# **CPT based Sub-Seasonal Forecasting (Philippines)**

# **NOAA's CPC International Desks**

CPT is using NCEP CFSv2 (Climate Forecast Systems V.2) forecasts. Initial condition: April 12, 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.



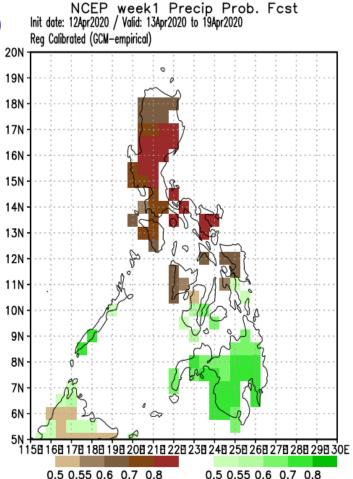


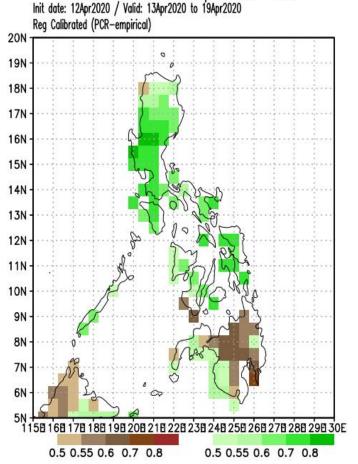
**Rundate: April 15, 20200** 

Idate: April 12, 2020

Week 1 Forecast April 13-19, 2020



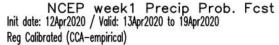


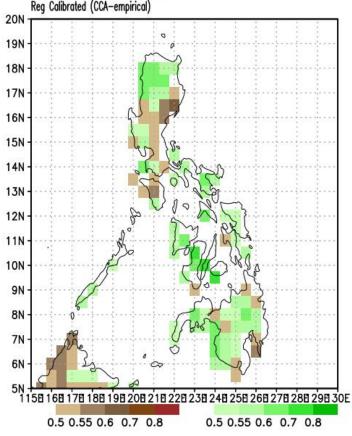


**PCA** 

NCEP week1 Precip Prob. Fcst

CCA





Probability of receiving below normal rainfall in most parts of Luzon and Visayas is expected while Mindanao will likely receive above normal rainfall.

Probability of receiving above normal rainfall in most parts of Luzon and Visayas is expected while Mindanao (except western part) will likely receive below normal rainfall.

Probability of receiving above normal rainfall in most parts of the country is expected except in Isabela, central Luzon and Mindoro where below normal rainfall is more likely.

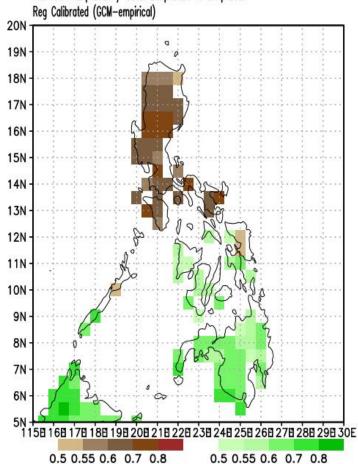


## **Idate: April 12, 2020**

Week 2 Forecast April 20-26, 2020

### **GCM**

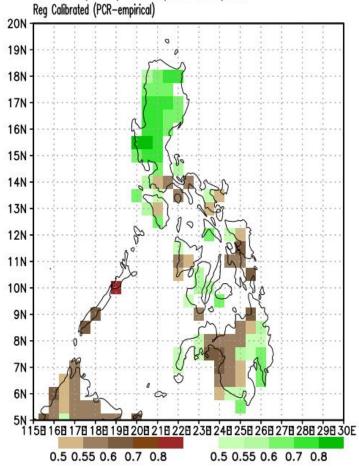
NCEP week2 Precip Prob. Fcst Init date: 12Apr2020 / Valid: 20Apr2020 to 26Apr2020



Probability of receiving below normal rainfall in Luzon and some areas in Samar provinces. The rest of the country to receive above normal rainfall.

### **PCA**

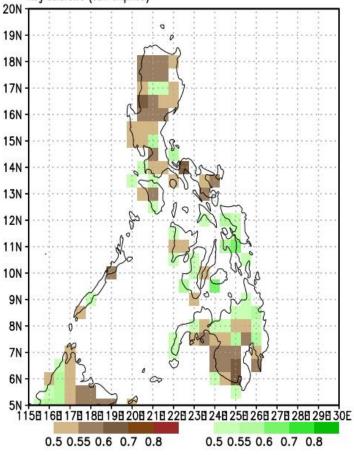
NCEP week2 Precip Prob. Fcst Init date: 12Apr2020 / Valid: 20Apr2020 to 26Apr2020



Probability of receiving above normal rainfall in most parts of Luzon, central and western Visayas and eastern Mindanao is expected while the rest of the country will likely receive below normal rainfall.

### CCA

NCEP week2 Precip Prob. Fcst Init date: 12Apr2020 / Valid: 20Apr2020 to 26Apr2020 Reg Calibrated (CCA-empirical)



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

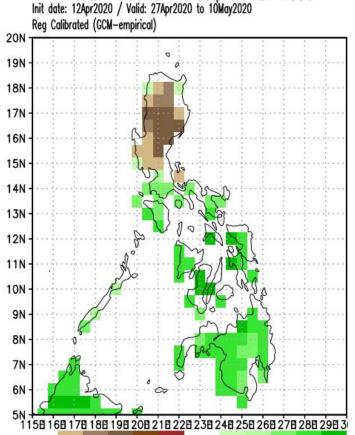


### **Idate: April 12, 2020**

Week 3-4 Forecast April 27-May 10, 2020

**GCM** 

NCEP week34 Precip Prob. Fcst

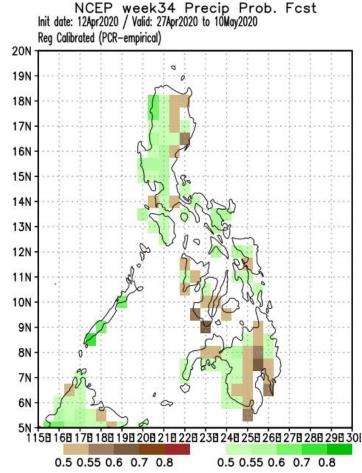


Probability of receiving above normal rainfall in southern Luzon, Visayas and Mindanao is expected while the rest of Luzon will likely receive below normal rainfall.

0.5 0.55 0.6 0.7 0.8

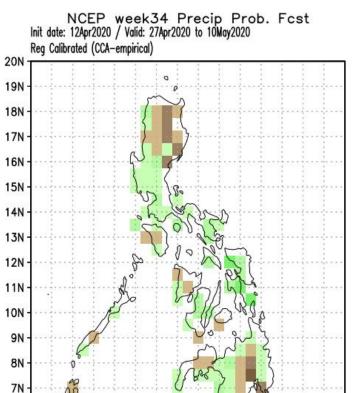
0.5 0.55 0.6 0.7 0.8

**PCA** 



Probability of receiving above normal rainfall in most parts of the country is expected except some patches of below normal in eastern Luzon, western Visayas and central Mindanao.

**CCA** 



Probability of receiving above normal rainfall in most parts of the country is expected except in northern Luzon, Mindoro, Panay island and central Mindanao where below normal rainfall is more likely.

0.5 0.55 0.6 0.7 0.8

5N 15B 16B 17B 18B 19B 20B 21B 22B 23B 24B 25B 26B 27B 28B 29B 30E

0.5 0.55 0.6 0.7 0.8

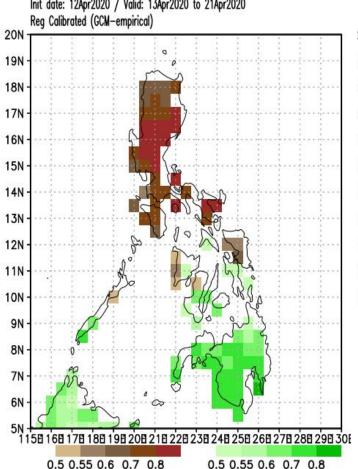


Idate: April 12, 2020

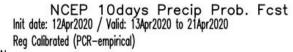
10 days Forecast April 13-April 21, 2020

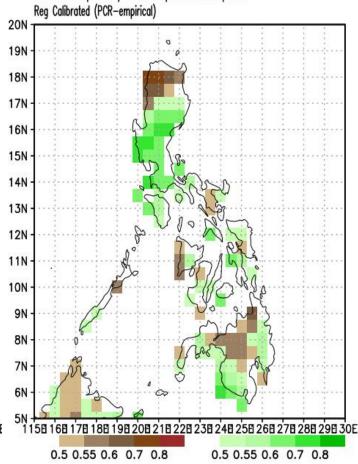
**GCM** 

NCEP 10days Precip Prob. Fcst Init date: 12Apr2020 / Valid: 13Apr2020 to 21Apr2020



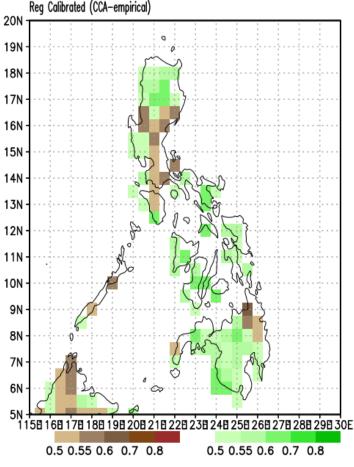
**PCA** 





**CCA** 

NCEP 10days Precip Prob. Fcst Init date: 12Apr2020 / Valid: 13Apr2020 to 21Apr2020 Reg Calibrated (CCA-empirical)



Probability of receiving below normal rainfall in most parts of Luzon and eastern Visayas is expected while the rest of Visayas and Mindanao will likely receive above normal rainfall

Probability of receiving above normal rainfall in most parts of the country is expected except in northern Luzon, Bicol region, and northern Mindanao will likely receive below normal rainfall.

Probability of receiving above normal rainfall in most parts of the country is expected except in central and southern Luzon, Mindoro, and CARAGA will likely receive below normal rainfall.

