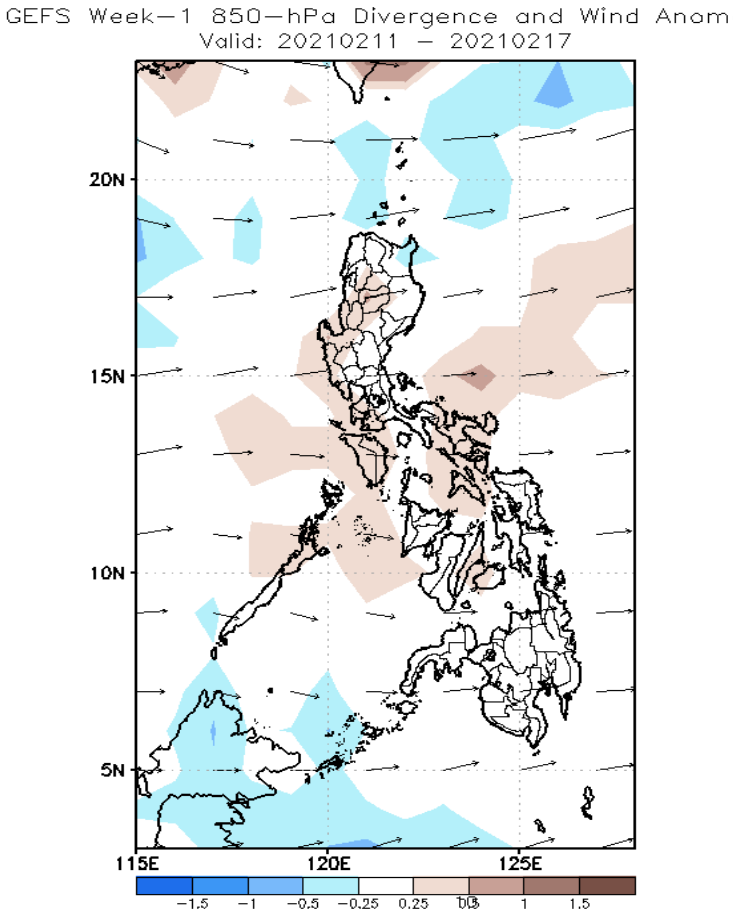
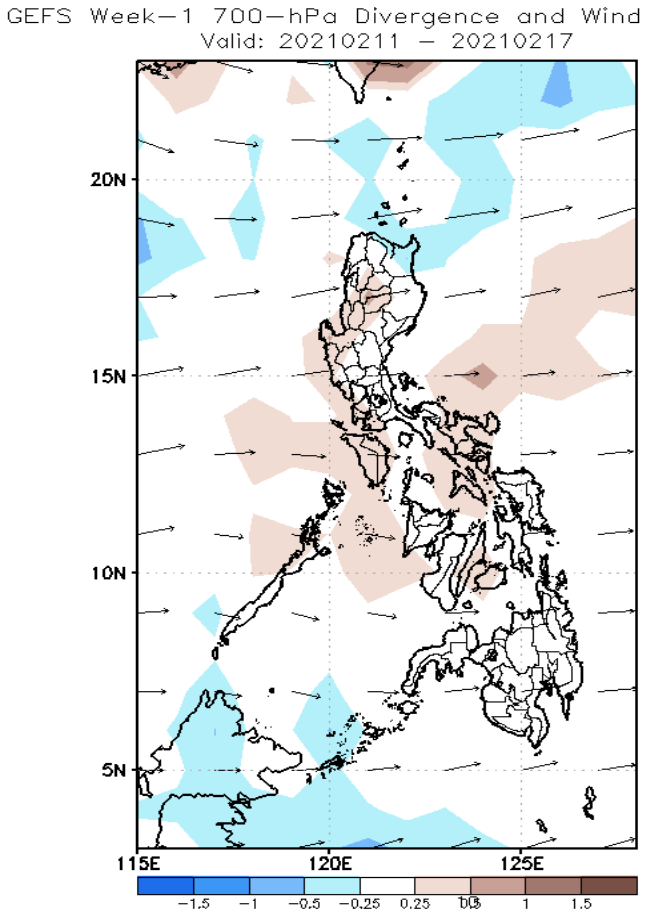
Week 1 & Week 2 Forecast for the Philippines **using GEFS Model**

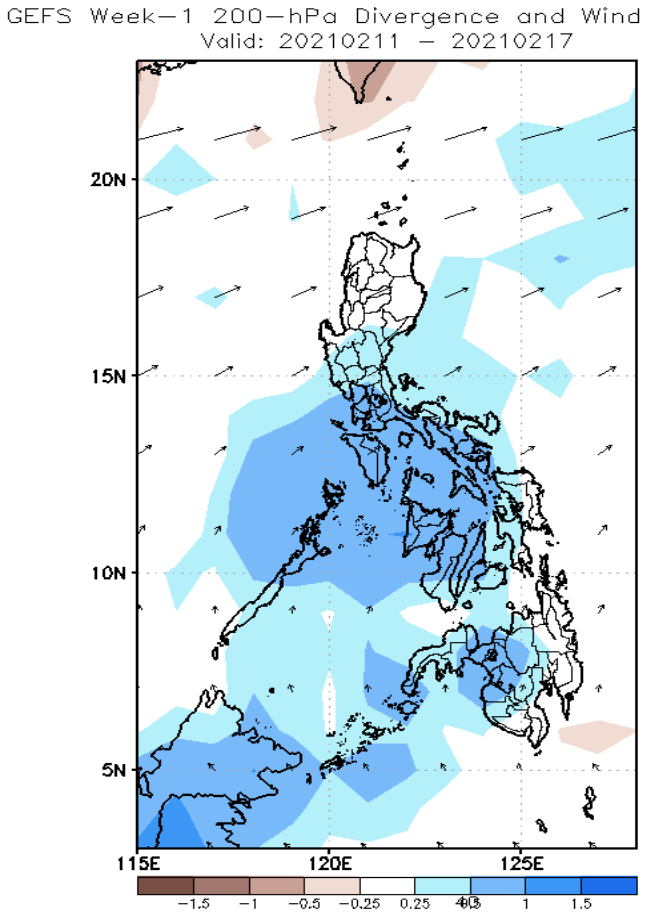
DOST PAGASA
The Weather and Climate Authority

GEFS Week-1 Forecasts: Divergence & Wind Anomaly

Week 1: February 11-17, 2021



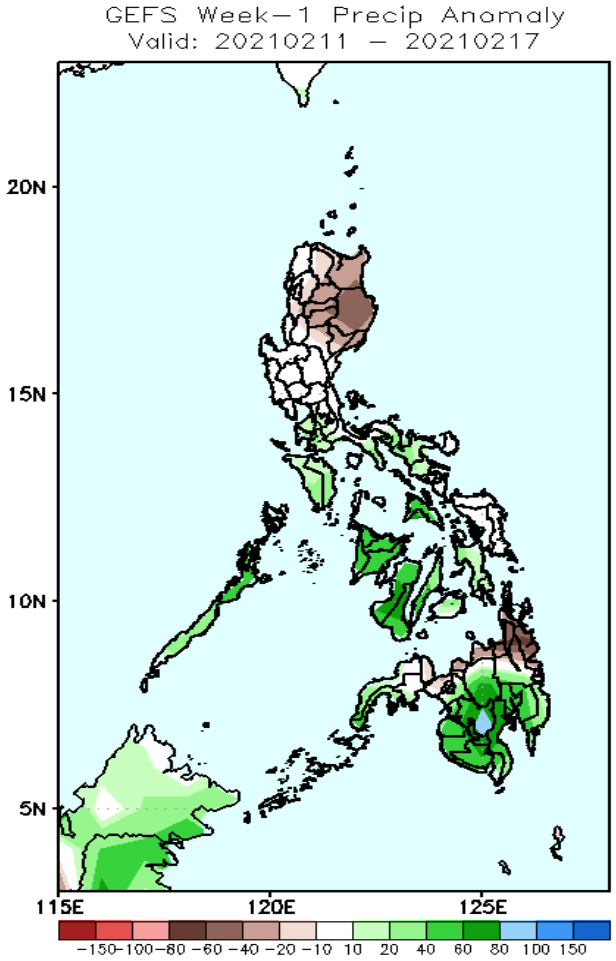




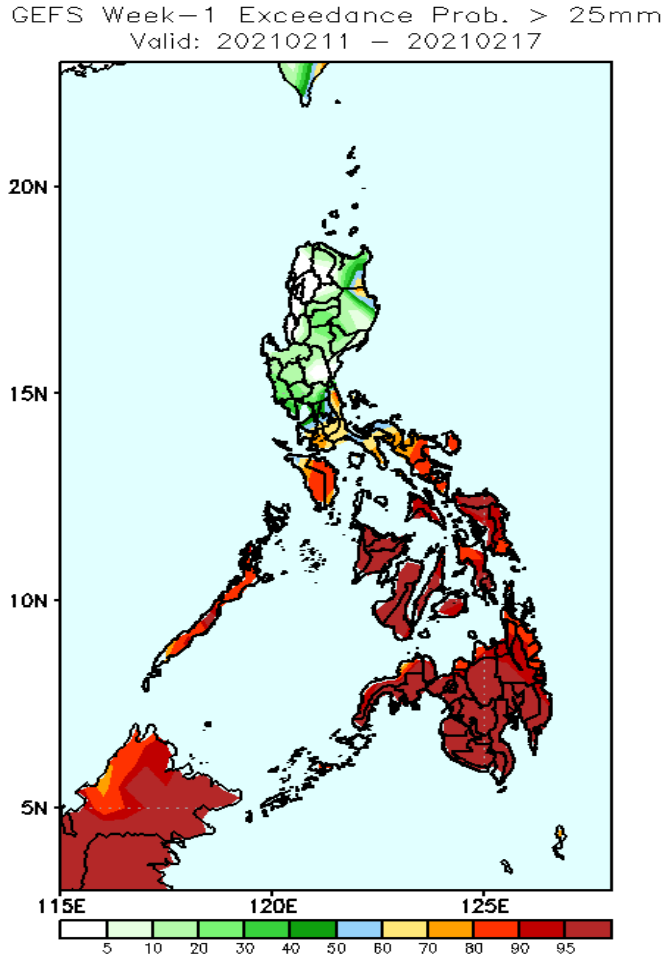
Upper and low level Divergence suggest likelihood of precipitation in most parts of the country except Northern Luzon and Eastern and Southern Mindanao. Northeast Monsoon affecting most parts of Extreme Northern and Northern Luzon while Easterlies the rest of the country during the forecast period.

Precipitation Anomaly and Exceedance Probability > 25/50 mm

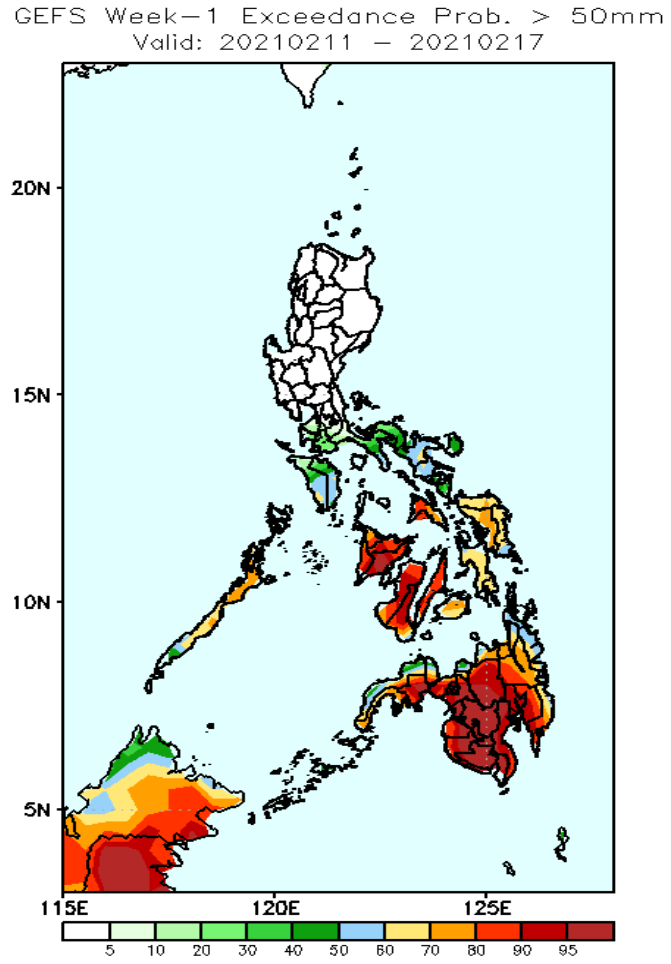
Week 1: February 11-17, 2021



Increase of rainfall of 40-90mm is expected in most parts of Southern Luzon, in Visayas (except Samar Provinces) and Mindanao while rainfall deficit of 40-80mm in Cagayan Valley, Kalinga, Mt. Province, Ifugao and northeastern



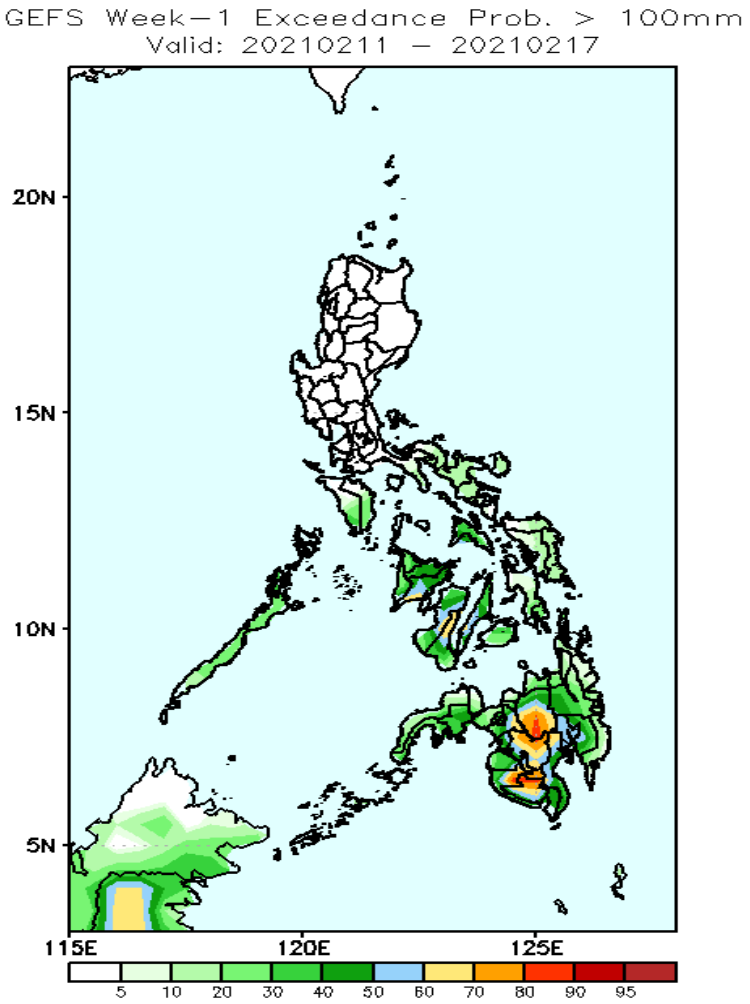
High probability of rainfall to exceed 25mm in most parts of Southern Luzon, Visayas and Mindanao while less likely for the rest of Luzon during the forecast period.



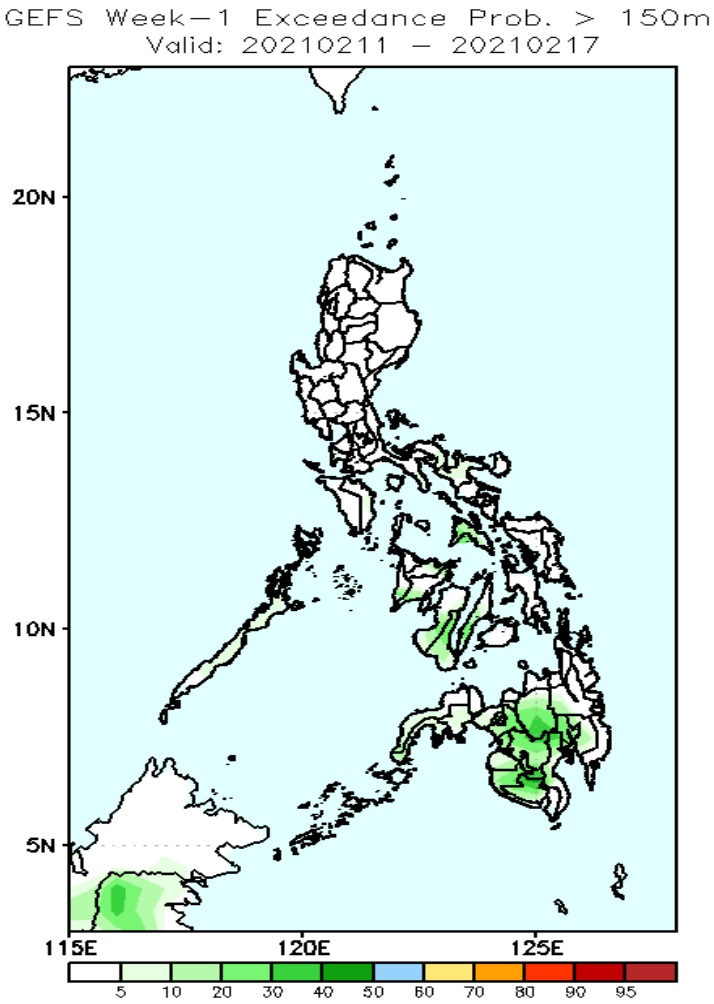
High probability of rainfall to exceed 50mm in most parts of Visayas and Mindanao while less likely in Luzon during the forecast period.

Exceedance Probability > 100/150/200 mm

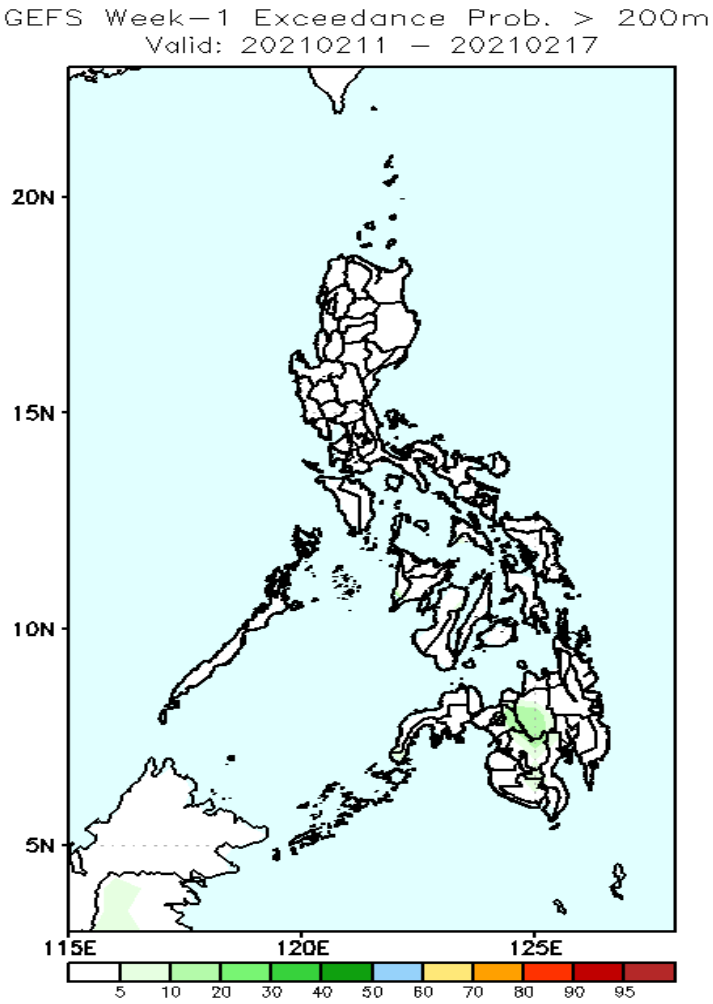
Week 1: February 11-17, 2021



Less probability of rainfall to exceed 100mm in most parts of the country except in Bukidnon, North & South Cotabato where 70-95% probability during the forecast period.



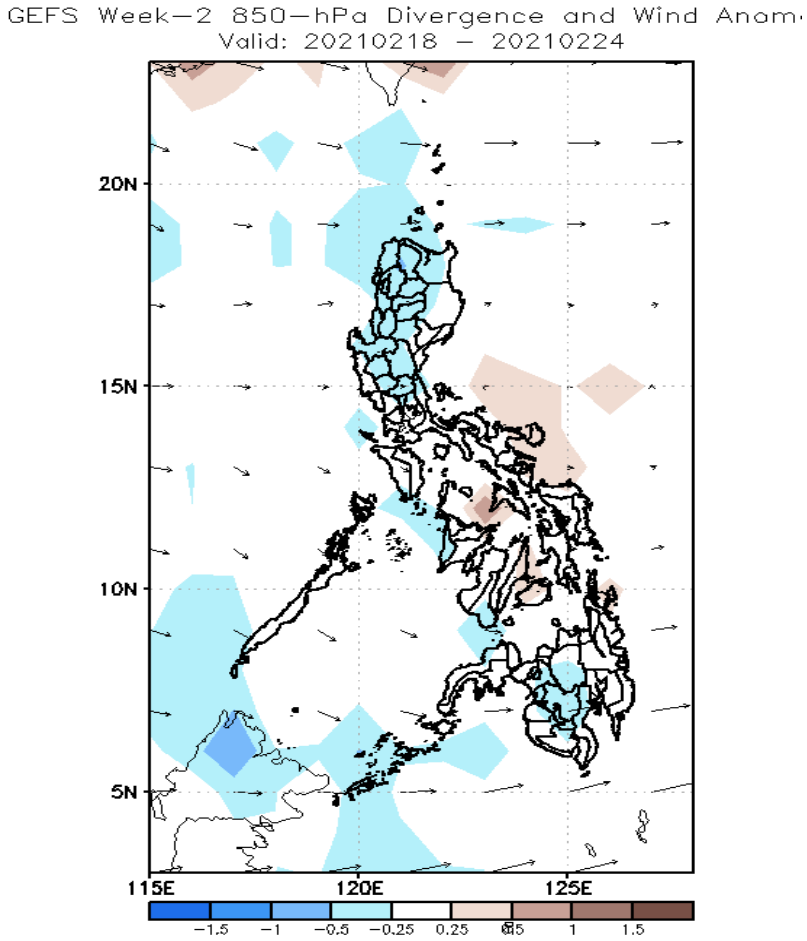
Less probability of rainfall to exceed 150mm in most parts of the country during the forecast period.

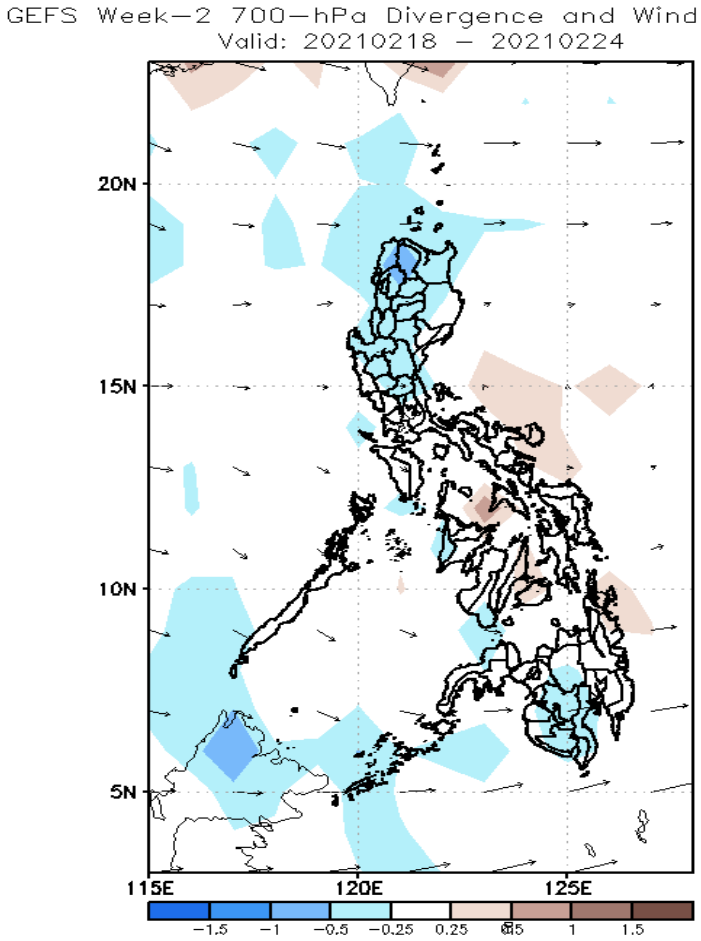


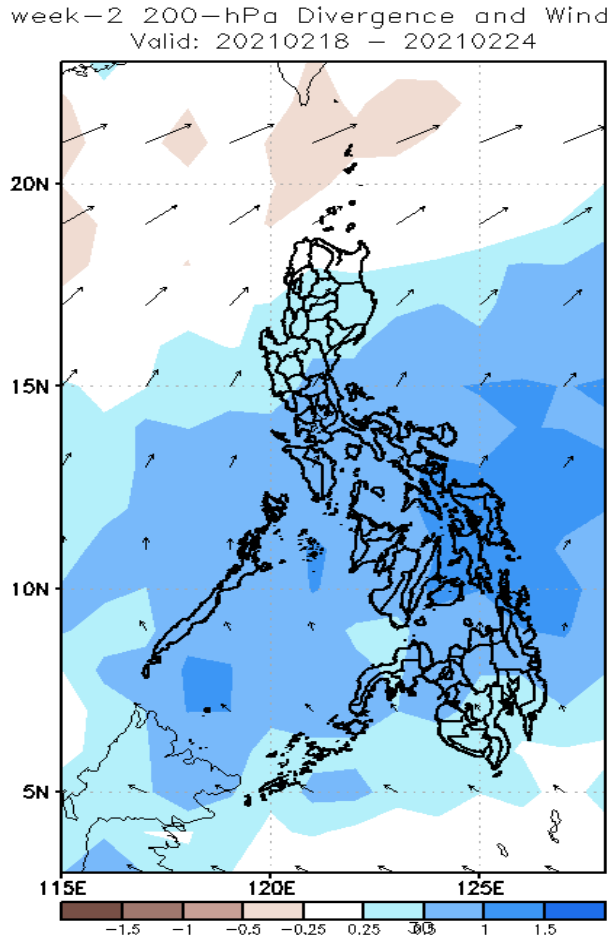
Less probability of rainfall to exceed 200mm in most parts of the country during the forecast period.

GEFS Week-2 Forecasts: Divergence & Wind Anomaly

Week 2: February 18-24, 2021



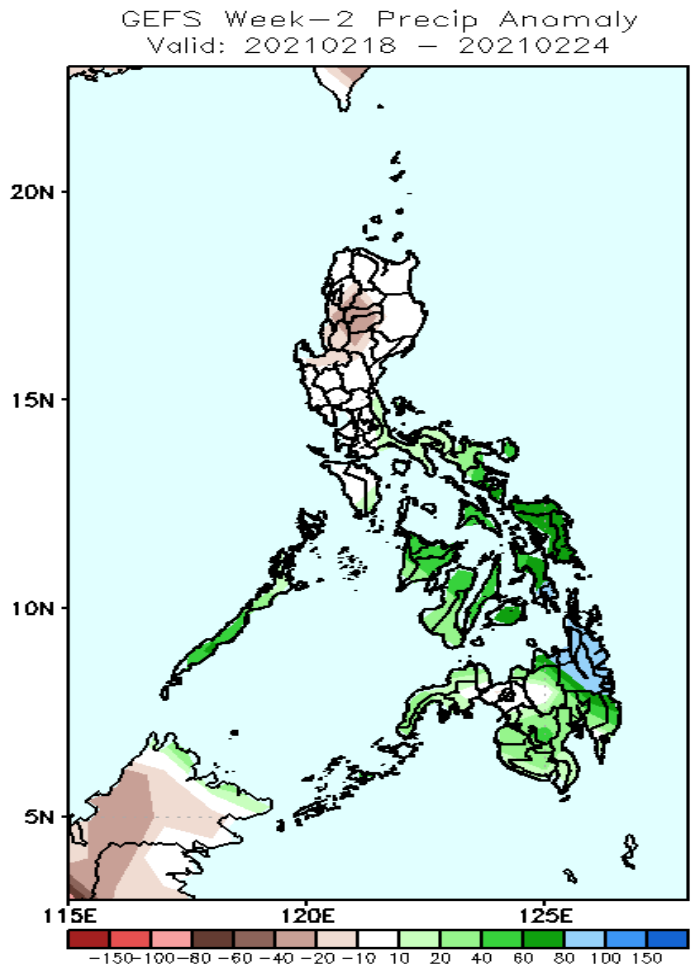




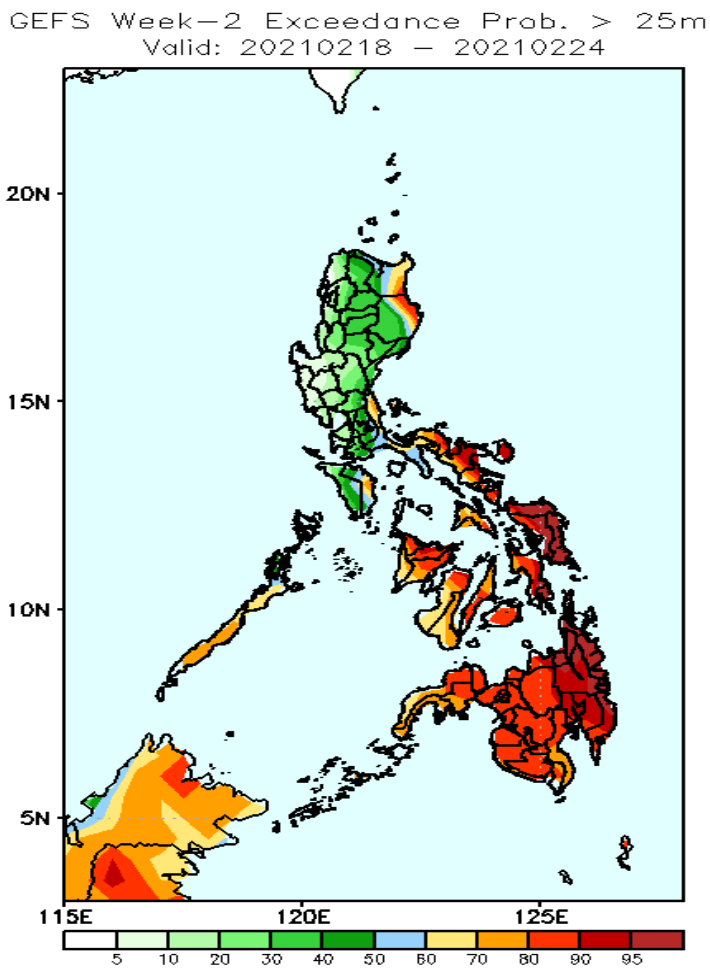
Upper and low level Divergence suggest likelihood of precipitation in most parts of the country. Northeast Monsoon affecting most parts of Extreme Northern and Northern Luzon while easterlies affecting Visayas and Mindanao during the forecast period.

Precipitation Anomaly and Exceedance Probability > 25/50 mm

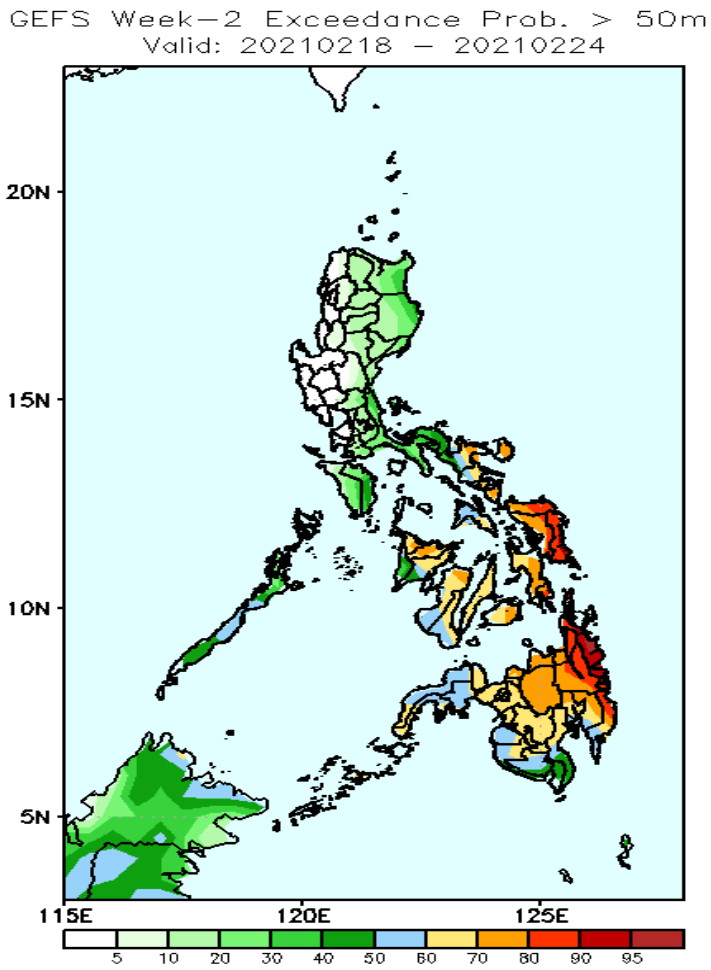
Week 2: February 18-24, 2021



Increase of rainfall of 60-100mm is expected in most parts of Visayas and Mindanao especially in CARAGA Region during the forecast period.



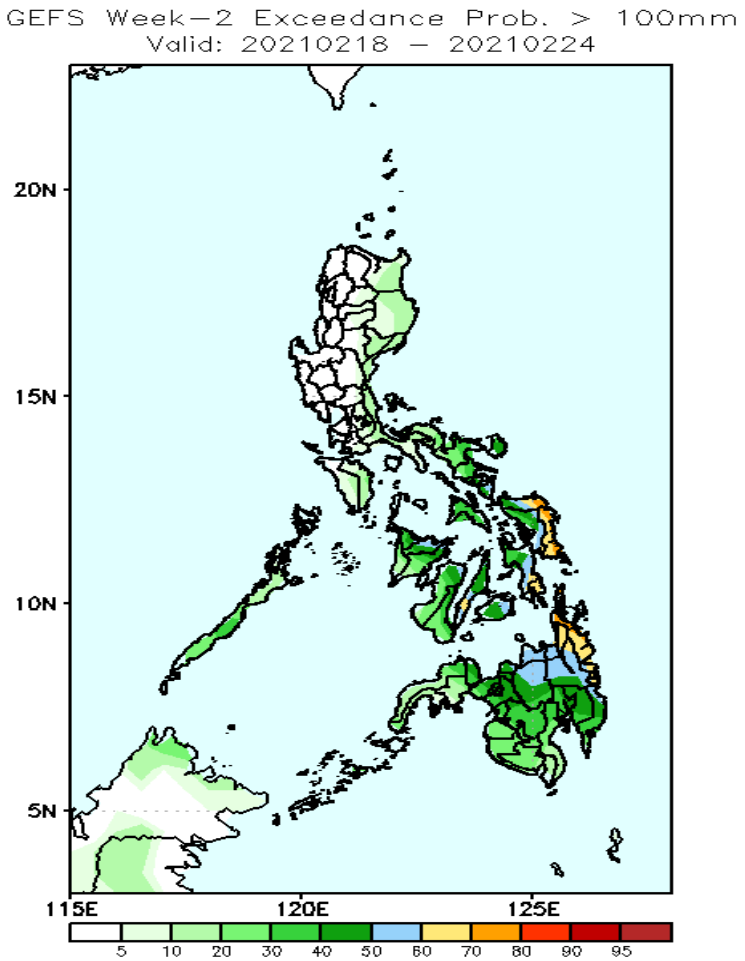
High probability of rainfall to exceed 25mm in eastern parts of Cagayan & Isabela, Bicol Region and in most parts of Visayas and Mindanao during the forecast period.



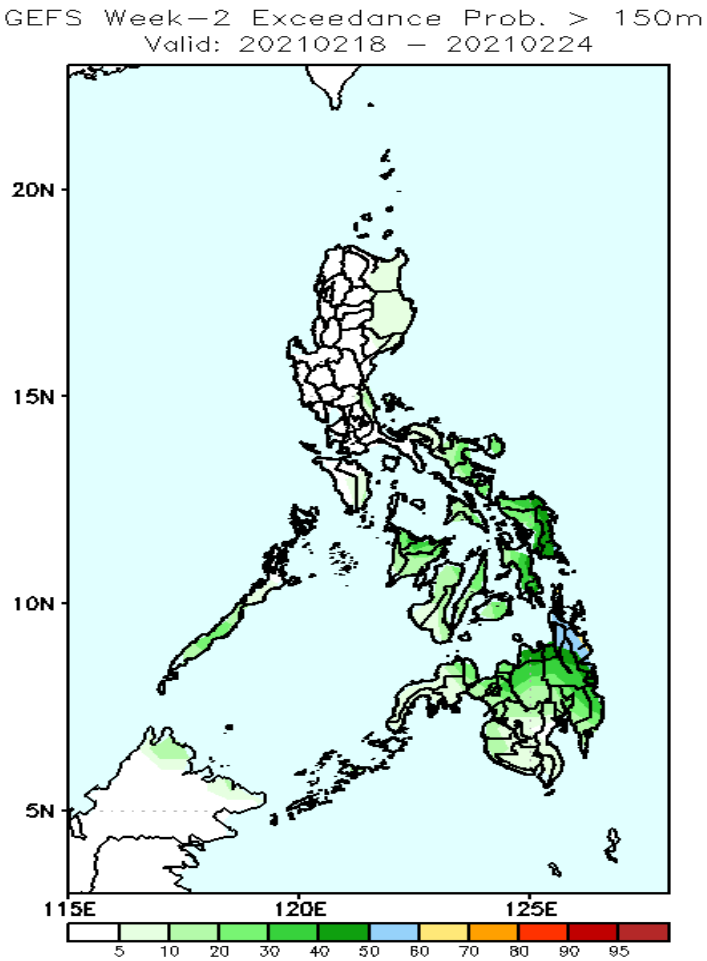
High probability of rainfall to exceed 50mm in most parts of Visayas and Mindanao while less likely in Luzon during the forecast period.

Exceedance Probability > 100/150/200 mm

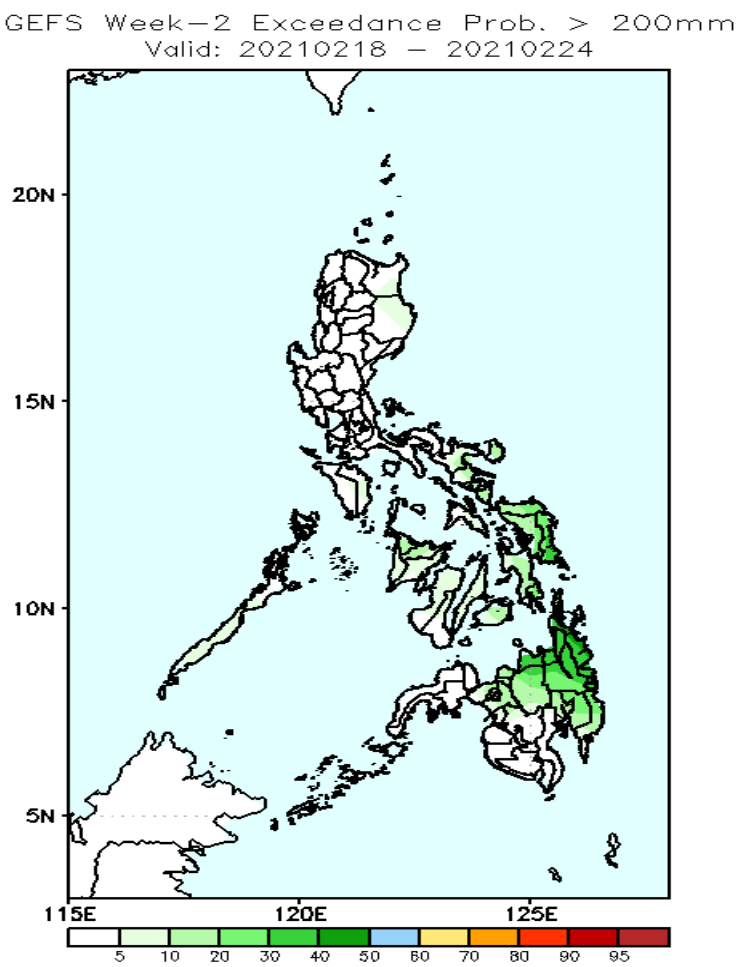
Week 2: February 18-24, 2021



Less probability of rainfall to exceed 100mm in most parts of the country except in Northern & Eastern Visayas, Agusan del Norte and Surigao Provinces where 70-80% probability during the forecast period.

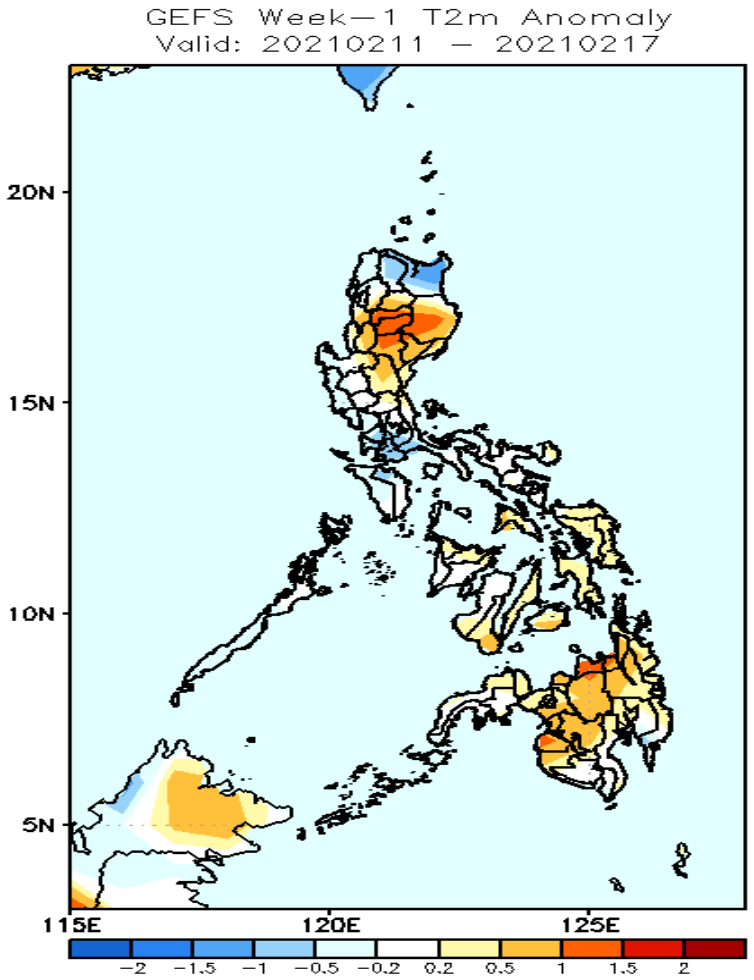


Less probability of rainfall to exceed 150mm in most parts of the country during the forecast period.



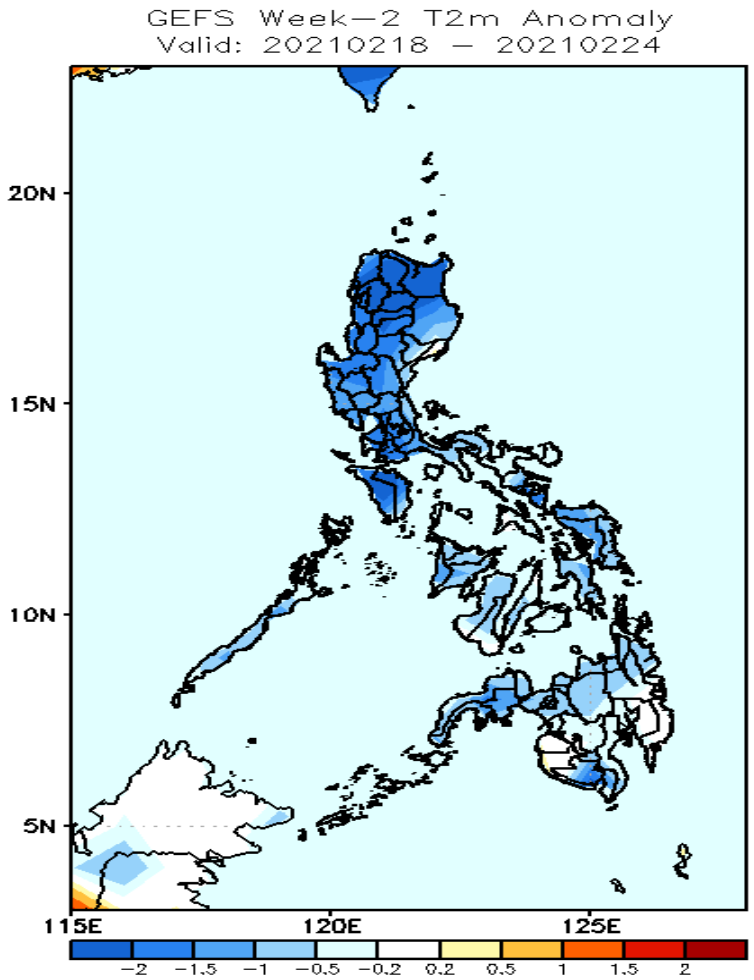
Less probability of rainfall to exceed 200mm in most parts of the country during the forecast period.

GEFS Week-1 & 2 Forecasts: T2m Anomaly



2m Temperature Week 1: February 11-17, 2021

Slightly warmer to warmer than average surface air temperature is expected in Cagayan Valley & Isabela and in northern parts of Mindanao is expected while slightly cooler than average temperature in Apayao, Cagayan and CALABARZON during the forecast period.



2m Temperature Week 2: February 18-24, 2021

Slightly cooler to cooler than average surface air temperature is expected in most parts of the country during the forecast period.