# CPT based Sub-Seasonal Forecasting (Philippines)

**NOAA's CPC International Desks** 

CPT is using NCEP CFSv2 (Climate Forecast Systems V.2) forecasts. Initial condition: March 31, 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 04, 2021

Idate: Mar 31, 2021

**Week 1 Forecast** 

Apr 01-07, 2021

10N

9N

8N

7N

#### **GCM**

NCEP week1 Precip Prob. Fcst
Init date: 31Mar2021 / Valid: 01Apr2021 to 07Apr2021
Reg Calibrated (GCM-empirical)

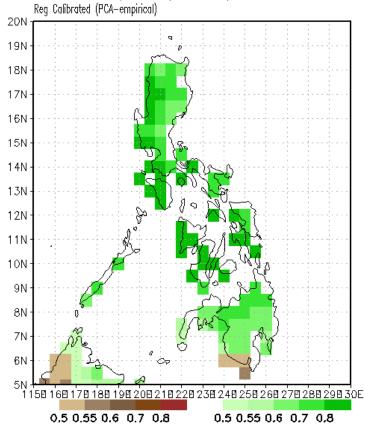
20N
19N
18N
17N
16N
15N
14N
13N
12N

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**

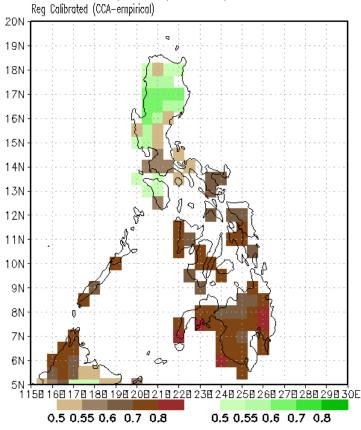
NCEP week1 Precip Prob. Fcst Init date: 31Mar2021 / Valid: 01Apr2021 to 07Apr2021 Rea Calibrated (PCA-empirical)



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

#### **CCA**

NCEP week1 Precip Prob. Fcst Init date: 31Mar2021 / Valid: 01Apr2021 to 07Apr2021



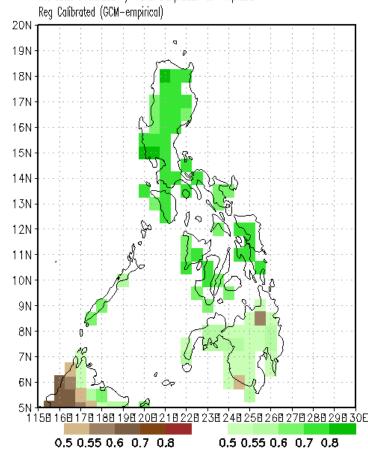
Probability of receiving below normal rainfall in most parts of Visayas and Mindanao while Luzon will likely received above normal rainfall.



#### **Idate: Mar 31, 2021**

# Week 2 Forecast Apr 08-14, 2021

#### NCEP week2 Precip Prob. Fcst Init date: 31Mar2021 / Valid: 08Apr2021 to 14Apr2021

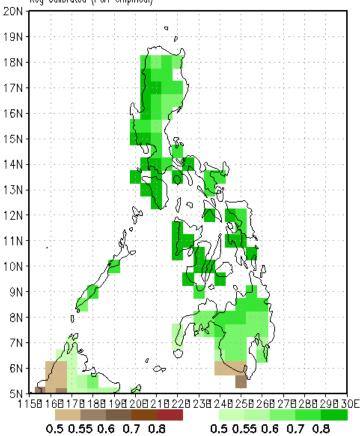


Probability of receiving above normal rainfall in most parts of the country is expected.

#### **PCA**

# NCEP week2 Precip Prob. Fost

Init date: 31Mar2021 / Valid: 08Apr2021 to 14Apr2021 Reg Calibrated (PCA-empirical)

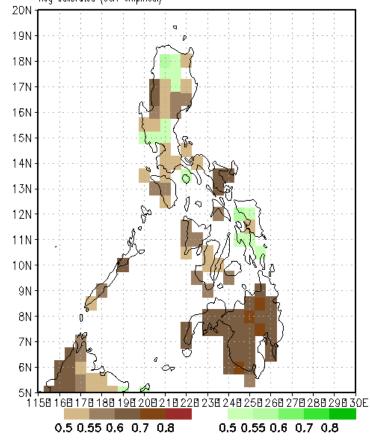


Probability of receiving above normal rainfall in most parts of the country is expected.

#### **CCA**

NCEP week2 Precip Prob. Fcst Init date: 31Mar2021 / Valid: 08Apr2021 to 14Apr2021

Reg Calibrated (CCA-empirical)

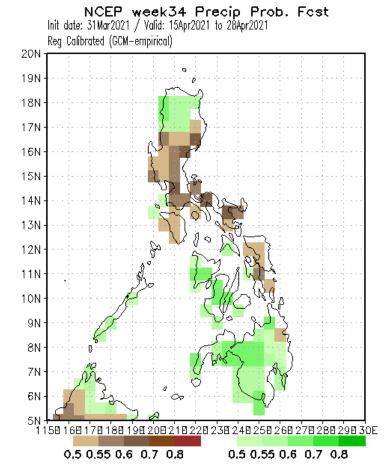


Probability of receiving below normal rainfall in most parts of the country is expected except with some patches of above normal rainfall in northern & southern Luzon and eastern Samar.

Idate: Mar 31, 2021

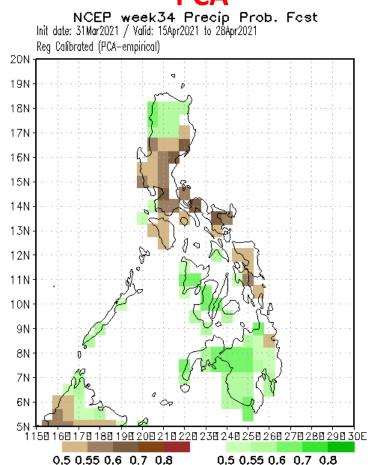
Week 3-4 Forecast Apr 15-28, 2021

**GCM** 



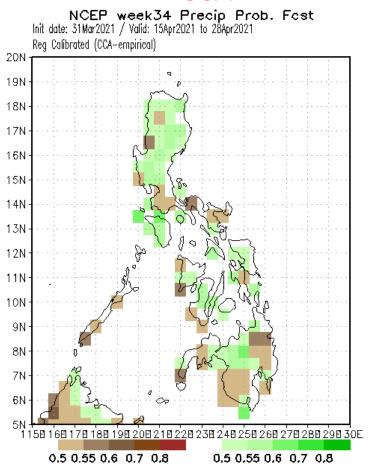
Probability of receiving above normal rainfall in most parts of northern half of Luzon, central and western Visayas and most parts of Mindanao while the rest of the country will likely receive below normal rainfall.





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

### **CCA**

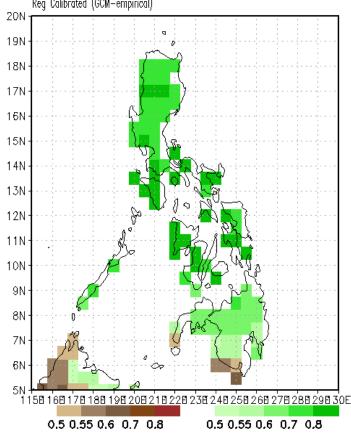


Probability of receiving above normal rainfall in most parts of the country is expected except with some patches of below normal rainfall in southern Luzon and Mindanao.

#### **Idate: Mar 31, 2021**

10 days Forecast Apr 01-09, 2021

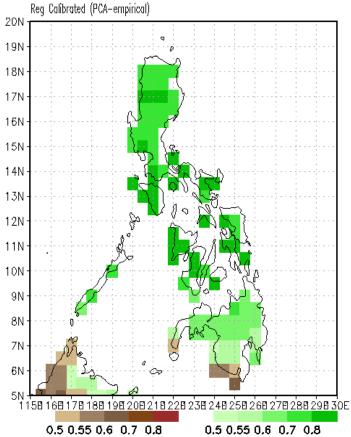
NCEP 10days Precip Prob. Fost Init date: 31Mar2021 / Valid: 01Apr2021 to 09Apr2021 Req Calibrated (GCM-empirical)



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

# **PCA**

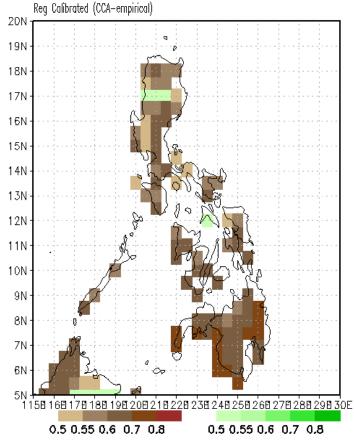
NCEP 10days Precip Prob. Fcst Init date: 31Mar2021 / Valid: 01Apr2021 to 09Apr2021



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

#### CCA

NCEP 10days Precip Prob. Fcst Init date: 31Mar2021 / Valid: 01Apr2021 to 09Apr2021



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





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