



African Centre for Meteorological Applications for Development (ACMAD)

Organization of RCOFs, formulation of consensus forecasts and dissemination of forecasts by ACMAD

Prepared by

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Meeting organized by UNECA/ACPC, May 14, 2018 - DJIBOUTI

Presentation Outline

1. Organisation of RCOFs
2. Consensus forecast process
3. Dissemination and feedback



1. Organisation of RCOFs

ACMAD currently organises 5 RCOFs over the continent

1. PRESASS (Sudano-Sahelian region) - **April/May**
2. MEDCOF/PRESANOR (Northern Africa) - **November and March**
3. PRESAGG (Gulf of Guinea) - **February/March**
4. PRESAC (Central Africa) - **August/September**
5. SWIOCOF (Southwestern Indian Ocean) - **September/October**

During RCOFs, two products-presented

- ❑ **Regional Long Range Forecast Bulletin** (providing advisories to experts in different sectors (e.g. Agriculture, Water resources, DRR, etc.)
- ❑ **Brief for policy and decision makers** (e.g. Development planners and Managers, etc.)



2. Consensus Forecast Process

Input to the consensus forecast

- ✓ Dynamical models- Single and multimodel ensembles
- ✓ Statistical models - based on CPT
- ✓ Analysis of Analogue years - based on SST patterns analysis
- ✓ Analysis of cumulative precipitation estimates
- ✓ Persistence analysis
- ✓ Composite analysis
- ✓ Climate variability (drivers) and trends analysis



Consensus Forecast Output

Three products - generated

- a. **Technical Note** (Meant for climate experts)
 - Summary of drivers necessary to generate forecast

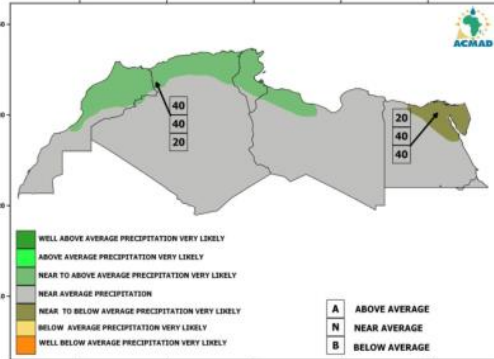
- b. **Long Range Forecast bulletin** (Targets experts in other sectors e.g. Water resources, Agric, Health, Energy, DRR, etc)

- c. **Brief for policy and decision makers** -Based on expected significant weather and climate events (Targets Policy and Decision makers).

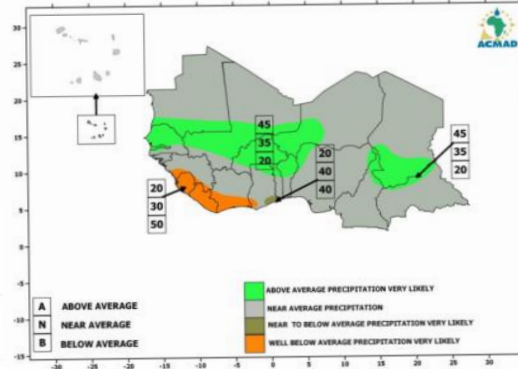


Sample Consensus Forecasts over the 5 regions

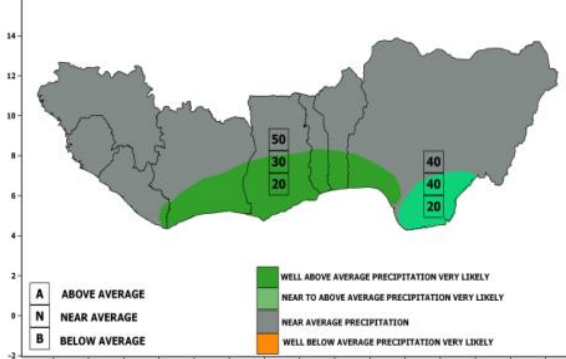
SEASONAL PRECIPITATION FORECAST FOR NORTH AFRICA REGION
VALID FOR DECEMBER-JANUARY-FEBRUARY 2016-2017
ISSUED ON NOVEMBER 18, 2016



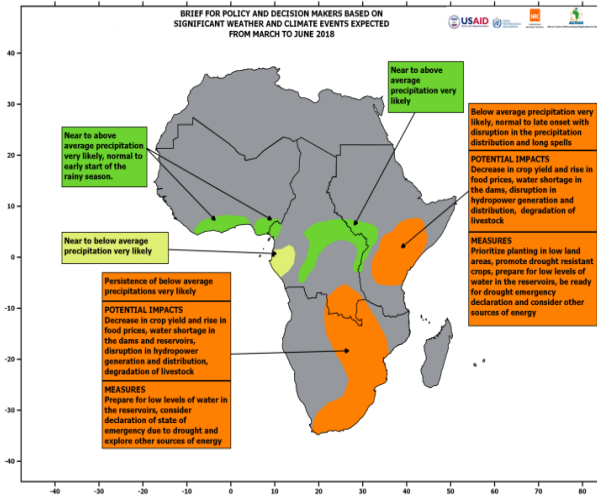
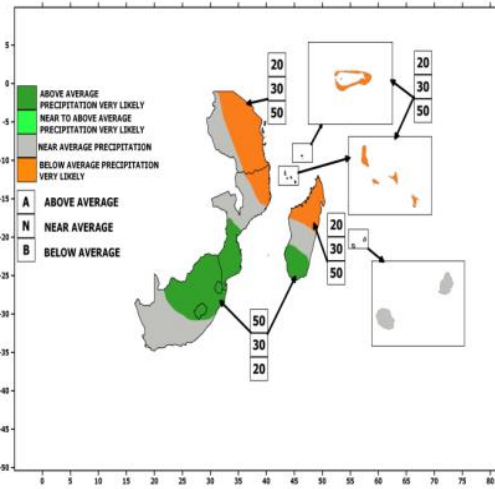
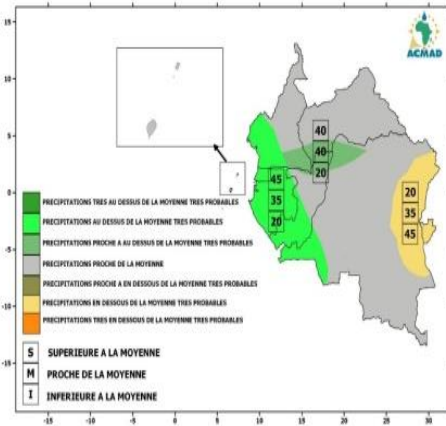
SEASONAL PRECIPITATION FORECAST FOR SUDANO-SAHELIAN REGION OF AFRICA
VALID FOR JULY-AUGUST-SEPTEMBER 2017
ISSUED ON MAY 19, 2017



SEASONAL PRECIPITATION FORECAST FOR GUINEA GULF COUNTRIES REGION
VALID FOR MARCH-APRIL-MAY 2018
ISSUED ON MARCH 9, 2018



PREVISION SAISONNIERE DES PRECIPITATIONS POUR LA REGION DE LA AFRIQUE CENTRALE
VALABLE POUR NOVEMBRE-DECEMBRE 2016-JANVIER 2017
ELABOREE LE 10 OCTOBRE 2016





3. Dissemination and feedback

Dissemination

- a. Press Release
- b. Emails
- c. Website
- d. Presentation at various stakeholder meetings

Feedback

- ✓ During forums (National, Regional and Continental)
- ✓ Emails

Thank you for your attention.