindanao. Northeast Monsoon affecting eastern sections of Luzon while Easterlies affecting the rest of the country during the forecast period.

Precipitation Anomaly and Exceedance Probability > 25/50 mm

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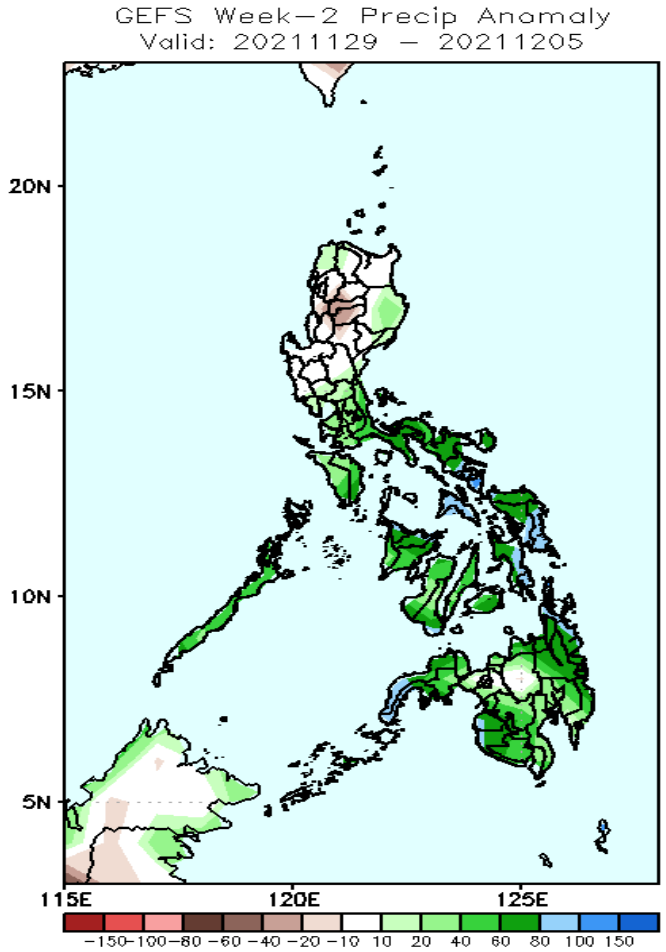
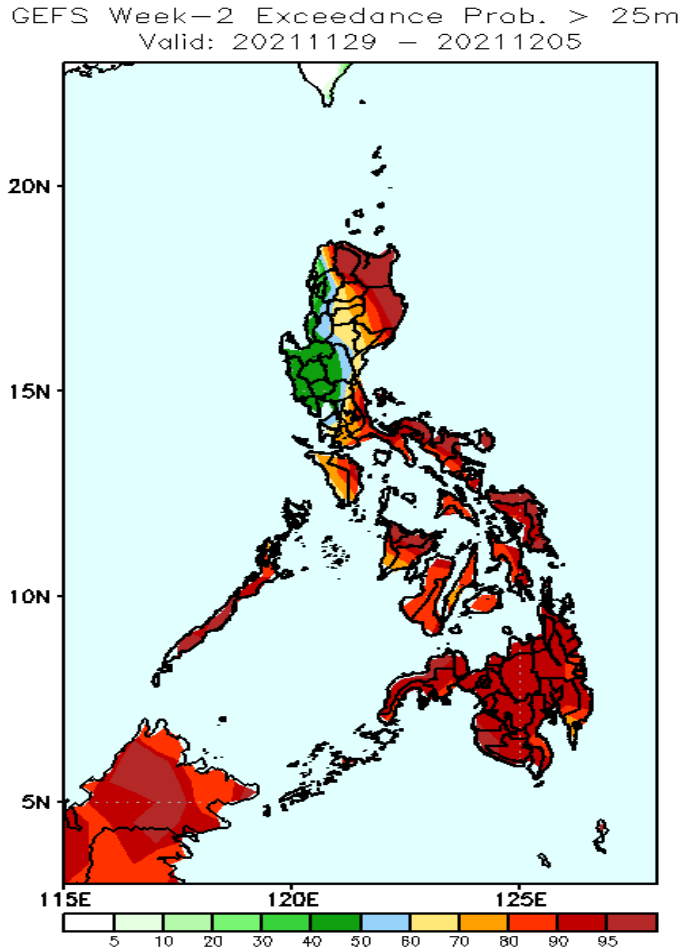
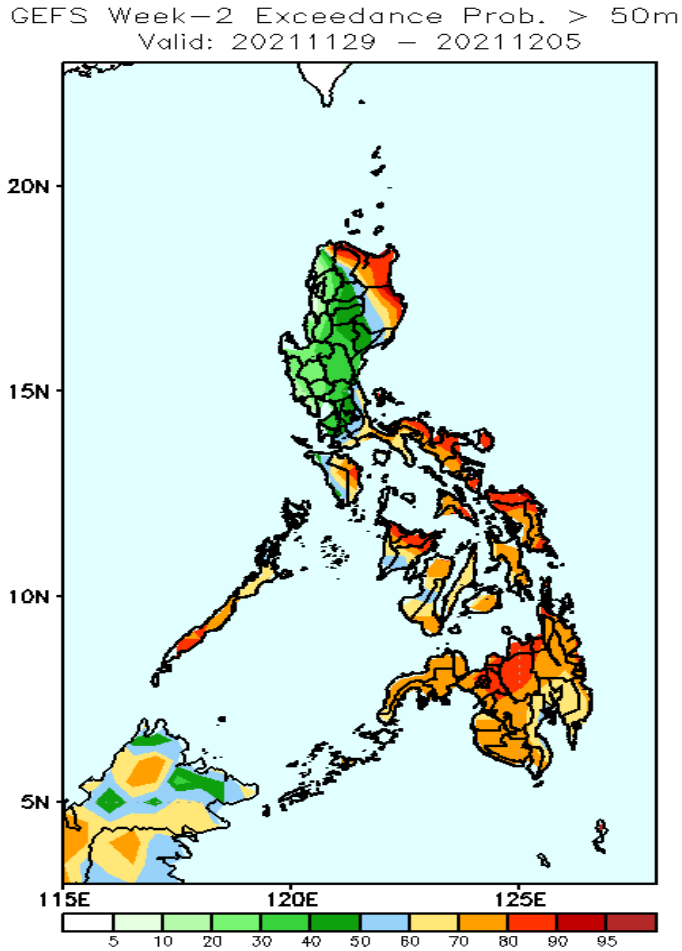


Increase of rainfall of 40-100mm in most parts of southern Luzon and in most parts of Visayas and Mindanao during the forecast period.



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



High probability of rainfall to exceed 50mm in Apayao, Cagayan, Isabela most of Southern Luzon and most parts of Visayas and Mindanao while less likely for the rest of Luzon during the forecast period.

Exceedance Probability > 100/150/200 mm

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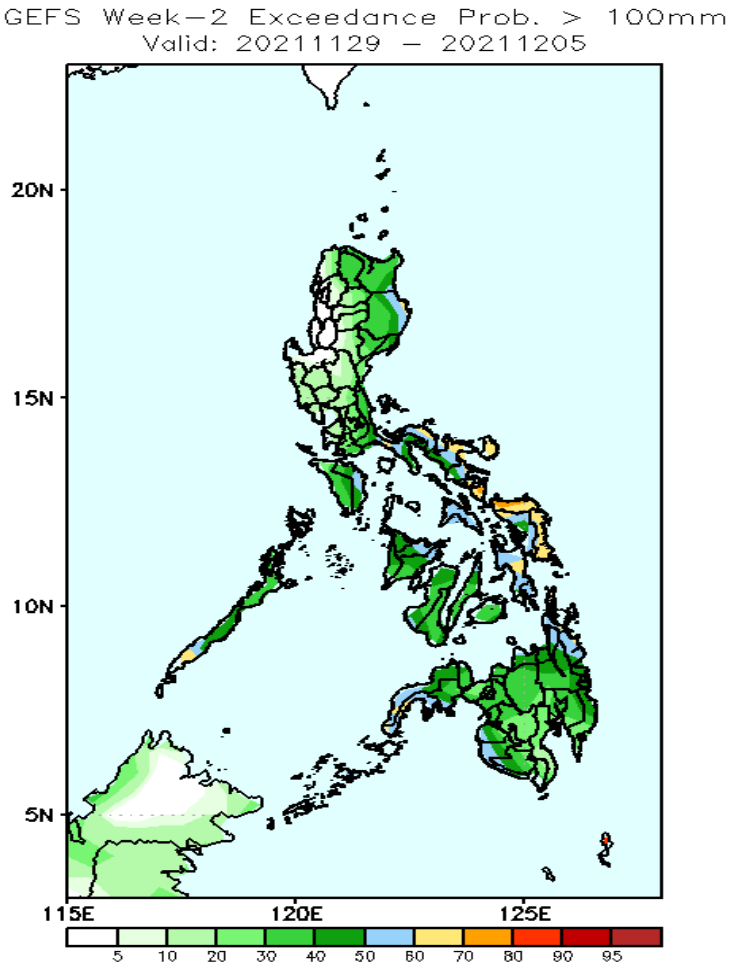
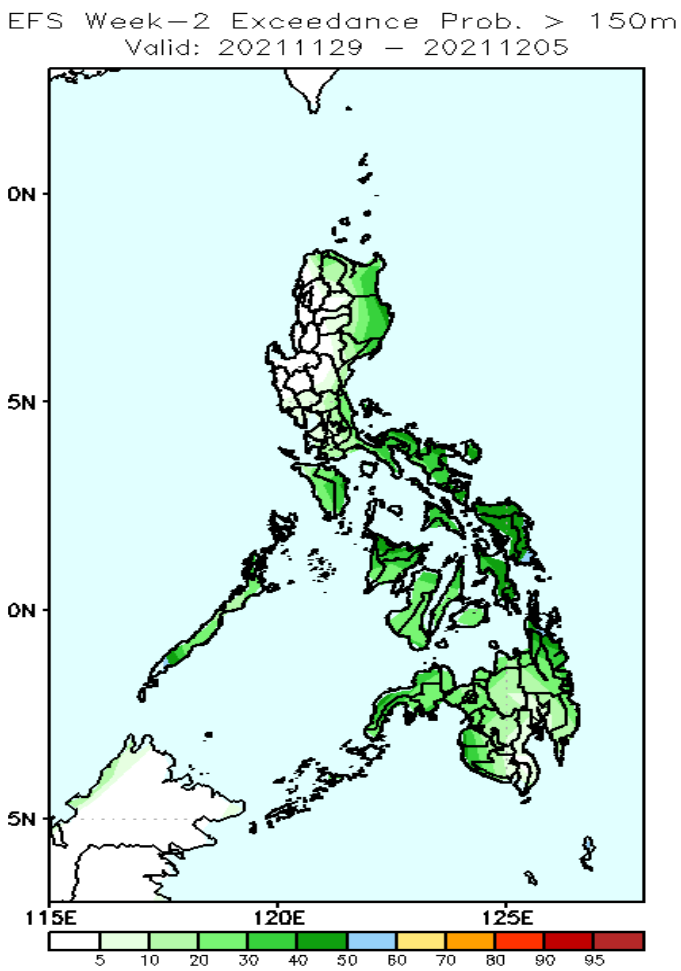
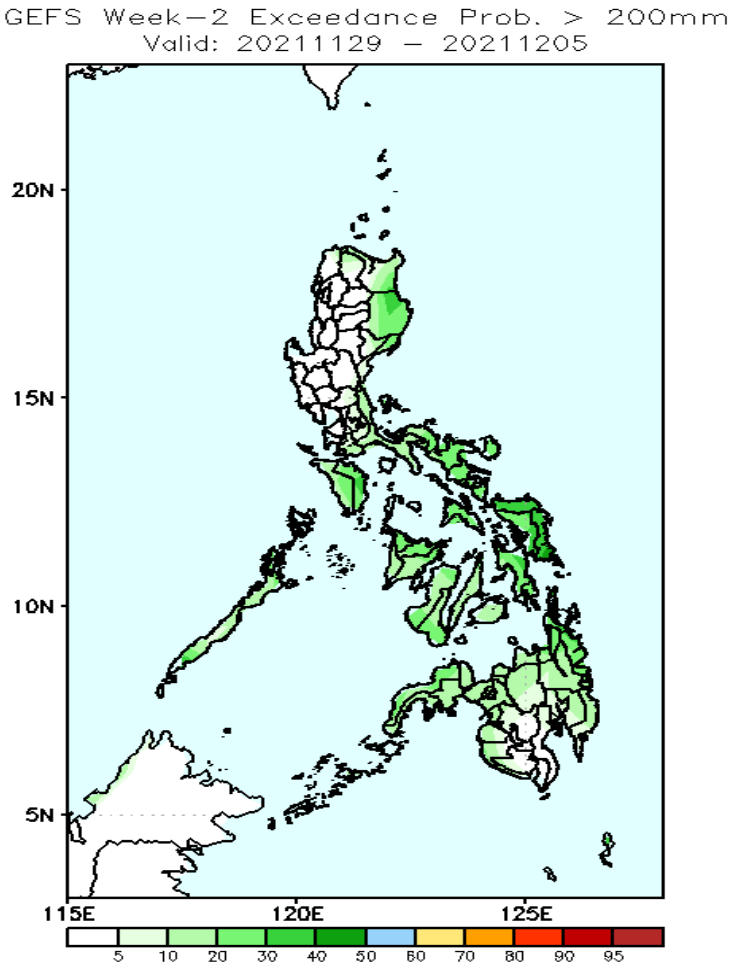


Low probability of rainfall to exceed 100mm in most parts of the countries except for some portions in Bicol Region and Eastern Visayas during the forecast period

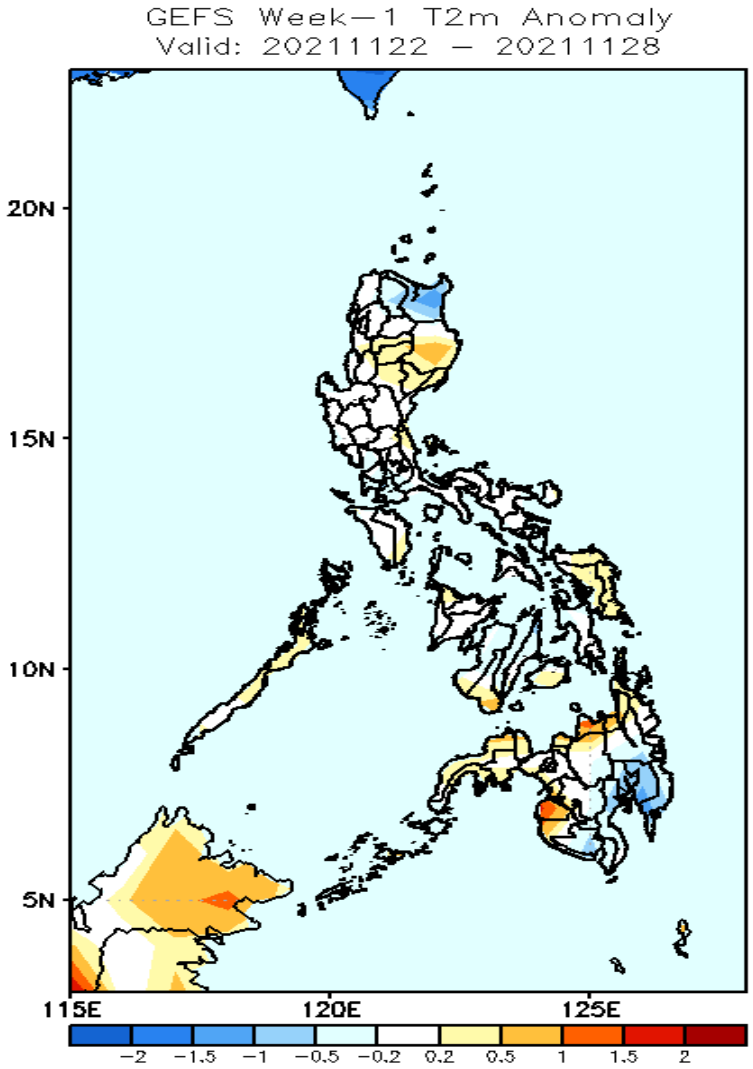


Less probability of rainfall to exceed 150mm in most parts of the country is expected during the forecast period.



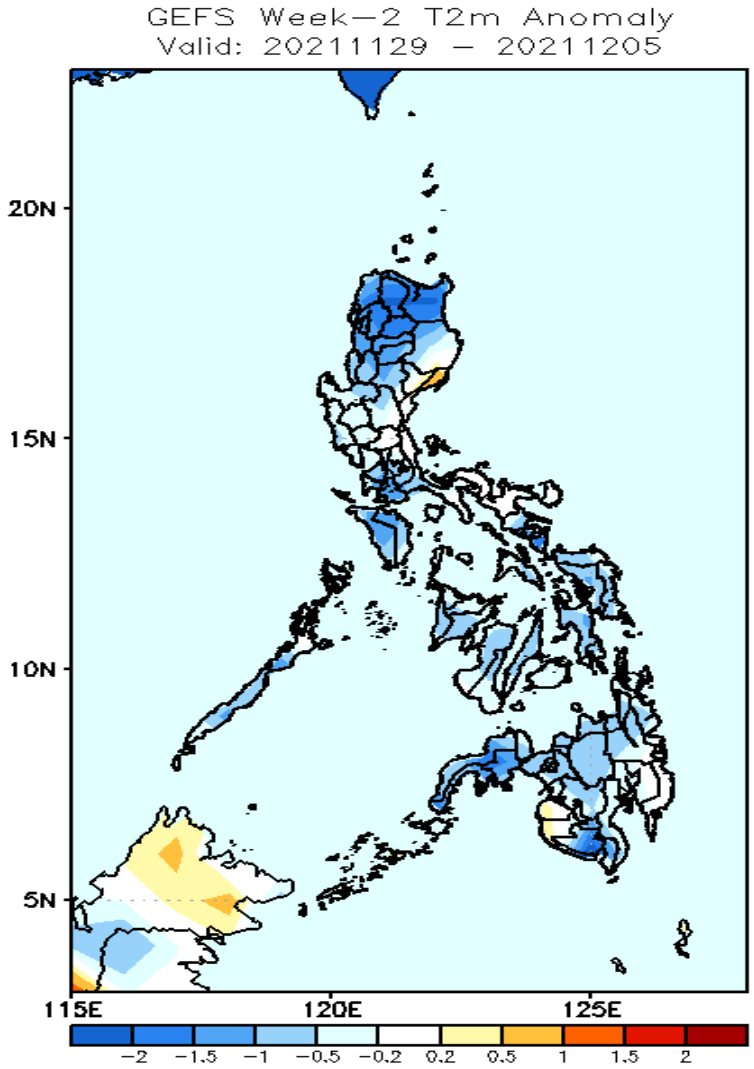
Less probability of rainfall to exceed 200mm in most parts of the country is expected during the forecast period.

GEFS Week-1 & 2 Forecasts: T2m Anomaly



2m Temperature Week 1: Nov 22-28, 2021

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



2m Temperature Week 2: Nov 29-Dec 05, 2021

Slightly cooler to cooler than average surface air temperature will likely experience in most parts of the country during the forecast period.