CPT based Sub-Seasonal Forecasting (Philippines)

NOAA's CPC International Desks

CPT is using NCEP CFSv2 (Climate Forecast Systems V.2) forecasts. Initial condition: August 15, 2021

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: Aug 18, 2021 Idate: Aug 15, 2021

Week 1 Forecast

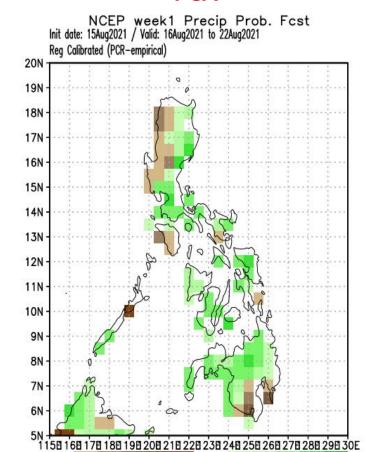
Aug 16-22, 2021

GCM

NCEP week1 Precip Prob. Fcst Init date: 15Aug2021 / Valid: 16Aug2021 to 22Aug2021 Reg Calibrated (GCM-empirical) 19N 18N 17N 16N · 15N -14N 13N · 12N 11N 10N · 9N -8N 7N 6N 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 northern half of Luzon, Mindoro, western Panay, Leyte and most parts of Mindanao while the rest of the country will likely receive above normal rainfall.

PCA

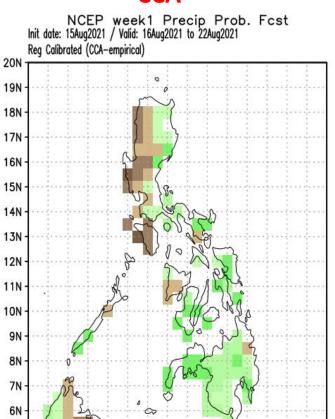


Probability of receiving above normal rainfall in most parts of the country is expected except with some patches of below normal in western Luzon, Mindoro and southern Mindanao.

0.5 0.55 0.6 0.7 0.8

0.5 0.55 0.6 0.7 0.8

CCA



Probability of receiving above normal rainfall in most parts of the country is expected except in western Luzon, Mindoro, Antique and Iloilo where below normal rainfall is more likely.

1158 168 178 188 198 208 218 228 238 248 258 268 278 288 298 30E

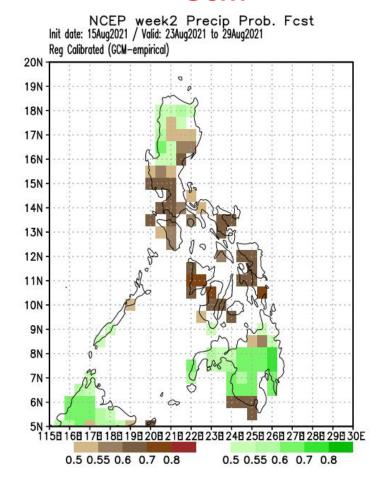
0.5 0.55 0.6 0.7 0.8

0.5 0.55 0.6 0.7 0.8

Idate: Aug 15, 2021

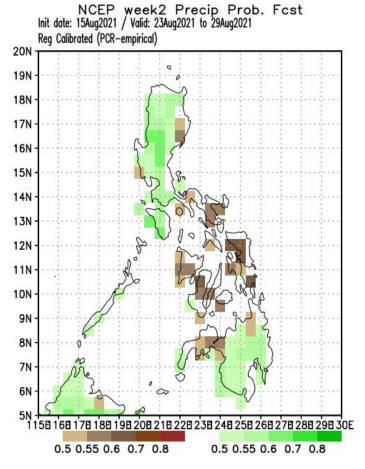
Week 2 Forecast Aug 23-29, 2021

GCM



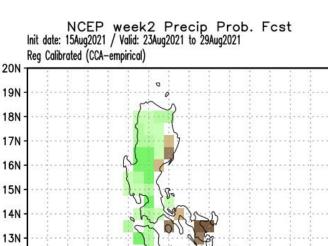
Probability of receiving below normal rainfall in Isabela, Quirino, Central & Southern Luzon and most parts of Visayas is expected while the rest of the country will likely receive above normal rainfall.

PCA



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

CCA



12N

11N

10N

9N

8N

7N 6N

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

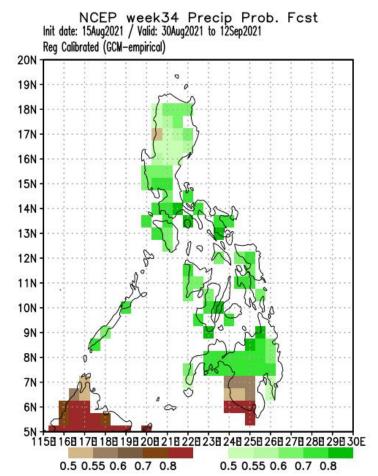
0.5 0.55 0.6 0.7 0.8

5N 15B 16B 17B 18B 19B 20B 21B 22B 23B 24B 25B 26B 27B 28B 29B 30E

0.5 0.55 0.6 0.7 0.8

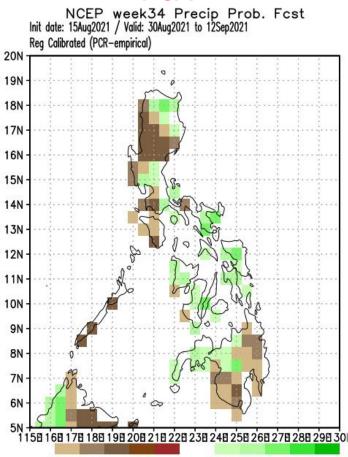
Idate: Aug 15, 2021 Week 3-4 Forecast Aug 30-Sep 12, 2021

GCM



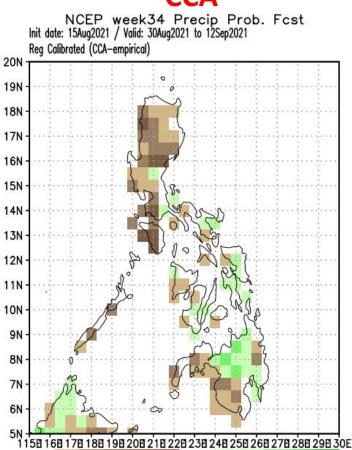
Probability of receiving above normal rainfall in most parts of the country is expected except in southwestern Mindanao where below normal rainfall is more likely.

PCA



Probability of receiving above normal rainfall in northeastern & Southern Luzon, most parts of Visayas and Northern Mindanao including Zamboanga Peninsula while the rest of the country will likely received below normal rainfall.

CCA

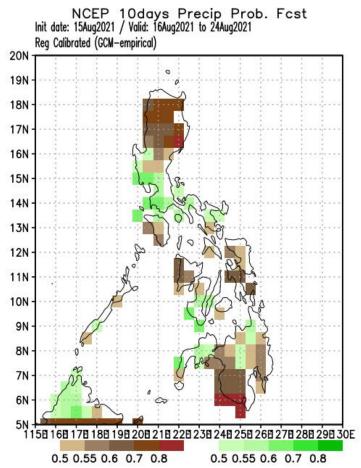


Probability of receiving below normal rainfall in most parts of Luzon, Iloilo, Antique and western Mindanao including Zamboanga Peninsula while the rest of the country will likely received above normal rainfall.

Idate: Aug 15, 2021

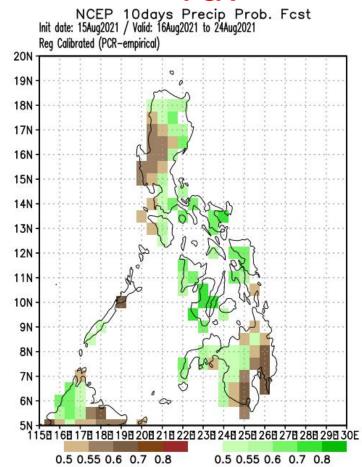
10 days Forecast Aug 16-24, 2021

GCM



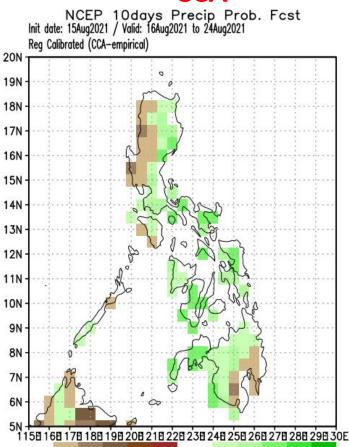
Probability of receiving below normal rainfall in northern half of Luzon, Mindoro, western Panay, Eastern Visayas and most parts of Mindanao while the rest of the country will likely receive above normal rainfall.

PCA



Probability of receiving above normal rainfall in most parts of the country is expected except in western Luzon and eastern Mindanao where below normal rainfall is more likely.

CCA



Probability of receiving above normal rainfall in most parts of the country is expected except in western Luzon and southeastern Mindanao Awhere below normal rainfall is more likely.

0.5 0.55 0.6 0.7 0.8

0.5 0.55 0.6 0.7 0.8