# **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 17, 2022

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.

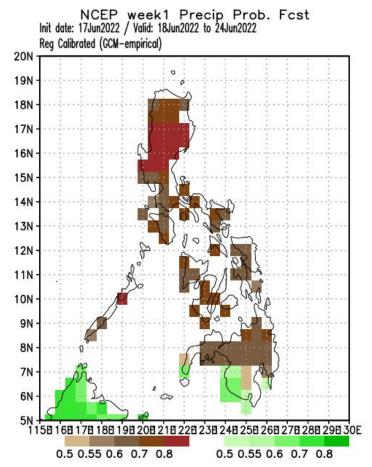




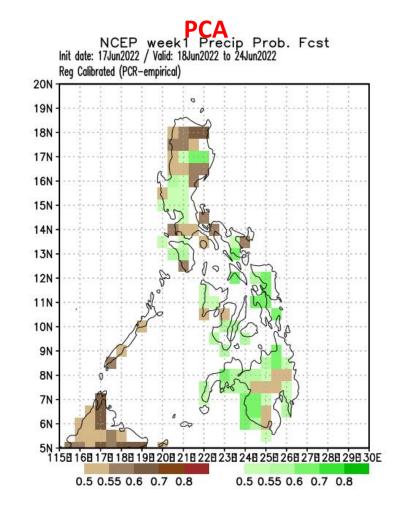
Rundate: 22 June 2022

Idate: 17 Jun 2022 Jun 18-24, 2022

### **GCM**

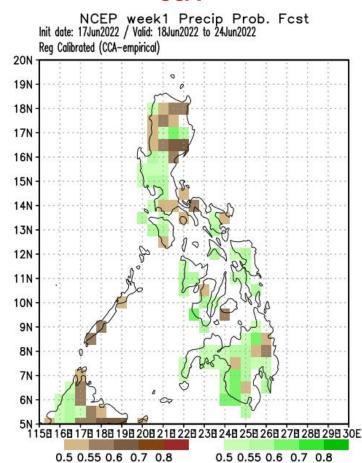


Probability of receiving below normal rainfall in most parts the country except in southwestern Mindanao.



Probability of receiving above normal rainfall in most parts of the country except with patches of below normal rainfall in northern & southern Luzon and central Mindanao.

### **CCA**

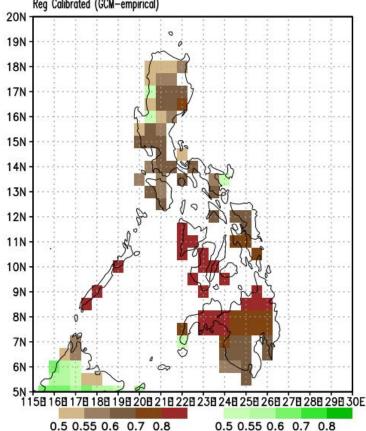


Probability of receiving above normal rainfall in most parts of the country except with patches of below normal rainfall in northern & southern Luzon and central Mindanao.

Idate: 17 Jun 2022 Week 2 Forecast Jun 25-Jul 01, 2022

### GCM

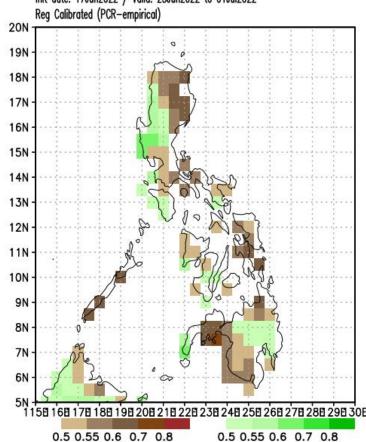
NCEP week2 Precip Prob. Fcst Init date: 17Jun2022 / Valid: 25Jun2022 to 01Jul2022 Reg Calibrated (GCM-empirical)



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

### PCA

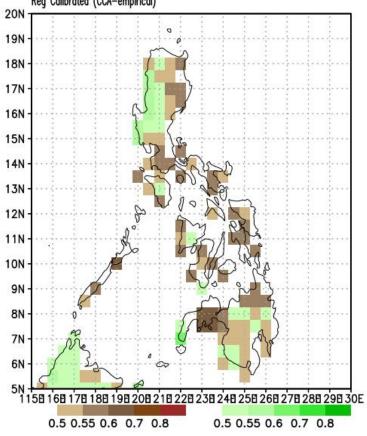
NCEP week2 Precip Prob. Fcst Init date: 17Jun2022 / Valid: 25Jun2022 to 01Jul2022 Rea Calibrated (PCR-empirical)



Probability of receiving below normal rainfall in most parts of the country except in some areas in western Luzon, Mindoro and eastern Mindanao.

### CCA

NCEP week2 Precip Prob. Fcst Init date: 17Jun2022 / Valid: 25Jun2022 to 01Jul2022 Reg Calibrated (CCA-empirical)



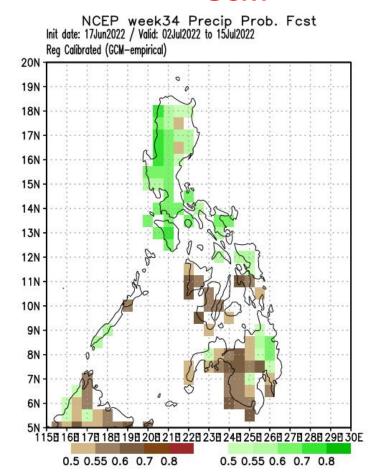
Probability of receiving below normal rainfall in most parts of the country except in some areas in western Luzon, Mindoro and Mindanao.





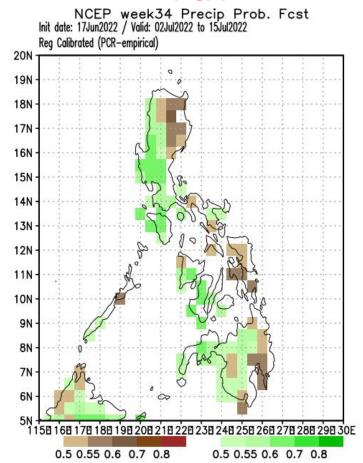
Idate: 17 Jun 2022 Week 3-4 Forecast Jul 02-15, 2022

## **GCM**

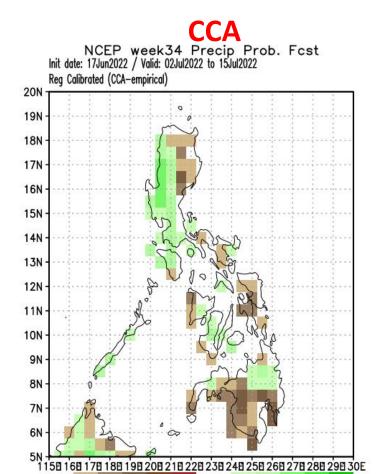


Probability of receiving above normal rainfall in most parts of Luzon, Samar provinces, and eastern Mindanao while Visayas and Mindanao will likely receive below normal rainfall.

# **PCA**



Probability of receiving below normal rainfall in the eastern parts of the country while the rest of the country will likely receive above normal rainfall.



Probability of receiving below normal rainfall in the eastern parts of Luzon and Visayas and most parts of Mindanao (except northeastern part) 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

Idate: 17 Jun 2022 10 days Forecast Jun 18-26, 2022

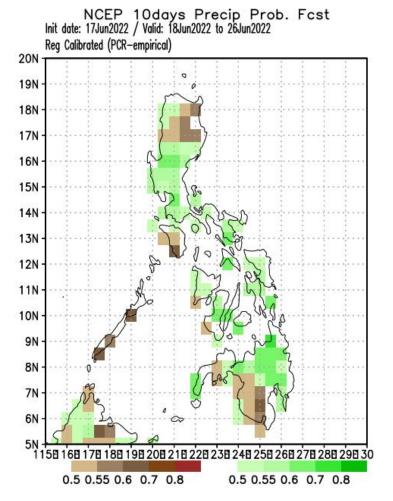
### GCM

NCEP 10days Precip Prob. Fcst Init date: 17Jun2022 / Valid: 18Jun2022 to 26Jun2022 Reg Calibrated (GCM-empirical) 19N 18N 17N 16N 15N 14N 13N 12N 11N 10N 9N 8N 7N 6N

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

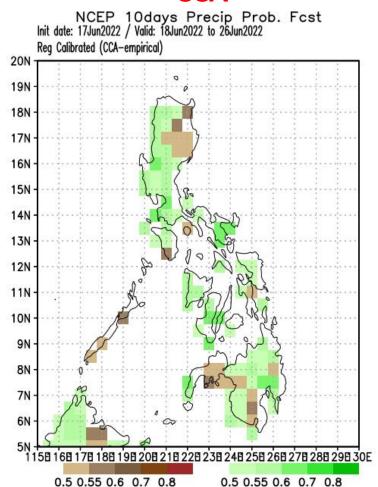
0.5 0.55 0.6 0.7 0.8

### **PCA**



Probability of receiving above normal rainfall in most parts of the country except with patches of below normal rainfall in northern Luzon, Mindoro and western Mindanao.

### **CCA**



Probability of receiving above normal rainfall in most parts of the country except with patches of below normal rainfall in eastern Luzon and western Mindanao.

0.5 0.55 0.6 0.7 0.8