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

### **NOAA's CPC International Desks**

CPT is using NCEP CFSv2 (Climate Forecast Systems V.2) forecasts. Initial condition: July 26 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.



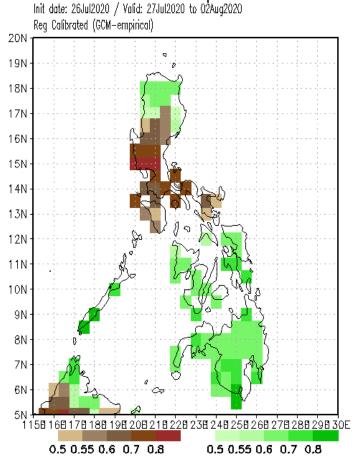


**Rundate: July 29, 2020** 

Idate: July 26, 2020

Week 1 Forecast

July 27-Aug 02, 2020 GCM
NCEP week1 Precip Prob. Fost

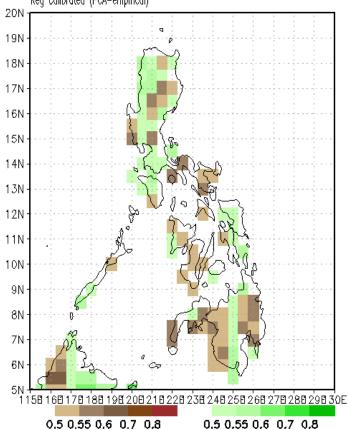


Probability of receiving above normal rainfall in northern and eastern Luzon and in most parts of Visayas and Mindanao is expected while the rest of Luzon will likely receive below normal rainfall.

PCA
NCEP week1 Precip Prob. Fcst

Init date: 26Jul2020 / Valid: 27Jul2020 to 02Aug2020

Rea Calibrated (PCA-empirical)

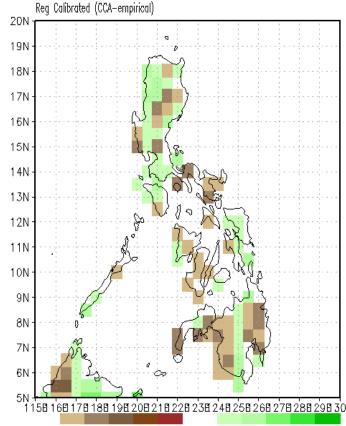


Probability of receiving below normal rainfall in eastern Luzon, most parts of Visayas(except Samar provinces) and Mindanao is expected while the rest of the country will likely receive above normal rainfall.

#### **CCA**

NCEP week1 Precip Prob. Fcst

Init date: 26Jul2020 / Valid: 27Jul2020 to 02Aug2020



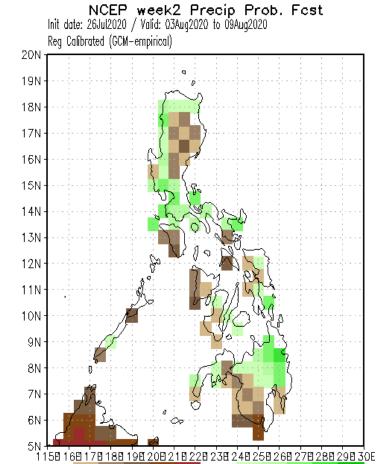
Probability of receiving below normal rainfall in eastern Luzon, most parts of Visayas(except Samar provinces) and Mindanao is expected while the rest of the country will likely receive above normal rainfall.



#### Idate: July 26, 2020

#### **Week 2 Forecast**

Aug 3-9, 2020 **GCM** 



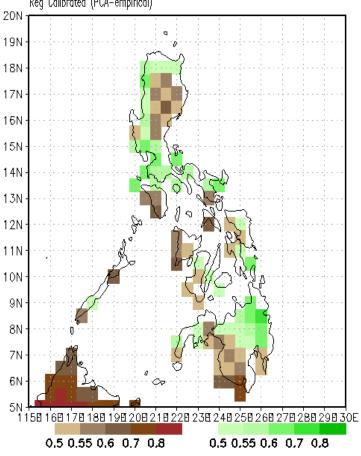
Probability of receiving below normal rainfall in most parts of central and eastern Luzon and in western parts of Visayas and Mindanao is expected while the rest of the country will likely receive above normal rainfall

0.5 0.55 0.6 0.7 0.8

0.5 0.55 0.6 0.7 0.8

#### **PCA**

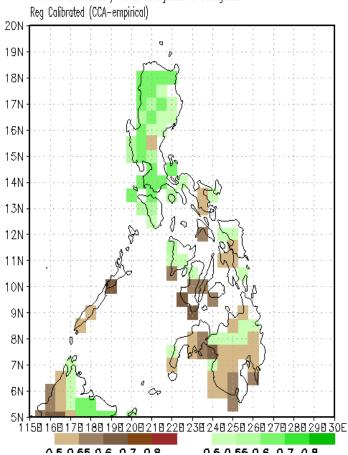
NCEP week2 Precip Prob. Fcst Init date: 26Jul2020 / Valid: 03Aug2020 to 09Aug2020 Reg Calibrated (PCA-empirical)



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

#### **CCA**

NCEP week2 Precip Prob. Fcst Init date: 26Jul2020 / Valid: 03Auq2020 to 09Auq2020



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



#### Idate: July 26, 2020

## Week 3-4 Forecast Aug 10-23, 2020 GCM

NCEP week34 Precip Prob. Fcst Init date: 26Jul2020 / Valid: 10Aug2020 to 23Aug2020 Reg Calibrated (GCM-empirical) 19N 18N 17N 16N 15N 14N 13N 12N 11N 10N 9N 8N 7N 78 188 198 208 218 228 238 248 258 268 278 288 298 30E

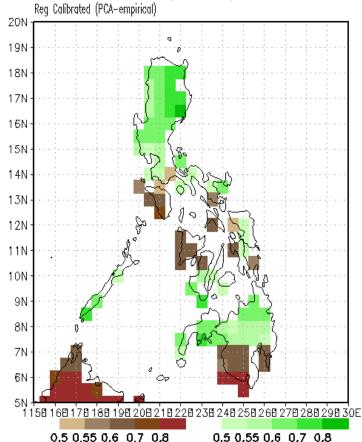
Probability of receiving above normal rainfall in most parts of Luzon, eastern Visayas and northern half of Mindanao is expected while the rest of the country will likely receive below normal rainfall.

05055060708

05055060708

#### **PCA**

#### NCEP week34 Precip Prob. Fost Init date: 26Jul2020 / Valid: 10Aug2020 to 23Aug2020

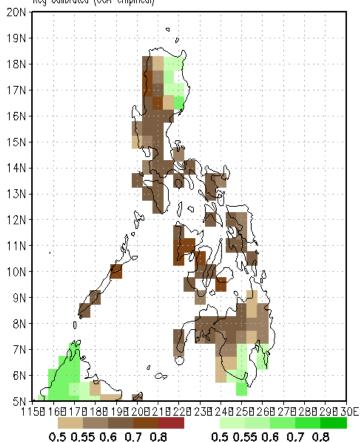


Probability of receiving above normal rainfall in most parts of Luzon, eastern Visayas and northern half of Mindanao is expected while the rest of the country will likely receive below normal rainfall.

#### CCA

#### NCEP week34 Precip Prob. Fost

Init date: 26Jul2020 / Valid: 10Aug2020 to 23Aug2020 Reg Calibrated (CCA-empirical)



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

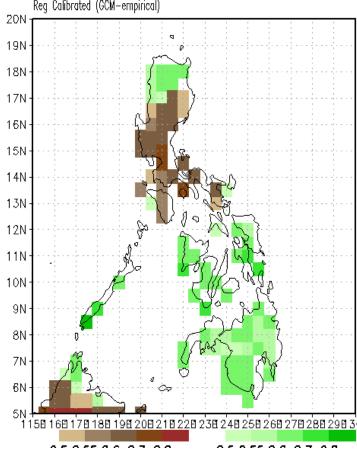


#### Idate: July 26, 2020

#### **10 days Forecast**

July 27-Aug 4, 2020 **GCM** 

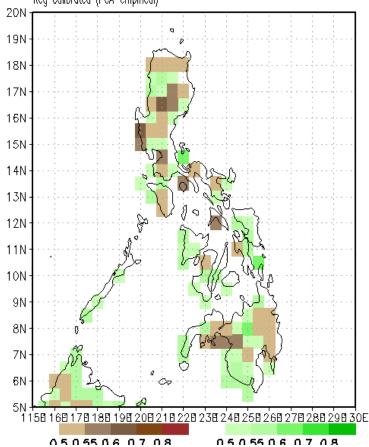
NCEP 10days Precip Prob. Fest Init date: 26Jul2020 / Valid: 27Jul2020 to 04Aug2020 Reg Calibrated (GCM-empirical)



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

#### **PCA**

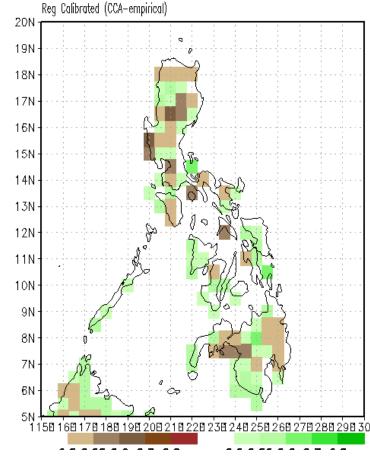
NCEP 10days Precip Prob. Fest Init date: 26Jul2020 / Vulid: 27Jul2020 to 04Aug2020 Reg Calibrated (PCA-empirical)



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

#### CCA

NCEP 10days Precip Prob. Fcst Init date: 26Jul2020 / Valid: 27Jul2020 to 04Aug2020



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

