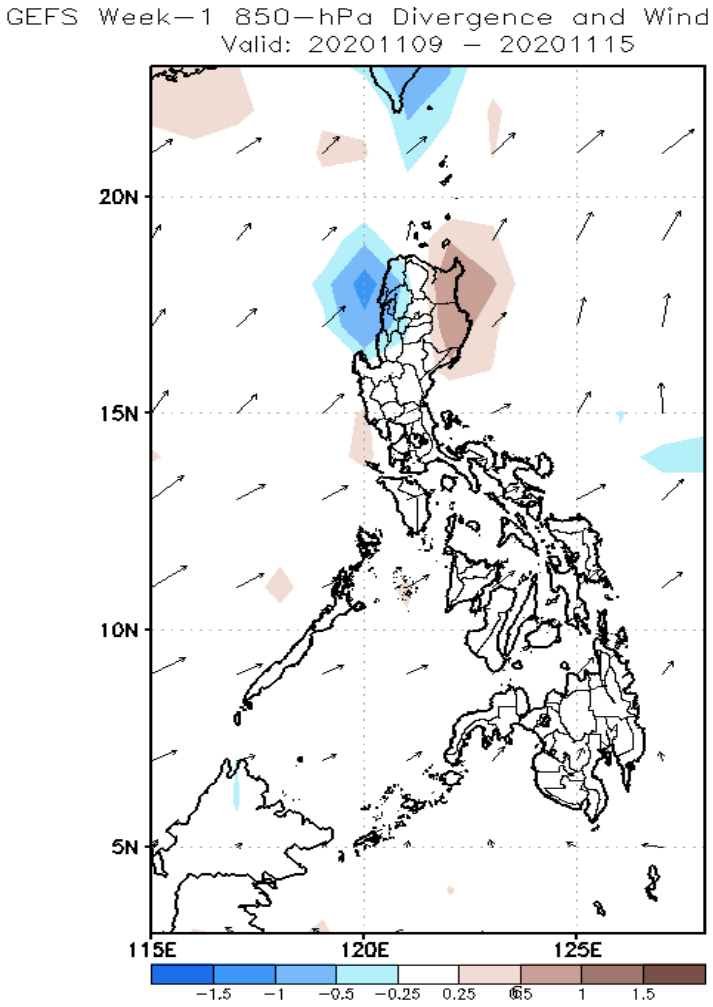
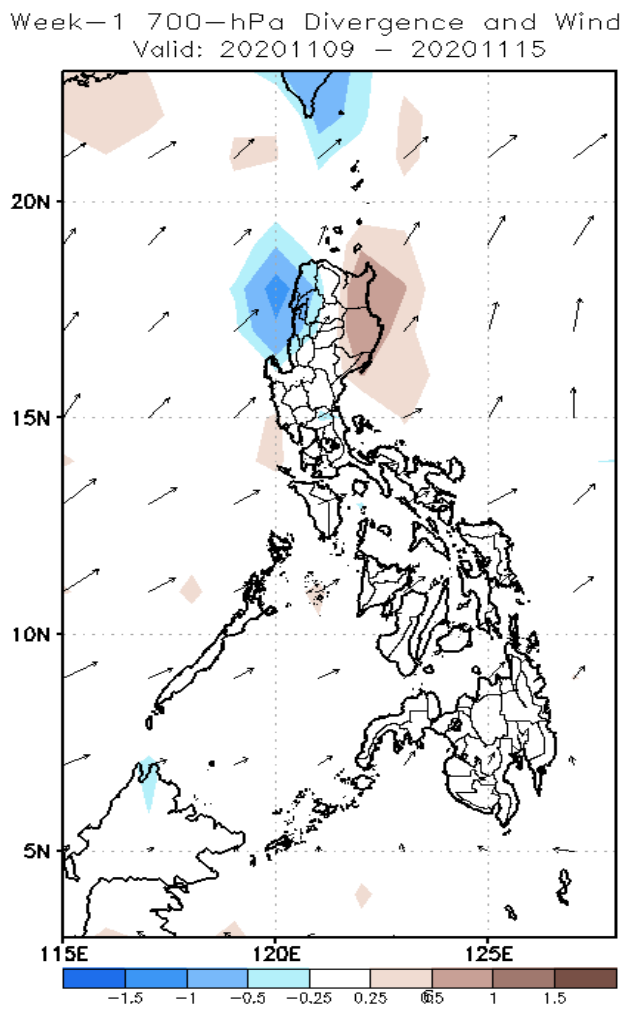
Week 1 & Week 2 Forecast for the Philippines **using GEFS Model**

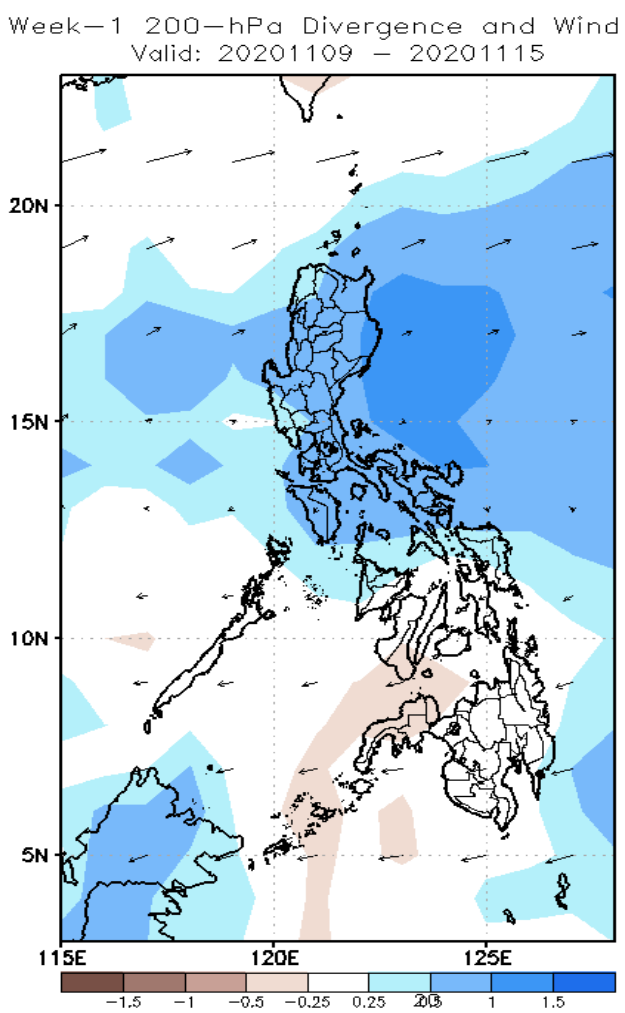
DOST PAGASA
The Weather and Climate Authority

GEFS Week-1 Forecasts: Divergence & Wind Anomaly

Week 1: Nov 09-15, 2020



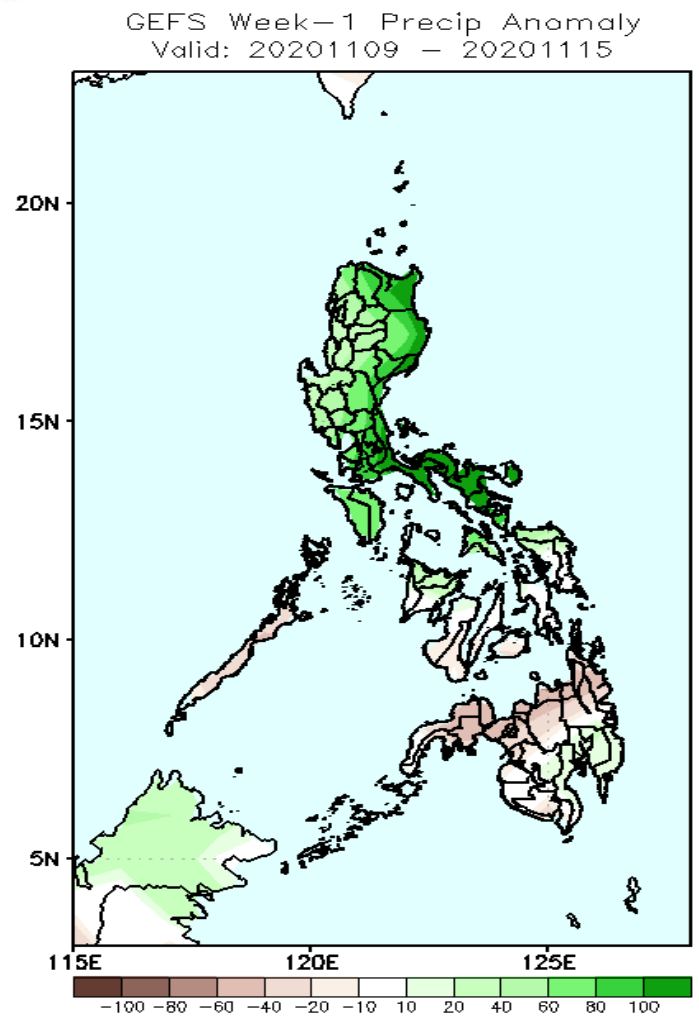




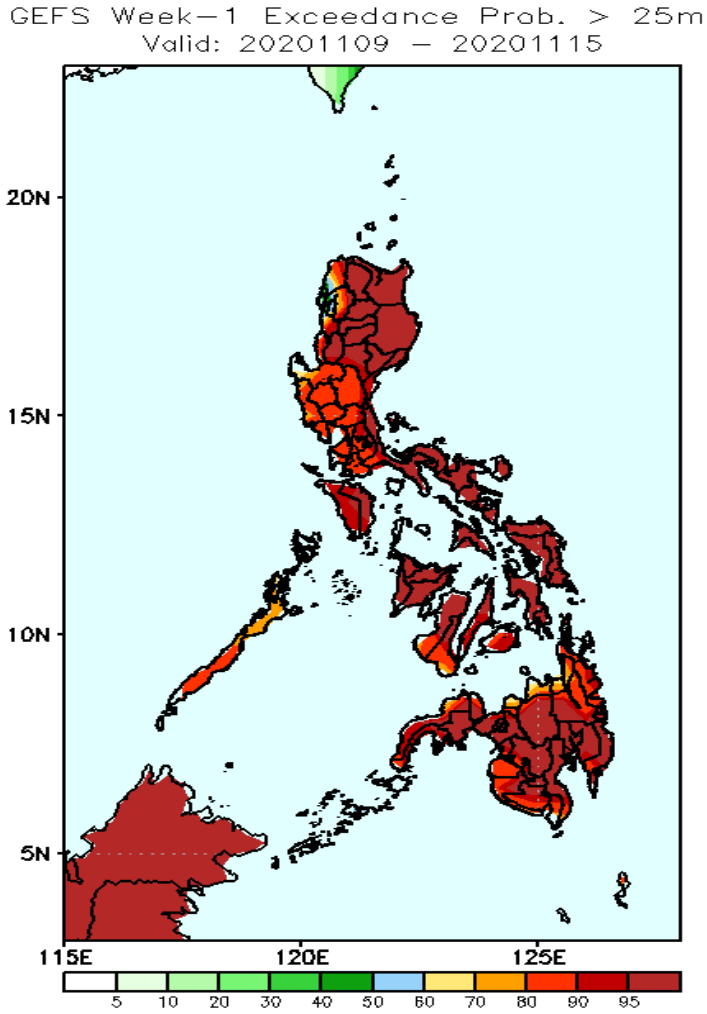
Upper level (200hPa) Divergence suggest likelihood of precipitation in most parts of Luzon and northern Visayas. Northeast monsoon affecting northern and extreme northern Luzon while eaterlies affecting the remaining the rest of the during the forecast period.

Precipitation Anomaly and Exceedance Probability > 25/50 mm

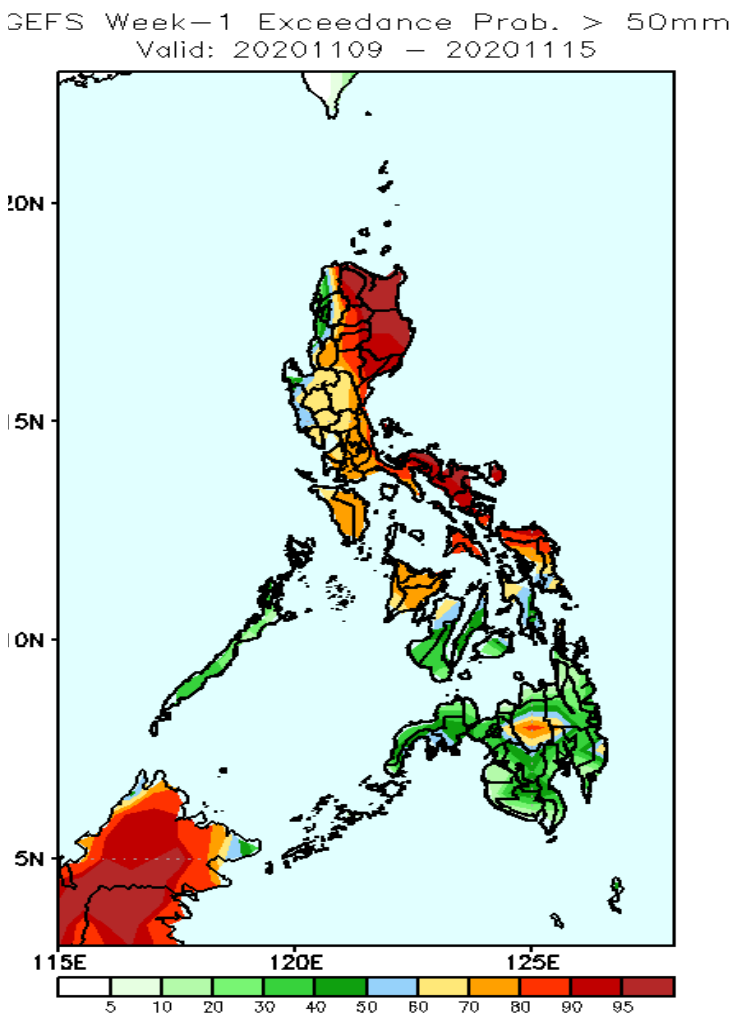
Week 1: Nov 09-15, 2020



Increase of rainfall of more than 100mm in most parts of Luzon and eastern Visayas is expected while rainfall deficit of up to 40mm in northern Mindanao during the forecast period.



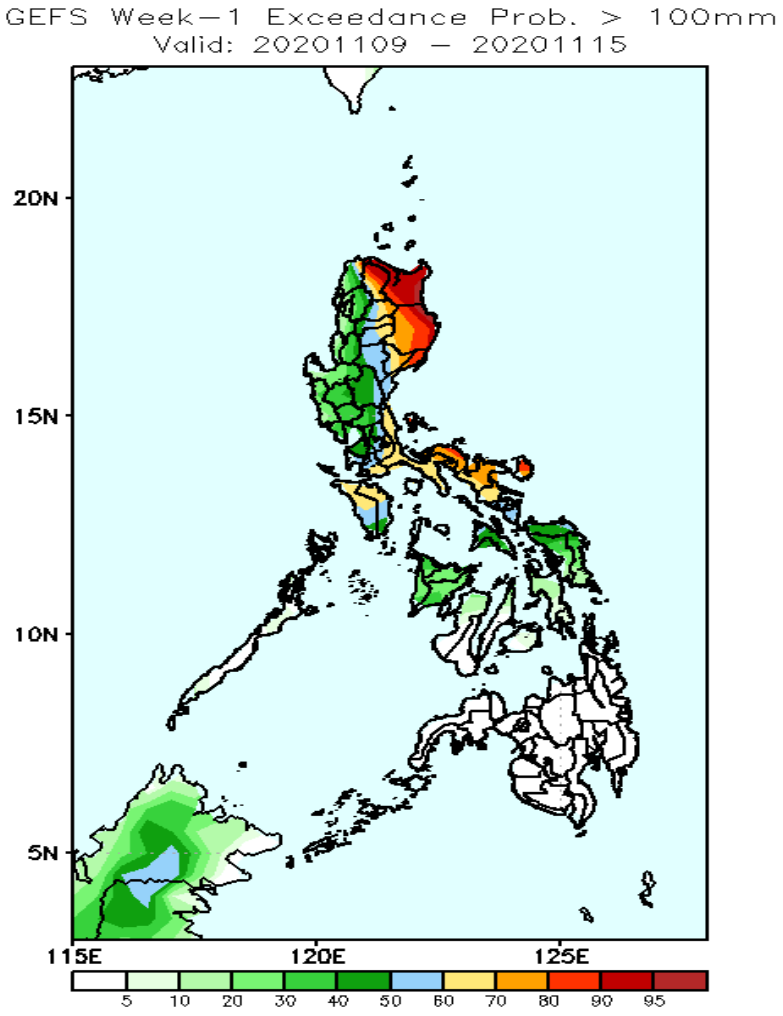
High probability of rainfall to exceed 25mm in most parts of the country is expected during the forecast period.



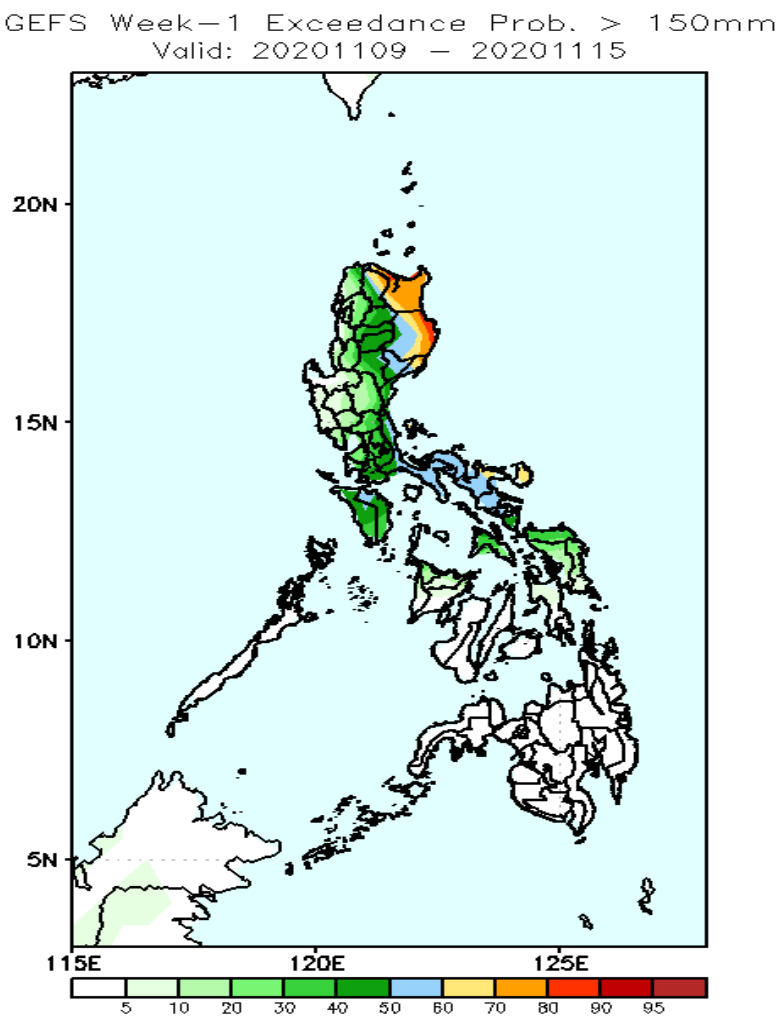
High probability of rainfall to exceed 50mm in most parts of Luzon and Visayas while Mindanao is less likely.

Exceedance Probability > 100/150/200 mm

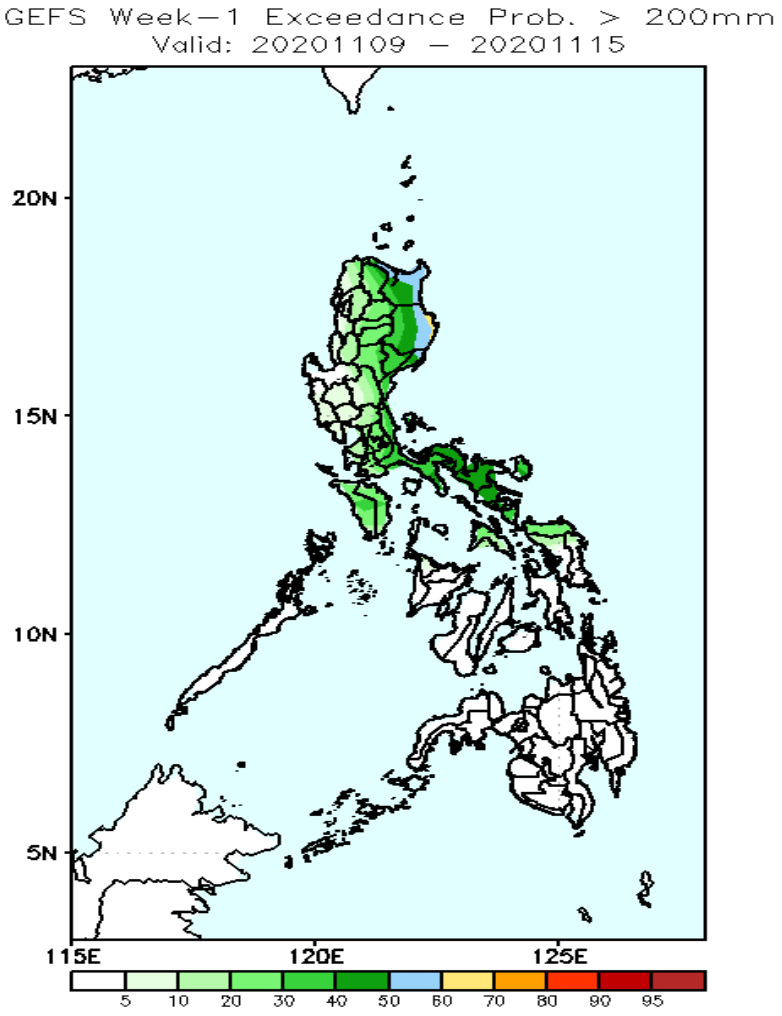
Week 1: Nov 09-15, 2020



High probability of rainfall to exceed 100mm in most parts of eastern and southern Luzon, Bicol Region and Mindoro while less likely for the rest of the country during the forecast period.



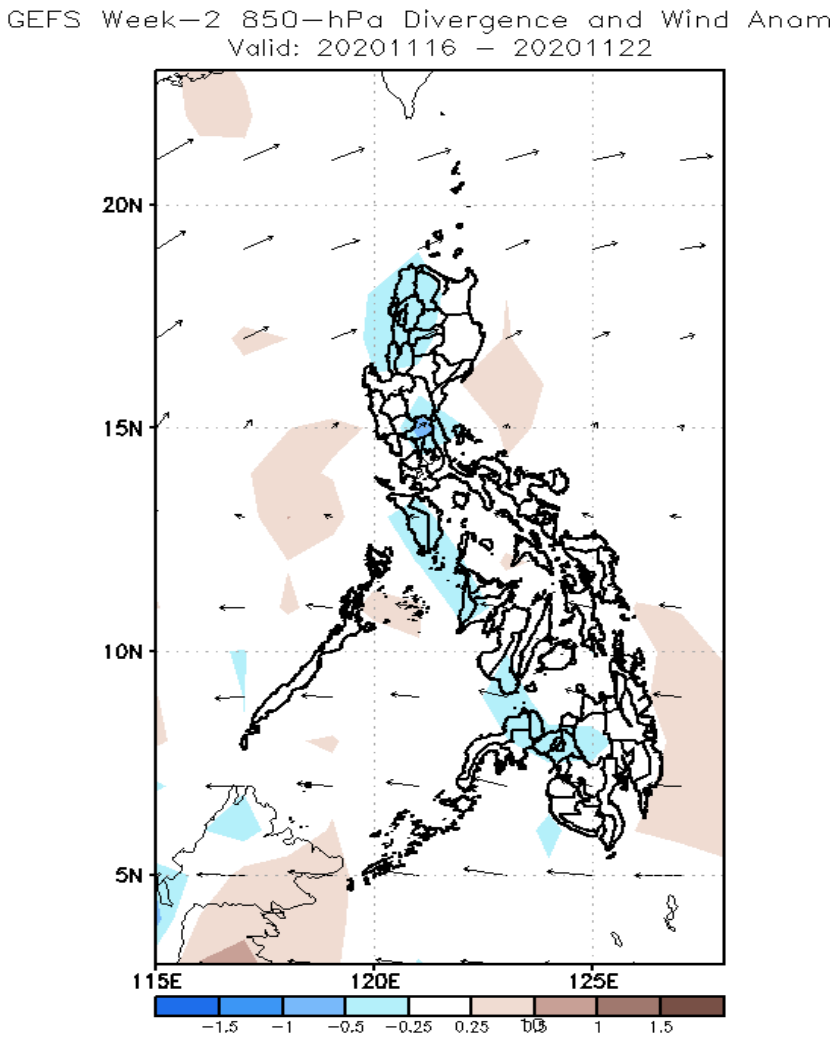
High probability of rainfall to exceed 150mm in Apayao, Cagayan, Isabela and Catanduanes while less likely for the rest of the country during the forecast period.

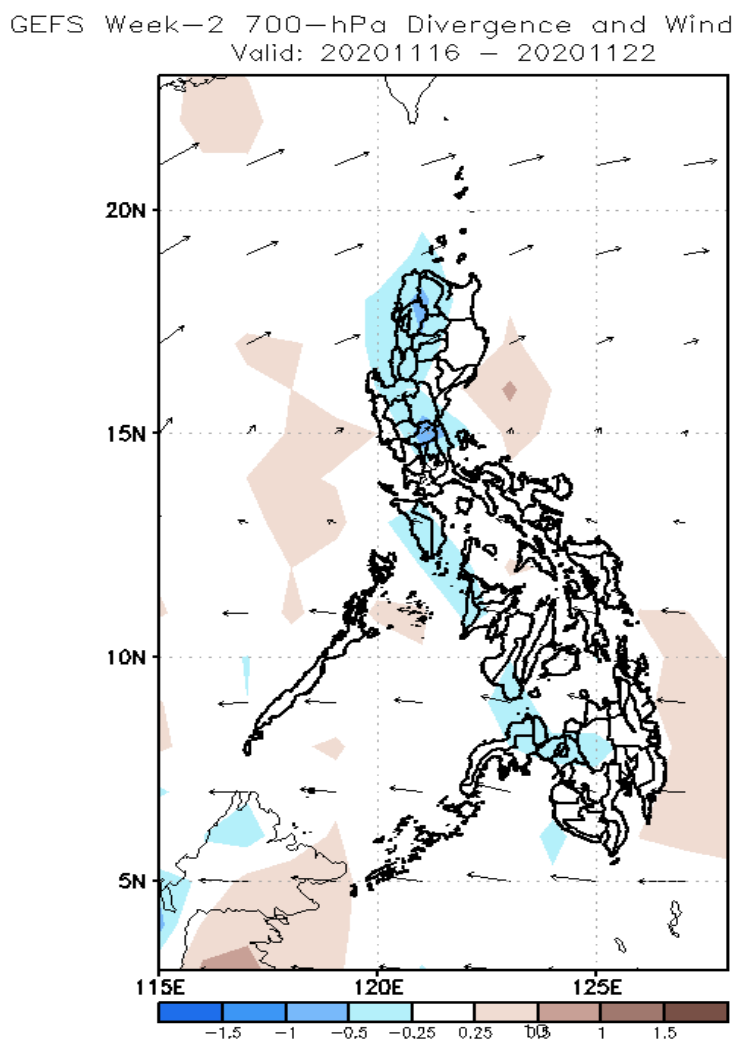


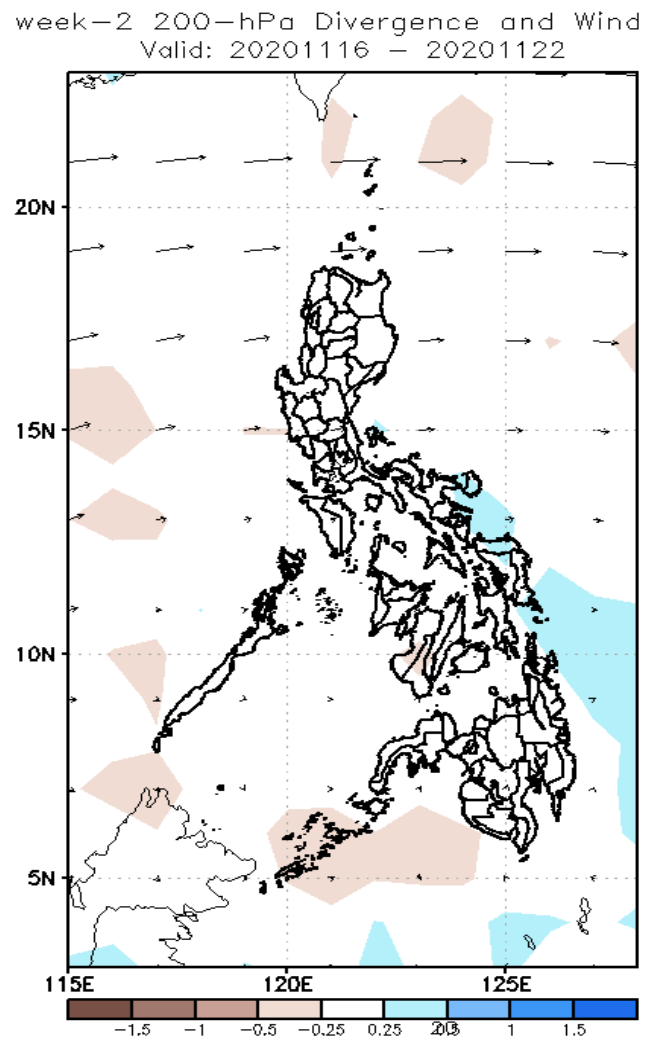
Less probability of rainfall to exceed 200mm in most parts of the country during the forecast period.

GEFS Week-2 Forecasts: Divergence & Wind Anomaly

Week 2: Nov 16-22, 2020



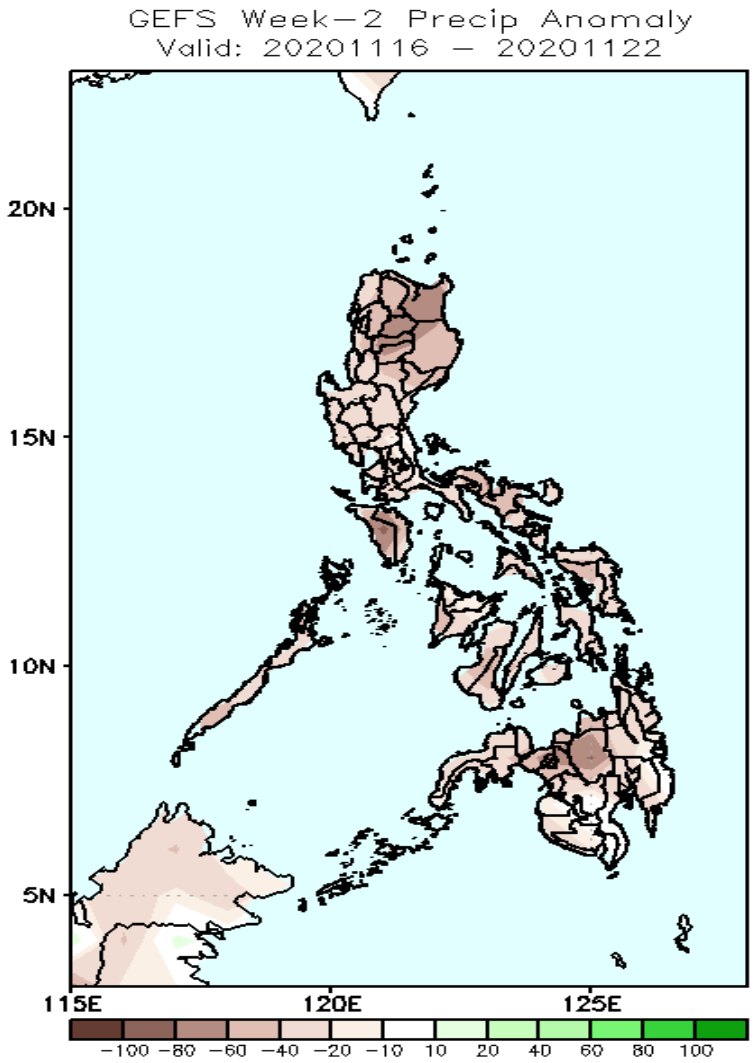




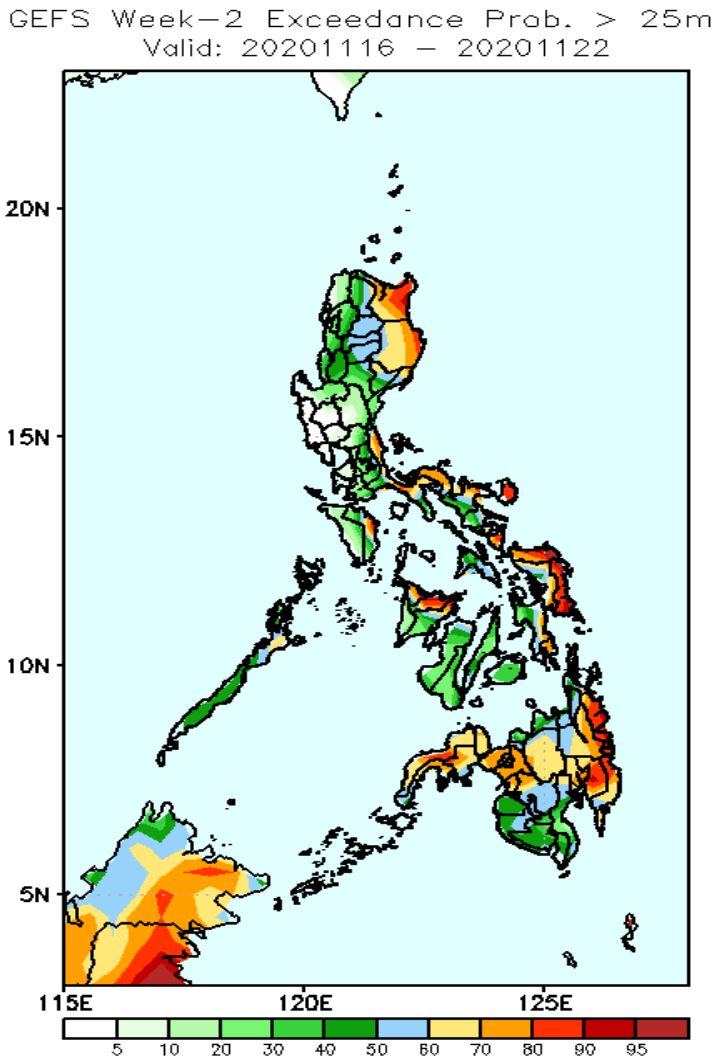
Upper level (200hPa) Divergence suggest likelihood in Catanduanes, Sorsogon and parts of Eastern Visayas. Easterlies affecting most parts of the during the forecast period.

Precipitation Anomaly and Exceedance Probability > 25/50 mm

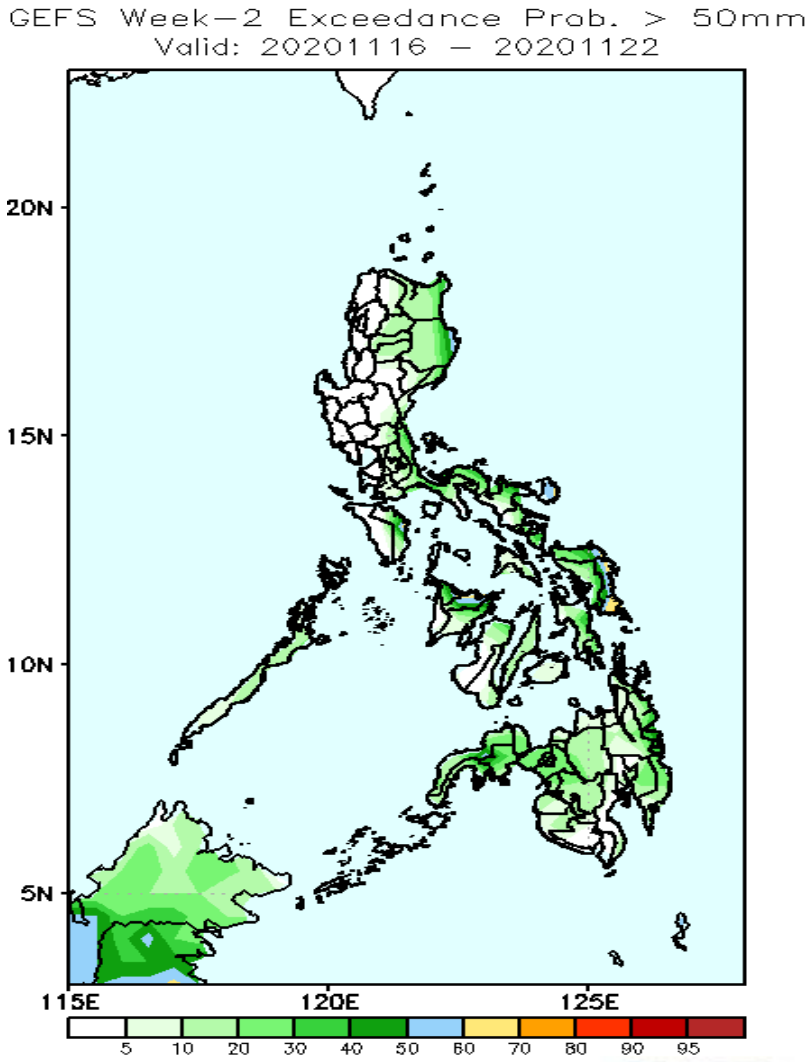
Week 2: Nov 16-22, 2020



Rainfall deficit of up to 100mm in most parts of the country is expected during the forecast period.



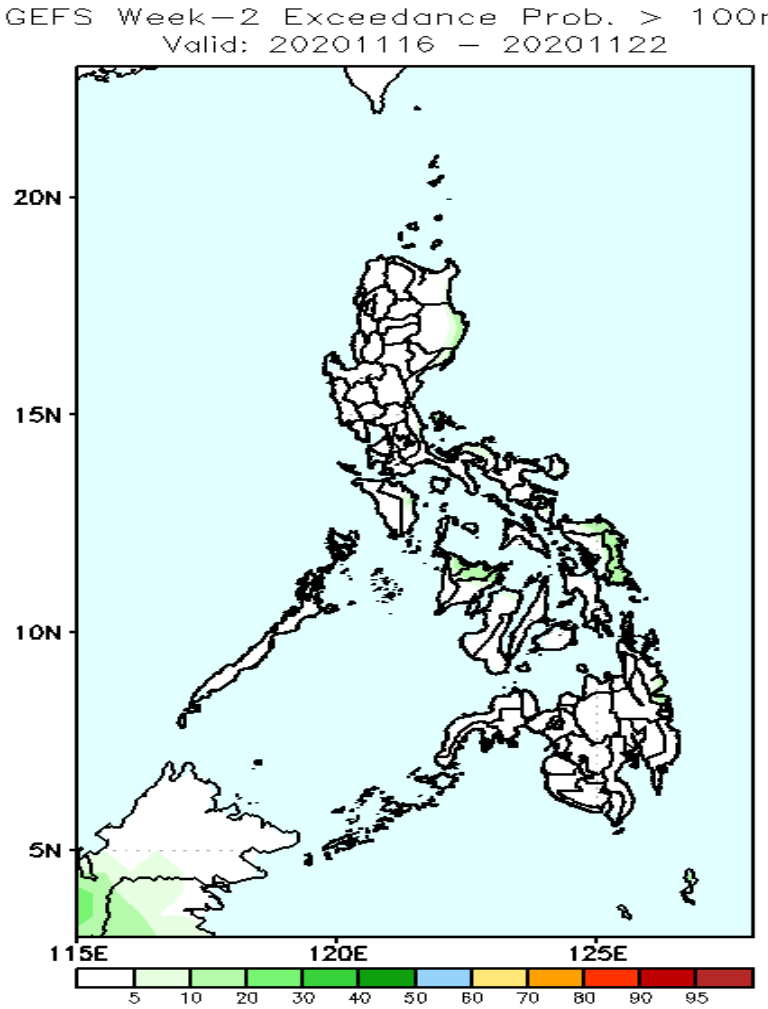
High probability of rainfall to exceed 25mm in Cagayan, Isabela, Bicol Region, eastern Visayas and northern & eastern parts of Mindanao while less likely for the rest of the



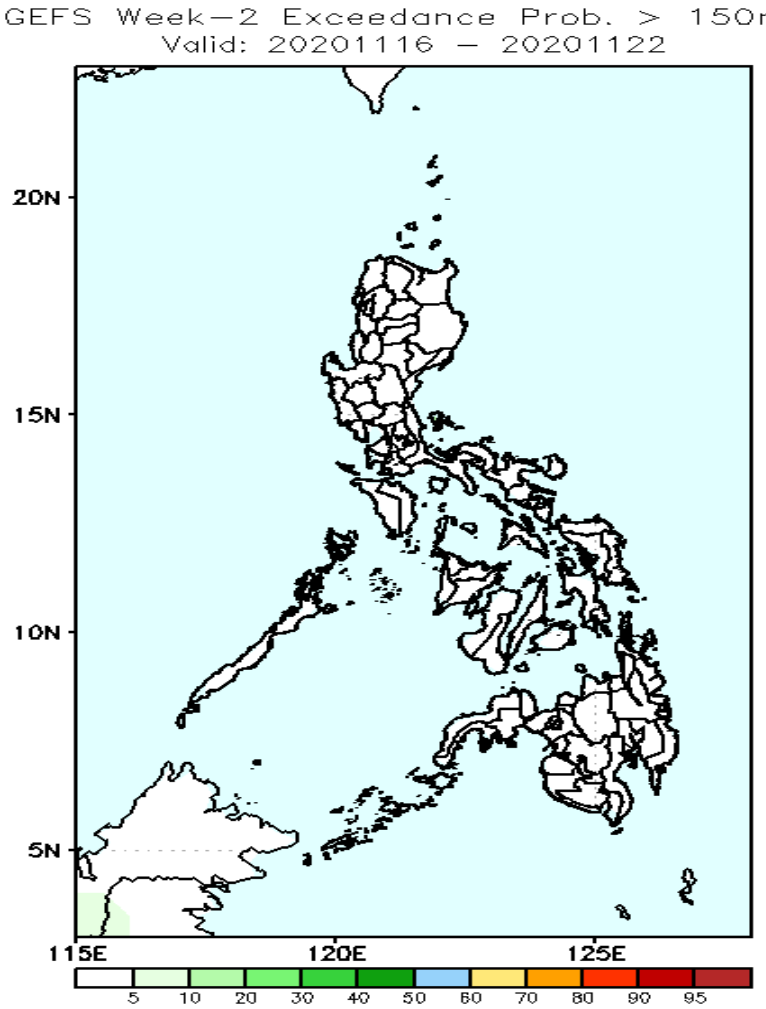
Less probability of rainfall to exceed 50mm in most parts of the country is expected during the forecast period.

Exceedance Probability > 100/150/200 mm

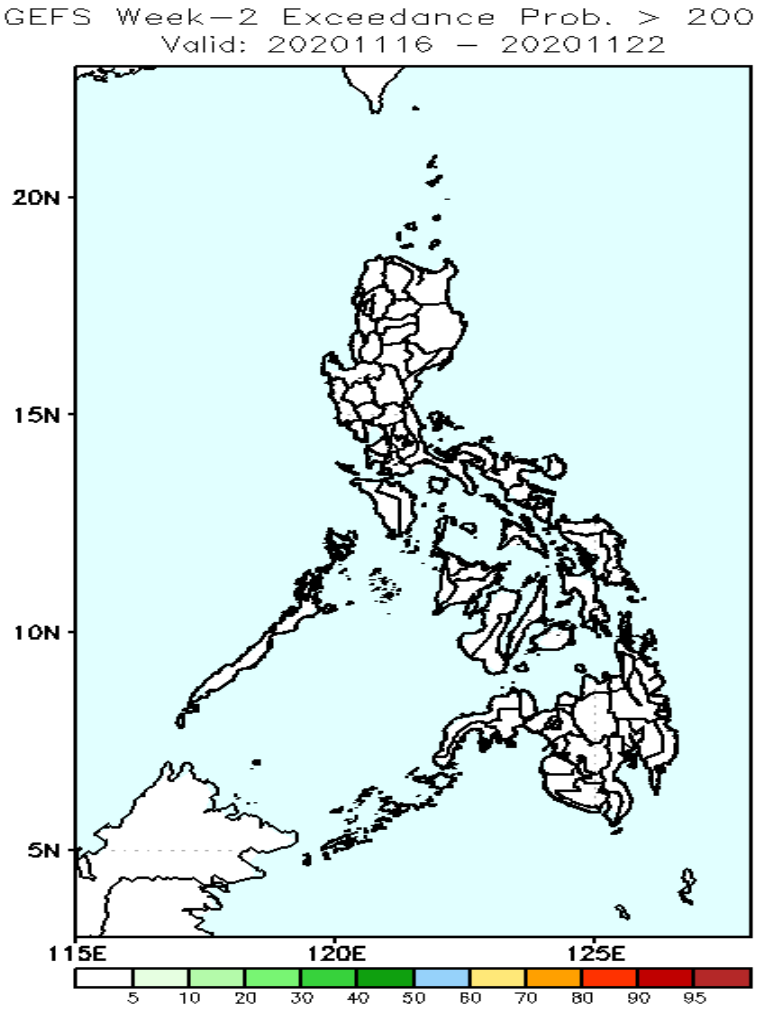
Week 2: Nov 16-22, 2020



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

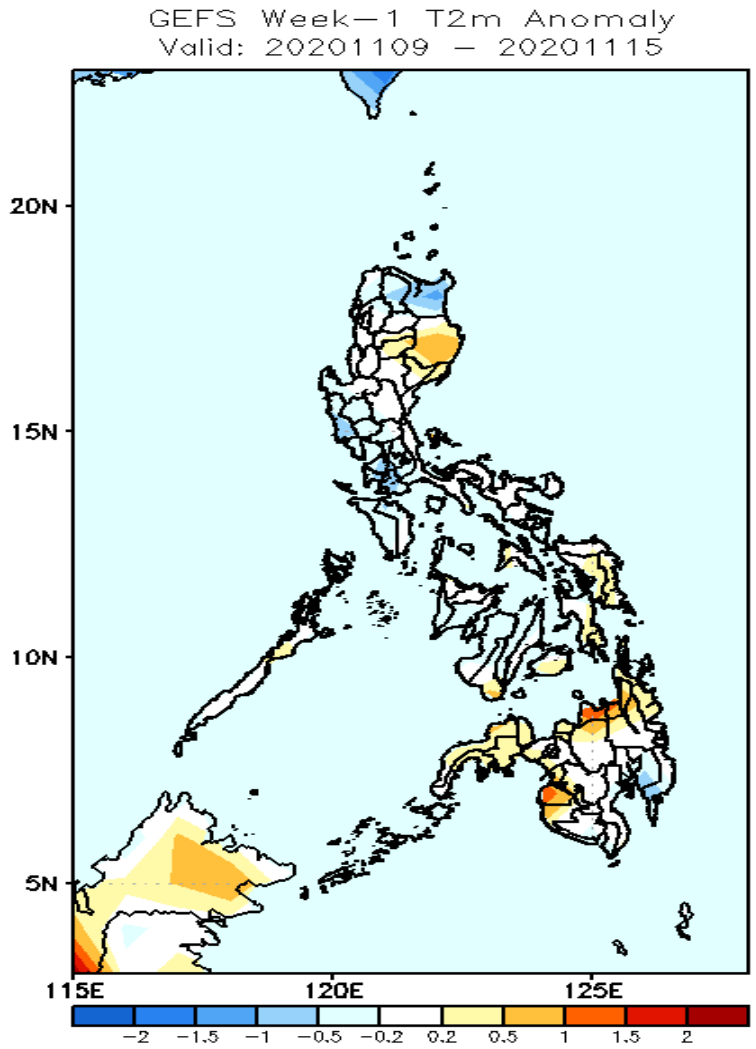


Less probability of rainfall to exceed 150mm in most parts of the country during the forecast period.



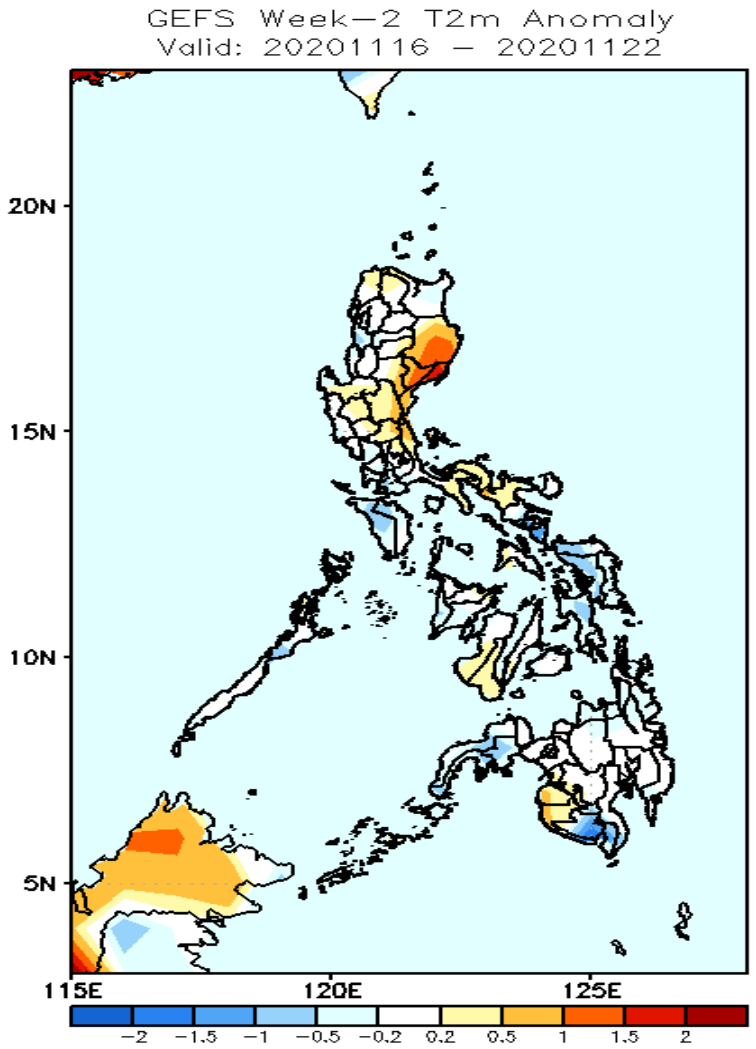
Less probability of rainfall to exceed 200mm in most parts of the country during the forecast period.

GEFS Week-1 & 2 Forecasts: T2m Anomaly



2m Temperature Week 1: Nov 09-15, 2020

Slightly cooler to cooler than average surface air temperature is expected in northern and southern Luzon while Isabela, northern and western Mindanao will likely experience slightly warmer to warmer surface air temperatures.



2m Temperature Week 2: Nov 16-22, 2020

Slightly warmer to warmer surface air temperatures is expected in most parts of Luzon, Negros Island and in Maguindanao and Sultan Kudarat while the rest of the country will likely experience average to slightly cooler than normal temperatures.