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

**NOAA's CPC International Desks** 

CPT is using NCEP CFSv2 (Climate Forecast Systems V.2) forecasts. Initial condition: March 09, 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: 14 Mar 2022 Idate: 09 Mar 2022

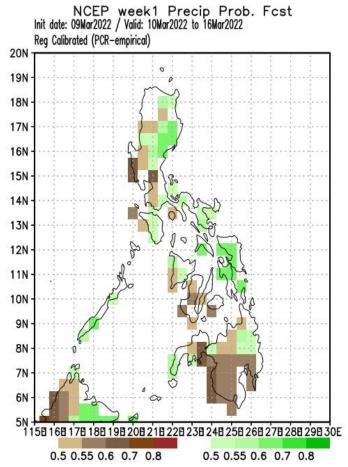
Mar 10-16, 2022

### **GCM**

NCEP week1 Precip Prob. Fcst Init date: 09Mar2022 / Valid: 10Mar2022 to 16Mar2022 Reg Calibrated (GCM-empirical) 17N 15N · 12N 11N 10N 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

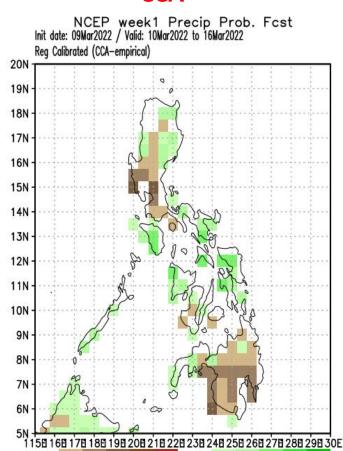
Probability of receiving below normal rainfall in most parts of Luzon & Visayas while Mindanao will likely receive above normal rainfall.

### **PCA**



Probability of receiving above normal rainfall in most parts of Luzon, Visayas and northern Mindanao (except with some patches of below normal) while the rest of Mindanao will likely receive below normal rainfall.

### **CCA**



Probability of receiving above normal rainfall in most parts of Luzon & Visayas (except with patches of below normal in central Luzon) while Mindanao will likely receive below normal rainfall.

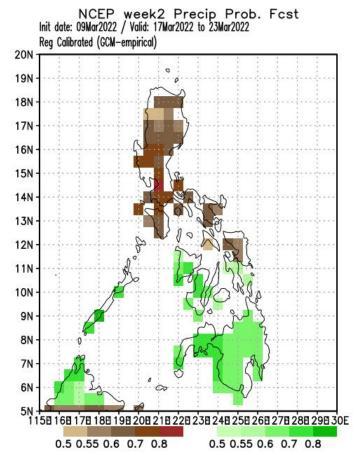
0.5 0.55 0.6 0.7 0.8

0.5 0.55 0.6 0.7 0.8

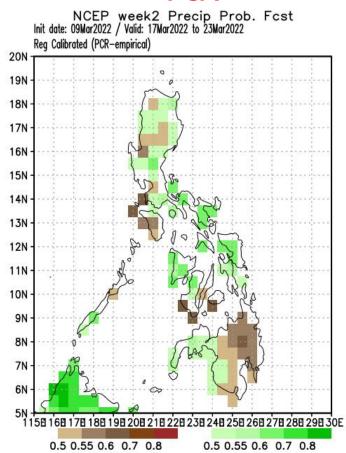
Idate: 09 Mar 2022

# **Week 2 Forecast** Mar 17-23, 2022

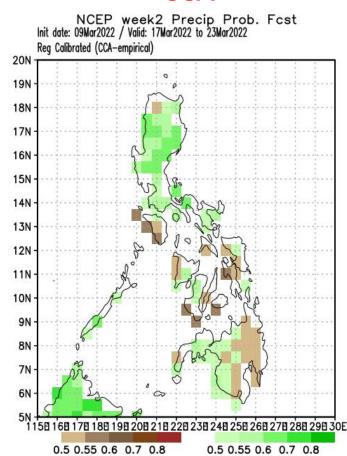
### **GCM**



Probability of receiving below normal rainfall in most parts of Luzon and Samar Provinces while the rest of the country will likely receive above normal rainfall.



Probability of receiving above normal rainfall in most parts of Luzon, Visayas and western Mindanao (except with some patches of below normal) while the rest of Mindanao will likely receive below normal rainfall.



Probability of receiving above normal rainfall in most parts of the country except with some patches of below normal rainfall in Visayas and ASA Mindanao.

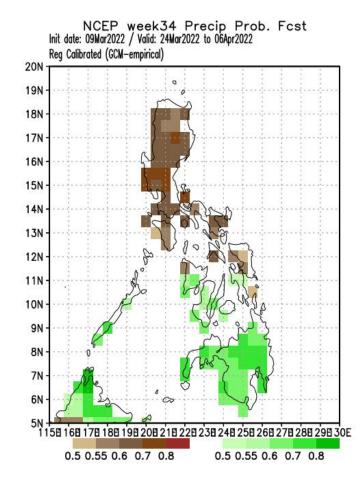




Idate: 09 Mar 2022

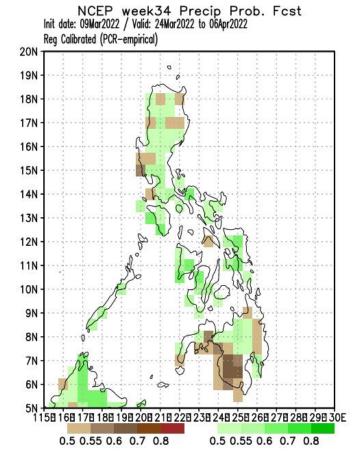
Week 3-4 Forecast Mar 24- 06 Apr, 2022

# **GCM**



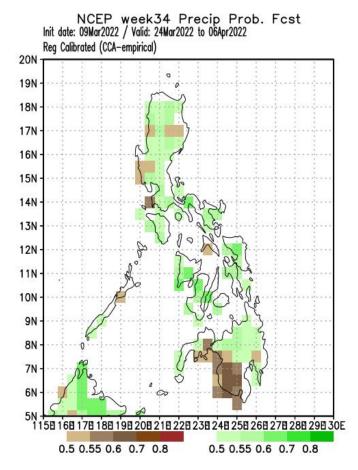
Probability of receiving below normal rainfall in most parts of Luzon and Samar Provinces while the rest of the country will likely receive above normal rainfall.

# **PCA**



Probability of receiving above normal rainfall in most parts of the country except with some patches of below normal rainfall in western Mindanao.

### **CCA**



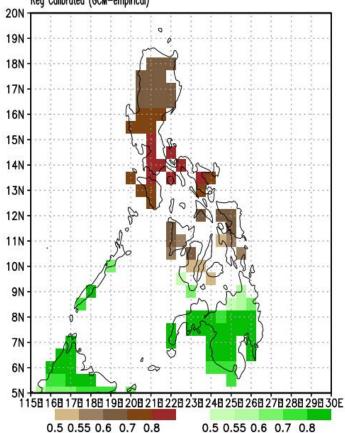
Probability of receiving above normal rainfall in most parts of the country except with some patches of below normal rainfall in western Mindanao.

**Idate: 09 Mar 2022** 

# 10 days Forecast Mar 10-18, 2022

### **GCM**

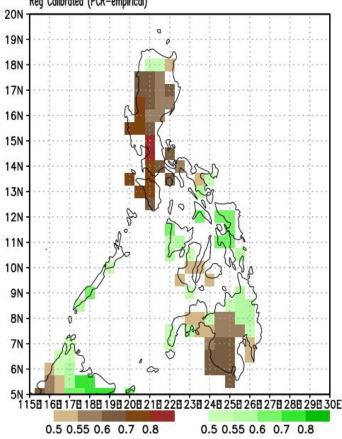
NCEP 10days Precip Prob. Fcst Init date: 09Mar2022 / Valid: 10Mar2022 to 18Mar2022 Reg Calibrated (GCM-empirical)



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

### PCA

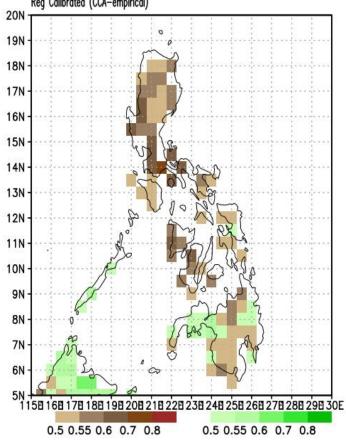
NCEP 10days Precip Prob. Fcst Init date: 09Mar2022 / Valid: 10Mar2022 to 18Mar2022 Rea Calibrated (PCR-empirical)



Probability of receiving above normal rainfall in most parts of Visayas and northern & eastern Mindanao while the rest of the country will likely receive below normal rainfall.

### **CCA**

NCEP 10days Precip Prob. Fcst Init date: 09Mar2022 / Valid: 10Mar2022 to 18Mar2022 Rea Calibrated (CCA-empirical)



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