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

# **NOAA's CPC International Desks**

CPT is using NCEP CFSv2 (Climate Forecast Systems V.2) forecasts. Initial condition: February 20, 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.

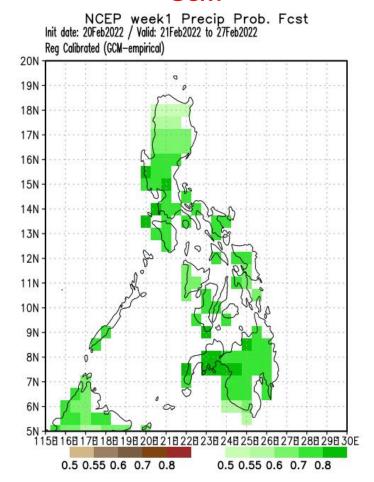




Rundate: 23 February 2022 Idate: 20 February 2022

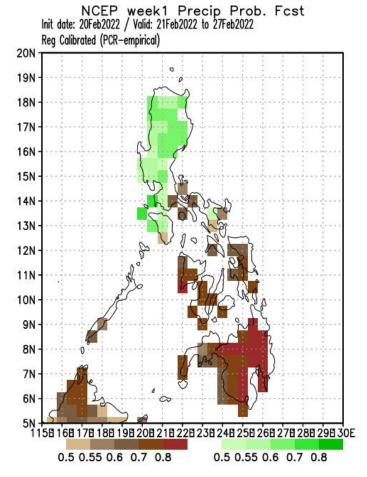
Feb 21-27, 2022

#### **GCM**



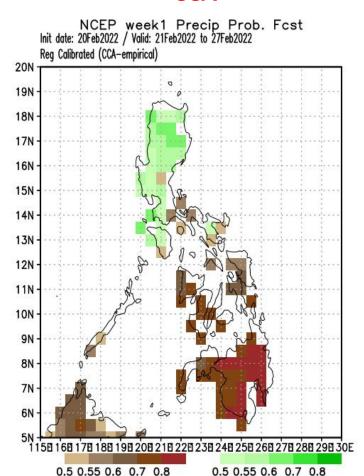
Probability of receiving above normal rainfall in most parts of the country is expected.

#### **PCA**



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

#### **CCA**



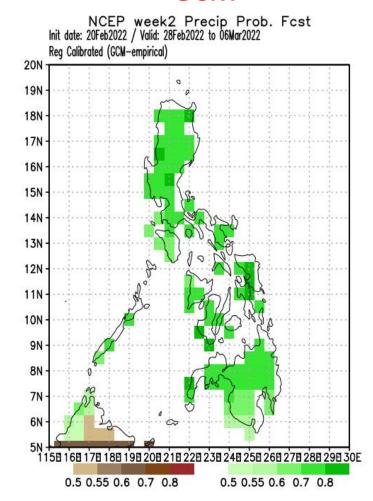
Probability of receiving below normal rainfall in most parts of CALABARZON, Visayas and Mindanao while the rest of Luzon will likely receive above normal rainfall.

Idate: 20 February 2022

**Week 2 Forecast** 

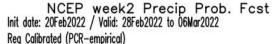
Feb 28- Mar 06, 2022

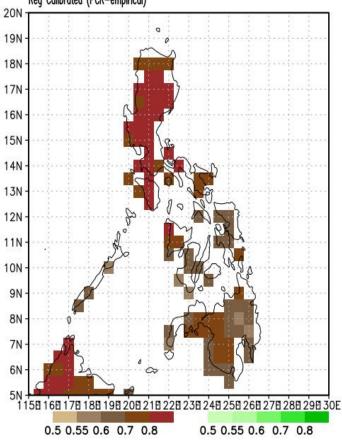
#### **GCM**



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

#### **PCA**

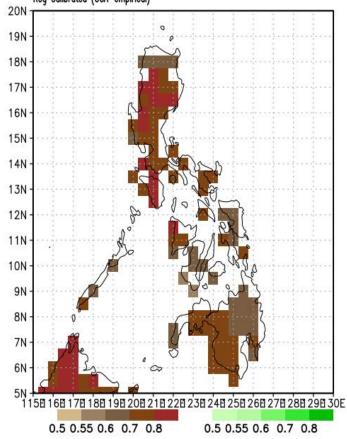




Probability of receiving below normal rainfall in most parts of the country is expected.

#### **CCA**

NCEP week2 Precip Prob. Fcst Init date: 20Feb2022 / Valid: 28Feb2022 to 06Mar2022 Reg Calibrated (CCA-empirical)



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

#### **Idate: 20 February 2022**

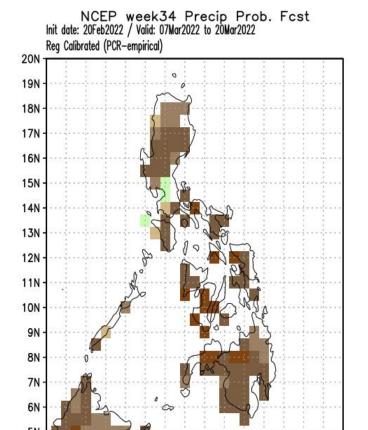
Week 3-4 Forecast Mar 07-20, 2022

#### **GCM**

NCEP week34 Precip Prob. Fcst Init date: 20Feb2022 / Valid: 07Mar2022 to 20Mar2022 Reg Calibrated (GCM-empirical) 19N 17N 16N 13N 12N 11N 10N 9N 8N 7N -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**



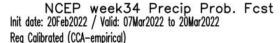
Probability of receiving below normal rainfall in most parts of the country is expected.

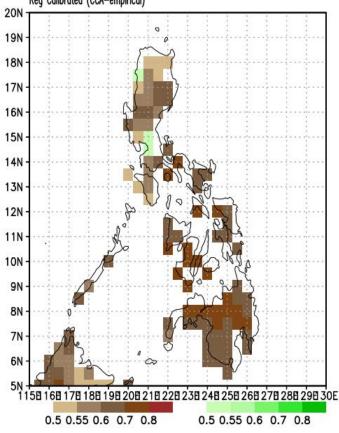
0.5 0.55 0.6 0.7 0.8

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

### **CCA**





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

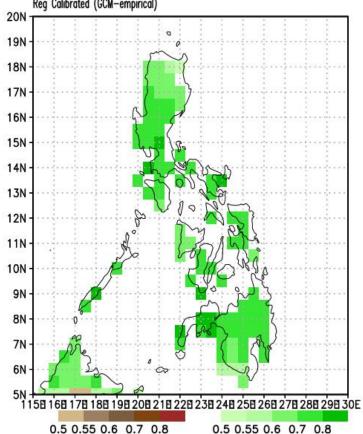
#### Idate: 20 February 2022

## **10 days Forecast**

# Feb 21- Mar 01, 2022

#### **GCM**

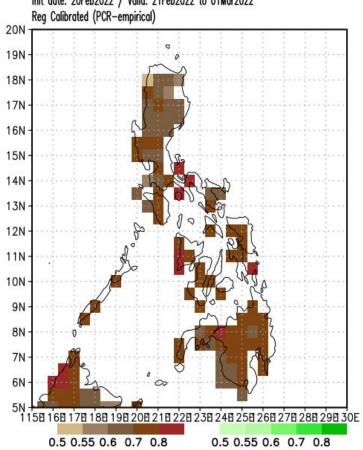
NCEP 10days Precip Prob. Fcst Init date: 20Feb2022 / Valid: 21Feb2022 to 01Mar2022 Reg Calibrated (GCM-empirical)



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

#### **PCA**

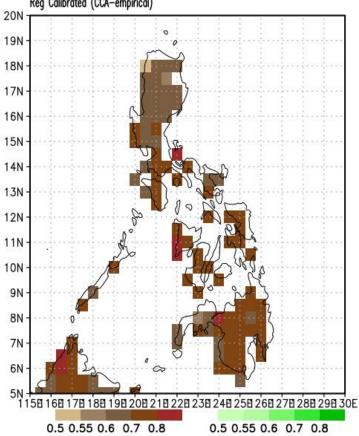
NCEP 10days Precip Prob. Fcst Init date: 20Feb2022 / Valid: 21Feb2022 to 01Mar2022



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

#### **CCA**

NCEP 10days Precip Prob. Fcst Init date: 20Feb2022 / Valid: 21Feb2022 to 01Mar2022 Reg Calibrated (CCA-empirical)



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



