# CPT based Sub-Seasonal Forecasting (Philippines)

**NOAA's CPC International Desks** 

CPT is using NCEP CFSv2 (Climate Forecast Systems V.2) forecasts. Initial condition: November 26, 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.



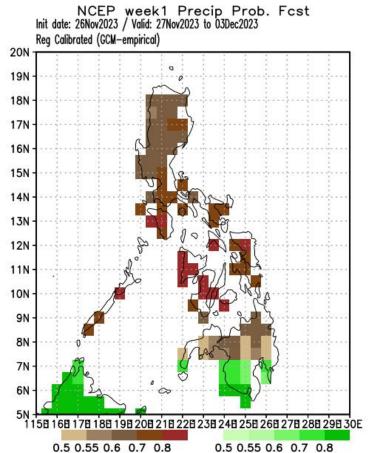


**Rundate: 29 November 2023** 

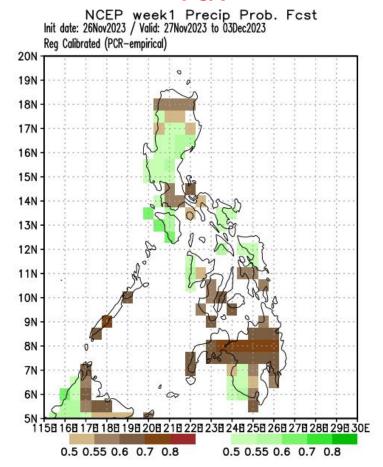
Idate: 26 Nov 2023

Week 1 Forecast

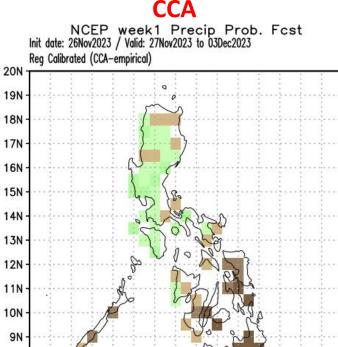
Nov 27-30, 2023



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



Probability of receiving above normal rainfall in most parts of Luzon, Panay Island, and Samar provinces while some areas in northern & southern Luzon and most parts of Mindanao will likely have below normal rainfall.



8N

7N

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

5N 15B 16B 17B 18B 19B 20B 21B 22B 23B 24B 25B 26B 27B 28B 29B 30E

0.5 0.55 0.6 0.7 0.8

0.5 0.55 0.6 0.7 0.8



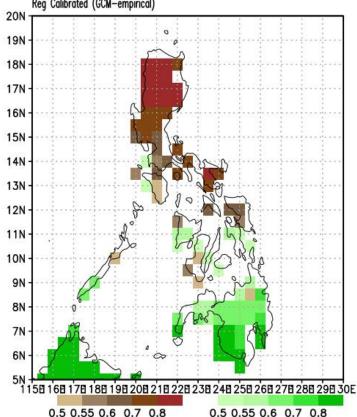


Idate: 26 Nov 2023

# Week 2 Forecast Dec 04-10, 2023

### **GCM**

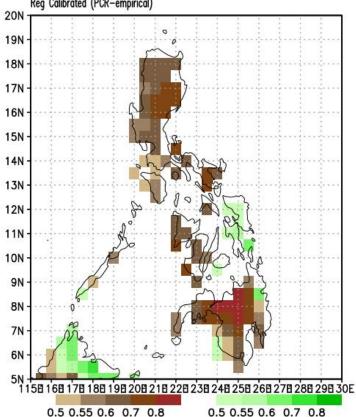
NCEP week2 Precip Prob. Fcst Init date: 26Nov2023 / Valid: 04Dec2023 to 10Dec2023 Req Calibrated (GCM-empirical)



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

### PCA

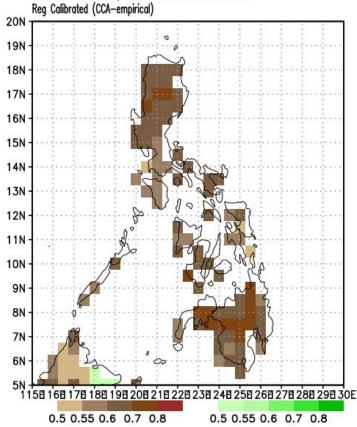
NCEP week2 Precip Prob. Fcst Init date: 26Nov2023 / Valid: 04Dec2023 to 10Dec2023 Reg Calibrated (PCR-empirical)



Probability of receiving below normal rainfall in most parts of the country except in Eastern Visayas where above normal rainfall is more likely.

### **CCA**

NCEP week2 Precip Prob. Fcst Init date: 26Nov2023 / Valid: 04Dec2023 to 10Dec2023



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

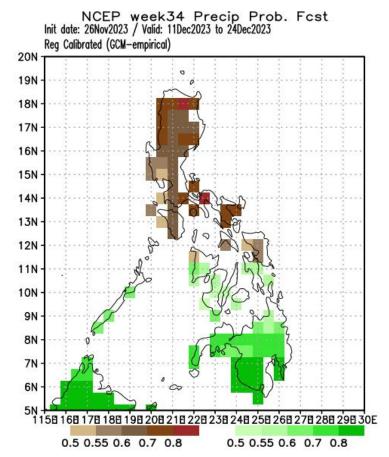


Idate: 26 Nov 2023

Week 3-4 Forecast

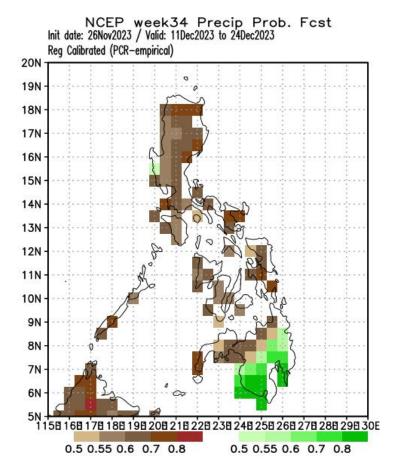
Dec 11-24, 2023

### GCM



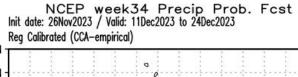
Probability of receiving below normal rainfall in most parts of Luzon and Samar provinces while the rest of the country will likely have above normal rainfall.

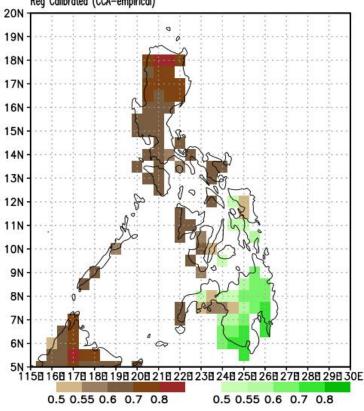
### **PCA**



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

### CCA





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

Idate: 26 Nov 2023

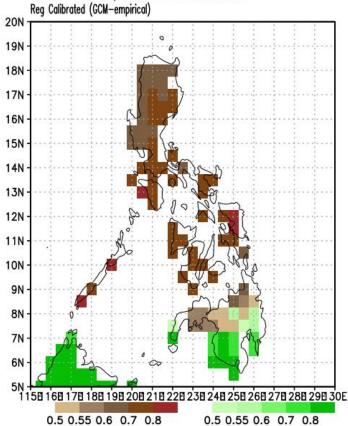
# **10 days Forecast**

Nov 27- Dec 05, 2023

### **GCM**

NCEP 10days Precip Prob. Fcst Init date: 26Nov2023 / Valid: 27Nov2023 to 05Dec2023

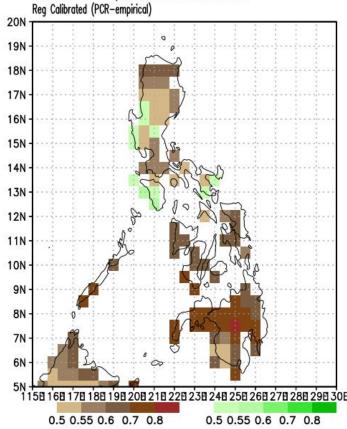
Rea Calibrated (GCM--empirical)



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

## **PCA**

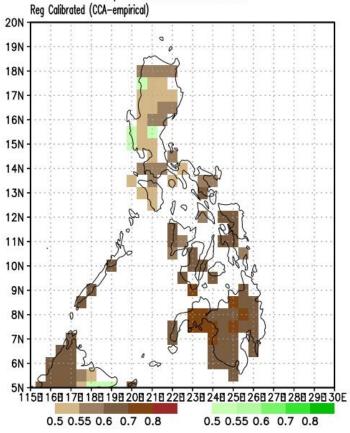
NCEP 10days Precip Prob. Fcst Init date: 26Nov2023 / Valid: 27Nov2023 to 05Dec2023



Probability of receiving above normal rainfall in most parts of the country except in Mindoro and some areas in western & central Luzon and Bicol Region where above normal rainfall is more likely. .

### **CCA**

NCEP 10days Precip Prob. Fcst Init date: 26Nov2023 / Valid: 27Nov2023 to 05Dec2023



Probability of receiving above normal rainfall in most parts of the country except with some patches of above normal rainfall in Luzon.

