

# 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 12, 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 15, 2021

Idate: Sep 12, 2021

Week 1 Forecast

Sep 13-19, 2021

### GCM

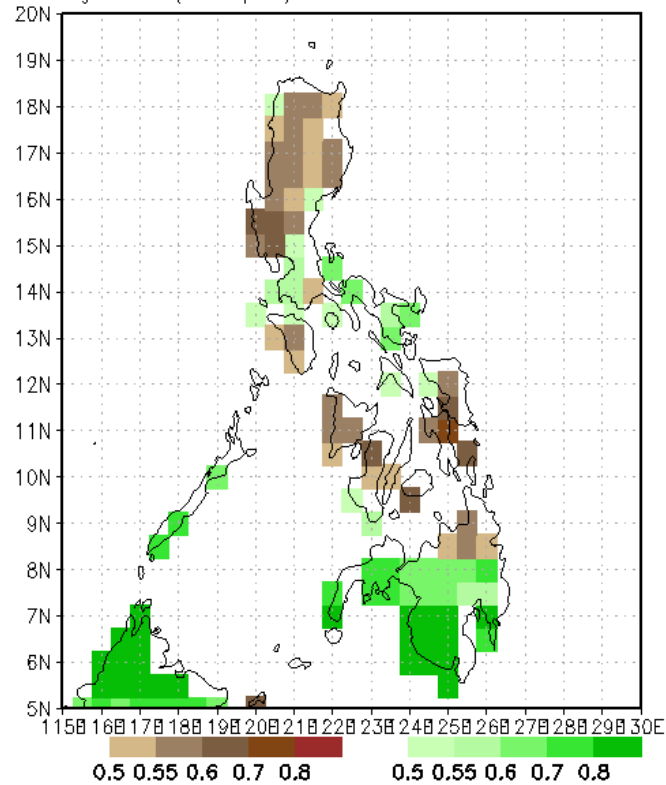
### PCA

### CCA

NCEP week1 Precip Prob. Fcst

Init date: 12Sep2021 / Valid: 13Sep2021 to 19Sep2021

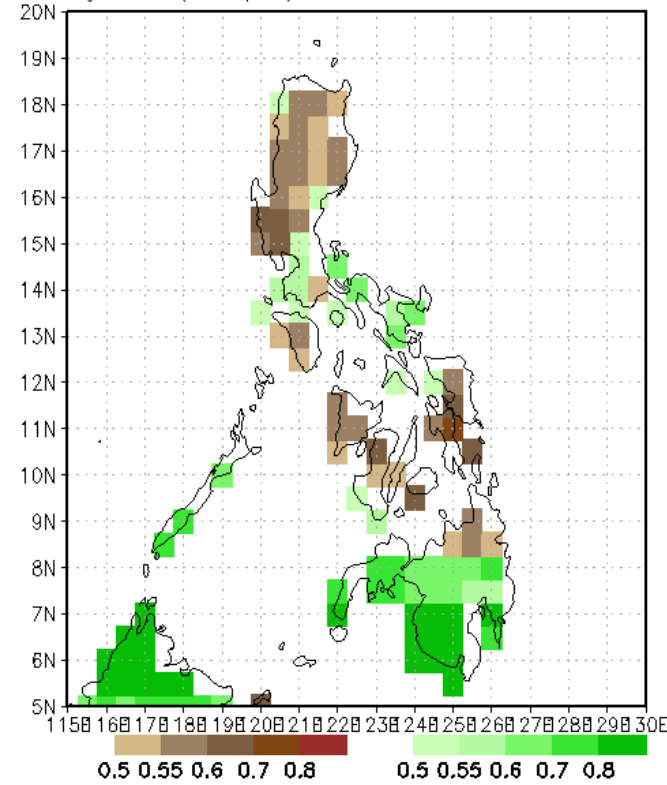
Reg Calibrated (GCM-empirical)



NCEP week1 Precip Prob. Fcst

Init date: 12Sep2021 / Valid: 13Sep2021 to 19Sep2021

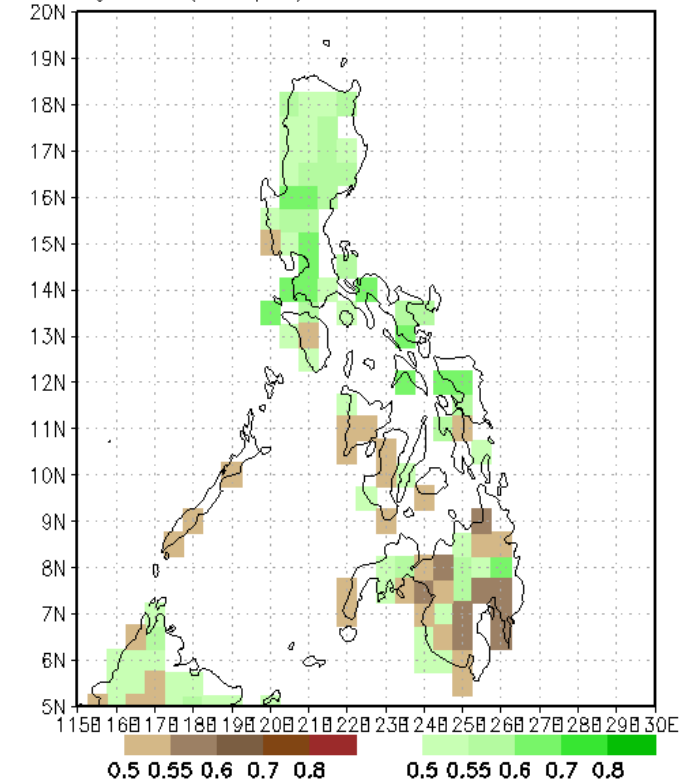
Reg Calibrated (PCA-empirical)



NCEP week1 Precip Prob. Fcst

Init date: 12Sep2021 / Valid: 13Sep2021 to 19Sep2021

Reg Calibrated (CCA-empirical)

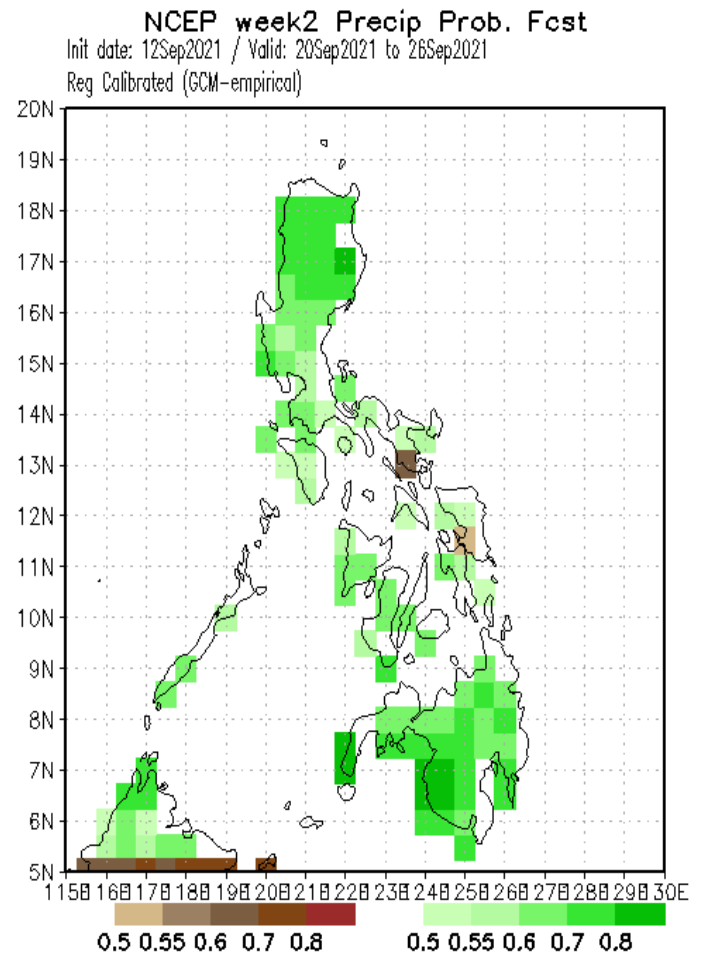


Probability of receiving above normal rainfall in most parts of Southern Luzon and Mindanao while the rest of Luzon and most parts of Visayas will likely receive below normal rainfall.

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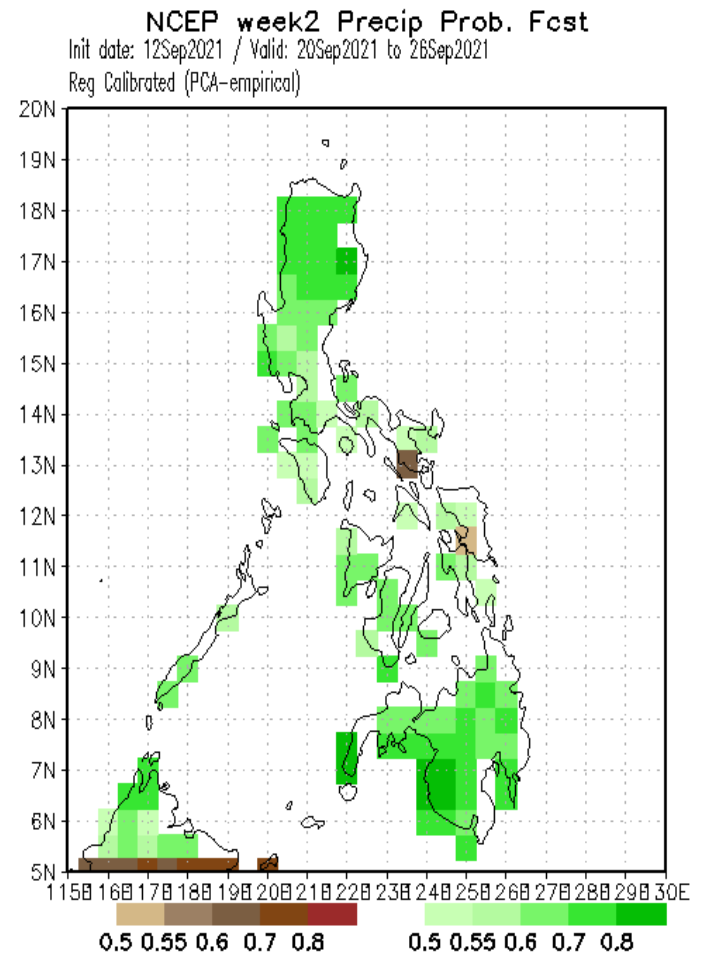
Probability of receiving above normal rainfall in most parts of Luzon and in Eastern & Central Visayas while Western Visayas and most parts of Mindanao will likely receive below normal rainfall.

**GCM**



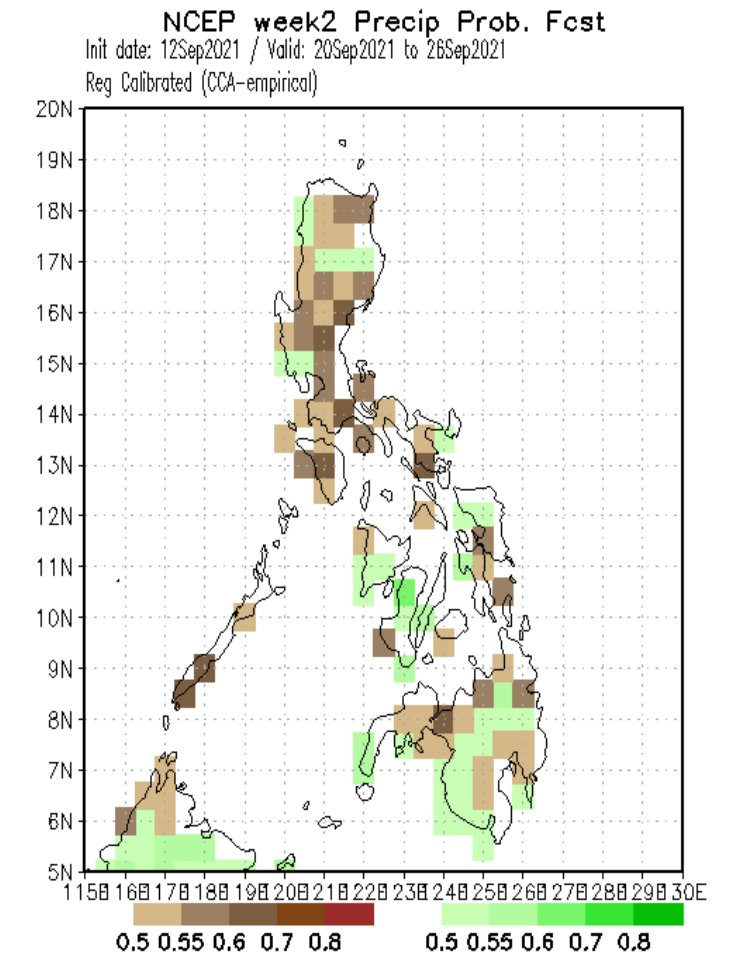
Probability of receiving above normal rainfall in most parts of the country is expected.

**PCA**



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

**CCA**



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

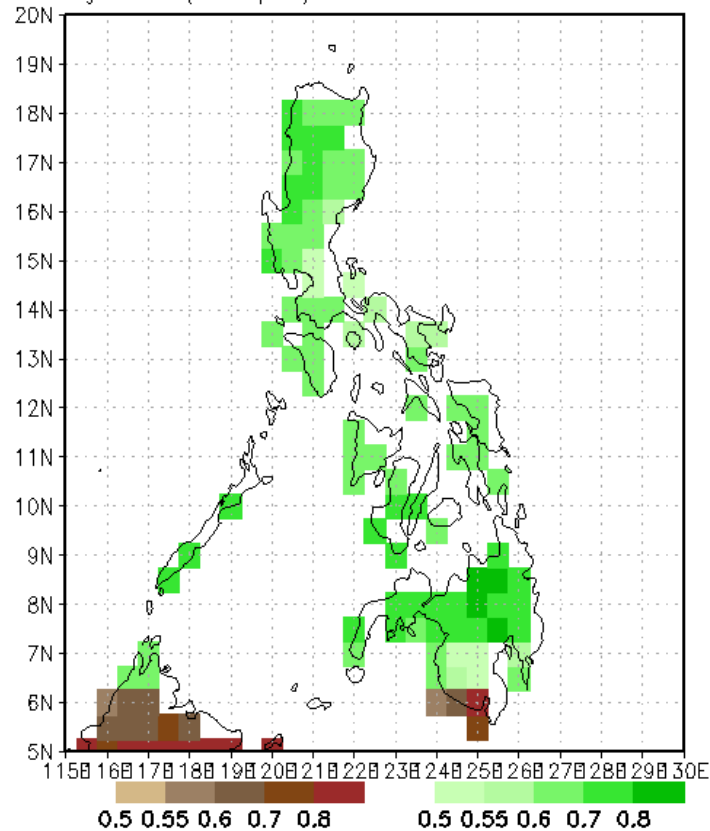
**Idate: Sep 12, 2021**

**Week 3-4 Forecast**

**Sep 27- Oct 10, 2021**

## GCM

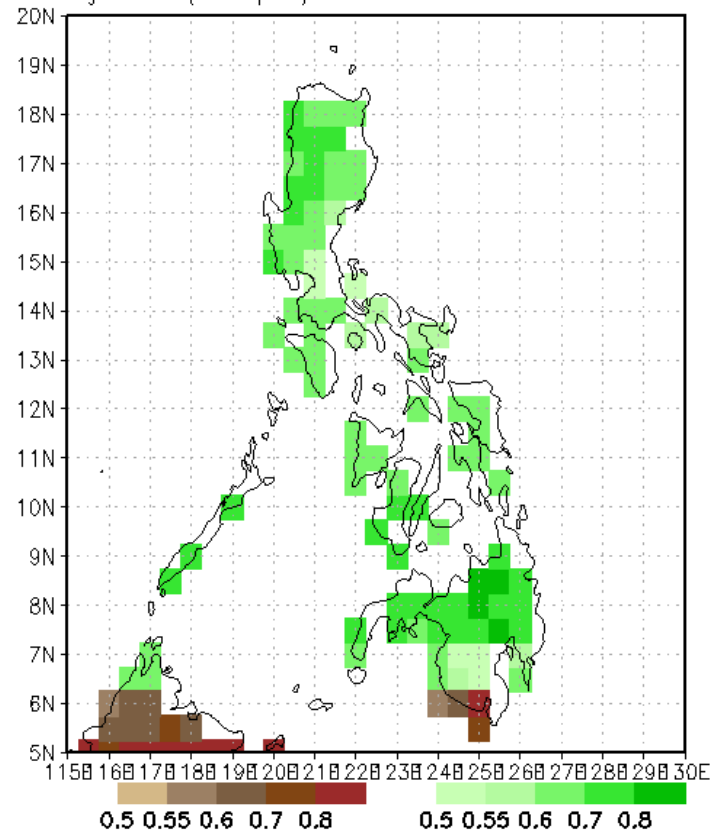
NCEP week34 Precip Prob. Fcst  
Init date: 12Sep2021 / Valid: 27Sep2021 to 10Oct2021  
Reg Calibrated (GCM-empirical)



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

## PCA

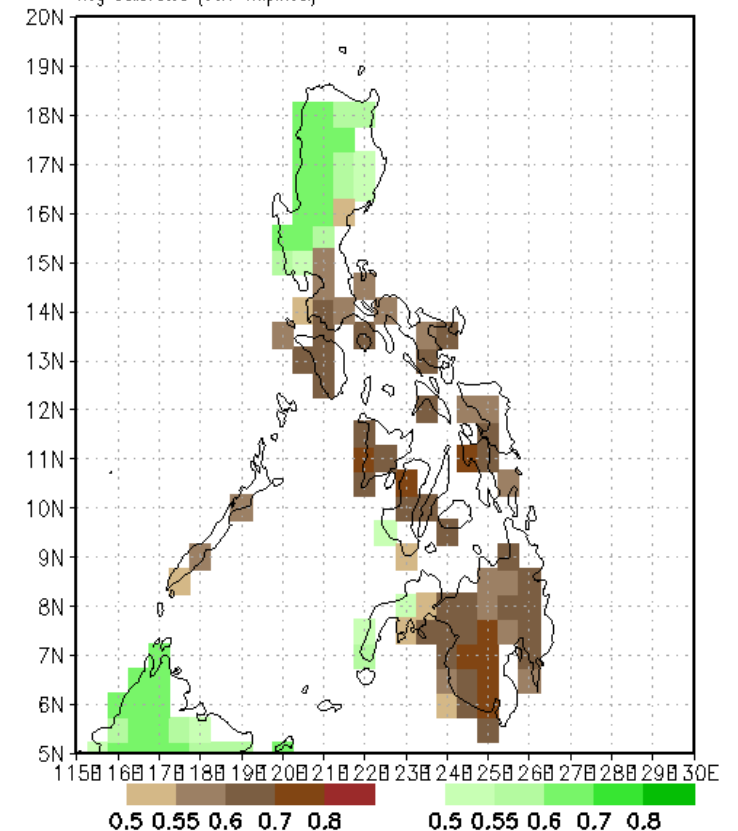
NCEP week34 Precip Prob. Fcst  
Init date: 12Sep2021 / Valid: 27Sep2021 to 10Oct2021  
Reg Calibrated (PCA-empirical)



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

## CCA

NCEP week34 Precip Prob. Fcst  
Init date: 12Sep2021 / Valid: 27Sep2021 to 10Oct2021  
Reg Calibrated (CCA-empirical)



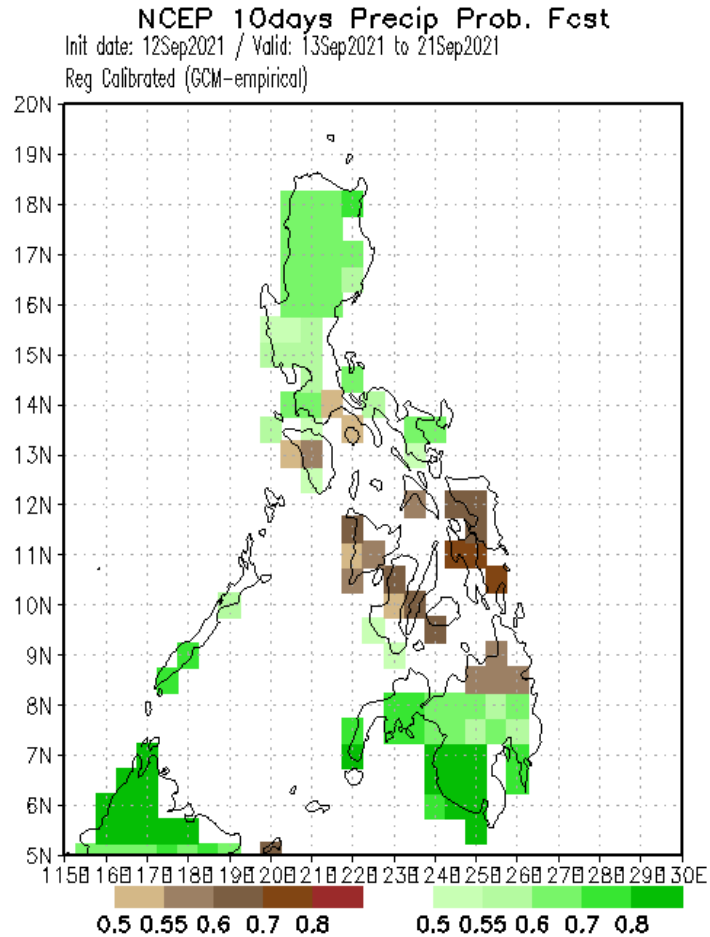
Probability of receiving below normal rainfall in most parts of Southern Luzon, Visayas and Mindanao while the rest of Luzon will likely receive above normal rainfall.

**Idate: Sep 12, 2021**

**10 days Forecast**

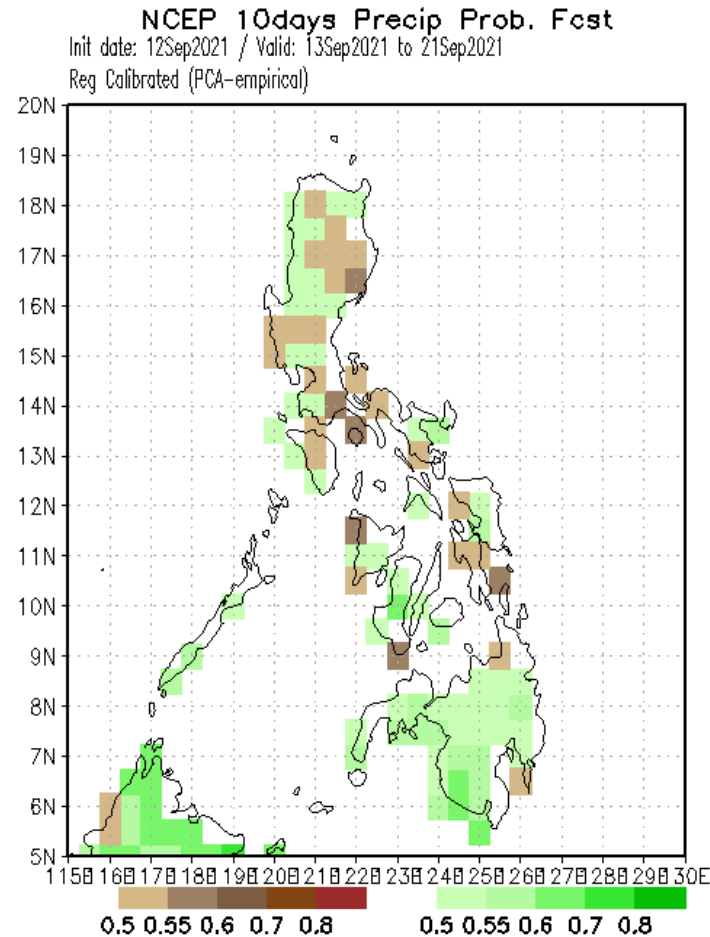
**Sep 13-21, 2021**

### GCM



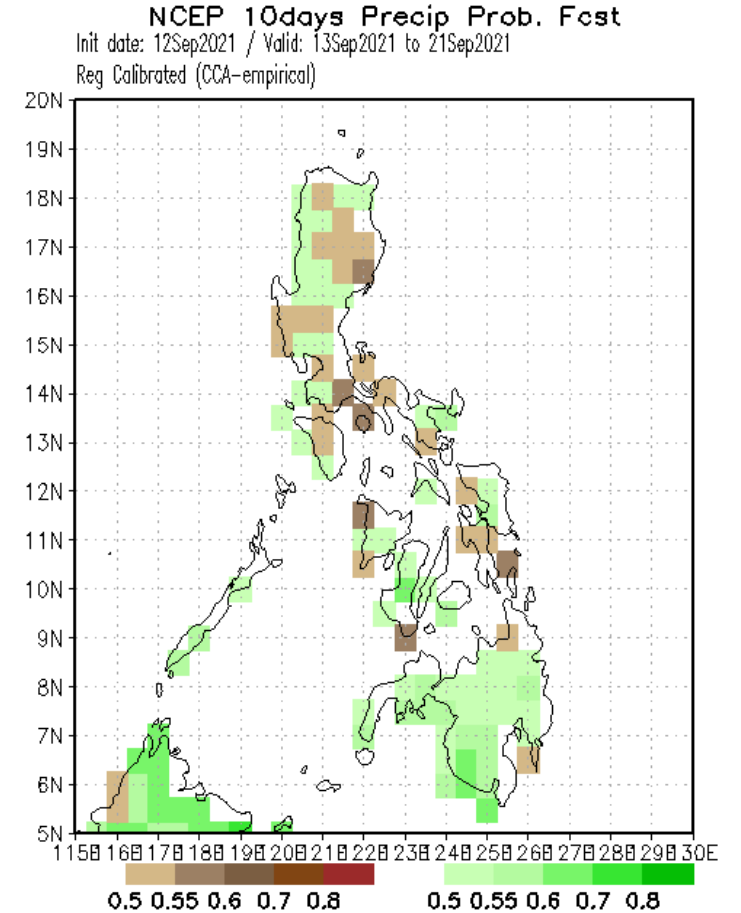
Probability of receiving above normal rainfall in most parts of Luzon and Mindanao while Visayas will likely receive below normal rainfall.

### PCA



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

### CCA



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