# **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, 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.

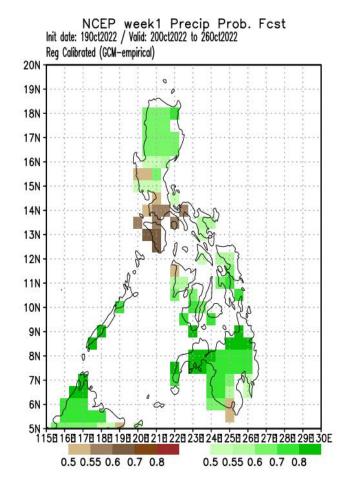




Rundate: 24 October 2022

Idate: 19 Oct 2022 Oct 20-26, 2022

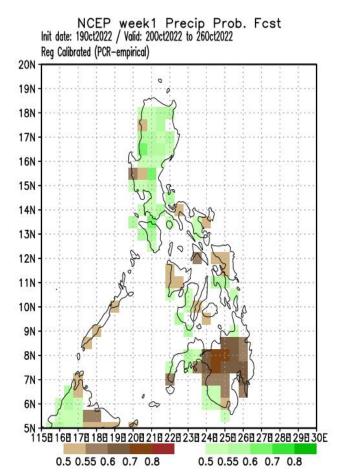
### GCM



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

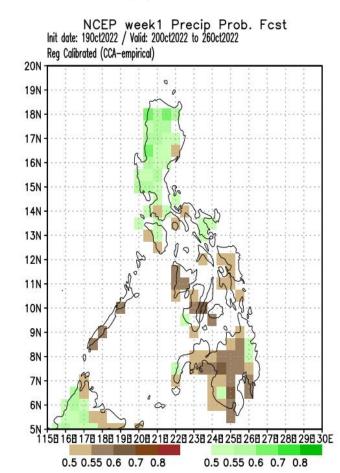
## The Weather and Climate Authority

### **PCA**



Probability of receiving above normal rainfall in most parts of Luzon, Negros Island, Leyte provinces, Zamboanga Peninsula and some areas in northwestern and southwestern Mindanao while the rest of the country will likely receive below normal rainfall.

### CCA



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

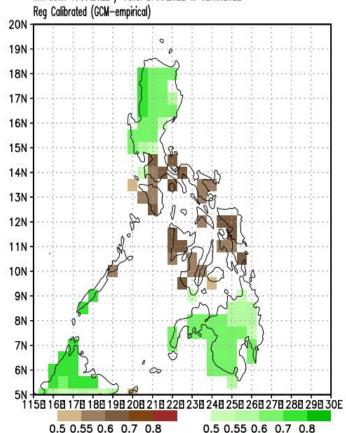


Idate: 19 Oct 2022 Week 2 Forecast

Oct 27-Nov 02, 2022

### GCM

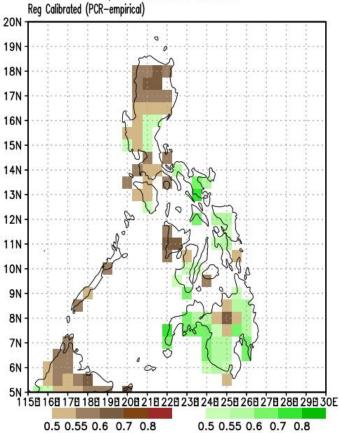
NCEP week2 Precip Prob. Fcst Init date: 190ct2022 / Valid: 270ct2022 to 02Nov2022 Rea Calibrated (GCM-empirical)



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

### **PCA**

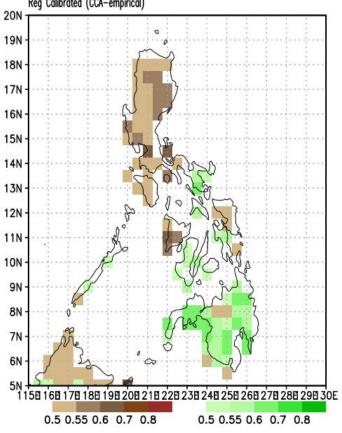
NCEP week2 Precip Prob. Fcst Init date: 190ct2022 / Valid: 270ct2022 to 02Nov2022



Probability of receiving below normal rainfall in most parts of northern & western Luzon and Panay Island while the rest of the country will likely receive above normal rainfall.

### CCA

NCEP week2 Precip Prob. Fcst Init date: 190ct2022 / Valid: 270ct2022 to 02Nov2022 Reg Calibrated (CCA-empirical)



Probability of receiving below normal rainfall in most parts of Luzon, Panay Island and Samar provinces while Bicol Region, the rest SA Visayas and most of Mindanao will likely receive above normal rainfall.



Idate: 19 Oct 2022 Week 3-4 Forecast Nov 03-16, 2022

### **GCM**

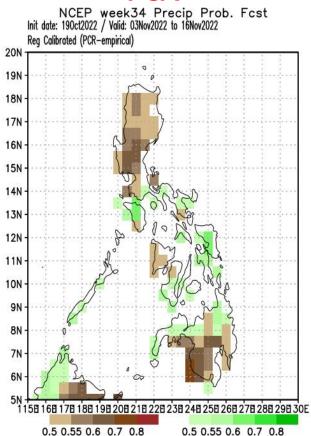
NCEP week34 Precip Prob. Fcst Init date: 190ct2022 / Valid: 03Nov2022 to 16Nov2022 Rea Calibrated (GCM-empirical) 20N 19N 18N 17N 16N 15N 14N 13N 12N 11N 10N 9N 8N 7N

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

0.5 0.55 0.6 0.7 0.8

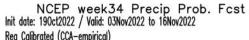
0.5 0.55 0.6 0.7 0.8

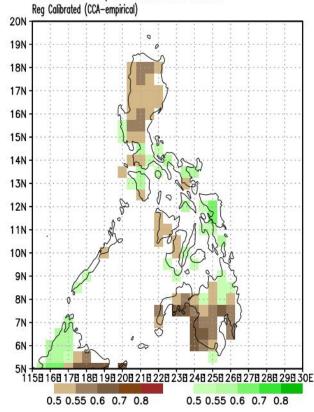
### **PCA**



Probability of receiving below normal rainfall in most parts of Luzon, Panay Island and southern Mindanao while Bicol Region, Mindoro, the rest of Visayas and northern Mindanao will likely receive above normal rainfall.

### **CCA**



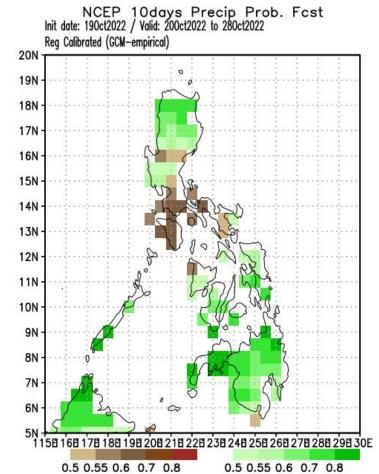


Probability of receiving below normal rainfall in most parts of northern & central Luzon, western Visayas and most of Mindanao while the rest of Luzon & Visayas and CARAGA Region will likely receive above normal rainfall.



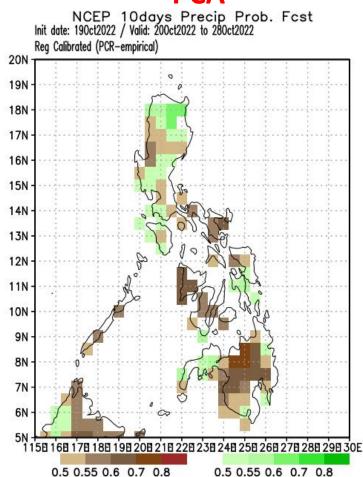
Idate: 19 Oct 2022 10 days Forecast Oct 20-28, 2022

### **GCM**



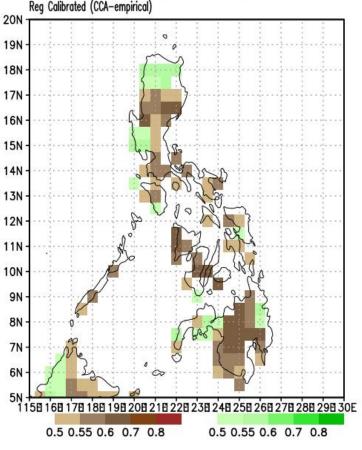
Probability of receiving above normal rainfall in most parts of the country except in southern Luzon where below normal rainfall is more likely.

### **PCA**



Probability of receiving above normal rainfall in most parts of Northern and Central Luzon, Leyte provinces and Zamboanga Peninsula while the rest of the country will likely receive below normal rainfall.





Probability of receiving below normal rainfall in most parts of the country except in northern Luzon and some areas in central Luzon, A Zamboanga Peninsula and eastern Caraga where above normal rainfall is more likely.