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

# **NOAA's CPC International Desks**

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

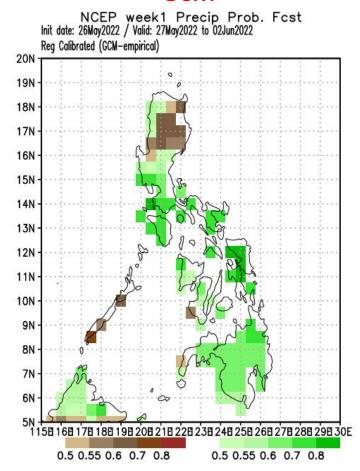




Rundate: 30 May 2022 Idate: 26 May 2022

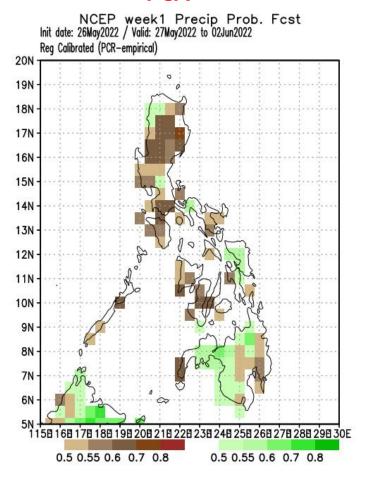
May 27 - Jun 02, 2022

### **GCM**



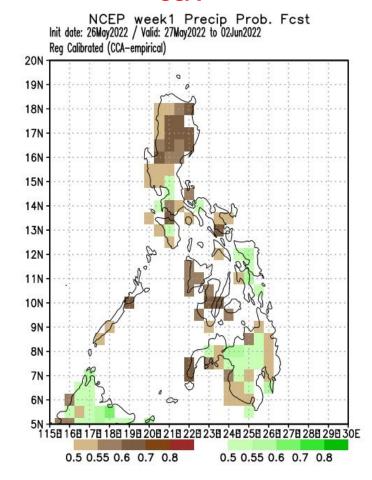
Probability of receiving above normal rainfall in most parts of the country except in Northern Luzon where below normal rainfall is more likely.

### **PCA**



Probability of receiving below normal rainfall in most parts of Luzon, Central & Western Visayas and southeastern Mindanao while the rest of the country will likely receive above normal rainfall

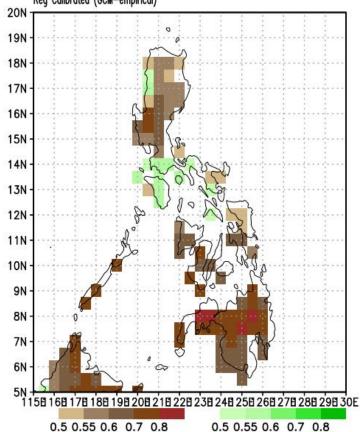
### **CCA**



Probability of receiving below normal rainfall in most parts of Luzon, Central & Western Visayas and some areas in eastern and western Mindanao while the rest of the country will likely receive above normal rainfall **Idate: 26 May 2022 Week 2 Forecast** Jun 03- 09, 2022

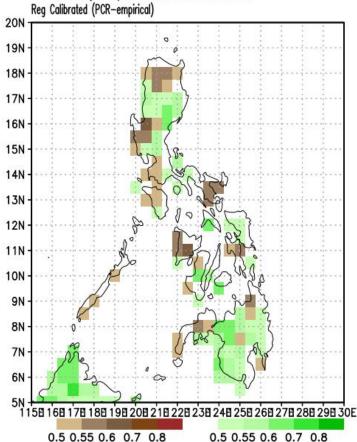
# GCM

NCEP week2 Precip Prob. Fcst Init date: 26May2022 / Valid: 03Jun2022 to 09Jun2022 Reg Calibrated (GCM-empirical)



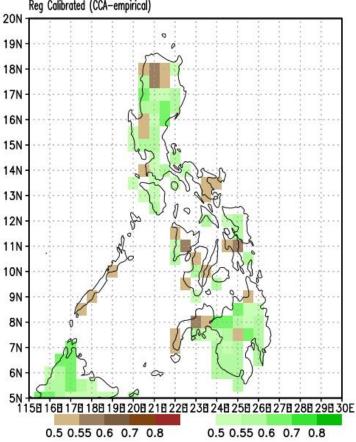
Probability of receiving below normal rainfall in most parts the country except in some areas in Southern Luzon.

NCEP week2 Precip Prob. Fcst Init date: 26May2022 / Valid: 03Jun2022 to 09Jun2022 Reg Calibrated (PCR-empirical)



Probability of receiving above normal rainfall in most parts the country except with some patches of below normal.

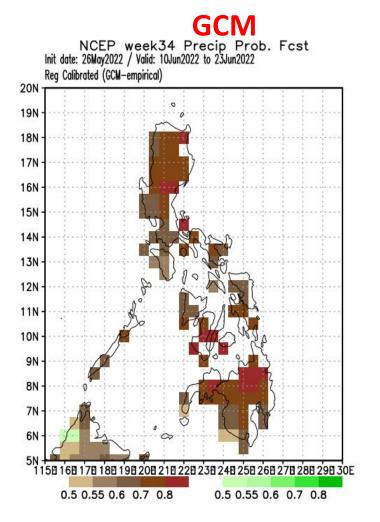
NCEP week2 Precip Prob. Fcst Init date: 26May2022 / Valid: 03Jun2022 to 09Jun2022 Reg Calibrated (CCA-empirical)

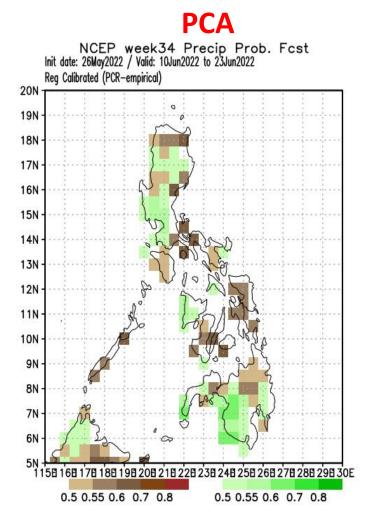


Probability of receiving above normal rainfall in most parts the country except with some patches of below normal.



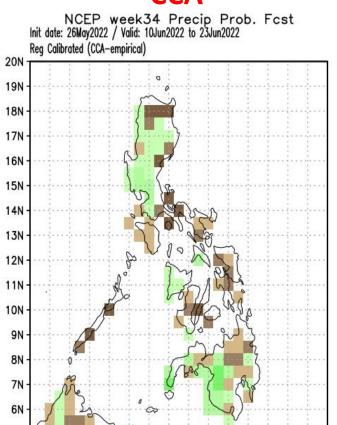
**Idate: 26 May 2022** Week 3-4 Forecast Jun 10-23, 2022





Probability of receiving below normal rainfall ir Probability of receiving above normal rainfall in most parts of Northern & Central Luzon, Panay Island, Davao Region and western Mindanao while the rest of the country will likely receive below normal rainfall.





Probability of receiving above normal rainfall in most parts of Northern & Central Luzon, Panay Island and western Mindanao while the rest of the country will likely receive below normal rainfall.

0.5 0.55 0.6 0.7 0.8

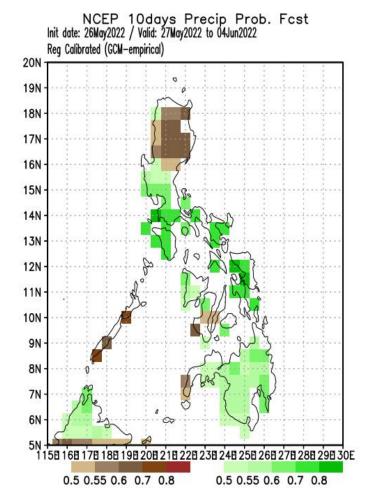
1158 168 178 188 198 208 218 228 238 248 258 268 278 288 298 30E

0.5 0.55 0.6 0.7 0.8

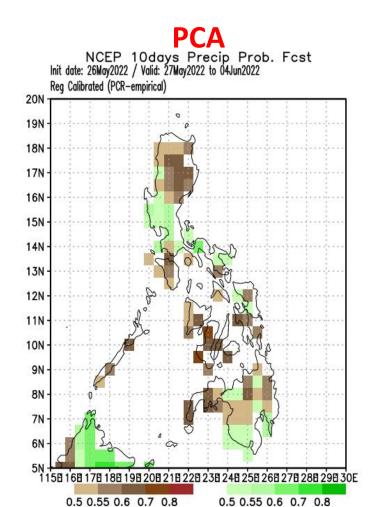
most parts the country is expected.

Idate: 26 May 2022 10 days Forecast May 27- Jun04, 2022

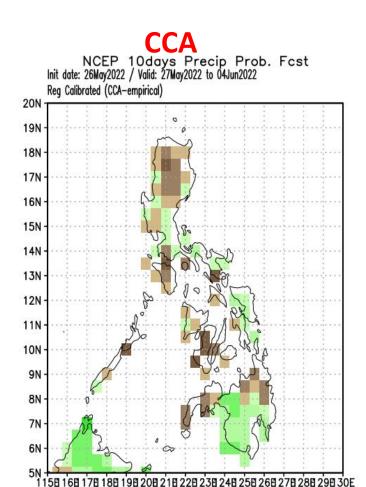
# GCM



Probability of receiving above normal rainfall in most parts of the country except in Northern Luzon where below normal rainfall is more likely.



Probability of receiving below normal rainfall in Northern Luzon, Mindoro, Palawan, and most parts of Visayas and northwestern Mindanao while the rest of the country will likely receive above normal rainfall



Probability of receiving below normal rainfall in Northern Luzon, Mindoro, Palawan, western Visayas, Zamboanga Peninsula and northeastern Mindanao 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