CPT based Sub-Seasonal Forecasting (Philippines)

NOAA's CPC International Desks

CPT is using NCEP CFSv2 (Climate Forecast Systems V.2) forecasts. Initial condition: October 13, 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.





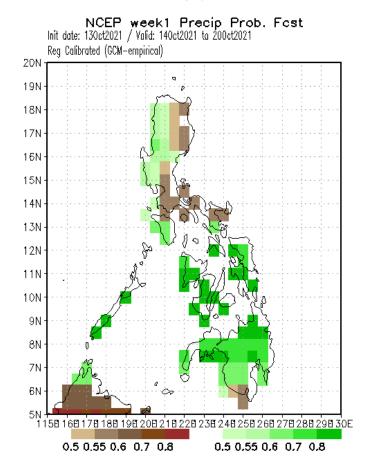
Rundate: October 14, 2021

Idate: Oct 10, 2021

Week 1 Forecast

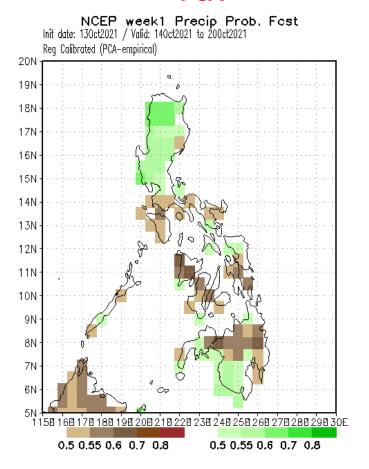
Oct 14-20, 2021

GCM



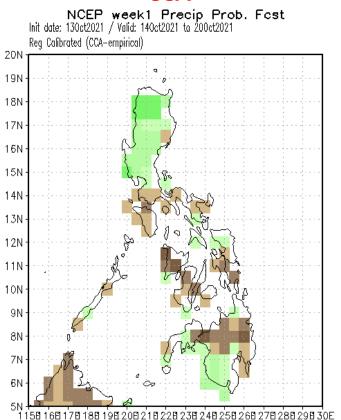
Probability of receiving above normal rainfall in most parts of western Luzon, Visayas and Mindanao while the rest of Luzon will likely receive below normal rainfall.

PCA



Probability of receiving below normal rainfall in Southern Luzon, Western & Central Visayas and northern Mindanao while the rest of the country will likely receive above normal rainfall.

CCA



Probability of receiving below normal rainfall in Southern Luzon, Western & Central Visayas and northern Mindanao while the rest of the country [A will likely receive above normal rainfall.

0.5 0.55 0.6 0.7 0.8

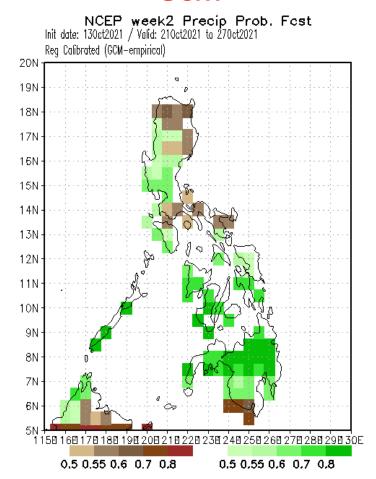
0.5 0.55 0.6 0.7 0.8



Idate: Oct 10, 2021

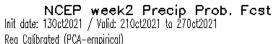
Week 2 Forecast Oct 21-27, 2021

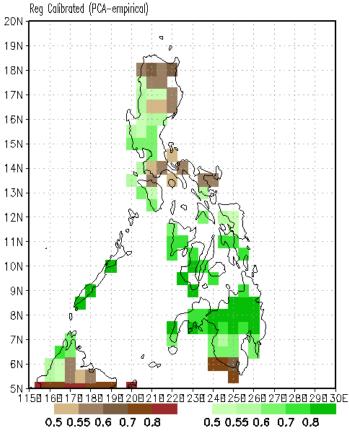
GCM



Probability of receiving above normal rainfall in most parts of the country except in Northern & Southern Luzon during the forecast period.

PCA

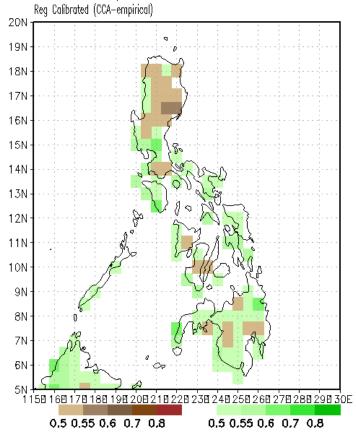




Probability of receiving above normal rainfall in most parts of the country except in Northern & Southern Luzon

CCA

NCEP week2 Precip Prob. Fcst Init date: 130ct2021 / Valid: 210ct2021 ta 270ct2021



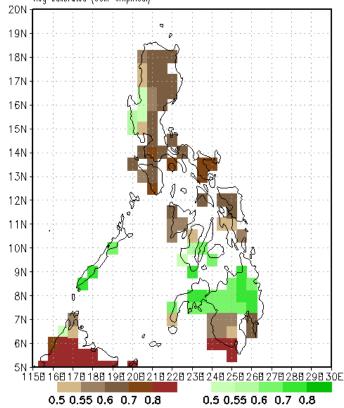
Probability of receiving above normal rainfall in most parts of the country except with patches of below normal rainfall specially in Luzon during the forecast period.



Idate: Oct 10, 2021 Week 3-4 Forecast Oct 28-Nov 10, 2021

GCM

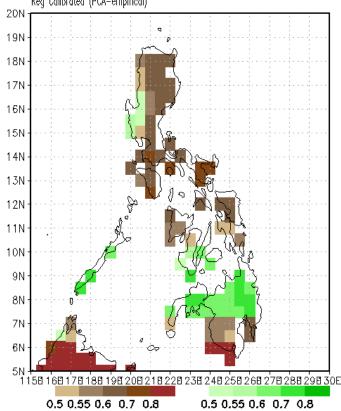
NCEP week34 Precip Prob. Fost Init date: 130ct2021 / Valid: 280ct2021 to 10Nov2021 Reg Calibrated (GCM-empirical)



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

NCEP week34 Precip Prob. Fcst Init date: 130ct2021 / Valid: 280ct2021 to 10Nov2021

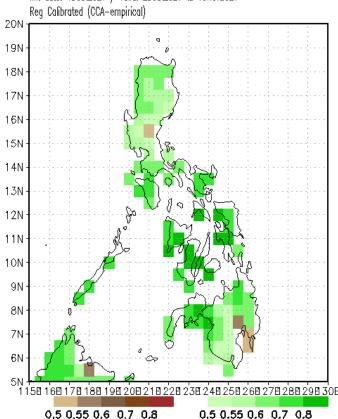
Reg Calibrated (PCA-empirical)



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

CCA

NCEP week34 Precip Prob. Fost Init date: 130ct2021 / Valid: 280ct2021 to 10Nov2021



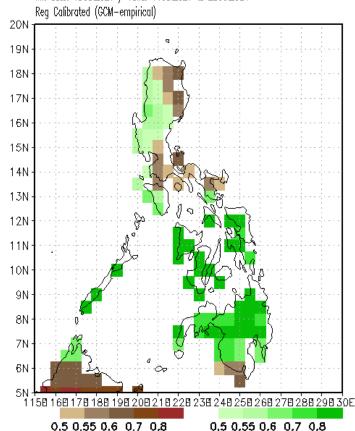
Probability of receiving above normal rainfall in most parts of the country during the forecast period.

Idate: Oct 10, 2021

10 days Forecast Oct 14-22, 2021

GCM

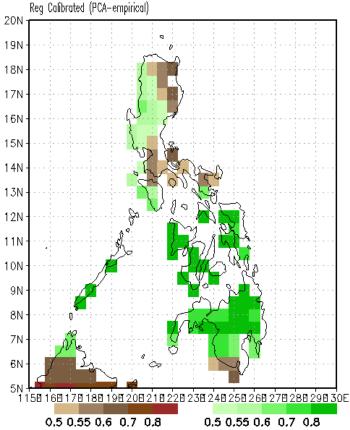
NCEP 10days Precip Prob. Fcst Init date: 130ct2021 / Valid: 140ct2021 to 220ct2021



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

PCA

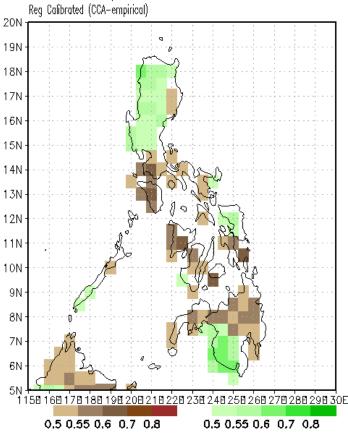
NCEP 10days Precip Prob. Fest Init date: 130ct2021 / Valid: 140ct2021 to 220ct2021



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

CCA

NCEP 10days Precip Prob. Fcst Init date: 130ct2021 / Volid: 140ct2021 to 220ct2021



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