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

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

CPT is using NCEP CFSv2 (Climate Forecast Systems V.2) forecasts. Initial condition: June 23, 2021

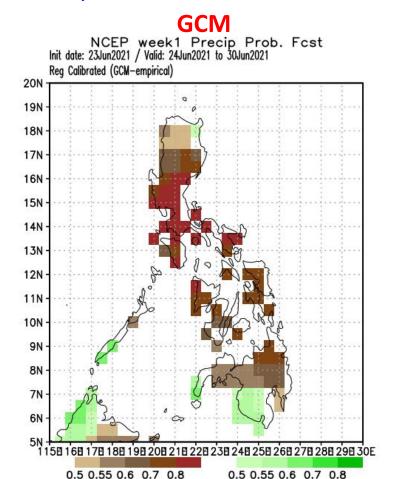
The legend is interpreted as probability of below average rainfall for the brown shaded color and probability of above-average rainfall for green shaded color.





Rundate: June 27, 2021 Idate: June 23, 2021

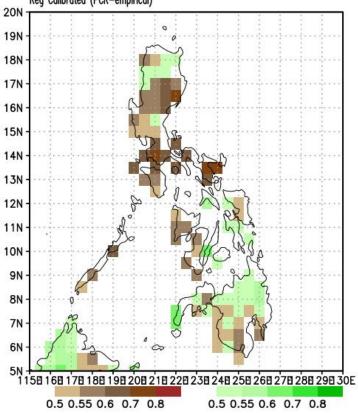
Week 1 Forecast Jun 24-30, 2021



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

#### **PCA**

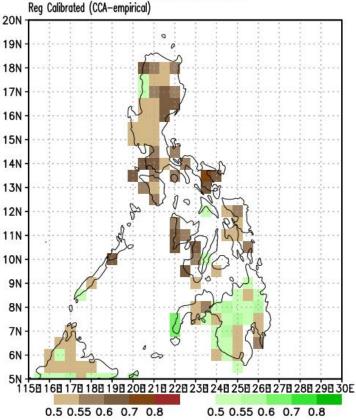
NCEP week1 Precip Prob. Fcst Init date: 23Jun2021 / Valid: 24Jun2021 to 30Jun2021 Reg Calibrated (PCR-empirical)



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

#### CCA

NCEP week1 Precip Prob. Fcst Init date: 23Jun2021 / Valid: 24Jun2021 to 30Jun2021



Probability of receiving below normal rainfall in most parts of Central & Southern Luzon and Eastern & Western Visayas while the rest ASA of the country will likely receive above normal rainfall.



#### **Idate: June 23, 2021**

## Week 2 Forecast Jul 01-07, 2021

#### **GCM**

NCEP week2 Precip Prob. Fcst Init date: 23Jun2021 / Valid: 01Jul2021 to 07Jul2021 Rea Calibrated (GCM-empirical) 19N 18N 17N 16N 15N 14N 13N 12N 11N 10N 9N

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

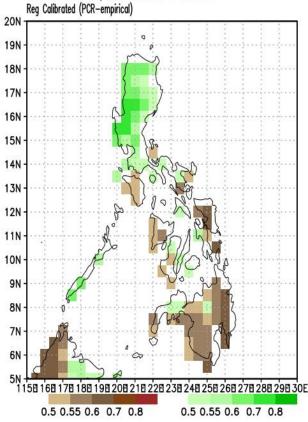
0.5 0.55 0.6 0.7 0.8

1158 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

#### PCA

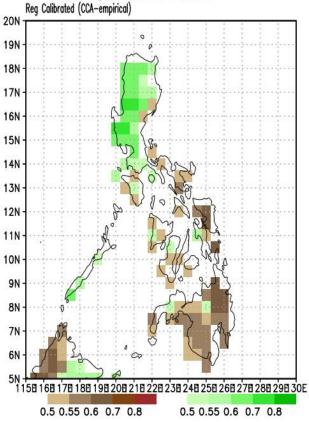
NCEP week2 Precip Prob. Fcst Init date: 23Jun2021 / Valid: 01Jul2021 to 07Jul2021



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

#### **CCA**

NCEP week2 Precip Prob. Fcst Init date: 23Jun2021 / Valid: 01Jul2021 to 07Jul2021

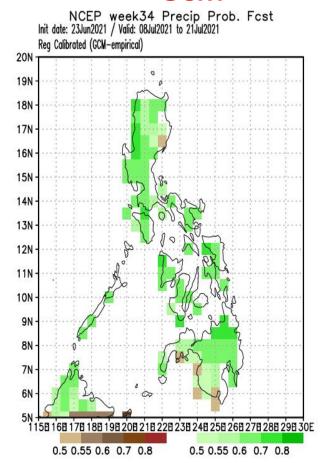


Probability of receiving above normal rainfall in most parts of Luzon is expected while Visayas and Mindanao will likely receive below normal rainfall.



#### Idate: June 23, 2021 Week 3-4 Forecast Jul 08-21, 2021

#### **GCM**

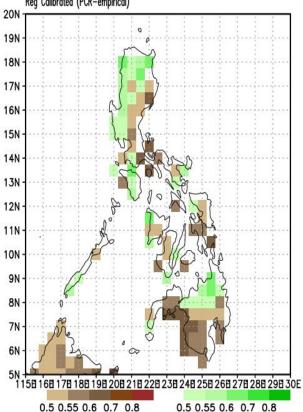


Probability of receiving above normal rainfall in most parts of the country is expected.



PC/

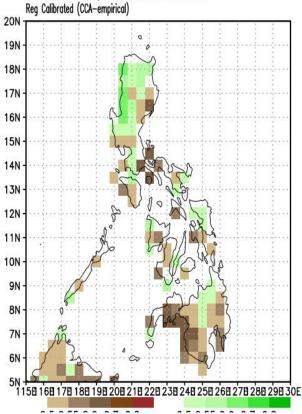
NCEP week34 Precip Prob. Fcst Init date: 23Jun2021 / Valid: 08Jul2021 to 21Jul2021 Reg Calibrated (PCR-empirical)



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

CCA

NCEP week34 Precip Prob. Fcst Init date: 23Jun2021 / Valid: 08Jul2021 to 21Jul2021



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

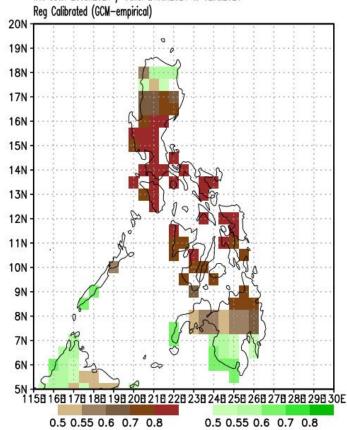


#### **Idate: June 23, 2021**

#### 10 days Forecast Jun 24-Jul 02, 2021

#### **GCM**

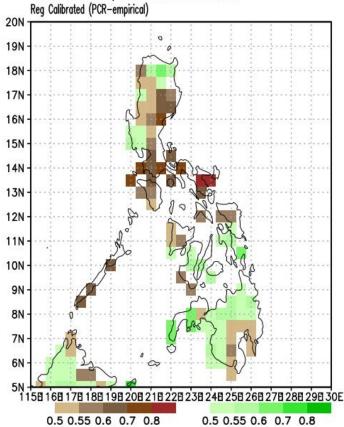
NCEP 10days Precip Prob. Fcst Init date: 23Jun2021 / Valid: 24Jun2021 to 02Jul2021 Rea Calibrated (GCM-empirical)



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

#### **PCA**

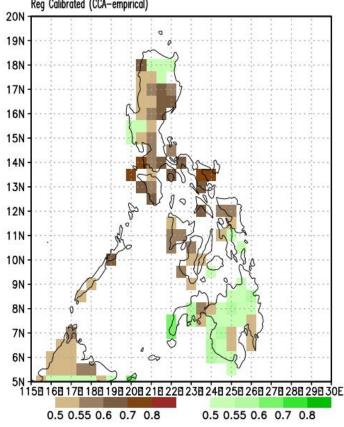
NCEP 10days Precip Prob. Fcst Init date: 23Jun2021 / Valid: 24Jun2021 to 02Jul2021 Rea Calibrated (PCR-empirical)



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

#### CCA

NCEP 10days Precip Prob. Fcst Init date: 23Jun2021 / Valid: 24Jun2021 to 02Jul2021 Reg Calibrated (CCA-empirical)



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

