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

# **NOAA's CPC International Desks**

CPT is using NCEP CFSv2 (Climate Forecast Systems V.2) forecasts. Initial condition: Jan 19, 2020

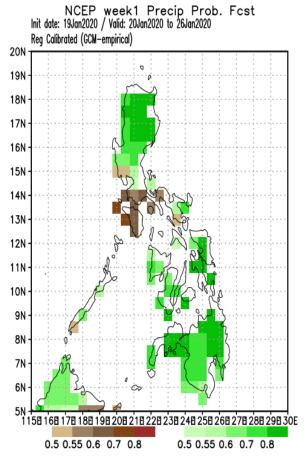
The legend is interpreted as probability of below average rainfall for the brown shaded color and probability of above-average rainfall for green shaded color.

**Rundate: Jan. 23 2020** 

**GCM** 

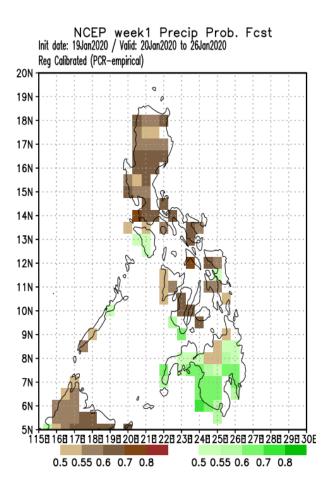
Idate: Jan 19, 2020

Week 1 Forecas<sup>-</sup>
Jan 20–26, 2020



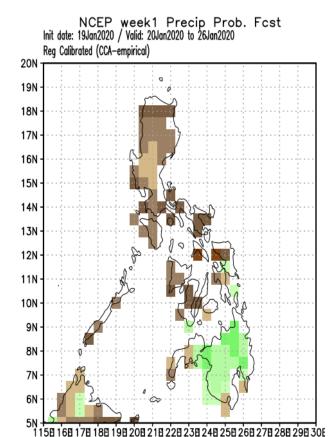
Probability of receiving above normal rainfall in most parts of the country is expected except Batangas, Mindoro provinces and southern Quezon where below normal rainfall is likely.

**PCA** 



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

**CCA** 



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

0.5 0.55 0.6 0.7 0.8

0.5 0.55 0.6 0.7 0.8

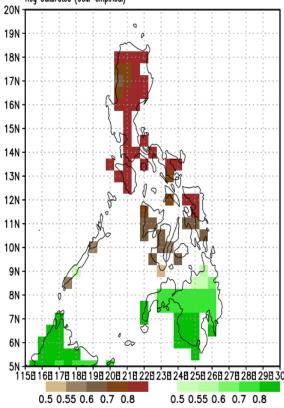
Idate: Jan 19,

2019

Week 2 Forecast Jan 27 – Feb 2, 2020

# **GCM**

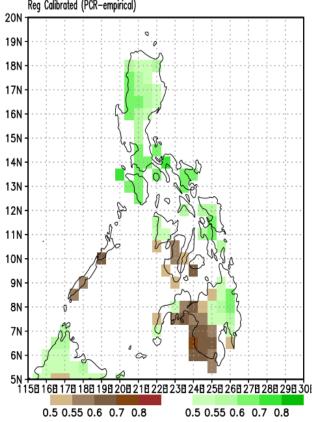
NCEP week2 Precip Prob. Fcst Init date: 19Jan2020 / Valid: 27Jan2020 to 02Feb2020 Reg Calibrated (GCM-empirical)



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

#### **PCA**

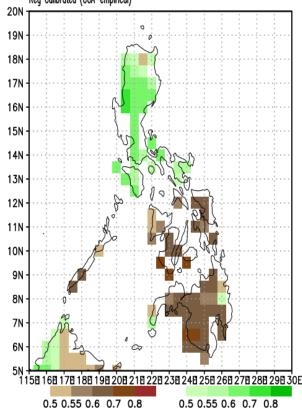
NCEP week2 Precip Prob. Fcst Init date: 19Jan2020 / Valid: 27Jan2020 to 02Feb2020 Reg Calibrated (PCR-empirical)



Probability of receiving near normal rainfall in most parts of Luzon, most Visayas and north and eastern Mindanao while the rest of the country will likely experience below normal rainfall.

#### **CCA**

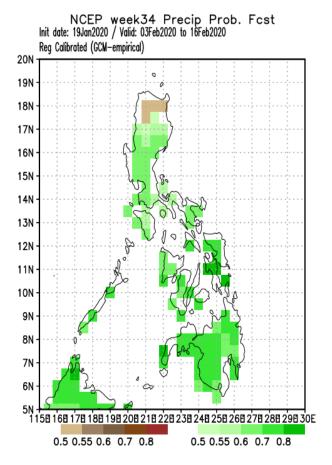
NCEP week2 Precip Prob. Fcst Init date: 19Jan2020 / Valid: 27Jan2020 to 02Feb2020 Reg Calibrated (CCA-empirical)



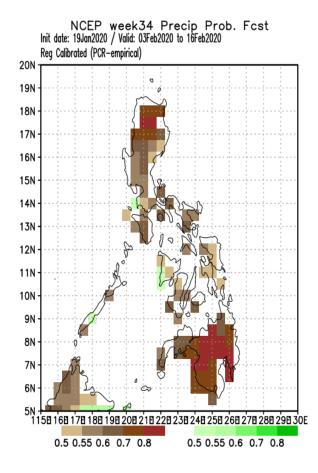
Probability of receiving near to above normal rainfall in most parts of Luzon while most parts of Visayas and Mindanao will likely receive below normal rainfall.

Idate: Jan 19, 2020

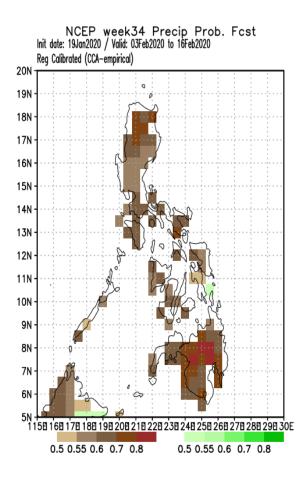
Week 3-4
Forecast
Feb 3 – Feb 16,
2020



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



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



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

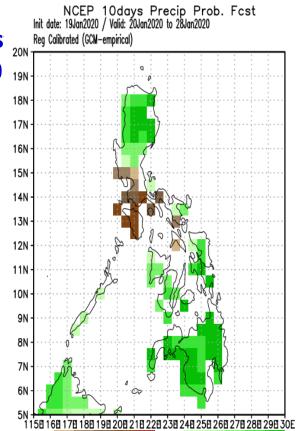
### **GCM**

## **PCA**

#### CCA

Idate: Jan 19, 2020

**10 days Forecas**Jan **20-28, 2020**19N

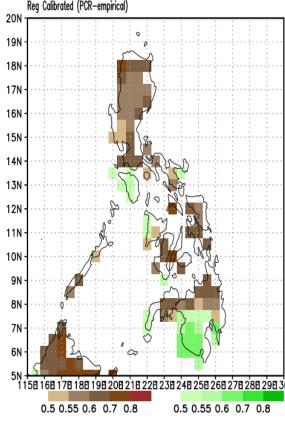


Probability of receiving above normal rainfall in most parts of the country is expected except Bataan, Metro Manila, CALABARZON and Mindoro provinces where below normal is likely.

0.5 0.55 0.6 0.7 0.8

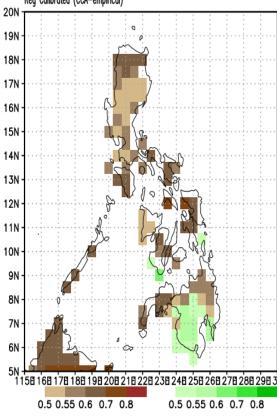
0.5 0.55 0.6 0.7 0.8





Probability of receiving below normal rainfall in most parts of Luzon, Visayas and northern Mindanao and CARAGA is expected while Mindoro provinces, Capiz, Aklan and the remaining parts of Mindanao will likely receive near to above normal rainfall.

NCEP 10days Precip Prob. Fcst Init date: 19Jan2020 / Valid: 20Jan2020 to 28Jan2020 Reg Calibrated (CCA-empirical)



Probability of receiving below normal rainfall in most parts of Luzon, Visayas and northern Mindanao, Zamboanga peninsula and CARAGA is expected while southern parts of Negros island and the remaining parts of Mindanao will likely receive near to above normal rainfall.