# 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 19, 2023

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.



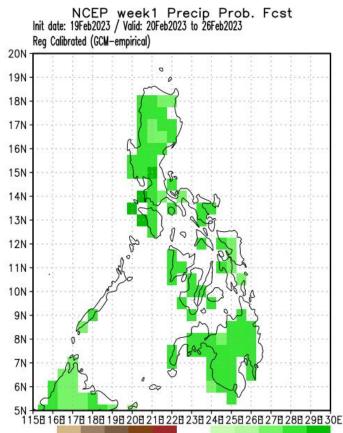


**Rundate: 23 February 2023** 

**Idate: 19 February 2022** 

Feb 20-26, 2023

#### **GCM**



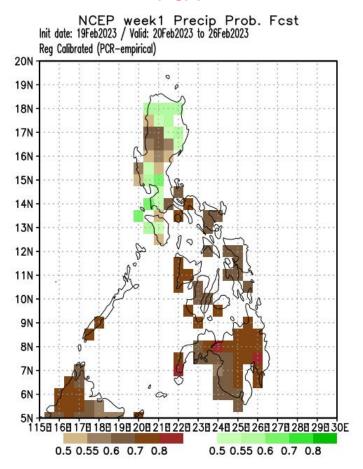
Probability of receiving above normal rainfall in most parts of the country.

0.5 0.55 0.6 0.7 0.8



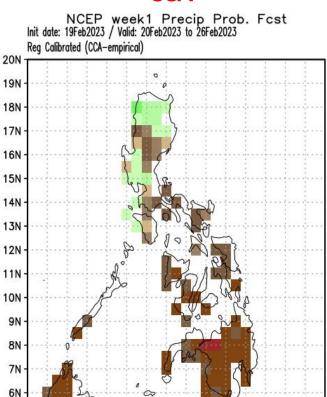
0.5 0.55 0.6 0.7 0.8

#### **PCA**



Probability of receiving below normal rainfall in most parts of the country except in some areas of above normal rainfall in northern, central & southern Luzon.

#### **CCA**



Probability of receiving below normal rainfall in most parts of the country except in some areas of above normal rainfall in northern, central & southern Luzon.

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

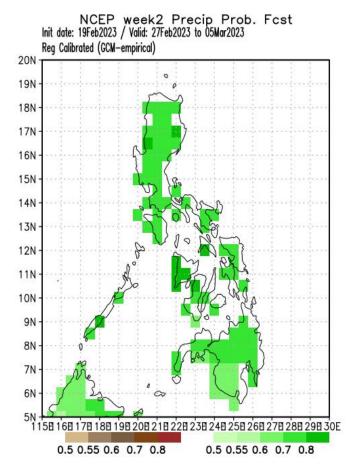
0.5 0.55 0.6 0.7 0.8

#### Idate: 19 February 2022

### Week 2 Forecast

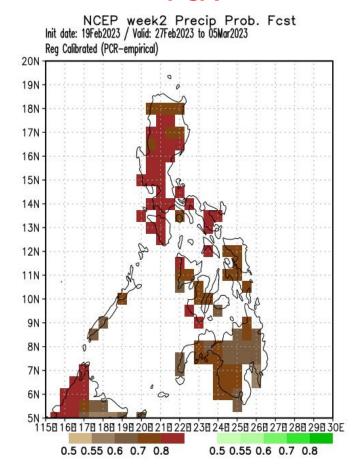
#### Feb 27-Mar 05, 2023

#### **GCM**



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

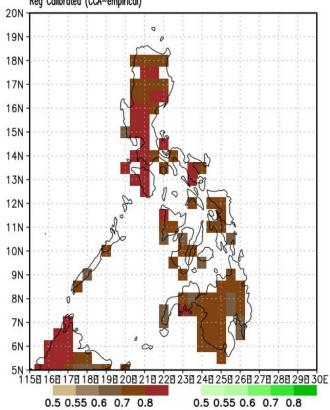
#### **PCA**



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

#### **CCA**





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

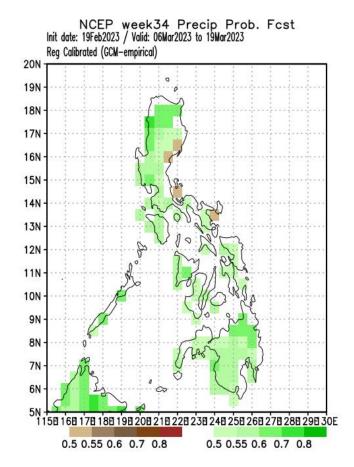




**Idate: 19 February 2022** 

Week 3-4 Forecast Mar 6-19, 2023

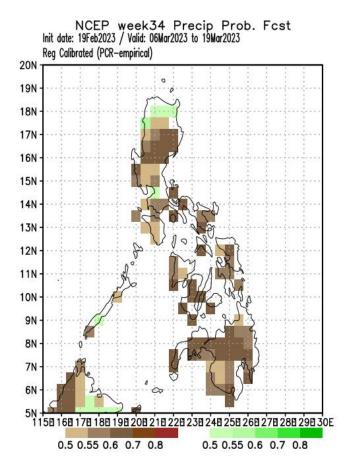
#### **GCM**



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

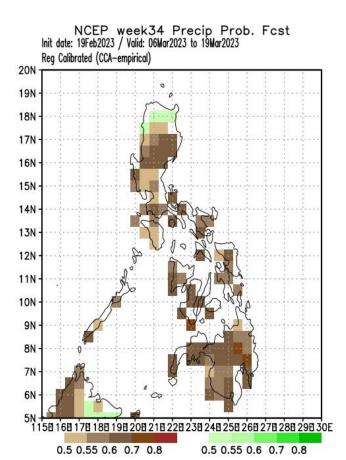


#### **PCA**



Probability of receiving below normal rainfall in most parts of the country except in some areas of above normal rainfall in northern Luzon.

#### **CCA**



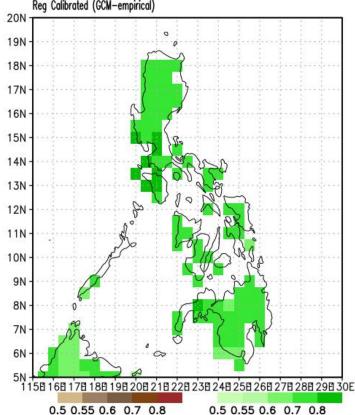
Probability of receiving below normal rainfall in most parts of the country except in some areas of above normal rainfall in northern Luzon.

#### Idate: 19 February 2022

## **10 days Forecast Feb 20-28, 2023**

#### **GCM**

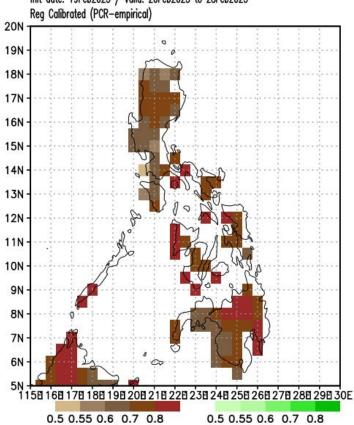
NCEP 10days Precip Prob. Fcst Init date: 19Feb2023 / Valid: 20Feb2023 to 28Feb2023 Reg Calibrated (GCM-empirical)



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

#### **PCA**

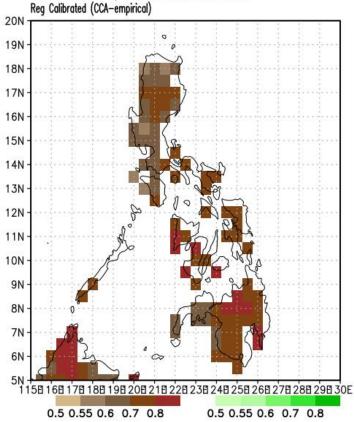
NCEP 10days Precip Prob. Fcst Init date: 19Feb2023 / Valid: 20Feb2023 to 28Feb2023 Rea Calibrated (PCR-empirical)



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

#### CCA

NCEP 10days Precip Prob. Fcst Init date: 19Feb2023 / Valid: 20Feb2023 to 28Feb2023



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



