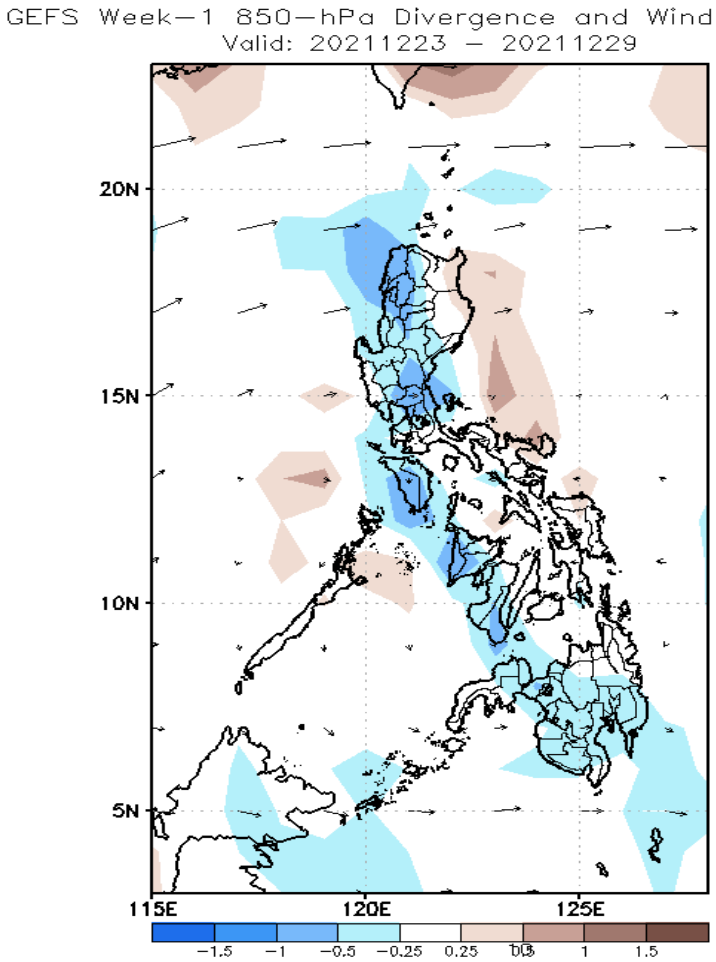
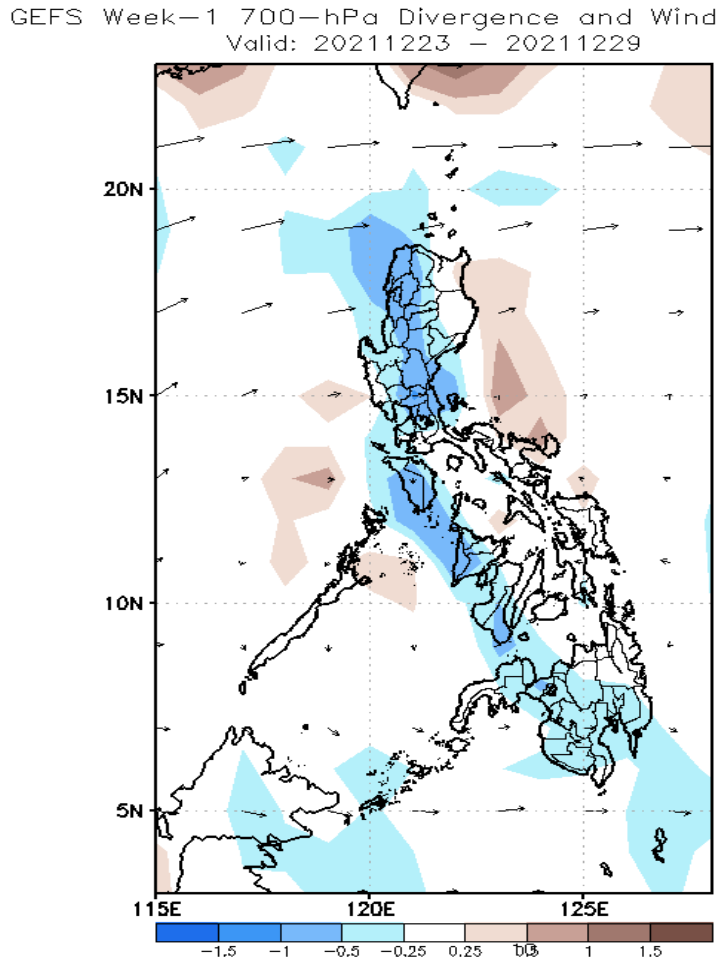
Week 1 & Week 2 Forecast for the Philippines **using GEFS Model**

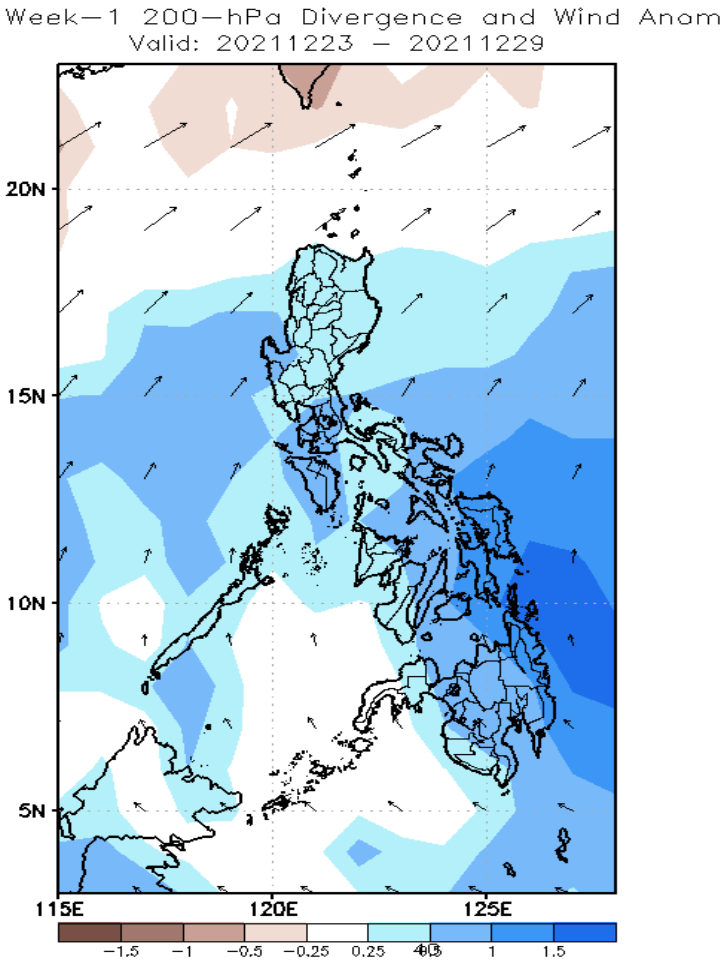
DOST PAGASA
The Weather and Climate Authority

GEFS Week-1 Forecasts: Divergence & Wind Anomaly

Week 1: Dec 23-29, 2021



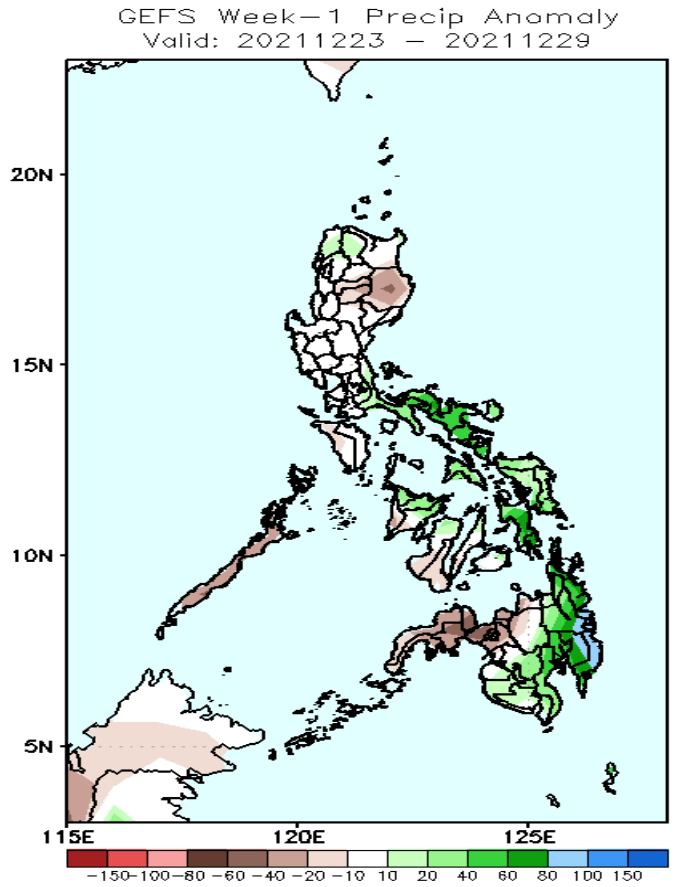




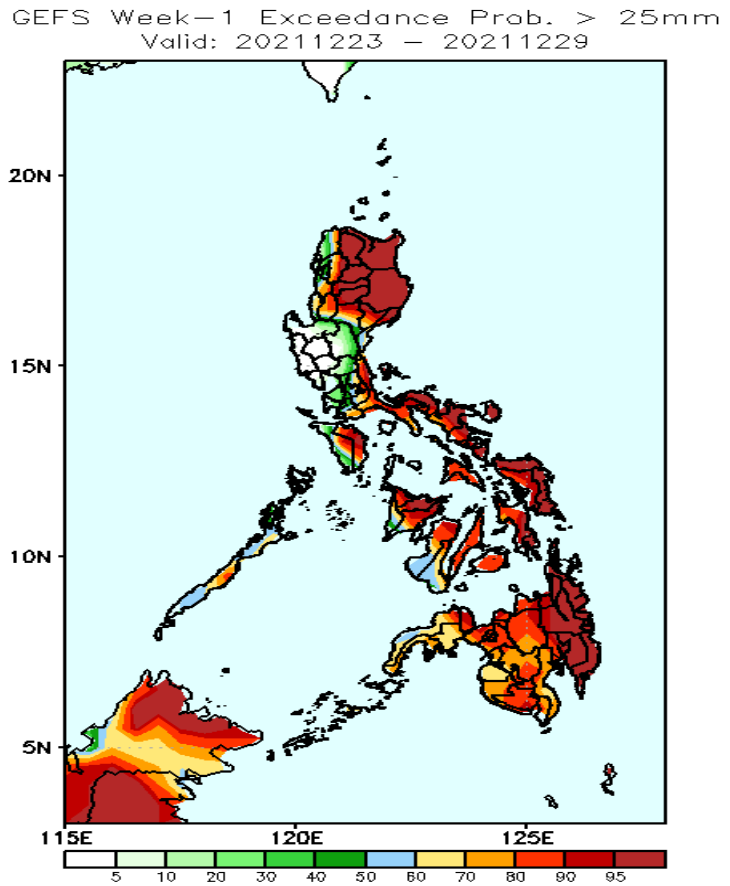
Upper and low level Divergence suggest likelihood of light to moderate precipitation in most parts of the country. Northeast Monsoon affecting Eastern sections of Luzon while Easterlies affecting the rest of the country during the forecast period..

Precipitation Anomaly and Exceedance Probability > 25/50 mm

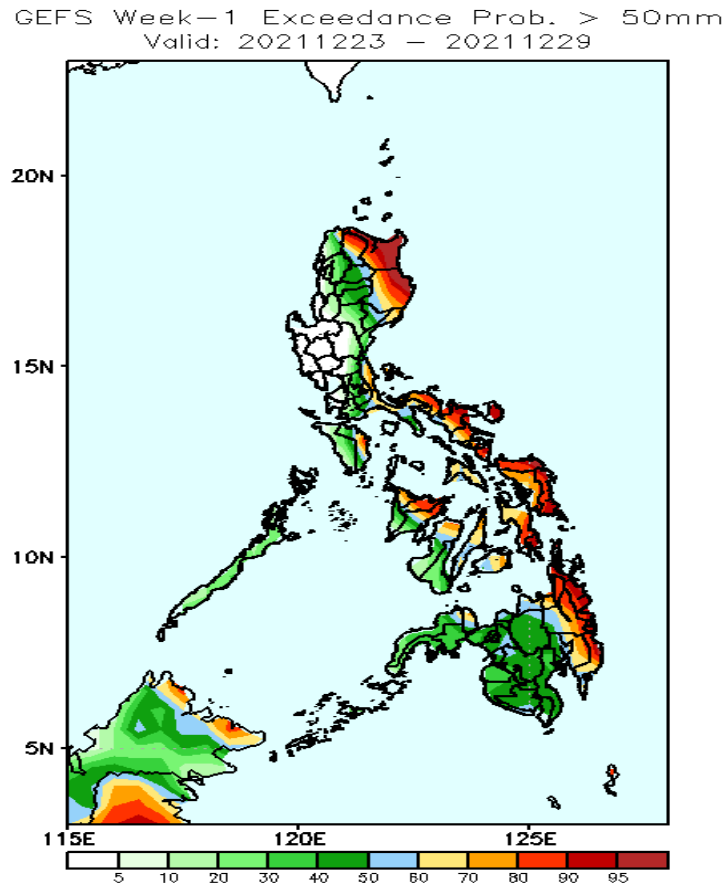
Week 1: Dec 23-29, 2021



Rainfall deficit of 40-80mm is expected in Isabela, Palawan, Northern Mindanao and Zamboanga while 40-80mm increase of rainfall in Bicol Region, most parts of Visayas and eastern & central Mindanao during the forecast period.



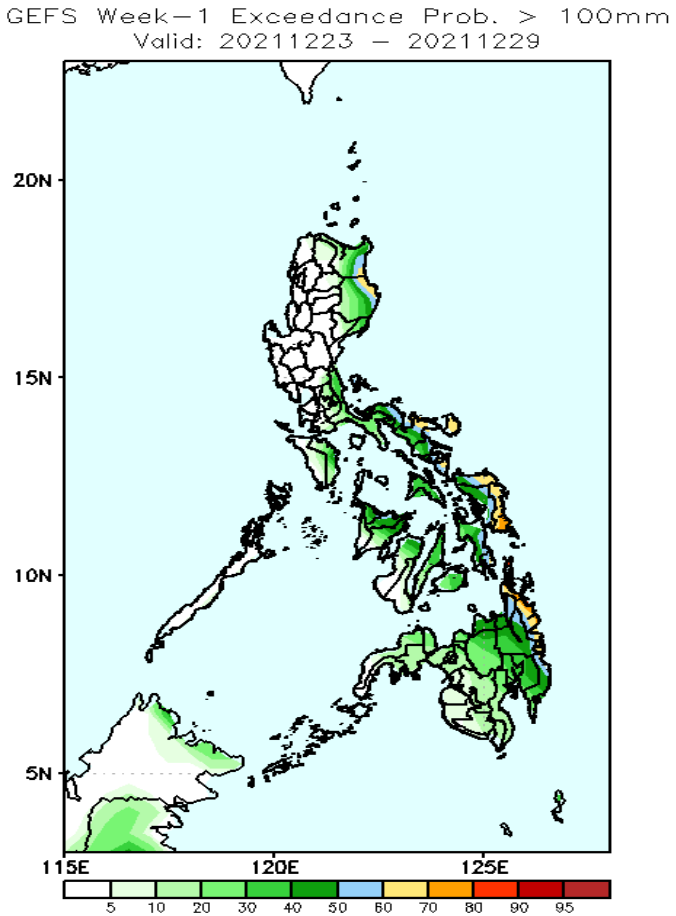
High probability of rainfall to exceed 25mm in most parts of the country is expected except in Central Luzon where below normal rainfall is more likely during the forecast period.



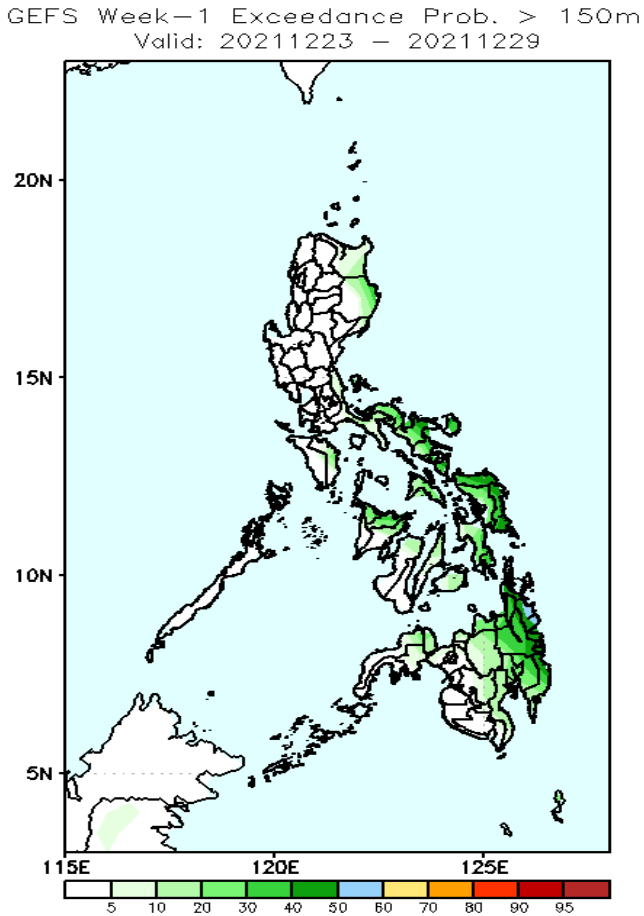
High probability of rainfall to exceed 50mm in most parts of the country is expected in Apayao, Cagayan, Isabela, most parts of Bicol Region, Visayas (except some areas in the western parts) and easter Mindanao while less likely during the forecast period.

Exceedance Probability > 100/150/200 mm

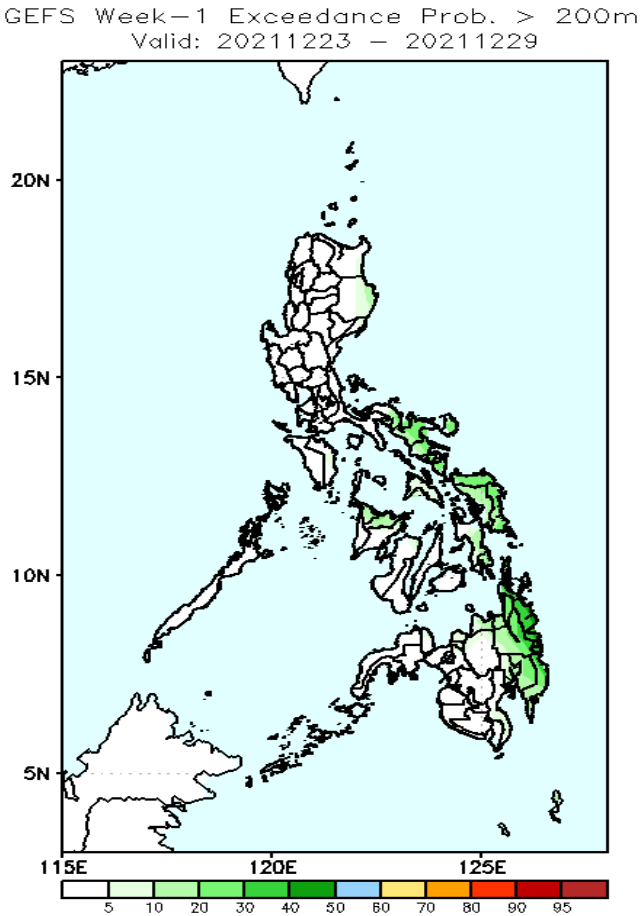
Week 1: Dec 23-29, 2021



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



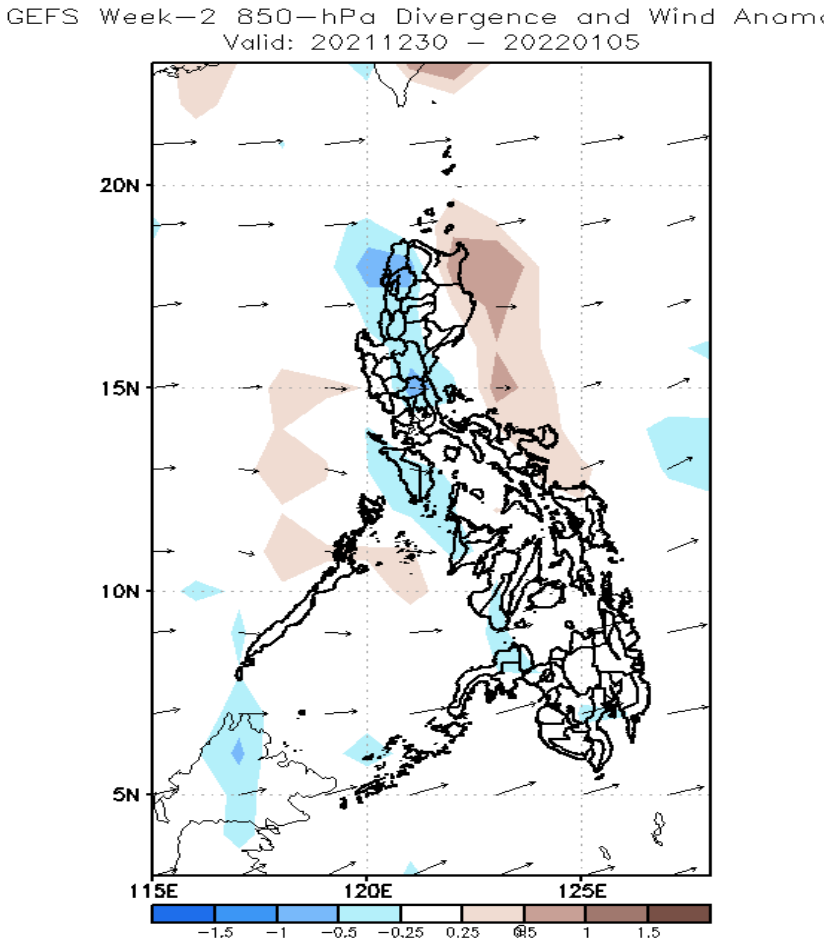
Less probability of rainfall to exceed 150mm in most parts of the country is expected during the forecast period.

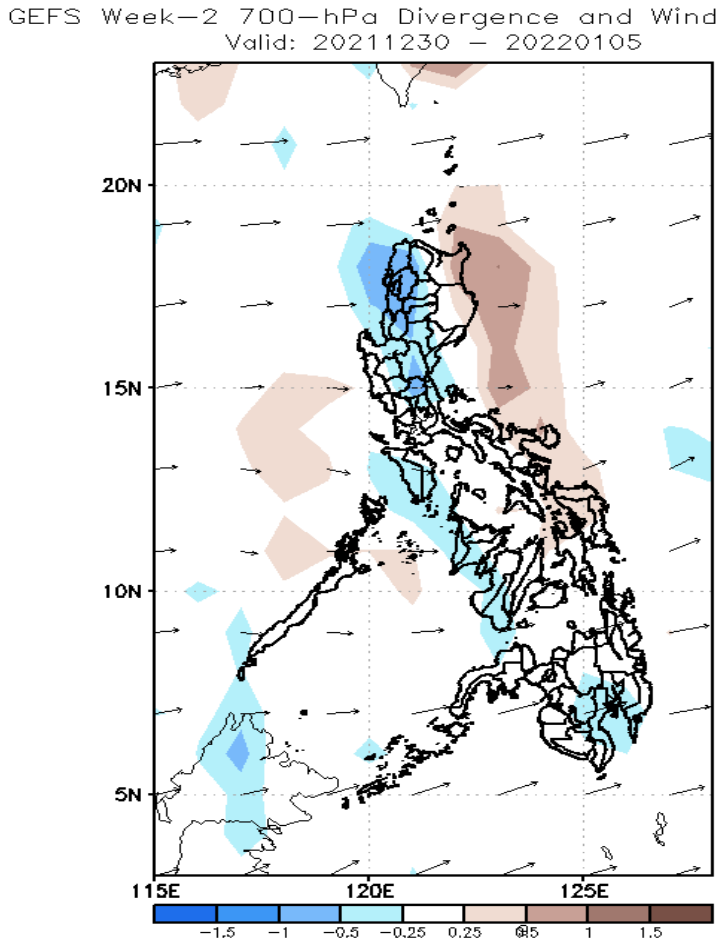


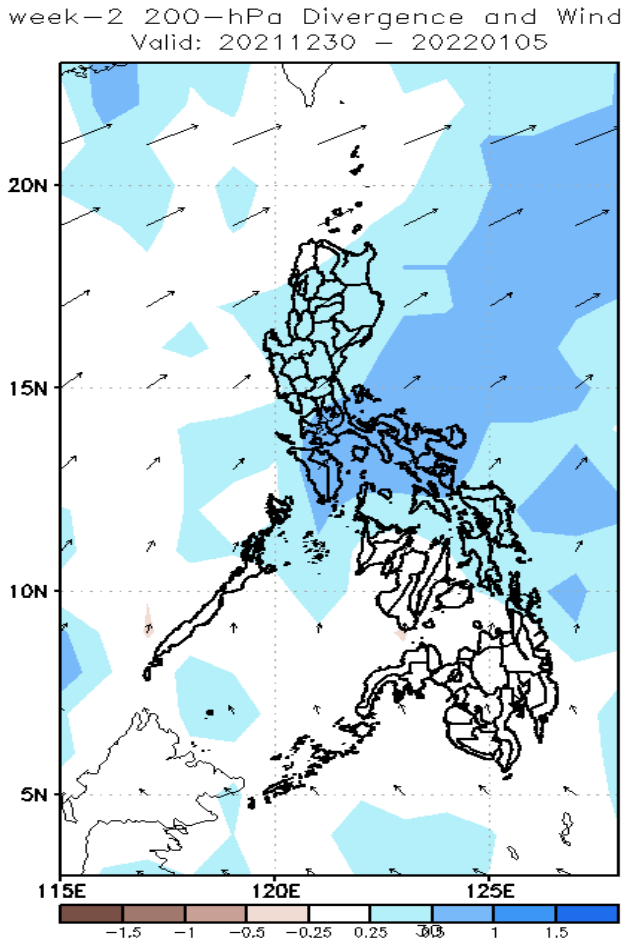
Less probability of rainfall to exceed 200mm in most parts of the country is expected during the forecast period.

GEFS Week-2 Forecasts: Divergence & Wind Anomaly

Week 2: Dec 30-Jan 05, 2021



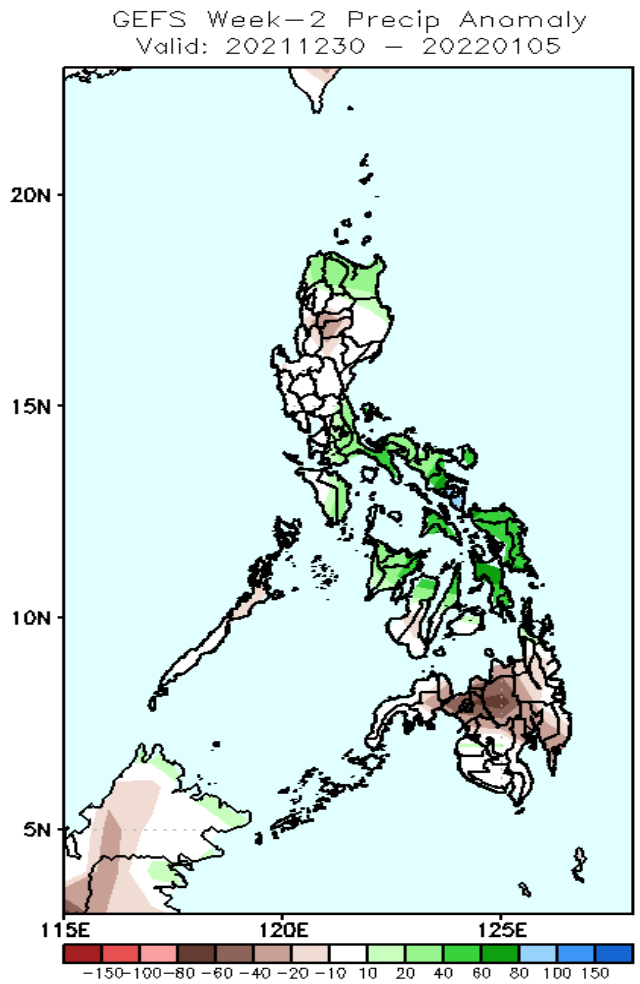




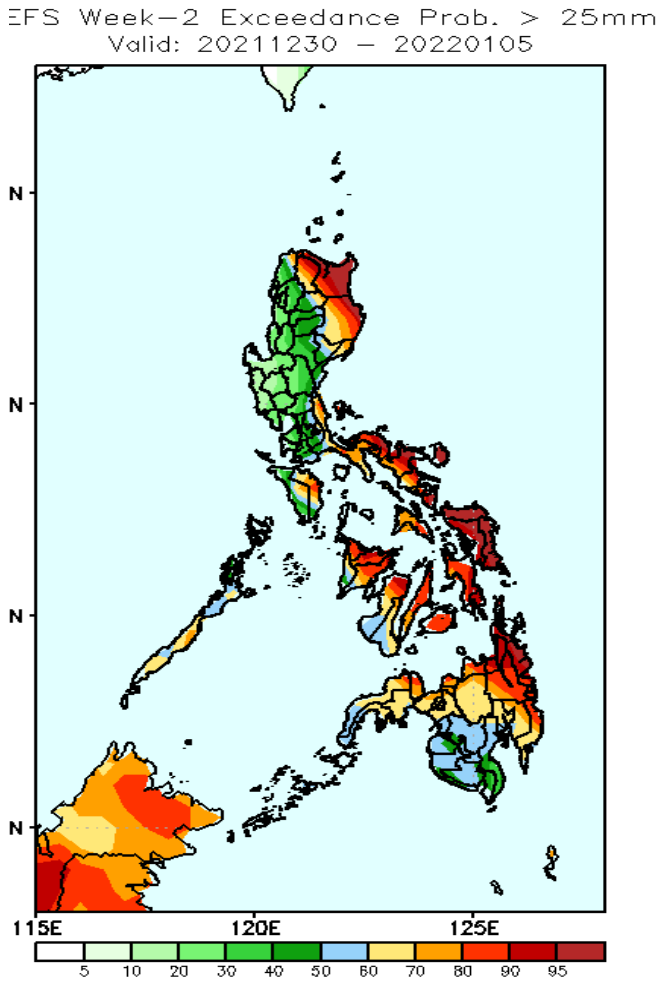
Upper and low level Divergence suggest likelihood of light to moderate precipitation in most parts of Luzon, Eastern Visayas and CARAGA. Northeast Monsoon affecting Extreme Northern Luzon while Easterlies affecting the rest of the country during the forecast period.

Precipitation Anomaly and Exceedance Probability > 25/50 mm

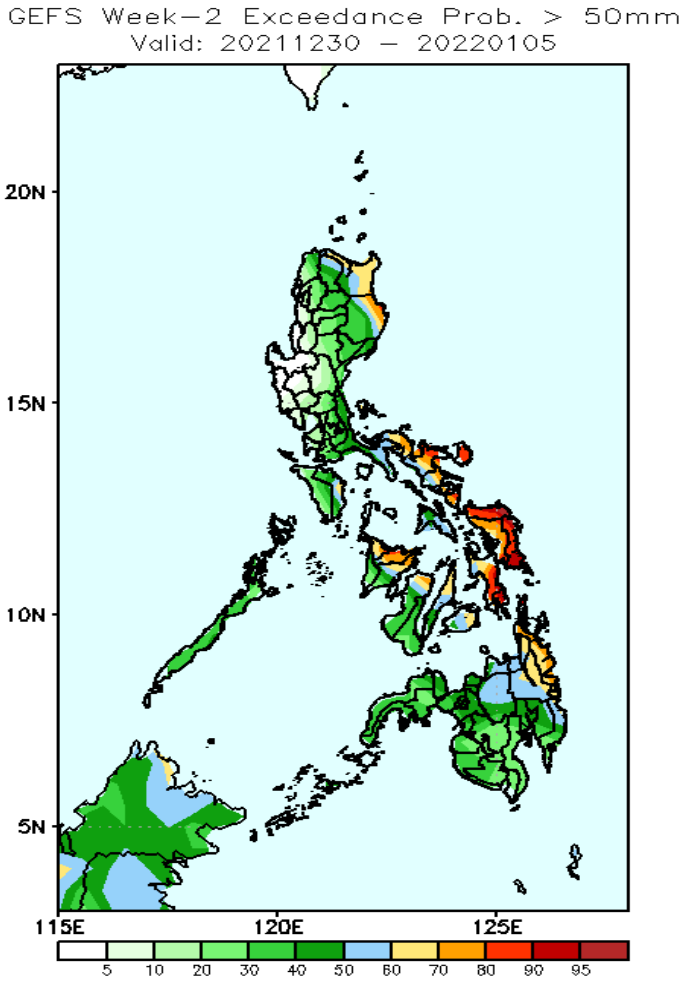
Week 2: Dec 30-Jan 05, 2021



Increase of rainfall of 20-80mm is expected in northern Luzon, Bicol Region and most parts of Visayas while 20-70mm rainfall deficit in most parts of Mindanao during the forecast period



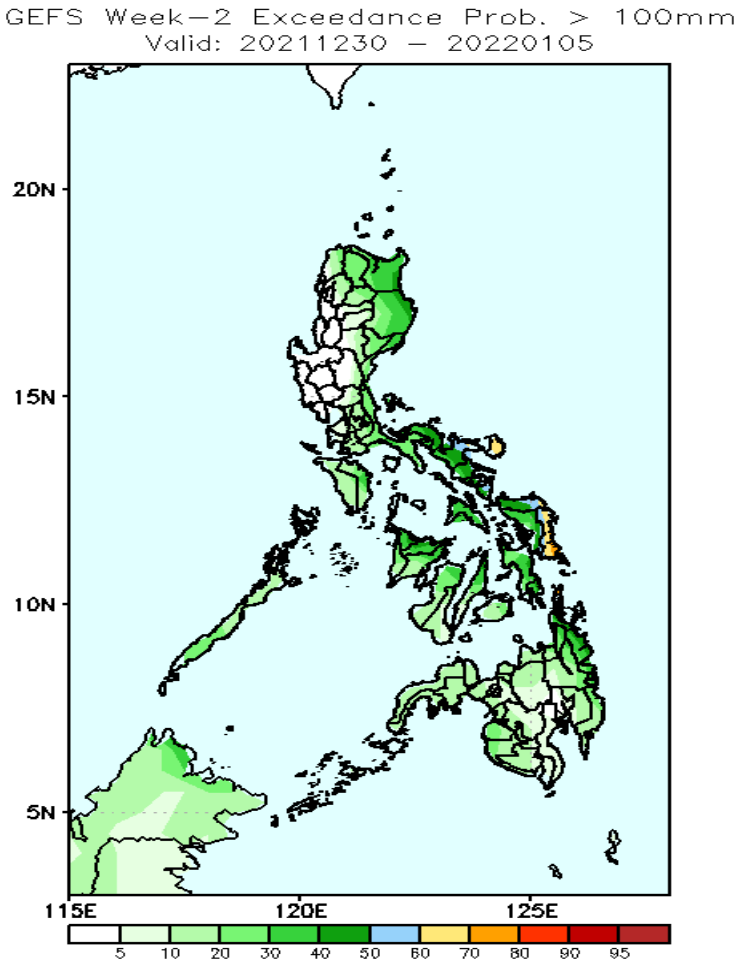
High probability of rainfall to exceed 25mm in Apayao, Cagayan, Isabela, Oriental Mindoro and most parts of Bicol Region, Visayas and Mindanao while less likely for the rest of the county during the forecast period.



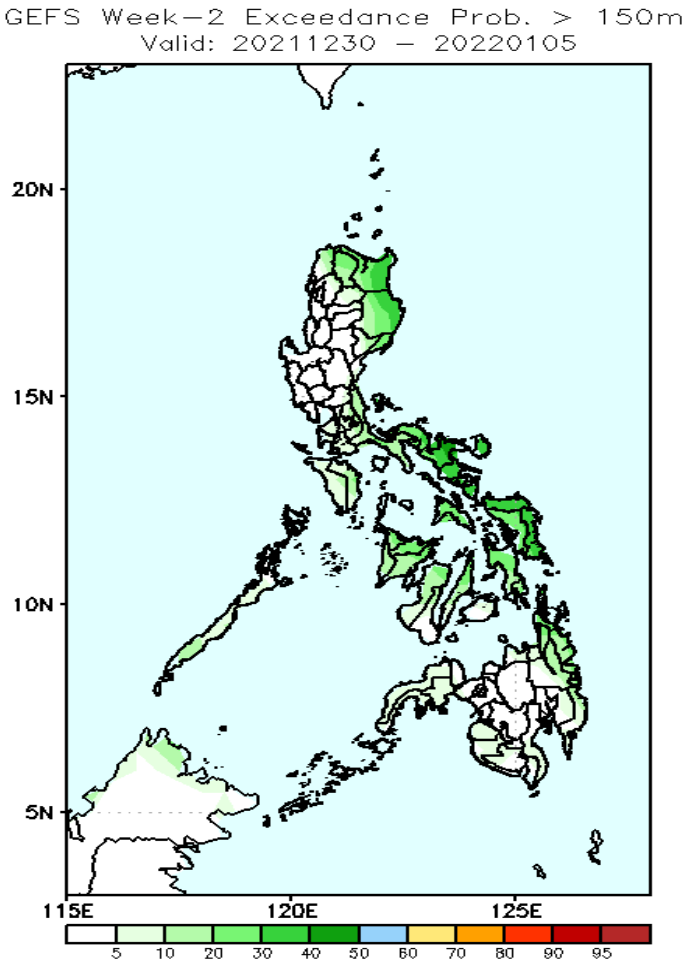
60-90% probability of rainfall to exceed 50mm in Cagayan, Isabela, Bicol Region, Eastern Visayas, Cebu, Bohol, Aklan, Capiz northern Negros and CARAGA Region while less likely for the rest of the county during the forecast period.

Exceedance Probability > 100/150/200 mm

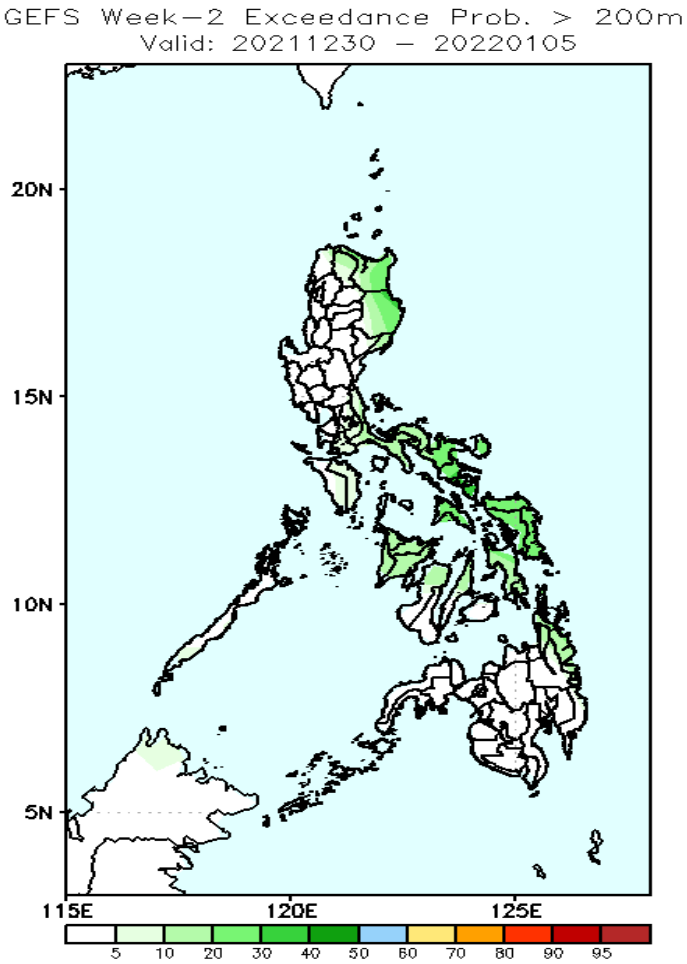
Week 2: Dec 30-Jan 05, 2021



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

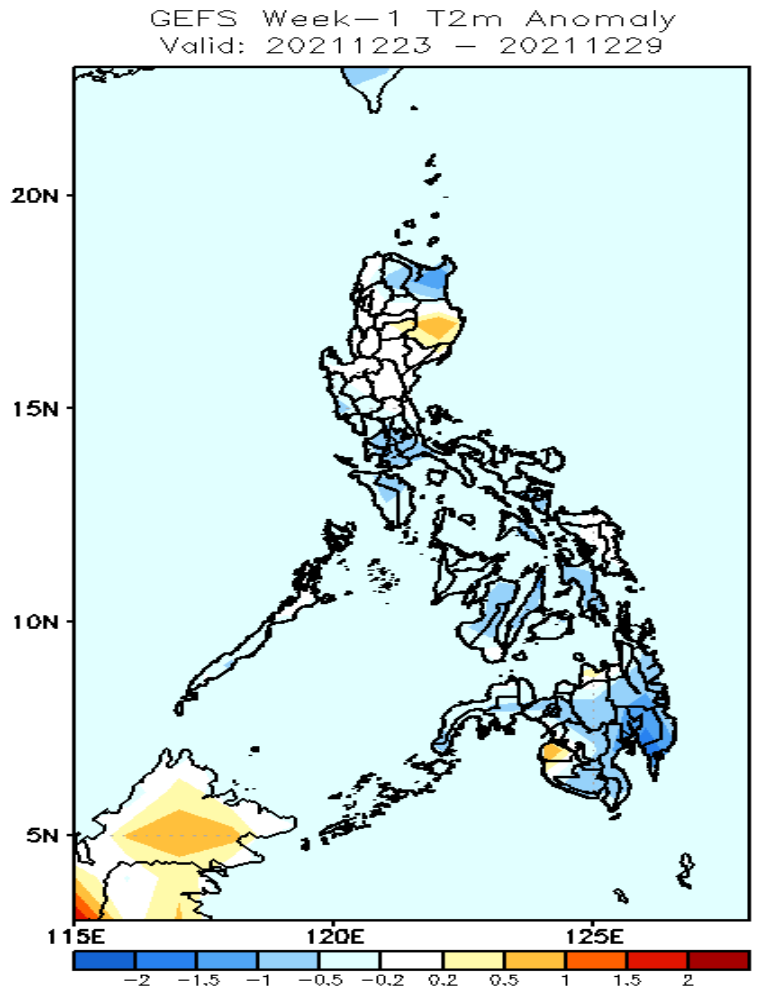


Less probability of rainfall to exceed 150mm in most parts of the country is expected during the forecast period.



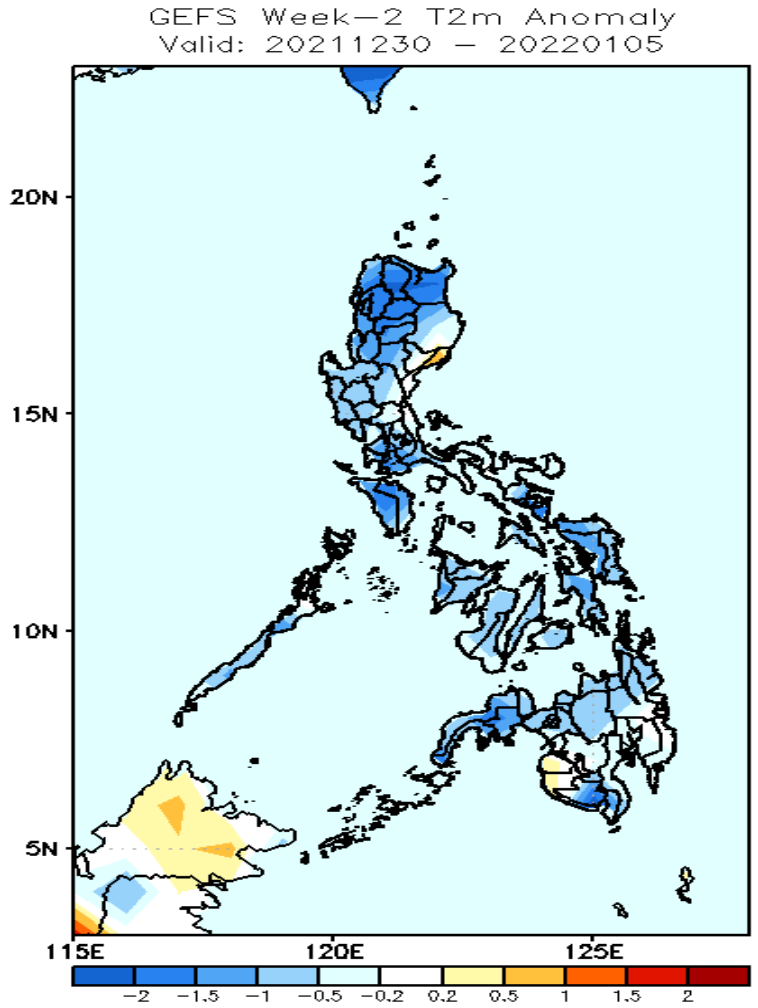
Less probability of rainfall to exceed 200mm in most parts of the country is expected during the forecast period.

GEFS Week-1 & 2 Forecasts: T2m Anomaly



2m Temperature Week 1: Dec 23-29, 2021

Slightly cooler to cooler than average surface air temperature will likely experience in Apayao, Cagayan, Southern Luzon and most parts of Visayas and Mindanao while average to slightly warmer in Isabela, Maguindanao and the rest of Luzon during the forecast period.



2m Temperature Week 2: Dec 30-Jan 05, 2021

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