# 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 19, 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.





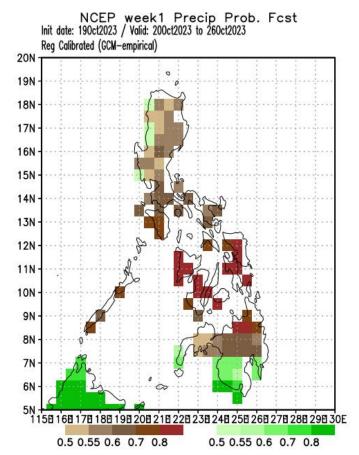
**Rundate: 23 Oct 2023** 

Idate: 19 Oct 2023

Week 1 Forecast

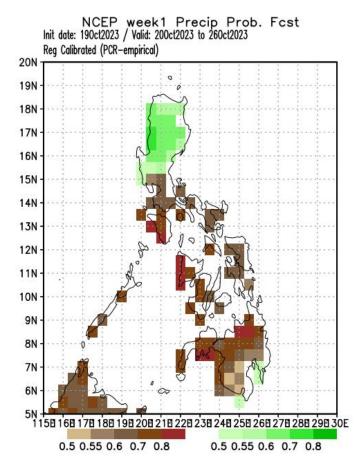
Oct 20-26, 2023

**GCM** 



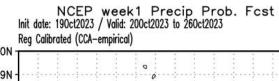
Probability of receiving below normal rainfall in most parts of the country except in some areas in western Luzon and southern Mindanao where above normal rainfall is more likely.

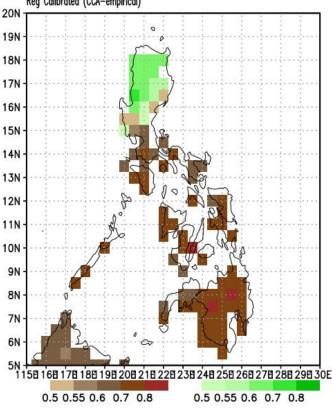
**PCA** 



Probability of receiving above normal rainfall in most parts of northern & central Luzon while the rest of the country will likely have below normal rainfall.

CCA





Probability of receiving above normal rainfall in most parts of northern & central Luzon while the rest of the country will likely have below 📉 normal rainfall.





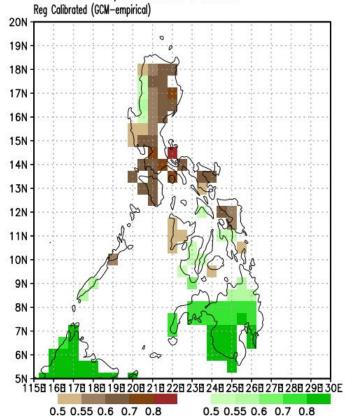
#### Idate: 19 Oct 2023

# Week 2 Forecast

Oct 27- Nov 02, 2023

## **GCM**

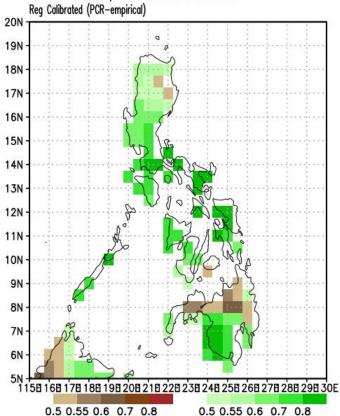
NCEP week2 Precip Prob. Fcst Init date: 190ct2023 / Valid: 270ct2023 to 02Nov2023 Rea Calibrated (GCM-empirical)



Probability of receiving below normal rainfall in most parts of Luzon, Panay Island and Samar provinces while the rest of the country will likely have above normal rainfall

## PCA

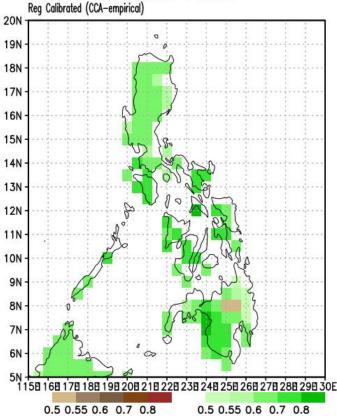
NCEP week2 Precip Prob. Fcst Init date: 190ct2023 / Valid: 270ct2023 to 02Nov2023 Rea Calibrated (PCR-empirical)



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

# **CCA**

NCEP week2 Precip Prob. Fcst Init date: 190ct2023 / Valid: 270ct2023 to 02Nov2023



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





Idate: 19 Oct 2023

Week 3-4 Forecast Nov 03-16, 2023

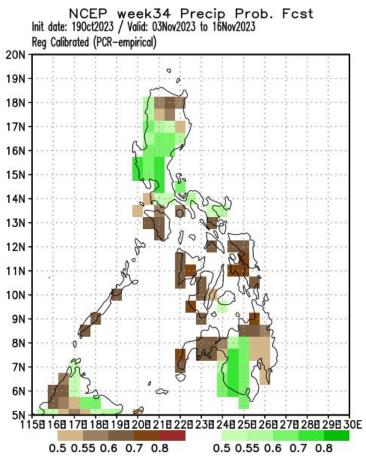
### GCM

NCEP week34 Precip Prob. Fcst Init date: 190ct2023 / Valid: 03Nov2023 to 16Nov2023 Reg Calibrated (GCM-empirical) 19N 18N 17N 16N 15N 14N 13N 12N 11N 10N 9N **8N** 7N 6N 5N 1 5B 16B 17B 18B 19B 20B 21B 22B 23B 24B 25B 26B 27B 28B 29B 30E

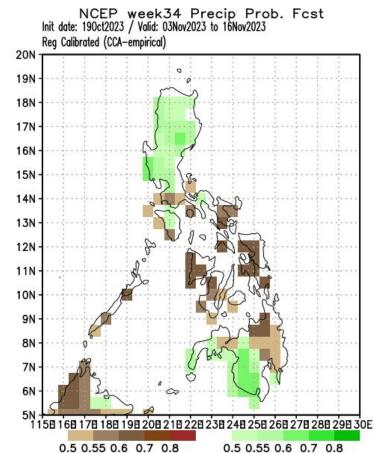
Probability of receiving below normal rainfall in most parts of Luzon and western Visayas while the rest of the country will likely have above normal rainfall.

0.5 0.55 0.6 0.7 0.8

0.5 0.55 0.6 0.7 0.8



Probability of receiving below normal rainfall in some areas in northern Luzon, MIMAROPA, most parts of Visayas, Zamboanga Peninsula and eastern Mindanao while the rest of the country will likely have above normal rainfall.



Probability of receiving above normal rainfall in most parts of Luzon and western Mindanao including Zamboanga Peninsula while the rest of the country will likely have below normal rainfall.

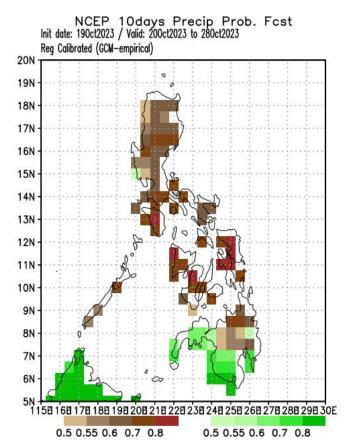




Idate: 19 Oct 2023

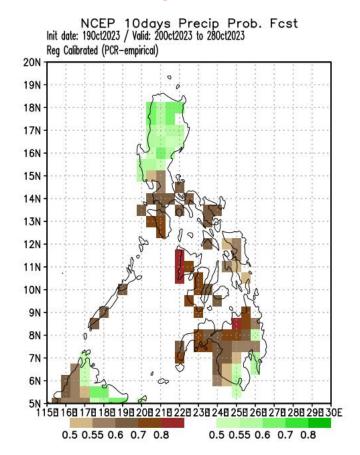
10 days Forecast Oct. 20-28, 2023

# **GCM**



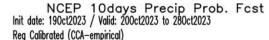
Probability of receiving below normal rainfall in most parts of Luzon, Visayas, Bukidnon and Caraga Region while the rest of Mindanao will likely have above normal rainfall.

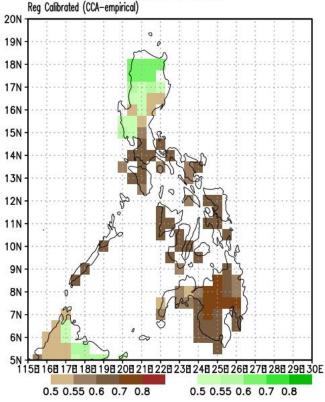
# **PCA**



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

#### **CCA**





Probability of receiving above normal rainfall in most parts of northern & central Luzon, while the rest of the country will likely have below normal rainfall.