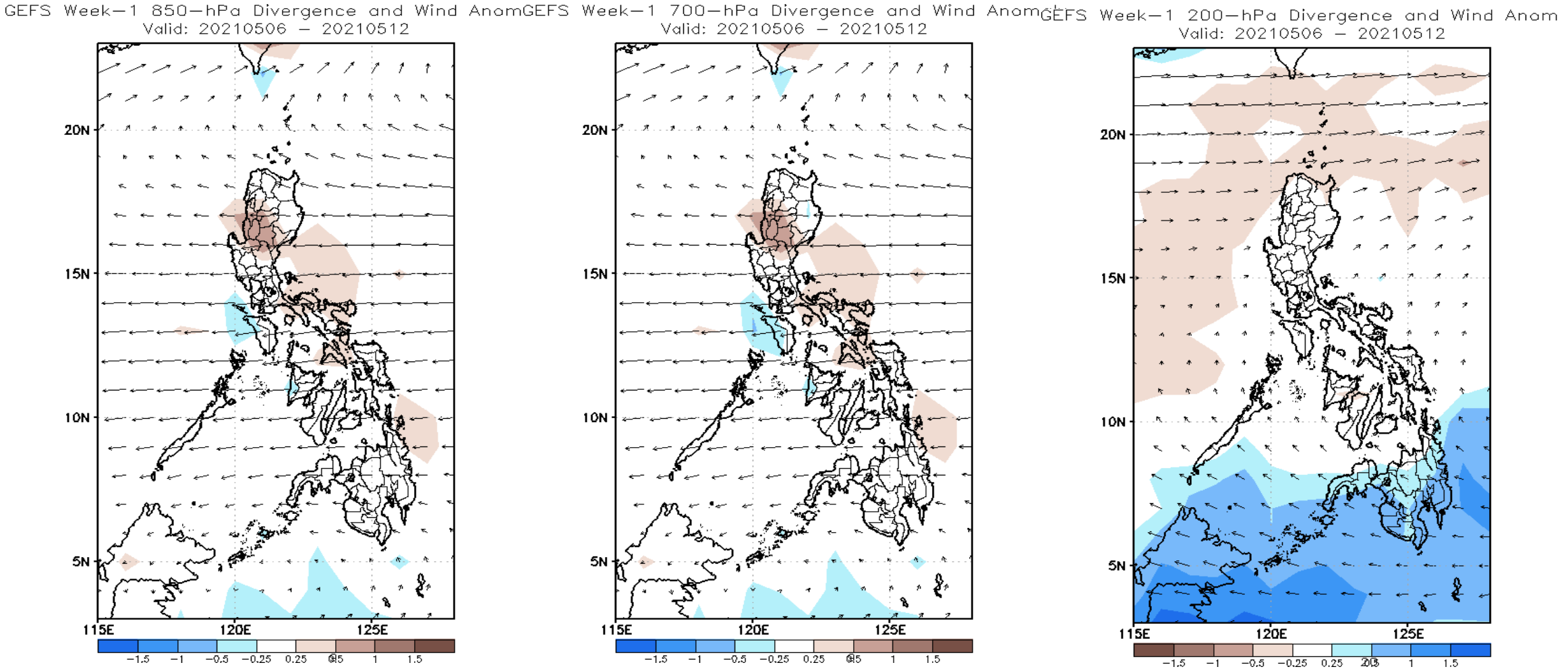
Week 1 & Week 2 Forecast for the Philippines **using GEFS Model**

DOST PAGASA
The Weather and Climate Authority

GEFS Week-1 Forecasts: Divergence & Wind Anomaly

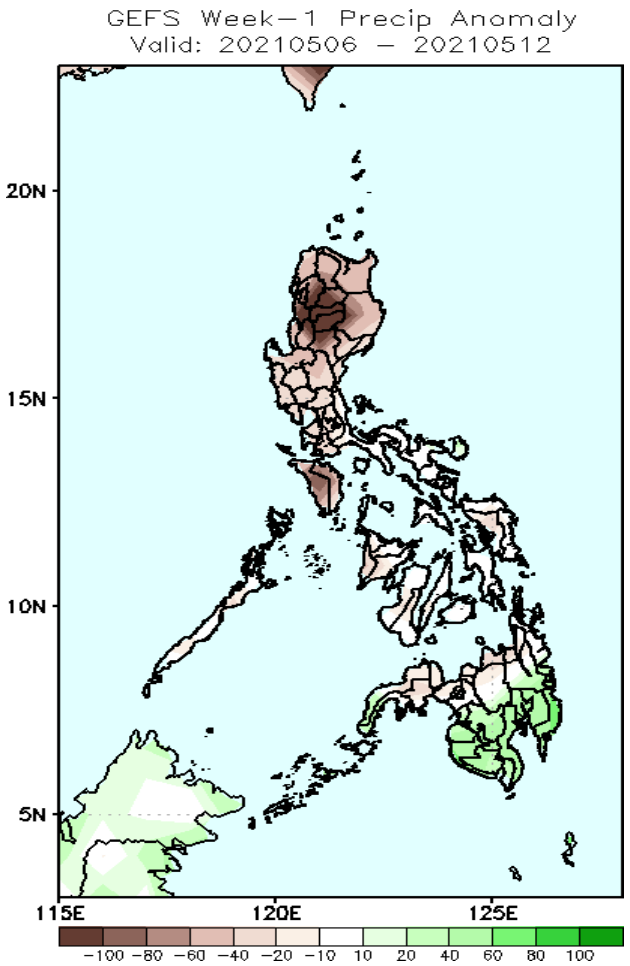
Week 1: May 06-12, 2021



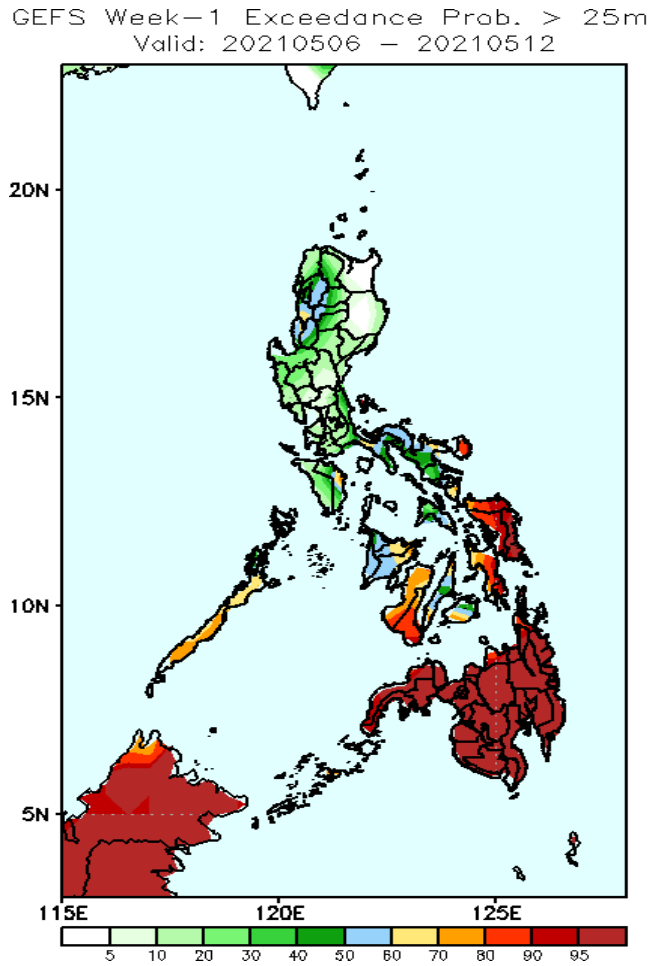
Upper and low level Divergence suggest likelihood of precipitation in most parts of Mindanao. Easterlies affecting most parts of the country attributing to warmer temperatures and higher heat index during the forecast period.

Precipitation Anomaly and Exceedance Probability > 25/50 mm

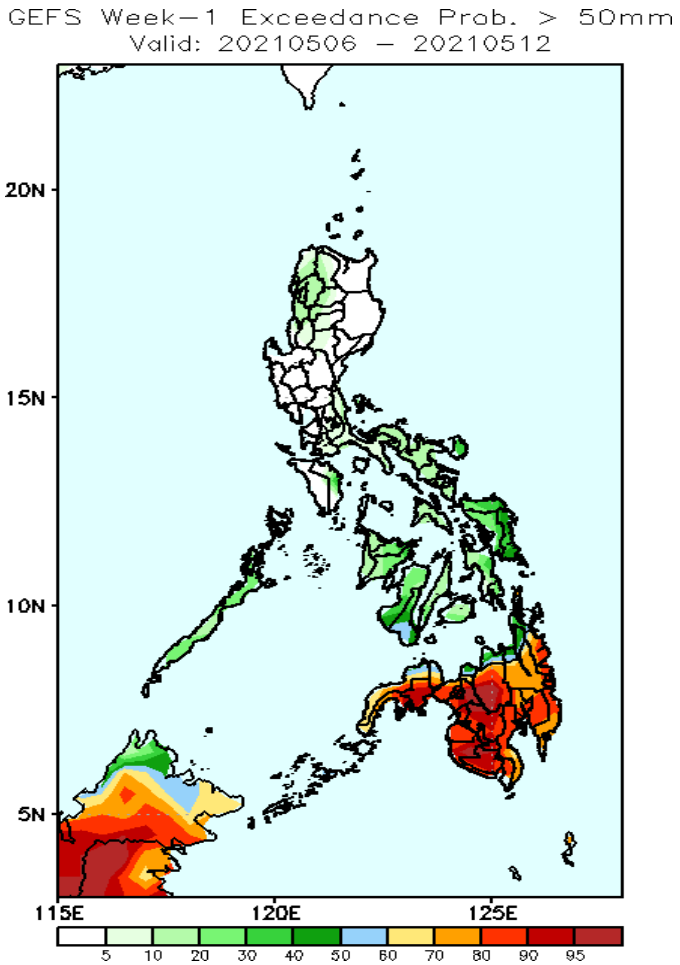
Week 1: May 06-12, 2021



Rainfall deficit of more than 100mm is expected in most parts Cordillera & Ilocos Region & Mindoro while increase of rainfall of up to 80mm is more likely in southern half of Mindanao during the forecast period.



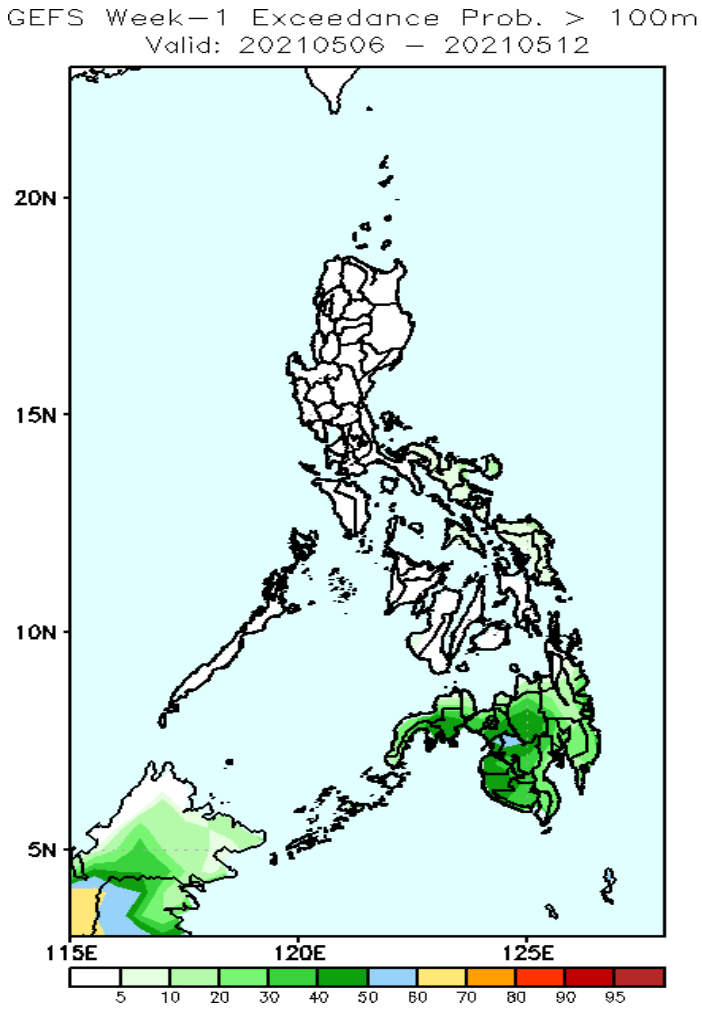
High probability of rainfall to exceed 50mm in Catanduanes, Eastern Visayas, Negros Island and most parts of Mindanao while less likely for the rest of the country during the forecast period.



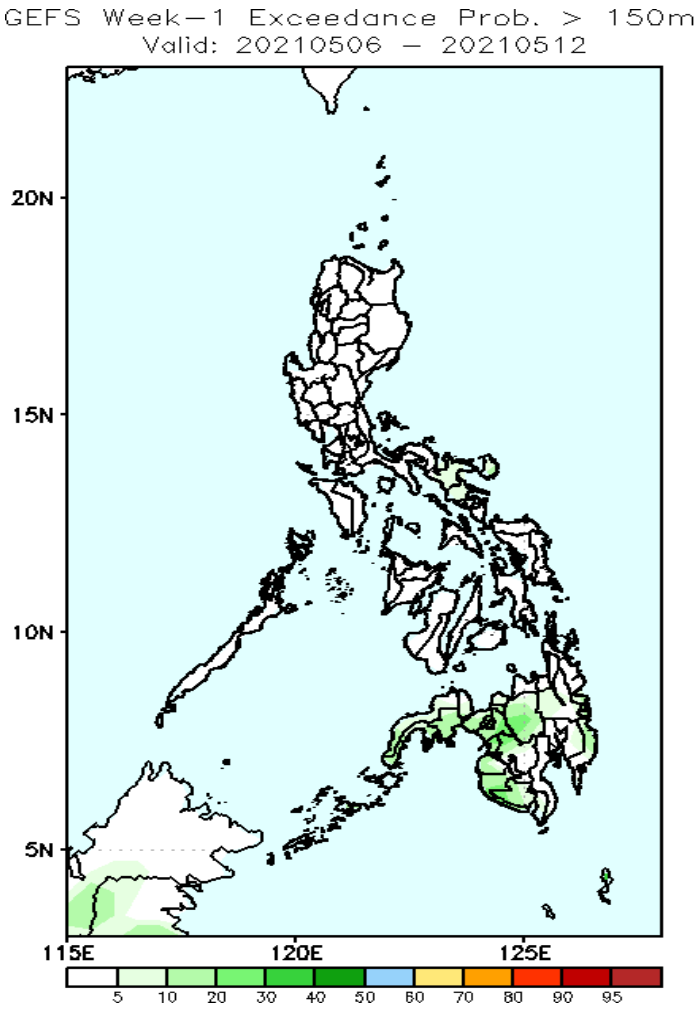
High probability of rainfall to exceed 100mm in most parts of Mindanao while less likely for the rest of the country during the forecast period.

Exceedance Probability > 100/150/200 mm

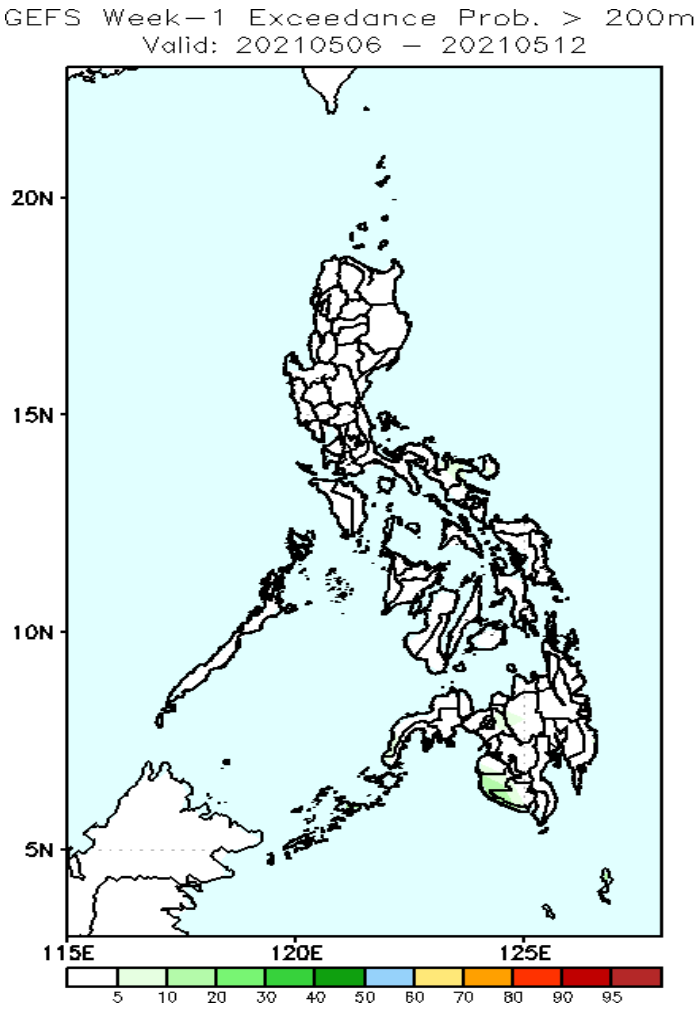
Week 1: May 06-12, 2021



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



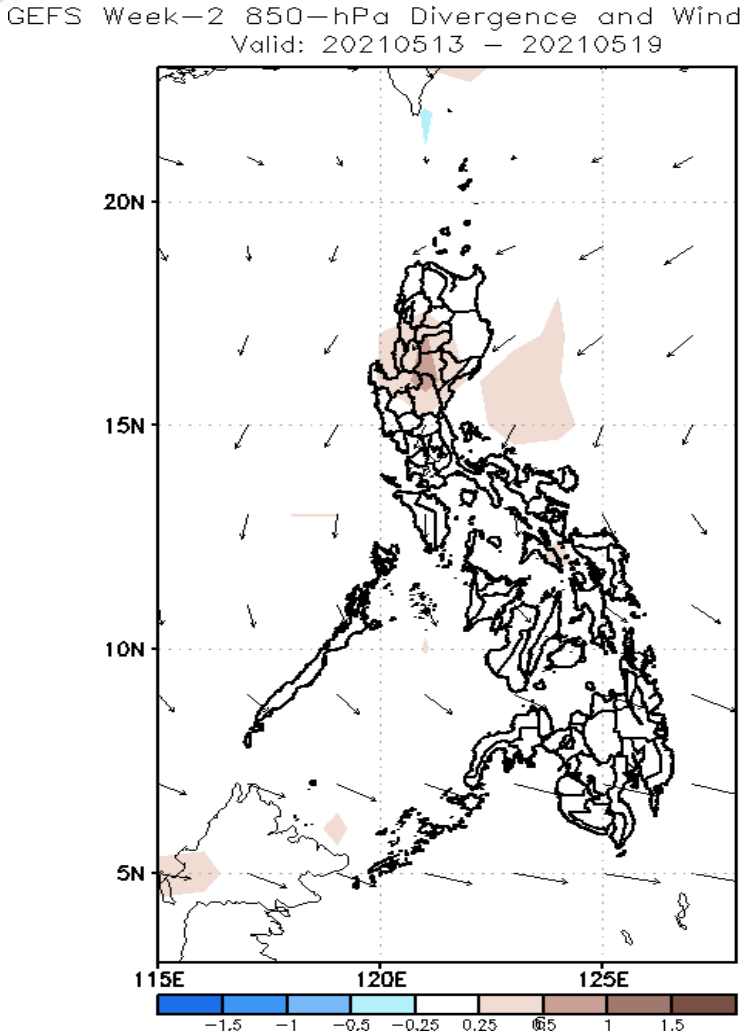
Less probability of rainfall to exceed 150mm in most parts of the country during the forecast period.

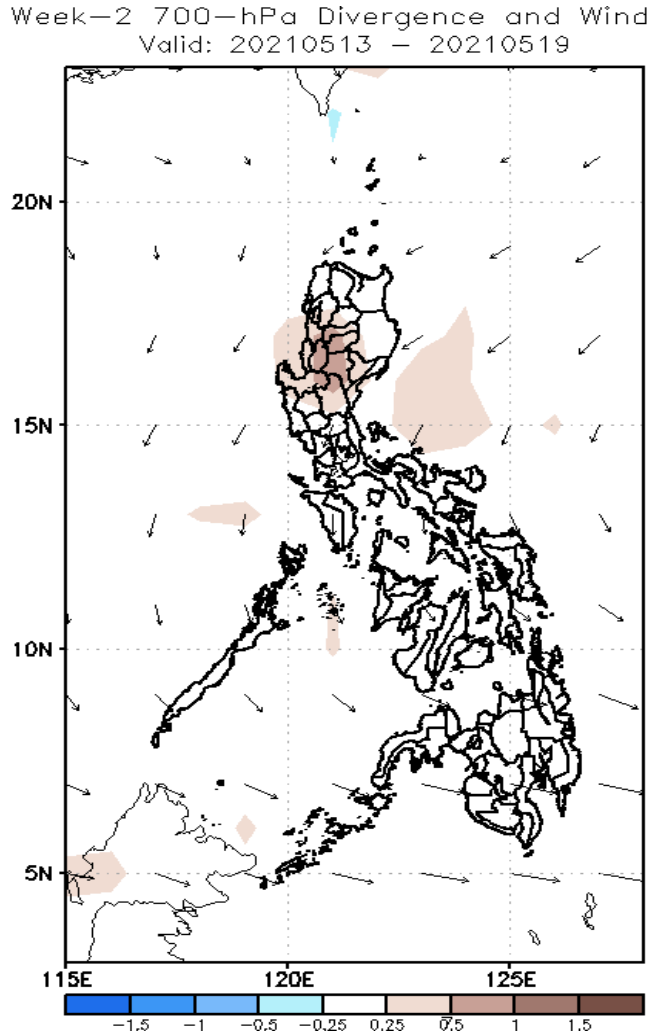


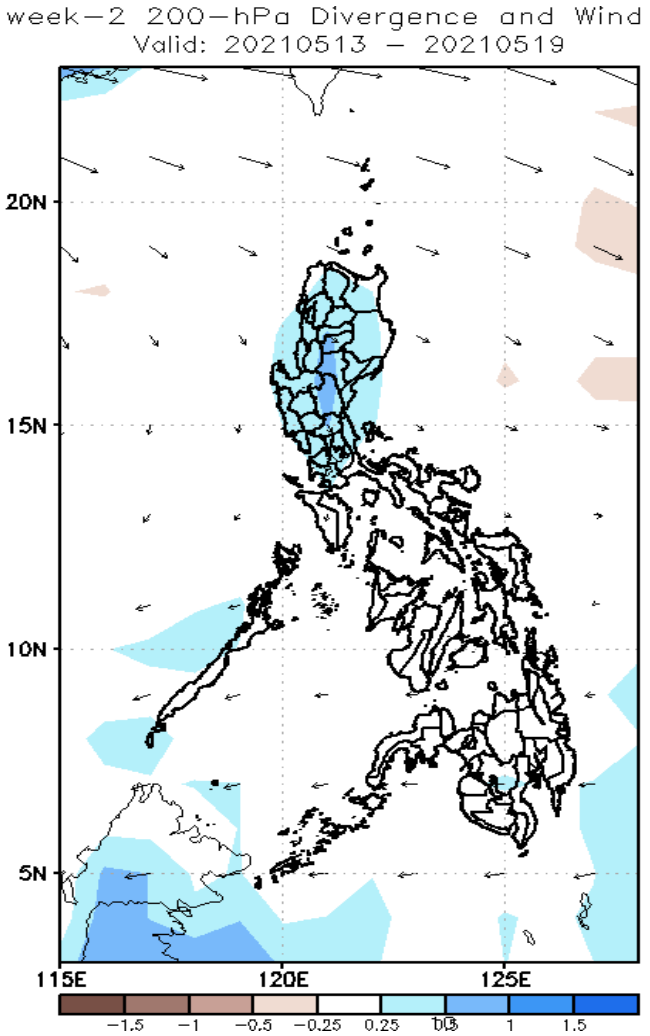
Less probability of rainfall to exceed 200mm in most parts of the country during the forecast period.

GEFS Week-2 Forecasts: Divergence & Wind Anomaly

Week 2: May 13-19, 2021



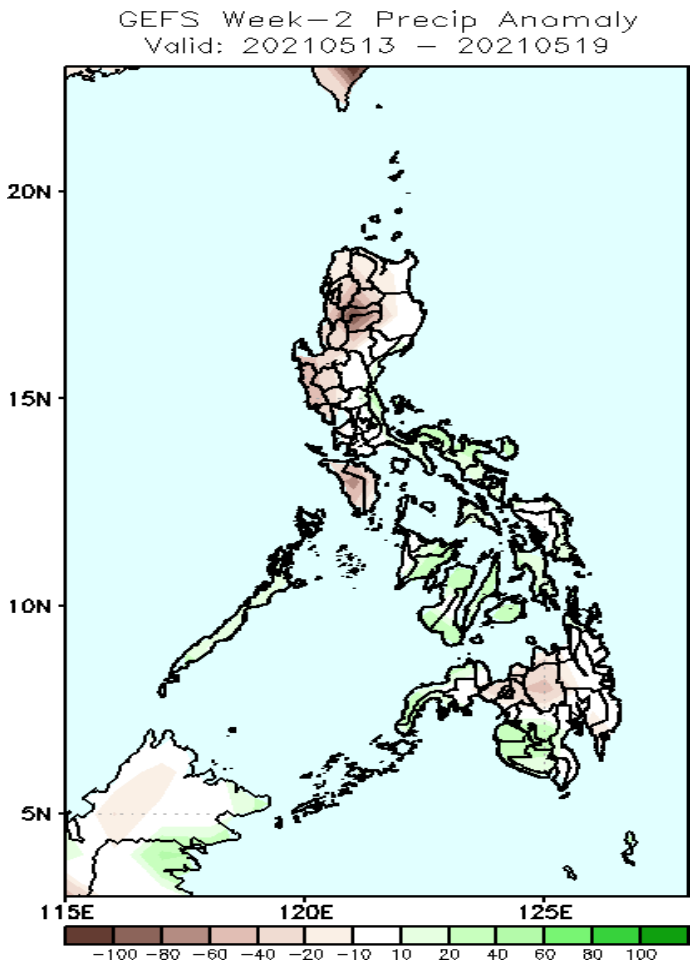




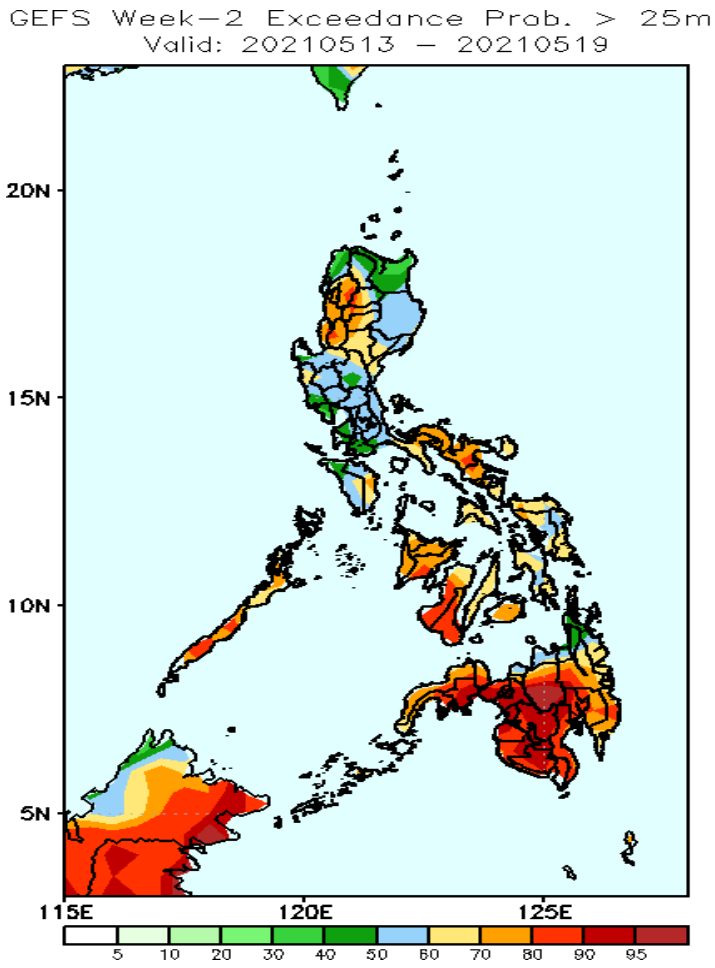
Upper and low level Divergence suggest likelihood of precipitation in most parts of Luzon(except Quezon and Bicol region). Easterlies affecting most parts of the country attributing to warmer temperatures and higher heat index during the forecast period.

Precipitation Anomaly and Exceedance Probability > 25/50 mm

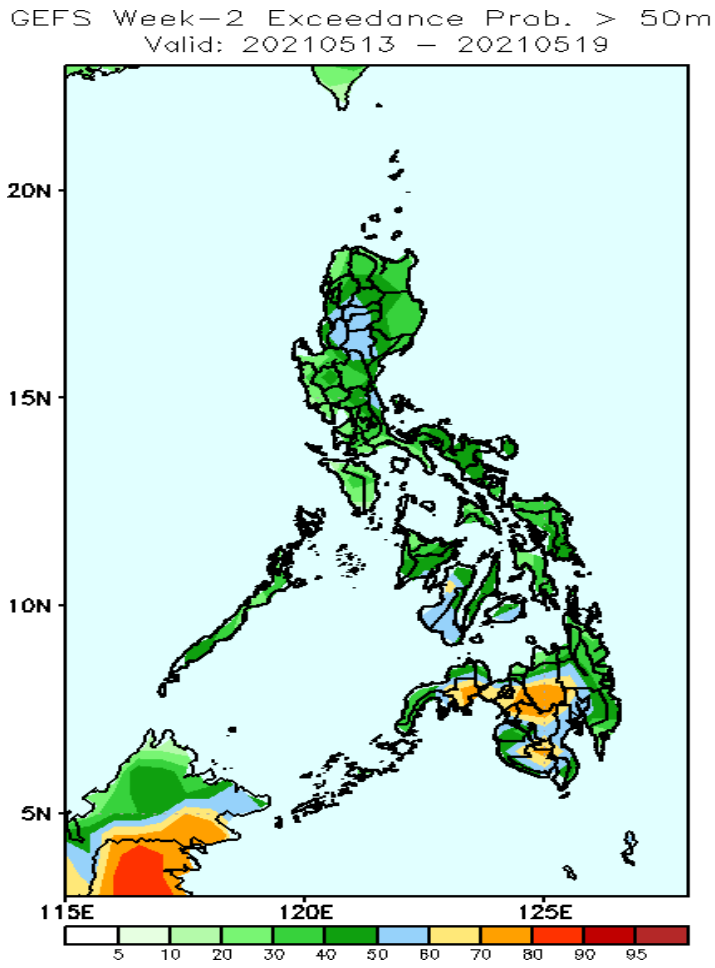
Week 2: May 13-19, 2021



Rainfall deficit of up to 40-80mm is expected in most parts of Luzon and northern & eastern parts of Mindanao while increase of rainfall up to 60mm for the rest of the country during the forecast period.



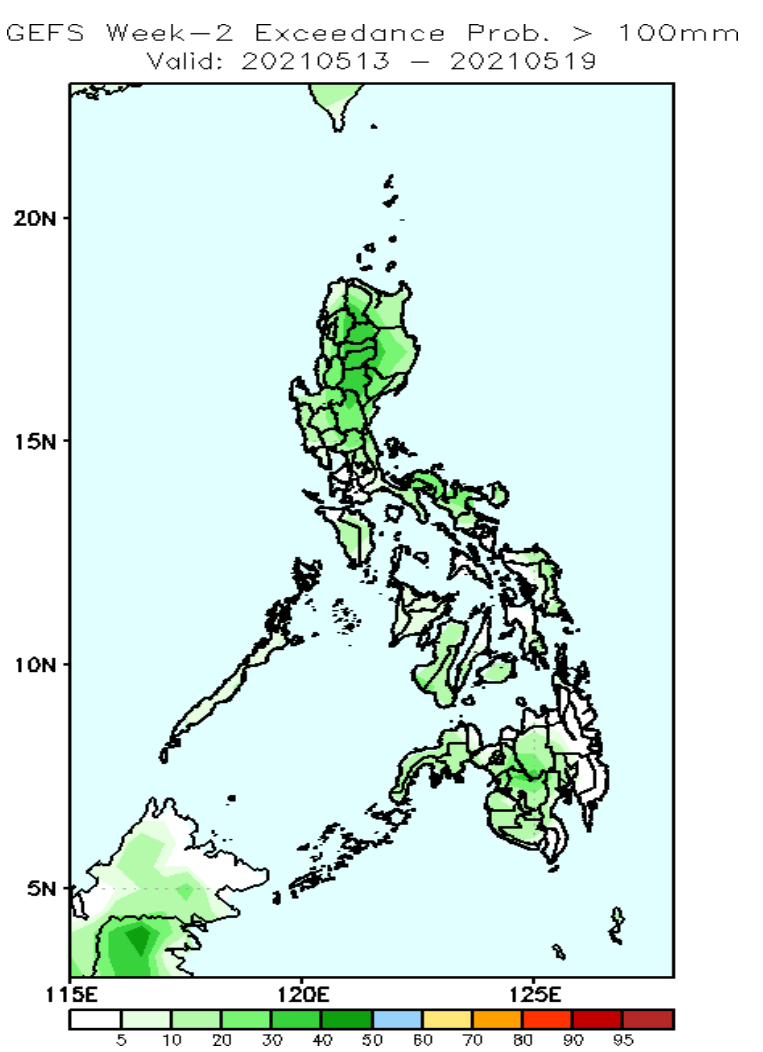
High probability of rainfall to exceed 25mm in cordillera & Ilocos Region and in most parts of Visayas and Mindanao while less likely for the rest of the country during the forecast period.



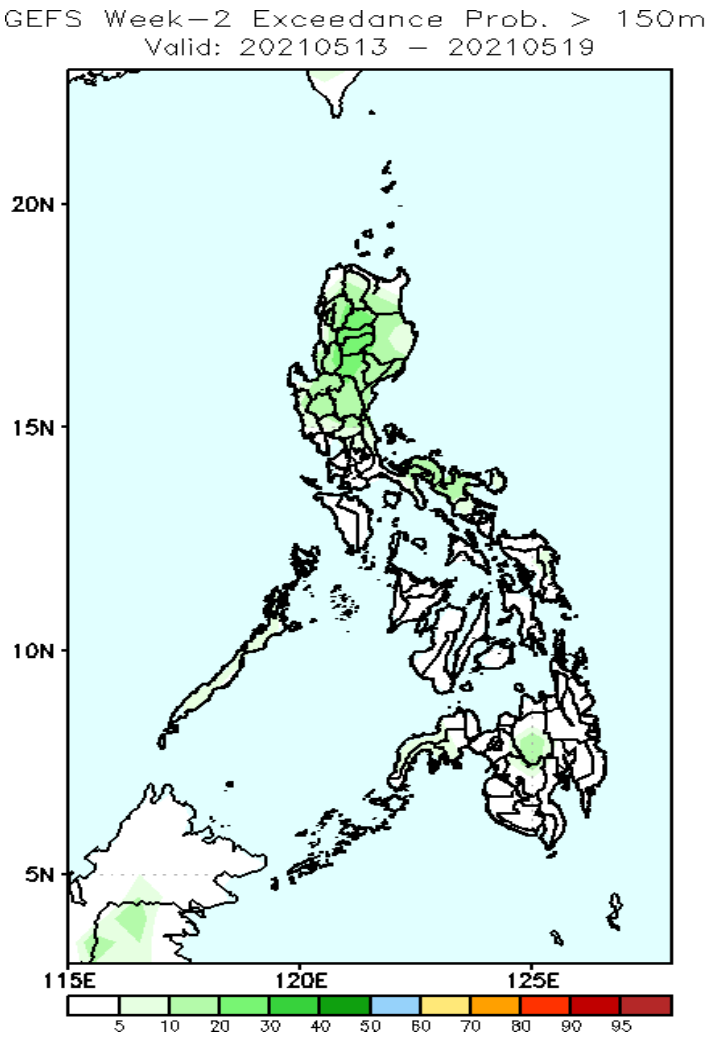
60-80% probability of rainfall to exceed 50mm in central Mindanao while less likely for the rest of the country during the forecast period.

Exceedance Probability > 100/150/200 mm

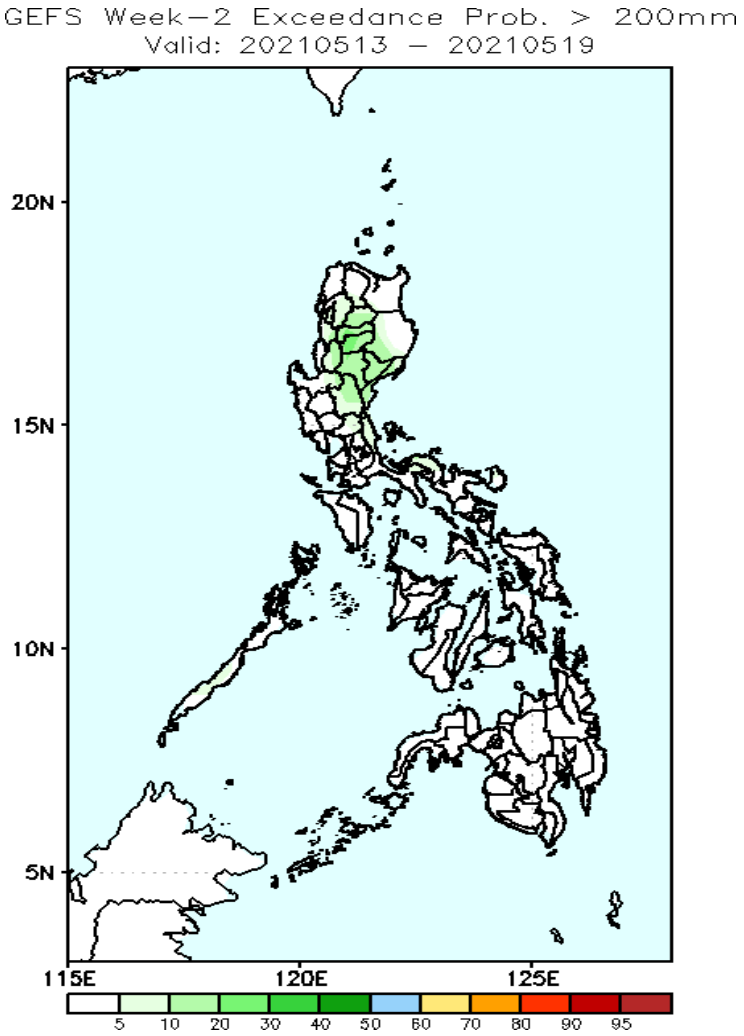
Week 2: May 13-19, 2021



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

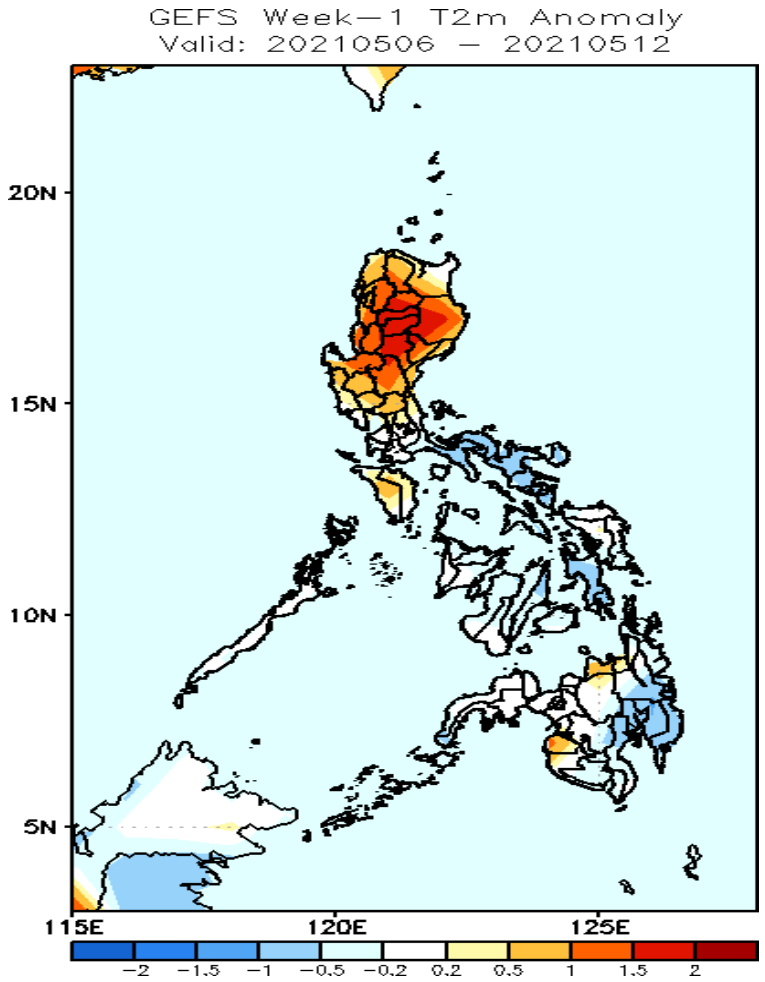


Less probability of rainfall to exceed 150mm in most parts of the country during the forecast period.



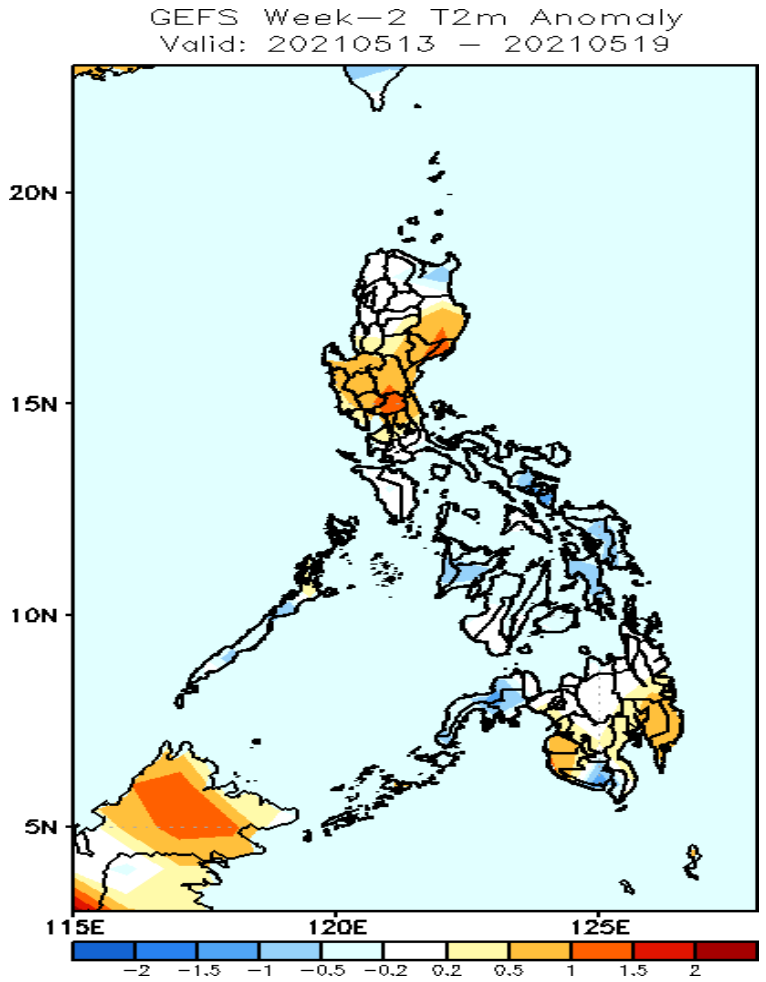
Less probability of rainfall to exceed 200mm in most parts of the country during the forecast period.

GEFS Week-1 & 2 Forecasts: T2m Anomaly



2m Temperature Week 1: May 06-12, 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 13-19, 2021

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