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 18, 2020

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: Mar. 22, 2020

Idate: Mar 18, 2020

Week 1 Forecast Mar 19-25, 2020



Init date: 18Mar2020 / Valid: 19Mar2020 to 25Mar2020 Reg Calibrated (GCM-empirical) 19N · 15N 11N 10N 7N -6N 1158 168 178 188 198 208 218 228 238 248 258 268 278 288 298 3

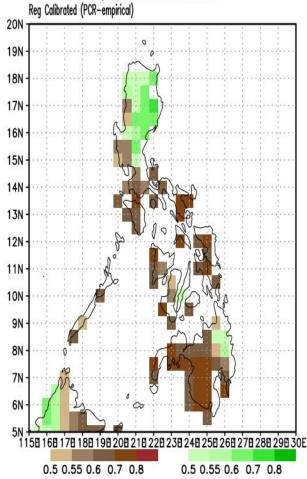
Probability of receiving near to above normal rainfall in most parts of the country is expected.

0.5 0.55 0.6 0.7 0.8

0.5 0.55 0.6 0.7 0.8

PCA

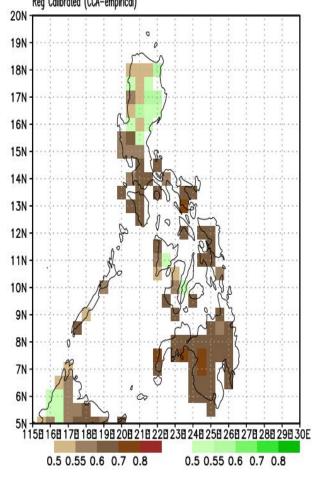
NCEP week1 Precip Prob. Fcst Init date: 18Mar2020 / Valid: 19Mar2020 to 25Mar2020 Rea Calibrated (PCR-empirical)



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

CCA

NCEP week1 Precip Prob. Fcst Init date: 18Mar2020 / Valid: 19Mar2020 to 25Mar2020 Reg Calibrated (CCA-empirical)



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

Idate: Mar 18, 2020

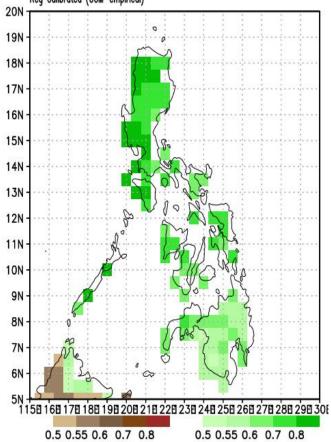
Week 2 Forecast

GCM

Mar 26-Apr 1, 2020 NCEP week2 Precip Prob. Fcst Init date: 18Mar2020 / Valid: 26Mar2020 to 01Apr2020

Init date: 18Mar2020 / Valid: 26Mar2020 to 01Apr2020

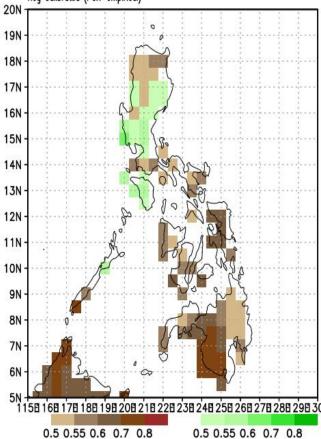
Reg Calibrated (GCM-empirical)



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

PCA

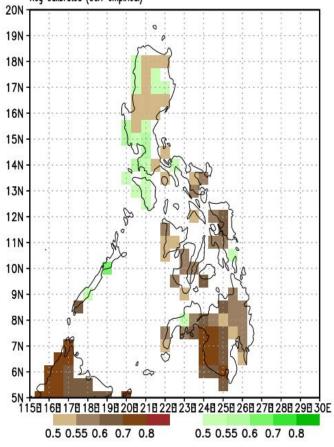
NCEP week2 Precip Prob. Fcst Init date: 18Mar2020 / Valid: 26Mar2020 to 01Apr2020 Reg Calibrated (PCR-empirical)



Probability of receiving below normal rainfall in northern Luzon, Visayas and Mindanao is expected while the rest of the country will likely receive above normal rainfall.

CCA

NCEP week2 Precip Prob. Fcst Init date: 18Mar2020 / Valid: 26Mar2020 to 01Apr2020 Reg Calibrated (CCA-empirical)



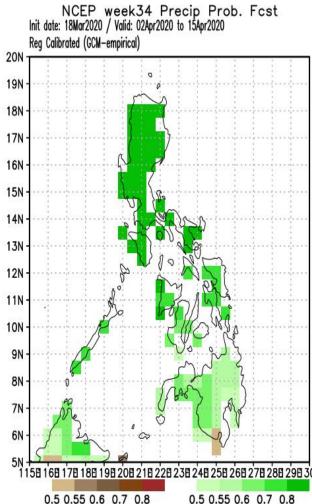
Probability of receiving below normal rainfall in Cagayan, CAR, most parts of Visayas and Mindanao is expected while the rest of the country will likely receive above normal rainfall.

Idate: Mar 15, 2020

Week 3-4 Forecast

Apr 2- 15, 2020

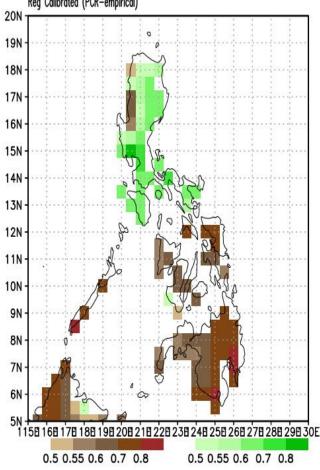
GCM



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

PCA

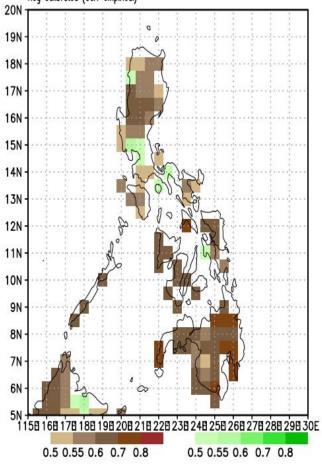
NCEP week34 Precip Prob. Fcst Init date: 18Mar2020 / Valid: 02Apr2020 to 15Apr2020 Reg Calibrated (PCR-empirical)



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

CCA

NCEP week34 Precip Prob. Fcst Init date: 18Mar2020 / Valid: 02Apr2020 to 15Apr2020 Reg Calibrated (CCA-empirical)



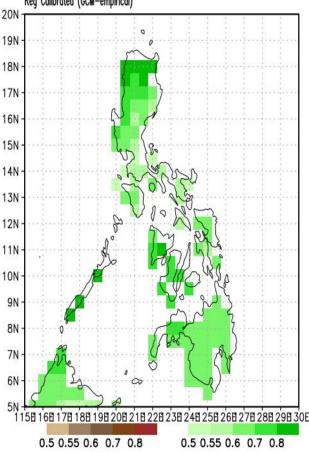
Probability of receiving below normal rainfall in most parts of the country is expected.

Idate: Mar 15, 2020

10 days Forecast Mar 19-27, 2020

GCM

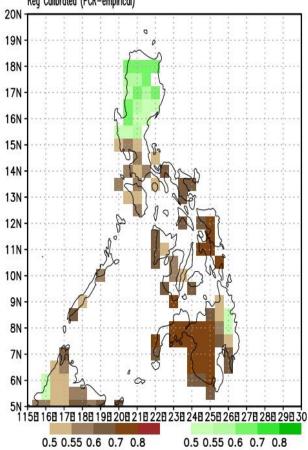
NCEP 10days Precip Prob. Fcst Init date: 18Mar2020 / Valid: 19Mar2020 to 27Mar2020 Reg Calibrated (GCM-empirical)



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

PCA

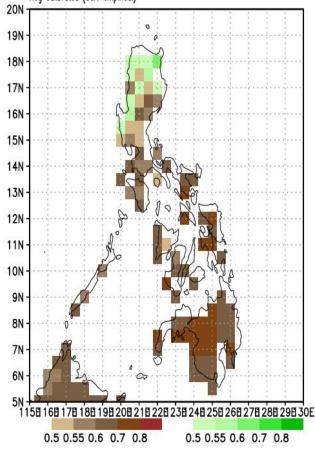
NCEP 10days Precip Prob. Fcst Init date: 18Mar2020 / Valid: 19Mar2020 to 27Mar2020 Reg Calibrated (PCR-empirical)



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

CCA

NCEP 10days Precip Prob. Fcst Init date: 18Mar2020 / Valid: 19Mar2020 to 27Mar2020 Reg Calibrated (CCA-empirical)



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