CPT based Sub-Seasonal Forecasting (Philippines)

NOAA's CPC International Desks

CPT is using NCEP CFSv2 (Climate Forecast Systems V.2) forecasts. Initial condition: December 05, 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.





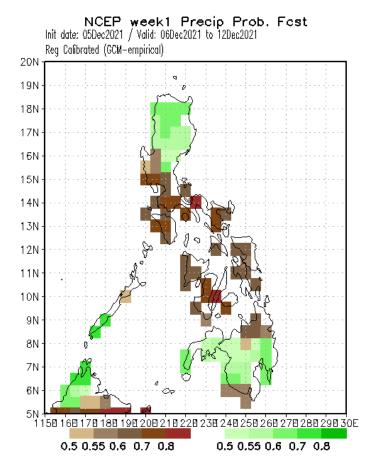
Rundate: 09 December 2021

Idate: Dec 05, 2021

Week 1 Forecast

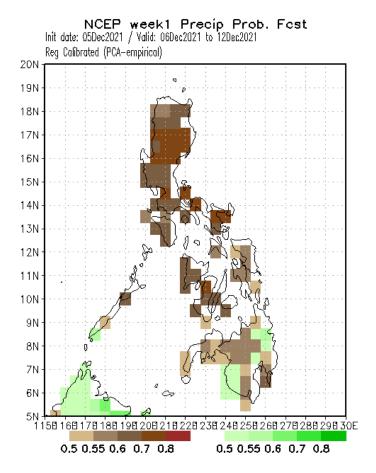
Dec 06-12, 2021

GCM



Probability of receiving above normal rainfall in most parts of Northern & Central Luzon and most parts of Mindanao while the rest of the country will likely receive below normal rainfall.

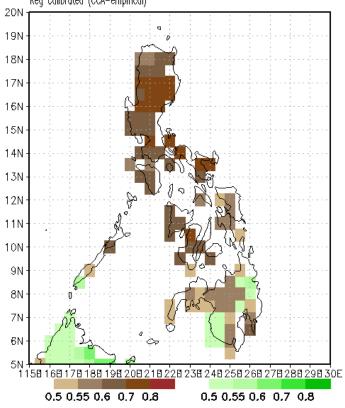
PCA



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: Dec 05, 2021

Week 2 Forecast Dec 13-19, 2021

GCM

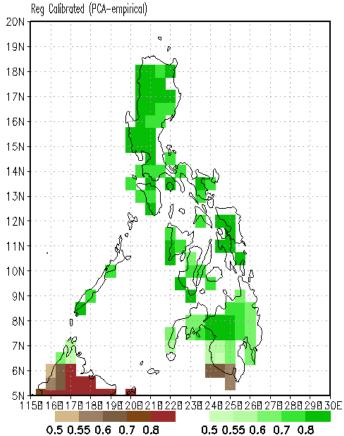
NCEP week2 Precip Prob. Fcst Init date: 05Dec2021 / Valid: 13Dec2021 to 19Dec2021 Reg Calibrated (GCM-empirical) 19N 18N 16N 15N 14N 12N 11N 10N 9N: 8N: 7N ·

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

0.5 0.55 0.6 0.7 0.8

PCA

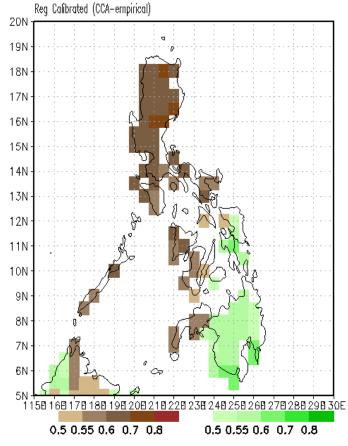
NCEP week2 Precip Prob. Fcst Init date: 05Dec2021 / Valid: 13Dec2021 to 19Dec2021



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

CCA

NCEP week2 Precip Prob. Fcst Init date: 05Dec2021 / Valid: 13Dec2021 to 19Dec2021



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



0.5 0.55 0.6 0.7 0.8

Idate: Dec 05, 2021 Week 3-4 Forecast Dec 20- Jan 02, 2021

GCM

NCEP week34 Precip Prob. Fost Init date: 05Dec2021 / Valid: 20Dec2021 to 02Jan2022 Reg Calibrated (GCM-empirical) 19N 18N 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

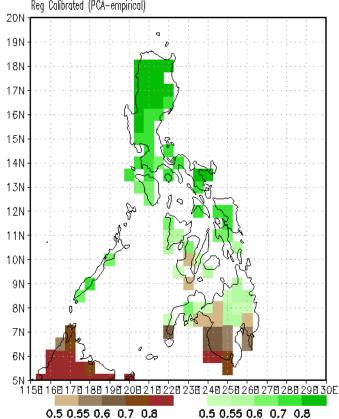
Probability of receiving above normal rainfall in most parts of the country except in southern Mindanao where below normal rainfall is more likely.

0.5 0.55 0.6 0.7 0.8

0.5 0.55 0.6 0.7 0.8

PCA

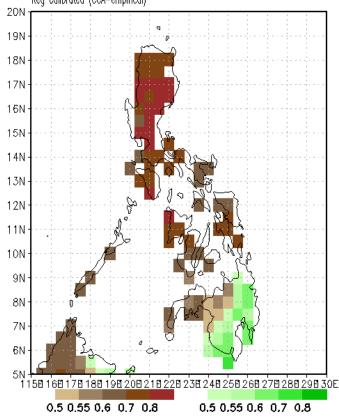
NCEP week34 Precip Prob. Fast Init date: 05Dec2021 / Valid: 20Dec2021 to 02Jan2022 Reg Calibrated (PCA-empirical)



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

CCA

NCEP week34 Precip Prob. Fast Init date: 05Dec2021 / Valid: 20Dec2021 to 02Jan2022
Rea Calibrated (CCA-empirical)



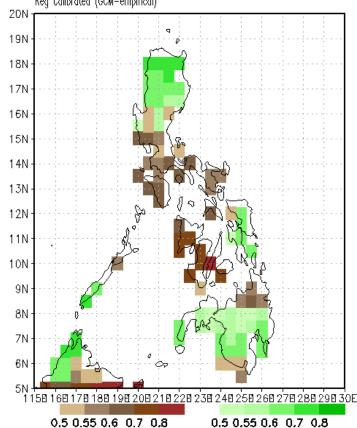
Probability of receiving below normal rainfall in most parts of Luzon and Visayas and Zamboanga Peninsula while the rest of Mindanao will likely receive above normal rainfall.

Idate: Dec 05, 2021

10 days Forecast Dec 06 - 14, 2021

GCM

NCEP 10days Precip Prob. Fcst Init date: 05Dec2021 / Valid: 06Dec2021 to 14Dec2021 Reg Calibrated (GCM-empirical)

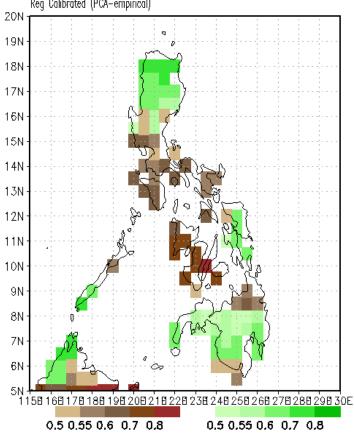


Probability of receiving above normal rainfall in most parts of Northern & Central Luzon, Eastern Visayas and most parts of Mindanao while the rest of the country will likely receive below normal rainfall.

PCA

NCEP 10days Precip Prob. Fost Init date: 05Dec2021 / Valid: 06Dec2021 to 14Dec2021

Init date: 05Dec2021 / Valid: 06Dec2021 to 14Dec2021 Req Calibrated (PCA-empirical)



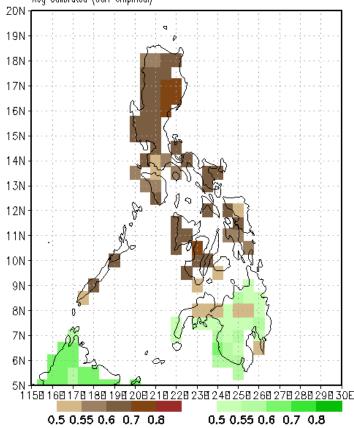
Probability of receiving above normal rainfall in most parts of Northern & Central Luzon, Eastern Visayas and most parts of Mindanao while the rest of the country will likely receive below normal rainfall.

CCA

NCEP 10days Precip Prob. Fost

Init date: 05Dec2021 / Valid: 06Dec2021 to 14Dec2021

Reg Calibrated (CCA-empirical)



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