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

# **NOAA's CPC International Desks**

CPT is using NCEP CFSv2 (Climate Forecast Systems V.2) forecasts. Initial condition: September 22, 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: Sep 26, 2021 Idate: Sep 22, 2021

**Week 1 Forecast** 

Sep 23-29, 2021

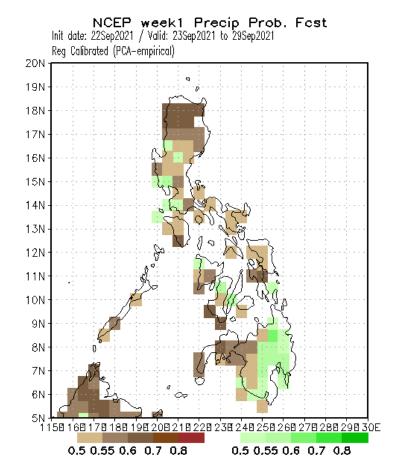
#### GCM

NCEP week1 Precip Prob. Fost Init date: 22Sep2021 / Valid: 23Sep2021 to 29Sep2021 Reg Calibrated (GCM-empirical) 20N 19N 18N 17N 16N 15N 14N 13N 12N 11N 10N 9N 8N 7N 6N 11158 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

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

0.5 0.55 0.6 0.7 0.8

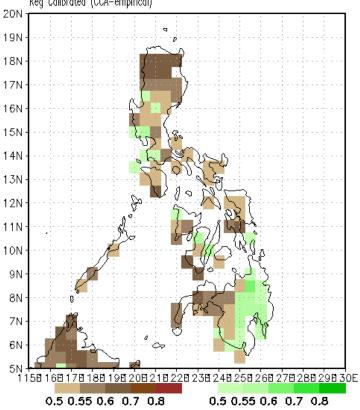
#### **PCA**



Probability of receiving below normal rainfall in most parts of the country except in eastern section of Mindanao.

#### **CCA**





Probability of receiving below normal rainfall in most parts of the country except in eastern section of Mindanao.



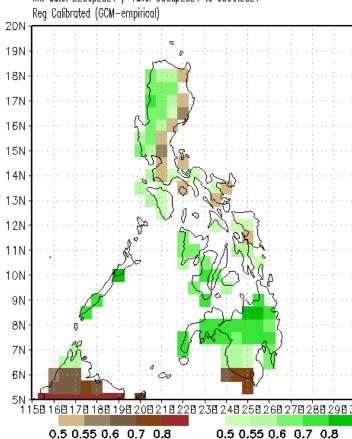


#### Idate: Sep 22, 2021

# Week 2 Forecast Sep 30-Oct 06, 2021

#### **GCM**

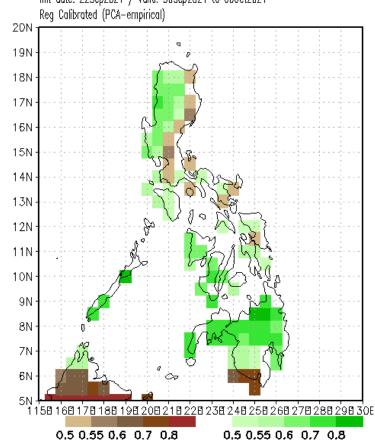
NCEP week2 Precip Prob. Fcst Init date: 22Sep2021 / Valid: 30Sep2021 to 060ct2021



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

### **PCA**

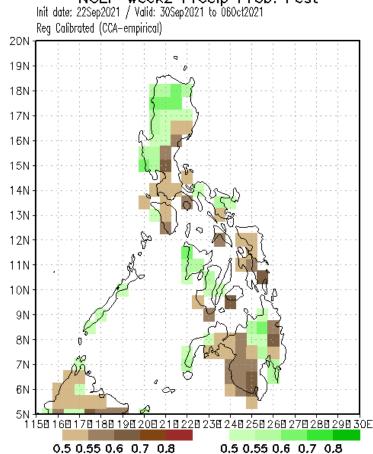
NCEP week2 Precip Prob. Fcst Init date: 22Sep2021 / Valid: 30Sep2021 to 06Oct2021



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

#### **CCA**

NCEP week2 Precip Prob. Fost

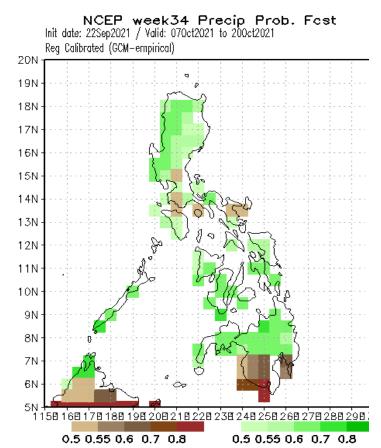


Probability of receiving below normal rainfall in Southern Luzon, Eastern Visayas and most parts of Mindanao while the rest of the country will likely receive above normal rainfall.



Idate: Sep 22, 2021 Week 3-4 Forecast Oct 07-20, 2021

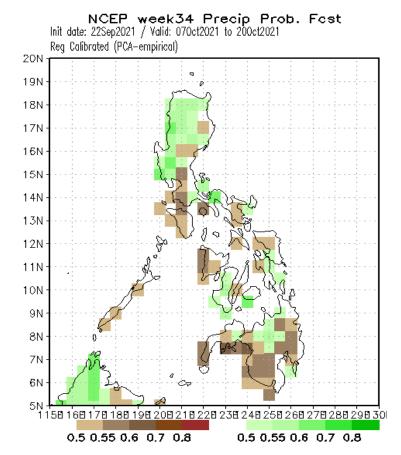
### **GCM**



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

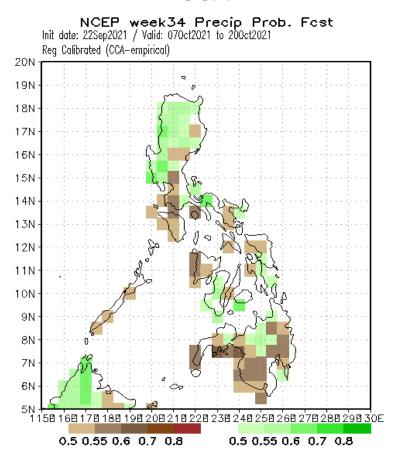


### PCA



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

## **CCA**

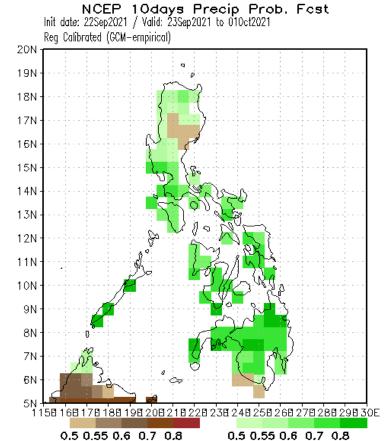


Probability of receiving above normal rainfall in most parts of Luzon while most parts of Visayas and Mindanao will likely receive below normal rainfall.

#### Idate: Sep 22, 2021

# 10 days Forecast Sep 23-Oct 01, 2021

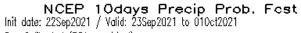
### **GCM**

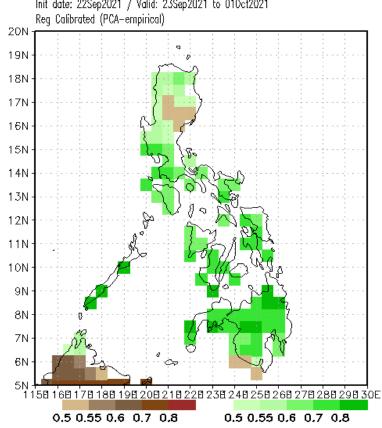


Probability of receiving above normal rainfall in most parts of the country.



#### **PCA**

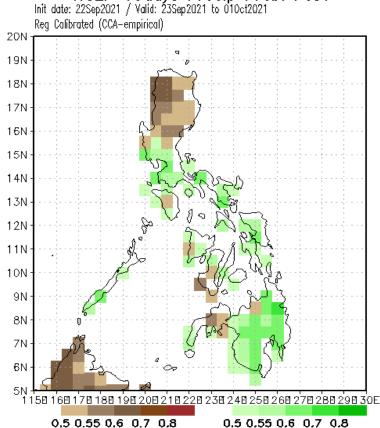




Probability of receiving above normal rainfall in most parts of the country.

#### CCA

#### NCEP 10days Precip Prob. Fost



Probability of receiving above normal rainfall in most parts of the country except in northern half of Luzon and some patches of below normal rainfall in western section of Visayas and Mindanao.

