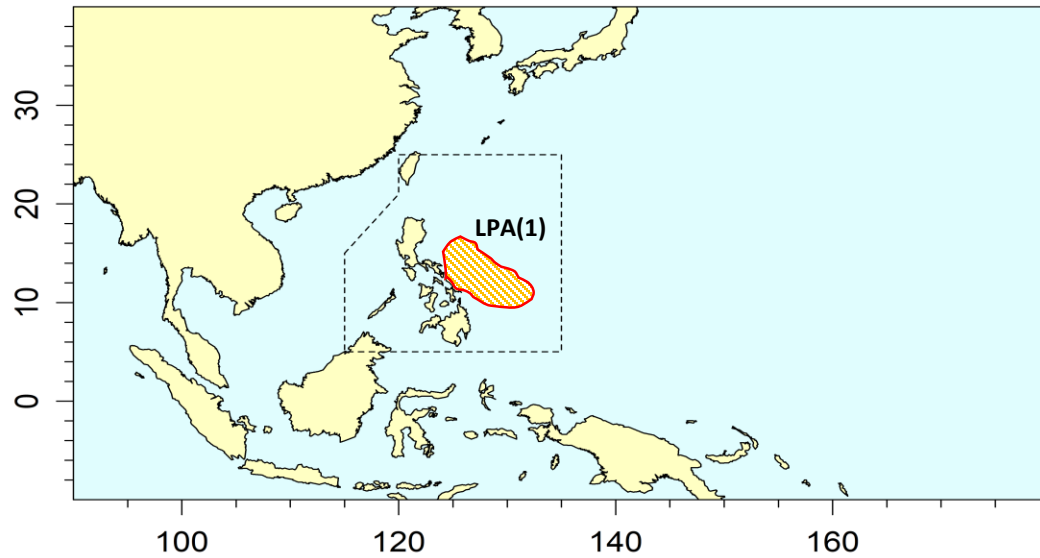
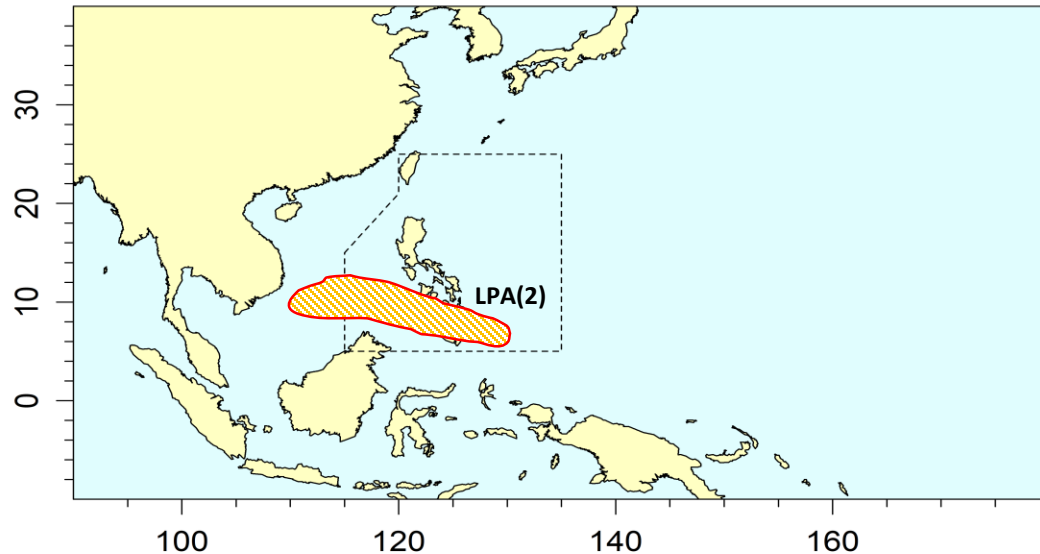


Week 1 (December 7 - December 13, 2020)



Week 2 (December 14 - December 20, 2020)



## Tropical Cyclone-Threat Potential

Initialization: 06 December 2020@8am

Next Update: 15 December 2020

### Forecast Summary:

#### **Week 1 (December 7 – December 13, 2020)**

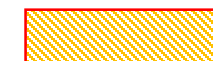
Likelihood of a low-pressure vortex formation (LPA1) within the Philippine Area of Responsibility (PAR). Recent forecast data suggest that it has a low likelihood of developing into a Tropical Cyclone (TC) and will move towards Southern – Central Luzon area but will likely dissipate afterwards before making landfall. Therefore, no active TC-threat during the forecast period.

#### **Week 2 (December 14 - December 20, 2020)**

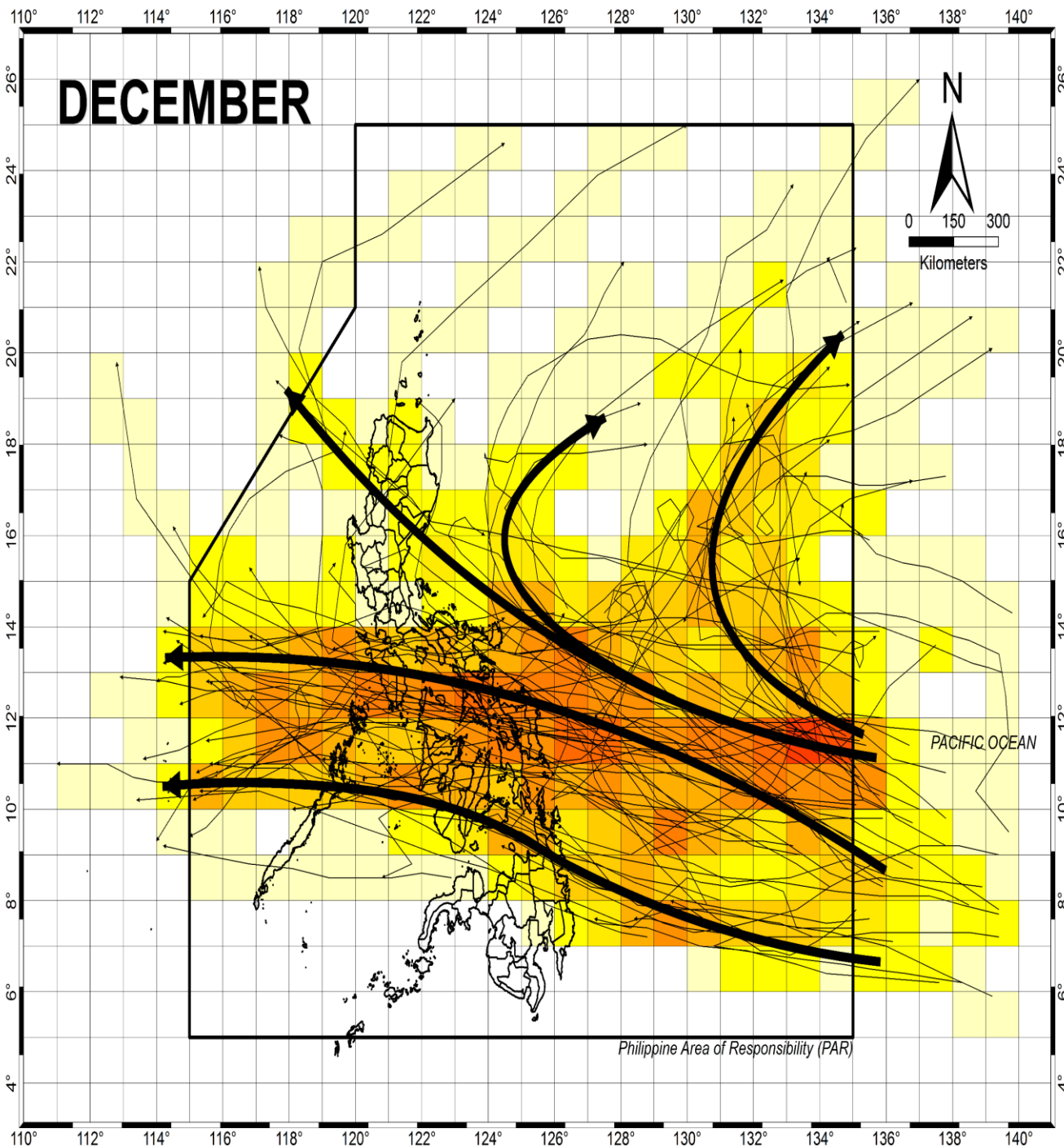
Likelihood of another low-pressure vortex formation (LPA2) within the PAR. Recent forecast data suggest that it has a low likelihood of developing into a TC but will likely move towards eastern Mindanao and make landfall as it moves in a WNW direction towards the West Philippine Sea. Therefore, no active TC-threat during the forecast period. However, any changes in the forecast will be closely monitored.



High Likelihood of TC-genesis



Less Likelihood of TC-genesis



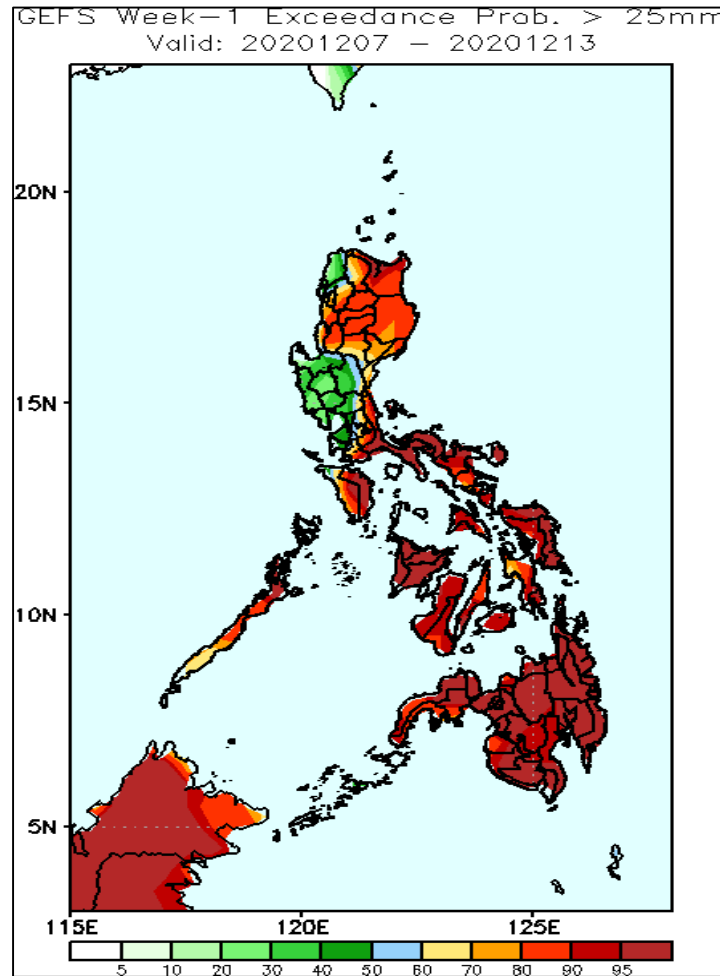
## Tropical Cyclone Climatological Tracks for December in the Philippine Area of Responsibility (PAR)

Climatological tracks for the month of December suggest 5 most common tracks:

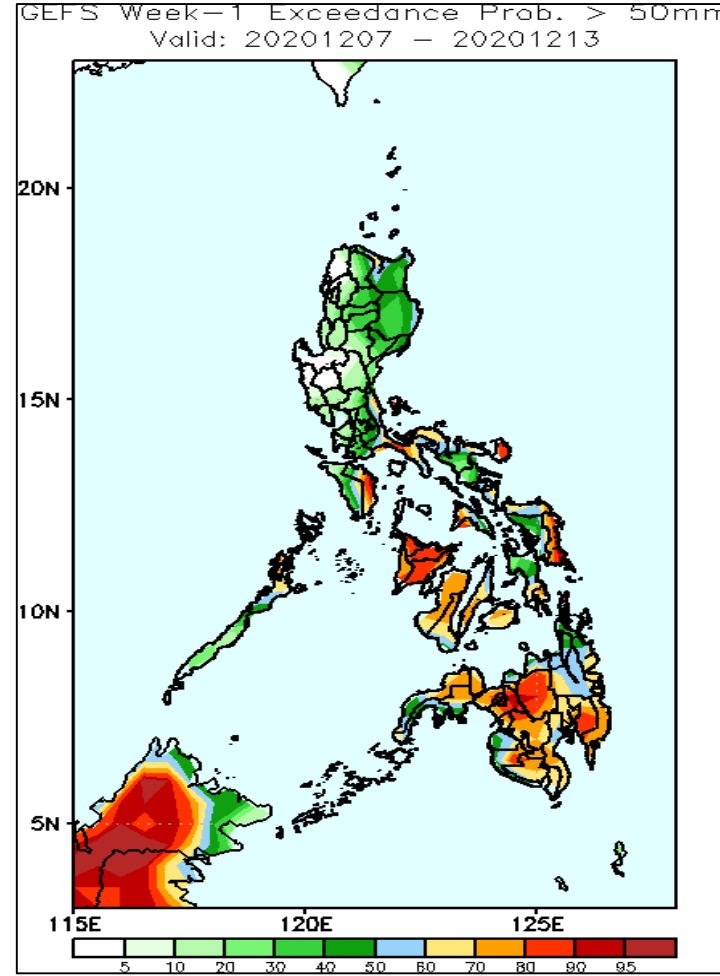
1. TC's formed in the western Pacific that entered the Philippine Area of Responsibility(PAR) but recurve afterwards towards the eastern part of PAR (non-landfalling) then move towards Japan.
2. TC's formed in the western Pacific that entered the Philippine Area of Responsibility(PAR) but recurve before making landfall towards the north-eastern part of PAR (non-landfalling) then move towards Japan.
3. Landfalling TC's traversing Northern or Central Luzon; moving towards Hongkong after exiting the landmass.
4. Landfalling TC's traversing southern Luzon – northern Visayas area, ; moving towards Vietnam.
5. Landfalling TC's traversing Southern Visayas – Northern Mindanao area; moving towards Thailand.

# WEEK -1: RAINFALL EXCEEDANCE PROBABILITY FORECAST

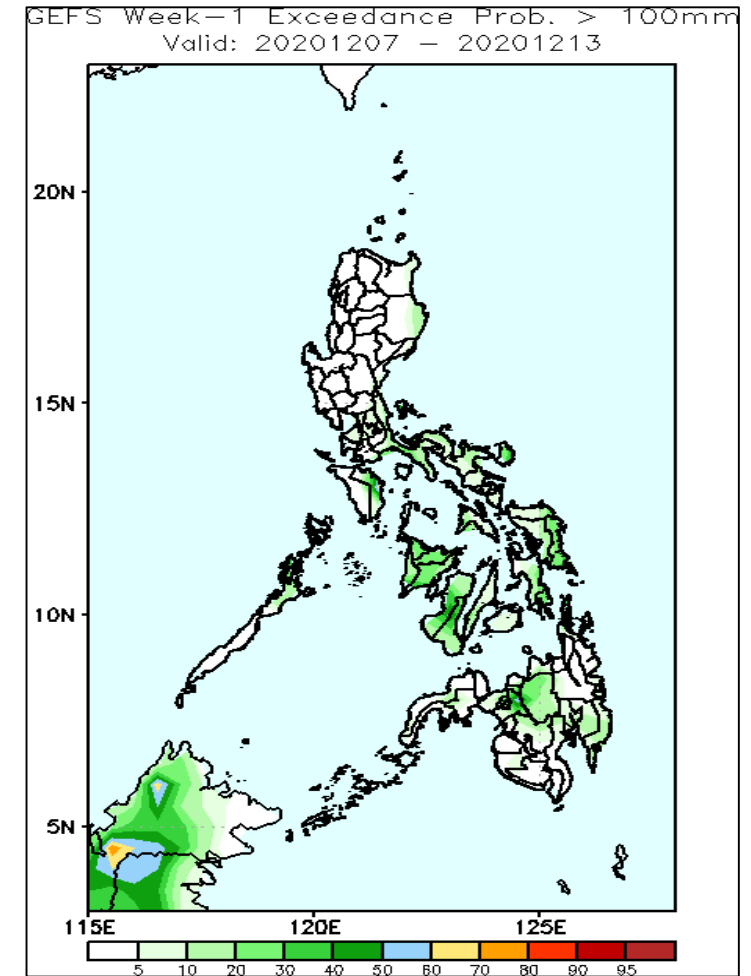
December 7 – December 13, 2020



High probability of rainfall to exceed 25mm in most parts of the country except Ilocos Norte, Pangasinan, most parts of Central Luzon(except Aurora), Cavite, Batangas and NCR during the forecast period.



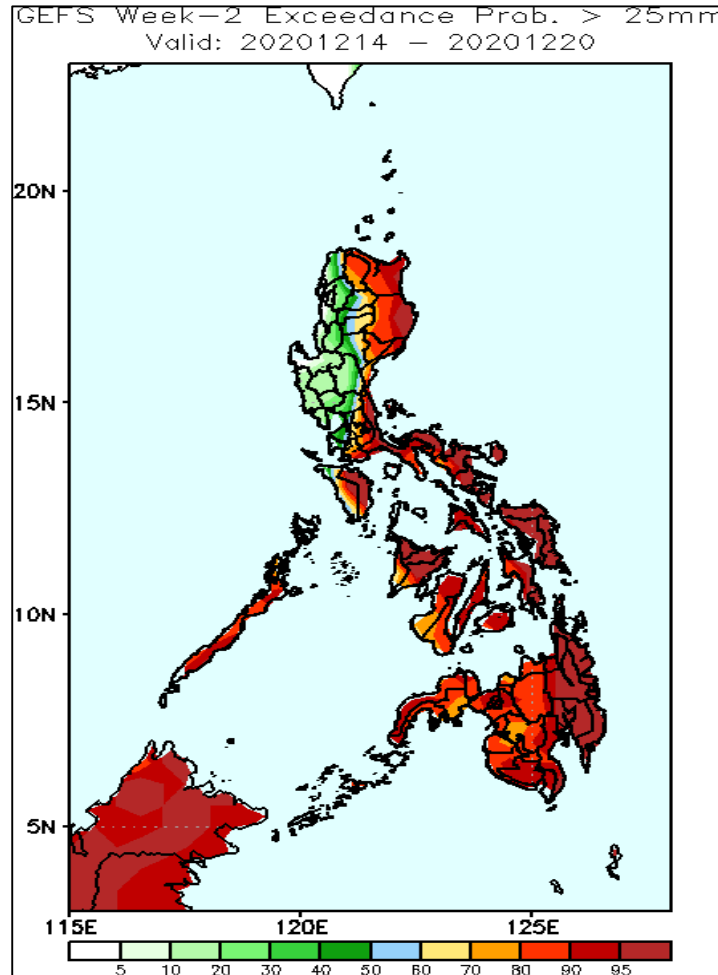
High probability of rainfall to exceed 50mm in Quezon, Catanduanes, Mindoro Oriental, Western and Central Visayas, Eastern Samar and most parts of Mindanao during the forecast period.



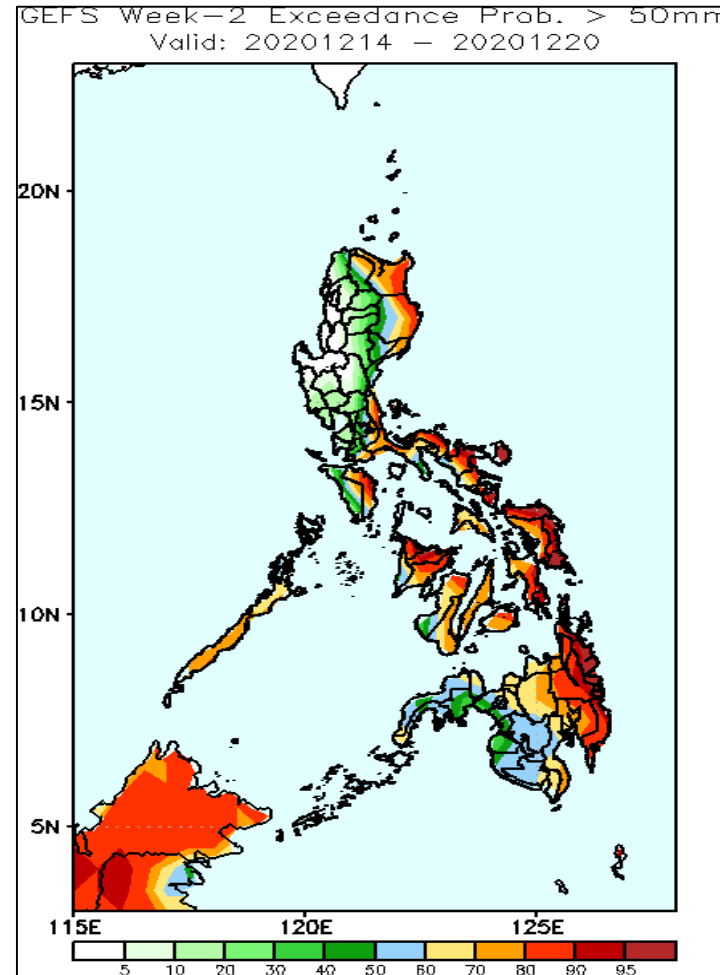
Less probability of rainfall to exceed 100mm in most parts of the country during the forecast period.

# WEEK -1: RAINFALL EXCEEDANCE PROBABILITY FORECAST

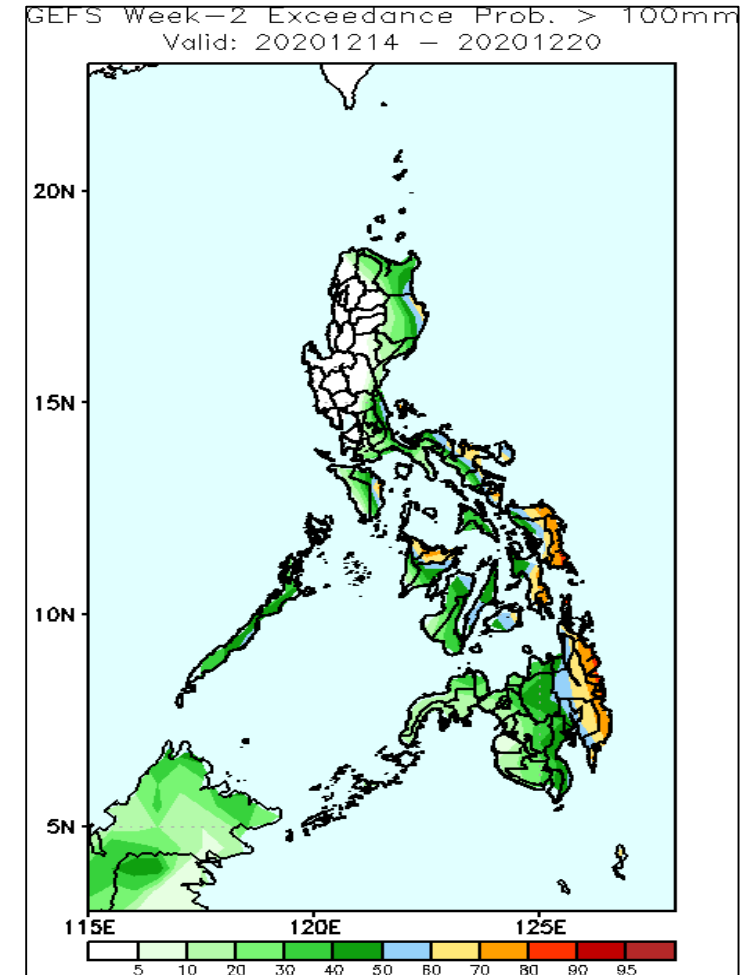
December 14 – December 20, 2020



High probability of rainfall to exceed 25mm in most parts of the country except Ilocos region, Cordillera(except Apayao), most parts of Central Luzon(except Aurora), Cavite, Batangas and NCR during the forecast period.



High probability of rainfall to exceed 50mm in the eastern sections of the country, Palawan, most parts of Visayas, northern Mindanao and Davao region while less likely for the remaining parts of the country during the forecast period.



Less probability of rainfall to exceed 100mm in most parts of the country except Aklan, Capiz, parts of Eastern Visayas and Eastern Mindanao a during the forecast period.