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

# **NOAA's CPC International Desks**

CPT is using NCEP CFSv2 (Climate Forecast Systems V.2) forecasts. Initial condition: January 26, 2022

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: 31 January 2022 Idate: 26 January 2022

Jan 27- Feb 02, 2022

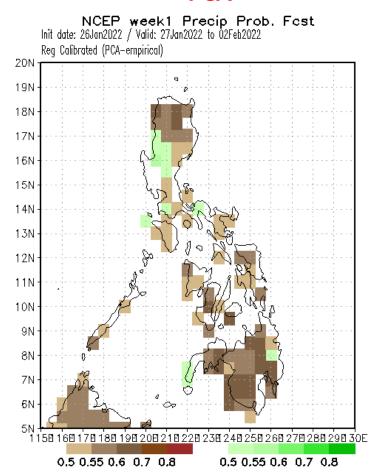
#### GCM

NCEP week1 Precip Prob. Fcst Init date: 26Jan2022 / Valid: 27Jan2022 to 02Feb2022 Reg Calibrated (GCM-empirical) 19N 18N 16N 15N 14N 12N 11N 10N 9N 8N 7N

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

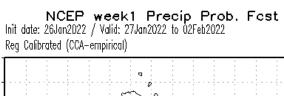
0.5 0.55 0.6 0.7 0.8

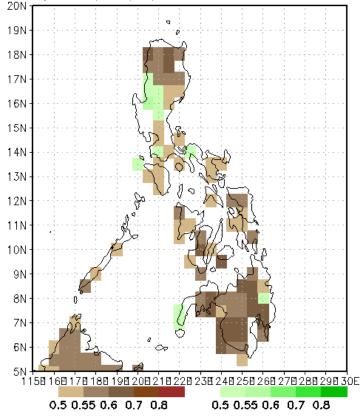
#### **PCA**



Probability of receiving below normal rainfall in most parts of the country except with patches of above normal in Central Luzon.

#### **CCA**





Probability of receiving below normal rainfall in most parts of the country except with patches of above normal in Central Luzon.



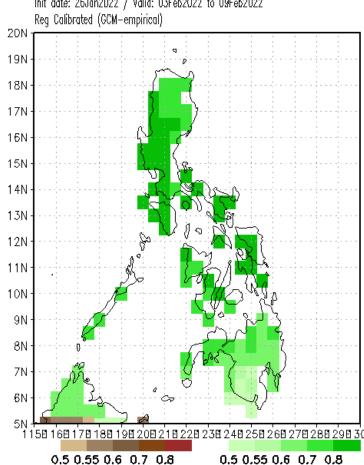
0.5 0.55 0.6 0.7 0.8

#### Idate: 26 January 2022

### Week 2 Forecast Feb 03-09, 2022

#### **GCM**

NCEP week2 Precip Prob. Fcst Init date: 26Jan2022 / Valid: 03Feb2022 to 09Feb2022

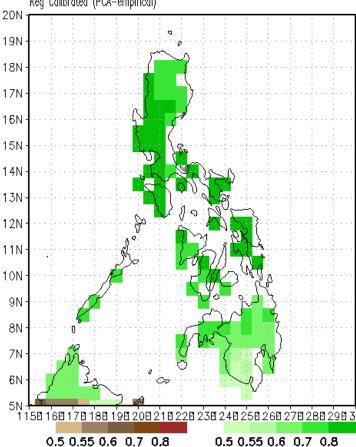


Probability of receiving above normal rainfall in most parts of the country is expected.

**PCA** 

NCEP week2 Precip Prob. Fost

Init date: 26Jan2022 / Valid: 03Feb2022 to 09Feb2022 Reg Calibrated (PCA-empirical)

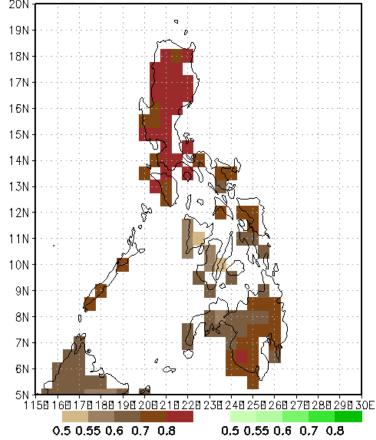


Probability of receiving above normal rainfall in most parts of the country is expected.

#### CCA

NCEP week2 Precip Prob. Fcst Init date: 26Jan2022 / Valid: 03Feb2022 to 09Feb2022

Init date: 25Jan2022 / Valid: U3Feb2022 to U9Feb2022 Reg Calibrated (CCA—empirical)



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





Idate: 26 January 2022

Week 3-4 Forecast Feb 10-23, 2022

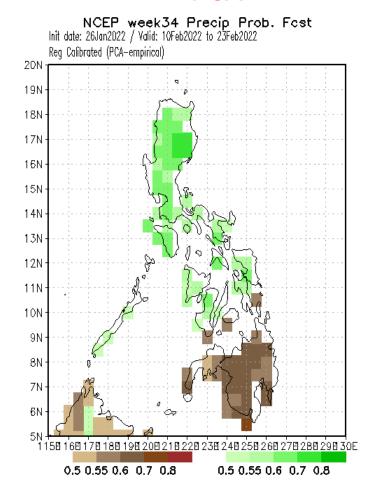
#### **GCM**

#### NCEP week34 Precip Prob. Fost Init date: 26Jan2022 / Valid: 10Feb2022 to 23Feb2022 Reg Calibrated (GCM-empirical) 20N 19N 18N 17N 16N 15N 14N 13N 12N 11N 10N 9N 8N 7N 115816817818819820821822823824825826827828829830E

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

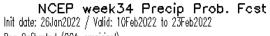
0.5 0.55 0.6 0.7 0.8

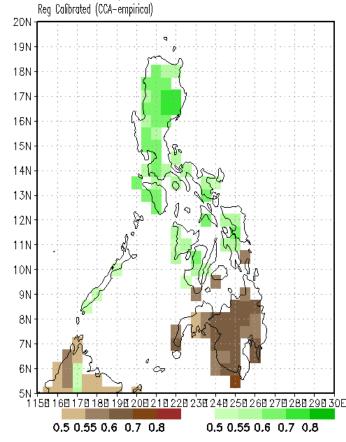
#### **PCA**



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

#### **CCA**





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

0.5 0.55 0.6 0.7 0.8

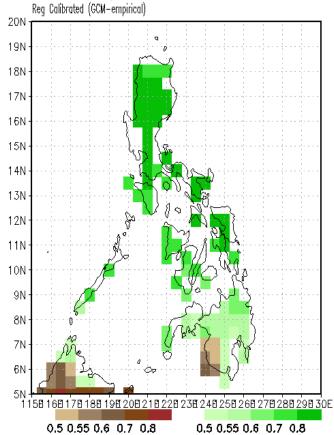
#### Idate: 26 January 2022

### **10 days Forecast**

Jan 27- Feb 04, 2022

#### **GCM**

NCEP 10days Precip Prob. Fcst Init date: 26Jan2022 / Valid: 27Jan2022 to 04Feb2022

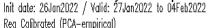


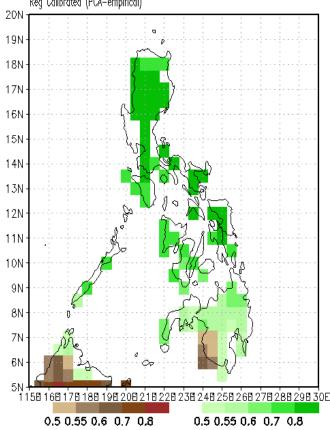
Probability of receiving above normal rainfall in most parts of the country is expected.

## The Weather and Climate Authority

#### **PCA**

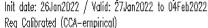
NCEP 10days Precip Prob. Fcst Init date: 26Jan2022 / Valid: 27Jan2022 to 04Feb2022

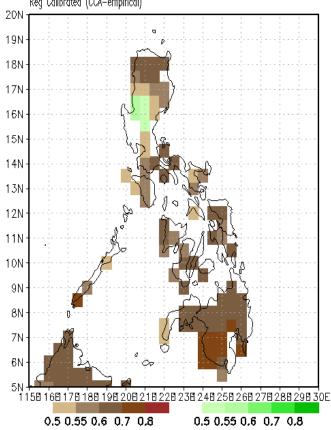




Probability of receiving above normal rainfall in most parts of the country is expected.

NCEP 10days Precip Prob. Fcst Init date: 26Jan2022 / Valid: 27Jan2022 to 04Feb2022





Probability of receiving below normal rainfall in most parts of the country except with patches of above normal in Central Luzon.

