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

# **NOAA's CPC International Desks**

CPT is using NCEP CFSv2 (Climate Forecast Systems V.2) forecasts. Initial condition: October 04, 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.





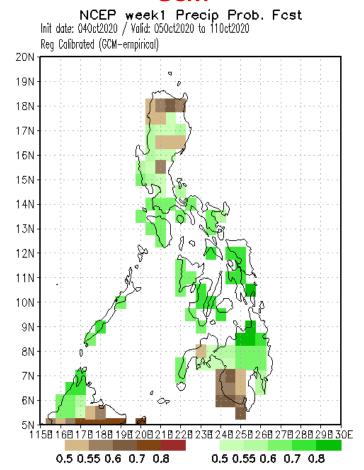
Rundate: Oct 08, 2020

Idate: Oct 04, 2020

### **Week 1 Forecast**

Oct 05-11, 2020

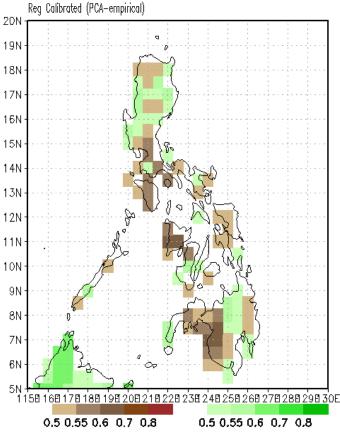
**GCM** 



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

### **PCA**

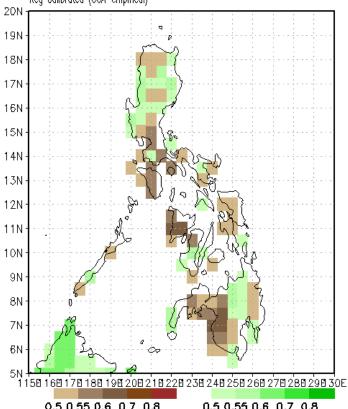
NCEP week1 Precip Prob. Fcst Init date: 040ct2020 / Valid: 050ct2020 ta 110ct2020



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

### **CCA**

NCEP week1 Precip Prob. Fcst Init date: 040ct2020 / Valid: 050ct2020 ta 110ct2020 Reg Calibrated (CCA-empirical)

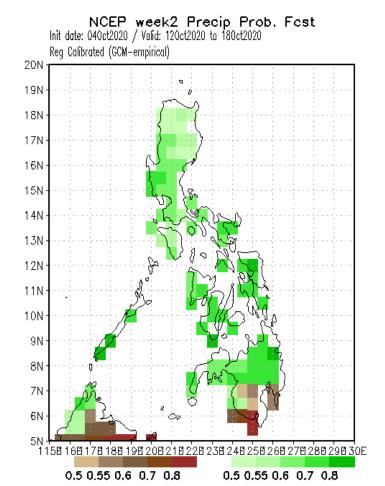


Probability of receiving below normal rainfall in most parts of the country is expected except in eastern and western parts of Luzon and central Mindanao where above normal rainfall is more likely.

Idate: Oct 04, 2020

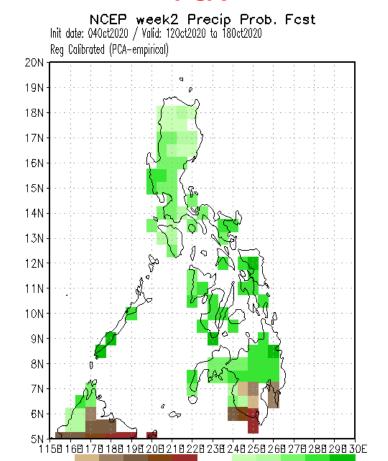
Week 2 Forecast Oct 12-18, 2020

**GCM** 



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

## **PCA**



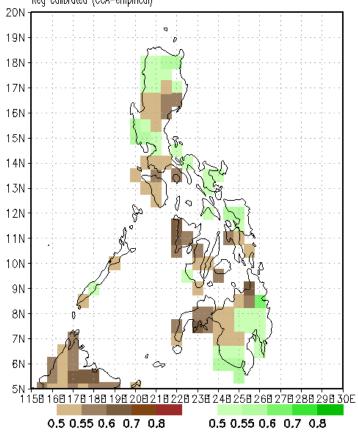
Probability of receiving above normal rainfall in most parts of the country is expected except in southern Mindanao where below normal rainfall is more likely.

0.5 0.55 0.6 0.7 0.8

0.5 0.55 0.6 0.7 0.8

### CCA





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

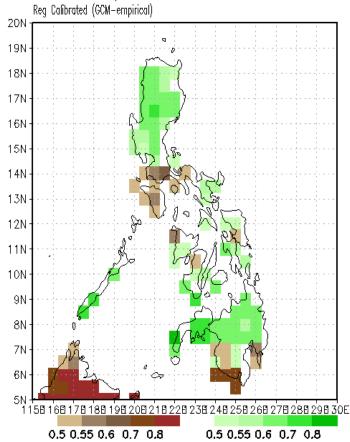
Idate: Oct 04, 2020

# Week 3-4 Forecast Oct 19-Nov 01, 2020

### **GCM**

NCEP week34 Precip Prob. Fast Init date: 040ct2020 / Valid: 190ct2020 to 01Nov2020

Rea Calibrated (COM-empirical)

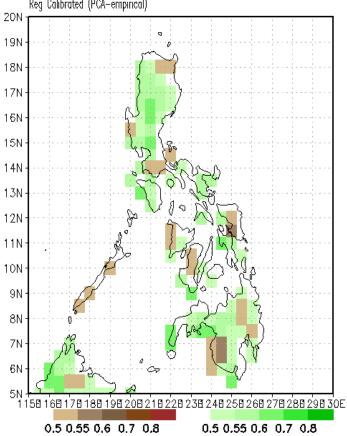


Probability of receiving above normal rainfall in most parts of the country is expected except in the southern Luzon and southern Mindanao where below normal rainfall is more likely.

# **PCA**

NCEP week34 Precip Prob. Fost

Init date: 040ct2020 / Valid: 190ct2020 to 01Nov2020 Reg Calibrated (PCA-empirical)

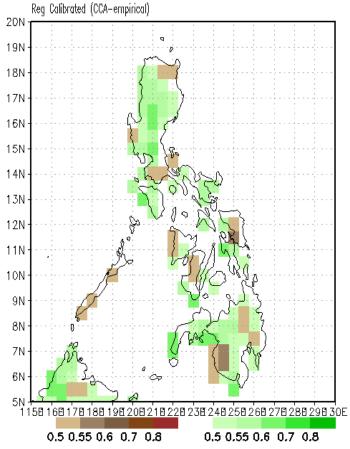


Probability of receiving above normal rainfall in most parts of the country is expected with some patches of below normal rainfall.

# **CCA**

NCEP week34 Precip Prob. Fost

Init date: 040ct2020 / Valid: 190ct2020 to 01Nov2020



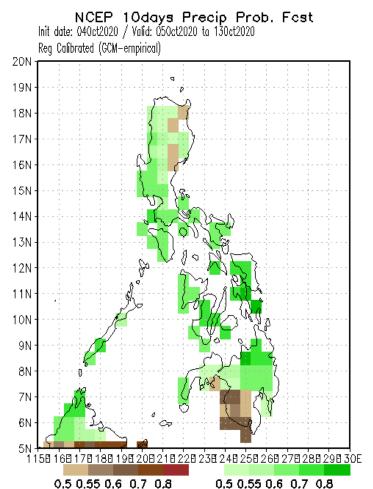
Probability of receiving above normal rainfall in most parts of the country is expected with some patches of below normal rainfall.

Idate: Oct 04, 2020

**10 days Forecast** 

Oct 05-13, 2020

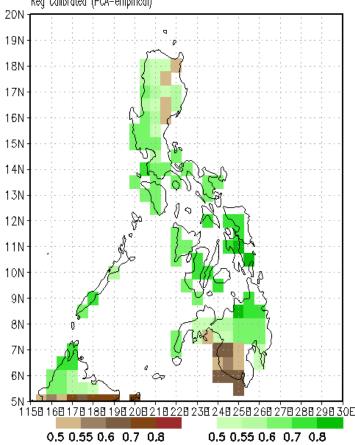
**GCM** 



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

# **PCA**

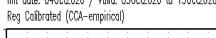
NCEP 10days Precip Prob. Fost Init date: 040ct2020 / Valid: 050ct2020 ta 130ct2020 Rea Calibrated (PCA-empirical)

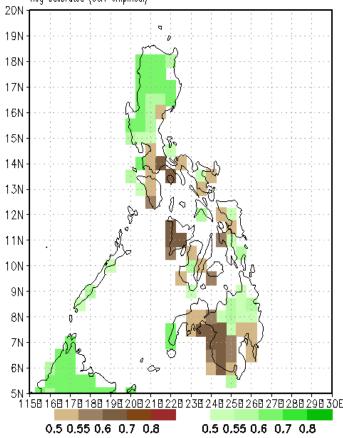


Probability of receiving above normal rainfall in most parts of the country is expected except in southern Mindanao where below normal rainfall is more likely.

# **CCA**

NCEP 10days Precip Prob. Fost Init date: 040ct2020 / Valid: 050ct2020 to 130ct2020





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