# **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 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: 21 July 2022 Idate: 17 July 2022

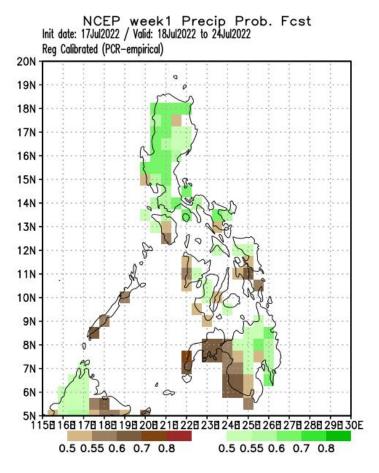
July 18-24, 2022

### **GCM**

NCEP week1 Precip Prob. Fcst Init date: 17Jul2022 / Valid: 18Jul2022 to 24Jul2022 Reg Calibrated (GCM-empirical) 20N 19N 18N 17N 16N 15N 14N 13N 12N 11N 10N 9N 8N 7N -115816817818819820821822823824825826827828829830E 0.5 0.55 0.6 0.7 0.8 0.5 0.55 0.6 0.7 0.8

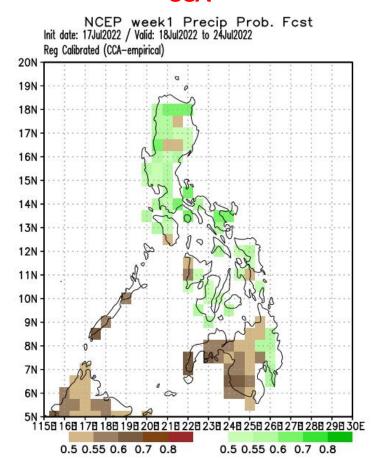
Probability of receiving above normal rainfall in most parts of Southern Luzon, Bicol Region, Visayas and Mindanao while the rest of Luzon will likely receive below normal rainfall.

### **PCA**



Probability of receiving above normal rainfall in most parts of country except in western Mindanao and patches of below normal rainfall in Visayas, Mindoro and Palawan.

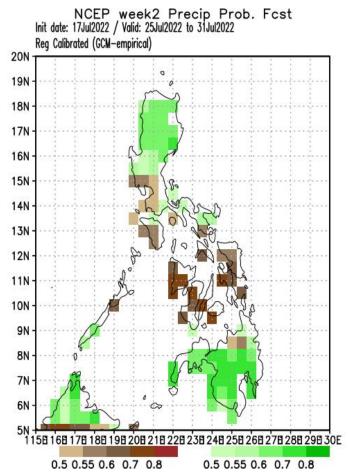
### **CCA**



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

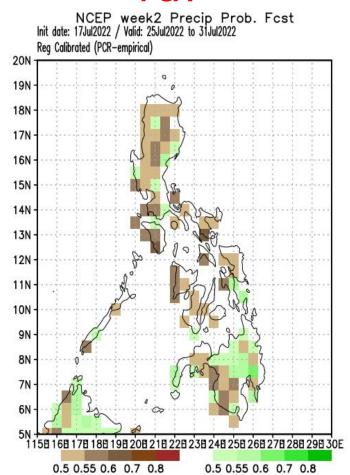
Idate: 17 July 2022 Week 2 Forecast Jul 25-31, 2022

### GCM



Probability of receiving above normal rainfall in most parts of Northern & Central Luzon, Bicol Region and Mindanao while Zambales, Bataan, Pampanga, Mindoro and Visayas will likely receive below normal rainfall.

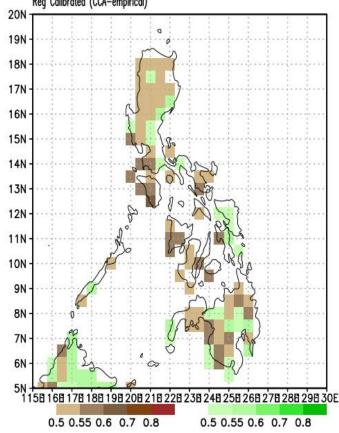
### PCA



Probability of receiving below normal rainfall in most parts of Luzon, Visayas and western Mindanao (except with patches of above normal rainfall) while the rest of Mindanao will likely receive above normal rainfall.

### CCA





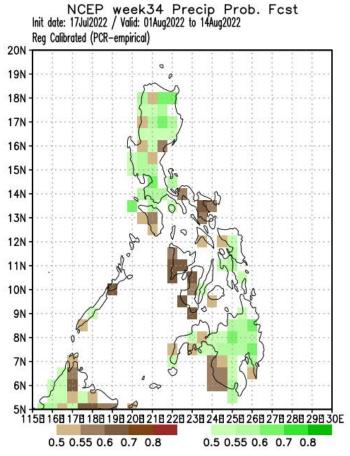
Probability of receiving below normal rainfall in most parts of the country except in some areas in eastern Luzon and Mindanao, Leyte & Samar provinces where above normal rainfall is more likely.

**Idate: 17 July 2022** Week 3-4 Forecast Aug 1-14, 2022

## **GCM**

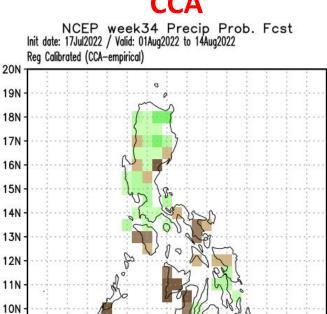
NCEP week34 Precip Prob. Fcst Init date: 17Jul2022 / Valid: 01Aug2022 to 14Aug2022 Reg Calibrated (GCM-empirical) 20N 19N 18N 17N 16N 15N 14N 13N 12N 11N 10N 9N 8N 7N 1158 168 178 188 198 208 218 228 238 248 258 268 278 288 298 30E 0.5 0.55 0.6 0.7 0.8 0.5 0.55 0.6 0.7 0.8

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



Probability of receiving above normal rainfall in most parts of country except in Bicol Region, Mindoro, western Visayas and southwestern Mindanao where below normal rainfall is more likely.

### CCA



9N

8N

7N

6N

Probability of receiving above normal rainfall in most parts of country except in Bicol Region, Mindoro, western Visayas and western Mindanao where below normal rainfall is more likely.

1158 168 178 188 198 208 218 228 238 248 258 268 278 288 298 30E

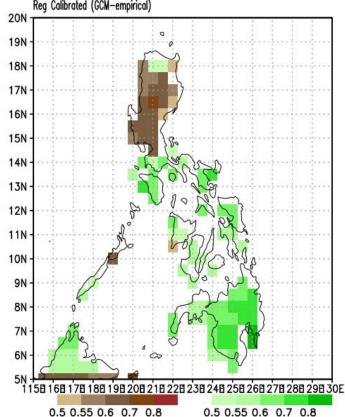
0.5 0.55 0.6 0.7 0.8

0.5 0.55 0.6 0.7 0.8

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

### GCM

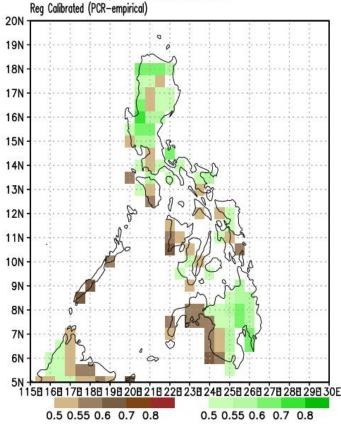
NCEP 10days Precip Prob. Fcst Init date: 17Jul2022 / Valid: 18Jul2022 to 26Jul2022 Reg Calibrated (GCM-empirical)



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

### **PCA**

NCEP 10days Precip Prob. Fcst Init date: 17Jul2022 / Valid: 18Jul2022 to 26Jul2022

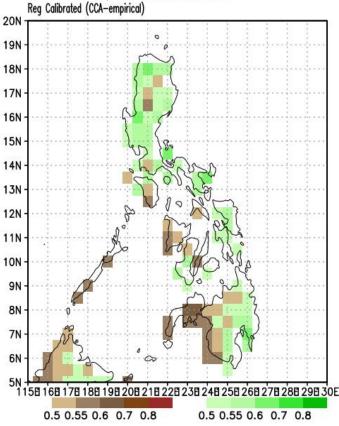


Probability of receiving above normal rainfall in most parts of country except in western Mindanao and patches of below normal rainfall in Visayas, Mindoro and Palawan.

### **CCA**

NCEP 10days Precip Prob. Fcst Init date: 17Jul2022 / Valid: 18Jul2022 to 26Jul2022

Rea Calibrated (CCA-empirical)



Probability of receiving above normal rainfall in most parts of country except in western Mindanao and patches of below normal rainfall in Visayas, Mindoro and Palawan.



