# **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 17, 2021

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: October 21, 2021

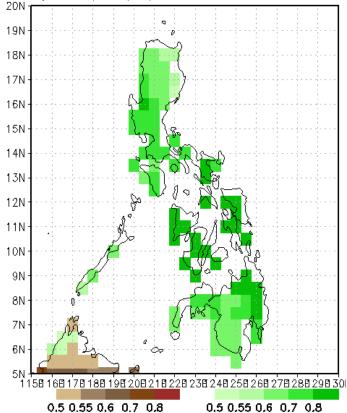
Idate: Oct 17, 2021

**Week 1 Forecast** 

Oct 18-24, 2021



NCEP week1 Precip Prob. Fcst
Init date: 170ct2021 / Valid: 180ct2021 to 240ct2021
Reg Calibrated (GCM-empirical)



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

#### **PCA**

NCEP week1 Precip Prob. Fcst Init date: 170ct2021 / Valid: 180ct2021 ta 240ct2021 Reg Calibrated (PCA-empirical) 19N 18N 17N 16N 15N 14N · 13N · 12N 11N: 10N 9N 8N 7N -

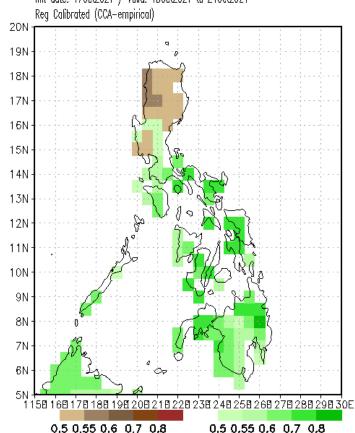
Probability of receiving above normal rainfall in most parts of the country.

0.5 0.55 0.6 0.7 0.8

0.5 0.55 0.6 0.7 0.8

#### CCA

NCEP week1 Precip Prob. Fcst Init date: 170ct2021 / Valid: 180ct2021 ta 240ct2021



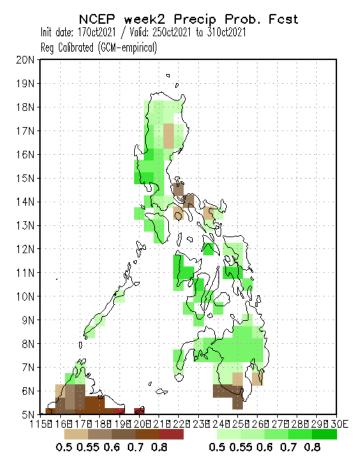
Probability of receiving above normal rainfall in most parts of the country except in northern half of Luzon during the forecast period .



Idate: Oct 13, 2021

## Week 2 Forecast Oct 25-31, 2021

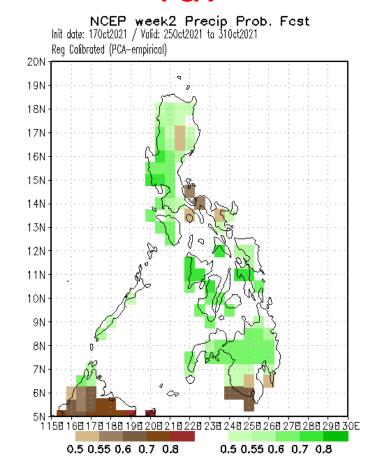
#### **GCM**



Probability of receiving above normal rainfall in most parts of the country except with patches of below normal in Bicol Region & southern Mindanao during the forecast period .

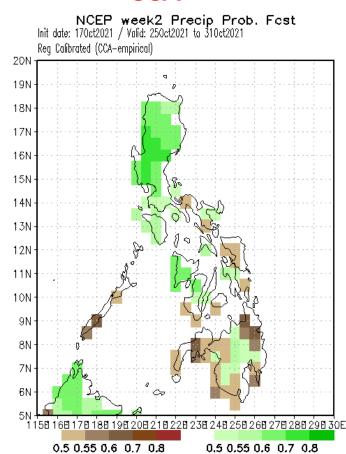
The Weather and Climate Authority

#### PCA



Probability of receiving above normal rainfall in most parts of the country except with patches of below normal in Bicol Region & southern Mindanao during the forecast period .

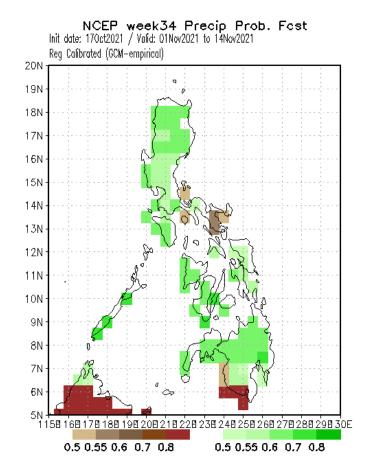
#### **CCA**



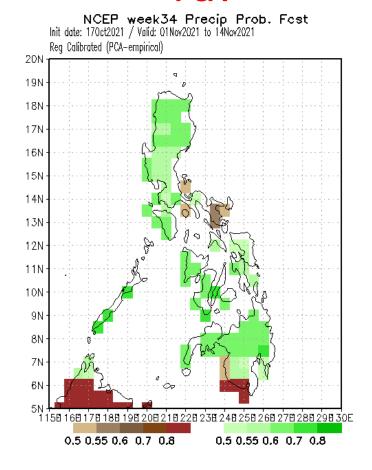
Probability of receiving above normal rainfall in most parts of Luzon, western Visayas and central Mindanao while the rest of the country will likely receive below normal rainfall during the forecast period.

Idate: Oct 13, 2021 Week 3-4 Forecast Nov 01-14, 2021

#### **GCM**

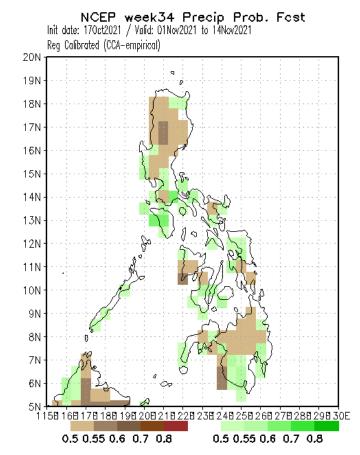


Probability of receiving above normal rainfall in most parts of the country except with patches of below normal in Bicol Region & southern Mindanao during the forecast period.



Probability of receiving above normal rainfall in most parts of the country except with patches of below normal in Bicol Region & southern Mindanao during the forecast period.

#### **CCA**



Probability of receiving below normal rainfall in most parts of Luzon and northern Mindanao while the rest of the country will likely receive below normal rainfall during the forecast period.



Idate: Oct 13, 2021

#### 10 days Forecast Oct 14-22, 2021

#### **GCM**

NCEP 10days Precip Prob. Fcst Init date: 170ct2021 / Valid: 180ct2021 ta 260ct2021

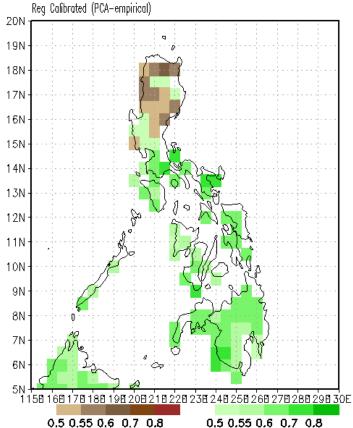
Reg Calibrated (GCM-empirical) 16N 15N 13N · 12N 11N 10N 9N 8N 7N 115816817818819820821822823824825826827828829830E 0.5 0.55 0.6 0.7 0.8 0.5 0.55 0.6 0.7 0.8

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

#### **PCA**

NCEP 10days Precip Prob. Fost

Init date: 170ct2021 / Valid: 180ct2021 to 260ct2021

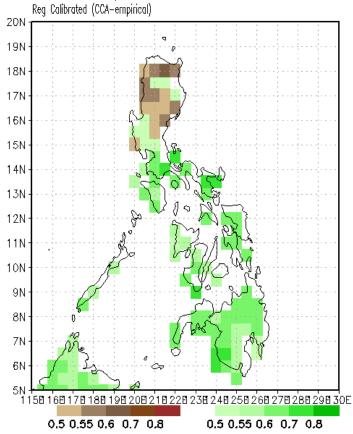


Probability of receiving above normal rainfall in most parts of the country except in northern half of Luzon where below normal rainfall is more likely.

#### **CCA**

NCEP 10days Precip Prob. Fost

Init date: 170ct2021 / Valid: 180ct2021 ta 260ct2021



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

