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

# **NOAA's CPC International Desks**

CPT is using NCEP CFSv2 (Climate Forecast Systems V.2) forecasts. Initial condition: Apr 18, 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: April 22, 2021

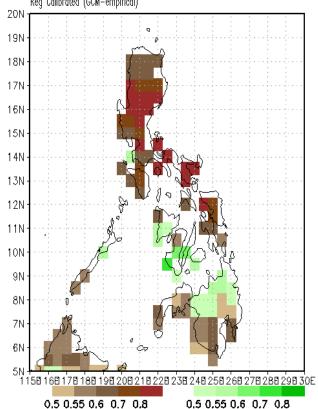
Idate: Apr 18, 2021

**Week 1 Forecast** 

Apr 19-25, 2021

**GCM** 

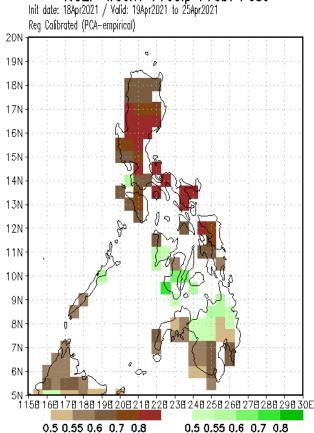
NCEP week1 Precip Prob. Fcst Init date: 18Apr2021 / Valid: 19Apr2021 to 25Apr2021 Reg Calibrated (GCM-empirical)



Probability of receiving below normal rainfall in most parts of the country is expected except in northern Mindanao where above normal rainfall is more likely.

## **PCA**

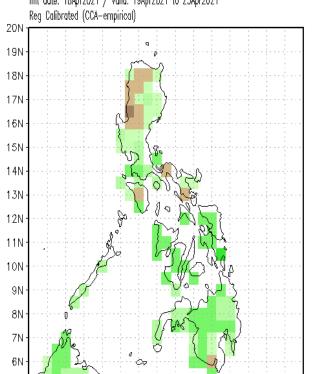
# NCEP week1 Precip Prob. Fcst



Probability of receiving below normal rainfall in most parts of the country is expected except in northern Mindanao where above normal rainfall is more likely.

## **CCA**

### NCEP week1 Precip Prob. Fost Init date: 18Apr2021 / Valid: 19Apr2021 to 25Apr2021



1 1 1 5 8 1 6 8 1 7 8 1 8 8 1 9 8 2 0 8 2 1 8 2 2 8 2 3 8 2 4 8 2 5 8 2 6 8 2 7 8 2 8 8 2 9 8 3 0 E

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 with some patches of below normal rainfall in 3A northeastern Luzon, Bicol Region and Mindoro.

0.5 0.55 0.6 0.7 0.8





Idate: Apr 18, 2021

**Week 2 Forecast** 

Apr 26- May 03, 2021

# **GCM**

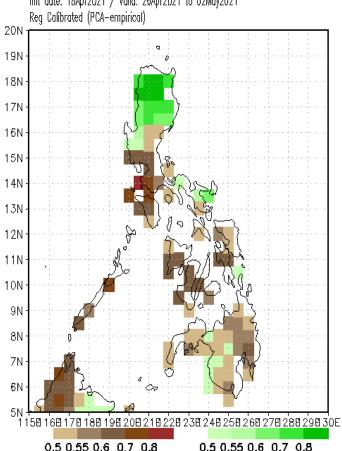
NCEP week2 Precip Prob. Fcst Init date: 18Apr2021 / Valid: 26Apr2021 to 02May2021 Reg Calibrated (GCM-empirical) 19N 18N 17N 16N 15N 14N 13N 12N 11N 10N: 9N: 8N ZN. 11158 168 178 188 198 208 218 228 238 248 258 268 278 288 298 30E

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

0.5 0.55 0.6 0.7 0.8

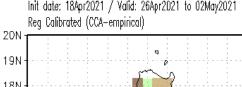
0.5 0.55 0.6 0.7 0.8

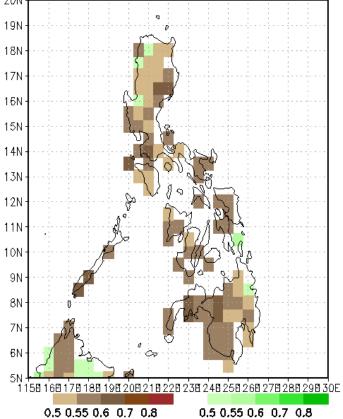
NCEP week2 Precip Prob. Fcst Init date: 18Apr2021 / Valid: 26Apr2021 to 02May2021



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

NCEP week2 Precip Prob. Fcst Init date: 18Apr2021 / Valid: 26Apr2021 to 02May2021





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



Idate: Apr 18, 2021

# Week 3-4 Forecast May 03-16, 2021

10N

**GCM** 

NCEP week34 Precip Prob. Fest
Init date: 18Apr2021 / Valid: D3May2021 to 16May2021
Reg Calibrated (GCM-empirical)

20N
19N
18N

15N-15N-14N-13N-12N-11N-

9N 7N 6N 5N 1158 168 178 188 198 208 218 228 238 248 258 268 278 288 298 30E

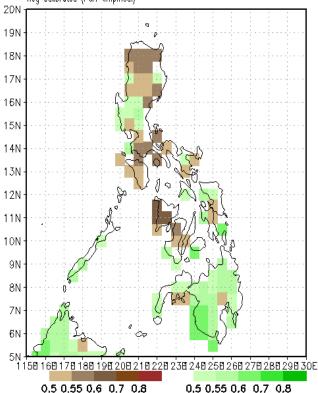
0.5 0.55 0.6 0.7 0.8 0.5 0.55 0.6 0.7 0.8

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

# **PCA**

NCEP week34 Precip Prob. Fost Init date: 18Apr2021 / Valid: 03May2021 to 16May2021

Init date: 18Apr2021 / Valid: D3May2021 to 16May2021 Reg Calibrated (PCA-empirical)



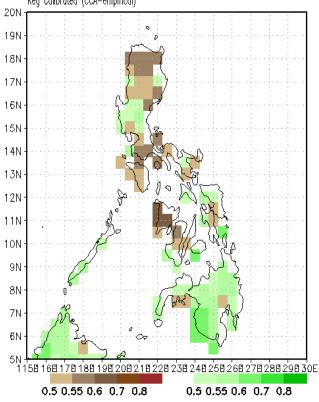
Probability of receiving below normal rainfall in northern & southern Luzon and western parts of Mindanao is expected while the rest of the country will likely received above normal rainfall.

# **CCA**

NCEP week34 Precip Prob. Fcst Init date: 18Apr2021 / Valid: 03May2021 to 16May2021

Init date: 18Apr2021 / Valid: D3May2021 to 16May2021

Rea Calibrated (CCA-empirical)



Probability of receiving below normal rainfall in northern & southern Luzon and western parts of Mindanao while the rest of the country will likely received above normal rainfall.

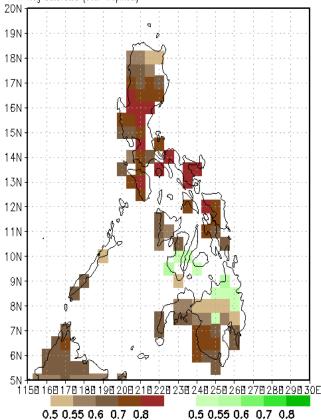
Idate: Apr 18, 2021

**10 days Forecast** Apr 19-27, 2021

# **GCM**

NCEP 10days Precip Prob. Fost Init date: 18Apr2021 / Valid: 19Apr2021 to 27Apr2021

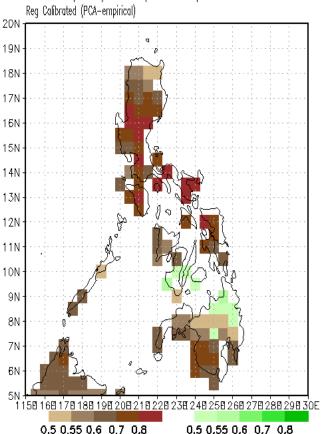
Reg Calibrated (GCM-empirical)



Probability of receiving below normal rainfall in most parts of the country is expected except in northeastern Mindanao where above normal rainfall is more likely.

# **PCA**

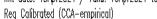
NCEP 10days Precip Prob. Fcst Init date: 18Apr2021 / Valid: 19Apr2021 to 27Apr2021

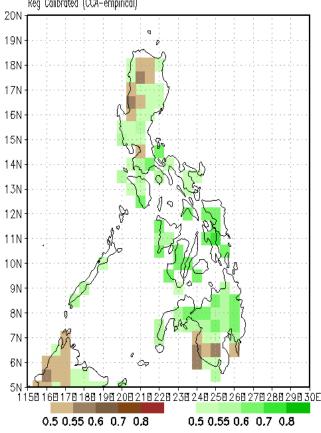


Probability of receiving below normal rainfall in most parts of the country is expected except in northeastern Mindanao where above normal rainfall is more likely.

# **CCA**

NCEP 10days Precip Prob. Fcst Init date: 18Apr2021 / Valid: 19Apr2021 to 27Apr2021





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



