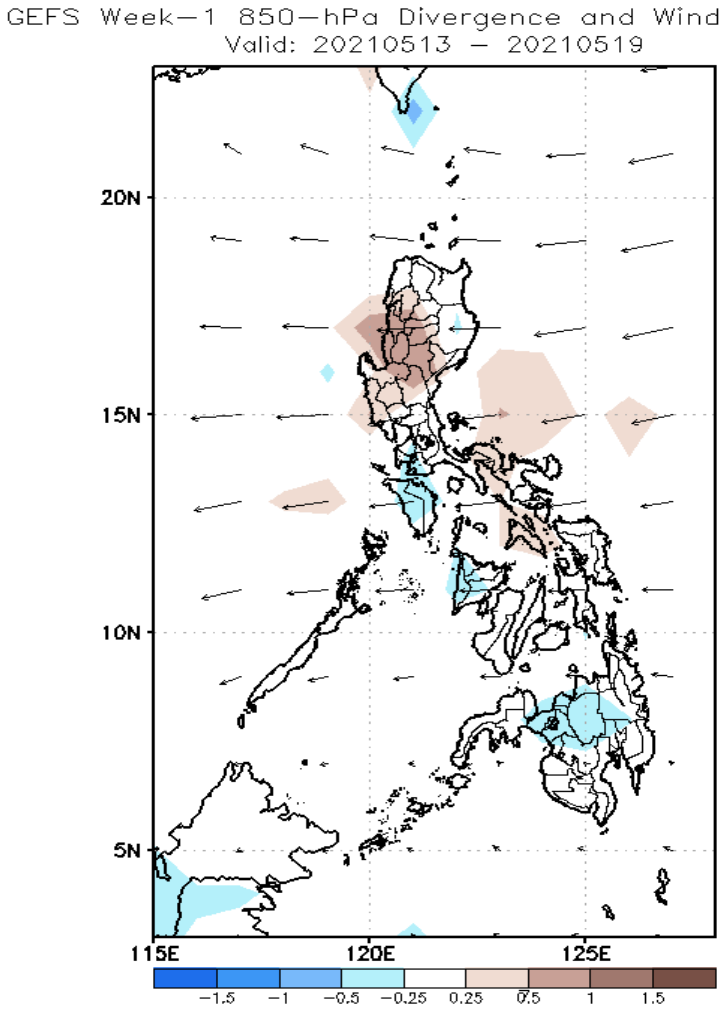
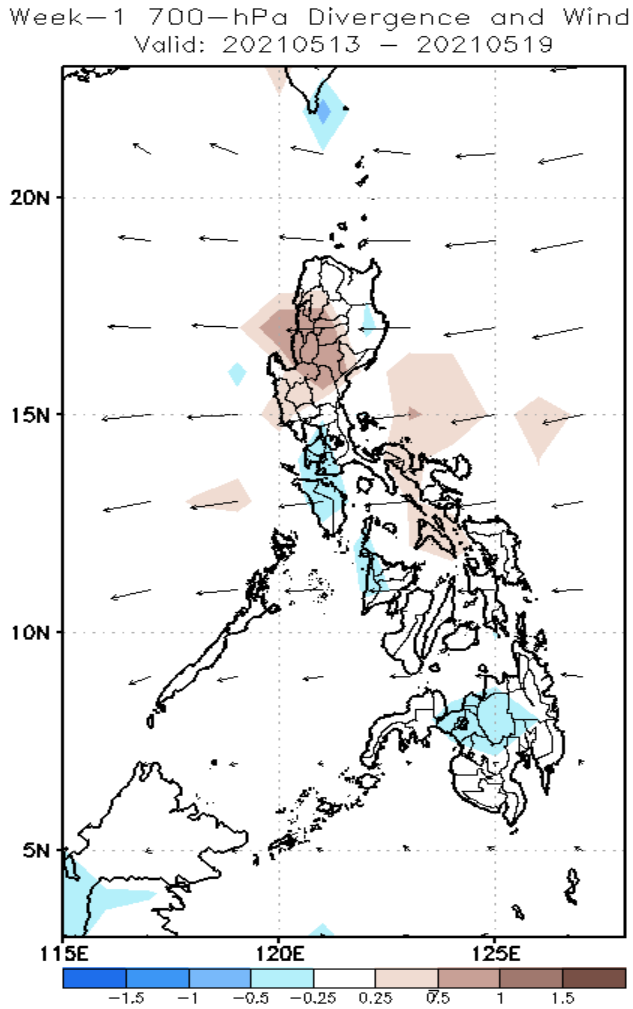
Week 1 & Week 2 Forecast for the Philippines **using GEFS Model**

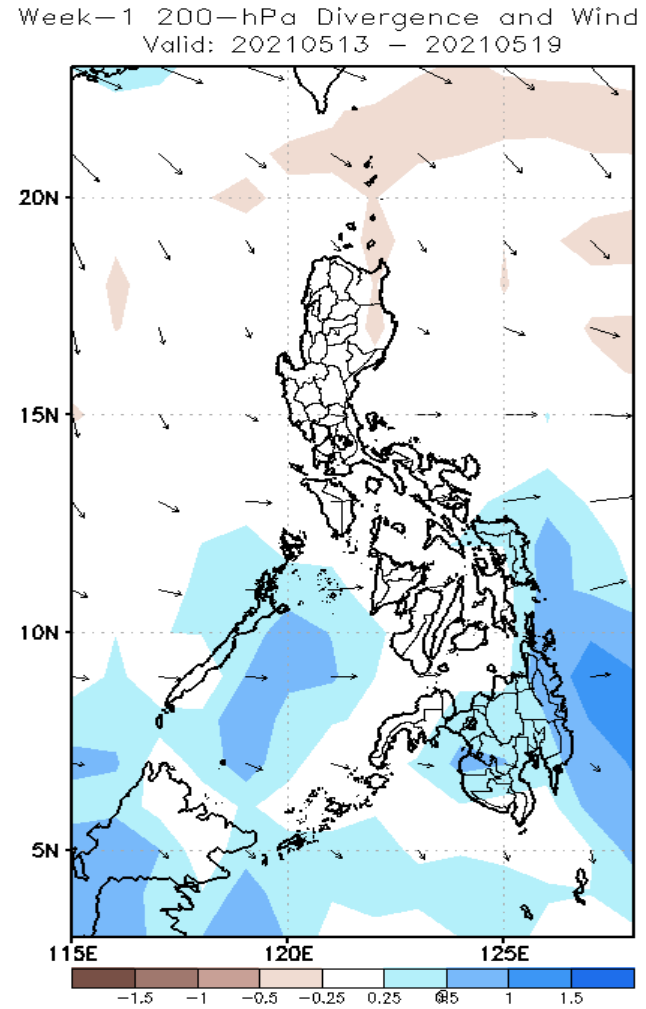
DOST PAGASA
The Weather and Climate Authority

GEFS Week-1 Forecasts: Divergence & Wind Anomaly

Week 1: May 13-19, 2021



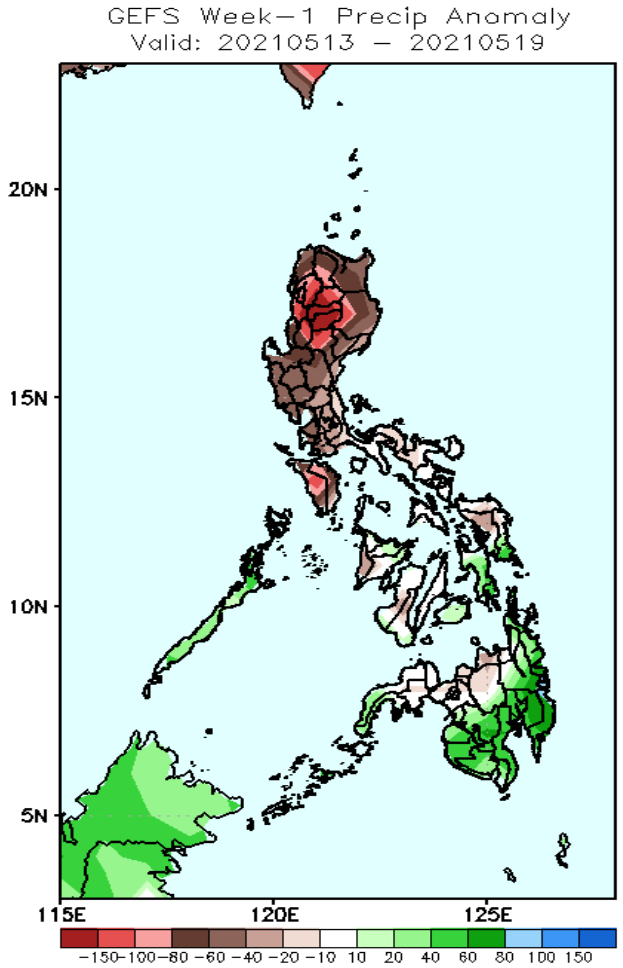




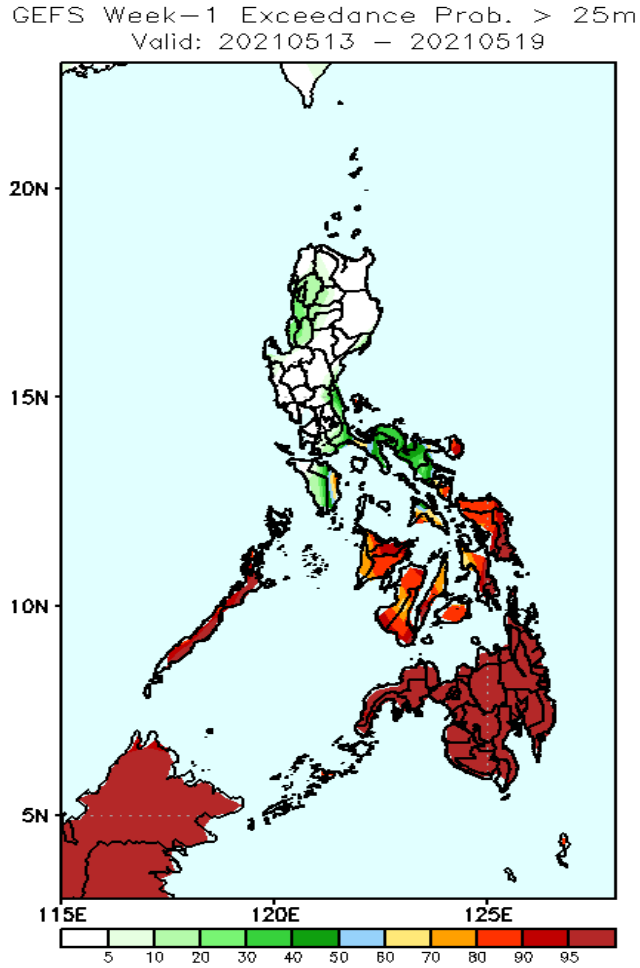
Upper and low level Divergence suggest likelihood of precipitation in eastern parts of Visayas and most parts of Mindanao. Easterlies affecting most parts of the country attributing to warmer temperatures and higher heat index during the forecast period.

Precipitation Anomaly and Exceedance Probability > 25/50 mm

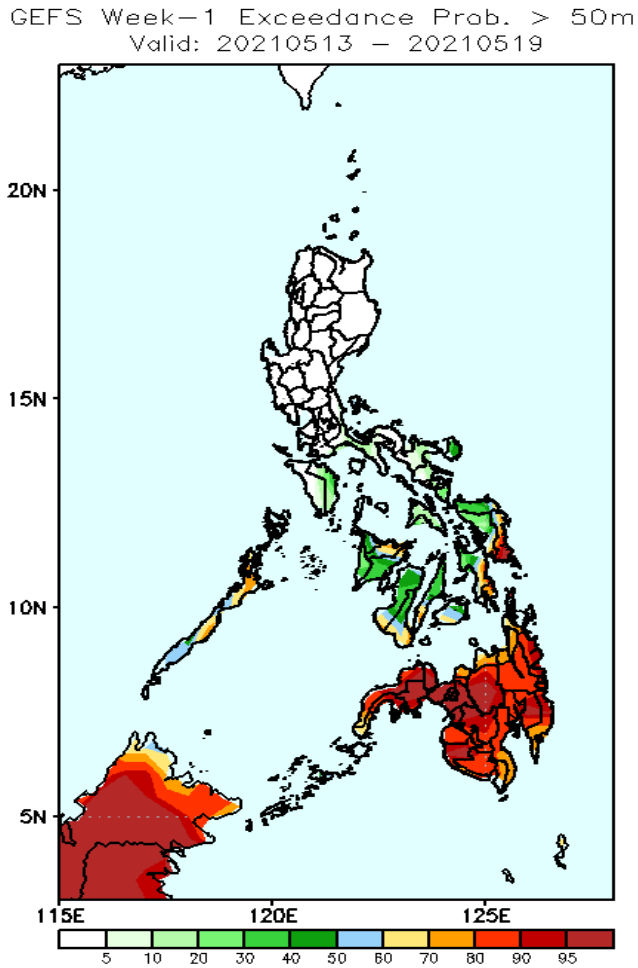
Week 1: May 13-19, 2021



Rainfall deficit of 60-150mm is expected in most parts Luzon especially in Cordillera, Ilocos Region and Mindoro while increase of rainfall of 40-80mm is more likely in southern Visayas and most parts of Mindanao during the forecast period.



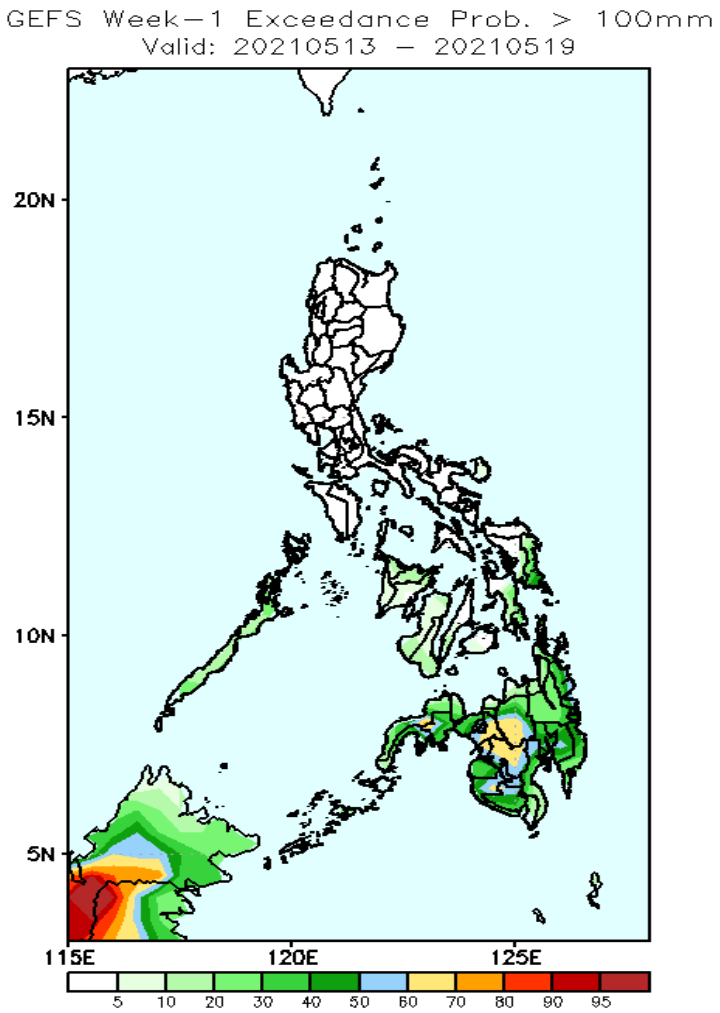
High probability of rainfall to exceed 25mm in most parts of Visayas and Mindanao while less likely for the rest of the country during the forecast period.



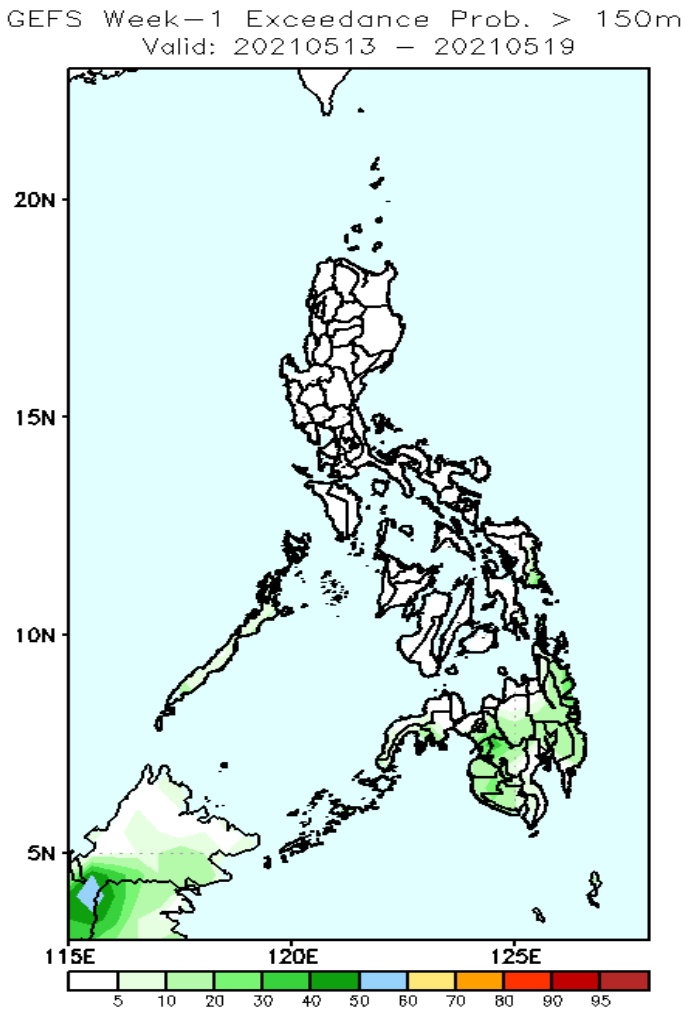
High probability of rainfall to exceed 50mm in Eastern Samar, Southern Leyte and most parts of Mindanao while less likely for the rest of the country during the forecast period.

Exceedance Probability > 100/150/200 mm

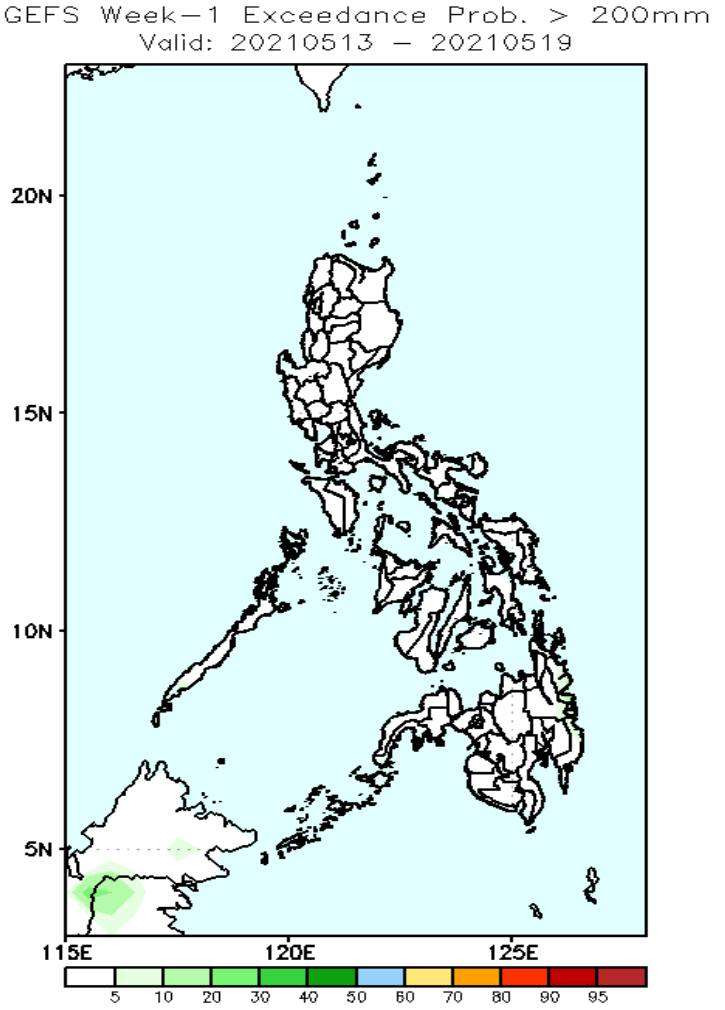
Week 1: May 13-19, 2021



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



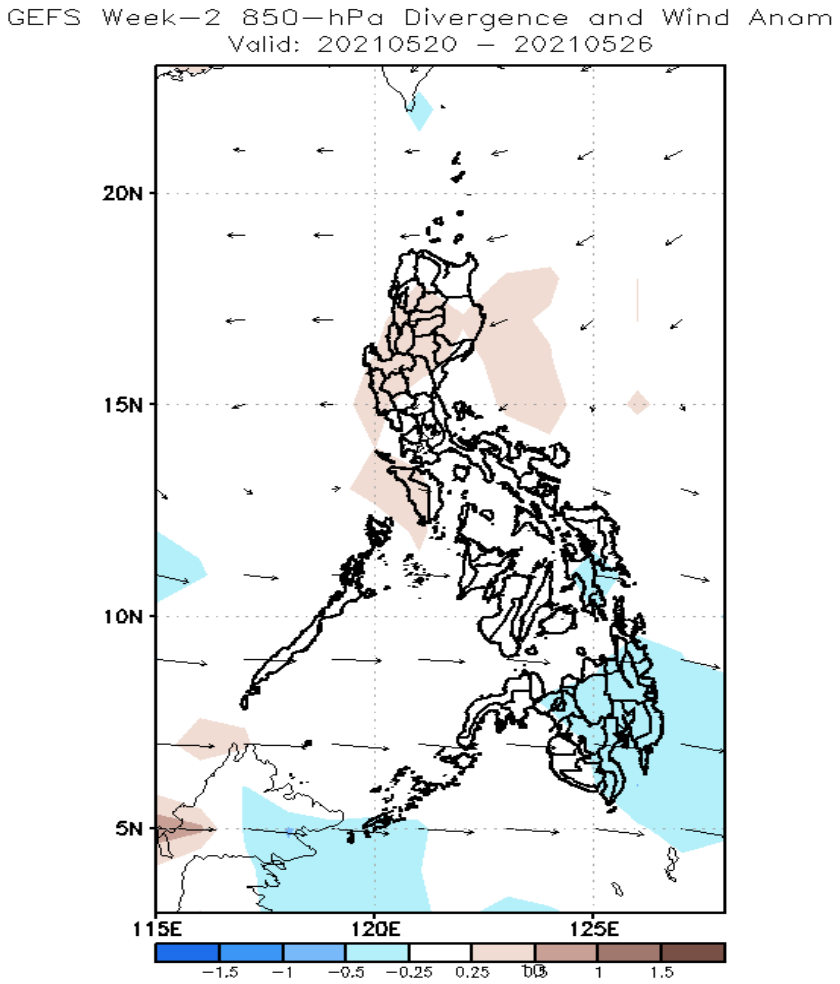
Less probability of rainfall to exceed 150mm in most parts of the country during the forecast period.

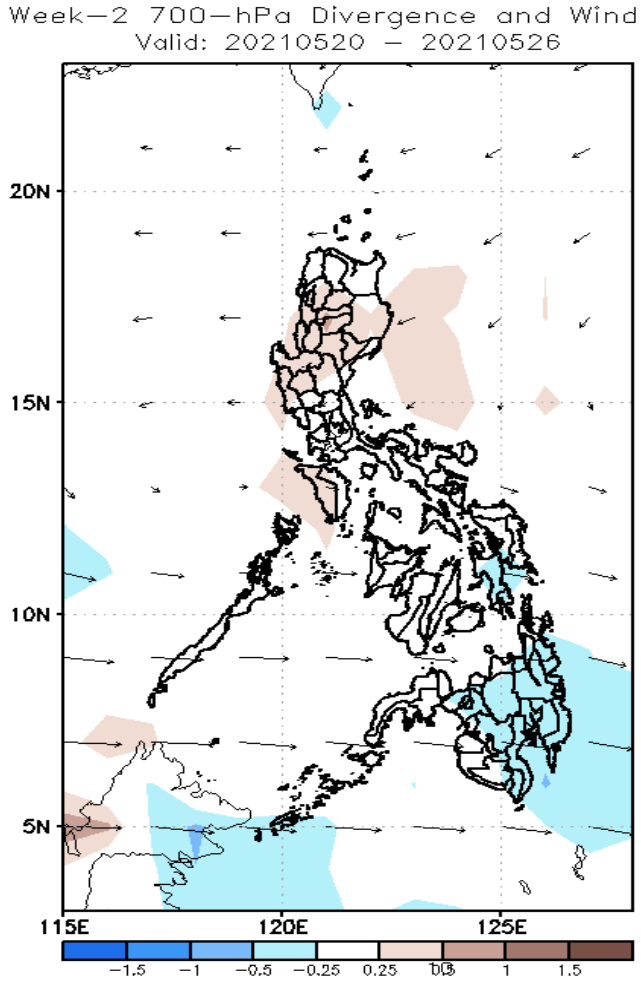


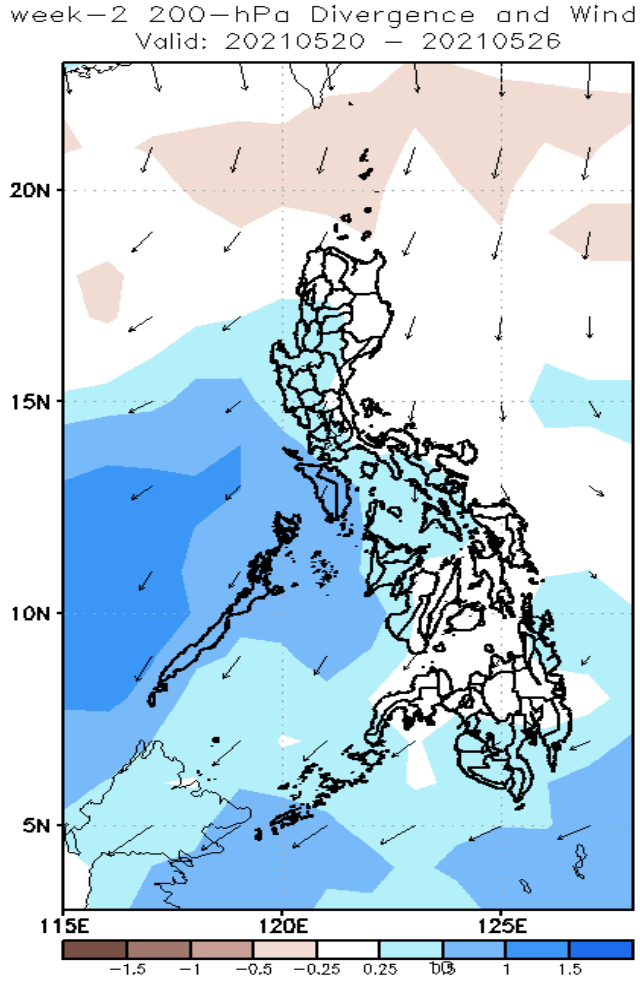
Less probability of rainfall to exceed 200mm in most parts of the country during the forecast period.

GEFS Week-2 Forecasts: Divergence & Wind Anomaly

Week 2: May 20-26, 2021



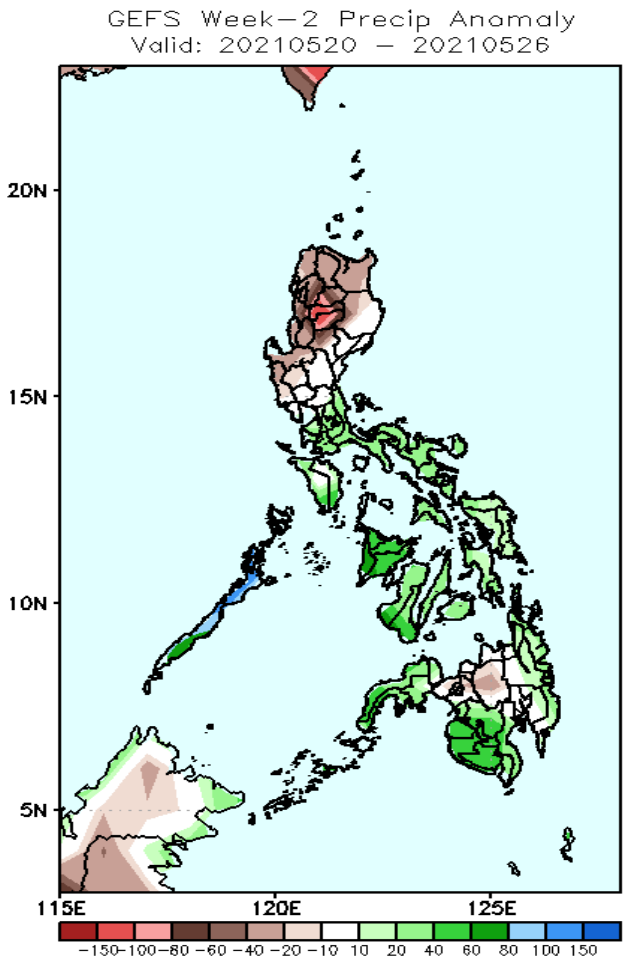




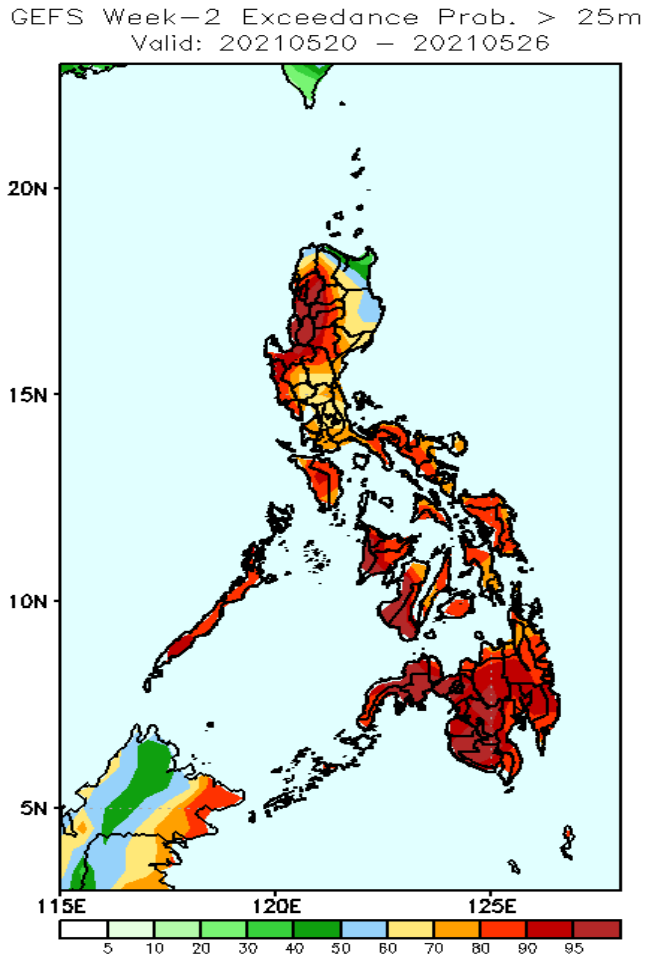
Upper and low level Divergence suggest likelihood of precipitation in most parts of the country. Easterlies affecting most parts of the country attributing to warmer temperatures and higher heat index during the forecast period.

Precipitation Anomaly and Exceedance Probability > 25/50 mm

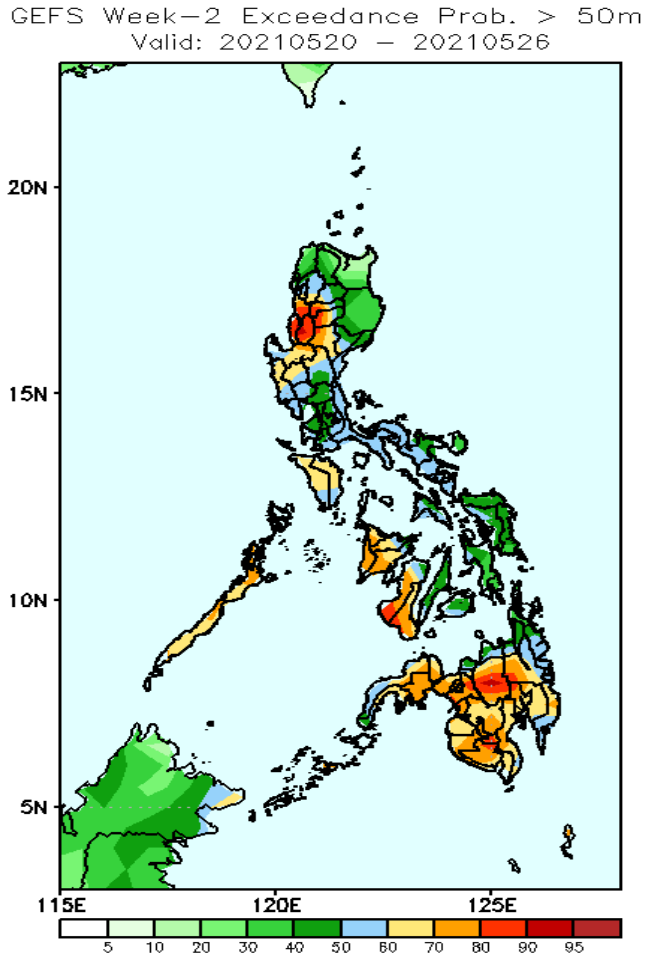
Week 2: May 20-26, 2021



Rainfall deficit of 40-150mm is expected in most parts of northern and western Luzon while increase of rainfall 40-80mm for the rest of the country during the forecast period.



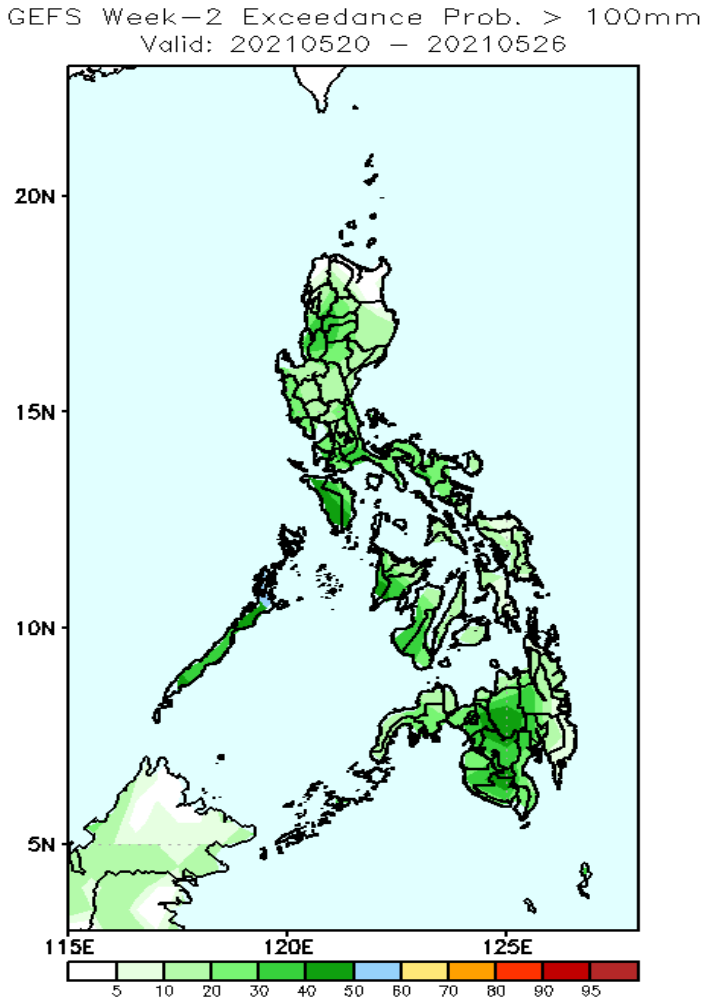
High probability of rainfall to exceed 25mm in most parts of the country during the forecast period.



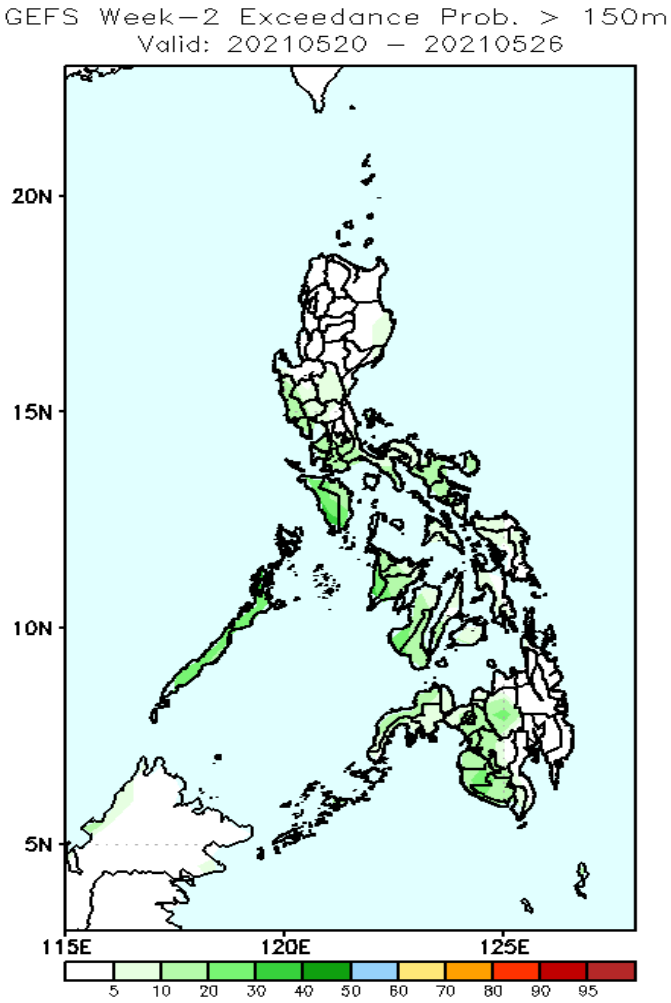
High probability of rainfall to exceed 50mm in most parts Cordillera & Ilocos Region, Mindoro, Palawan, western Visayas and most parts of Mindanao while less likely for the rest of the country during the forecast period.

Exceedance Probability > 100/150/200 mm

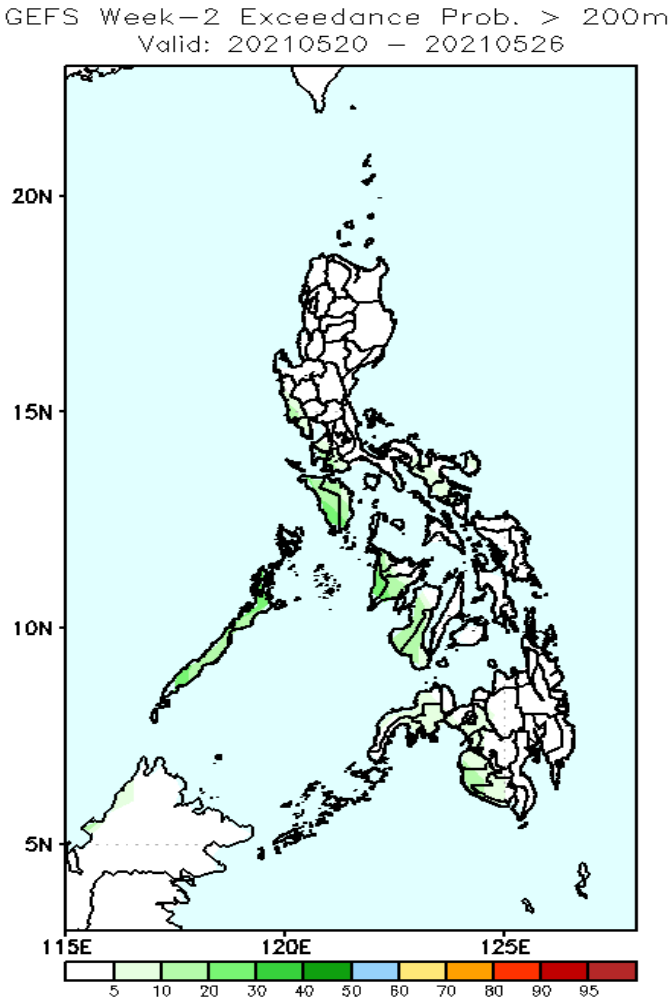
Week 2: May 20-26, 2021



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

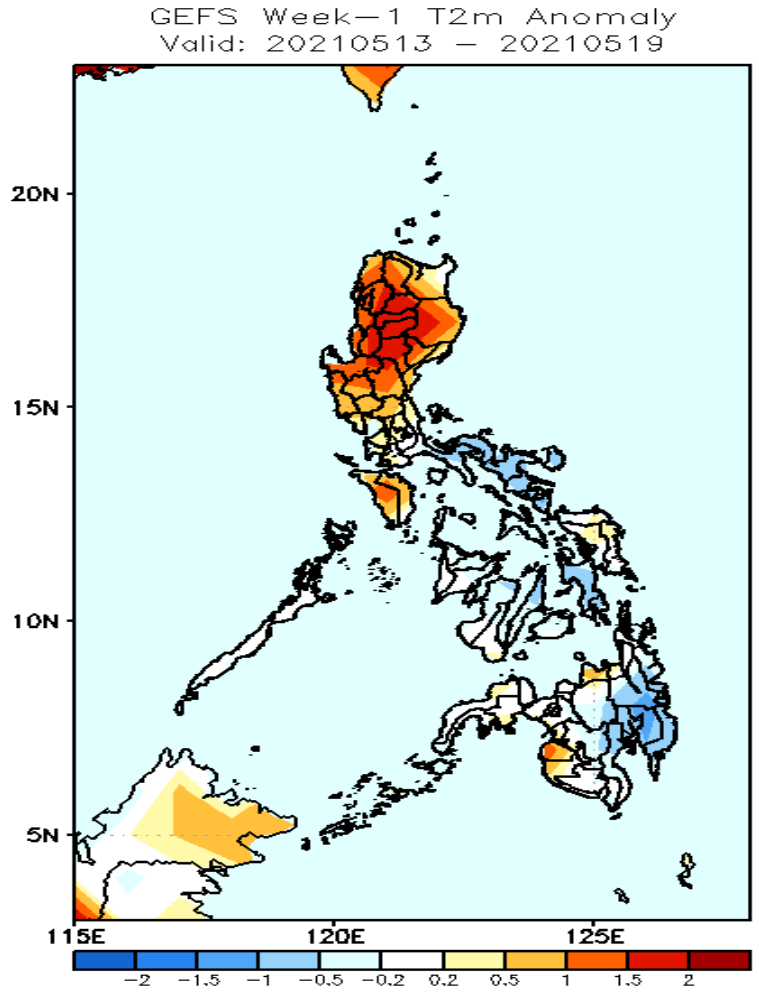


Less probability of rainfall to exceed 150mm in most parts of the country during the forecast period.



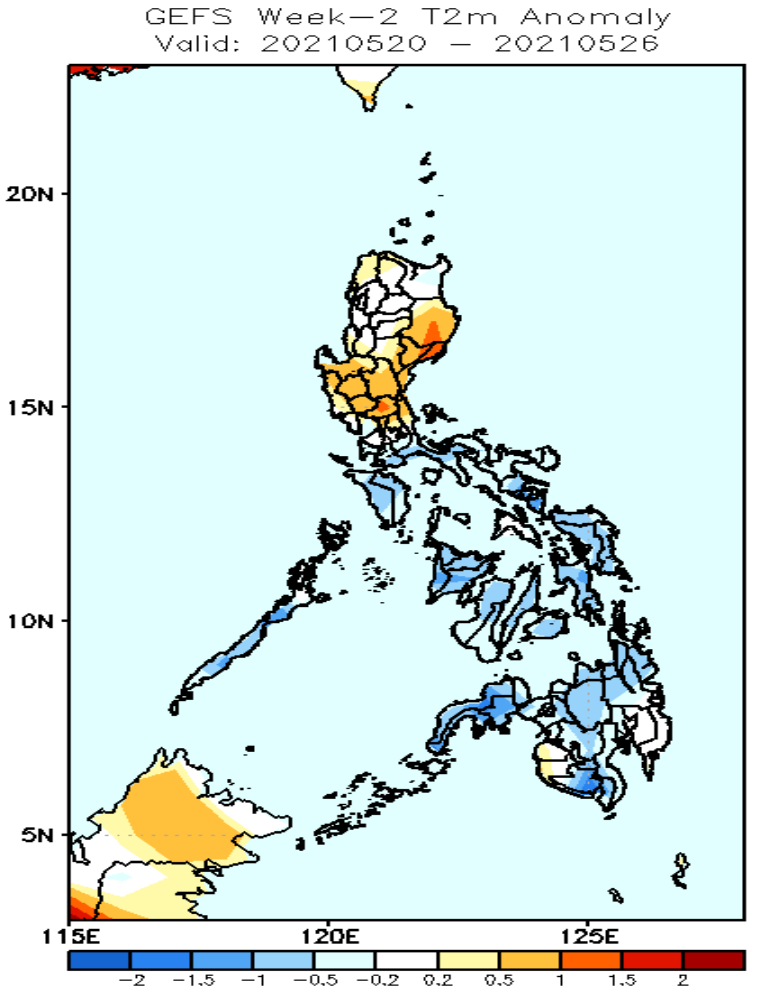
Less probability of rainfall to exceed 200mm in most parts of the country during the forecast period.

GEFS Week-1 & 2 Forecasts: T2m Anomaly



2m Temperature Week 1: May 13-19, 2021

Warmer than average surface air temperature will likely experience in most parts of Luzon while average to slightly cooler than average for the rest of the country during the forecast period.



2m Temperature Week 2: May 20-26, 2021

Slightly warmer to warmer than average surface air temperature will likely experience in most parts of Cagayan valley and Central Luzon while slightly cooler to cooler than average temperature for the rest of the country during the forecast period.