CPT based Sub-Seasonal Forecasting (Philippines)

NOAA's CPC International Desks

CPT is using NCEP CFSv2 (Climate Forecast Systems V.2) forecasts. Initial condition: Jan 13, 2020

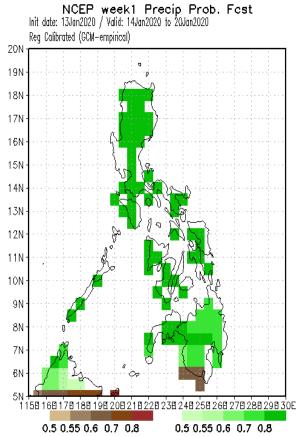
The legend is interpreted as probability of below average rainfall for the brown shaded color and probability of above-average rainfall for green shaded color.

Rundate: Jan. 16 2020

GCM

Idate: Jan 13, 2020

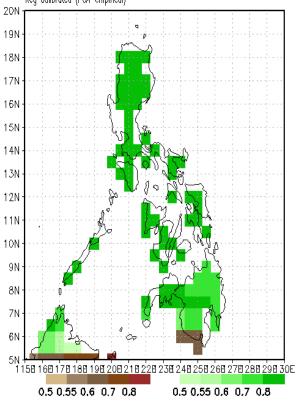
Week 1 Forecas ^{20N}
Jan 14–20, 2020 ^{19N}
_{18N}



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

PCA

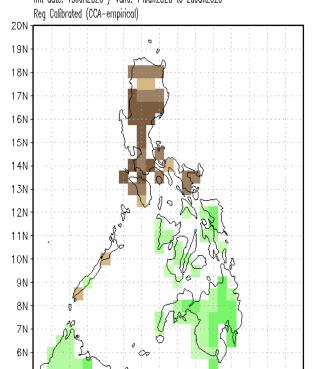
NCEP week1 Precip Prob. Fost Init date: 13Jan2020 / Valid: 14Jan2020 to 20Jan2020 Reg Calibrated (PCA-empirical)



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

CCA

NCEP week1 Precip Prob. Fcst Init date: 13Jan2020 / Valid: 14Jan2020 to 26Jan2020



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

11158 168 178 188 198 208 218 228 238 248 258 268 278 288 298 30E

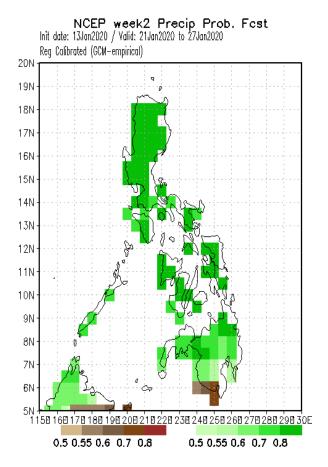
0.5 0.55 0.6 0.7 0.8

0.5 0.55 0.6 0.7 0.8

Idate: Jan 13, 2019

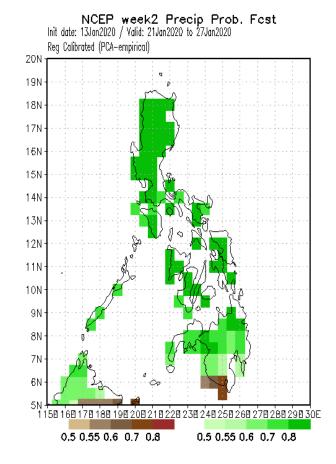
Week 2 Forecast Jan 21-27, 2020

GCM



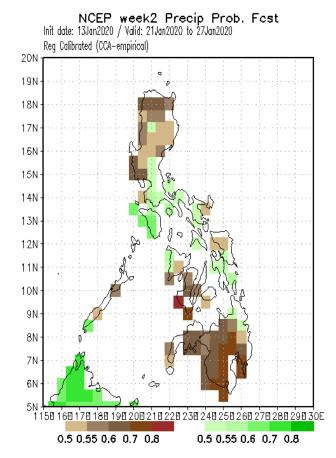
Probability of receiving above normal rainfall in most parts of the country is expected.

PCA



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

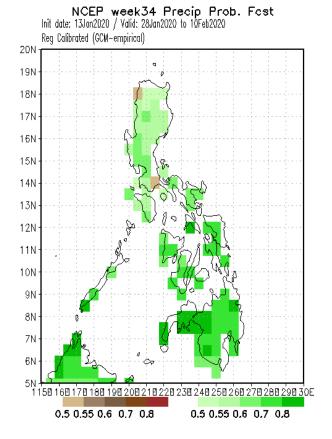
CCA

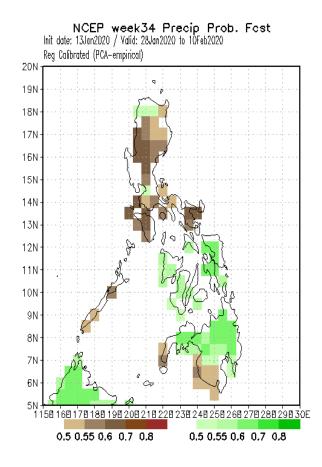


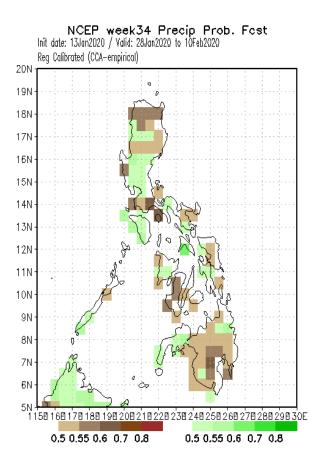
Probability of receiving near to below normal rainfall in most parts of the country is expected.

Idate: Jan 13, 2020

Week 3-4 Forecast Jan 28 – Feb 10, 2020







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

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

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

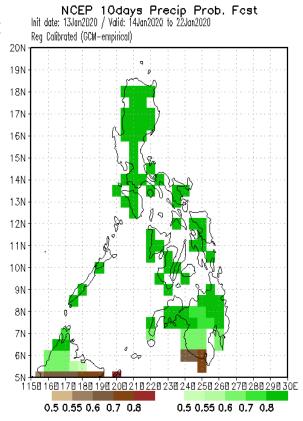
GCM

PCA

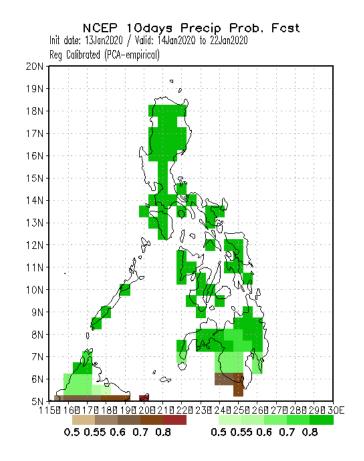
CCA

Idate: Jan 13, 2020

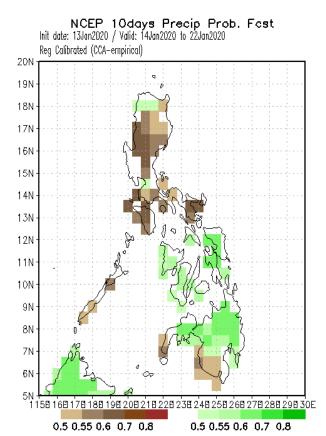
10 days Forecast Jan 14-22, 2019



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



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



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