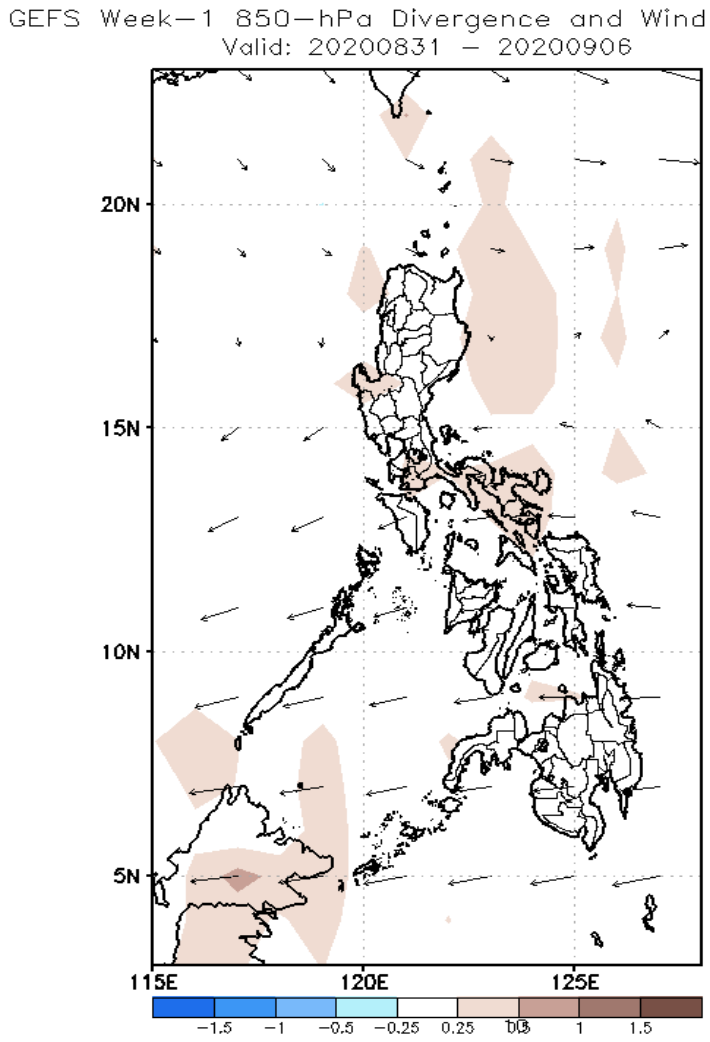
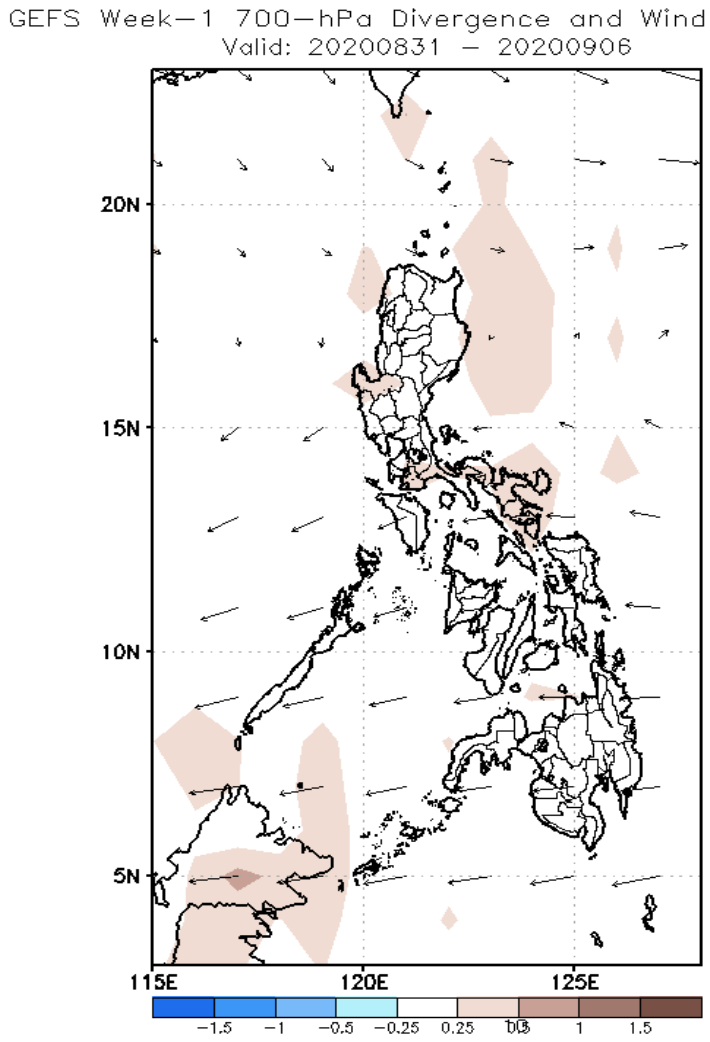
Week 1 & Week 2 Forecast for the Philippines **using GEFS Model**

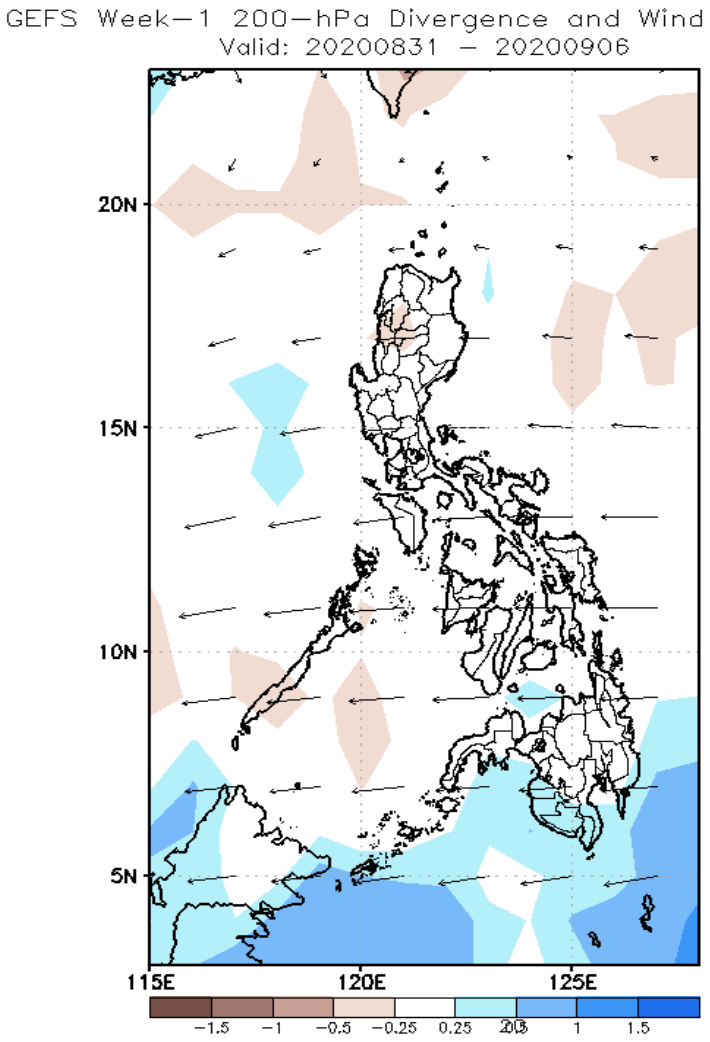
DOST PAGASA
The Weather and Climate Authority

GEFS Week-1 Forecasts: Divergence & Wind Anomaly

Week 1: Aug 31-Sep 06, 2020



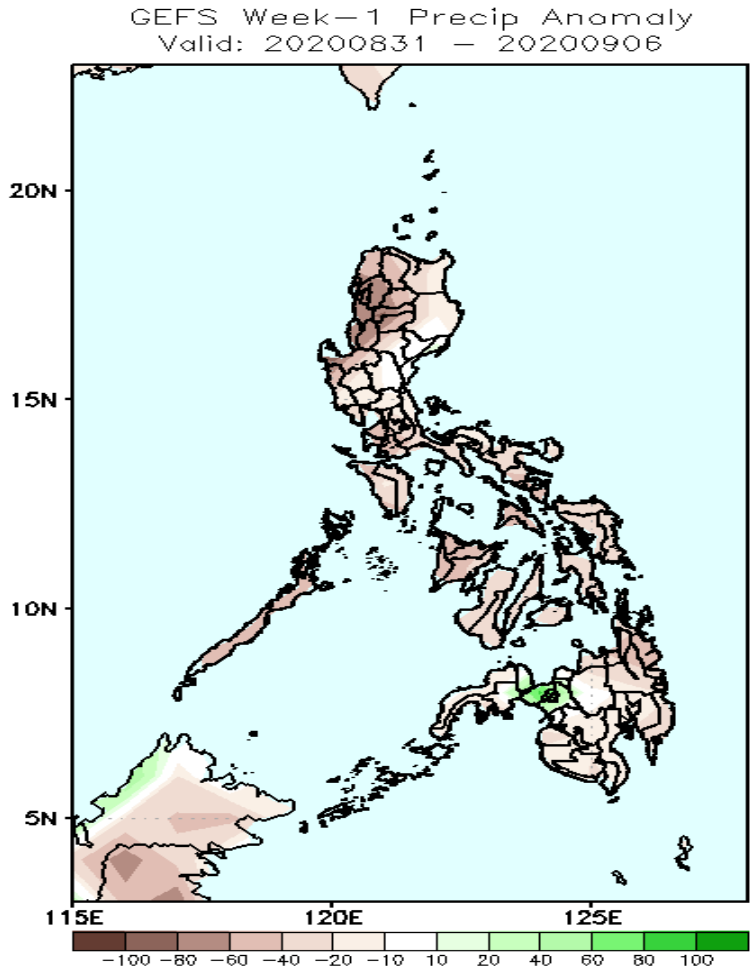




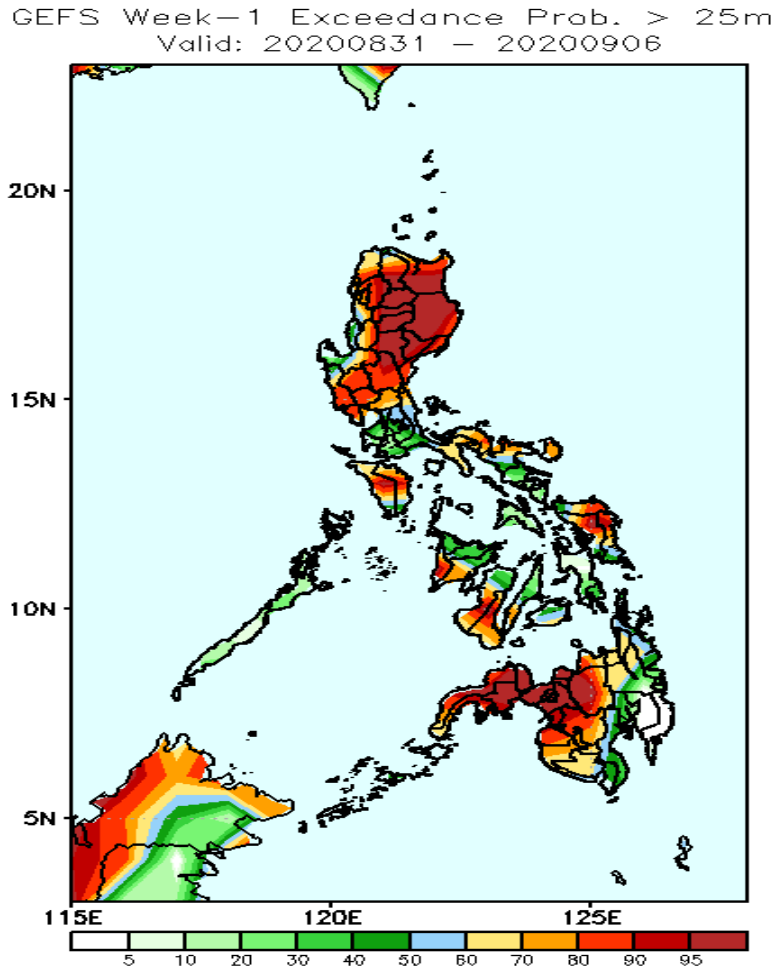
Upper level (200 hPa) Divergence suggest likelihood of heavy precipitation in western Mindanao. Southwest Monsoon affecting western and extreme northern Luzon. Easterlies affecting most parts of the country during the forecast period.

Precipitation Anomaly and Exceedance Probability > 25/50 mm

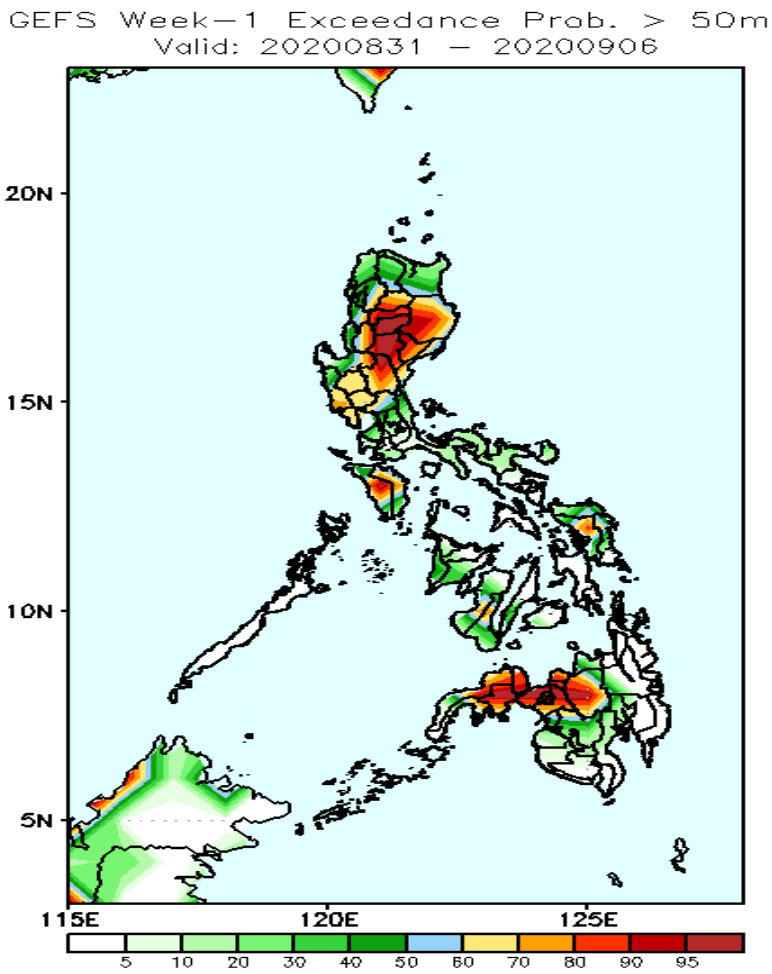
Week 1: Aug 31-Sep 06, 2020



Rainfall deficit of 50-100 mm in northwestern Luzon is expected while 20-80 mm for the rest of the country during the forecast period.



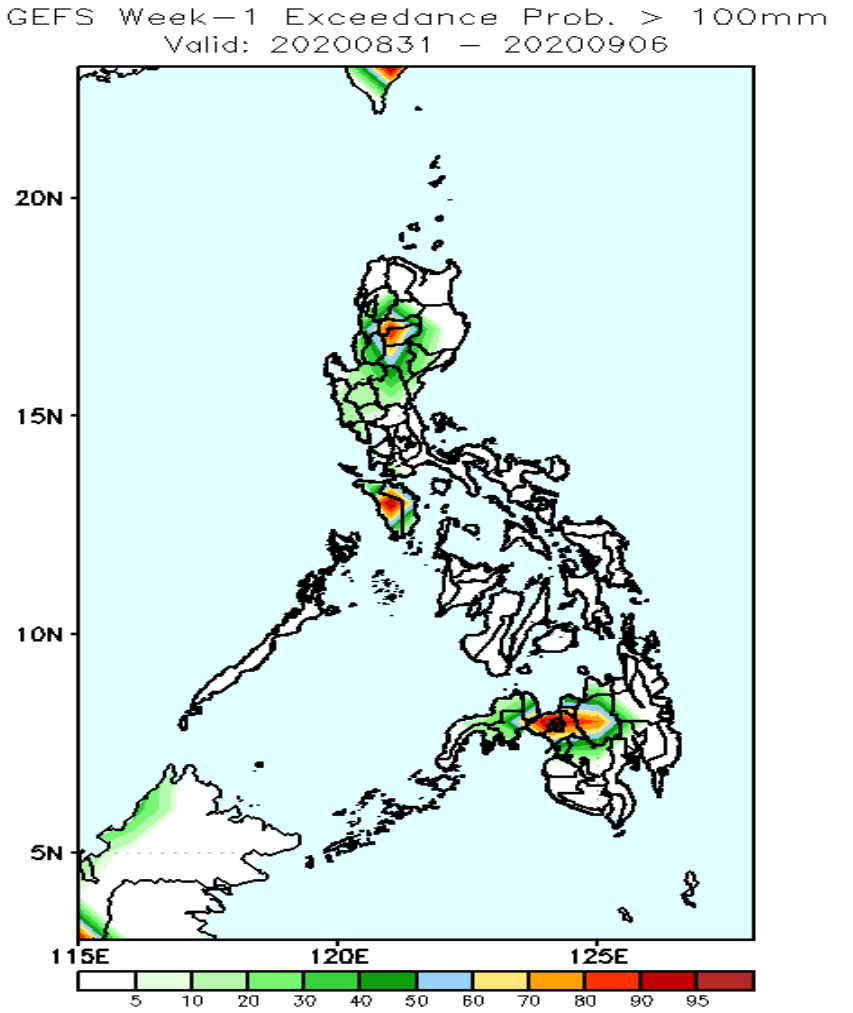
High probability of rainfall to exceed 25mm in most parts of Luzon, Samar provinces, western Visayas, and in northern & western parts of Mindanao while less likely for the rest of the country during the forecast period.



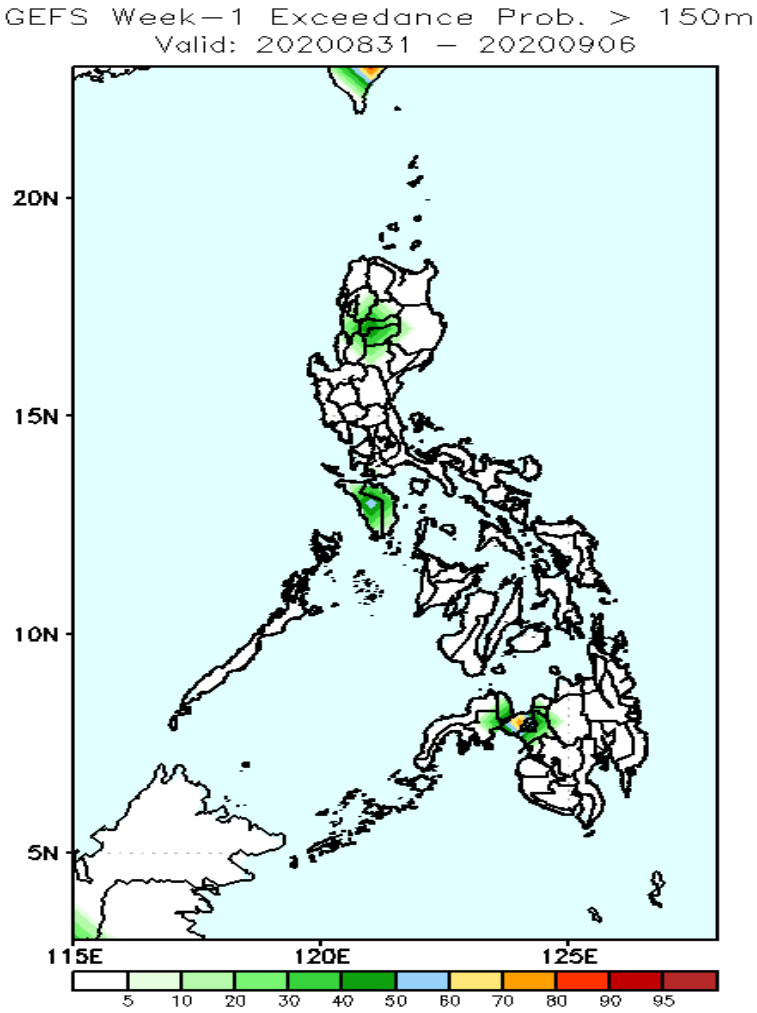
High probability of rainfall to exceed 50mm in most parts of Cordillera Region, Cagayan Valley, Central Luzon, Mindoro, and northwestern parts of Mindanao is expected while less likely for the rest of the country during the forecast period.

Exceedance Probability > 100/150/200 mm

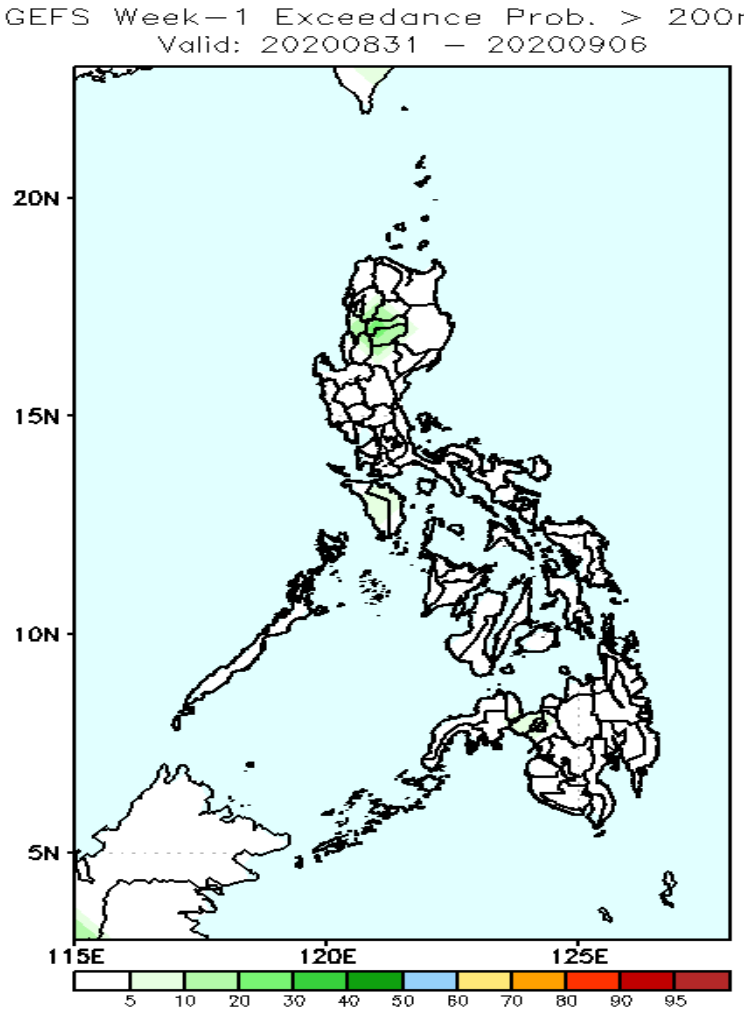
Week 1: Aug 31-Sep 06, 2020



50-90% probability of rainfall to exceed 100mm in Cordillera Region, Mindoro, Bukidnon and Lanao provinces is expected while less likely for the rest of the country during the forecast period.



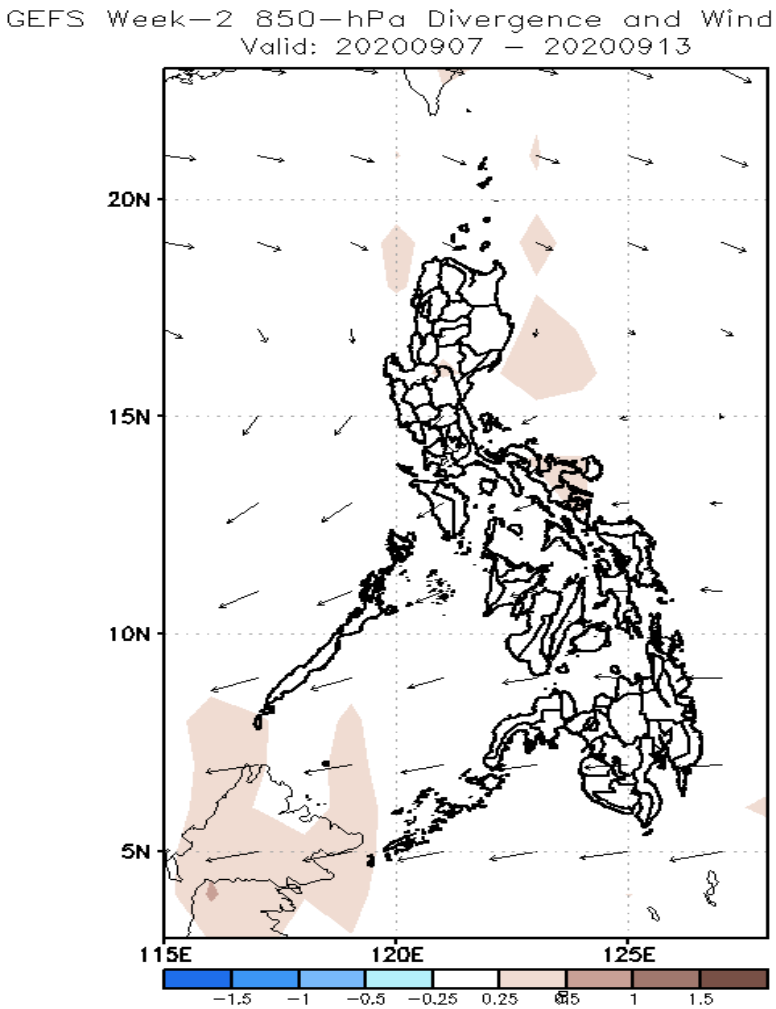
Less probability of rainfall to exceed 150mm in most parts of the country during the forecast period.

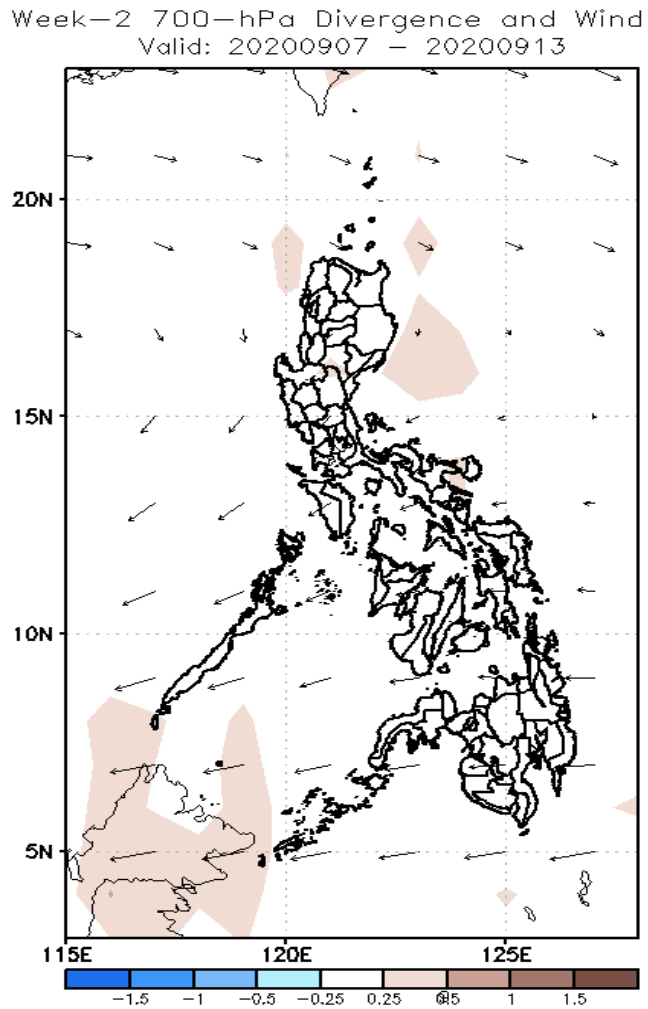


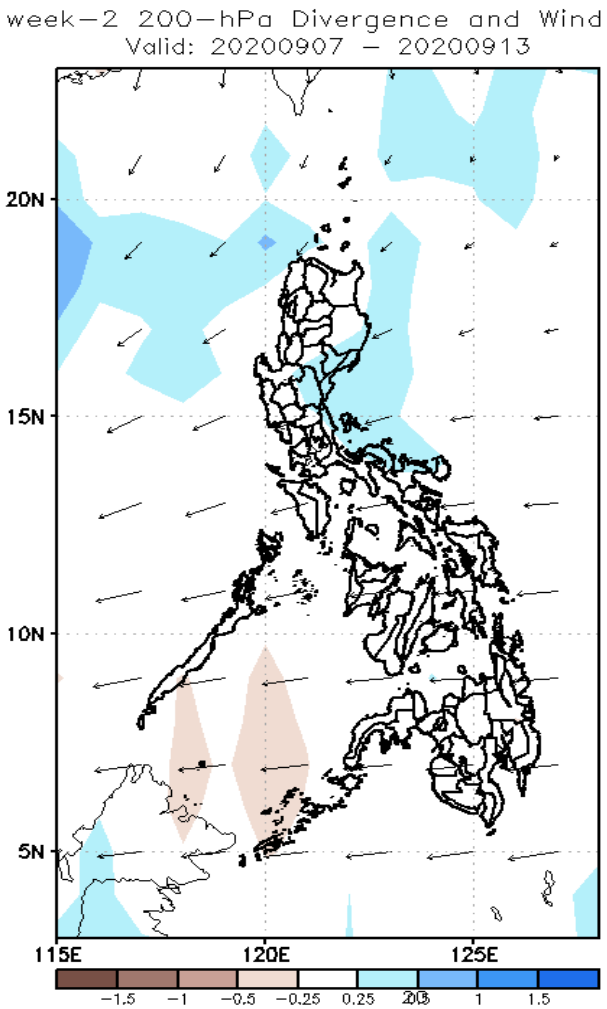
Less probability of rainfall to exceed 200mm in most parts of the country during the forecast period.

GEFS Week-2 Forecasts: Divergence & Wind Anomaly

Week 2: Sep 07-13, 2020



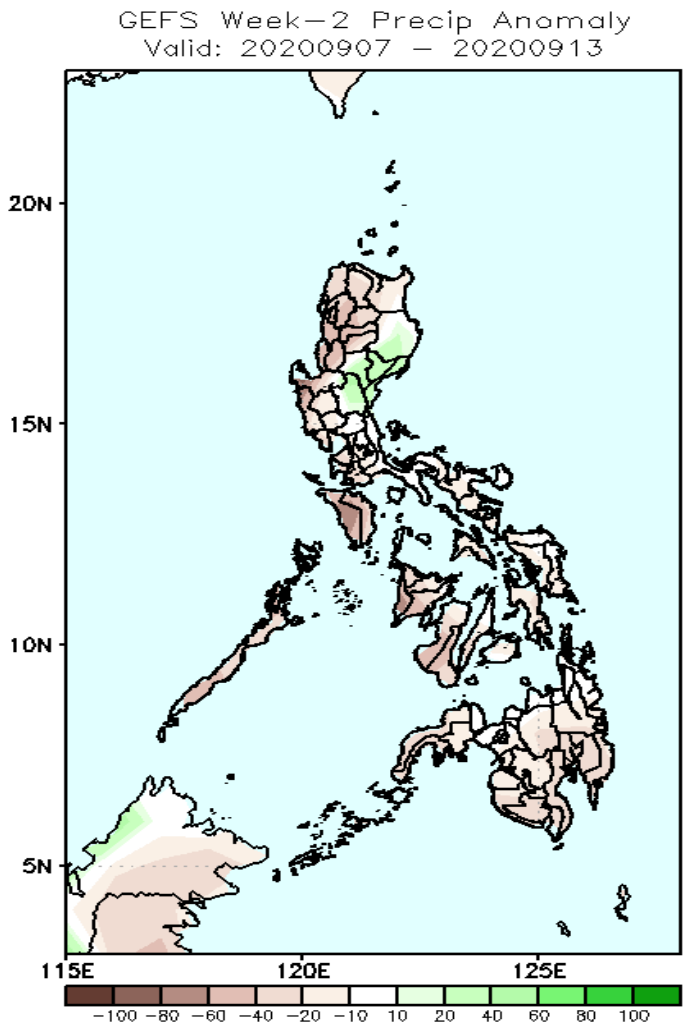




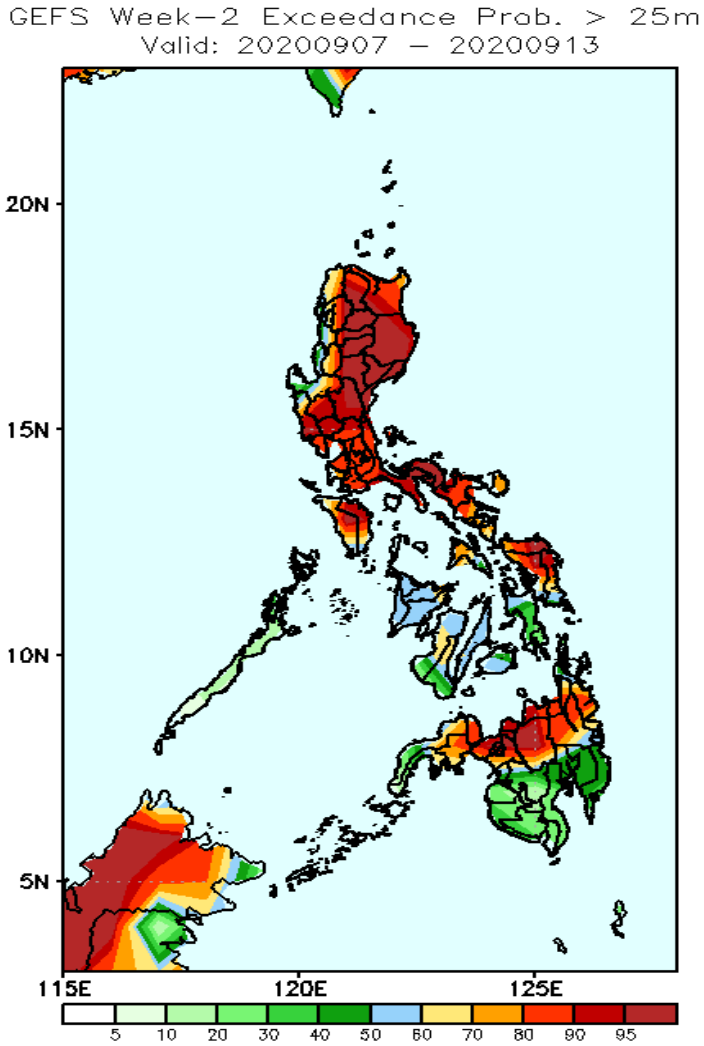
Upper level (200 hPa) Divergence suggest likelihood of heavy precipitation in eastern Luzon. Southwest Monsoon affecting northern Luzon, Easterlies affecting most parts of the country during the forecast period.

Precipitation Anomaly and Exceedance Probability > 25/50 mm

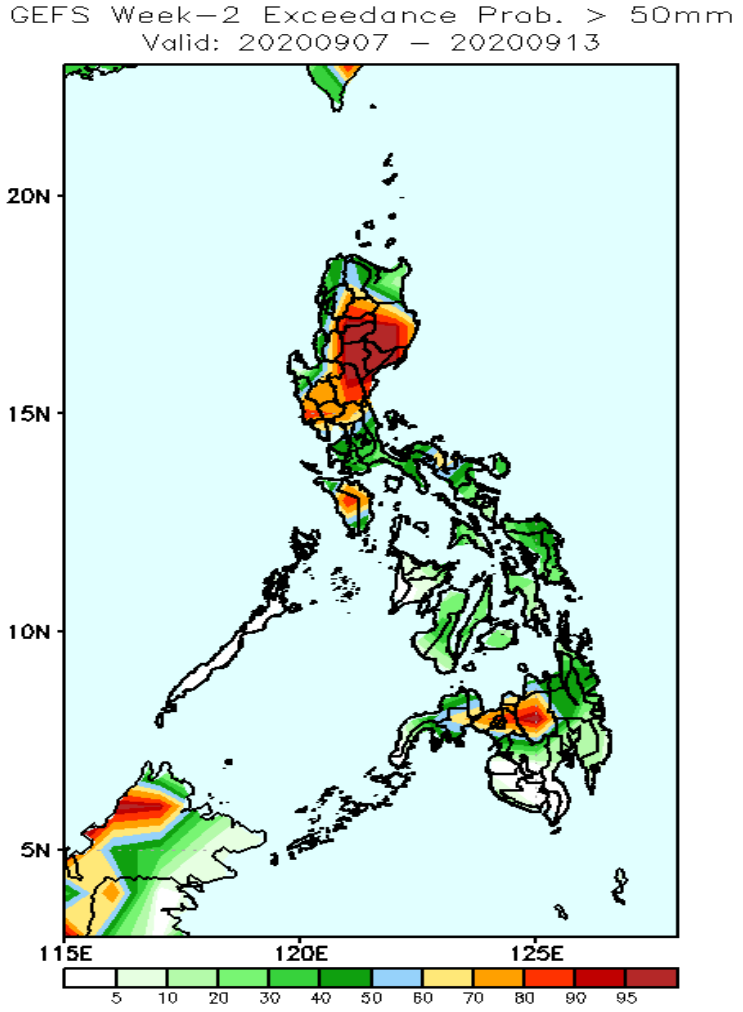
Week 2: Sep 07-13, 2020



Rainfall deficit of up to 40mm in most parts of the country is expected except in southeastern parts of Luzon where an increase of rainfall of 20-40mm is likely during the forecast period.



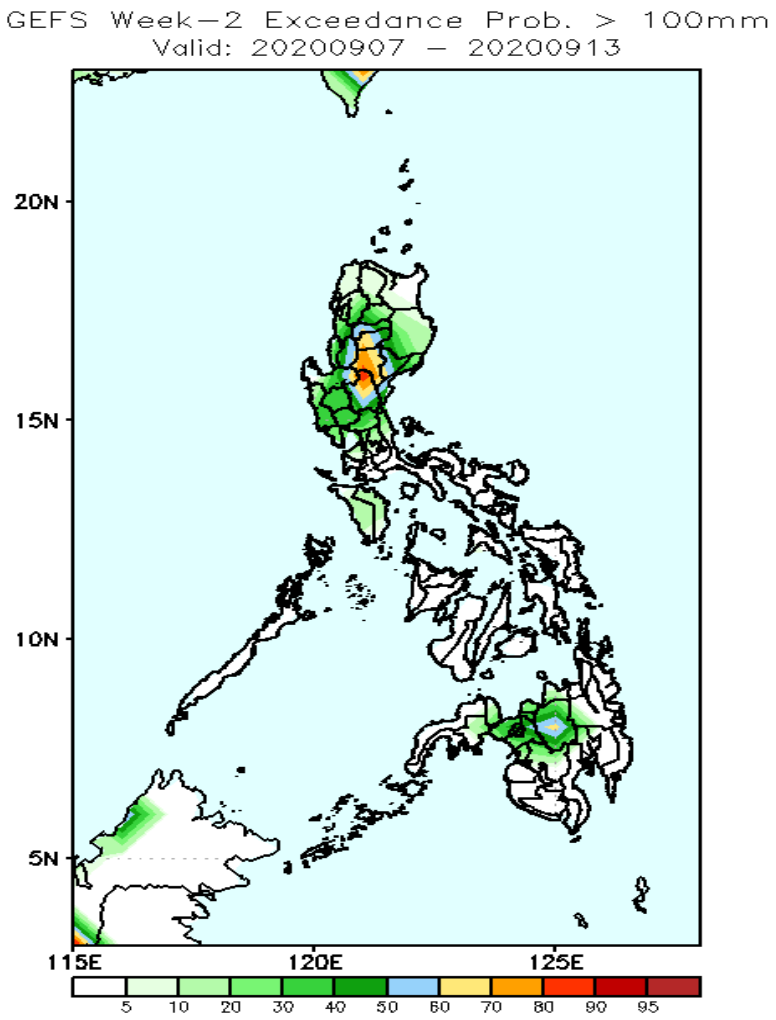
High probability of rainfall to exceed 25mm in most parts of Luzon, eastern Visayas, and northern half of Mindanao is expected Mindanao while less likely for the rest of the country during the forecast period.



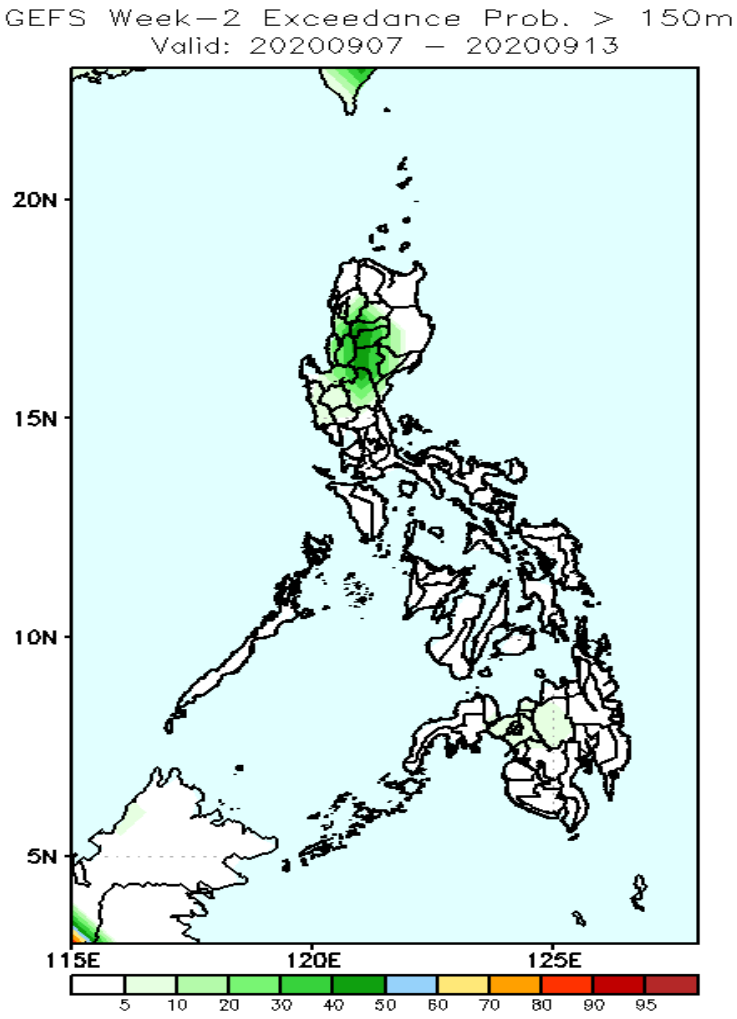
High probability of rainfall to exceed 50mm in Cordillera Region, Central Luzon, Mindoro and northwestern parts of Mindanao is expected while less likely for the rest of the country during the forecast period.

Exceedance Probability > 100/150/200 mm

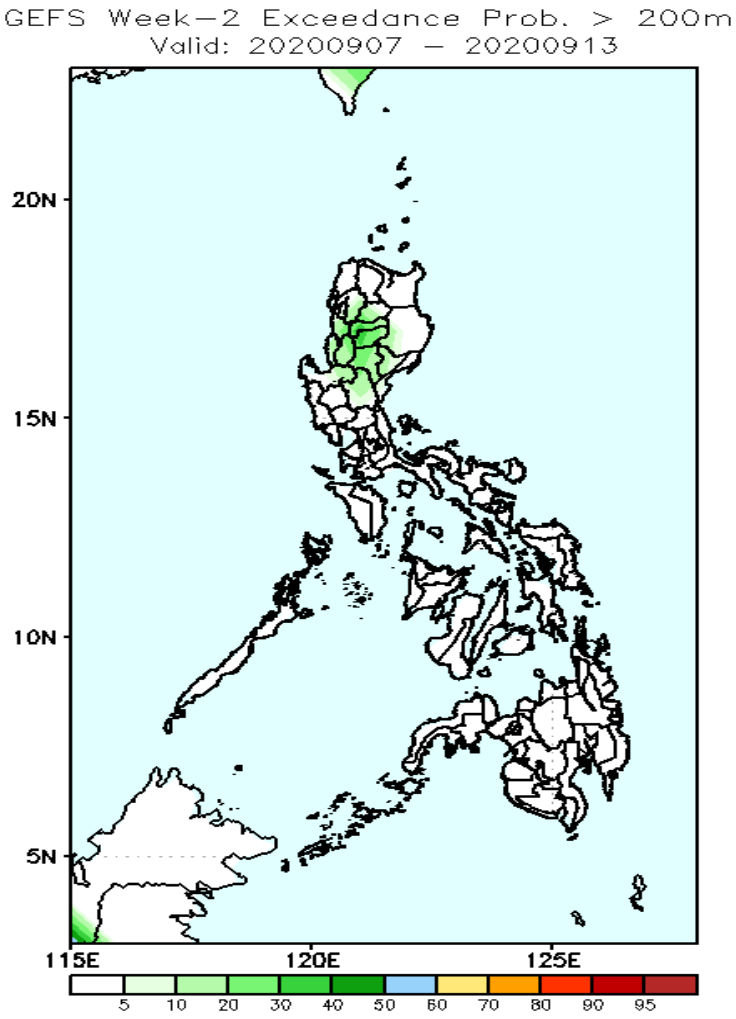
Week 2: Sep 07-13, 2020



60-85% probability of rainfall to exceed 100mm Ifugao, Nueva Viscaya, Nueva Ecija and Bukidnon is expected while less likely for the rest of the country during the forecast period.

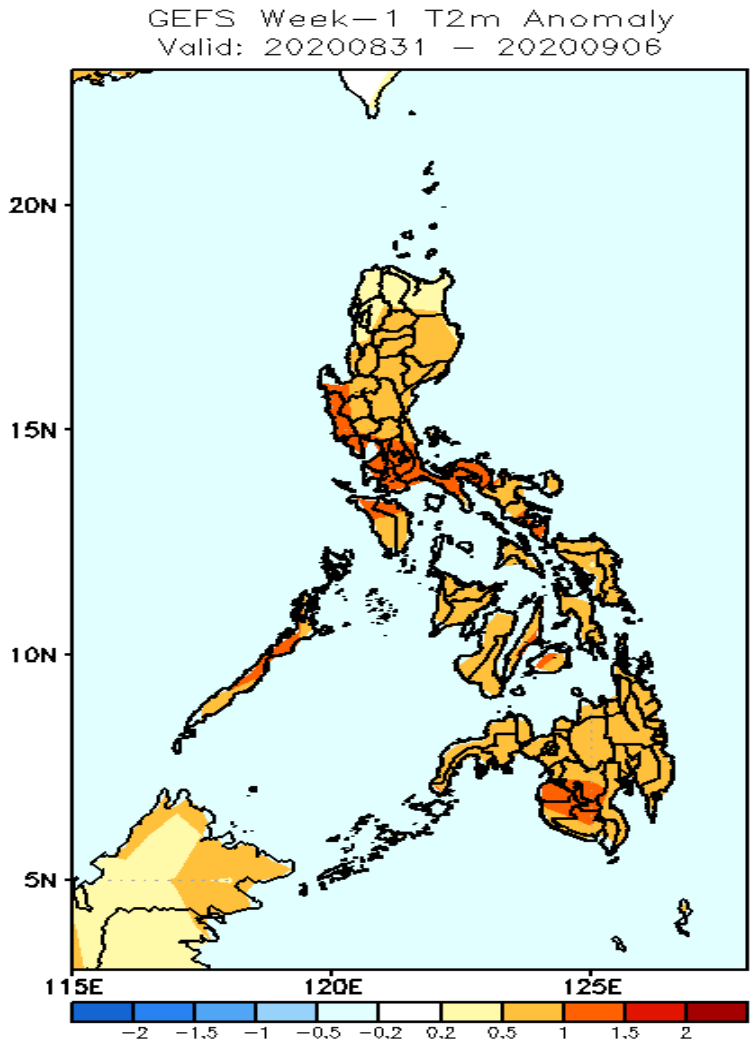


Less probability of rainfall to exceed 150mm in most parts of the country during the forecast period.



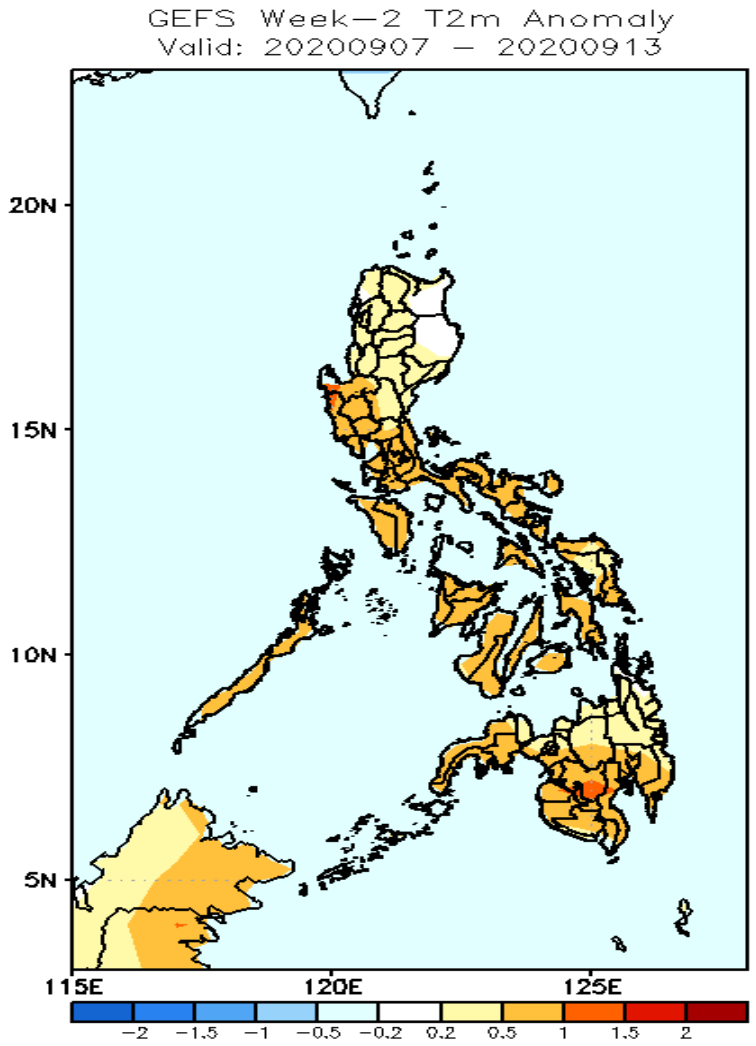
Less probability of rainfall to exceed 200mm in most parts of the country during the forecast period.

GEFS Week-1 & 2 Forecasts: T2m Anomaly



2m Temperature Week 1: Aug 31-Sep 06, 2020

Slightly warmer to warmer than average surface air temperature will likely experience in most parts of the country especially in southern parts of Luzon and Mindanao during the forecast period.



2m Temperature Week 2: Sep 07-13, 2020

Average to slightly warmer than average surface air temperature will likely experience in most parts of the country during the forecast period.