# 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 06, 2020

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 06, 2020

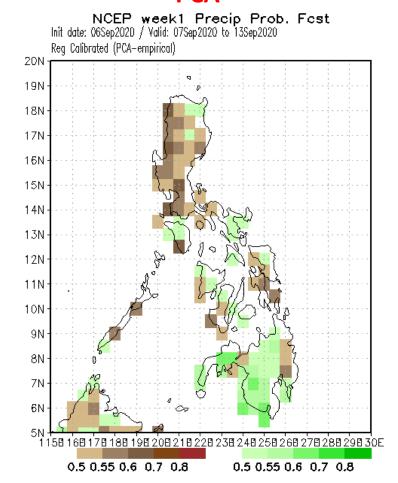
Idate: Sep 06, 2020

# Week 1 Forecast Sep 07-13, 2020 GCM

NCEP week1 Precip Prob. Fcst Init date: 06Sep2020 / Valid: 07Sep2020 to 13Sep2020 Reg Calibrated (GCM-empirical) 20N 19N 18N 17N 16N 15N 14N 13N 12N 11N 10N · 9N -8N · 7N · 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 0.5 0.55 0.6 0.7 0.8

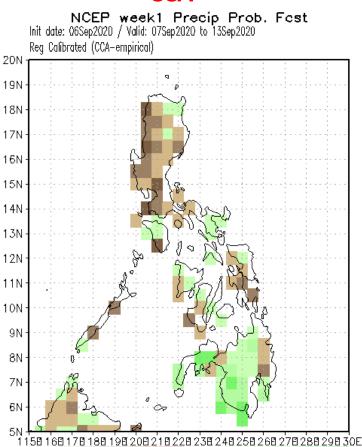
Probability of receiving above normal rainfall in most parts of Visayas and Mindanao while most parts of Luzon will likely receive below normal rainfall.

### **PCA**



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

### **CCA**



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

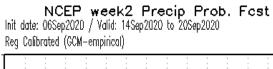
0.5 0.55 0.6 0.7 0.8

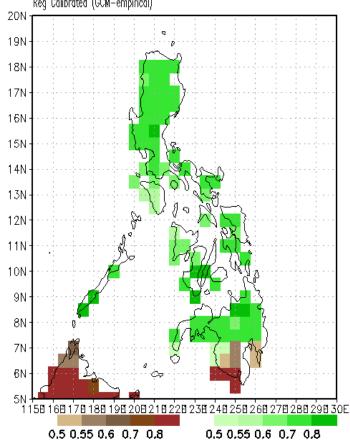
0.5 0.55 0.6 0.7 0.8

Idate: Sep 06, 2020

Week 2 Forecast

Sep 14-20, 2020 **GCM** 

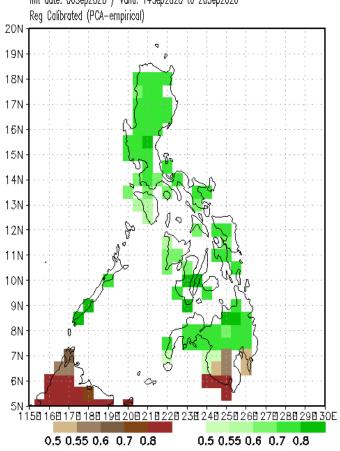




Probability of receiving above normal rainfall in most parts of the country is expected except in southern parts of Mindanao where below normal rainfall is more likely.

# **PCA**

### NCEP week2 Precip Prob. Fcst Init date: 06Sep2020 / Valid: 14Sep2020 to 20Sep2020

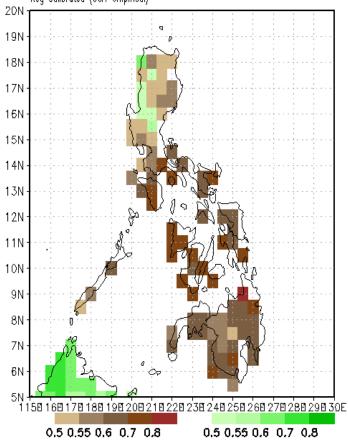


Probability of receiving above normal rainfall in most parts of the country is expected except in southern parts of Mindanao where below normal rainfall is more likely.

# CCA

### NCEP week2 Precip Prob. Fost

Init date: 06Sep202D / Valid: 14Sep2020 to 20Sep2020 Reg Calibrated (CCA-empirical)



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

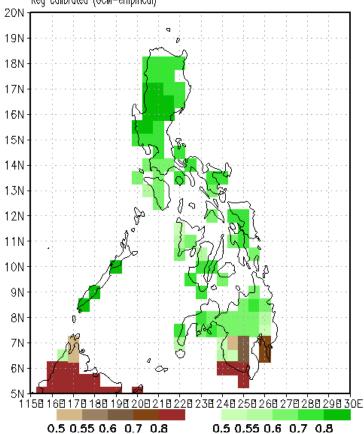


Idate: Sep 06, 2020

# Week 3-4 Forecast Sept 21-Oct 04, 2020

# **GCM**

NCEP week34 Precip Prob. Fast Init date: 06Sep2020 / Valid: 21Sep2020 to 04Oct2020 Reg Calibrated (GCM-empirical)

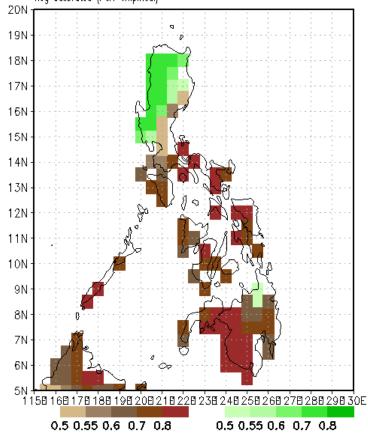


Probability of receiving above normal rainfall in most parts of the country is expected except in southern parts of Mindanao where below normal rainfall is more likely.

# **PCA**

NCEP week34 Precip Prob. Fost

Init date: 06Sep2020 / Valid: 21Sep2020 to 04Oct2020 Reg Calibrated (PCA-empirical)

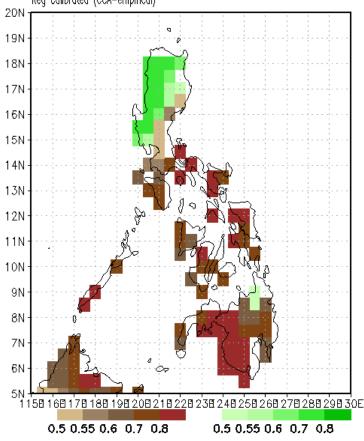


Probability of receiving below normal rainfall in most parts of Visayas and Mindanao while Luzon will likely receive above normal rainfall.

# **CCA**

NCEP week34 Precip Prob. Fost

Init date: 06Sep2020 / Valid: 21Sep2020 to 04Oct2020 Reg Calibrated (CCA-empirical)

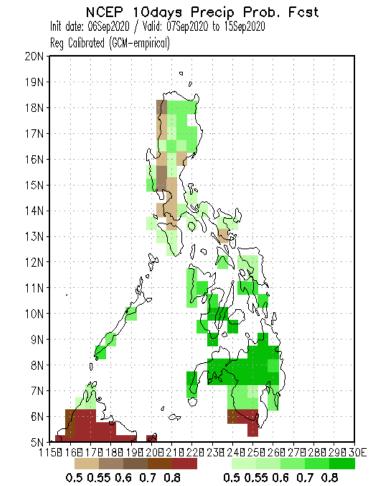


Probability of receiving below normal rainfall in most parts of Visayas and Mindanao while Luzon will likely receive above normal rainfall.

# Idate: Sep 06, 2020

# 10 days Forecast Sep 07-15, 2020

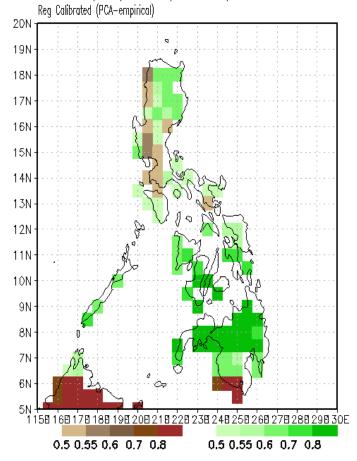
**GCM** 



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

# **PCA**

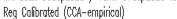
NCEP 10days Precip Prob. Fast Init date: 06Sep2020 / Valid: 07Sep2020 to 15Sep2020

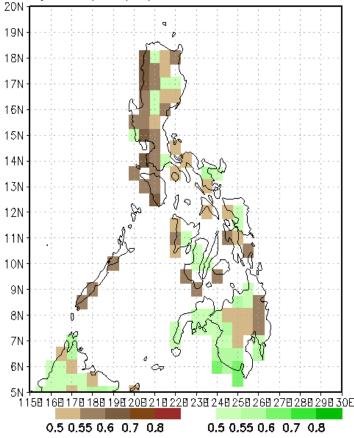


Probability of receiving above normal rainfall in most parts of the country is expected.

# CCA

NCEP 10days Precip Prob. Fcst Init date: 06Sep2020 / Valid: 07Sep2020 to 15Sep2020





Probability of receiving below normal rainfall in most parts of the country is expected except in western Mindanao where above normal rainfall is more likely.

