# **CPT based Sub-Seasonal Forecasting (Philippines)**

# **NOAA's CPC International Desks**

CPT is using NCEP CFSv2 (Climate Forecast Systems V.2) forecasts. Initial condition: July 31, 2022

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.

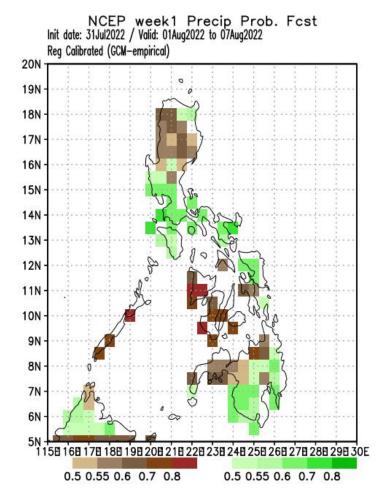




Rundate: 01 Aug 2022

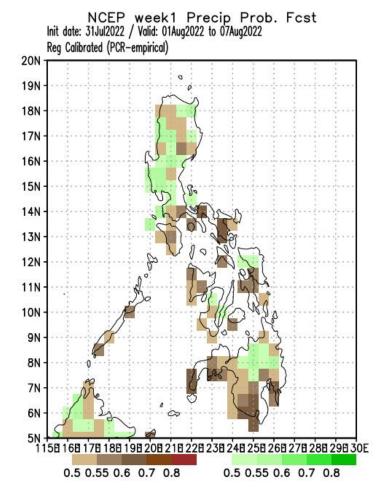
Idate: 31 July 2022 Aug 01-07, 2022

#### **GCM**



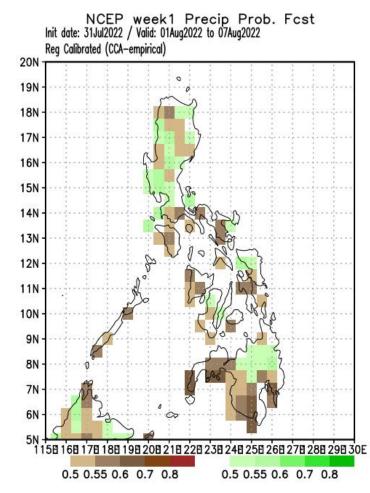
Probability of receiving above normal rainfall in Cagayan, most parts of Central & Southern Luzon, Bicol Region, Samar provinces and most parts of Mindanao while the rest of the country will likely receive below normal rainfall.

#### **PCA**



Probability of receiving below normal rainfall in most parts of Southern Luzon, Bicol Region, Leyte, western Visayas, western & southern Mindanao while the rest of the country will likely receive above normal rainfall.

#### CCA



Probability of receiving below normal rainfall in most parts of Southern Luzon, Bicol Region, Leyte, western Visayas, western & southern Mindanao while the rest of the country will likely receive above normal rainfall.

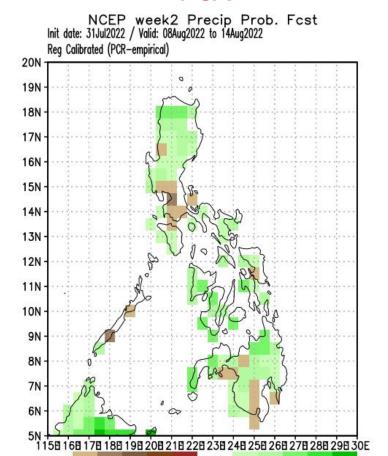
Idate: 31 July 2022 Week 2 Forecast Aug 08-14, 2022

#### GCM

NCEP week2 Precip Prob. Fcst Init date: 31Jul2022 / Valid: 08Aug2022 to 14Aug2022 Reg Calibrated (GCM-empirical) 20N 18N 17N 15N 12N 11N 10N 9N 7N 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 most parts of Central & Southern Luzon, Bicol Region, most of Visayas and northern CARAGA while the rest of Luzon and Mindanao will likely receive above normal rainfall.

## PCA

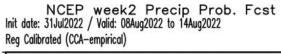


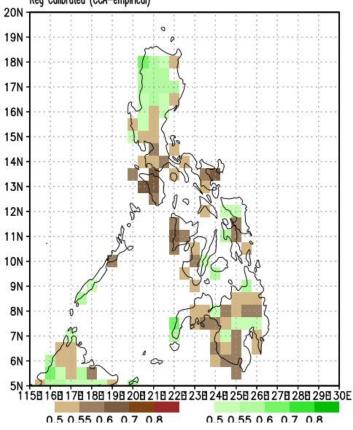
Probability of receiving above normal rainfall in most parts of the country except with some patches of below normal rainfall.

0.5 0.55 0.6 0.7 0.8

0.5 0.55 0.6 0.7 0.8

#### CCA

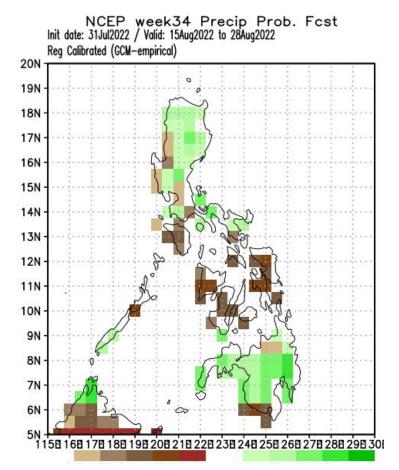




Probability of receiving below normal rainfall in most parts of the country except in northern half of Luzon, Samar Provinces and patches of above normal rainfall in Mindanao.

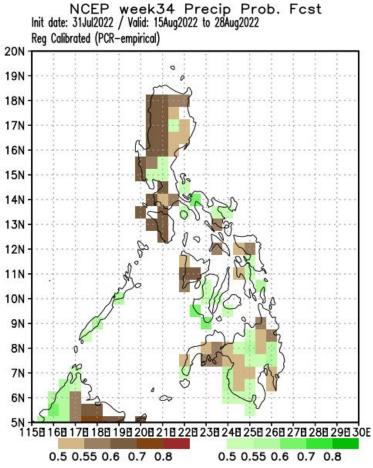
Idate: 31 July 2022 Week 3-4 Forecast Aug 15-28, 2022

# **GCM**

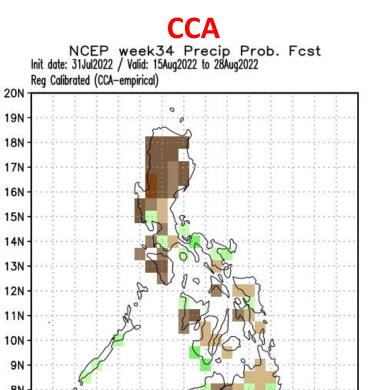


Probability of receiving above normal rainfall in most parts of Luzon and Mindanao while Mindoro and Visayas will likely receive below normal rainfall.

# PCA



Probability of receiving below normal rainfall in most parts of Luzon, Panay Island, western Mindanao and CARAGA Region while the rest of the country will likely receive above normal rainfall.



**7N** 

6N

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

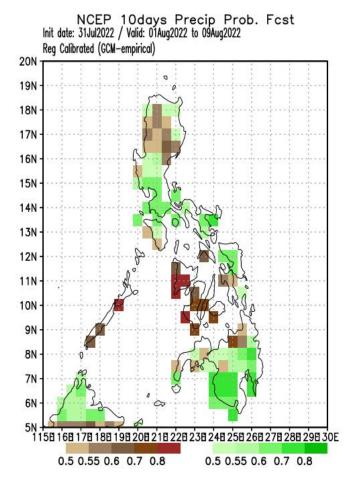
0.5 0.55 0.6 0.7 0.8

115E 16E 17E 18E 19E 20E 21E 22E 23E 24E 25E 26E 27E 28E 29E 30E

0.5 0.55 0.6 0.7 0.8

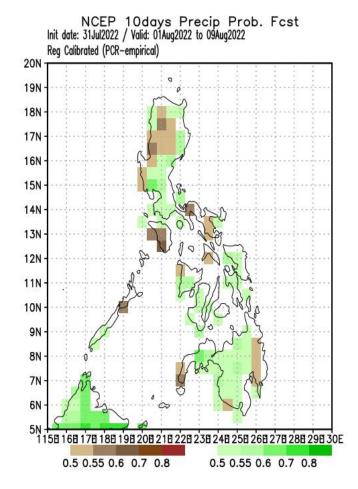
Idate: 31 July 2022 10 days Forecast Aug 01-09, 2022

# **GCM**



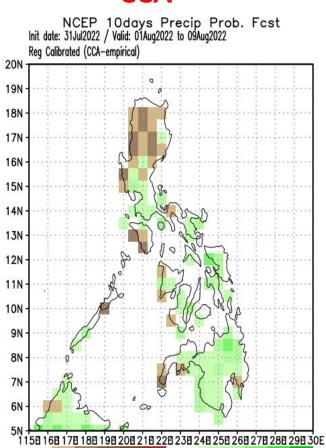
Probability of receiving below normal rainfall in most parts of Ilocos and Cordillera Region, Leyte, central and western Visayas while the rest of the country will likely receive above normal rainfall.

# **PCA**



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

# **CCA**



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

0.5 0.55 0.6 0.7 0.8

0.5 0.55 0.6 0.7 0.8

