# CPT based Sub-Seasonal Forecasting (Philippines)

**NOAA's CPC International Desks** 

CDT is using NCED CEC. 2 (Climate Foreset Contains V.2) foresets

CPT is using NCEP CFSv2 (Climate Forecast Systems V.2) forecasts. Initial condition: December 09, 2020

The legend is interpreted as probability of below average rainfall for the brown shaded color and probability of above-average rainfall for green shaded color.

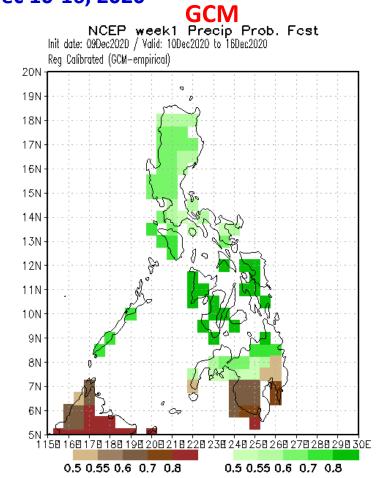




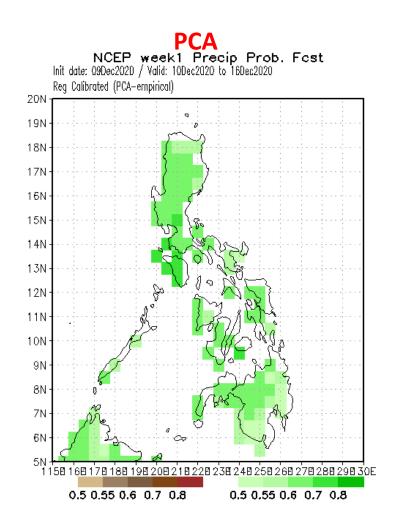
Rundate: Dec 13, 2020

Idate: Dec 09, 2020

Week 1 Forecast Dec 10-16, 2020



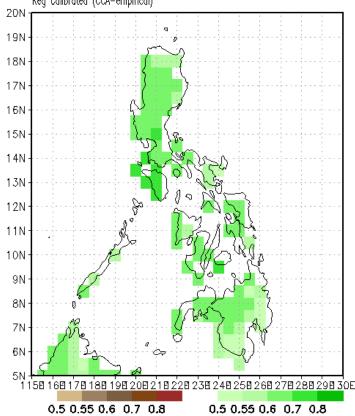
Probability of receiving above normal rainfall in most parts of the country is expected except in the southern half of Mindanao where below normal rainfall is more likely.



Probability of receiving above normal rainfall in most parts of the country is expected.

#### **CCA**





Probability of receiving above normal rainfall in most parts of the country is expected.

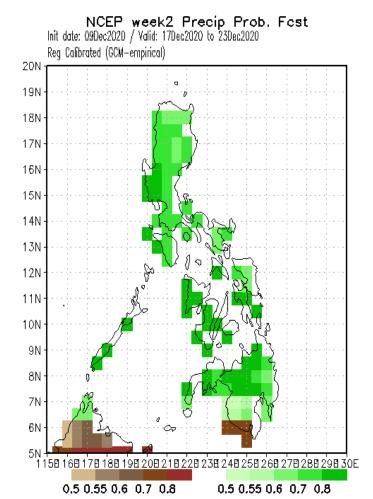




Idate: Dec 09, 2020

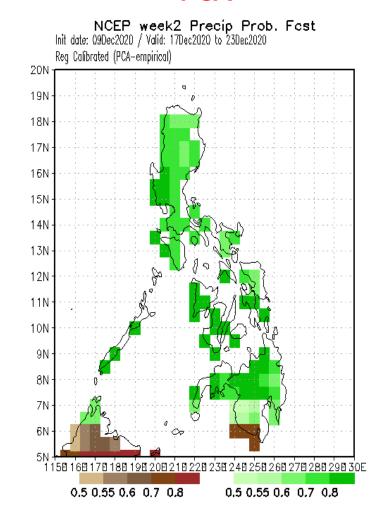
# Week 2 Forecast Dec 17-23, 2020

**GCM** 



Probability of receiving above normal rainfall in most parts of the country is expected.

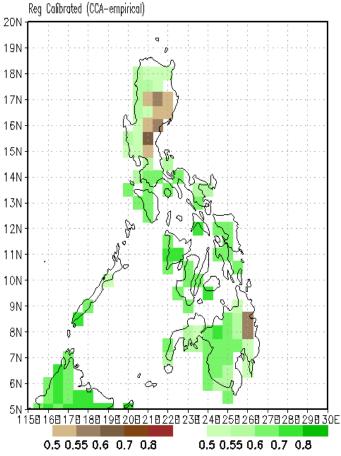
## **PCA**



Probability of receiving above normal rainfall in most parts of the country is expected.

#### **CCA**





Probability of receiving above normal rainfall in most parts of the country is expected with patches of below normal in Cagayan Valley .

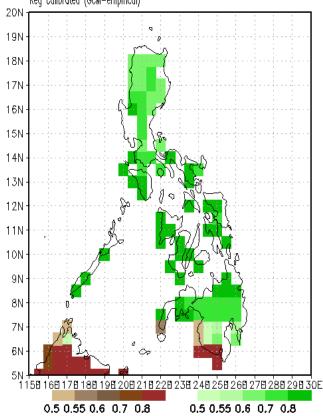


Idate: Dec 09, 2020

# Week 3-4 Forecast Dec 24-Jan 06, 2020

#### **GCM**

NCEP week34 Precip Prob. Fost Init date: 09Dec2020 / Valid: 24Dec2020 to 06Jan2021 Reg Calibrated (GCM-empirical)

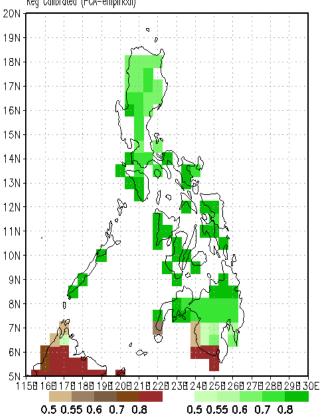


Probability of receiving above normal rainfall in most parts of the country is expected.

### **PCA**

NCEP week34 Precip Prob. Fast Init date: 09Dec2020 / Valid: 24Dec2020 to 06Jan2021

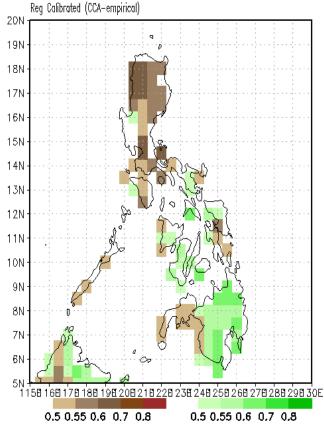
Rea Calibrated (PCA-empirical)



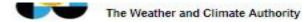
Probability of receiving above normal rainfall in most parts of the country is expected.

#### **CCA**

NCEP week34 Precip Prob. Fost Init date: 09Dec2020 / Valid: 24Dec2020 to 06Jan2021



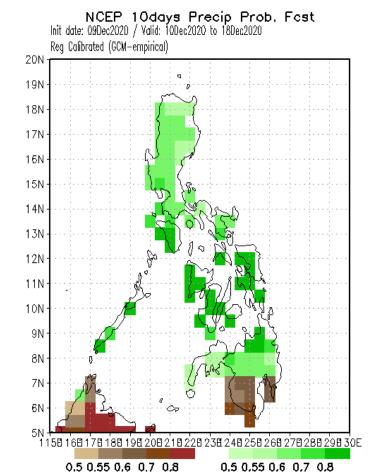
Probability of receiving below normal rainfall in most parts of Luzon and Zamboanga Peninsula is expected while the rest of the country will likely receive above normal rainfall.



Idate: Dec 09, 2020

10 days Forecast Dec 10-18, 2020

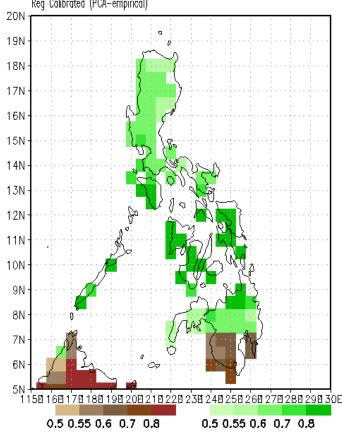
**GCM** 



Probability of receiving above normal rainfall in most parts of the country is expected except in the southern half of Mindanao where below normal rainfall is more likely.

#### **PCA**

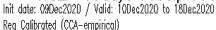


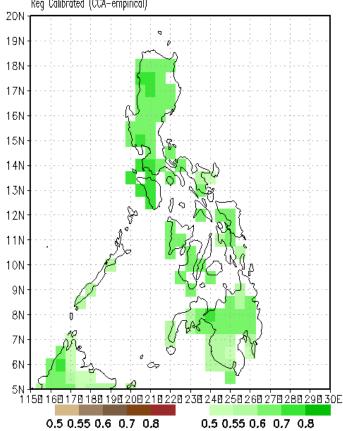


Probability of receiving above normal rainfall in most parts of the country is expected except in the southern half of Mindanao where below normal rainfall is more likely.

#### **CCA**

#### NCEP 10days Precip Prob. Fost





Probability of receiving above normal rainfall in most parts of the country is expected.

