CPT based Sub-Seasonal Forecasting (Philippines)

NOAA's CPC International Desks

CPT is using NCEP CFSv2 (Climate Forecast Systems V.2) forecasts. Initial condition: May 12 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.





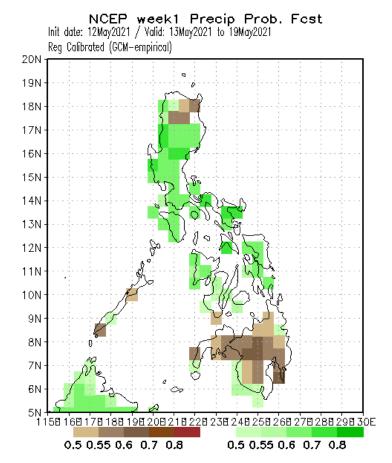
Rundate: May 15, 2021

Idate: May 12, 2021

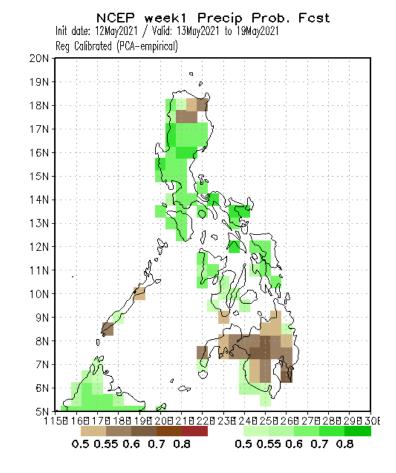
Week 1 Forecast

May 13-19, 2021

GCM

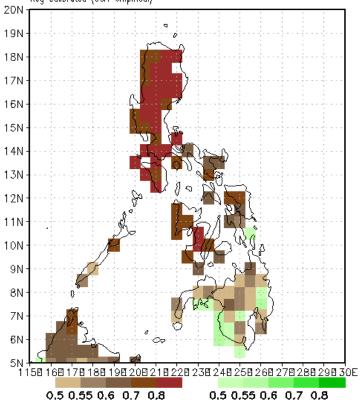


Probability of receiving below normal rainfall in northern Cagayan and Apayao and in most parts of Mindanao is expected while the rest of the country will likely receive above normal rainfall. **PCA**



Probability of receiving below normal rainfall in northern Cagayan and Apayao and in most parts of Mindanao is expected while the rest of the country will likely receive above normal rainfall. **CCA**





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





Idate: May 12, 2021

Week 2 Forecast May 20-26, 2021

GCM

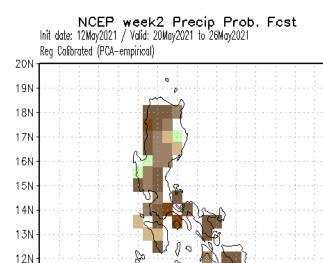
NCEP week2 Precip Prob. Fcst Init date: 12May2021 / Valid: 20May2021 to 26May2021 Reg Calibrated (GCM-empirical) 20N 19N 18N 17N 16N 15N 14N 13N 12N 11N 10N 9N 8N 7N 6N ~ 1158 168 178 188 198 208 218 228 238 248 258 268 278 288 298 30E

Probability of receiving below normal rainfall in most parts of Visayas and Mindanao is expected while Mindanao 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

PCA



11N ·

10N:

9N

8N

7N

Probability of receiving above normal rainfall in most parts of the country is expected except northern Luzon, southern Isabela and Quirino where below normal rainfall is more likely.

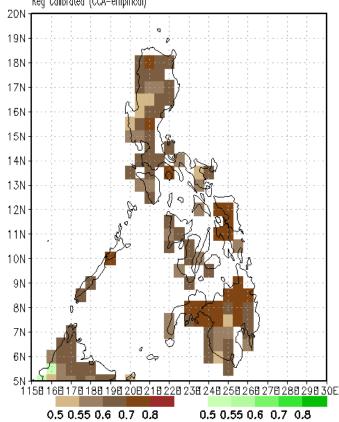
0.5 0.55 0.6 0.7 0.8

~ 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

CCA





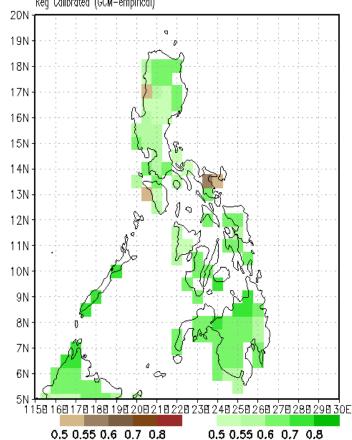
Probability of receiving below normal rainfall in most parts of the country is expected.



Idate: May 12, 2021 Week 3-4 Forecast May 27- Jun 09, 2021

GCM

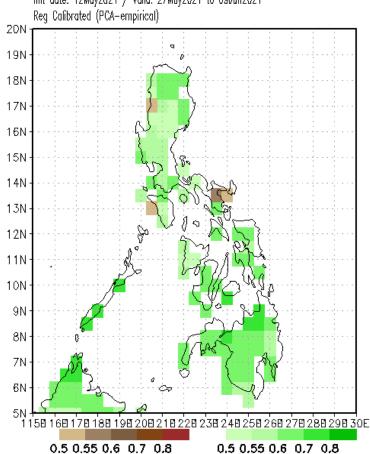
NCEP week34 Precip Prob. Fcst Init date: 12May2021 / Valid: 27May2021 to 09Jun2021 Reg Calibrated (GCM-empirical)



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

PCA

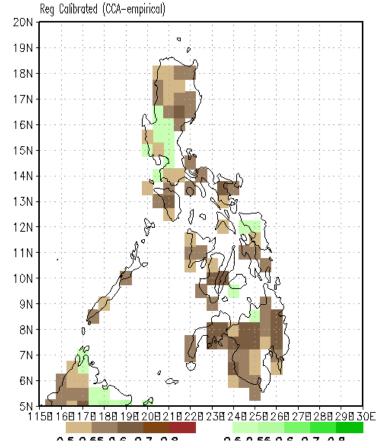
NCEP week34 Precip Prob. Fcst Init date: 12May2021 / Valid: 27May2021 to 09Jun2021



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

CCA

NCEP week34 Precip Prob. Fcst Init date: 12May2021 / Valid: 27May2021 to 09Jun2021



Probability of receiving below normal rainfall in most parts of the country is expected except with patches of above normal rainfall in Central Luzon and Eastern Visayas.

Idate: May 12, 2021

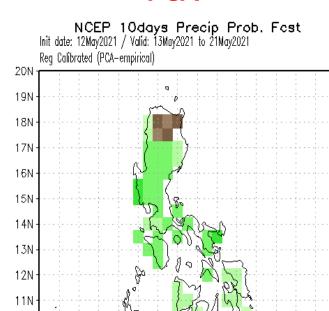
10 days Forecast May 13-21, 2021

GCM

NCEP 10days Precip Prob. Fcst Init date: 12May2021 / Valid: 13May2021 to 21May2021 Reg Calibrated (GCM-empirical) 18N 16N 15N 13N 12N 11N 10N 9N 8N 7N 6N 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 0.5 0.55 0.6 0.7 0.8

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

PCA



10N:

9N

8N ·

7N

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

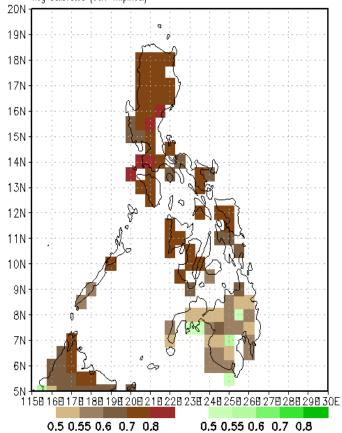
0.5 0.55 0.6 0.7 0.8

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

CCA





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

