# **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 23, 2022

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.

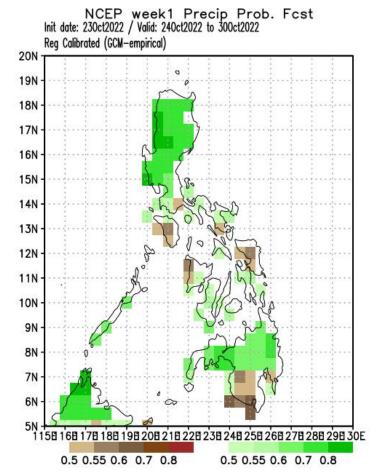




Rundate: 27 October 2022

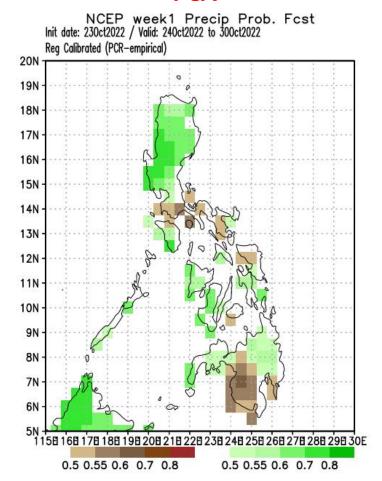
Idate: 23 Oct 2022 Oct 24-30, 2022

### GCM



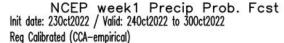
Probability of receiving above normal rainfall in most parts of the country except in Mindoro, Samar provinces and southwestern Mindanao where below normal rainfall is more likely.

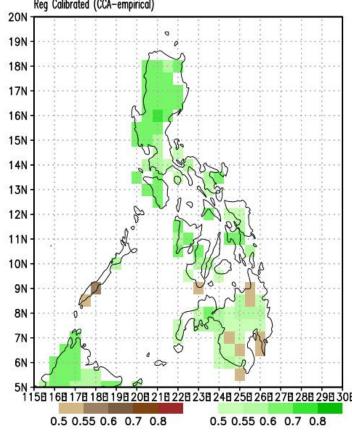
### **PCA**



Probability of receiving above normal rainfall in most parts of the country except in southern Luzon, Northern Samar, BARMM and Reg 12 where below normal rainfall is more likely.

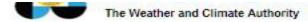
### CCA





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





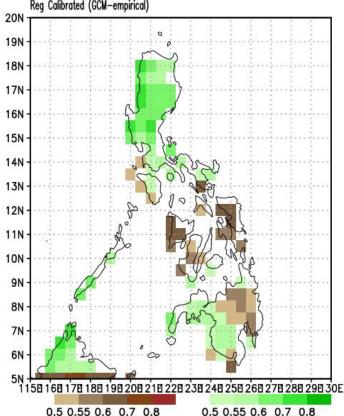
Idate: 23 Oct 2022

**Week 2 Forecast** 

Oct 31-Nov 06, 2022

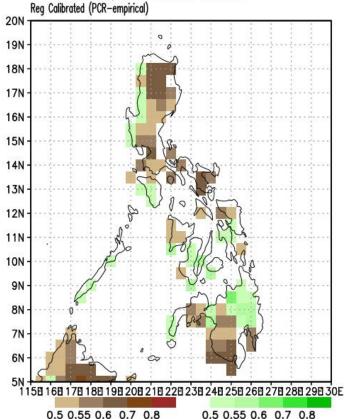
### GCM

NCEP week2 Precip Prob. Fcst Init date: 230ct2022 / Valid: 310ct2022 to 06Nov2022 Reg Calibrated (GCM-empirical)



Probability of receiving above normal rainfall in most parts of Visayas and eastern Mindanao while Luzon and rest of Mindanao will likely receive below normal rainfall.

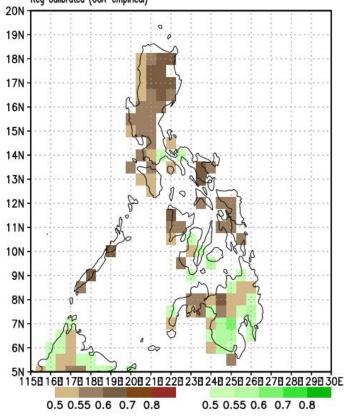
NCEP week2 Precip Prob. Fcst Init date: 230ct2022 / Valid: 310ct2022 to 06Nov2022



Probability of receiving below normal rainfall in most parts of Luzon, Panay Island, Northern Samar and western Mindanao while the rest of the country will likely receive above normal rainfall.

### CCA

NCEP week2 Precip Prob. Fcst Init date: 230ct2022 / Valid: 310ct2022 to 06Nov2022 Reg Calibrated (CCA-empirical)

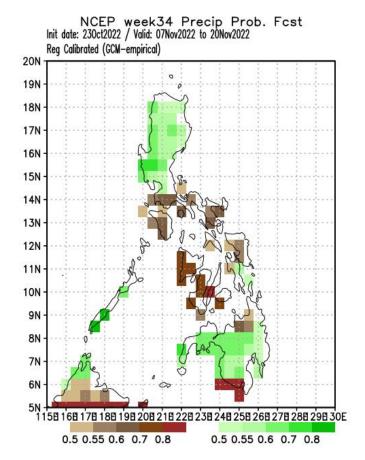


Probability of receiving below normal rainfall in most parts of Luzon, Visayas and northern Mindanao while the rest of Mindanao will likely receive above normal rainfall.



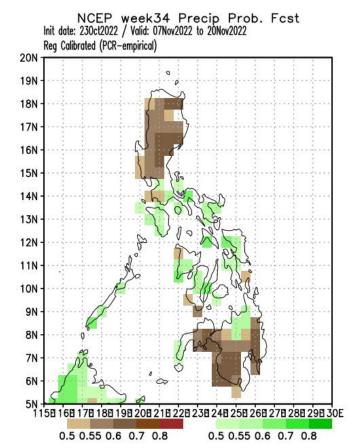
Idate: 23 Oct 2022 Week 3-4 Forecast Nov 07-20 2022

### **GCM**



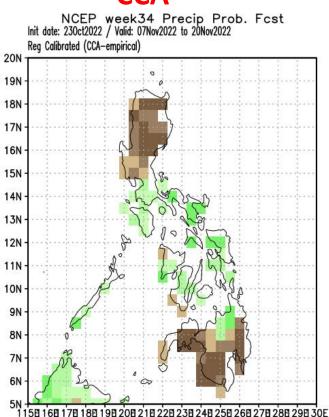
Probability of receiving below normal rainfall in most parts of Southern Luzon and Visayas while the rest of the country will likely receive above normal rainfall.

### PCA



Probability of receiving above normal rainfall in most parts of southern Luzon, Visayas and some areas in northern Mindanao while the rest of the country will likely receive below normal rainfall.

## **CCA**



Probability of receiving above normal rainfall in most parts of southern Luzon, Visayas and some areas in northern Mindanao while the rest of the country will likely receive below normal rainfall.

0.5 0.55 0.6 0.7 0.8

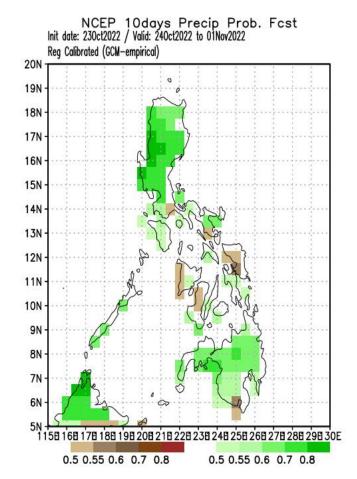
0.5 0.55 0.6 0.7 0.8



Idate: 23 Oct 2022 **10 days Forecast** 

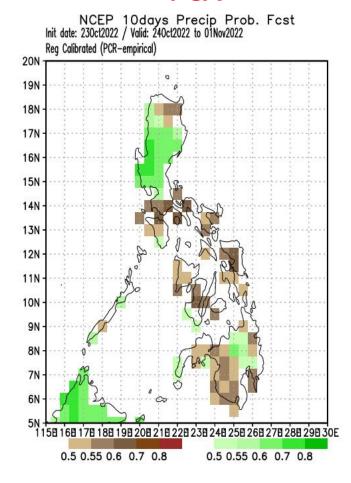
Oct 24- Nov 01, 2022

## GCM



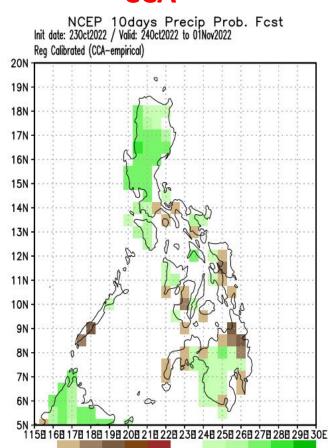
Probability of receiving above normal rainfall in most parts of the country except in eastern Luzon and some areas in western Visayas where below normal rainfall is more likely.

### **PCA**



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

### **CCA**



Probability of receiving above normal rainfall in most parts of the country except patches of northern 🦰 below normal in Visayas and Mindanao.

0.5 0.55 0.6 0.7 0.8

0.5 0.55 0.6 0.7 0.8

