# 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 22, 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.





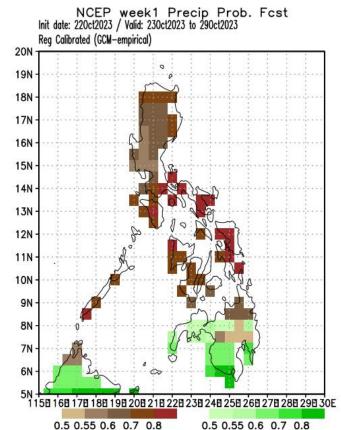
**Rundate: 26 Oct 2023** 

Idate: 22 Oct 2023

Week 1 Forecast

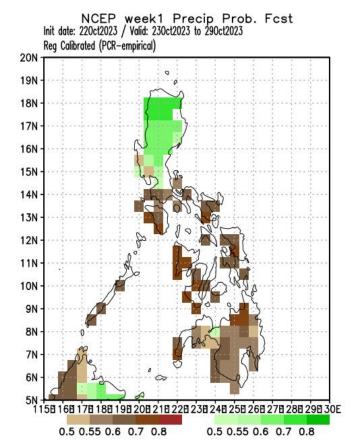
Oct 23-29, 2023

GCM



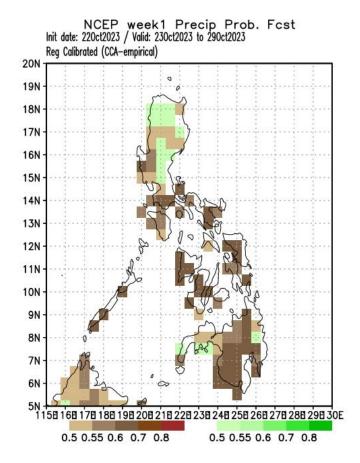
Probability of receiving below normal rainfall in Luzon, Visayas, Caraga Region, and Misamis Oriental while the rest of Mindanao will likely have above normal rainfall.





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 below normal rainfall in most parts of the country except in some areas in northern and eastern Luzon where above no normal rainfall is more likely.





Idate: 22 Oct 2023

#### **Week 2 Forecast**

Oct 30- Nov 05, 2023

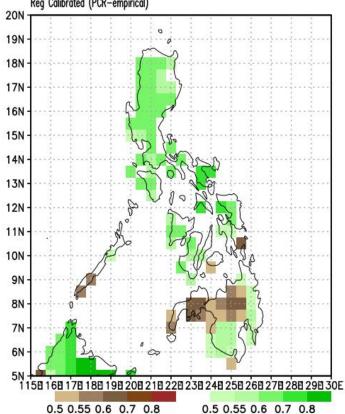
#### **GCM**

NCEP week2 Precip Prob. Fcst Init date: 220ct2023 / Valid: 300ct2023 to 05Nov2023 Rea Calibrated (GCM-empirical) 19N 18N 17N 16N 15N 14N 12N 11N 10N 8N **7N** 1158 168 178 188 198 208 218 228 238 248 258 268 278 288 298 30E 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 most parts of Luzon and Samar provinces while the rest of the country will likely have above normal rainfall

# **PCA**

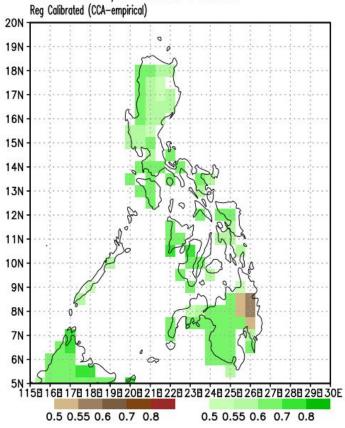




Probability of receiving above normal rainfall in most parts of the country except in northern Mindanao and Zamboanga Peninsula where below normal rainfall is more likely.

# **CCA**





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

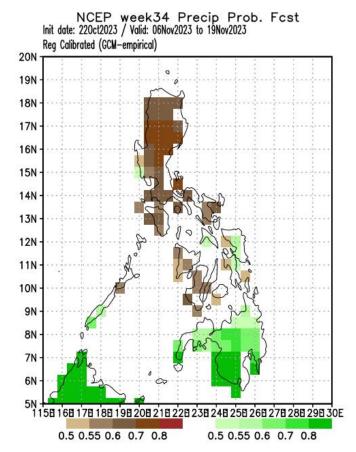


SA



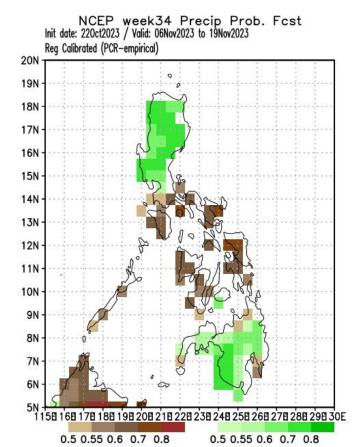
Idate: 22 Oct 2023 Week 3-4 Forecast Nov 06-19, 2023

# **GCM**



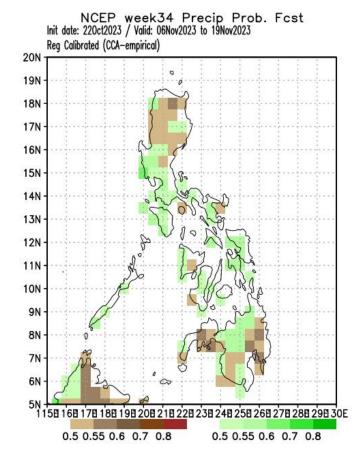
Probability of receiving below normal rainfall in most parts of Luzon and western Visayas while the rest of the country will likely have above normal rainfall.

# **PCA**



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

# **CCA**



Probability of receiving above normal rainfall in most parts of the country except in northwestern Luzon, Zamboanga Peninsula and southwestern Mindanao where below normal rainfall is more likely.

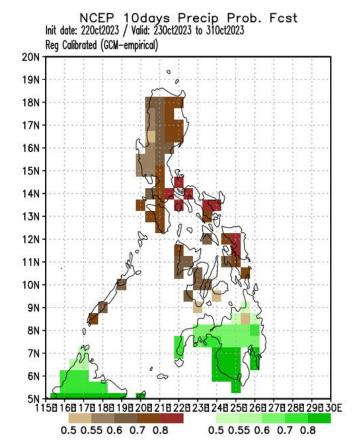


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Idate: 22 Oct 2023

10 days Forecast Oct. 23-31, 2023

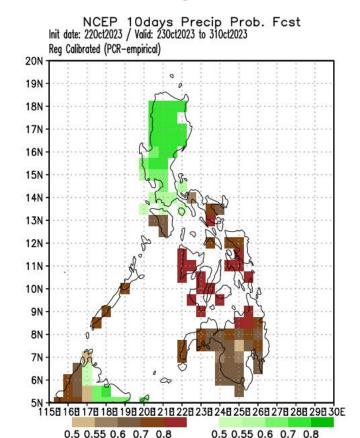
#### **GCM**



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

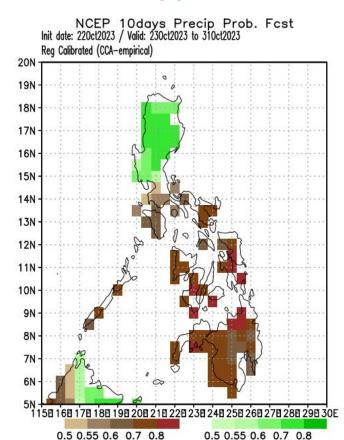


# **PCA**



Probability of receiving below normal rainfall in most parts of Bicol Region, Mindoro, Palawan, Masbate, Visayas and Mindanao while the rest of Luzon will likely have above normal rainfall

#### CCA



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

