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

**NOAA's CPC International Desks** 

CPT is using NCEP CFSv2 (Climate Forecast Systems V.2) forecasts. Initial condition: June 10, 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.



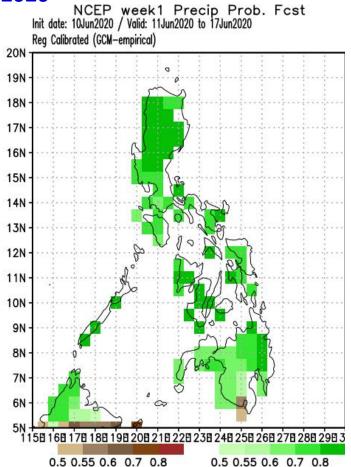


**Rundate: June 14, 2020** 

Idate: June 10, 2020

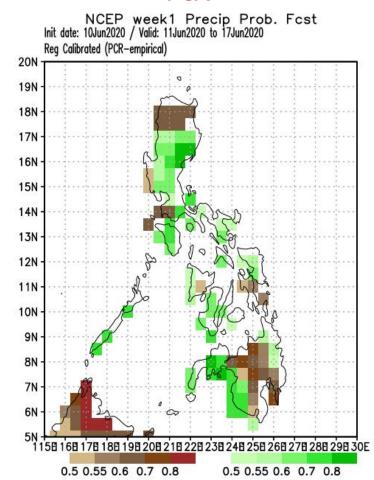
Week 1 Forecast June 11-17, 2020

**GCM** 



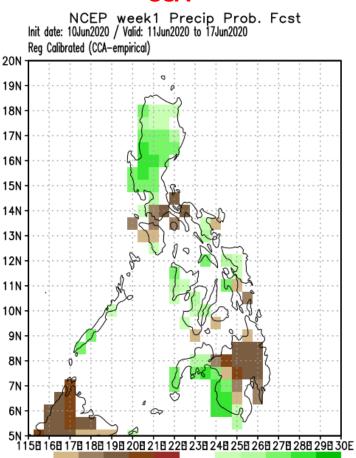
Probability of receiving above normal rainfall in most parts of the country is expected.

## **PCA**



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

#### **CCA**



Probability of receiving above normal rainfall in most parts of the country is expected except in southern Luzon and in eastern & central parts of Mindanao where below normal rainfall is more likely.

0.5 0.55 0.6 0.7 0.8

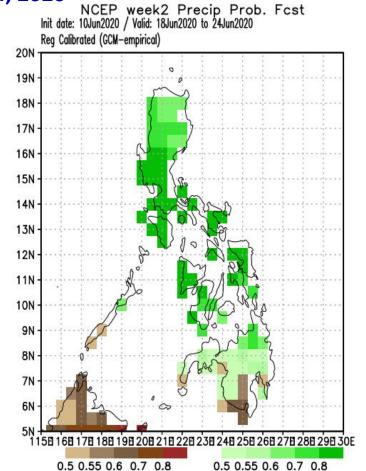
0.5 0.55 0.6 0.7 0.8



## Idate: June 10, 2020

Week 2 Forecast June 18-24, 2020

**GCM** 



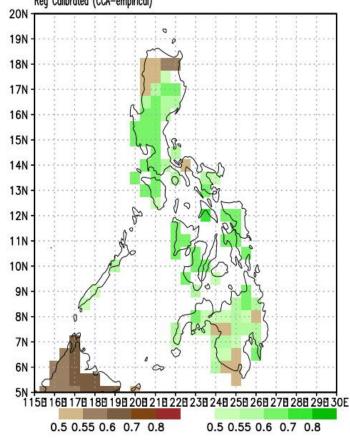
Probability of receiving above normal rainfall in most parts of the country is expected.

NCEP week2 Precip Prob. Fcst Init date: 10Jun2020 / Valid: 18Jun2020 to 24Jun2020 Reg Calibrated (PCR-empirical) 19N 18N 17N 16N 15N 14N 13N 12N 11N 10N 9N 8N 7N 6N 1158 168 178 188 198 208 218 228 238 248 258 268 278 288 298 30E 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.

## CCA

NCEP week2 Precip Prob. Fcst Init date: 10Jun2020 / Valid: 18Jun2020 to 24Jun2020 Reg Calibrated (CCA-empirical)



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

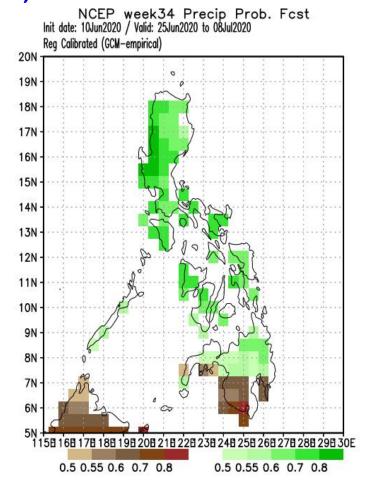




## Idate: June 10, 2020

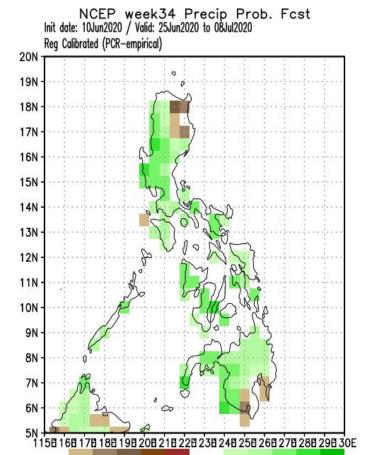
# Week 3-4 Forecast Jun 25 - Jul 08, 2020

# **GCM**



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

## **PCA**

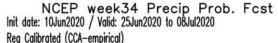


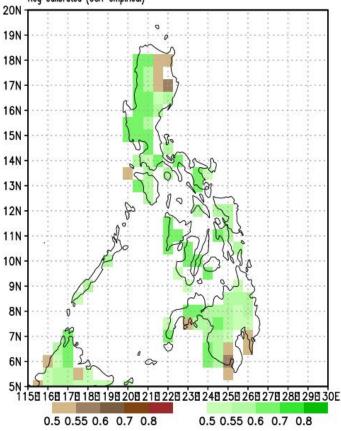
Probability of receiving above normal rainfall in most parts of the country is expected except with some patches of below normal rainfall in northeastern Luzon is more likely.

0.5 0.55 0.6 0.7 0.8

0.5 0.55 0.6 0.7 0.8

## **CCA**





Probability of receiving above normal rainfall in most parts of the country is expected except with some patches of below normal rainfall in northeastern Luzon is more likely.

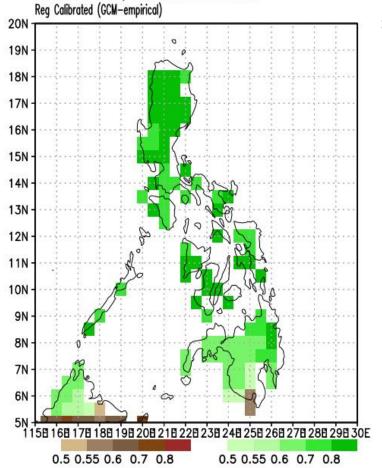


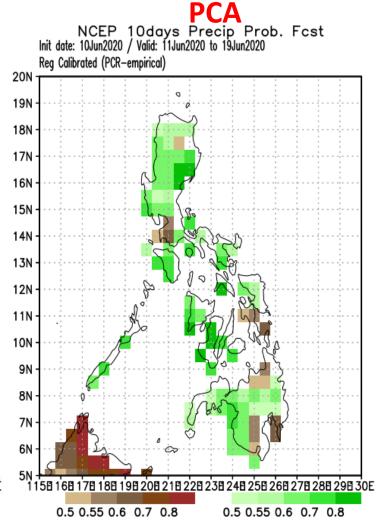


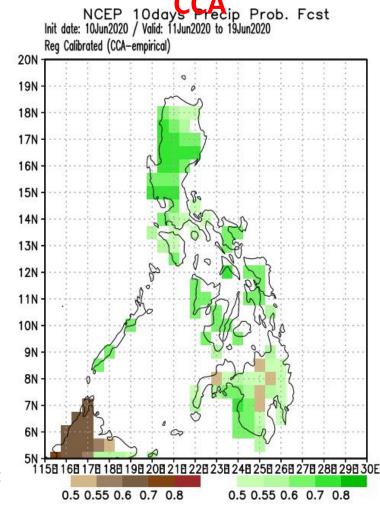
## Idate: June 10, 2020

**10 days Forecast** 

June 11-19, 2020 NCEP 10days Precip Prob. Fcst Init date: 10Jun2020 / Valid: 11Jun2020 to 19Jun2020







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

Probability of receiving above normal rainfall in most parts of the country is expected with some patches of below normal rainfall in Samar provinces and southern Mindanao.

