# CPT based Sub-Seasonal Forecasting (Philippines)

**NOAA's CPC International Desks** 

CPT is using NCEP CFSv2 (Climate Forecast Systems V.2) forecasts. Initial condition: July 30, 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.



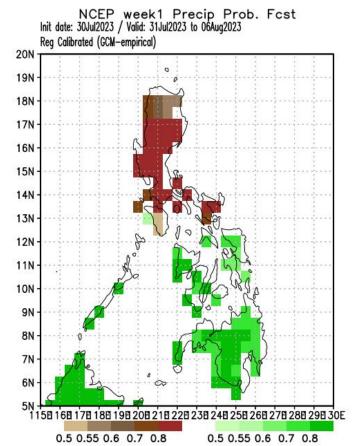


Rundate: 02 Aug 2023 Idate: 30 July 2023

**Week 1 Forecast** 

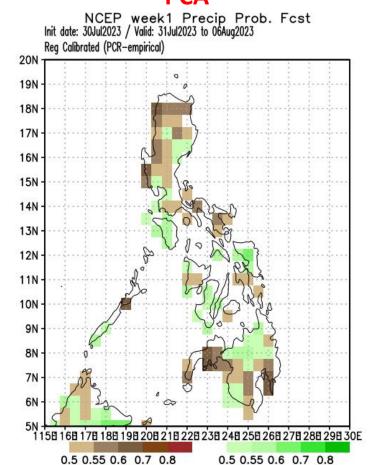
Jul 31- Aug 06, 2023

GCM



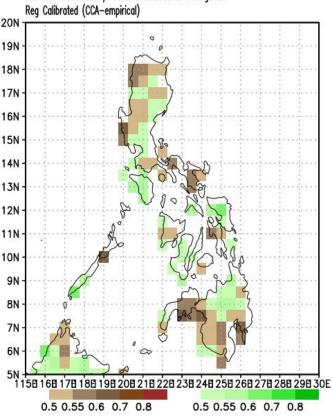
Probability of receiving below normal rainfall in most parts of Luzon while Visayas and Mindanao will likely have above normal rainfall.

PCΔ



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

NCEP week1 Precip Prob. Fcst Init date: 30Jul2023 / Valid: 31Jul2023 to 06Aug2023 Reg Calibrated (CCA-empirical)

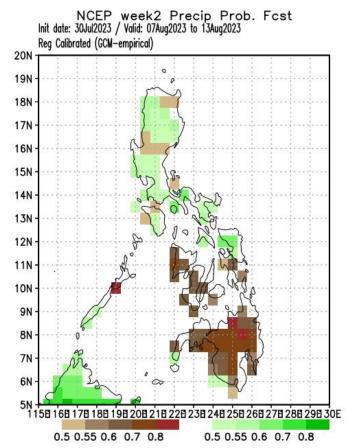


Probability of receiving below normal rainfall in some areas in northern, western and southern Luzon, western Mindanao and Davao Region while some areas in eastern and central Luzon, Mindoro, most parts of Visayas and rest of Mindanao will likely have above normal rainfall.

## **Idate: 30 July 2023**

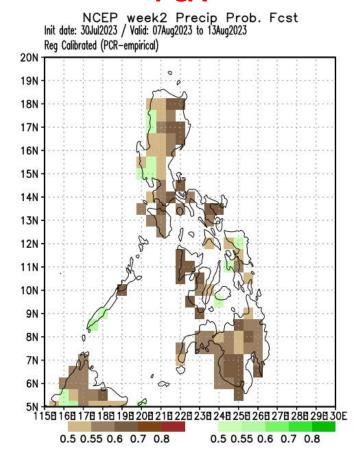
# Week 2 Forecast Aug 07-13, 2023

## **GCM**



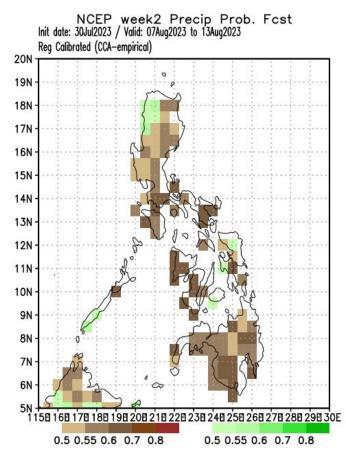
Probability of receiving above normal rainfall in most parts of Luzon and Samar provinces while the rest of Visayas and Mindanao will likely have below normal rainfall.

#### PCA



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

# **CCA**



Probability of receiving below normal rainfall in most parts of the country except in Ilocos Norte and Samar provinces where above normal rainfall is more likely.

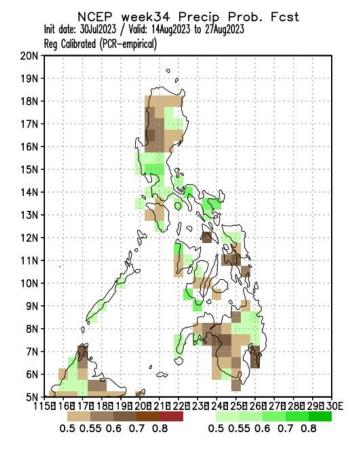
Idate: 30 July 2023 Week 3-4 Forecast Aug 14-27, 2023

## **GCM**

NCEP week34 Precip Prob. Fcst Init date: 30Jul2023 / Valid: 14Aug2023 to 27Aug2023 Reg Calibrated (GCM-empirical) 19N 17N 16N 15N 14N 13N 12N 11N 10N 9N 8N 7N 115B 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

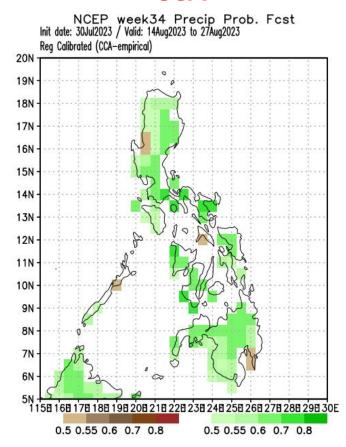
Probability of receiving below normal rainfall in most parts of Luzon and Visayas while Mindanao will likely have above normal rainfall.

# **PCA**



Probability of receiving below normal rainfall in most parts of northern Luzon (except Isabela), Leyte provinces and western Mindanao 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.





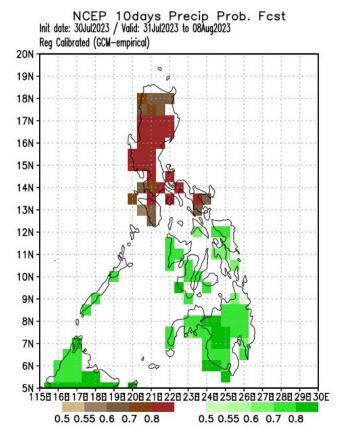
PAGASA

**Idate: 30 July 2023** 

**10 days Forecast** 

Jul 31- Aug 08, 2023

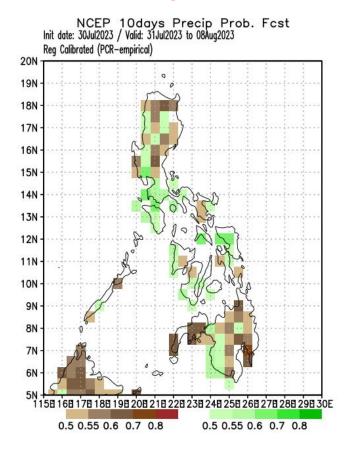
# **GCM**



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

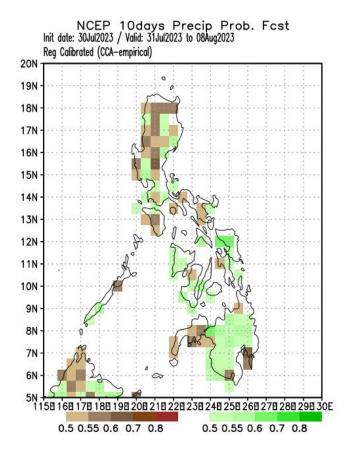
# PAGASA The Weather and Climate Authority

# **PCA**



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

## **CCA**



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

