# CPT based Sub-Seasonal Forecasting (Philippines) NOAA's CPC International Desks

CPT is using NCEP CFSv2 (Climate Forecast Systems V.2) forecasts. Initial condition: Dec 22, 2019

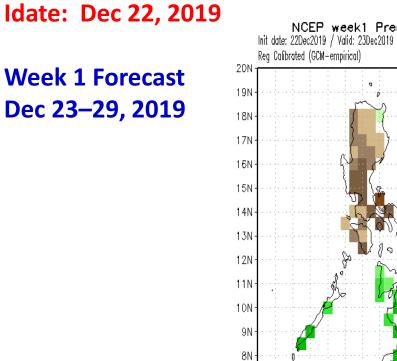
The legend is interpreted as probability of below average rainfall for the brown shaded color and probability of above-average rainfall for green shaded color.

#### Rundate: Dec 26, 2019

#### **GCM**

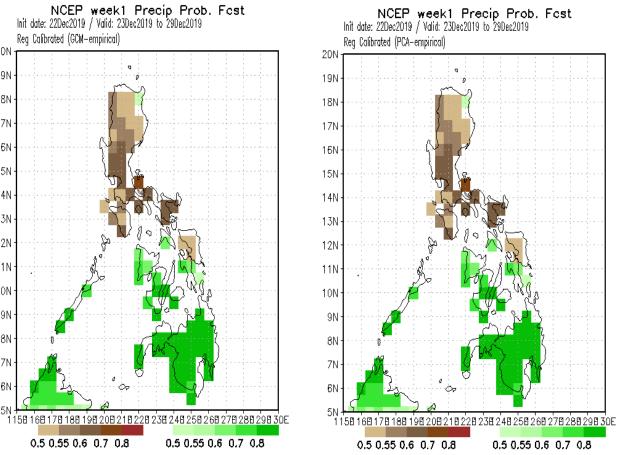
#### **PCA**

#### **CCA**



7N

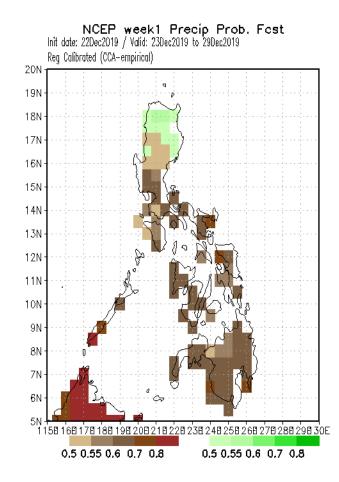
6N



Probability of receiving near to above normal rainfall in central and western Visayas and Mindanao is expected while Luzon and eastern Visayas will likely receive below normal rainfall.

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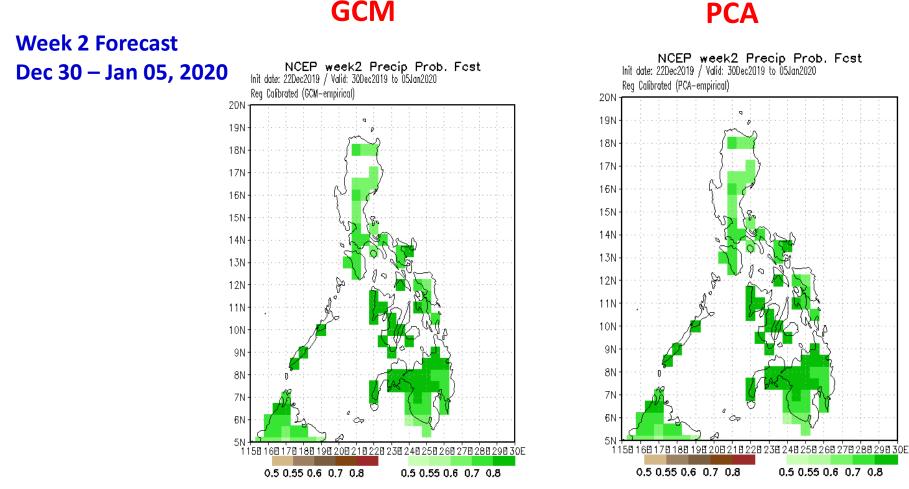
0.5 0.55 0.6 0.7 0.8



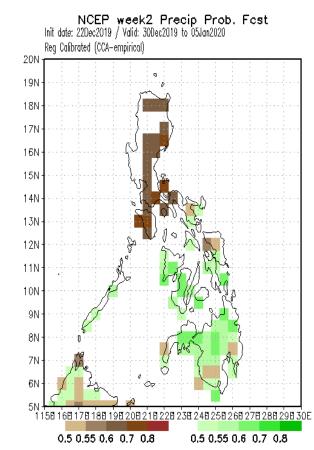
Probability of receiving below normal rainfall in most parts of the country is expected except in the northern part of Luzon where near normal rainfall is most likely.

#### Idate: Dec 22, 2019

## **GCM**



## CCA



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

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

Probability of receiving near to above normal rainfall in most parts of Visayas and Mindanao is expected while Luzon will likely receive near to below normal rainfall.

## GCM

## PCA

Idate: Dec 22, 2019 NCEP week34 Precip Prob. Fcst Init date: 22Dec2019 / Valid: 06Jan2020 to 19Jan2020 NCEP week34 Precip Prob. Fcst Init date: 22Dec2019 / Valid: 06Jan2020 to 19Jan2020 NCEP week34 Precip Prob. Fcst Init date: 22Dec2019 / Valid: 06Jan2020 to 19Jan2020 Reg Calibrated (CCA-empirical) Reg Calibrated (PCA-empirical) Reg Calibrated (GCM-empirical) 20N 20N 20N Week 3-4 Forecast 19N 19N 19N · Jan 6 - 19, 2020 18N 18N 18N 17N 17N 17N 16N 16N 16N 15N 15N 15N · 14N 14N · 14N 13N-13N 13N 12N 12N 12N 11N 11N 11N 10N 10N 10N 9N 9N· 9N 8N 8N 8N 7N 7N 7N 6N 61 6N 5N 158 168 178 188 198 208 218 228 238 248 258 268 278 288 298 30E 5N Î 1 158 168 178 188 198 208 218 228 238 248 258 268 278 288 298 30E 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 0.5 0.55 0.6 0.7 0.8 0.5 0.55 0.6 0.7 0.8 0.5 0.55 0.6 0.7 0.8 0.5 0.55 0.6 0.7 0.8

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

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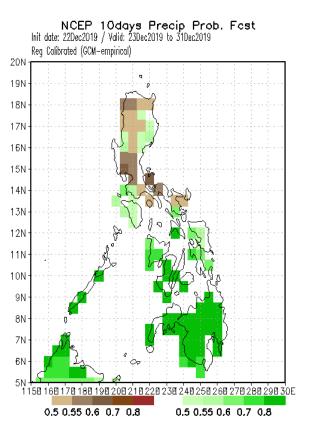
## GCM

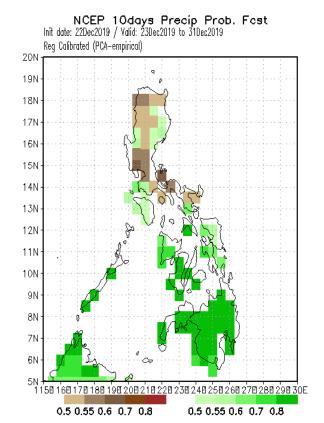
## PCA

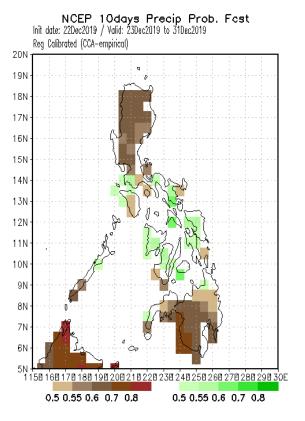
## CCA

# 10 days Forecast Dec 23-31, 2019

Idate: Dec 22, 2019







Probability of receiving near to above normal rainfall in most parts of Visayas and Mindanao is expected while Luzon will likely receive near to below normal rainfall.

Probability of receiving near to above normal rainfall in most parts of Visayas and Mindanao is expected while Luzon will likely receive near to below normal rainfall. Probability of receiving below normal rainfall in most parts Luzon and Mindanao is expected while Visayas will likely receive near normal rainfall.