# **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 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.





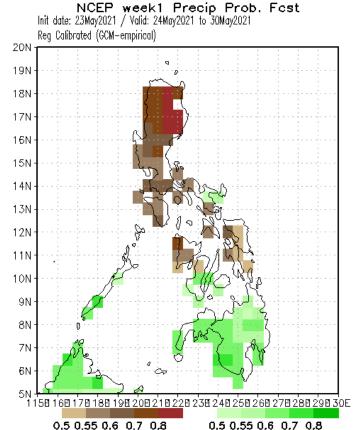
**Rundate: May 26, 2021** 

Idate: May 23, 2021

Week 1 Forecast

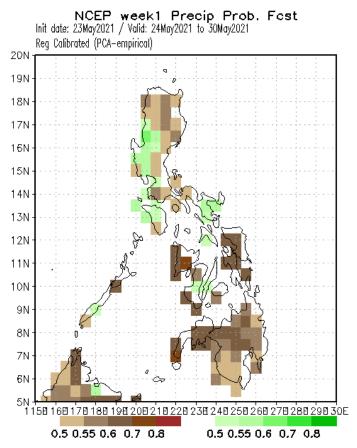
May 24-30, 2021





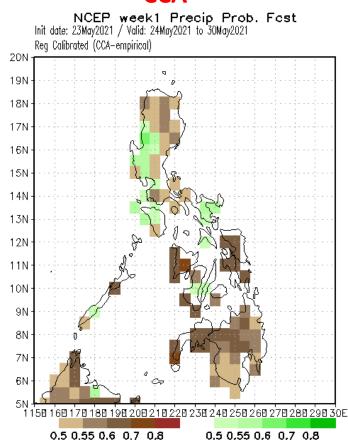
Probability of receiving below normal rainfall in most parts of Luzon and Visayas is expected while Palawan, Cebu, Bohol, most parts of Negros Island and Mindanao will likely receive above normal rainfall.

### **PCA**



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

### CCA



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

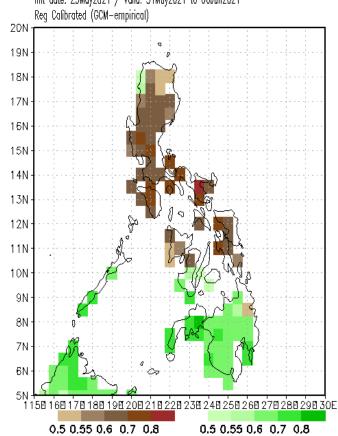
The Weather and Climate Authority

Idate: May 23, 2021

# Week 2 Forecast May 31 – Jun 06, 2021

### **GCM**

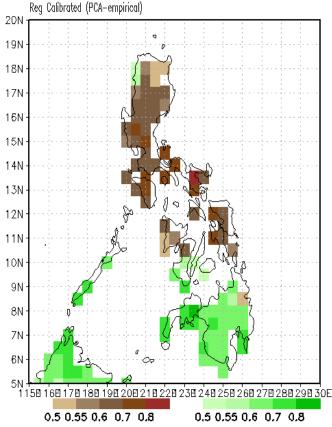
NCEP week2 Precip Prob. Fcst Init date: 23May2021 / Valid: 31May2021 to 06Jun2021



Probability of receiving below normal rainfall in most parts of Luzon and Visayas is expected while Palawan, Cebu, Bohol, most parts of Negros Island and Mindanao will likely receive above normal rainfall.

### **PCA**

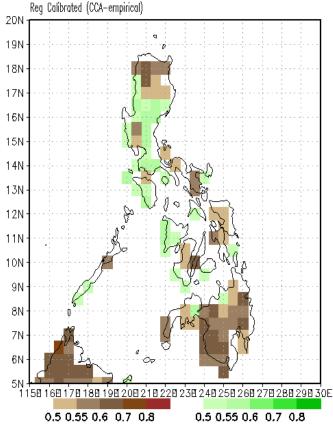
NCEP week2 Precip Prob. Fcst Init date: 23May2021 / Valid: 31May2021 to 06Jun2021



Probability of receiving below normal rainfall in most parts of Luzon and Visayas is expected while Palawan, Cebu, Bohol, most parts of Negros Island and Mindanao will likely receive above normal rainfall.

### **CCA**

NCEP week2 Precip Prob. Fcst Init date: 23May2021 / Valid: 31May2021 to 06Jun2021



Probability of receiving below normal rainfall in Northern Luzon, Bicol region, Eastern Visayas, Negros Occidental and most parts of Mindanao is expected while the rest of Luzon will likely receive above normal rainfall.

Idate: May 23, 2021 Week 3-4 Forecast Jun 07-20, 2021

### **GCM**

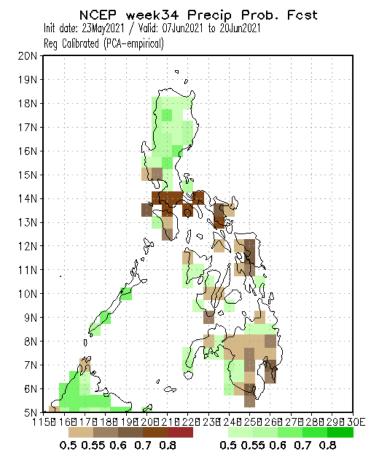
NCEP week34 Precip Prob. Fost Init date: 23May2021 / Valid: 07Jun2021 to 20Jun2021 Reg Calibrated (GCM-empirical) 19N 18N 17N 16N 15N 14N 13N 12N 11N 10N 9N 8N 7N: 6N 178 188 198 208 218 228 238 248 258 268 278 288 298 30E

Probability of receiving below normal rainfall in most parts of Southern Luzon, eastern Visayas and most parts of 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

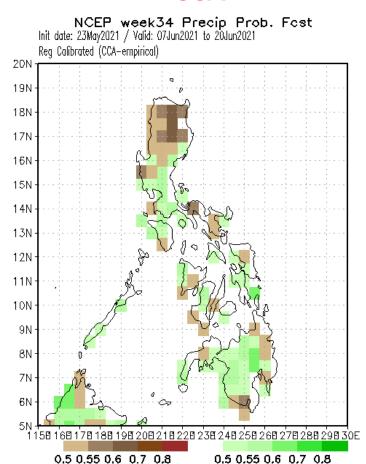
0.5 0.55 0.6 0.7 0.8

### **PCA**



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

## **CCA**

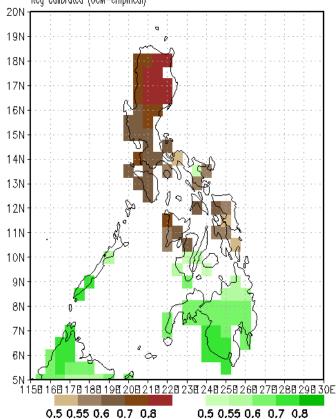


Probability of receiving above normal rainfall in most parts of the country is expected except in northern half of Luzon and patches of below normal rainfall in Visayas and Mindanao.

### Idate: May 23, 2021

# 10 days Forecast May 24 – Jun 01, 2021 GCN

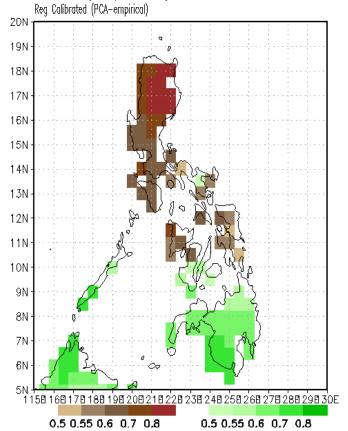
NCEP 10days Precip Prob. Fcst Init date: 23May2021 / Valid: 24May2021 to 01Jun2021 Reg Calibrated (GCM-empirical)



Probability of receiving below normal rainfall in most parts of Luzon and Visayas is expected while Palawan, Cebu, Bohol, most parts of Negros Island and Mindanao will likely receive above normal rainfall.

### **PCA**

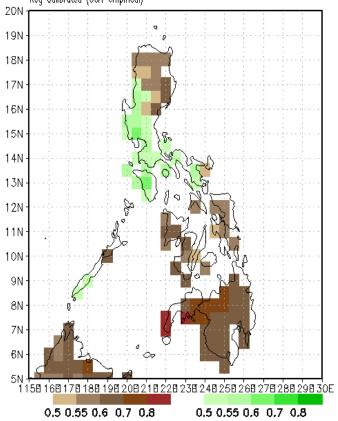
NCEP 10days Precip Prob. Fost Init date: 23May2021 / Valid: 24May2021 to 01Jun2021



Probability of receiving below normal rainfall in most parts of Luzon and Visayas is expected while Palawan, Cebu, Bohol, most parts of Negros Island and Mindanao will likely receive above normal rainfall.

### CCA

NCEP 10days Precip Prob. Fost Init date: 23May2021 / Valid: 24May2021 to 01Jun2021 Rea Calibrated (CCA-empirical)



Probability of receiving below normal rainfall in Ilocos Norte, most parts of Cordillera Region, Cagayan Valley and most parts of Visayas and Mindanao is expected while the rest of Luzon will likely receive above normal rainfall.