# 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 15, 2023

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.





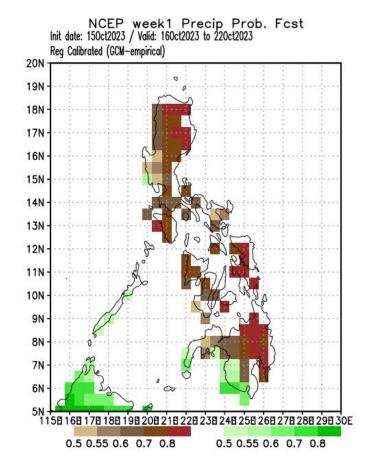
**Rundate: 19 Oct 2023** 

Idate: 15 Oct 2023

**Week 1 Forecast** 

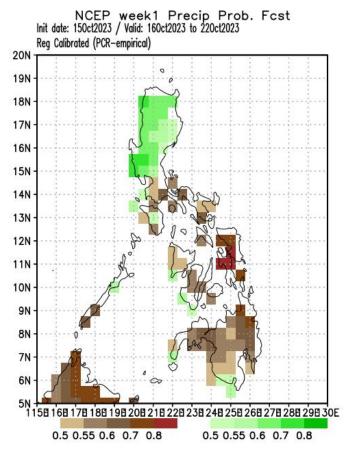
Oct 16--22, 2023

GCM



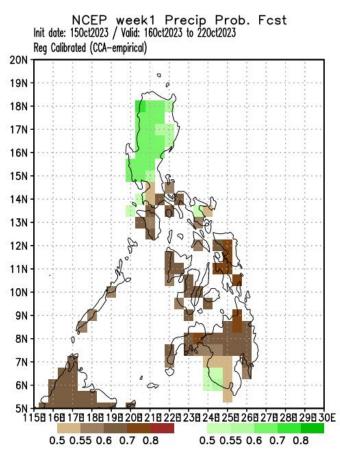
Probability of receiving below normal rainfall in most parts of the country except in some areas in Palawan and western Mindanao where above normal rainfall is more likely.

#### **PCA**



Probability of receiving above normal rainfall in most parts of northern & central Luzon, and CALABARZON while most parts of southern Luzon, Visayas and Mindanao will likely have below normal rainfall.

#### **CCA**

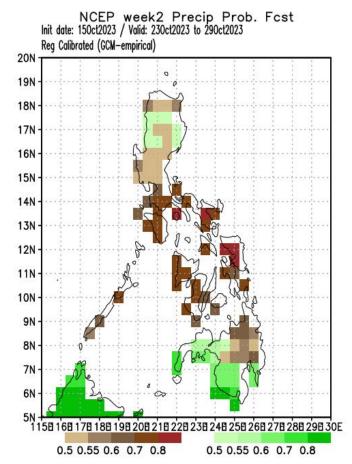


Probability of receiving above normal rainfall in most parts of northern & central Luzon, and CALABARZON while most parts of southern Luzon, Visayas and Mindanao will likely have below normal rainfall.

Idate: 15 Oct 2023

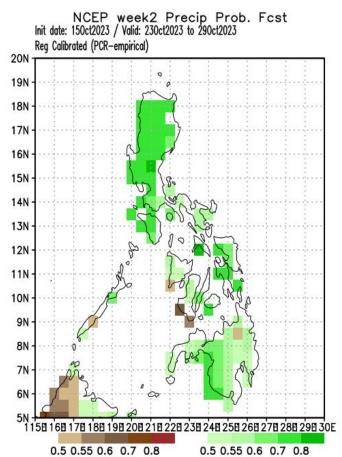
# Week 2 Forecast Oct 23-29, 2023

# **GCM**



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

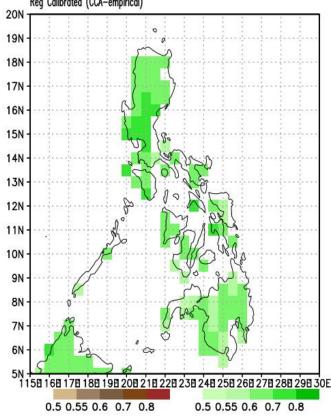
### **PCA**



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

## **CCA**





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



SA

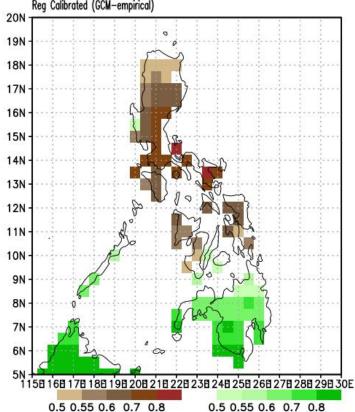
Idate: 15 Oct 2023

Week 3-4 Forecast

Oct 30- Nov 12, 2023

# **GCM**

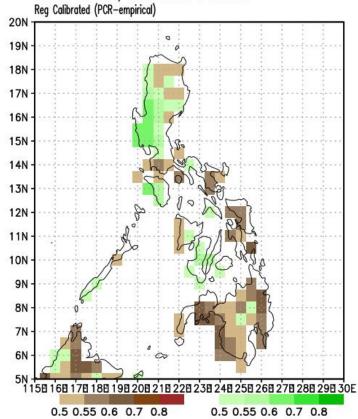
NCEP week34 Precip Prob. Fcst Init date: 150ct2023 / Valid: 300ct2023 to 12Nov2023 Reg Calibrated (GCM-empirical)



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

# PCA

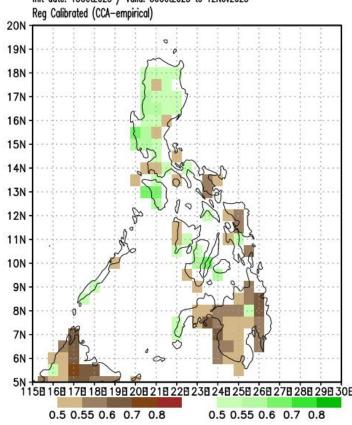
NCEP week34 Precip Prob. Fcst Init date: 150ct2023 / Valid: 300ct2023 to 12Nov2023



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

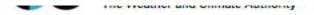
#### CCA

NCEP week34 Precip Prob. Fcst Init date: 150ct2023 / Valid: 300ct2023 to 12Nov2023



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

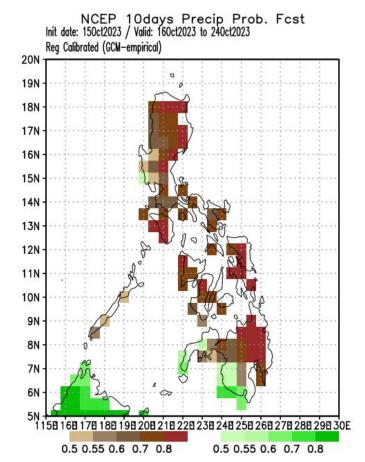




Idate: 15 Oct 2023

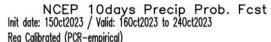
# 10 days Forecast Oct. 16-24, 2023

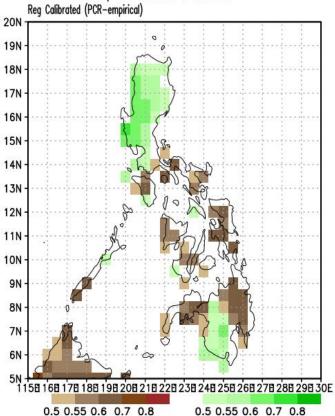
# **GCM**



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

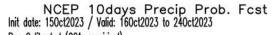
#### **PCA**

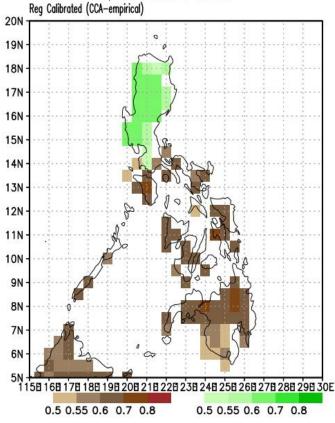




Probability of receiving above normal rainfall in most parts of northern & central Luzon, and CALABARZON while most parts of southern Luzon, Visayas, Zamboanga Peninsula and eastern Mindanao will likely have below normal rainfall.

#### **CCA**





Probability of receiving above normal rainfall in most parts of northern & central Luzon, and CALABARZON while most parts of southern Luzon, Visayas and Mindanao will likely have below normal rainfall.