# **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 19 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.





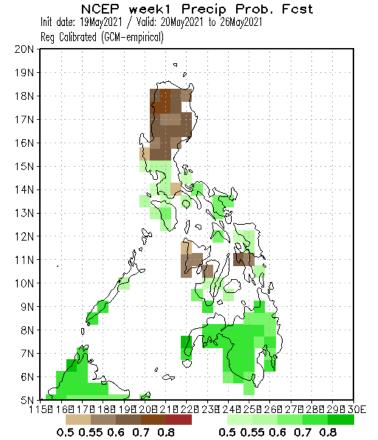
**Rundate: May 22, 2021** 

Idate: May 19, 2021

Week 1 Forecast

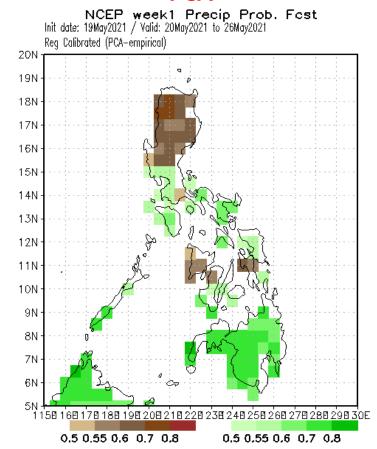
May 20-26, 2021





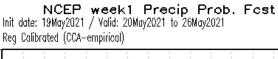
Probability of receiving below normal rainfall in the Regions of Ilocos, Cordillera and Cagayan and Panay Island is expected while the rest of the country will likely receive above normal rainfall.

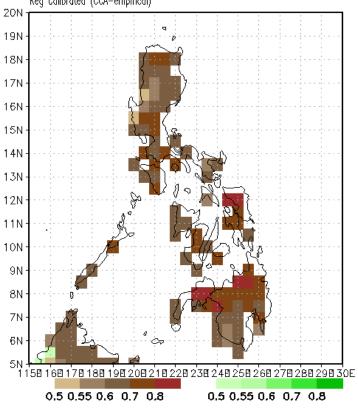
# **PCA**



Probability of receiving below normal rainfall in the Regions of Ilocos, Cordillera and Cagayan and Panay Island is expected while the rest of the country will likely receive above normal rainfall.

## CCA





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



Idate: May 19, 2021

# **Week 2 Forecast** May 27 – Jun 02, 2021

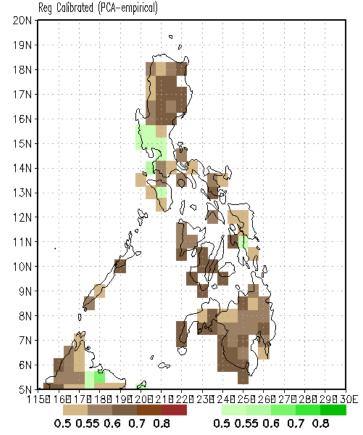
# **GCM**

NCEP week2 Precip Prob. Fcst Init date: 19May2021 / Valid: 27May2021 to 02Jun2021 Reg Calibrated (GCM-empirical) 19N 18N 15N 14N 13N

17N 16N 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

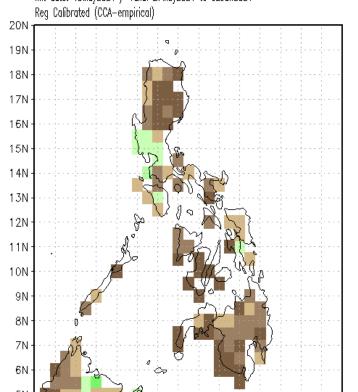
Probability of receiving above normal rainfall in most parts of the country is expected except in most parts of Cordillera and Isabela where below normal rainfall is more likely.

NCEP week2 Precip Prob. Fcst Init date: 19May2021 / Valid: 27May2021 to 02Jun2021



Probability of receiving below normal rainfall in most parts of the country is expected except in some areas in Central Luzon where above normal rainfall is more likely.

NCEP week2 Precip Prob. Fcst Init date: 19May2021 / Valid: 27May2021 to 02Jun2021



Probability of receiving below normal rainfall in most parts of the country is expected except in some areas in Central Luzon where above "" 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

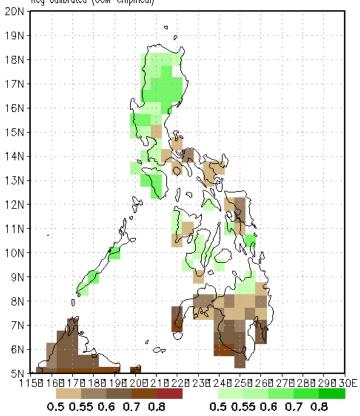
0.5 0.55 0.6 0.7 0.8



Idate: May 19, 2021 Week 3-4 Forecast Jun 03-16, 2021

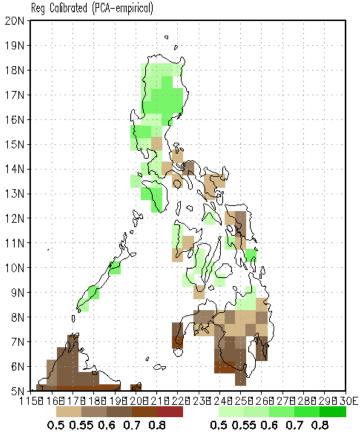
# **GCM**

NCEP week34 Precip Prob. Fost Init date: 19May2021 / Valid: 03Jun2021 to 16Jun2021 Reg Calibrated (GCM-empirical)



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

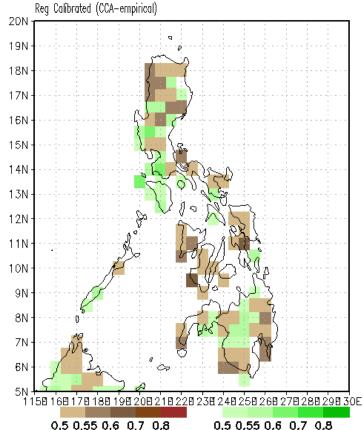
NCEP week34 Precip Prob. Fost Init date: 19May2021 / Valid: 03Jun2021 to 16Jun2021



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

**CCA** 

NCEP week34 Precip Prob. Fcst Init date: 19May2021 / Valid: 03Jun2021 to 16Jun2021



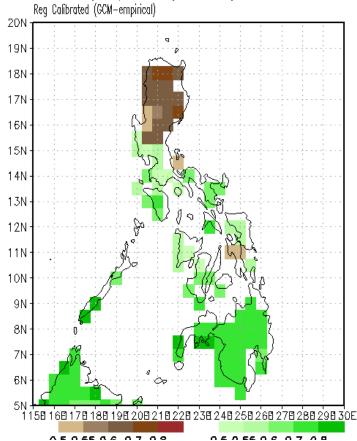
Probability of receiving below normal rainfall in most parts of the country is expected except with some patches of above normal rainfall.



Idate: May 19, 2021

**10 days Forecast** May 20-28, 2021

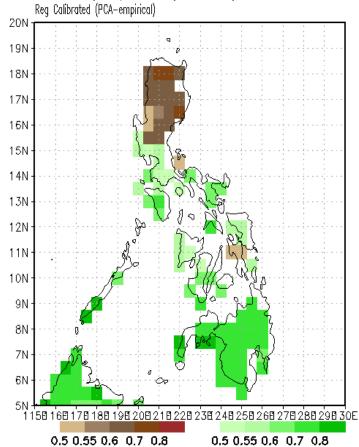
NCEP 10days Precip Prob. Fcst Init date: 19May2021 / Valid: 20May2021 to 28May2021



Probability of receiving below normal rainfall in the Regions of Ilocos, Cordillera and Cagayan is expected while the rest of the country will likely receive above normal rainfall.

# **PCA**

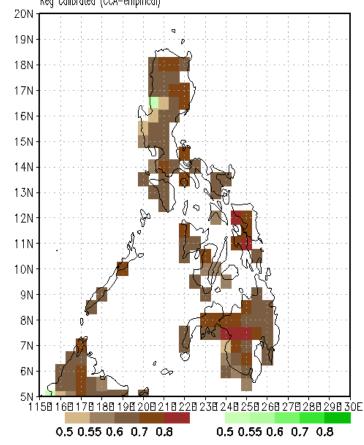
NCEP 10days Precip Prob. Fcst Init date: 19May2021 / Valid: 20May2021 to 28May2021



Probability of receiving below normal rainfall in the Regions of Ilocos, Cordillera and Cagayan is expected while the rest of the country will likely receive above normal rainfall.

NCEP 10days Precip Prob. Fcst Init date: 19May2021 / Valid: 20May2021 to 28May2021

Reg Calibrated (CCA-empirical)



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

