# **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 5, 2021

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: May 08, 2021

Idate: May 05, 2021

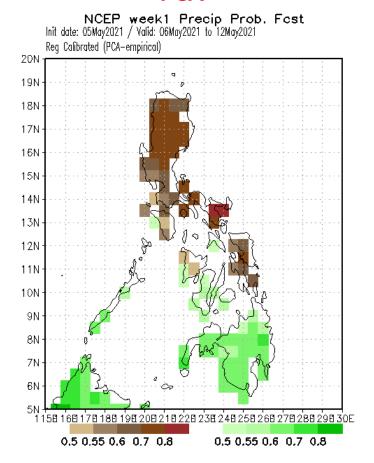
Week 1 Forecast May 06-12, 2021

#### **GCM**

NCEP week1 Precip Prob. Fcst Init date: 05May2021 / Valid: 06May2021 to 12May2021 Rea Calibrated (GCM-empirical) 19N 18N 17N 16N 15N 14N 13N 12N 11N 10N 9N 8N 7N 6N 0.5 0.55 0.6 0.7 0.8 0.5 0.55 0.6 0.7 0.8

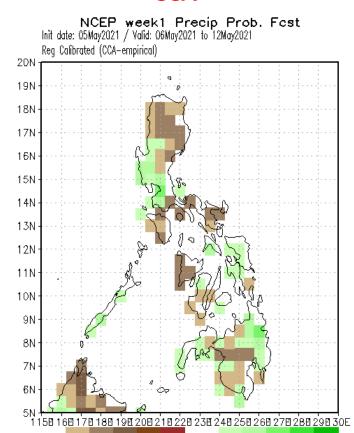
Probability of receiving below normal rainfall in most parts of Luzon and eastern parts of Visayas is expected while the rest of the country will likely receive above normal rainfall.

#### **PCA**



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

#### **CCA**



Probability of receiving below normal rainfall in most parts of the country is expected except in southwestern parts of Luzon, Samar Provinces and in eastern Mindanao where above normal rainfall is more likely.

0.5 0.55 0.6 0.7 0.8

0.5 0.55 0.6 0.7 0.8

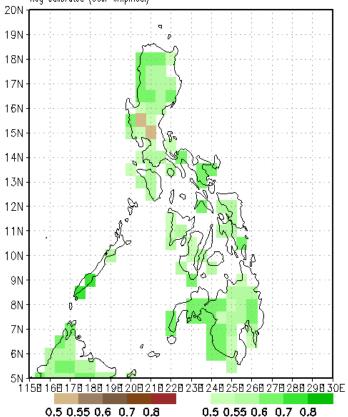


Idate: May 05, 2021

Week 2 Forecast May 13-19, 2021

#### **GCM**

NCEP week2 Precip Prob. Fcst Init date: 05May2021 / Valid: 13May2021 to 19May2021 Reg Calibrated (GCM-empirical)

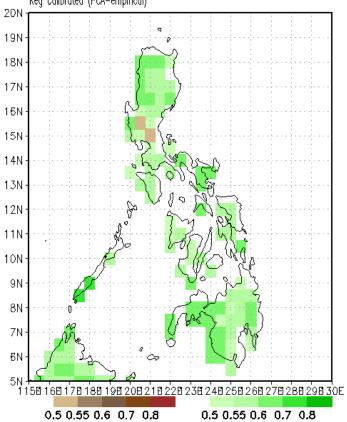


Probability of receiving above normal rainfall in most parts of the country is expected.

## **PCA**

NCEP week2 Precip Prob. Fcst Init date: 05May2021 / Valid: 13May2021 to 19May2021

Init date: 05May2021 / Valid: 13May2021 to 19May2021 Reg Calibrated (PCA-empirical)

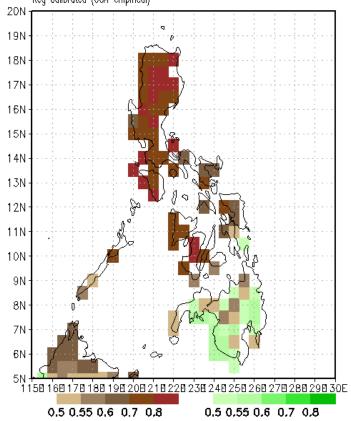


Probability of receiving above normal rainfall in most parts of the country is expected.

#### **CCA**

NCEP week2 Precip Prob. Fost

Init date: 05May2021 / Valid: 13May2021 to 19May2021 Reg Calibrated (CCA-empirical)



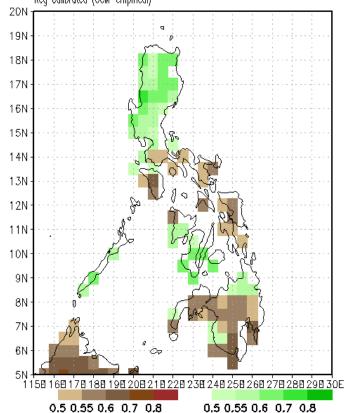
Probability of receiving above normal rainfall in most parts of Luzon and Visayas is expected while most parts of Mindanao will likely receive above normal rainfall.



Idate: May 05, 2021 Week 3-4 Forecast May 20-Jun 02, 2021

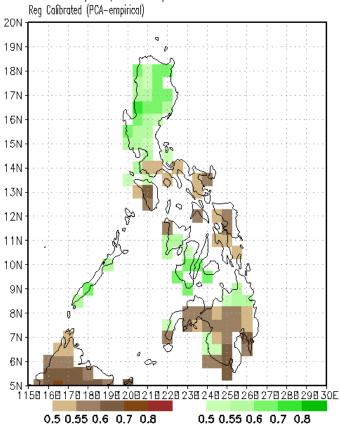
#### **GCM**

NCEP week34 Precip Prob. Fcst Init date: 05May2021 / Valid: 20May2021 to 02Jun2021 Reg Calibrated (GCM-empirical)



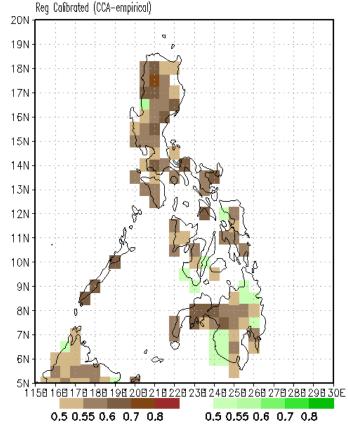
Probability of receiving below normal rainfall in most parts of Southern Luzon, western Visayas and most parts of Mindanao (except CARAGA Region) while the rest of the country will likely receive above normal rainfall.

NCEP week34 Precip Prob. Fcst
Init date: 05May2021 / Valid: 20May2021 to 02Jun2021



Probability of receiving below normal rainfall in most parts of Southern Luzon, western Visayas and most parts of Mindanao (except CARAGA Region) while the rest of the country will likely receive above normal rainfall.





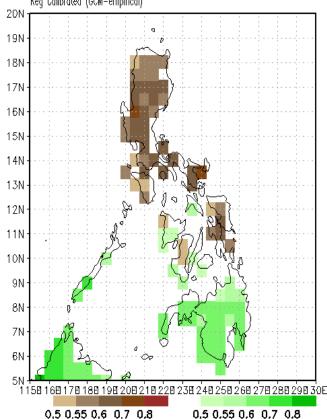
Probability of receiving below normal rainfall in most parts of the country is expected.

Idate: May 05, 2021

**10 days Forecast** May 06-14, 2021

#### **GCM**

NCEP 10days Precip Prob. Fost Init date: 05May2021 / Valid: 06May2021 to 14May2021 Reg Calibrated (GCM-empirical)

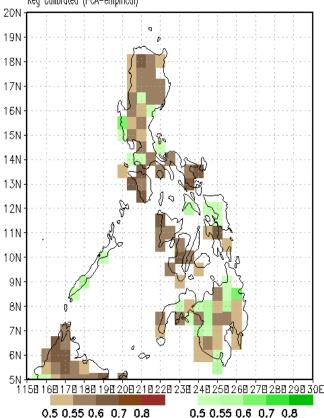


Probability of receiving below normal rainfall in most parts of Luzon and eastern parts of Visayas is expected while the rest of the country will likely receive above normal rainfall.

### **PCA**

NCEP 10days Precip Prob. Fast

Init date: 05May2021 / Valid: 06May2021 to 14May2021 Rea Calibrated (PCA-empirical)

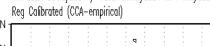


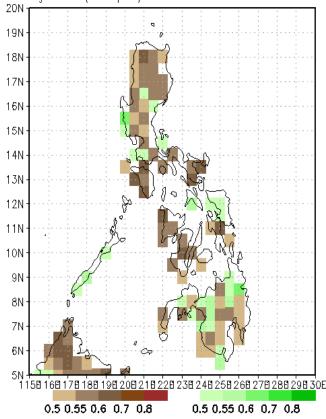
Probability of receiving below normal rainfall in most parts of the country is expected except with some patches of above normal rainfall in Samar Provinces and CARAGA Region.

# **CCA**

NCEP 10days Precip Prob. Fcst

Init date: 05May2021 / Valid: 06May2021 to 14May2021





Probability of receiving below normal rainfall in most parts of the country is expected except with some patches of above normal rainfall in Samar Provinces and CARAGA Region.



