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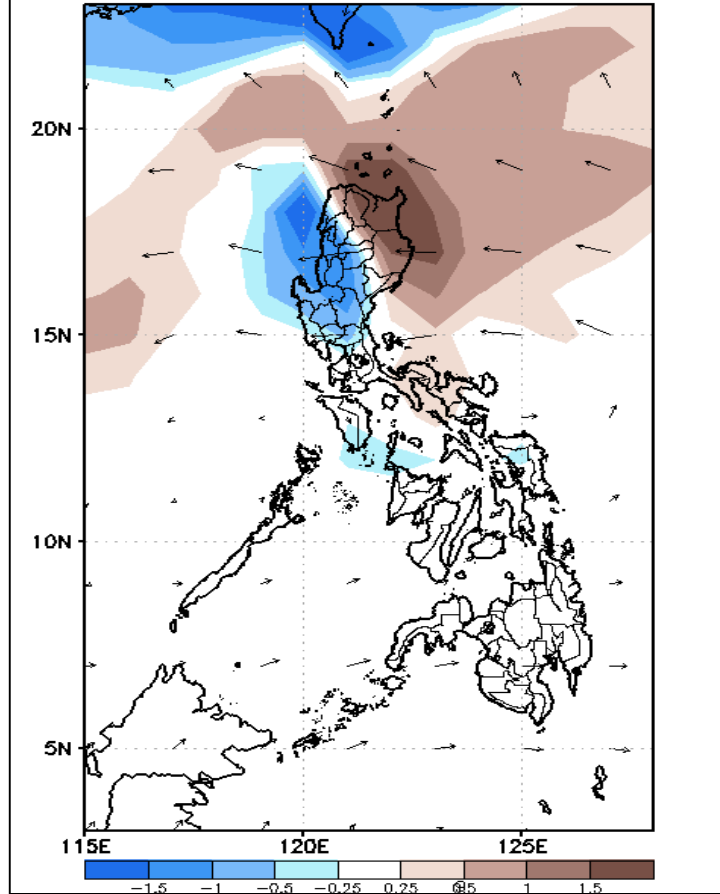
# Week 1 & Week 2 Forecast for the Philippines using GEFS Model



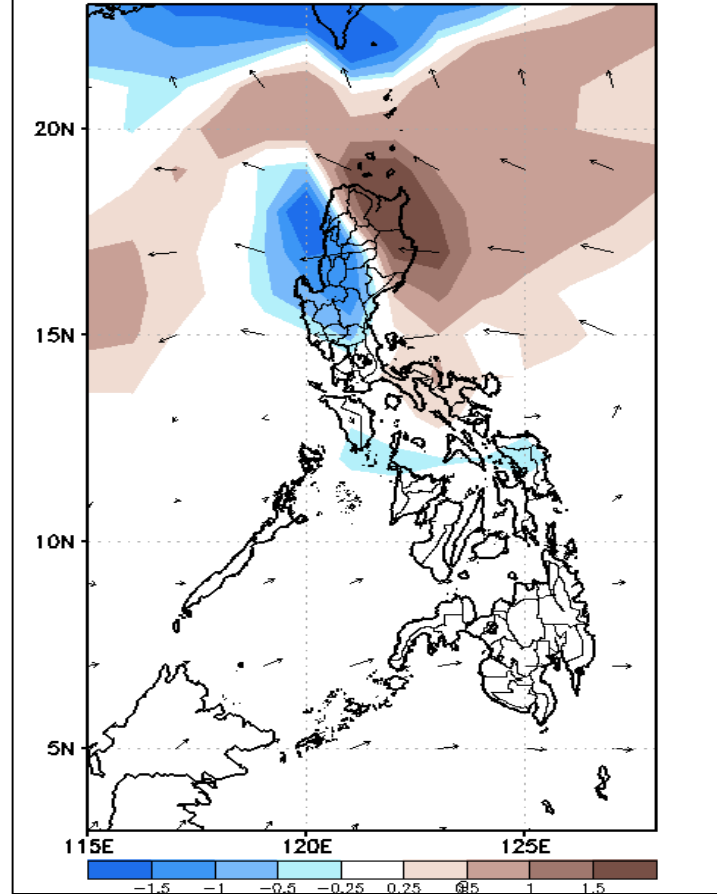
# GEFS Week-1 Forecasts: Divergence & Wind

Week 1: Dec 2 - 8, 2019

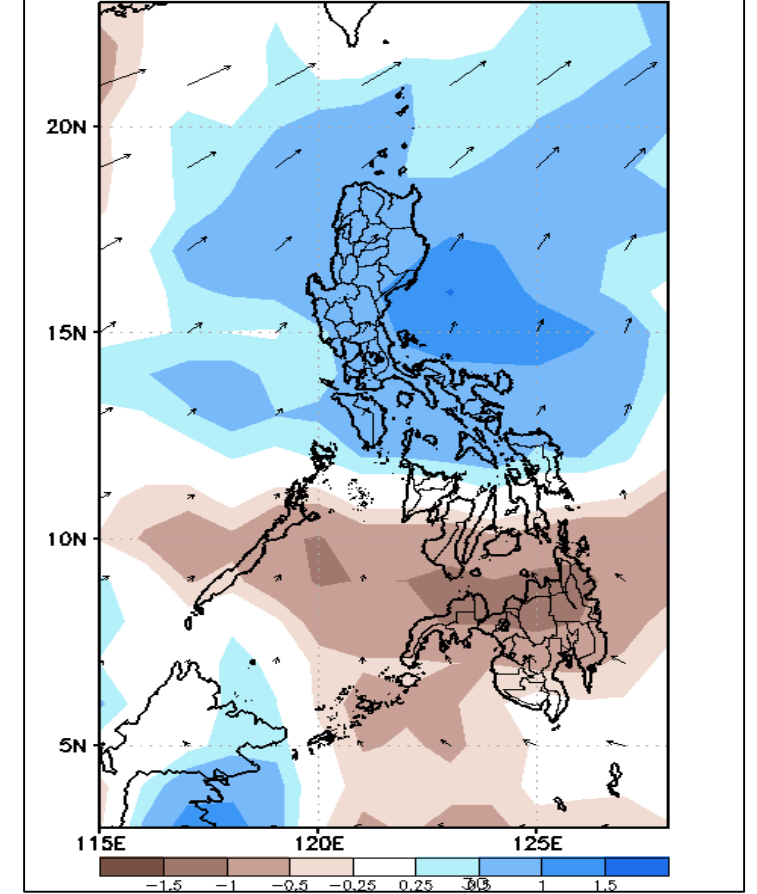
GEFS Week-1 850-hPa Divergence and Wind  
Valid: 20191202 - 20191208



GEFS Week-1 700-hPa Divergence and Wind  
Valid: 20191202 - 20191208



GEFS Week-1 200-hPa Divergence and Wind  
Valid: 20191202 - 20191208

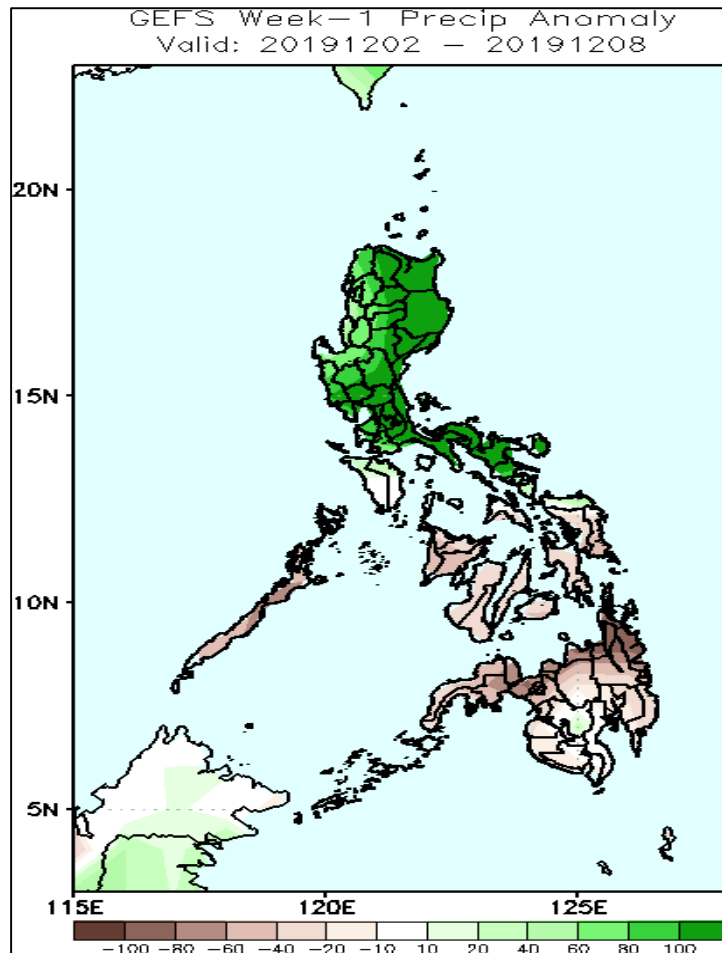


Low level (850 hPa) Divergence (Brown shaded color) suggest likelihood of heavy precipitation in most parts of Luzon and northern Visayas during the forecast period. Moreover a cyclonic wind pattern is affecting Luzon and Visayas during the forecast period.

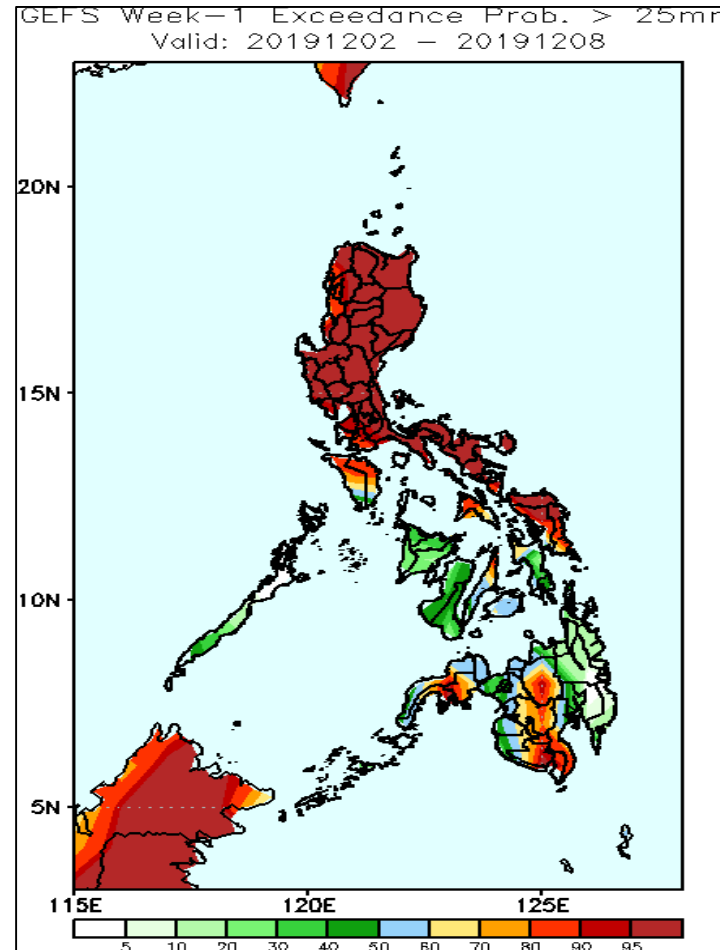


# Precipitation Anomaly and Exceedance Probability > 25/50 mm

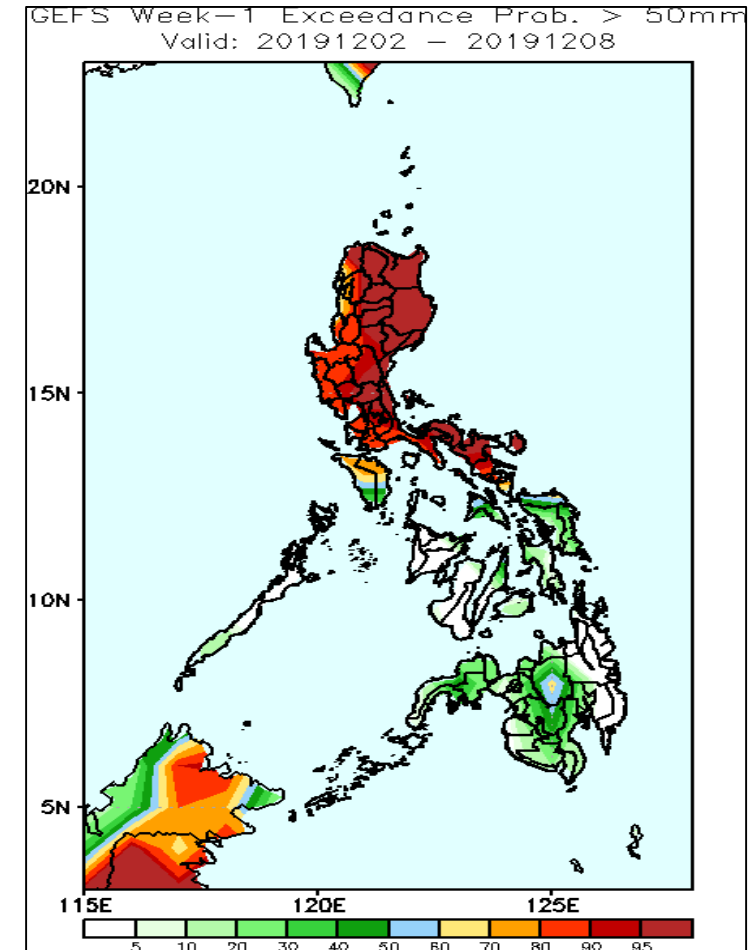
Week 1: Dec 2 - 8, 2019



Increase of rainfall up to 100 mm in Luzon and northern Samar is expected while the rest of the country will likely have a rainfall deficit of up to 100 mm.



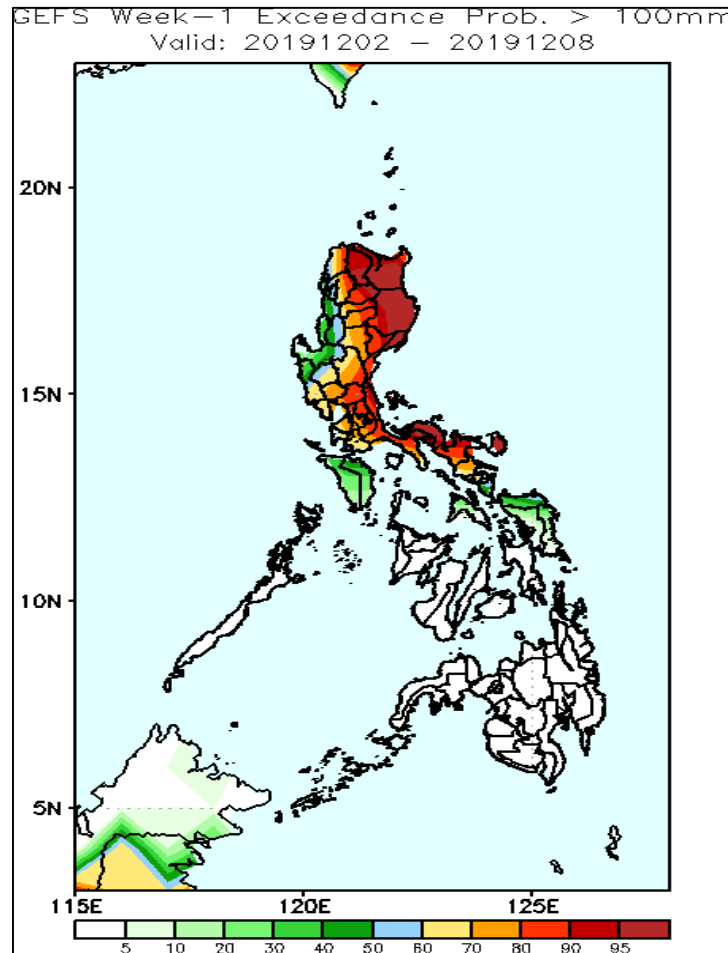
High probabilities for rainfall exceeding 25mm in most parts of Luzon, Mindoro, Masbate, Samar provinces, Zamboanga del Sur and central and southern Mindanao while less likely for the rest of the country.



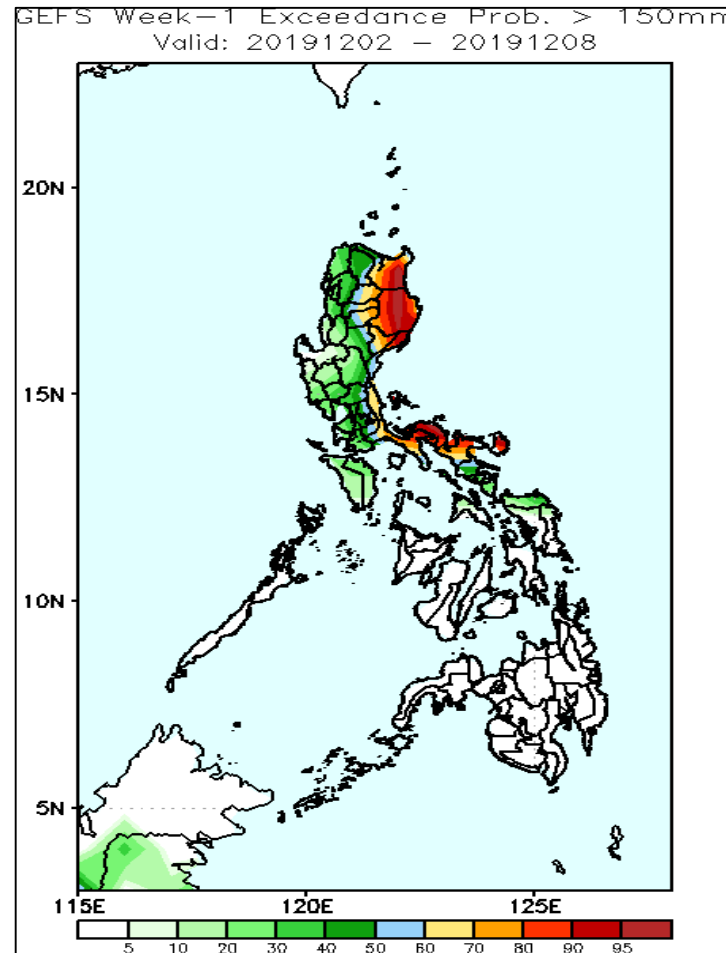
High probabilities for rainfall exceeding 50mm in most parts of Luzon and Mindoro provinces while less likely for the rest of the country.

# Exceedance Probability > 100/150/200 mm

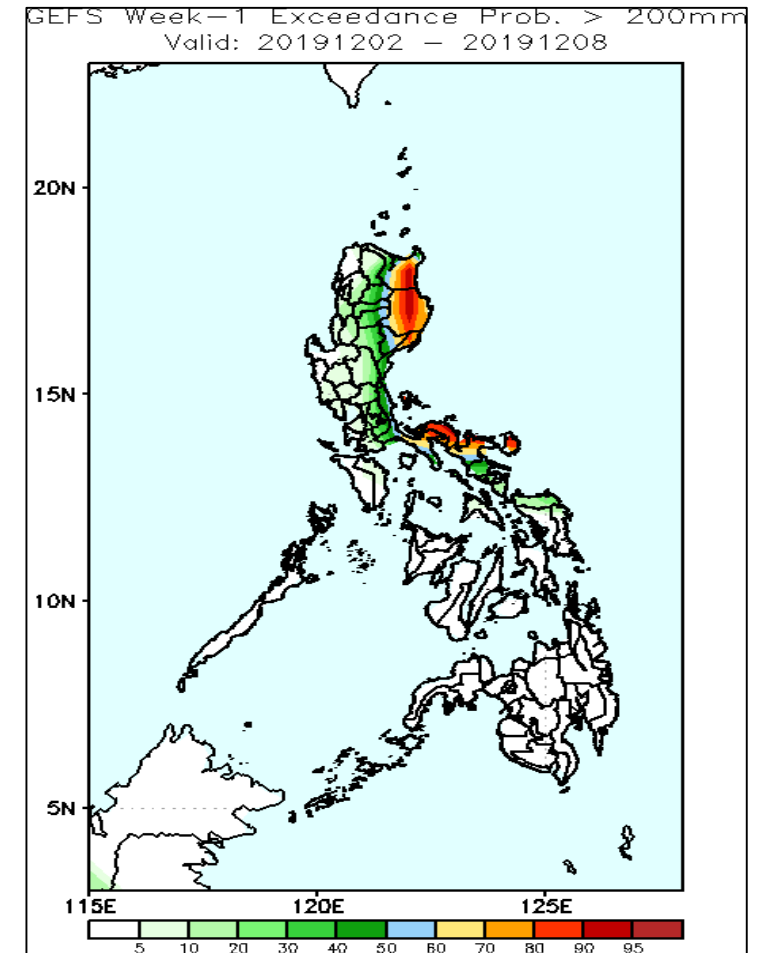
Week 1: Dec 2-8, 2019



High probabilities for rainfall exceeding 100mm in most parts of Luzon while less likely for the rest of the country.



High probabilities for rainfall exceeding 150mm in eastern Luzon and Bicol region while less likely for the rest of the country.



High probabilities of rainfall to exceed 200 mm in Cagayan, Isabela and Bicol region while less likely for the rest of the country.



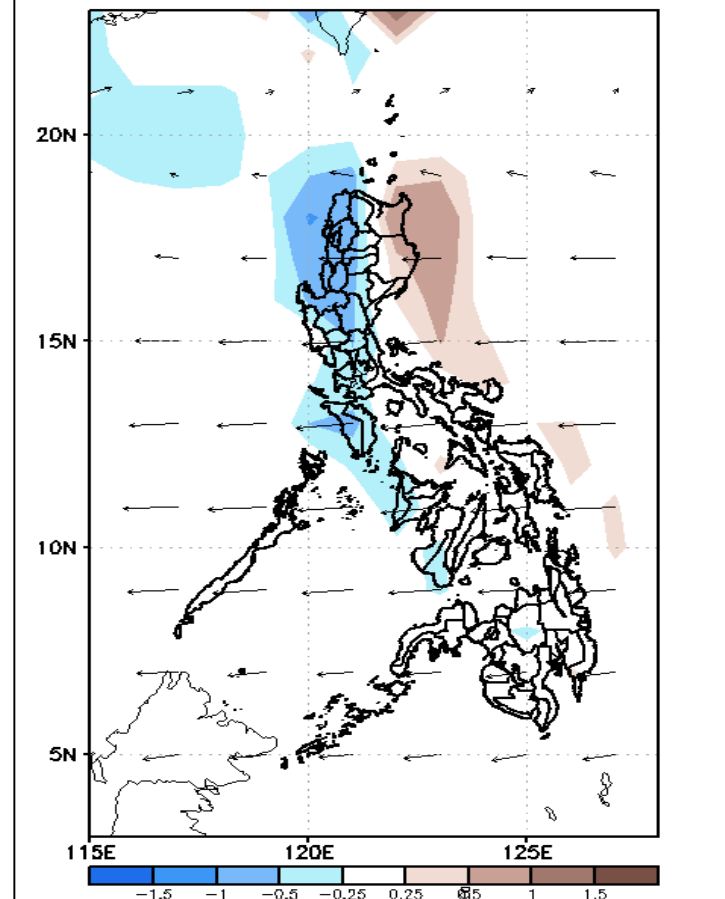
The Weather and Climate Authority



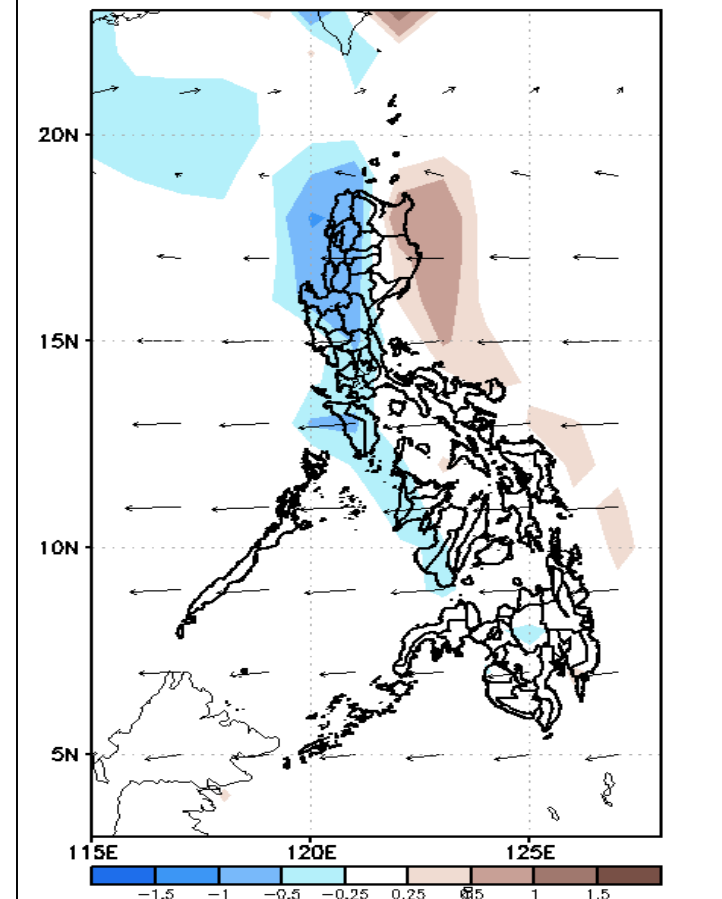
# GEFS Week-2 Forecasts: Divergence & Wind

Week 2: Dec 9 - 15, 2019

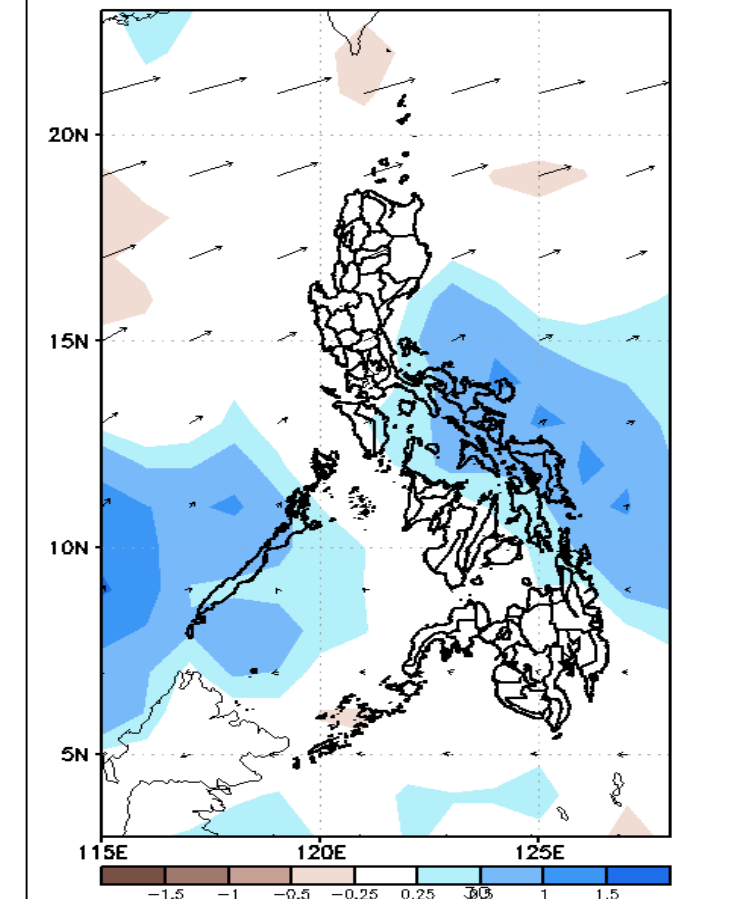
GEFS Week-2 850-hPa Divergence and Wind  
Valid: 20191209 - 20191215



GEFS Week-2 700-hPa Divergence and Wind  
Valid: 20191209 - 20191215



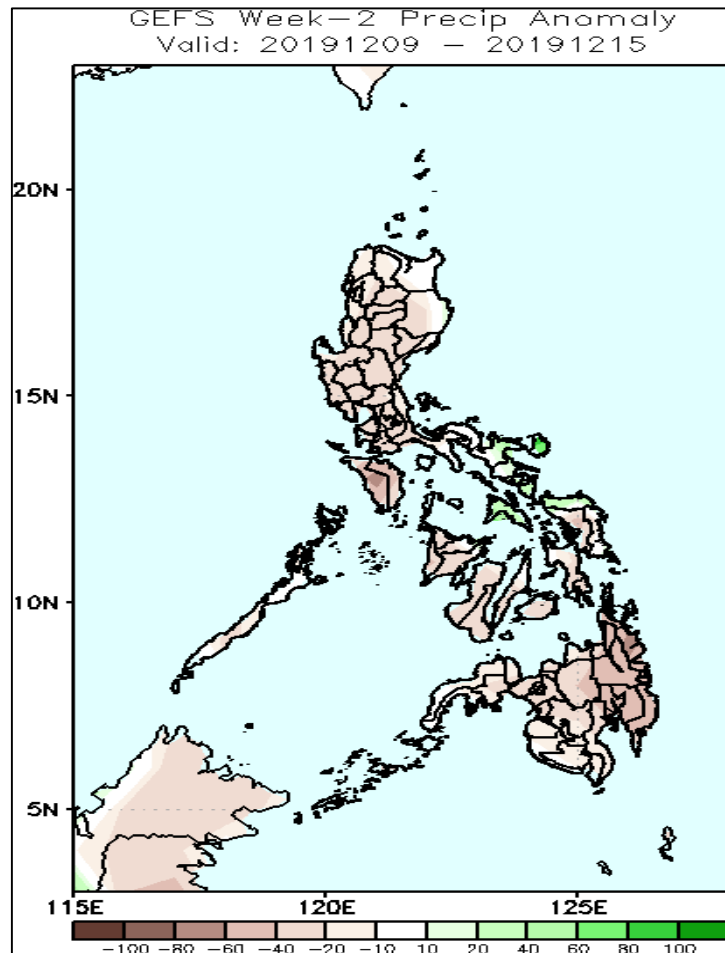
GEFS week-2 200-hPa Divergence and Wind  
Valid: 20191209 - 20191215



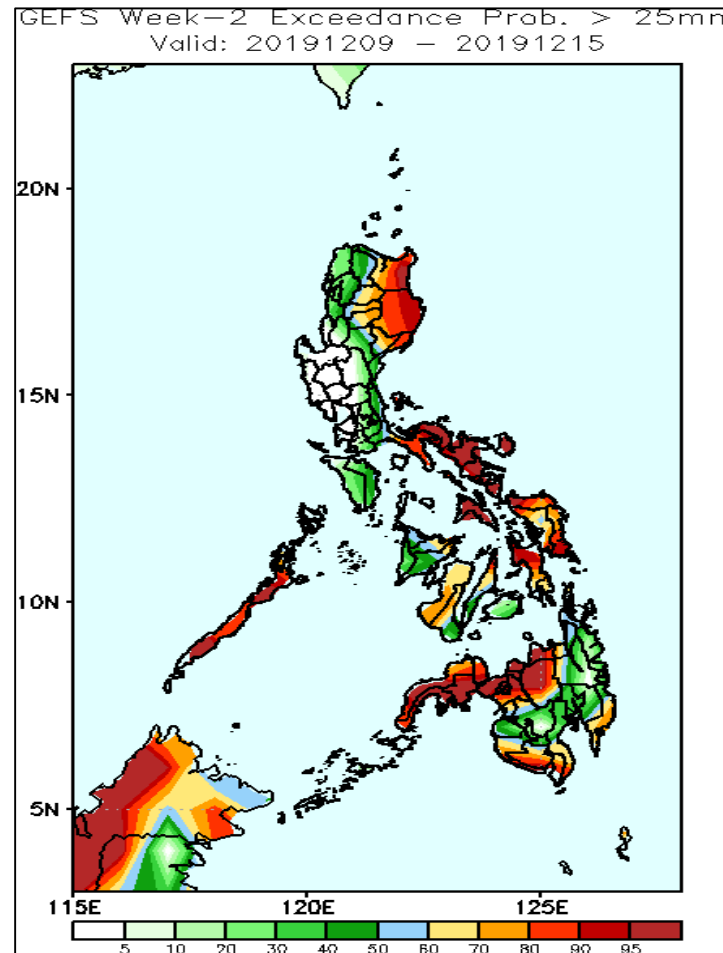
Low level (850 hPa) Divergence (Brown shaded color) suggest likelihood of precipitation in northern and central Luzon. Easterly winds affecting most parts Luzon during the forecast period.

# Precipitation Anomaly and Exceedance Probability > 25/50 mm

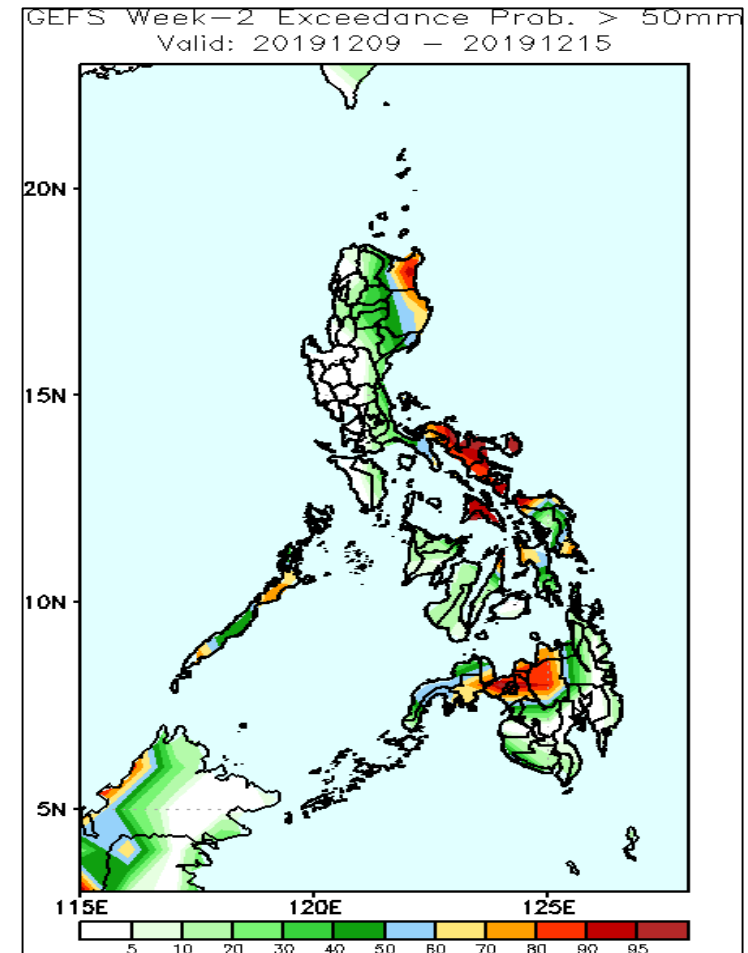
Week 2: Dec 9 - 15, 2019



Most parts of the country will likely have a rainfall deficit of up to 60 mm except for Albay, Sorsogon, Masbate and northern Luzon where an increase of 20mm is expected.



High probabilities for rainfall exceeding 25mm in Cagayan, Isabela, CAR, Southern Luzon, most parts of Visayas, Palawan, northern and southern Mindanao, Zamboanga peninsula and Davao Oriental while less likely for the rest of the country.

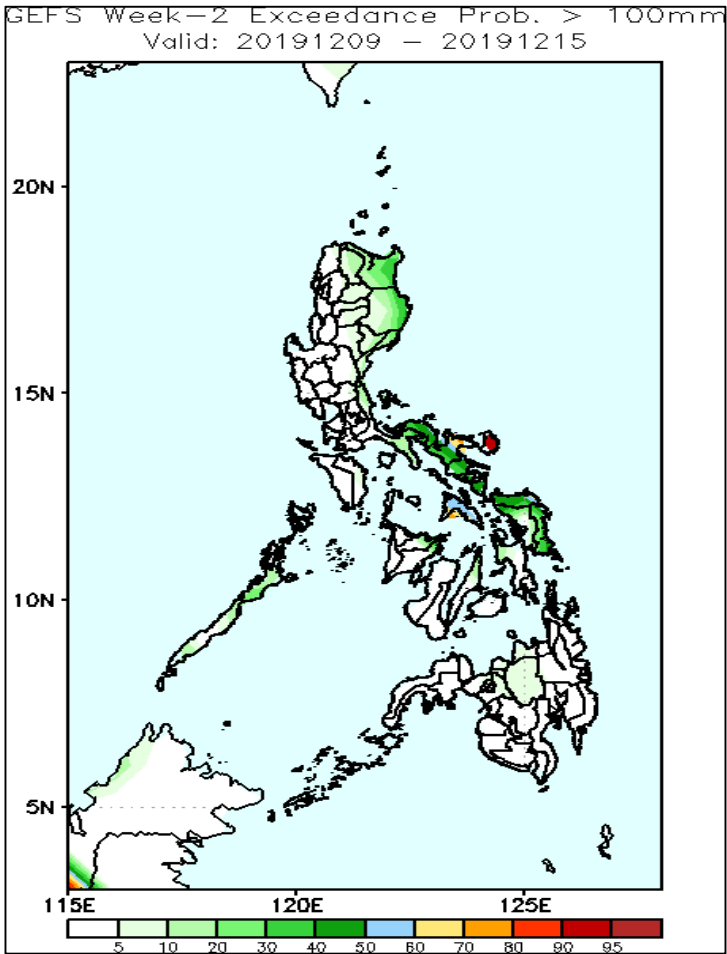


High probabilities for rainfall exceeding 50mm in Cagayan, Isabela, southern Luzon, Masbate, Misamis Oriental, Bukidnon, Lanao del Norte and Zamboanga del Sur while less likely for the rest of the country.

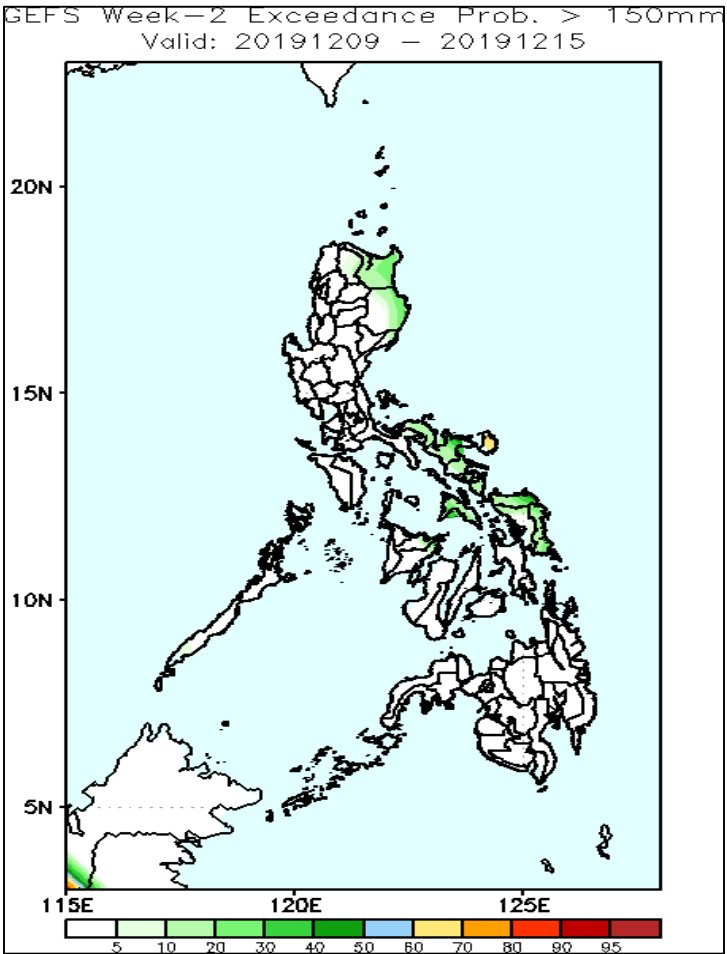


# Exceedance Probability > 100/150/200 mm

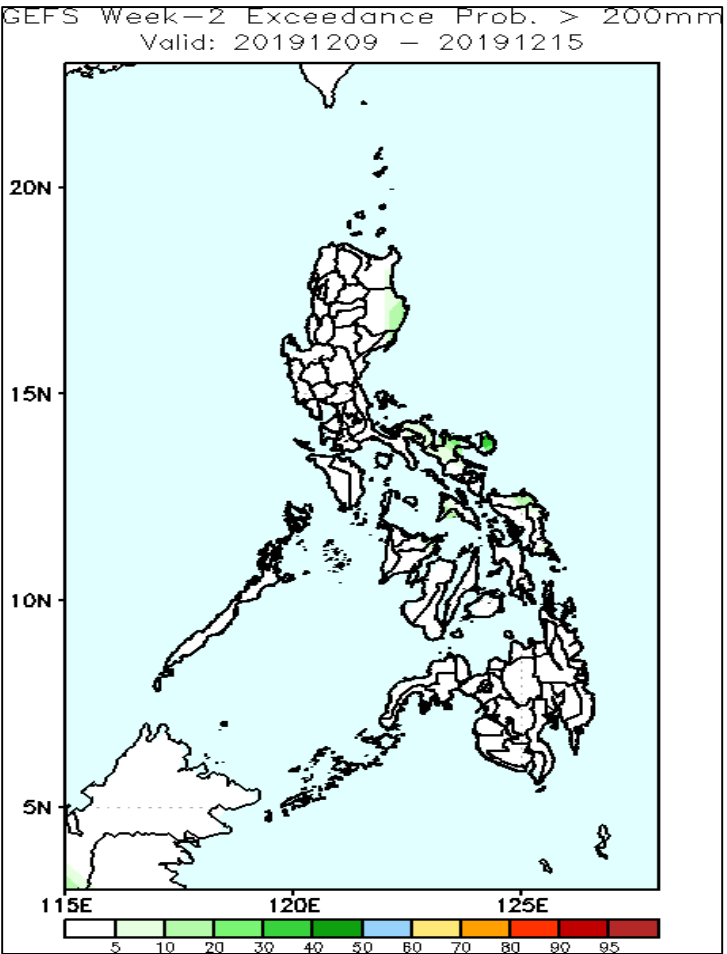
Week 2: Dec 9 - 15, 2019



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

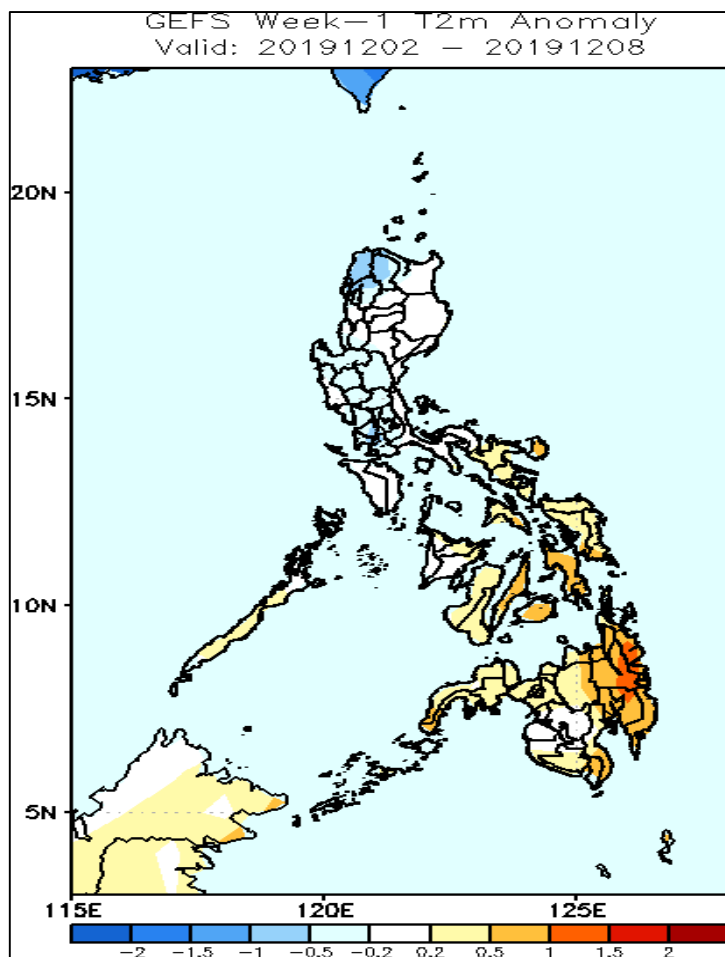


Less probability of rainfall to exceed 150 mm in most parts of the country during the forecast period.



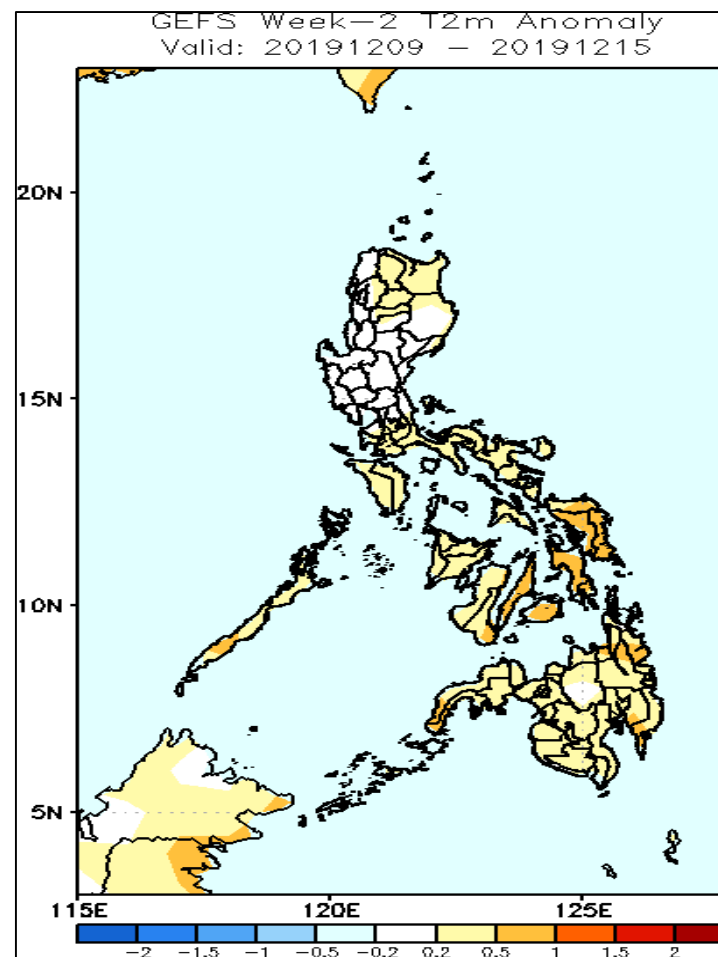
Less probability of rainfall to exceed 200 mm in most parts of the country during the forecast period.

# GEFS Week-1 & 2 Forecasts: T2m Anomaly



## 2m Temperature Week1 (Dec 2-8, 2019)

Near to slightly cooler than average surface air temperature will likely experience in most parts of Luzon while slightly warmer to warmer than normal for the rest of the country.



## 2m Temperature Week 2: Dec 9 - 15, 2019

Slightly warmer to warmer than average surface air temperature are expected in most parts of the country during the forecast period.