# **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 05, 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.

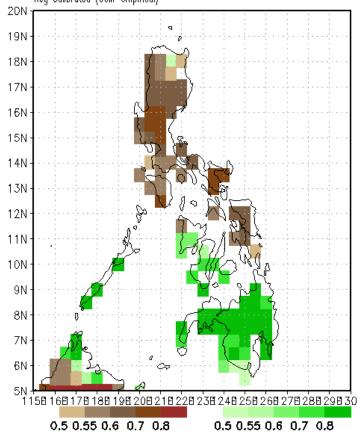




Rundate: Sep 09, 2021 Idate: Sep 05, 2021

Week 1 Forecast Sep 06-12, 2021

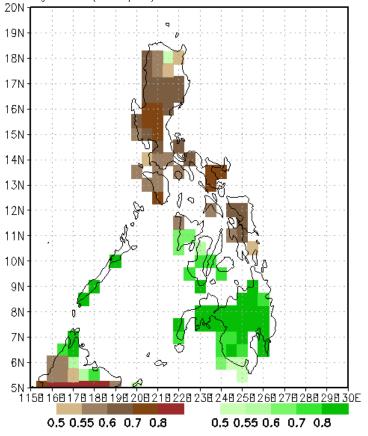




Probability of receiving below normal rainfall in most parts of Luzon and Eastern Visayas is expected while the rest of Visayas & Mindanao will likely receive above normal rainfall.

PCA

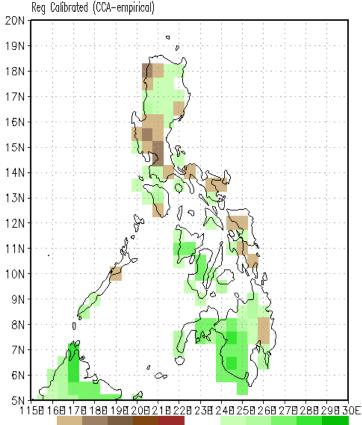
NCEP week1 Precip Prob. Fcst
Init date: 05Sep2021 / Valid: 06Sep2021 to 12Sep2021
Reg Calibrated (PCA-empirical)



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

CCA





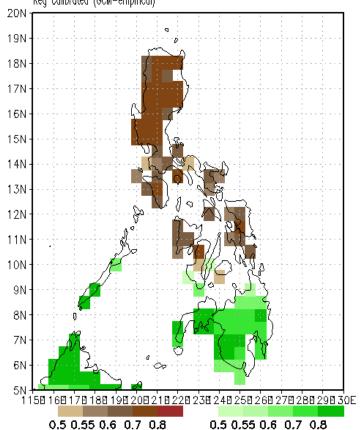
Probability of receiving above normal rainfall in most parts of the country is expected except with some patches of below normal rainfall in southeastern Luzon, Bicol Region and Eastern Visayas.

#### Idate: Sep 05, 2021

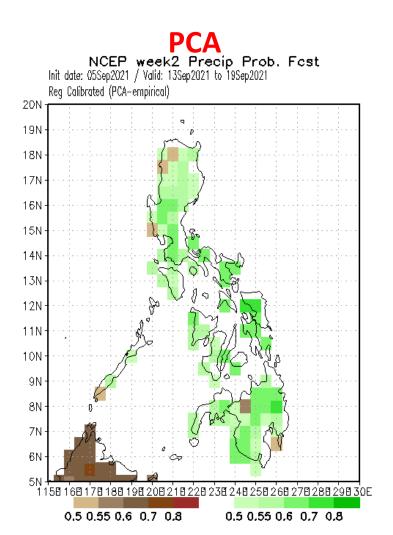
## Week 2 Forecast Sep 13-19, 2021

#### **GCM**

NCEP week2 Precip Prob. Fcst Init date: 05Sep2021 / Valid: 13Sep2021 to 19Sep2021 Reg Calibrated (GCM-empirical)



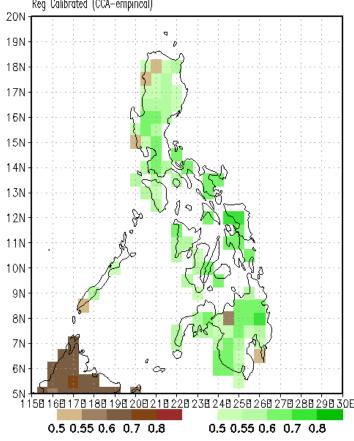
Probability of receiving below normal rainfall in most parts of Luzon and Visayas is expected while Mindanao will likely receive above normal rainfall.



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



Init date: 05Sep2021 / Valid: 13Sep2021 to 19Sep2021 Reg Calibrated (CCA-empirical)



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



Idate: Sep 05, 2021 Week 3-4 Forecast Sep 20- Oct 03, 2021

#### GCM

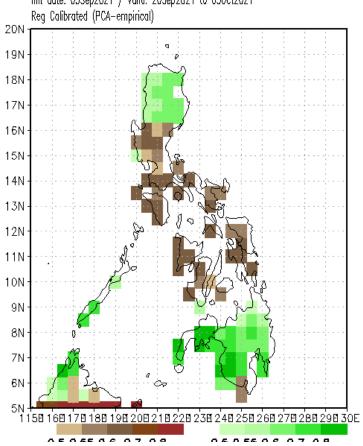
NCEP week34 Precip Prob. Fcst Init date: 05Sep2021 / Valid: 20Sep2021 to 03Oct2021 Rea Calibrated (GCM-empirical) 19N 18N 17N 14N 12N 11N 10N 9N 7N | 1158 168 178 188 198 208 218 228 238 248 258 268 278 288 298 30|

Probability of above normal rainfall in northern half of Luzon and Visayas is expected while the rest of Luzon and Mindanao will likely receive above normal rainfall.

0.5 0.55 0.6 0.7 0.8

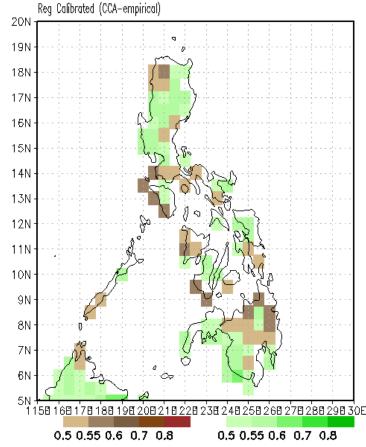
0.5 0.55 0.6 0.7 0.8

NCEP week34 Precip Prob. Fcst
Init date: 05Sep2021 / Valid: 20Sep2021 to 030ct2021



Probability of above normal rainfall in northern half of Luzon and Visayas is expected while the rest of Luzon and Mindanao will likely receive above normal rainfall.

NCEP week34 Precip Prob. Fost Init date: 05Sep2021 / Valid: 20Sep2021 to 030ct2021



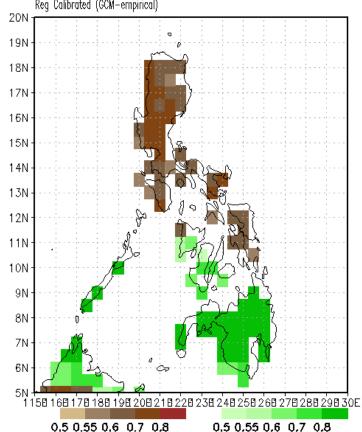
Probability of receiving above normal rainfall in most parts of the country is expected except with some patches of below normal rainfall in southern Luzon, in Visayas and northern Mindanao.

#### Idate: Sep 05, 2021

## 10 days Forecast Sep 06-14, 2021

#### **GCM**

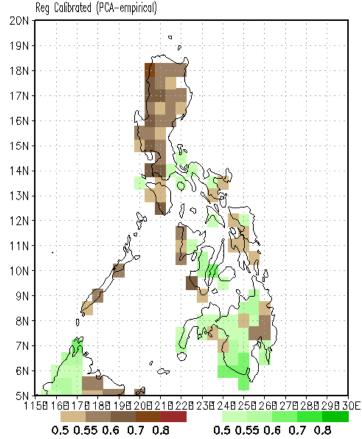
NCEP 10days Precip Prob. Fast Init date: 05Sep2021 / Valid: 06Sep2021 to 14Sep2021 Reg Calibrated (GCM-empirical)



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

**PCA** 

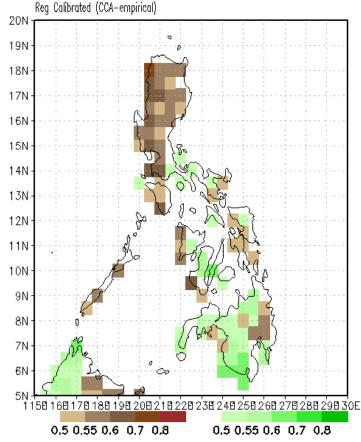
NCEP 10days Precip Prob. Fost Init date: 05Sep2021 / Valid: 06Sep2021 to 14Sep2021



Probability of receiving below normal rainfall in most parts of Luzon (except in Bicol Region) while most parts of Visayas & Mindanao will likely receive above normal rainfall (except with some patches of below normal rainfall).

CCA

NCEP 10days Precip Prob. Fcst Init date: 05Sep2021 / Valid: 06Sep2021 to 14Sep2021



Probability of receiving below normal rainfall in most parts of Luzon (except in Bicol Region) while most parts of Visayas & Mindanao will likely receive above normal rainfall (except with some patches of below normal rainfall).