# CPT based Sub-Seasonal Forecasting (Philippines)

**NOAA's CPC International Desks** 

CPT is using NCEP CFSv2 (Climate Forecast Systems V.2) forecasts. Initial condition: December 04, 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.



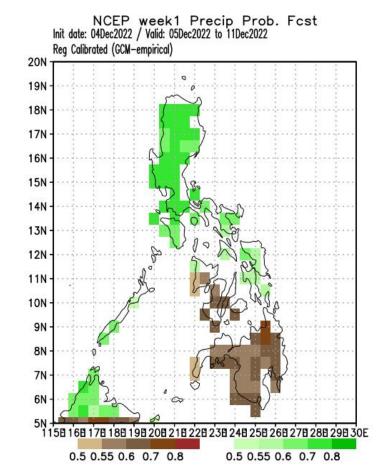


Rundate: 08 December 2022

**Idate: 04 December 2022** 

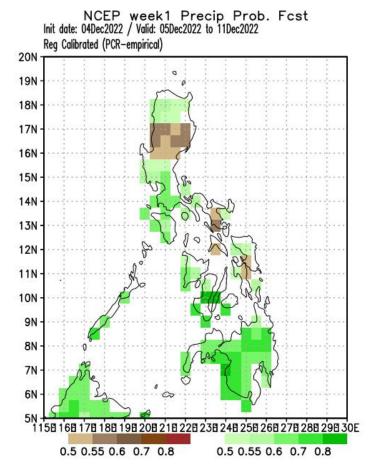
Dec 05-11, 2022

## **GCM**



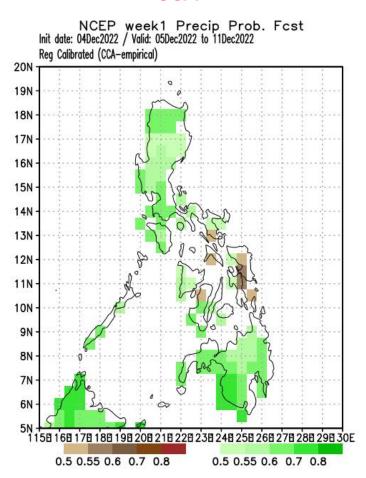
Probability of receiving above normal rainfall in most parts of Luzon and Eastern Visayas while the rest of the country will likely receive below normal rainfall.

## **PCA**



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

#### **CCA**



Probability of receiving above normal rainfall in most parts of the country except with patches of below normal in Bicol Region and eastern Visayas.

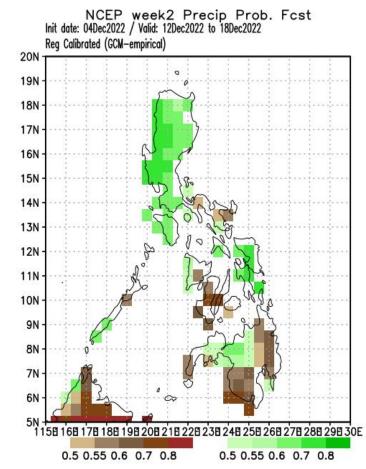


The frequier and onmate Additionty

# Idate: 04 December 2022

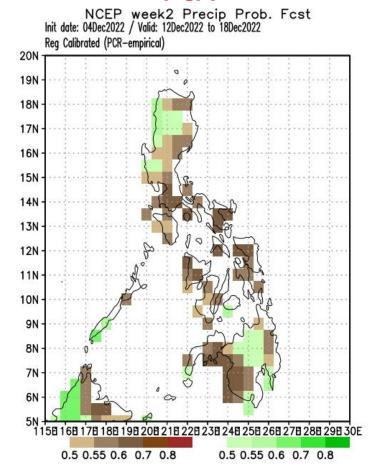
# Week 2 Forecast Dec 12-18, 2022

# **GCM**



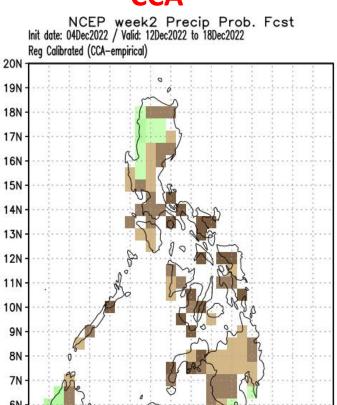
Probability of receiving above normal rainfall in most parts of Luzon, Eastern Visayas, Zamboanga Peninsula and northern Mindanao while the rest of the country will likely receive below normal rainfall.

# PCA



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

# **CCA**



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

5N 1 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: 04 December 2022

# Week 3-4 Forecast Dec 19- Jan 01, 2022

# GCM

NCEP week34 Precip Prob. Fcst Init date: 04Dec2022 / Valid: 19Dec2022 to 01Jan2023 Reg Calibrated (GCM-empirical)

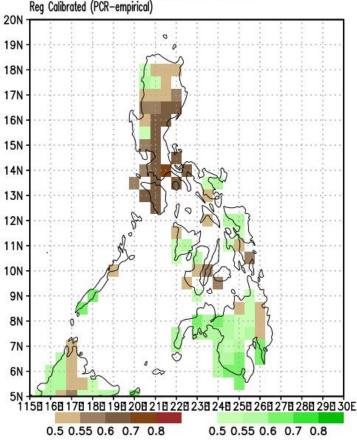
20N -18N 17N 16N 15N 12N · 11N 10N 9N 8N 7N -1158 168 178 188 198 208 218 228 238 248 258 268 278 288 298 30E 0.5 0.55 0.6 0.7 0.8 0.5 0.55 0.6 0.7 0.8

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

# The Weather and Climate Authority

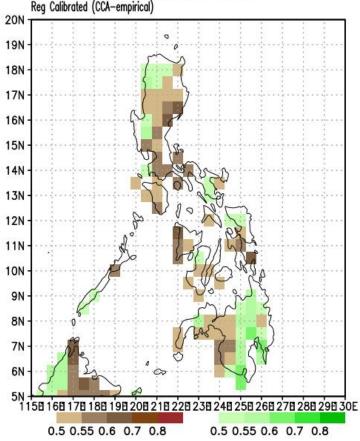
# **PCA**

NCEP week34 Precip Prob. Fcst Init date: 04Dec2022 / Valid: 19Dec2022 to 01Jan2023 Reg Calibrated (PCR-empirical)



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



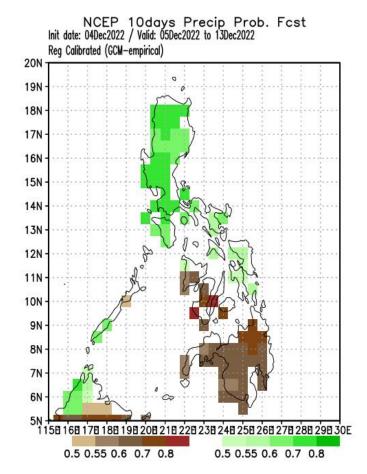


Probability of receiving below normal rainfall in most parts of the country except in some areas in northern Luzon, Bicol Region, eastern Visayas and northern & eastern Mindanao where above normal rainfall is more likely.

## Idate: 04 December 2022

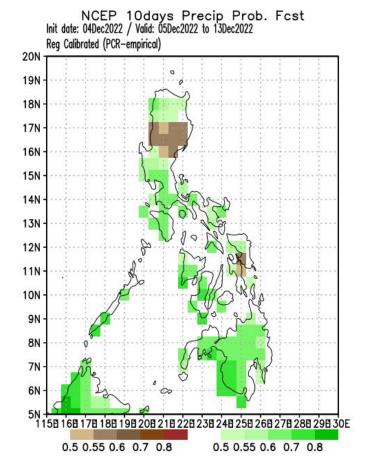
# 10 days Forecast Dec 05-13, 2022

# **GCM**



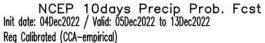
Probability of receiving above normal rainfall in most parts of Luzon and Eastern Visayas while the rest of the country will likely receive below normal rainfall.

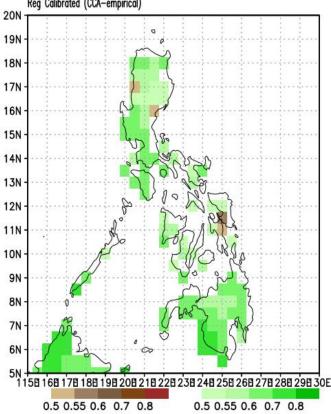
# **PCA**



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

# CCA





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