# **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 21, 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 25, 2020

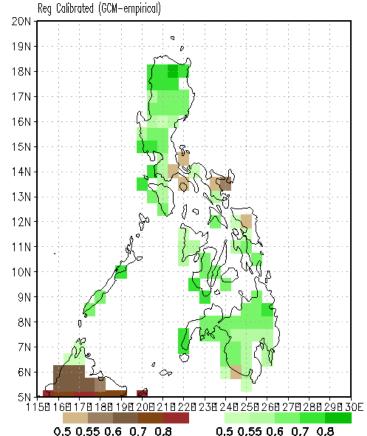
Idate: Oct 21, 2020

#### **Week 1 Forecast**

Oct 22-28, 2020

GCM GCM

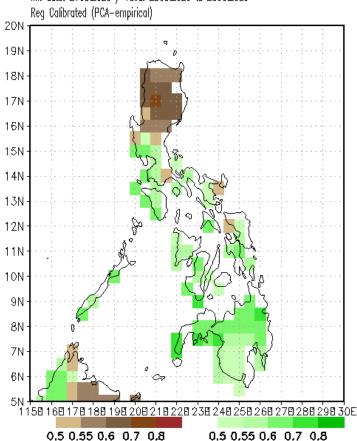
NCEP week1 Precip Prob. Fcst Init date: 210ct2020 / Volid: 220ct2020 to 280ct2020 Rea Calibrated (CCM-empirical)



Probability of receiving above normal rainfall in most parts of the country is expected except with some patches of below normal in the provinces of Quezon, Camarines Norte and Samar.

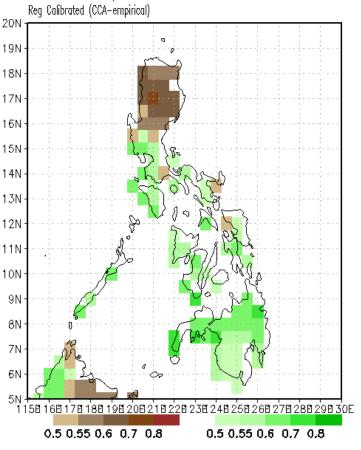
**PCA** 

NCEP week1 Precip Prob. Fcst Init date: 210ct2020 / Valid: 220ct2020 to 280ct2020



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

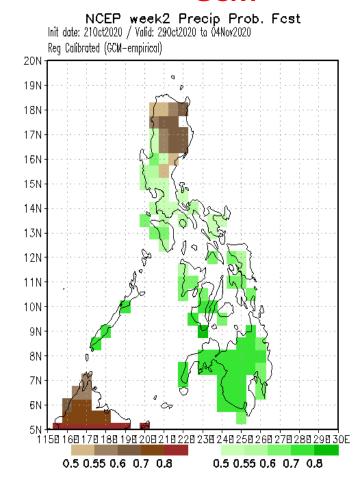
NCEP week1 Precip Prob. Fcst Init date: 210ct2020 / Valid: 220ct2020 ta 280ct2020



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

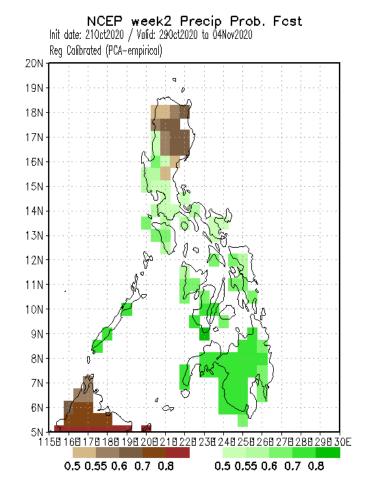
#### Idate: Oct 21, 2020

## Week 2 Forecast Oct 29-Nov 04, 2020 GCM



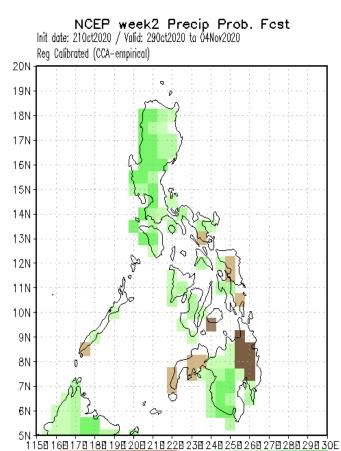
Probability of receiving above normal rainfall in most parts of the country is expected except in Cordillera Region and Cagayan Valley where below normal rainfall is more likely.

#### **PCA**



Probability of receiving above normal rainfall in most parts of the country is expected except in Cordillera Region and Cagayan Valley where below normal rainfall is more likely.

#### **CCA**



Probability of receiving above normal rainfall in most parts of the country is expected except with some patches of below normal in eastern Visayas, Zamboanga Peninsula and in eastern Mindanao.

0.5 0.55 0.6 0.7 0.8

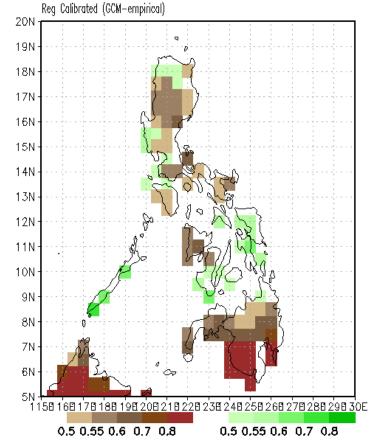
0.5 0.55 0.6 0.7 0.8

Idate: Oct 21, 2020

### Week 3-4 Forecast Nov 5-18, 2020

#### **GCM**

NCEP week34 Precip Prob. Fcst Init date: 210ct2020 / Valid: 05Nov2020 to 18Nov2020

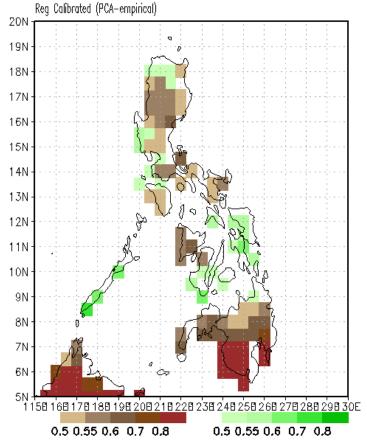


Probability of receiving below normal rainfall in most parts of the country is expected except in northern part of Apayao and Ilocos Norte, Palawan and southern Visayas.

#### **PCA**

NCEP week34 Precip Prob. Fost

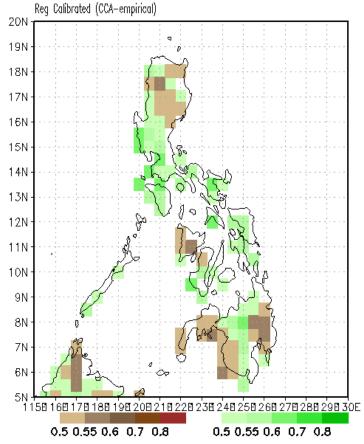
Init date: 210ct2020 / Valid: 05Nov2020 to 18Nov2020



Probability of receiving below normal rainfall in most parts of the country is expected except in northern part of Apayao and Ilocos Norte, Palawan and southern Visayas.

#### CCA

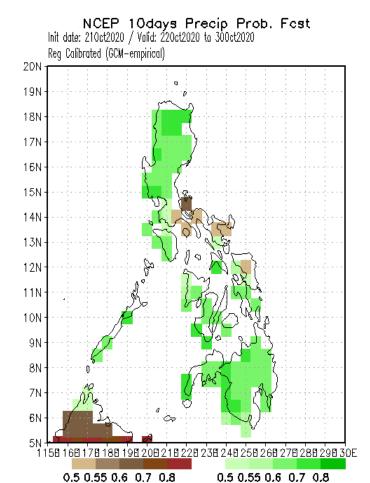
NCEP week34 Precip Prob. Fest Init date: 210ct2020 / Valid: 05Nov2020 to 18Nov2020



Probability of receiving above normal rainfall in most parts of the country is expected with some patches of below normal in northern Luzon, Panay Island, in eastern and western Mindanao Idate: Oct 21, 2020

10 days Forecast Oct 22-30, 2020

**GCM** 

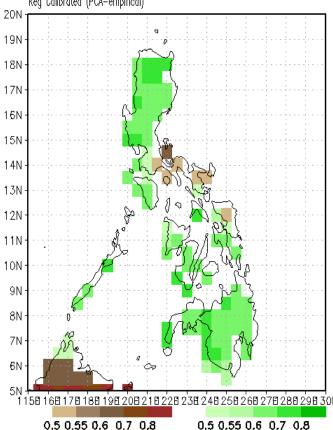


Probability of receiving above normal rainfall in most parts of the country is expected except with some patches of below normal in Bicol Region and Samar.

#### **PCA**



Reg Calibrated (PCA-empirical)

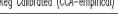


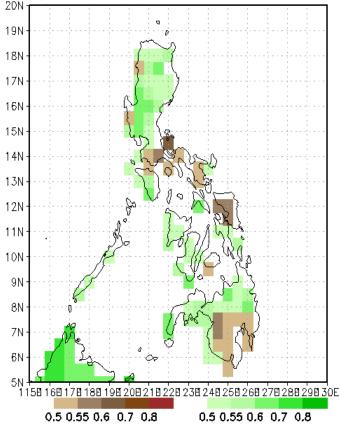
Probability of receiving above normal rainfall in most parts of the country is expected except with some patches of below normal in Bicol Region and Samar.

#### **CCA**

#### NCEP 10days Precip Prob. Fost

Init date: 210ct2020 / Valid: 220ct2020 to 300ct2020 Rea Calibrated (CCA-empirical)





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