# **CPT based Sub-Seasonal Forecasting (Philippines)**

# **NOAA's CPC International Desks**

CPT is using NCEP CFSv2 (Climate Forecast Systems V.2) forecasts. Initial condition: May 22, 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.

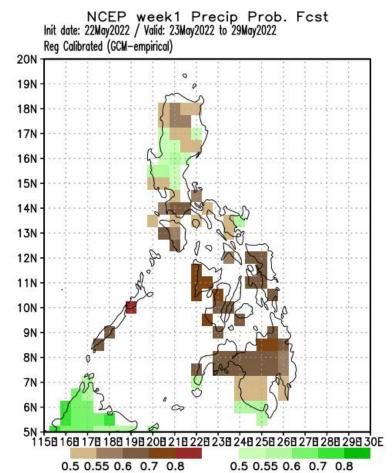




Rundate: 26 May 2022 Idate: 22 May 2022

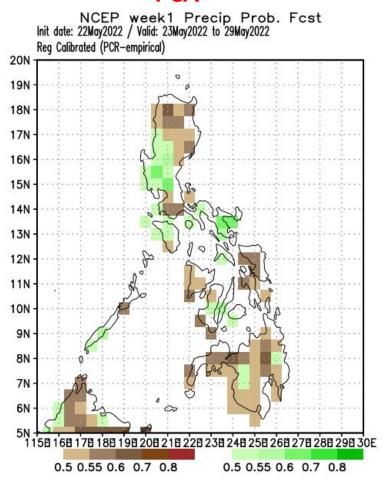
May 23-29, 2022

#### **GCM**



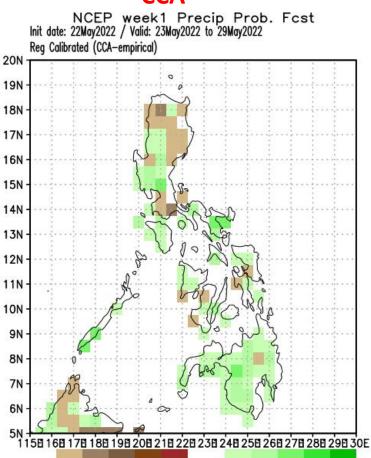
Probability of receiving below normal rainfall in most parts of the country except in some areas in central parts of Luzon where above normal rainfall is more likely.

#### **PCA**



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

#### **CCA**



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

0.5 0.55 0.6 0.7 0.8

0.5 0.55 0.6 0.7 0.8

Idate: 22 May 2022 Week 2 Forecast May 30- Jun 05, 2022

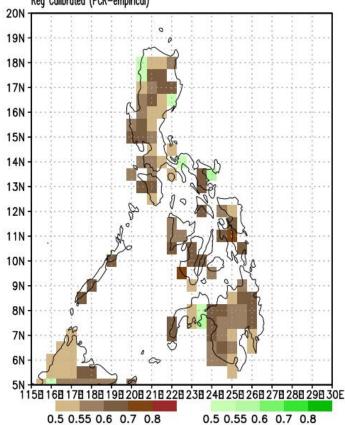
# **GCM**

NCEP week2 Precip Prob. Fcst Init date: 22May2022 / Valid: 30May2022 to 05Jun2022 Reg Calibrated (GCM-empirical) 20N 19N 18N 17N 16N 15N 14N 13N 12N 11N 10N 9N 8N 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 northern Luzon, Mindoro and most parts of Visayas while the rest of the country will likely receive below normal rainfall.

#### PCA

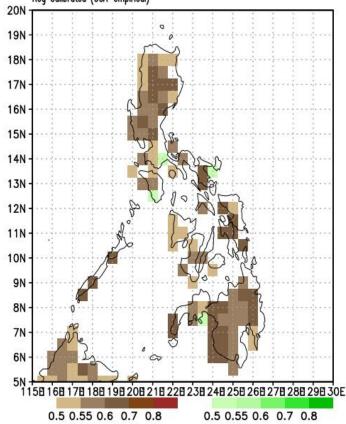
NCEP week2 Precip Prob. Fcst Init date: 22May2022 / Valid: 30May2022 to 05Jun2022 Reg Calibrated (PCR-empirical)



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

#### CCA

NCEP week2 Precip Prob. Fcst Init date: 22May2022 / Valid: 30May2022 to 05Jun2022 Reg Calibrated (CCA-empirical)

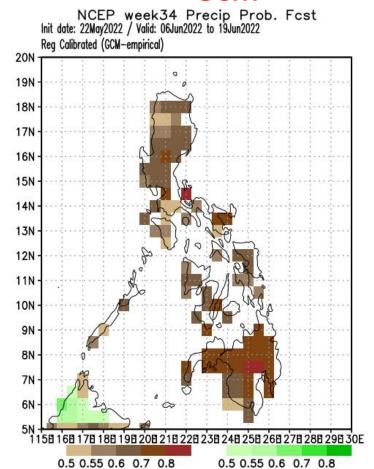


Probability of receiving below normal rainfall in most parts the country is expected.



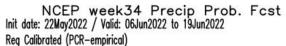
Idate: 22 May 2022 Week 3-4 Forecast Jun 06-19, 2022

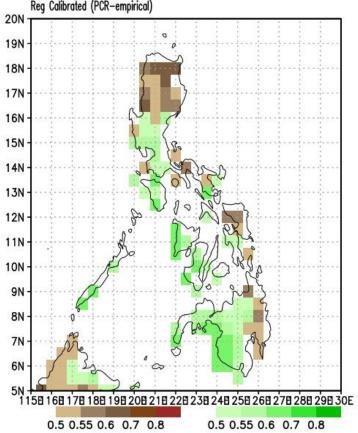
# **GCM**



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

# PCA

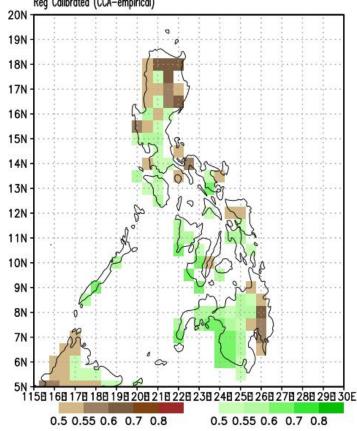




Probability of receiving above normal rainfall in most parts the country except in northern Luzon and patches of below normal in Bicol Region, eastern Visayas and Mindanao.

# **CCA**

NCEP week34 Precip Prob. Fcst Init date: 22May2022 / Valid: 06Jun2022 to 19Jun2022 Reg Calibrated (CCA-empirical)



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

Idate: 22 May 2022 10 days Forecast May 23-31, 2022

7N

# GCM

NCEP 10days Precip Prob. Fcst Init date: 22May2022 / Valid: 23May2022 to 31May2022 Reg Calibrated (GCM-empirical) 20N 19N 18N 17N 16N 15N 11N 10N **8N** 

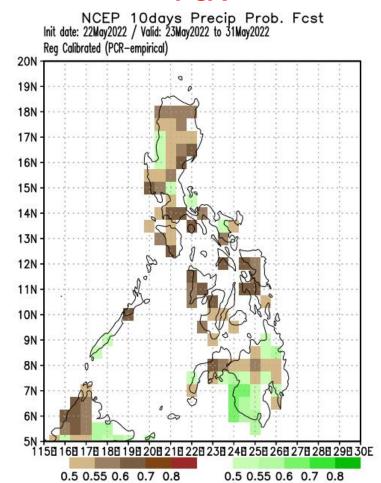
Probability of receiving below normal rainfall in most parts of the country except with some patches of above normal rainfall in Luzon and southern Mindanao.

0.5 0.55 0.6 0.7 0.8

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

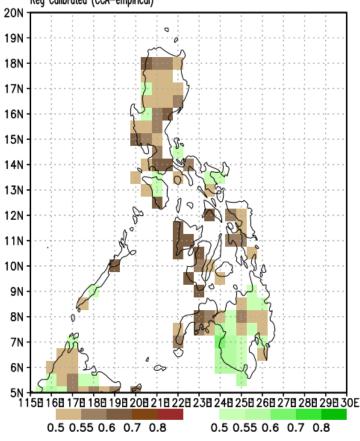
# **PCA**



Probability of receiving below normal rainfall in most parts of Luzon and Visayas while Mindanao will likely have above normal rainfall (except with some patches of below normal).

#### **CCA**

NCEP 10days Precip Prob. Fcst Init date: 22May2022 / Valid: 23May2022 to 31May2022 Reg Calibrated (CCA-empirical)



Probability of receiving below normal rainfall in most parts of Luzon and Visayas while Mindanao will likely have above normal rainfall (except with some patches of below normal).



