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 24, 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.





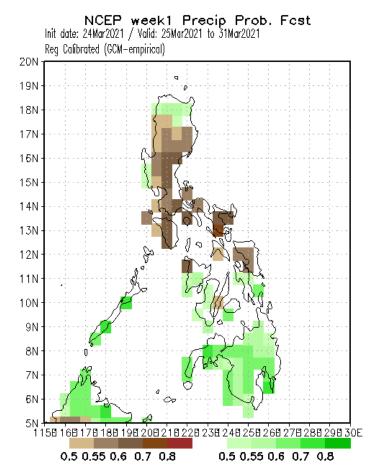
Rundate: April 01, 2021

Idate: Mar 24, 2021

Week 1 Forecast

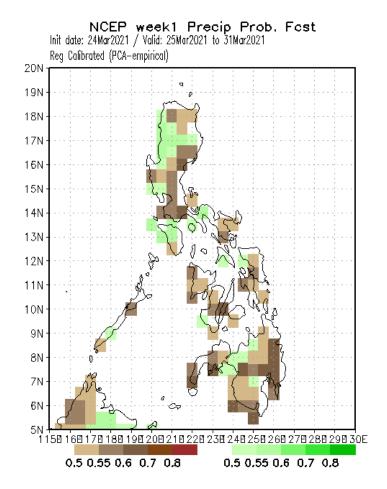
Mar 25-31, 2021

GCM



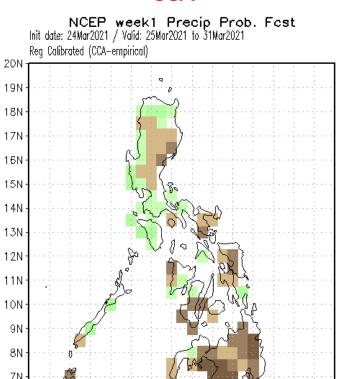
Probability of receiving below normal rainfall in most parts of Luzon and Eastern Visayas while the rest of the country will likely received above normal rainfall.

PCA



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

CCA



Probability of receiving below normal rainfall in most parts of the country is expected except with some patches of above normal rainfall in northern & southern Luzon.

0.5 0.55 0.6 0.7 0.8

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

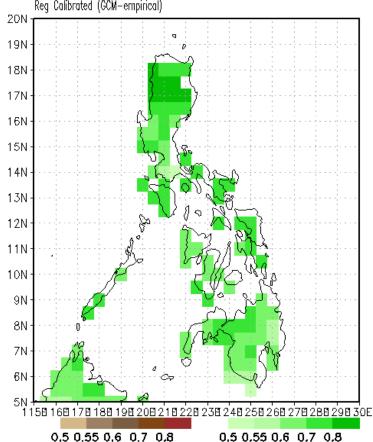
0.5 0.55 0.6 0.7 0.8

Idate: Mar 24, 2021

Week 2 Forecast Apr 01-07, 2021

GCM

NCEP week2 Precip Prob. Fost Init date: 24Mar2021 / Valid: 01Apr2021 to 07Apr2021 Reg Calibrated (GCM-empirical)



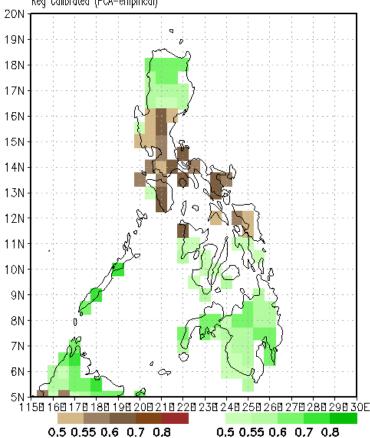
Probability of receiving above normal rainfall in most parts of the country is expected.

The Weather and Climate Authority

PCA

NCEP week2 Precip Prob. Fcst Init date: 24Mar2021 / Valid: 01Apr2021 to 07Apr2021

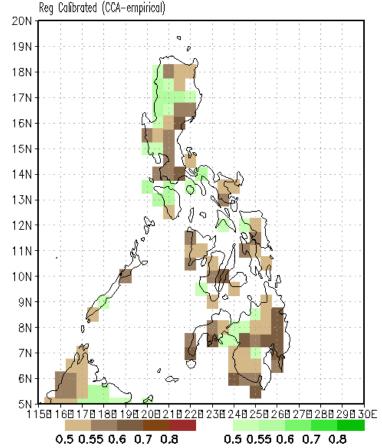
Reg Calibrated (PCA-empirical)



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

CCA

NCEP week2 Precip Prob. Fcst Init date: 24Mar2021 / Valid: 01Apr2021 to 07Apr2021



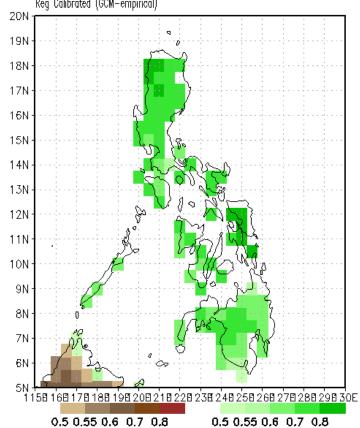
Probability of receiving below normal rainfall in most parts of the country except in western X parts of Luzon where above normal rainfall is more likely.

Idate: Mar 24, 2021

Week 3-4 Forecast Apr 08-21, 2021

GCM

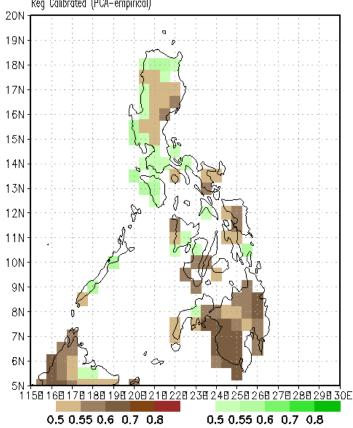
NCEP week34 Precip Prob. Fost Init date: 24Mar2021 / Valid: 08Apr2021 to 21Apr2021 Reg Calibrated (GCM-empirical)



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

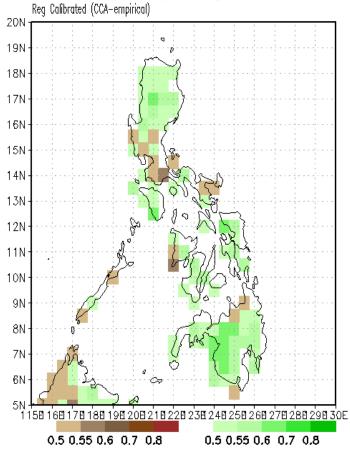
NCEP week34 Precip Prob. Fcst Init date: 24Mar2021 / Valid: 08Apr2021 to 21Apr2021

Reg Calibrated (PCA-empirical)



Probability of receiving below normal rainfall in most parts of the country is expected except with some patches of above normal rainfall in northern & southern Luzon and central Visayas.

NCEP week34 Precip Prob. Fost Init date: 24Mar2021 / Valid: 08Apr2021 to 21Apr2021

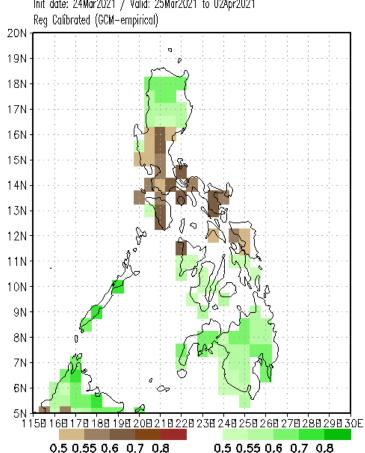


Probability of receiving above normal rainfall in most parts of the country is expected except with some patches of below normal in southern parts of Luzon.

Idate: Mar 24, 2021

10 days Forecast Mar 25-Apr02, 2021 GCM

NCEP 10days Precip Prob. Fcst Init date: 24Mar2021 / Valid: 25Mar2021 to 02Apr2021

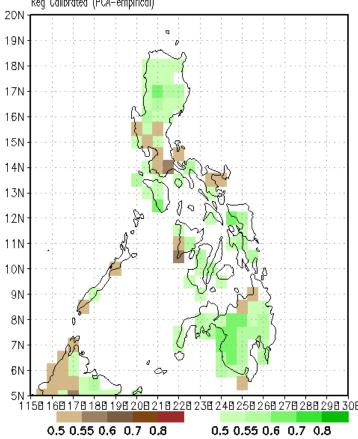


Probability of receiving above normal rainfall in most parts of the country is expected except in southern half of Luzon and eastern Visayas where below normal rainfall is more likely.

PCA

NCEP 10days Precip Prob. Fost

Init date: 24Mar2021 / Valid: 25Mar2021 to 02Apr2021 Reg Calibrated (PCA-empirical)

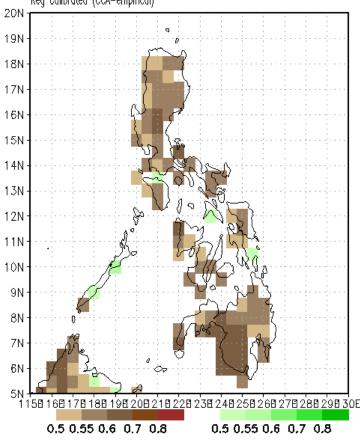


Probability of receiving above normal rainfall in most parts of the country is expected except with some patches of below normal rainfall in southern parts of Luzon.

CCA

NCEP 10days Precip Prob. Fost Init date: 24Mar2021 / Valid: 25Mar2021 to 02Apr2021

Init date: 24Mar2021 / Valid: 25Mar2021 to 02Apr2021 Req Calibrated (CCA-empirical)



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

