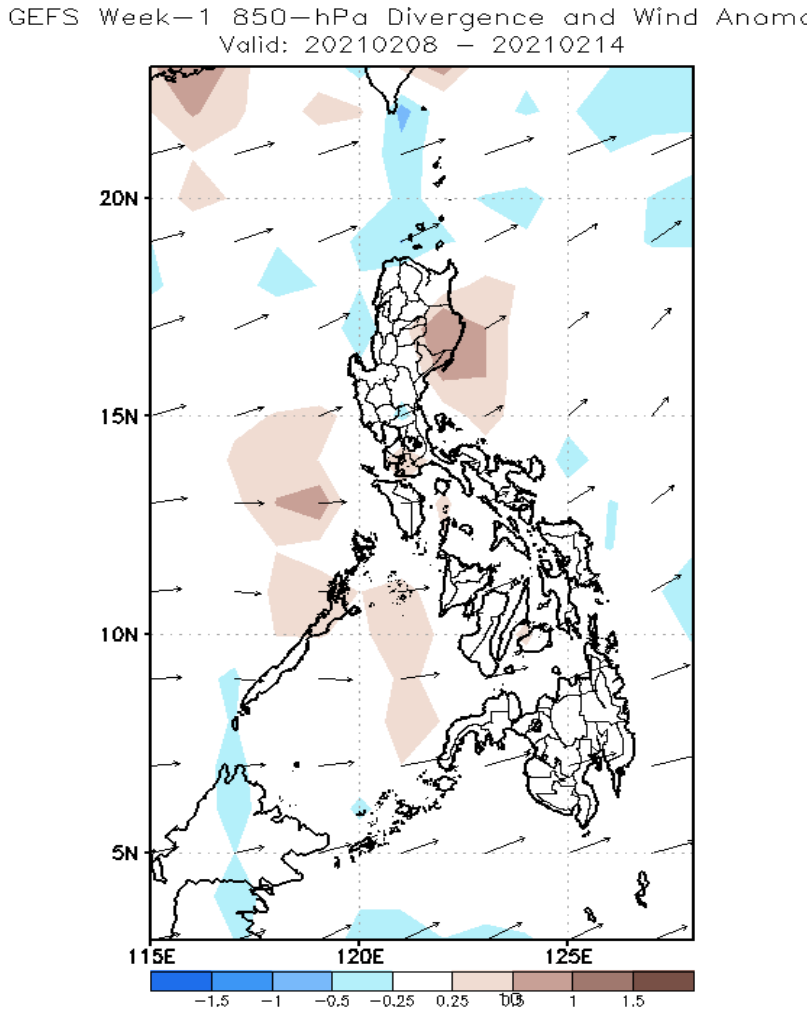
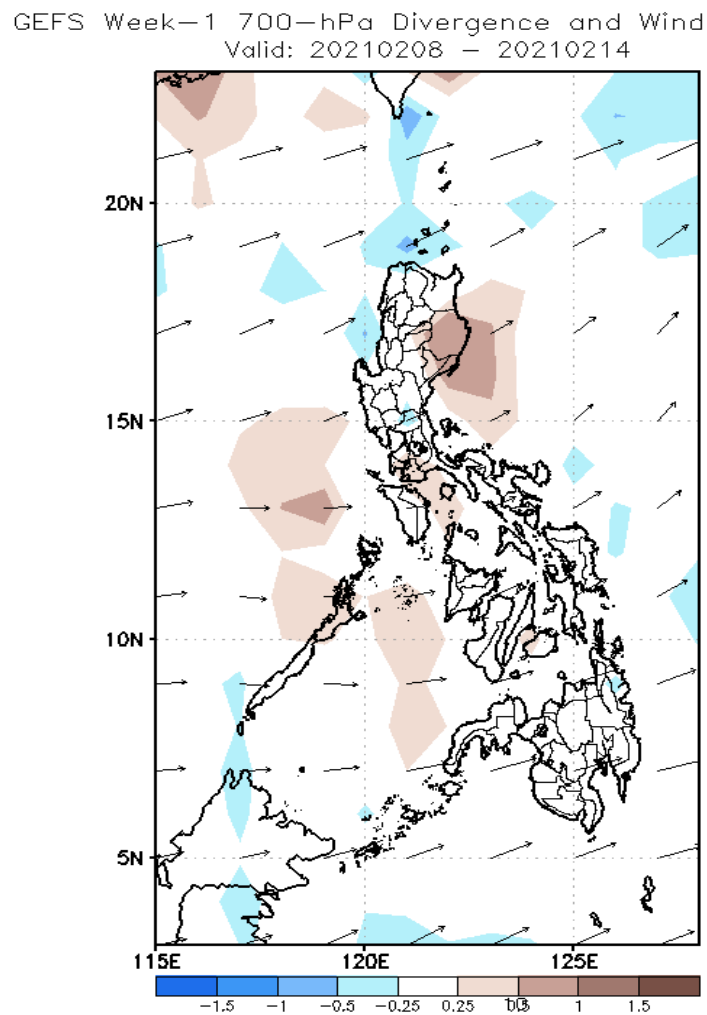
Week 1 & Week 2 Forecast for the Philippines **using GEFS Model**

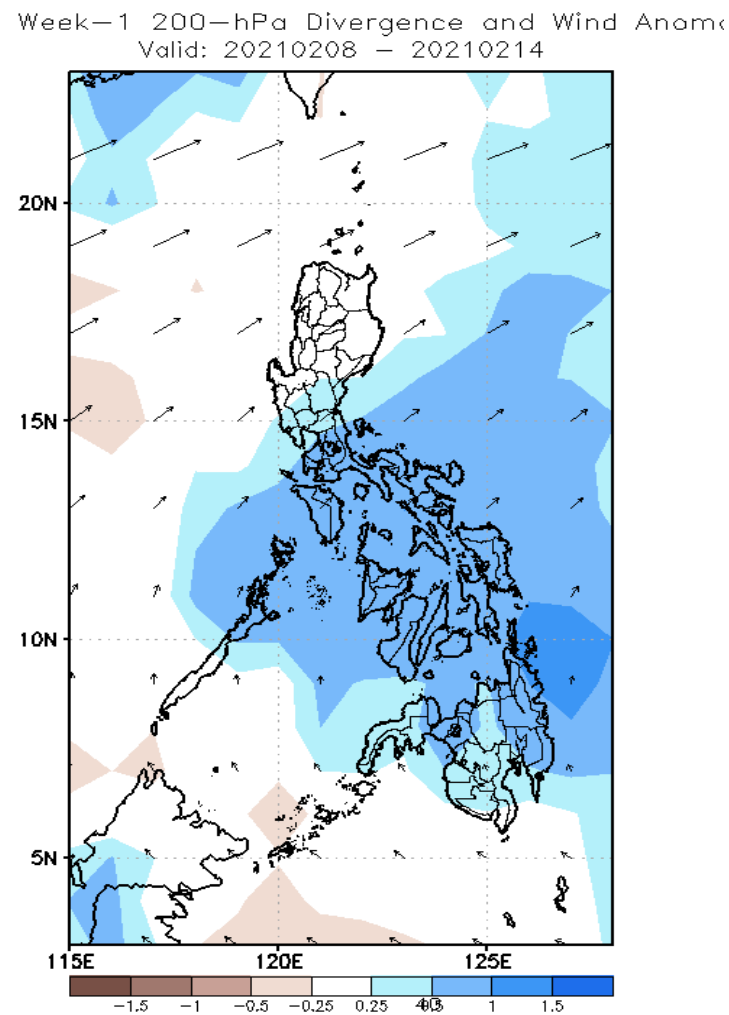
DOST PAGASA
The Weather and Climate Authority

GEFS Week-1 Forecasts: Divergence & Wind Anomaly

Week 1: February 8-14, 2021



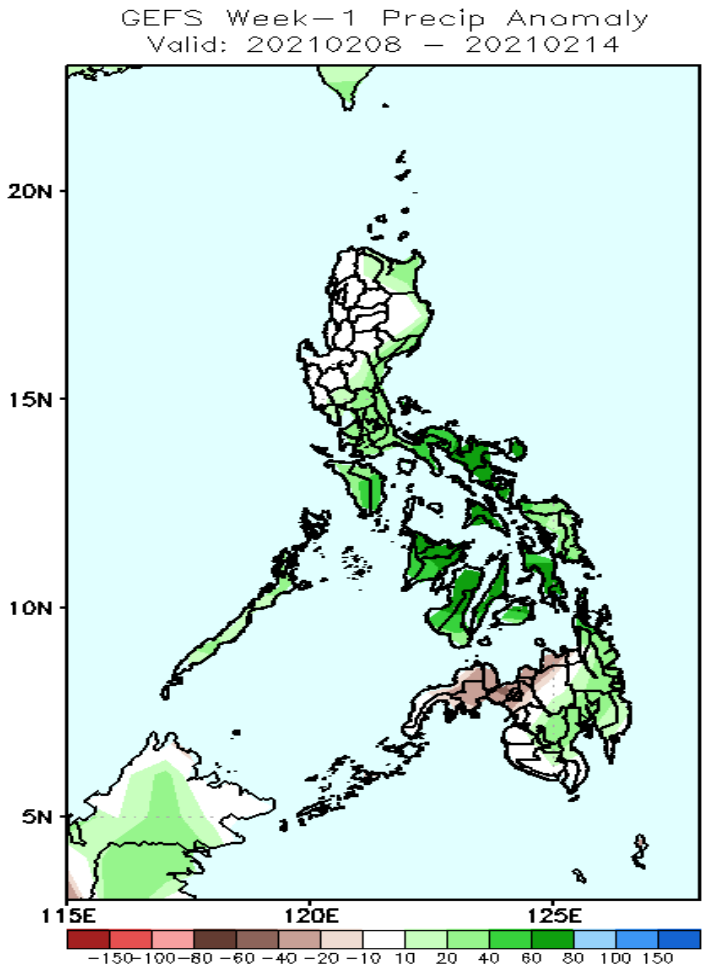




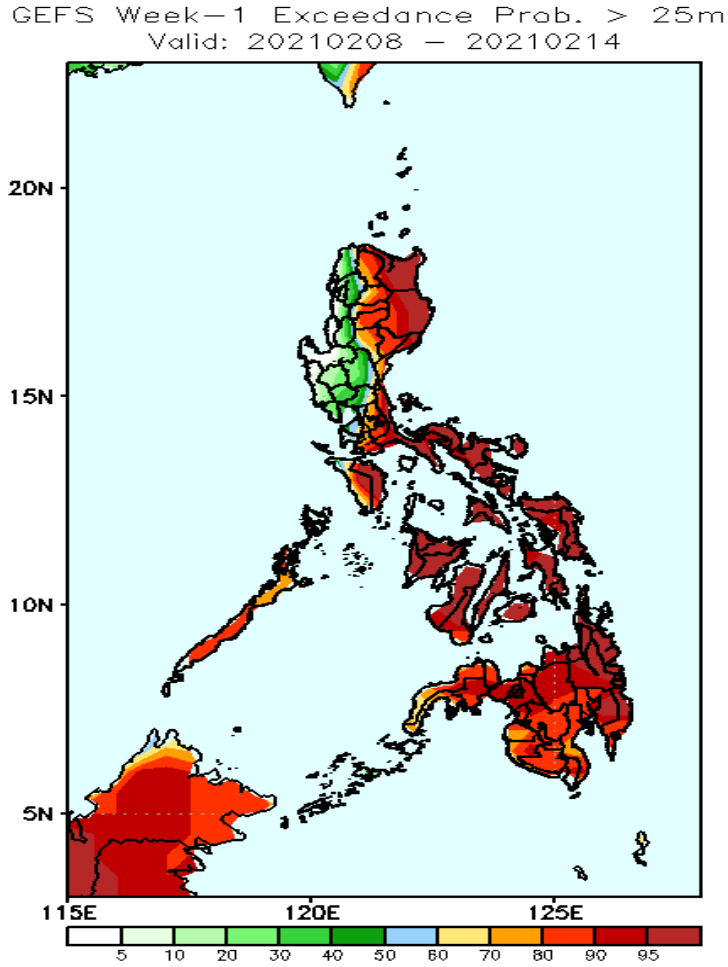
Upper and low level Divergence suggest likelihood of precipitation in Central and Southern Luzon and most parts of Visayas and Mindanao. Northeast Monsoon affecting Northern and Extreme Northern Luzon while Easterlies affecting most parts of the country during the forecast period.

Precipitation Anomaly and Exceedance Probability > 25/50 mm

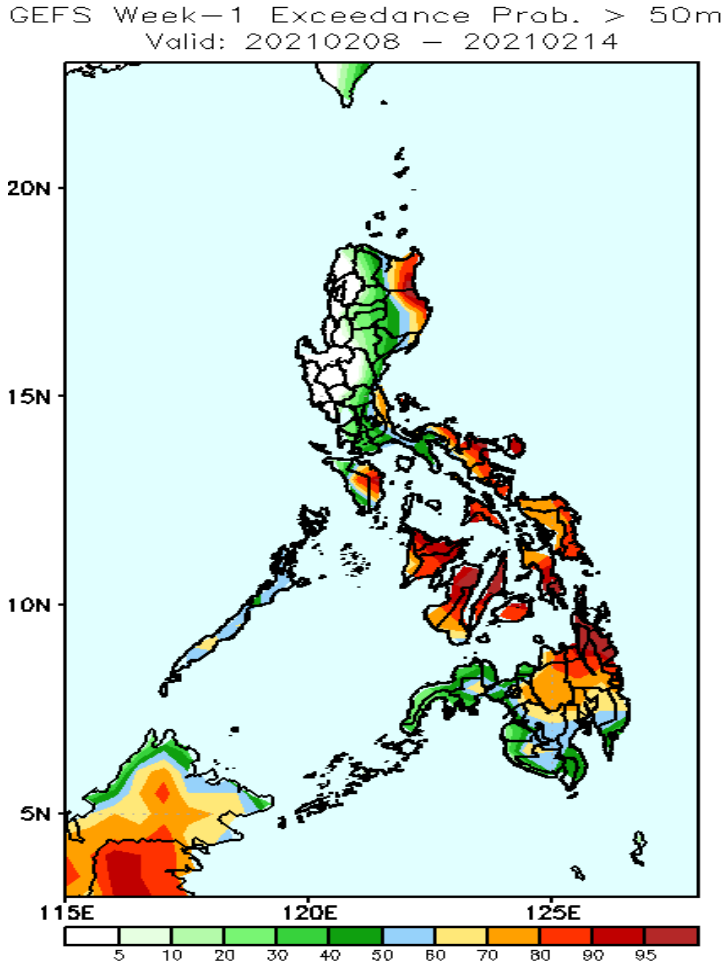
Week 1: February 8-14, 2021



Increase of rainfall of up to 80mm is expected in most parts of southern Luzon and Visayas while decrease of rainfall of 20-40mm in most parts of Northern Mindanao (except Bukidnon) and Zamboanga Peninsula.



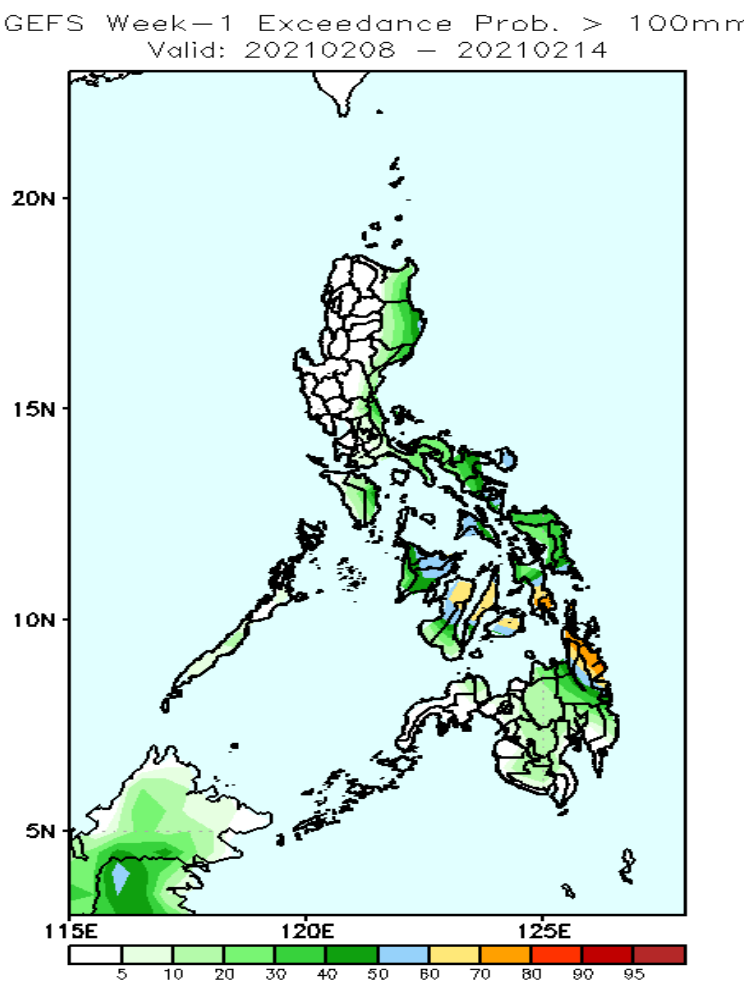
High probability of rainfall to exceed 25mm in most parts of the country except Ilocos region and most of Central Luzon (except Aurora) during the forecast period.



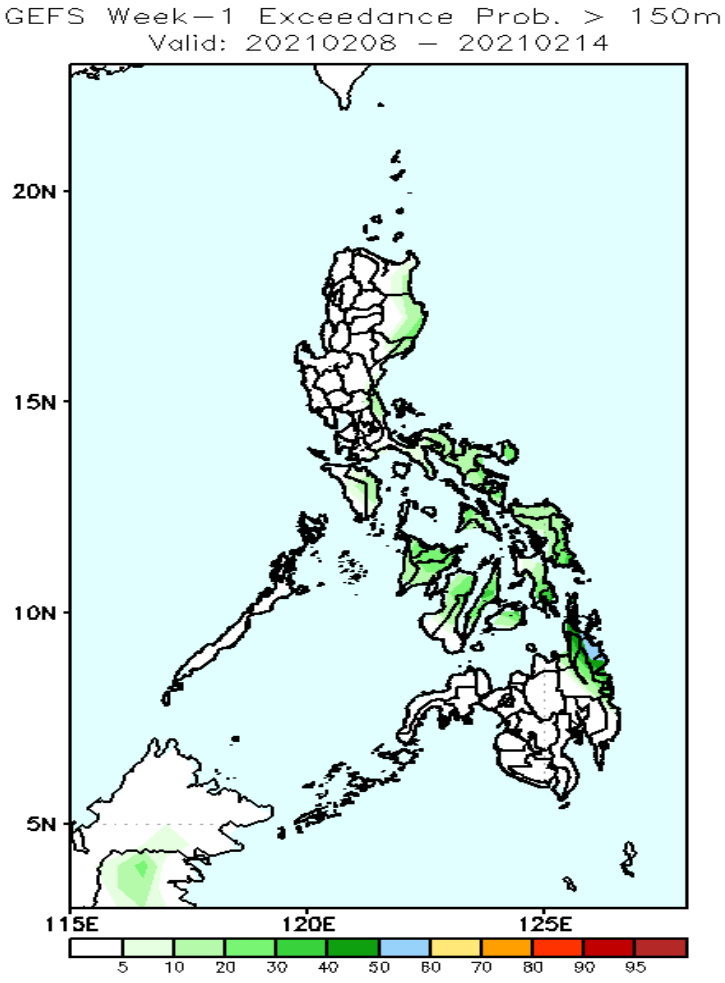
High probability of rainfall to exceed 50mm in Cagayan, Isabela, Bicol region, Mindoro provinces, most of Visayas, Northern Mindanao, CARAGA and some parts of Davao region while less likely for the rest of the country during the forecast period.

Exceedance Probability > 100/150/200 mm

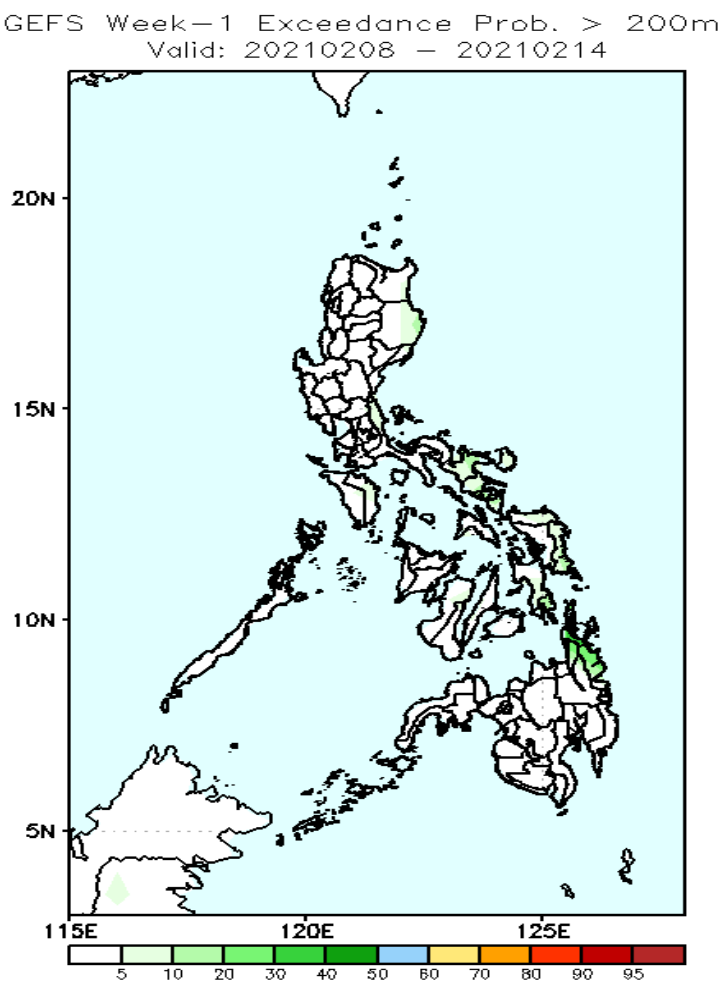
Week 1: February 8-14, 2021



Less probability of rainfall to exceed 100mm in most parts of the country except parts of Central Visayas and Surigao provinces during the forecast period.



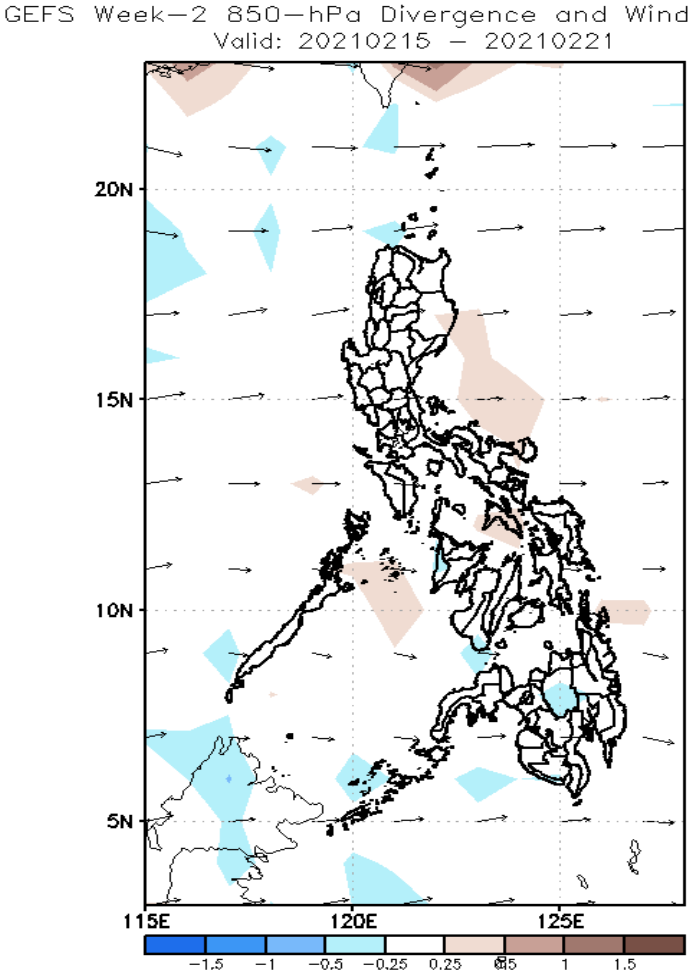
Less probability of rainfall to exceed 150mm in most parts of the country during the forecast period.

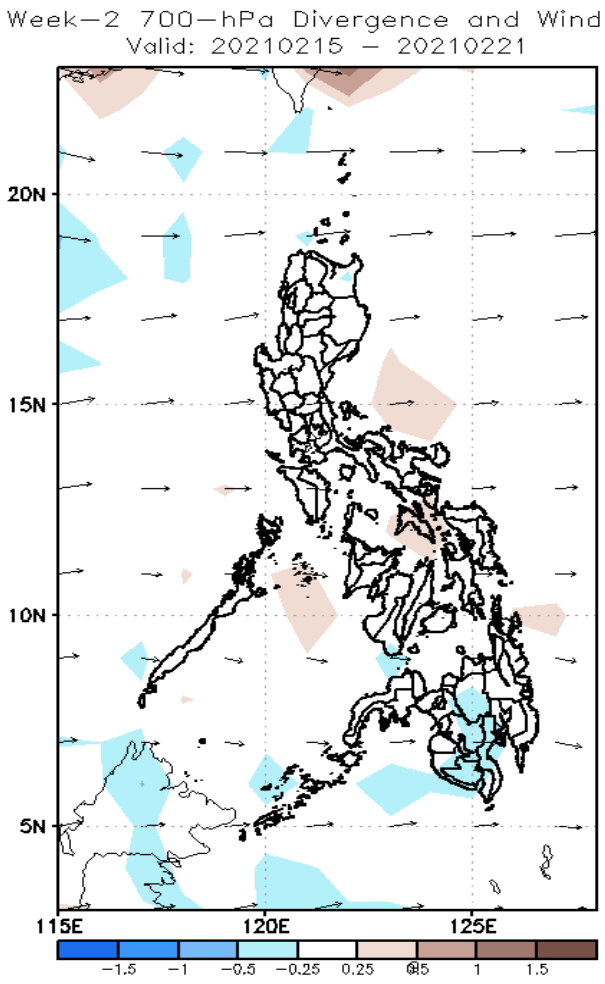


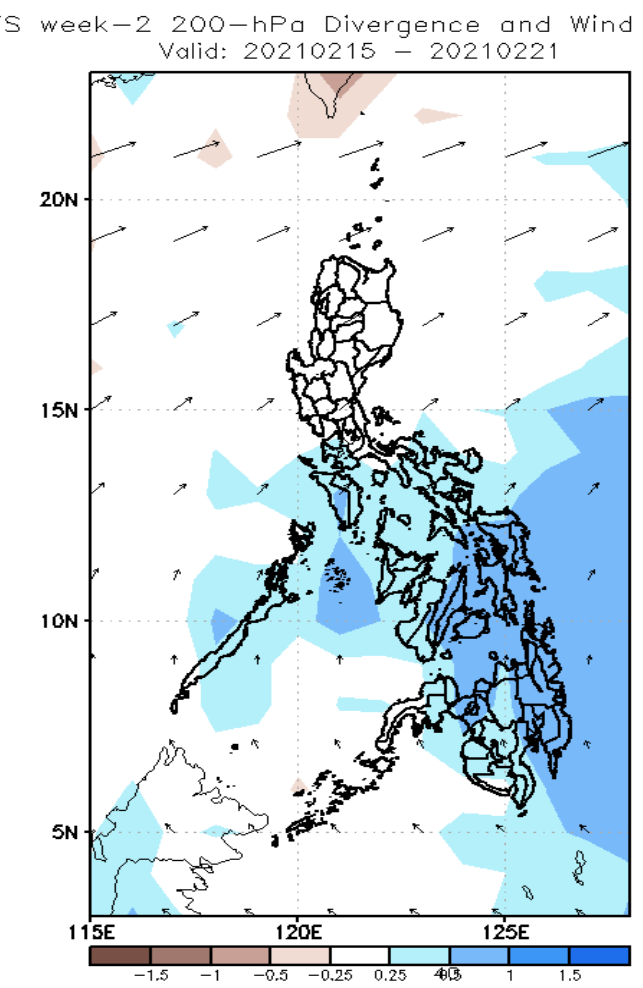
Less probability of rainfall to exceed 200mm in most parts of the country during the forecast period.

GEFS Week-2 Forecasts: Divergence & Wind Anomaly

Week 2: February 15-21, 2021



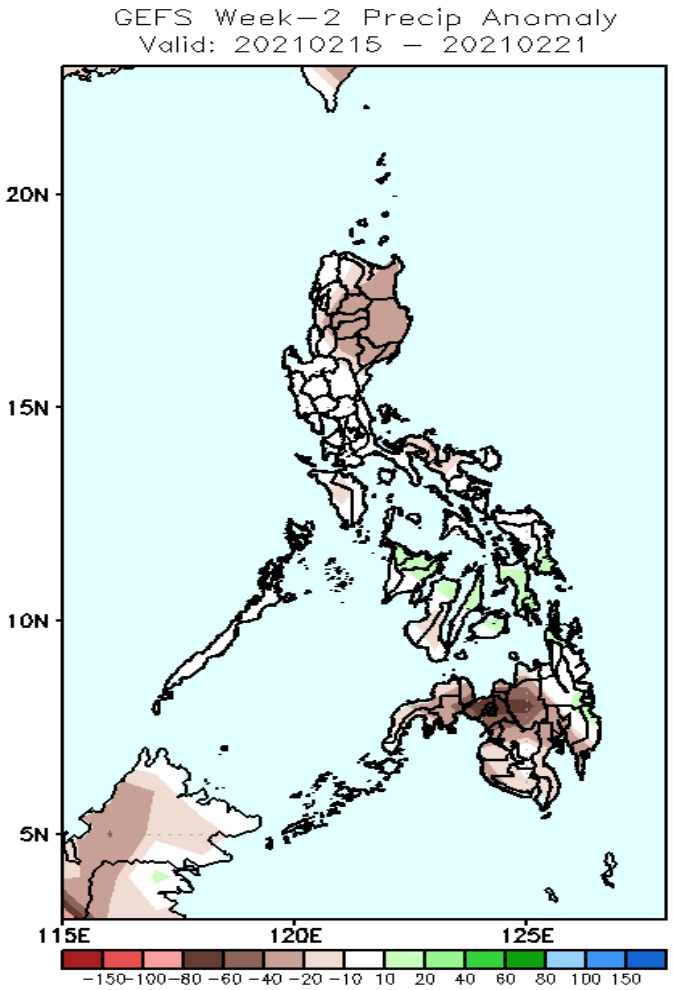




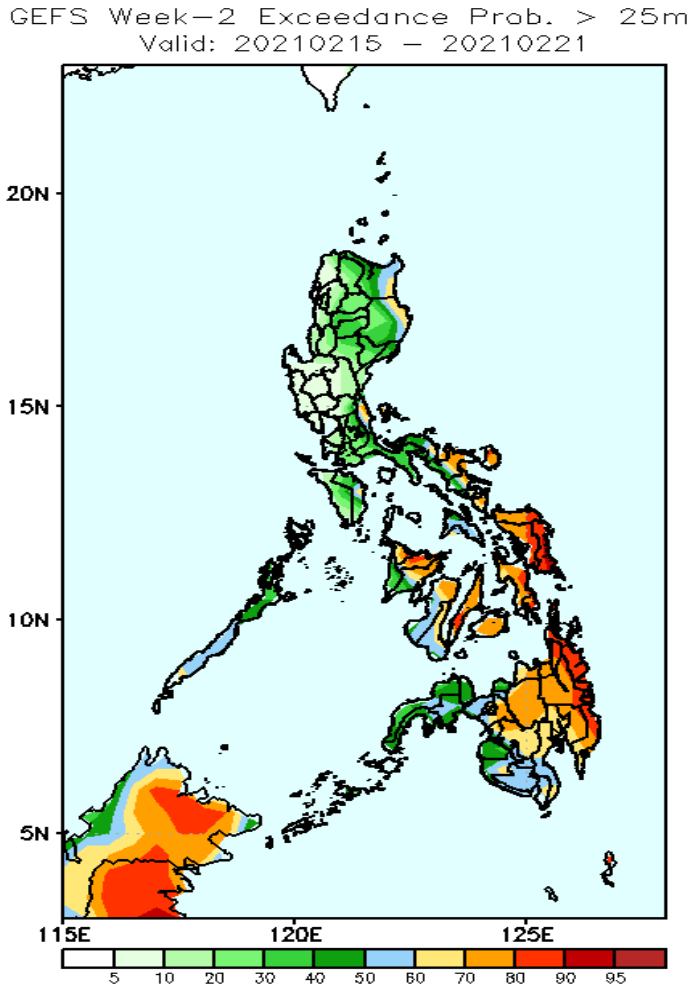
Upper and low level Divergence suggest likelihood of precipitation in most parts of Visayas and Mindanao. Northeast Monsoon affecting Northern and Extreme Northern Luzon while Easterlies affecting most parts of the country during the forecast period.

Precipitation Anomaly and Exceedance Probability > 25/50 mm

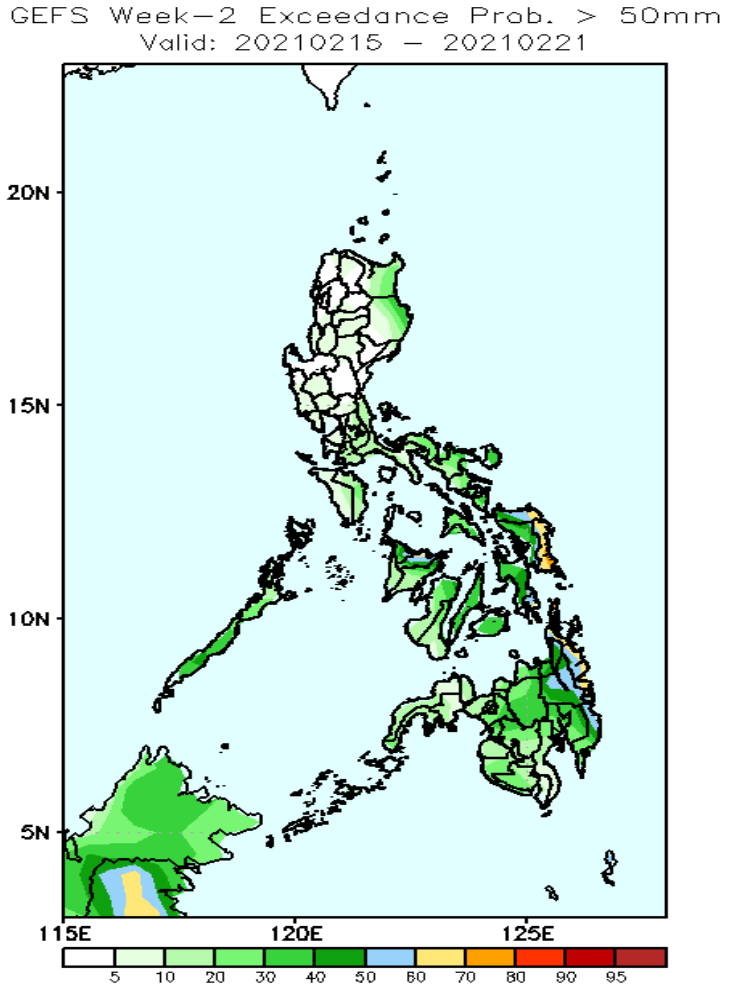
Week 2: February 15-21, 2021



Rainfall deficit of 40-80mm is expected in most parts of Cagayan Valley, Cordillera Region, Northern Mindanao and Zamboanga Peninsula.



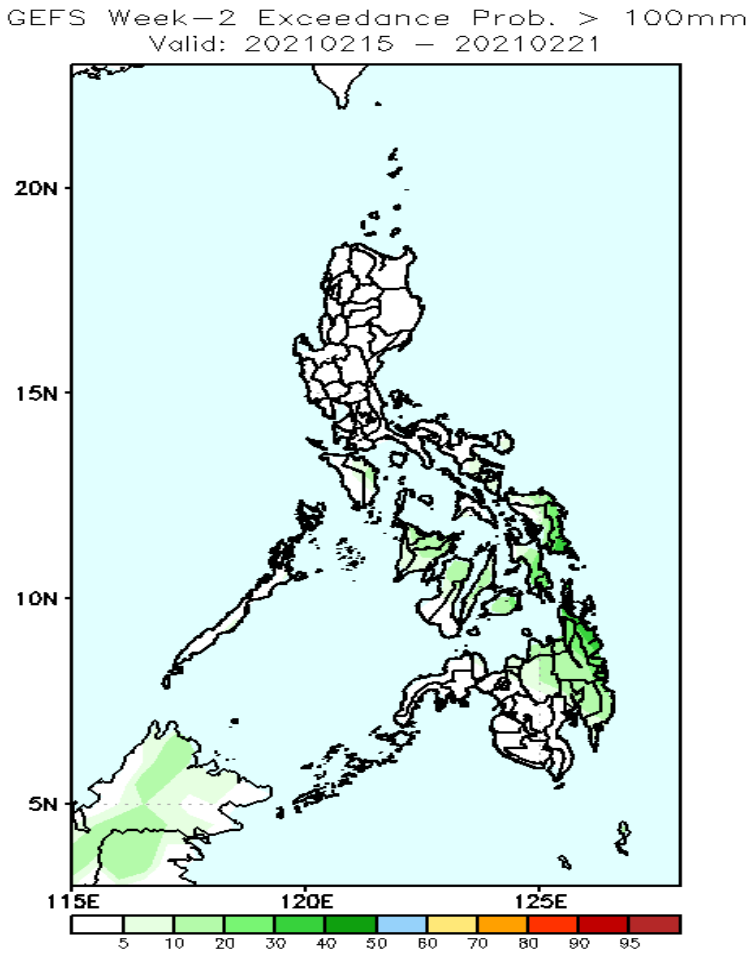
High probability of rainfall to exceed 25mm in most parts of Bicol region(except Camarines Norte), most of Visayas, Northern Mindanao, CARAGA, Davao region and parts of SOCSARGEN while less likely during the forecast period.



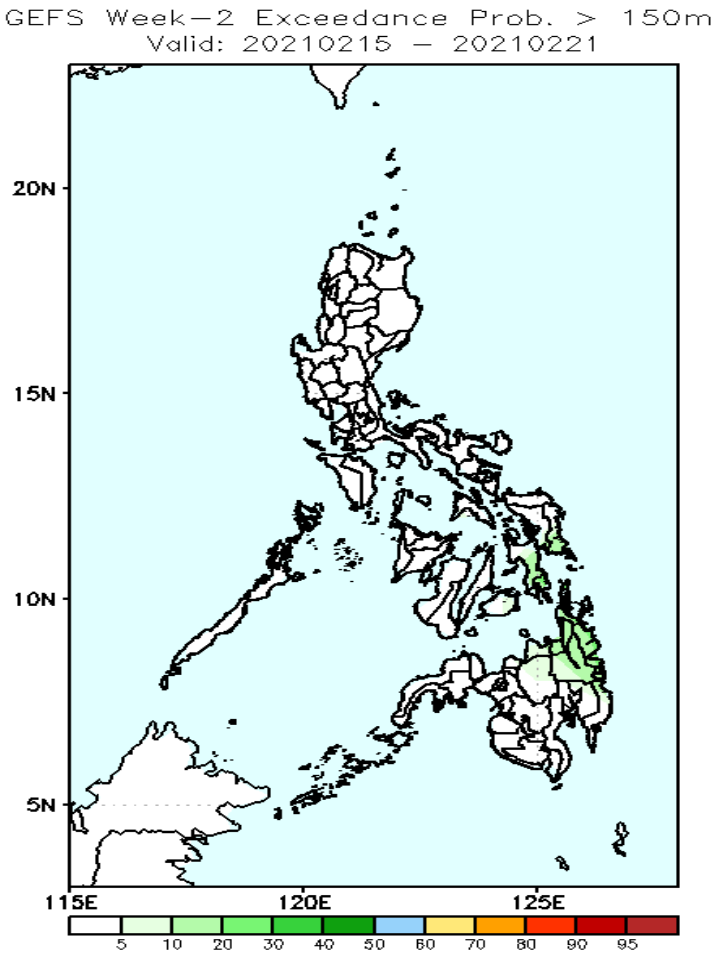
Less probability of rainfall to exceed 50mm in most parts of the country except Eastern Samar during the forecast period.

Exceedance Probability > 100/150/200 mm

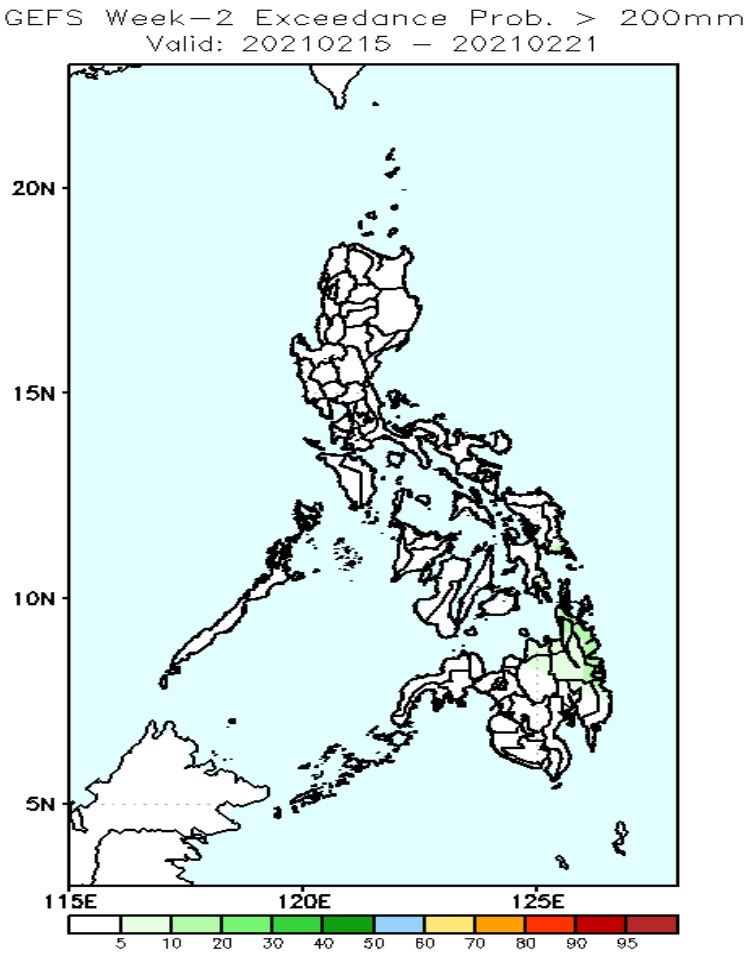
Week 2: February 15-21, 2021



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

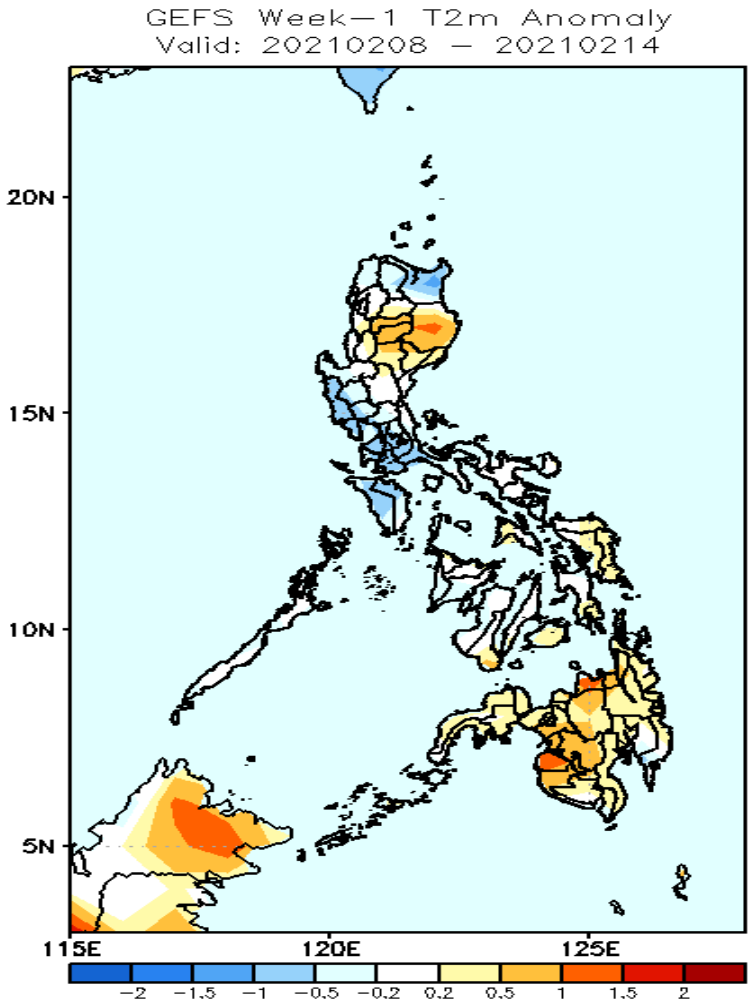


Less probability of rainfall to exceed 150mm in most parts of the country during the forecast period.



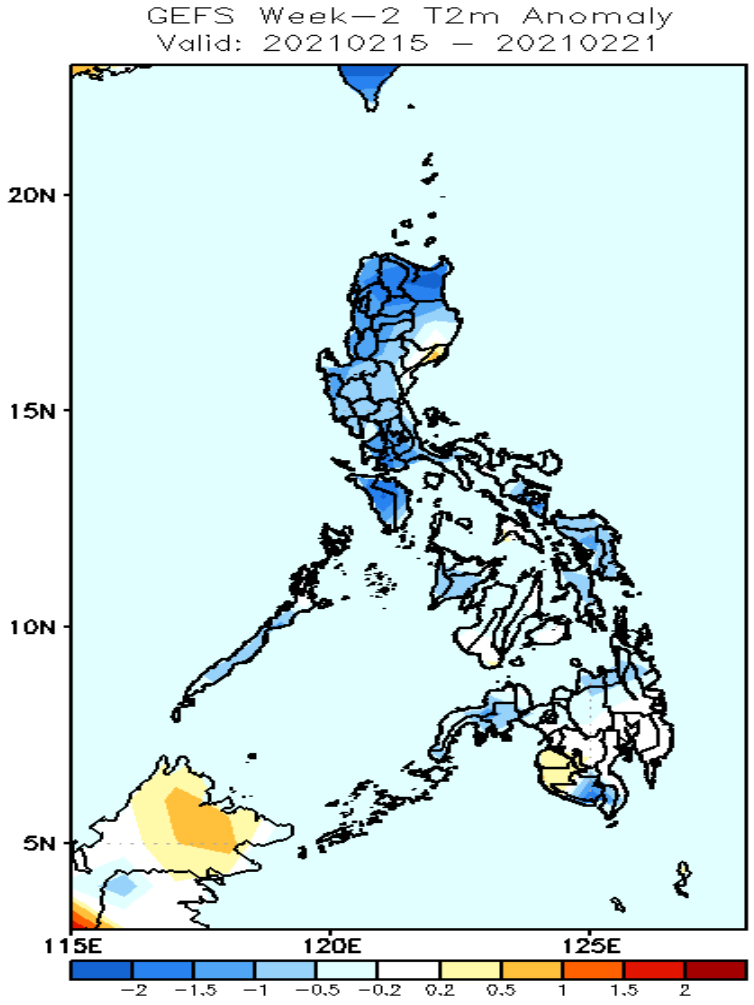
Less probability of rainfall to exceed 200mm in most parts of the country during the forecast period.

GEFS Week-1 & 2 Forecasts: T2m Anomaly



2m Temperature Week 1: February 8-14, 2021

Slightly warmer to warmer than average surface air temperature is expected in most parts of Cagayan Valley, Isabela and most parts of Mindanao while average to slightly cooler than average temperature for the rest of the country



2m Temperature Week 2: February 15-21, 2021

Cooler than average surface air temperature is expected in most parts of Luzon and Visayas while average to slightly cooler than average surface air temperature in Mindanao.