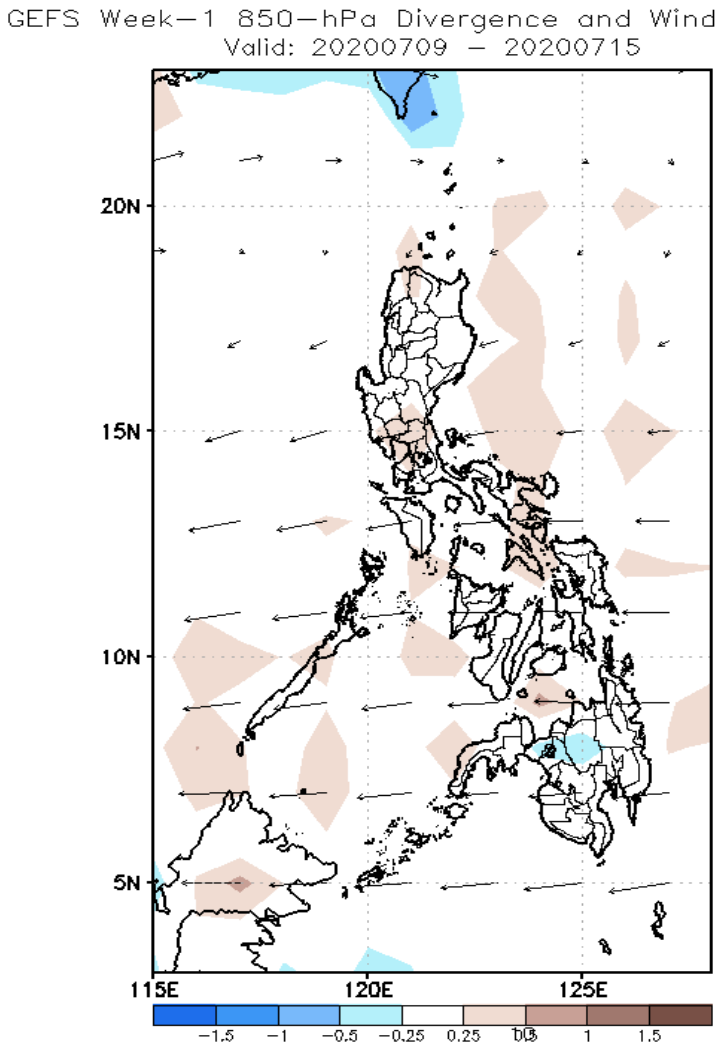
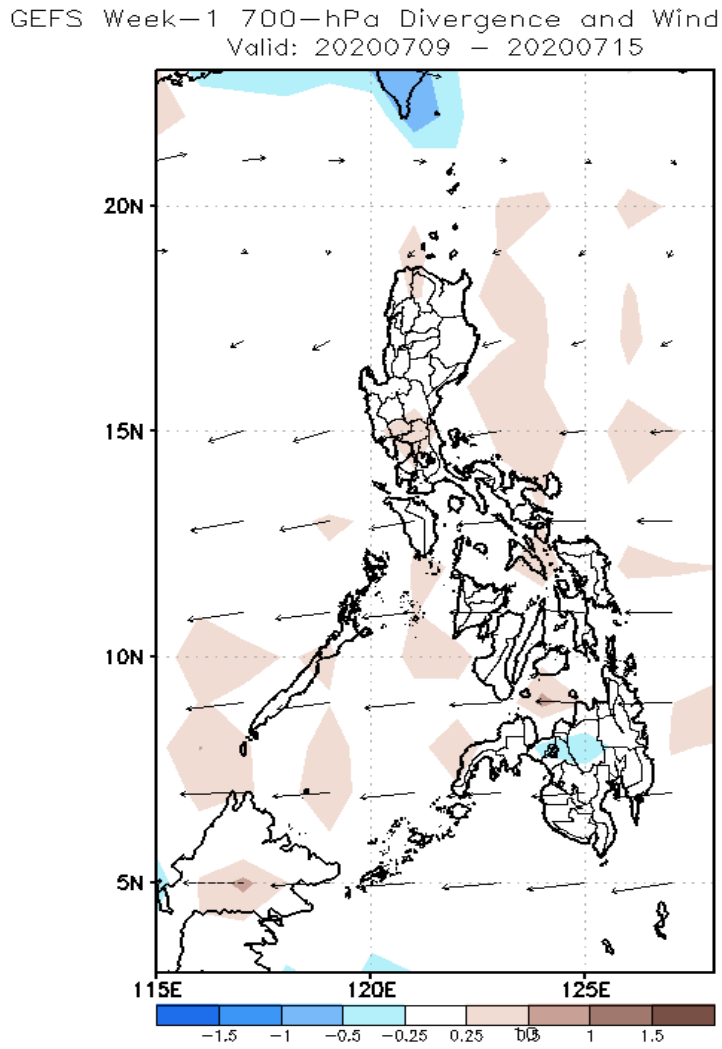
Week 1 & Week 2 Forecast for the Philippines **using GEFS Model**

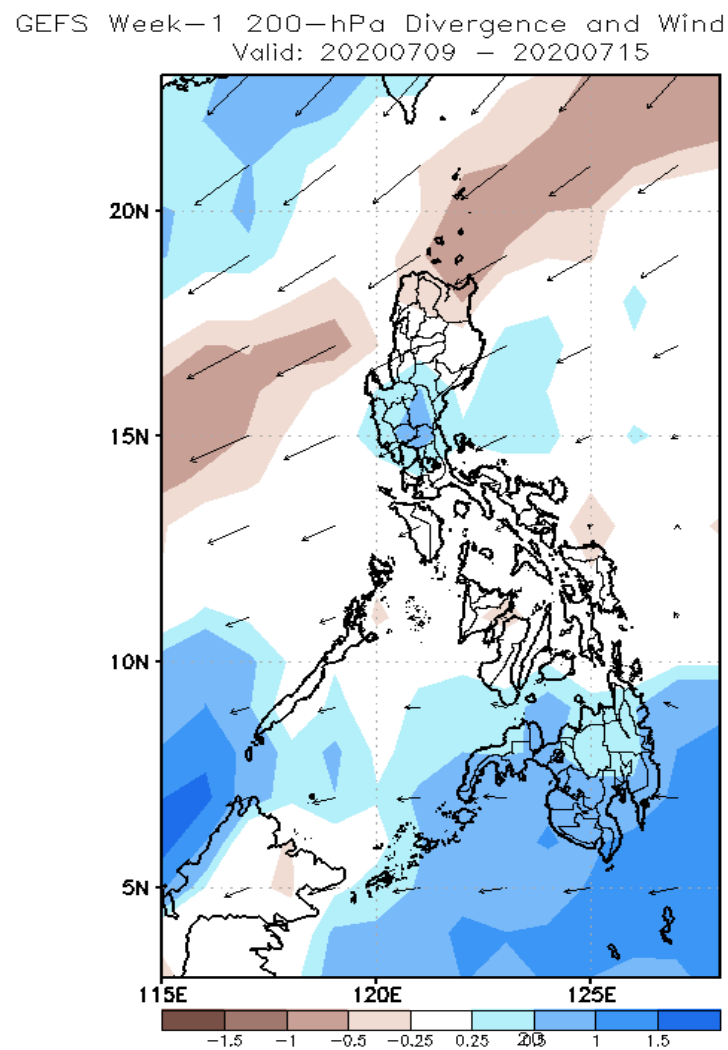
DOST PAGASA
The Weather and Climate Authority

GEFS Week-1 Forecasts: Divergence & Wind Anomaly

Week 1: July 09-15, 2020



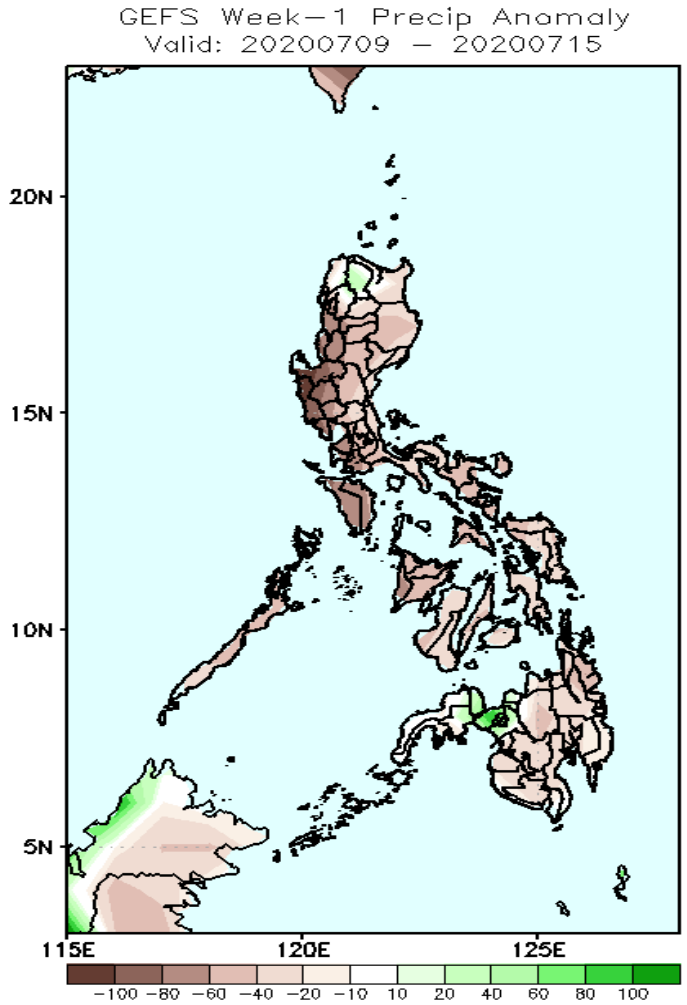




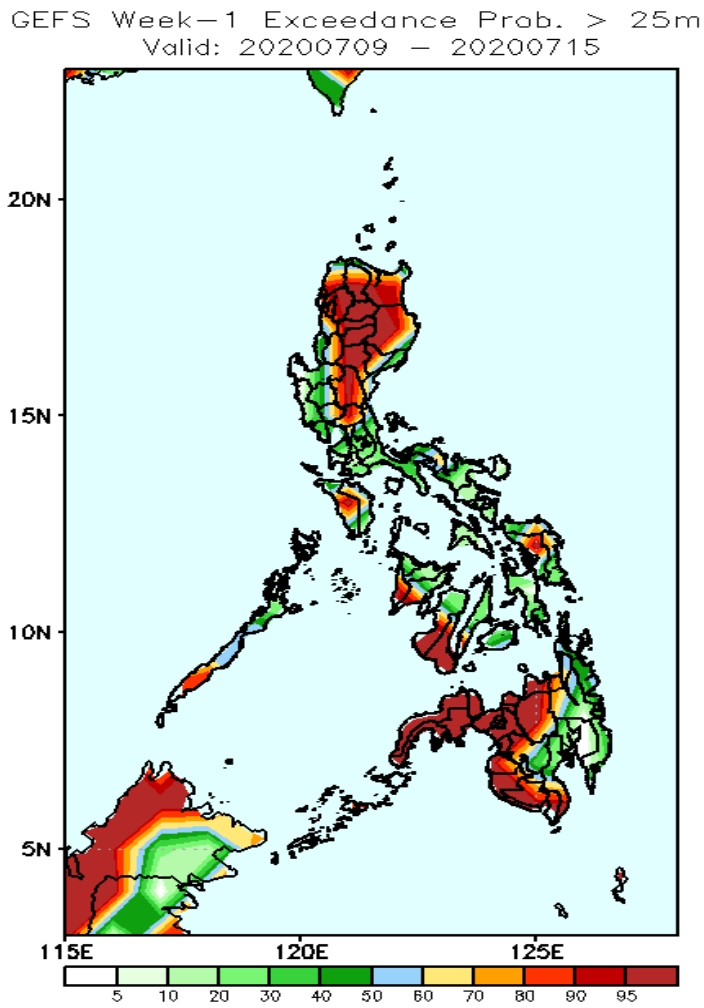
Upper level (200 hPa) Divergence suggest likelihood of precipitation in central Luzon and most parts of Mindanao. Easterlies affecting most parts of the country. Southwest windflow affecting extreme northern Luzon during the forecast period.

Precipitation Anomaly and Exceedance Probability > 25/50 mm

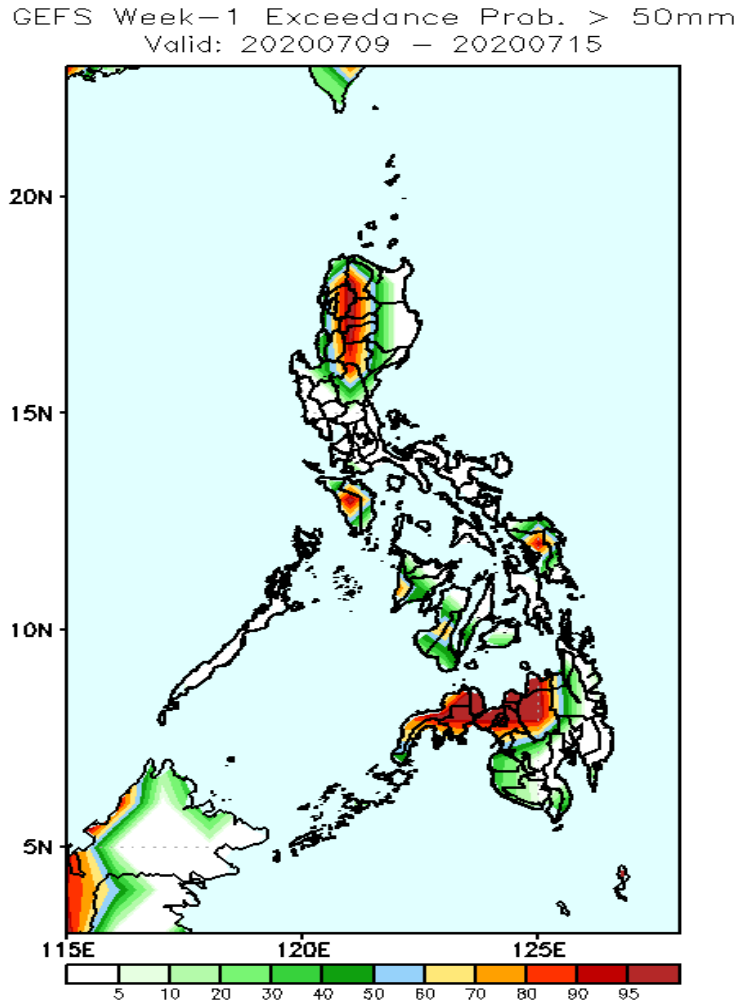
Week 1: July 09-15, 2020



Rainfall deficit of 40-100mm in most parts of the country is expected while increase of rainfall of up to 40mm in Lanao del Norte during the forecast period.



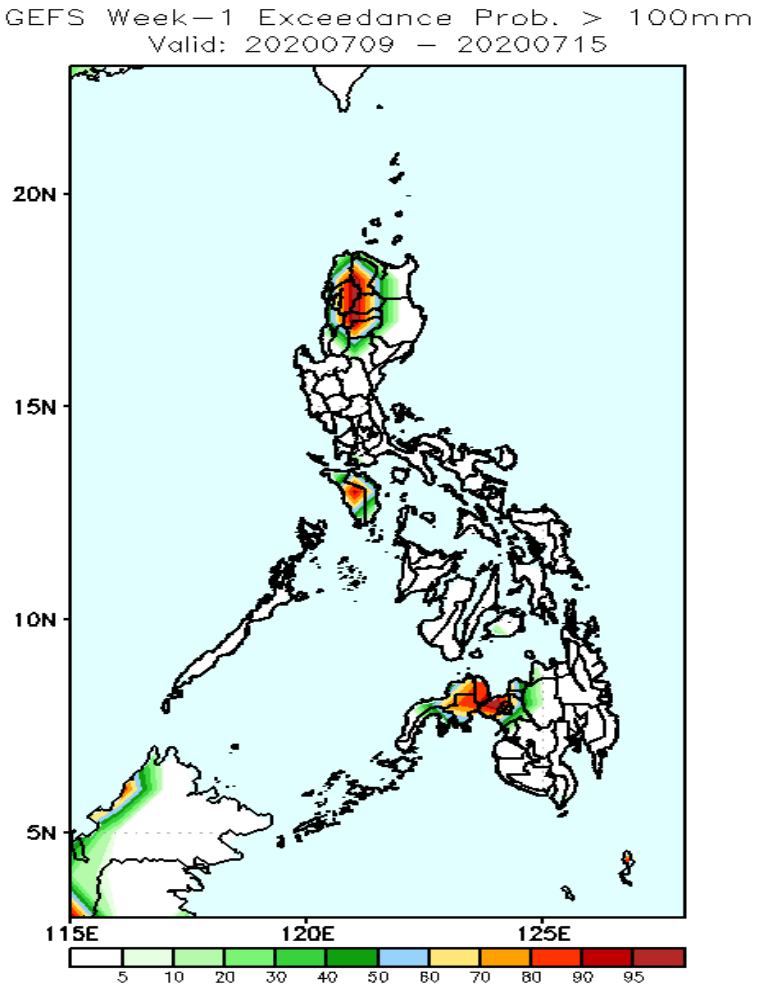
High probability of rainfall to exceed 25mm in northern & central Luzon, western parts of Visayas and northern and western parts of Mindanao while less likely for the rest of the country during the forecast period.



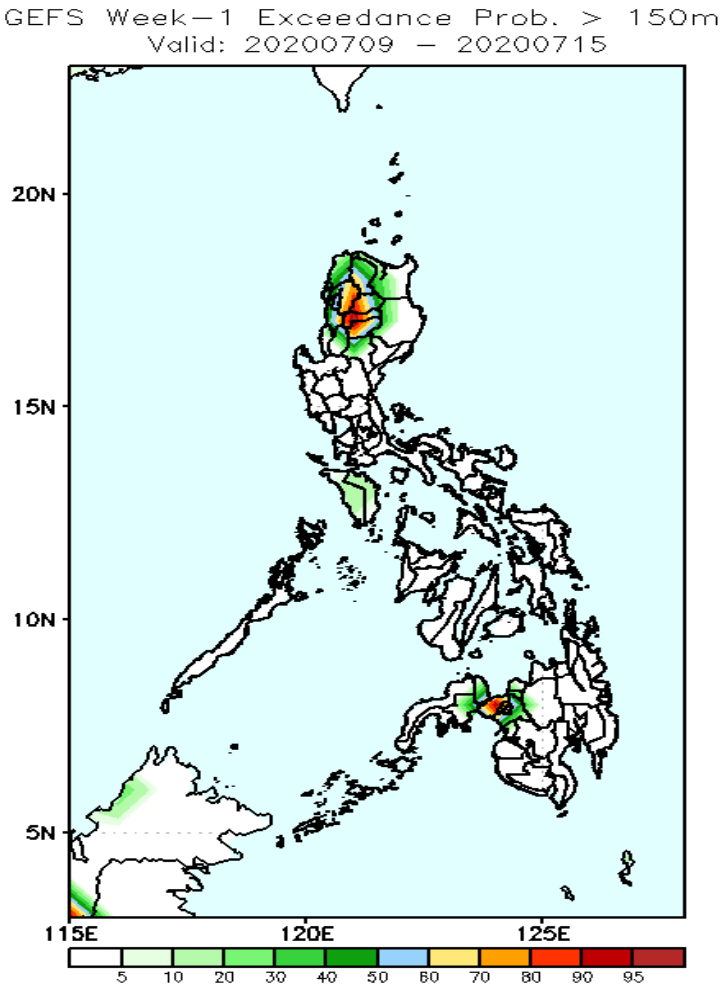
High probability of rainfall to exceed 50mm in Cordillera Region, Central Luzon, Mindoro, Samar and northwestern parts of Mindanao while less likely for the rest of the country during the forecast period.

Exceedance Probability > 100/150/200 mm

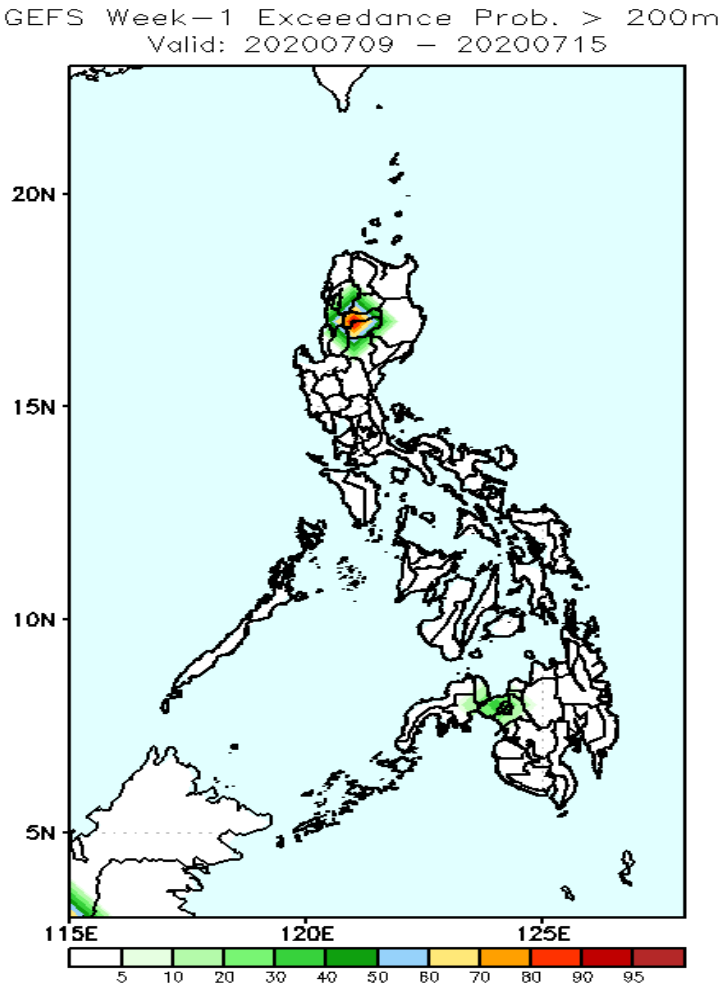
Week 1: July 09-15, 2020



High probability of rainfall to exceed 100mm in Cordillera Region, Mindoro and in Lanao del Norte, Misamis Occ. and Zamboanga del Norte & Sur while less likely for the rest of the country during the forecast period.



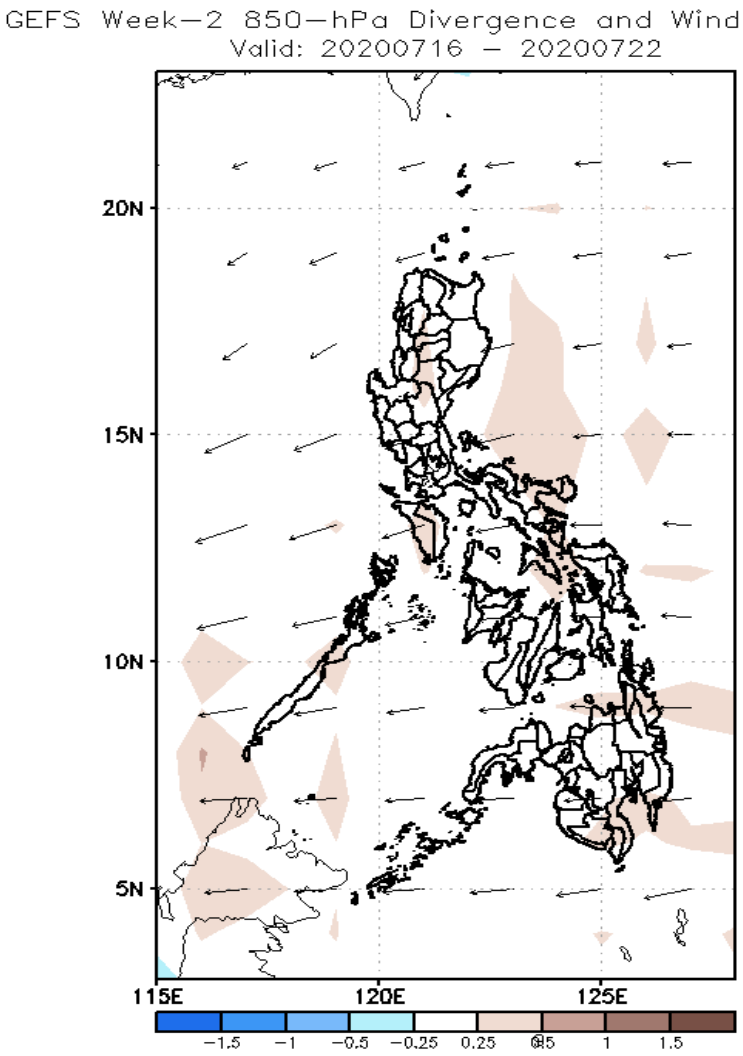
High probability of rainfall to exceed 100mm in Ifugao, Mt. Province and in Lanao del Norte while less likely for the rest of the country during the forecast period.

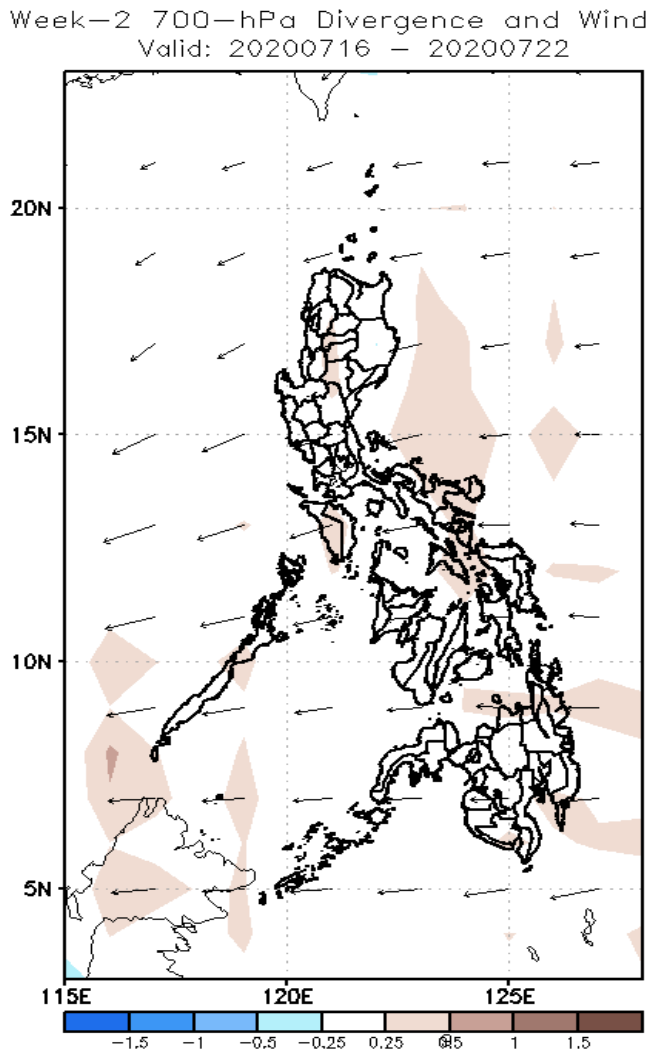


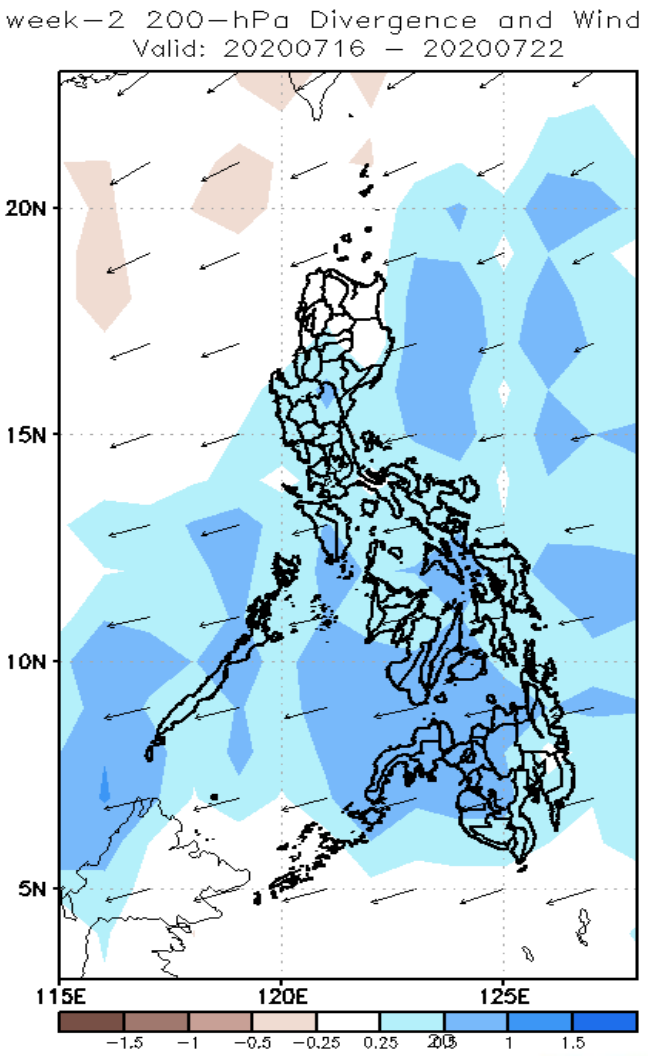
60-85% probability of rainfall to exceed 200mm in in Ifugao & Mt. Province while less likely for the rest of the country during the forecast period.

GEFS Week-2 Forecasts: Divergence & Wind Anomaly

Week 2: Jul 16-22, 2020



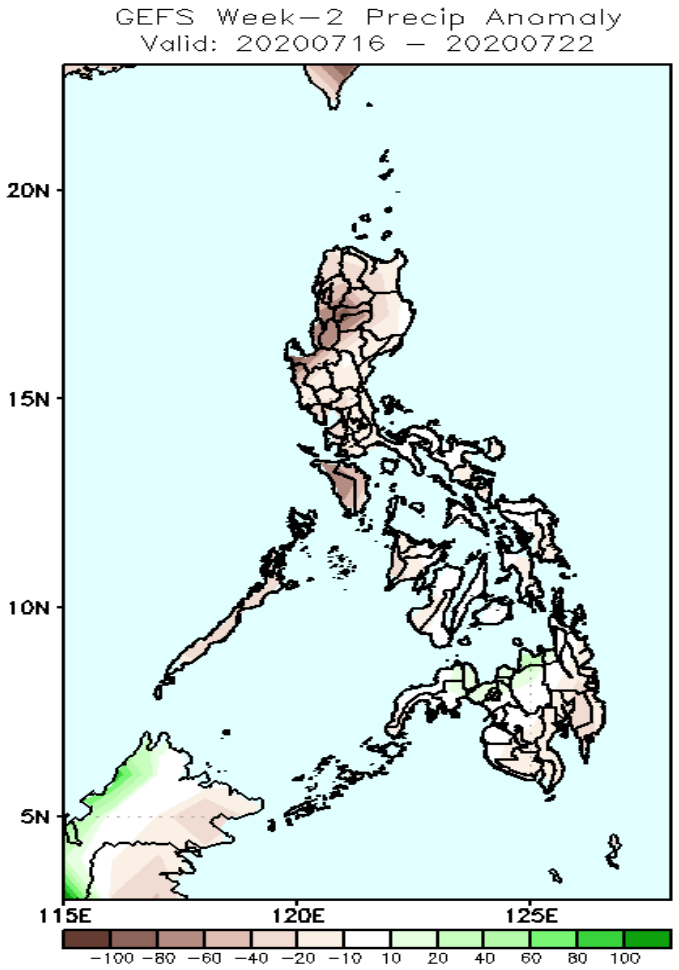




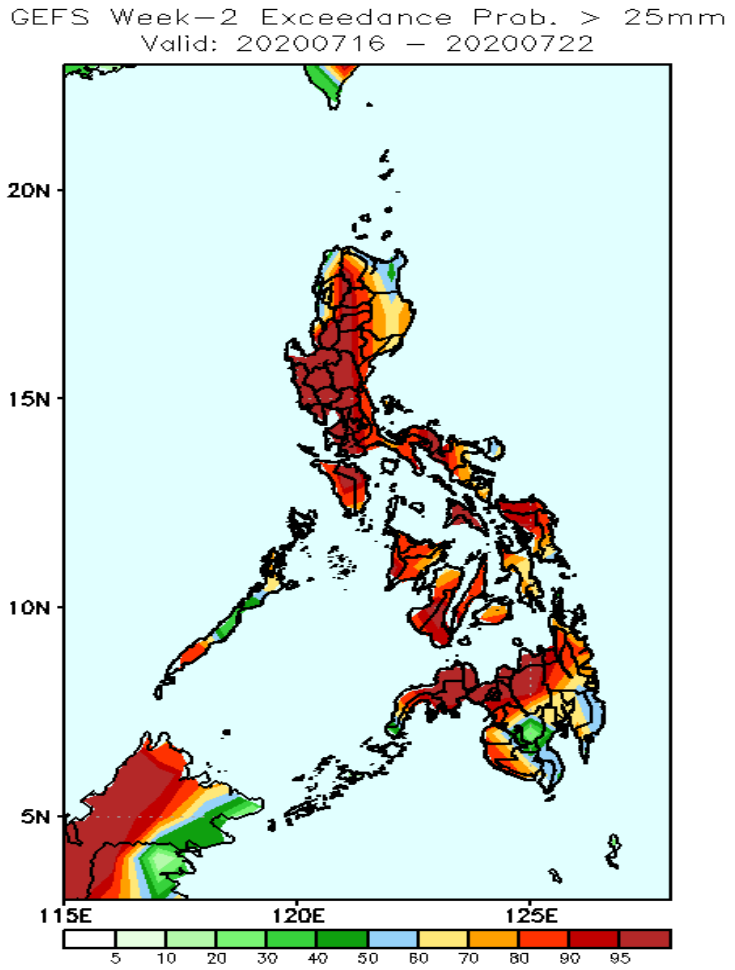
Upper level (200 hPa) Divergence suggest likelihood of precipitation in most parts of the country. Easterlies affecting most parts of the country during the forecast period.

Precipitation Anomaly and Exceedance Probability > 25/50 mm

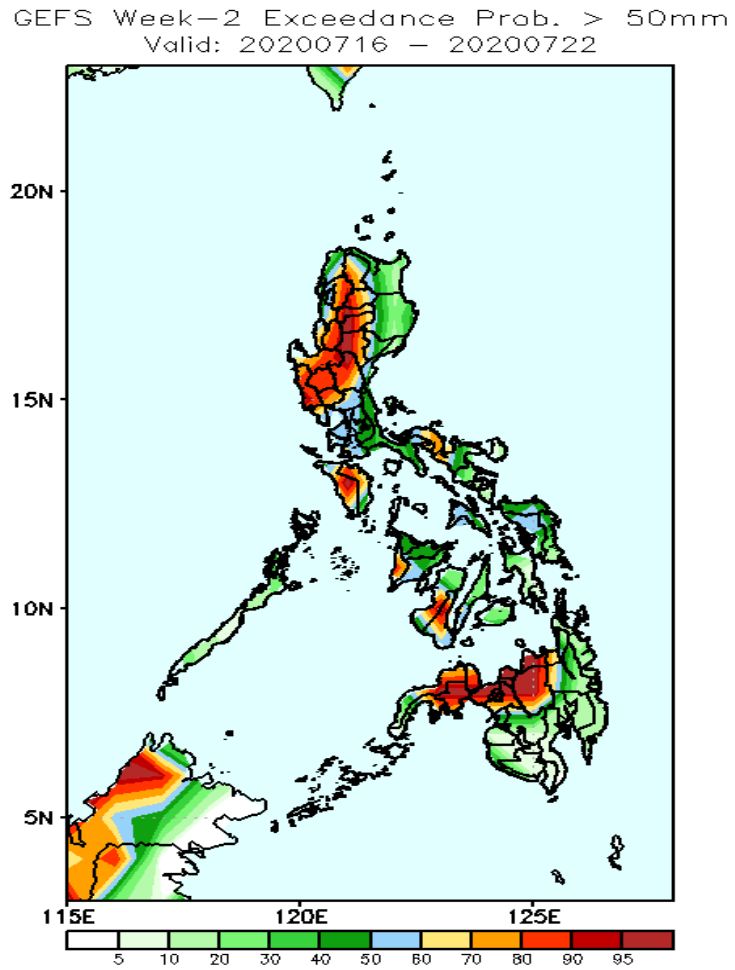
Week 2: Jul 16-22, 2020



Rainfall deficit of 40-100mm is expected in most parts of the country during the forecast period.



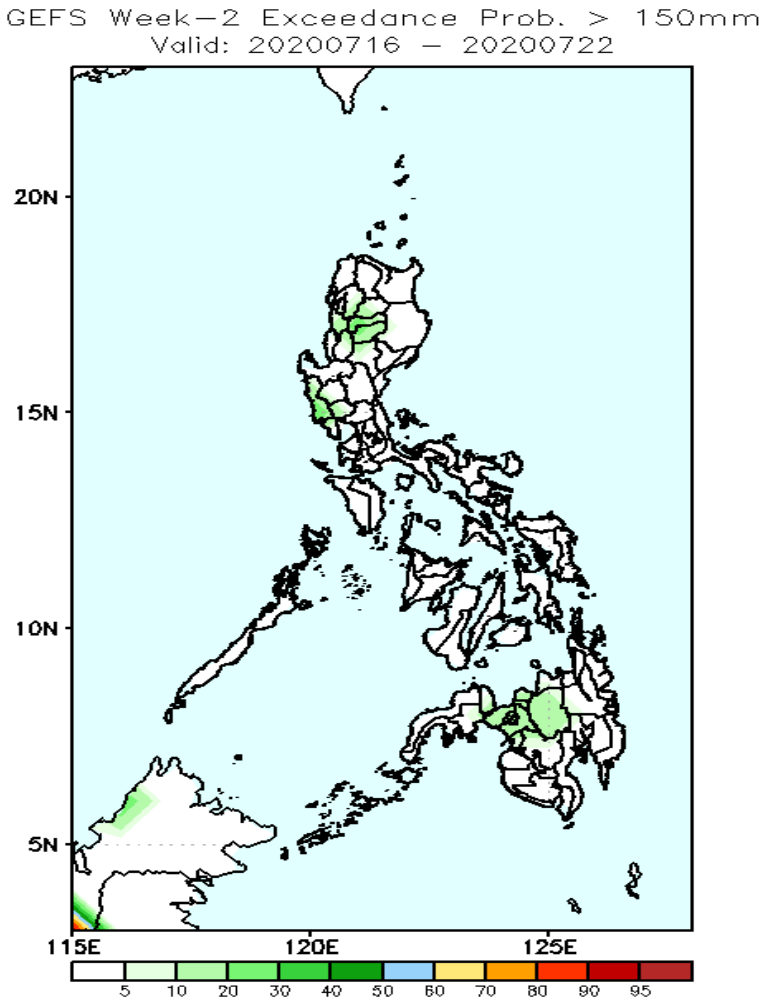
High probability of rainfall to exceed 25mm in most parts of the country is expected during the forecast period.



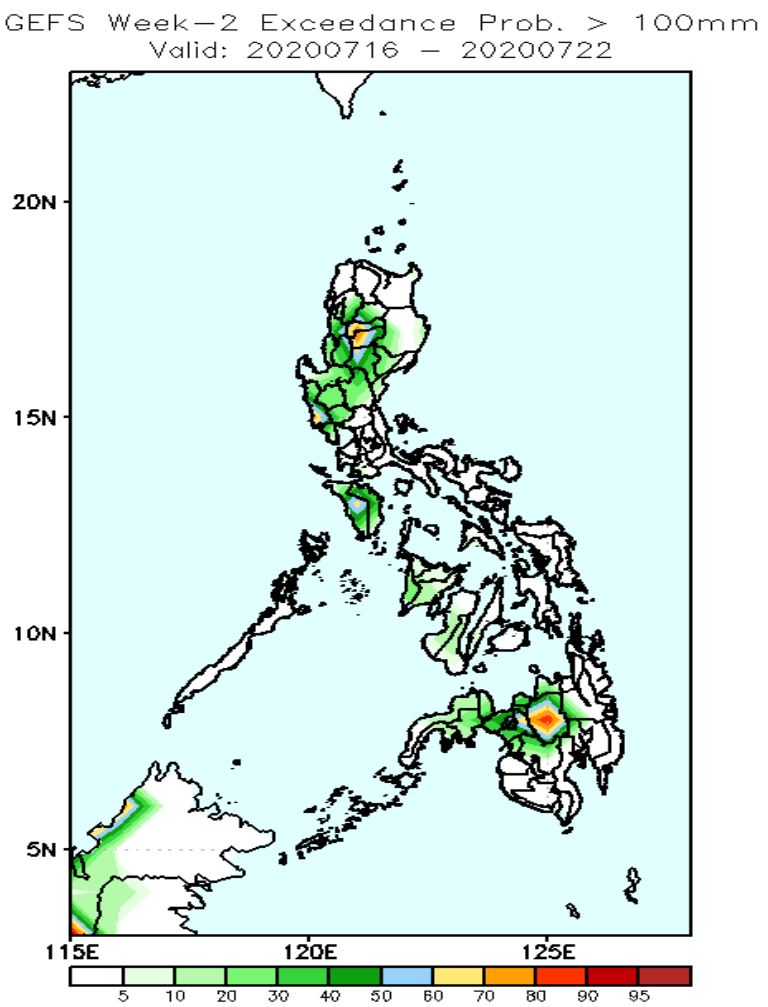
High probability of rainfall to exceed 50mm in most parts of western Luzon, Mindoro and in northern Mindanao and Zamboanga Peninsula while less likely for the rest of the country during the forecast period.

Exceedance Probability > 100/150/200 mm

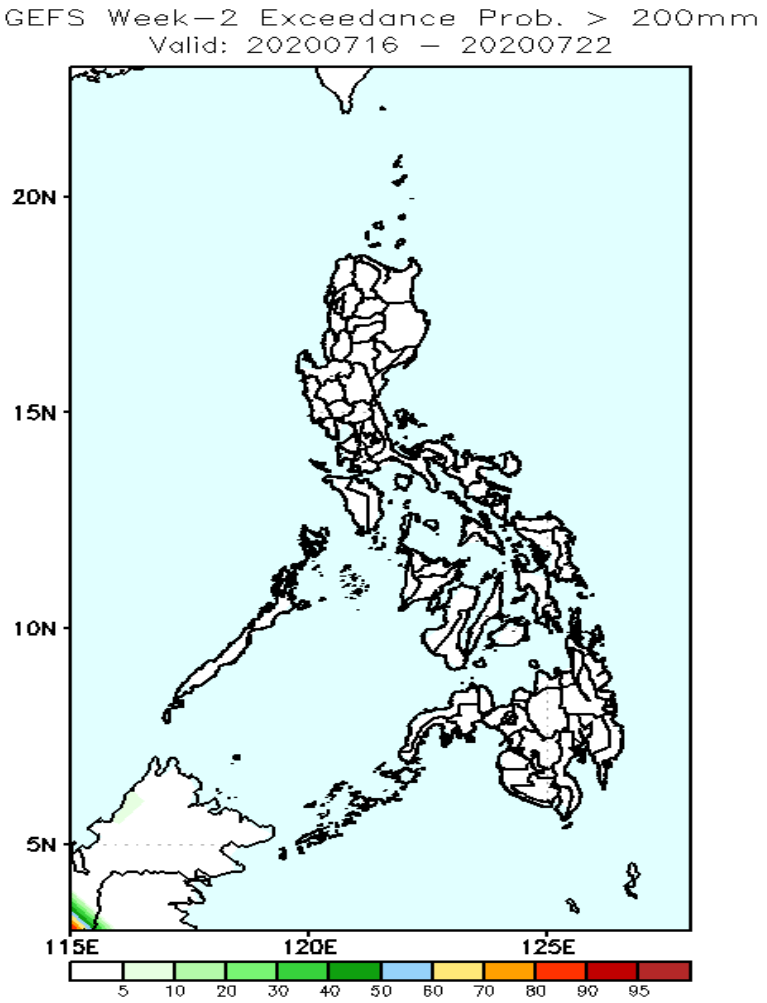
Week 2: Jul 16-22, 2020



High probability of rainfall to exceed 100mm in northern Mindanao and Zamboanga del Sur while less likely for the rest of the country during the forecast period.

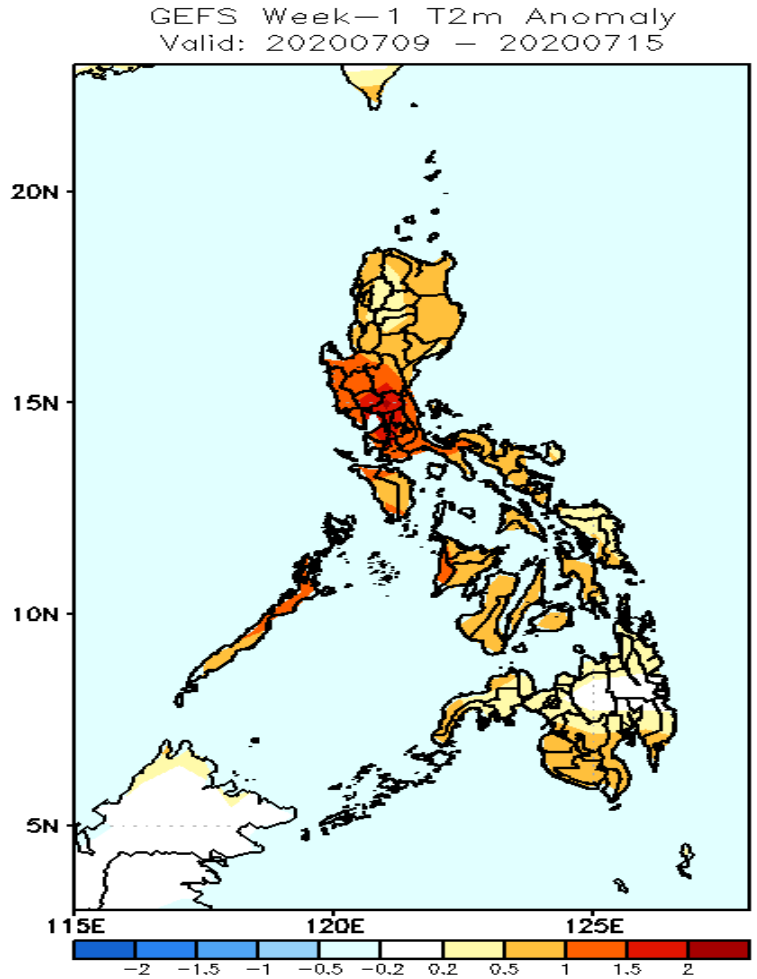


Less probability of rainfall to exceed 150mm in most parts of the country during the forecast period.



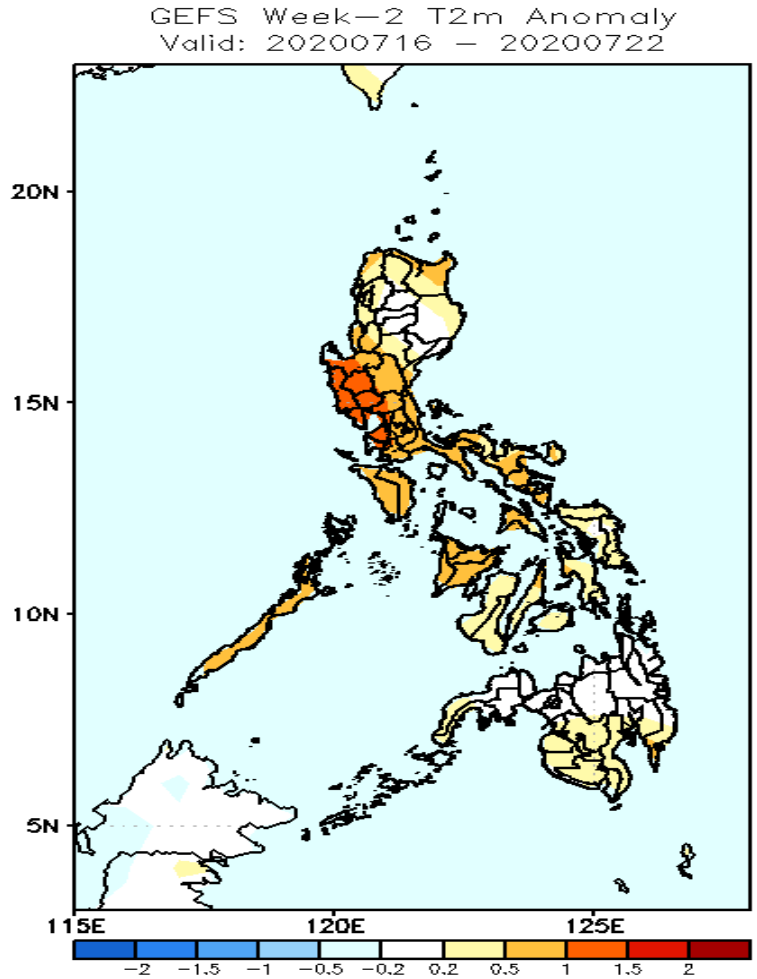
Less probability of rainfall to exceed 200mm in most parts of the country during the forecast period.

GEFS Week-1 & 2 Forecasts: T2m Anomaly



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

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



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

Slightly warmer to warmer than average surface air temperature will likely experience in southern parts of Luzon while average to slightly warmer than average temperature for the rest country during the forecast period.