# **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 01, 2020

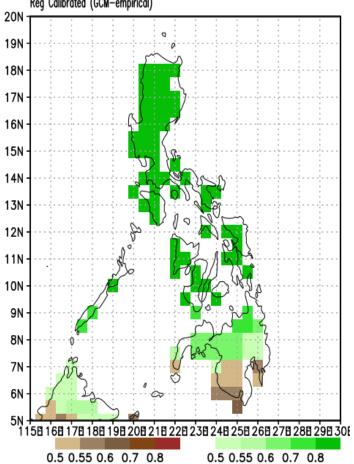
The legend is interpreted as probability of below average rainfall for the brown shaded color and probability of above-average rainfall for green shaded color.

Rundate: April 05, 2020

Idate: April 01, 2020

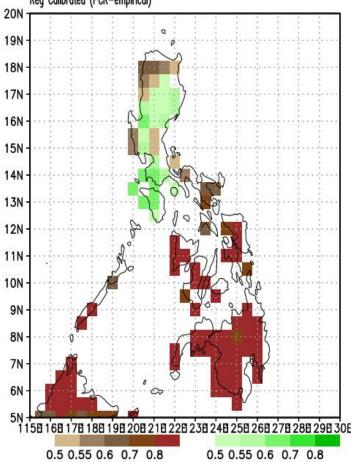
**GCM** Week 1 Forecast April 02-08, 2020

NCEP week1 Precip Prob. Fcst Init date: 01Apr2020 / Valid: 02Apr2020 to 08Apr2020 Reg Calibrated (GCM-empirical)



Probability of receiving near to above normal rainfall in most parts of the country is expected. **PCA** 

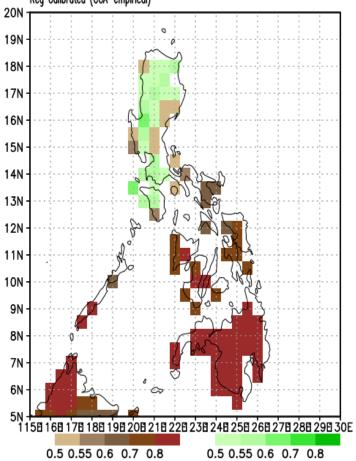
NCEP week1 Precip Prob. Fcst Init date: 01Apr2020 / Valid: 02Apr2020 to 08Apr2020 Reg Calibrated (PCR-empirical)



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

**CCA** 

NCEP week1 Precip Prob. Fcst Init date: 01Apr2020 / Valid: 02Apr2020 to 08Apr2020 Reg Calibrated (CCA-empirical)



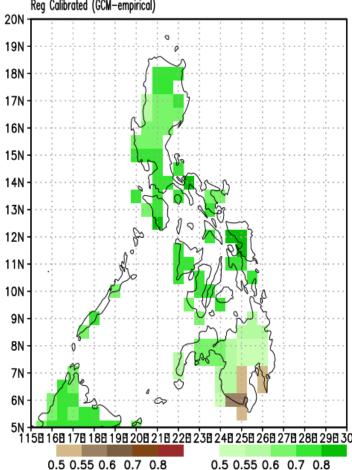
Probability of receiving below normal rainfall in most parts of the country is expected except in the eastern parts of Luzon where above normal rainfall is most likely.

### **Idate: April 01, 2020**

Week 2 Forecast April 9-15, 2020

**GCM** 

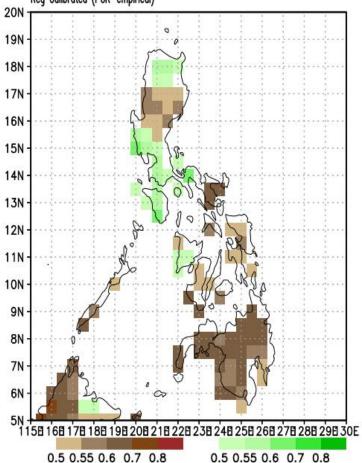
NCEP week2 Precip Prob. Fcst Init date: 01Apr2020 / Valid: 09Apr2020 to 15Apr2020 Reg Calibrated (GCM-empirical)



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

**PCA** 

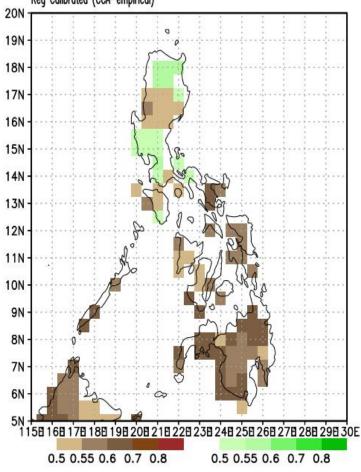
NCEP week2 Precip Prob. Fcst Init date: 01Apr2020 / Valid: 09Apr2020 to 15Apr2020 Reg Calibrated (PCR-empirical)



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

**CCA** 

NCEP week2 Precip Prob. Fcst Init date: 01Apr2020 / Valid: 09Apr2020 to 15Apr2020 Reg Calibrated (CCA-empirical)



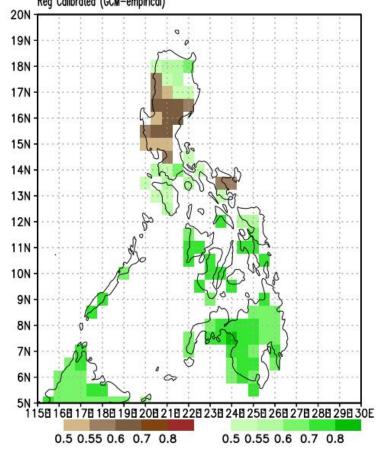
Probability of receiving below normal rainfall in Cagayan, CAR, most parts of Visayas and Mindanao is expected while the rest of the country will likely receive above normal rainfall.

## **Idate: April 01, 2020**

Week 3-4 Forecast Apr 16-29, 2020

**GCM** 

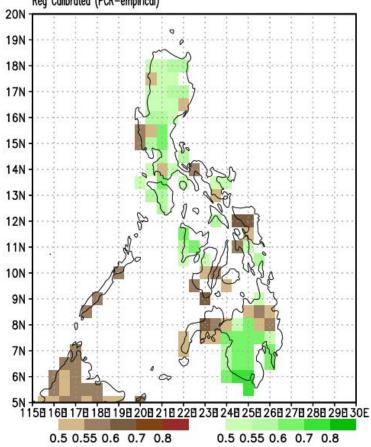
NCEP week34 Precip Prob. Fcst Init date: 01Apr2020 / Valid: 16Apr2020 to 29Apr2020 Reg Calibrated (GCM-empirical)



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

**PCA** 

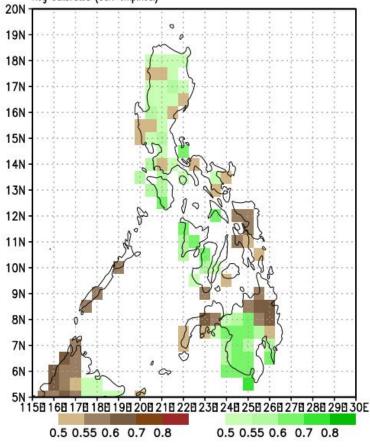
NCEP week34 Precip Prob. Fcst Init date: 01Apr2020 / Valid: 16Apr2020 to 29Apr2020 Reg Calibrated (PCR-empirical)



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

CCA

NCEP week34 Precip Prob. Fcst Init date: 01Apr2020 / Valid: 16Apr2020 to 29Apr2020 Reg Calibrated (CCA-empirical)



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

Idate: April 01, 2020

# **10 days Forecast April 02-10, 2020**

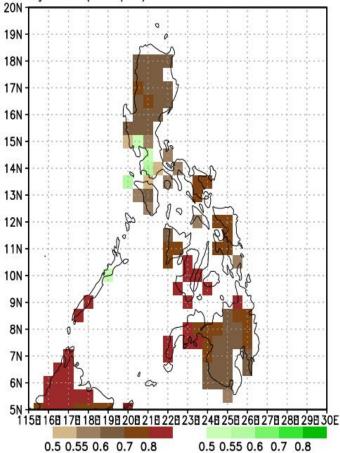
# **GCM**

10days Precip Prob. Fcst Init date: 01Apr2020 / Valid: 02Apr2020 to 10Apr2020 Reg Calibrated (GCM-empirical) 17N 16N 15N 14N 13N · 12N 11N 10N 9N 8N 7N · 6N 0.5 0.55 0.6 0.7 0.8 0.5 0.55 0.6 0.7 0.8

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

# **PCA**

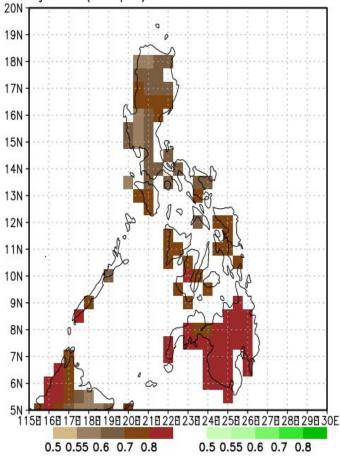
NCEP 10days Precip Prob. Fcst Init date: 01Apr2020 / Valid: 02Apr2020 to 10Apr2020 Reg Calibrated (PCR-empirical)



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

# **CCA**

NCEP 10days Precip Prob. Fcst Init date: 01Apr2020 / Valid: 02Apr2020 to 10Apr2020 Reg Calibrated (CCA-empirical)



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