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 11, 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 16, 2021 Idate: Aug 11, 2021

Week 1 Forecast Aug 12-18, 2021

GCM

NCEP week1 Precip Prob. Fcst Init date: 11Aug2021 / Valid: 12Aug2021 to 18Aug2021 Reg Calibrated (GCM-empirical) 20N 19N 18N 17N 16N 15N 14N 13N 12N 11N 10N 9N 8N 7N

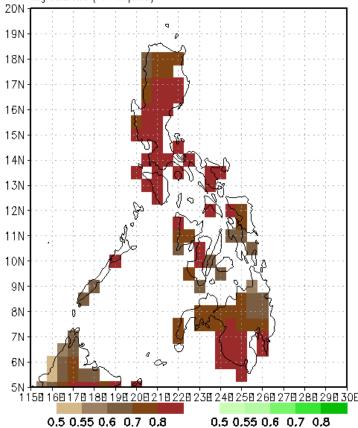
Probability of receiving below normal rainfall in most parts of the country is expected.

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

0.5 0.55 0.6 0.7 0.8

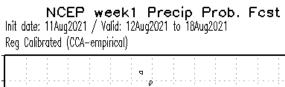
PCA

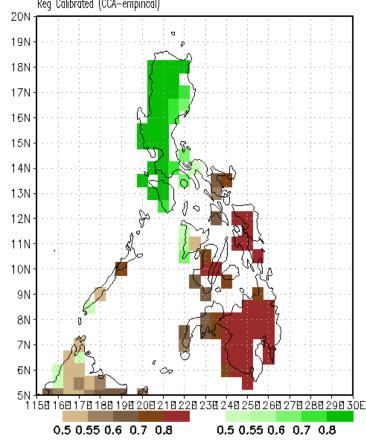
NCEP week1 Precip Prob. Fcst Init date: 11Aug2021 / Valid: 12Aug2021 to 18Aug2021 Reg Calibrated (PCA-empirical)



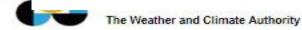
Probability of receiving below normal rainfall in most parts of the country is expected.







Probability of receiving above normal rainfall in most parts Luzon is expected (except Camarines Sur & Albay) while Visayas and Mindanao will likely receive below normal rainfall.



0.5 0.55 0.6 0.7 0.8

Idate: Aug 11, 2021

Week 2 Forecast Aug 19-25, 2021

GCM

NCEP week2 Precip Prob. Fcst
Init date: 11Aug2021 / Valid: 19Aug2021 to 25Aug2021
Reg Calibrated (GCM-empirical)

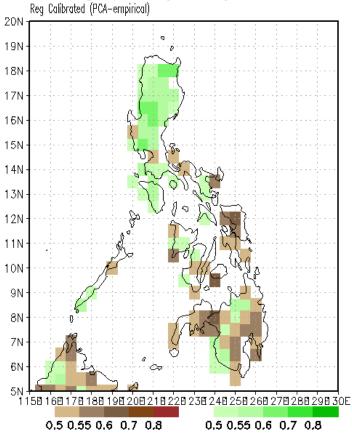
20N
19N
15N
15N
14N

17N 16N 15N 14N 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 below normal rainfall in Southern Luzon and most parts of Visayas is expected while the rest of the country will likely receive above normal rainfall.

PCA

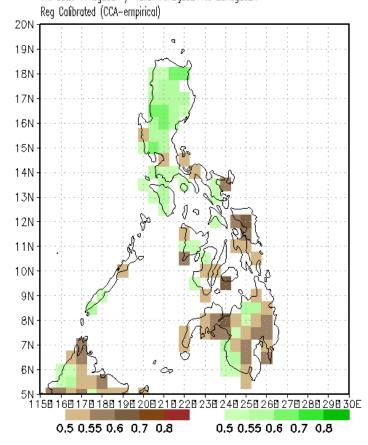
NCEP week2 Precip Prob. Fcst Init date: 11Aug2021 / Valid: 19Aug2021 to 25Aug2021



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

CCA

NCEP week2 Precip Prob. Fcst Init date: 11Aug2021 / Valid: 19Aug2021 to 25Aug2021

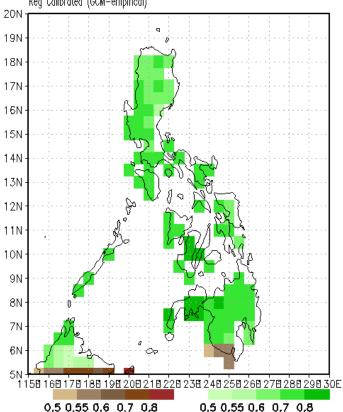


Probability of receiving above normal rainfall in Luzon is expected while most parts of Visayas and Mindanao will likely receive below normal rainfall.

Idate: Aug 11, 2021 Week 3-4 Forecast Aug 26-Sep 08, 2021

GCM

NCEP week34 Precip Prob. Fost Init date: 11Aug2021 / Valid: 26Aug2021 to 08Sep2021 Reg Calibrated (GCM-empirical)

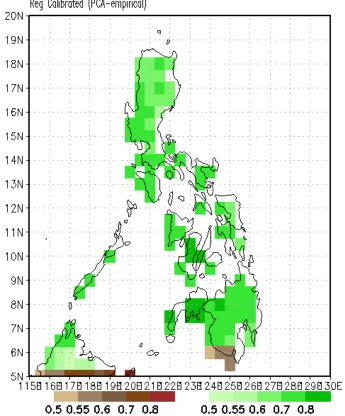


Probability of receiving above normal rainfall in most parts of the country is expected.

PCA

NCEP week34 Precip Prob. Fost Init date: 11Aug2021 / Valid: 26Aug2021 to 08Sep2021

Rea Calibrated (PCA-empirical)

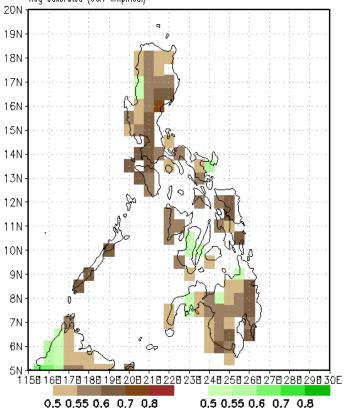


Probability of receiving above normal rainfall in most parts of the country is expected.

CCA

NCEP week34 Precip Prob. Fcst Init date: 11Aug2021 / Valid: 26Aug2021 to 08Sep2021

Reg Calibrated (CCA-empirical)



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





Idate: Aug 11, 2021

10 days Forecast Aug 12-20, 2021

GCM

NCEP 10days Precip Prob. Fcst Init date: 11Aug2021 / Valid: 12Aug2021 to 20Aug2021 Reg Calibrated (GCM-empirical) 20N 19N 18N 17N 16N 15N 14N 13N 12N 11N 10N 9N 8N 7N 6N 115816<u>817818819820</u>821822823824825826827828829830E

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

The Weather and Climate Authority

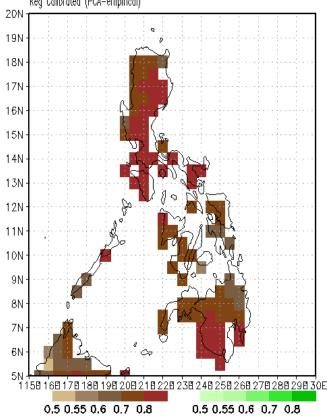
0.5 0.55 0.6 0.7 0.8

0.5 0.55 0.6 0.7 0.8

PCA

NCEP 10days Precip Prob. Fcst

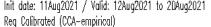
Init date: 11Aug2021 / Valid: 12Aug2021 to 2DAug2021 Reg Calibrated (PCA-empirical)

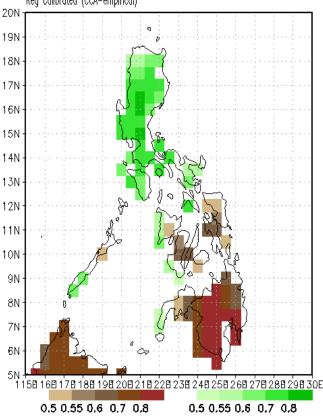


Probability of receiving below normal rainfall in most parts of the country is expected.

CCA

NCEP 10days Precip Prob. Fcst Init date: 11Aug2021 / Valid: 12Aug2021 to 20Aug2021





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

