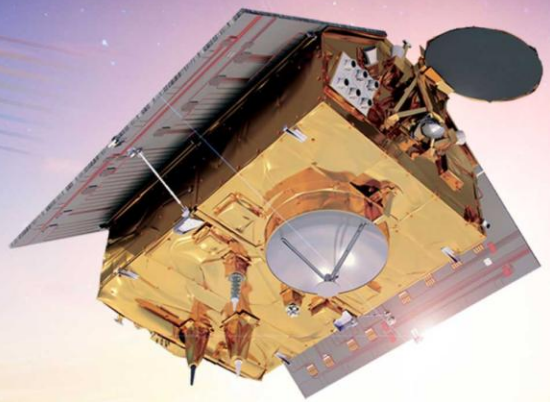
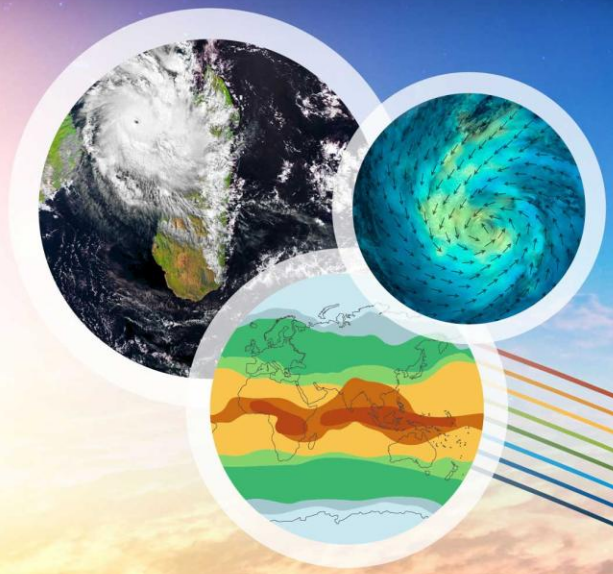
AFRICAN CENTRE OF METEOROLOGICAL APPLICATIONS FOR DEVELOPMENT (ACMAD)

WORLD METEOROLOGICAL ORGANIZATION

# 14TH SOUTH-WEST INDIAN OCEAN CLIMATE OUTLOOK FORUM





## VERIFICATION MMETHOD

## OCTOBER 2024 TO APRIL 2025

ClimSA
INTRA-ACP CLIMATE SERVICES AND RELATED APPLICATIONS PROGRAMME

An initiative of the Organisation of African, Caribbean and Pacific States funded by the European Union

# OUTLINE



I

***Forecast verification over SWIO during Oct 2024 to April 2025***

# FORECAST OND-NDJ 2024-25

## SWIOCOF 13 OND2024 FCST

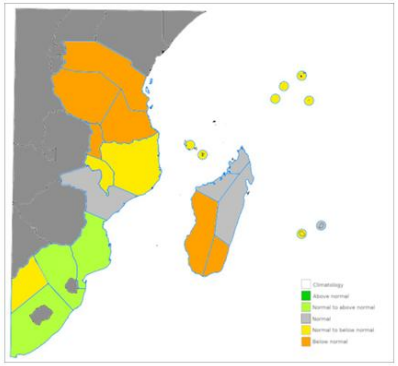


*Figure 2 : Prévision consensuelle de précipitations pour OND 2024*

## SWIOCOF 13 NDJ 2024-25 FCST

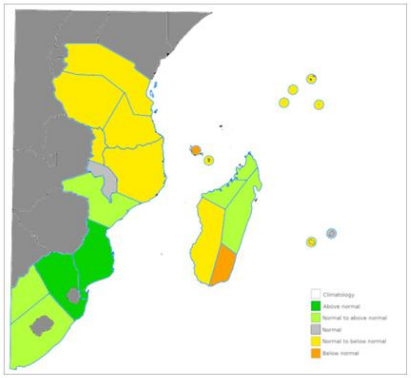
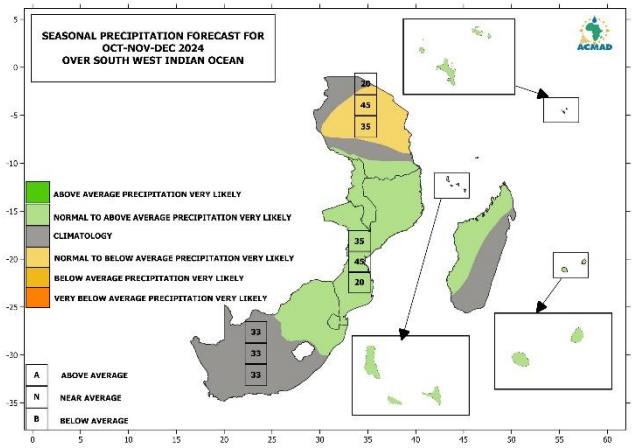
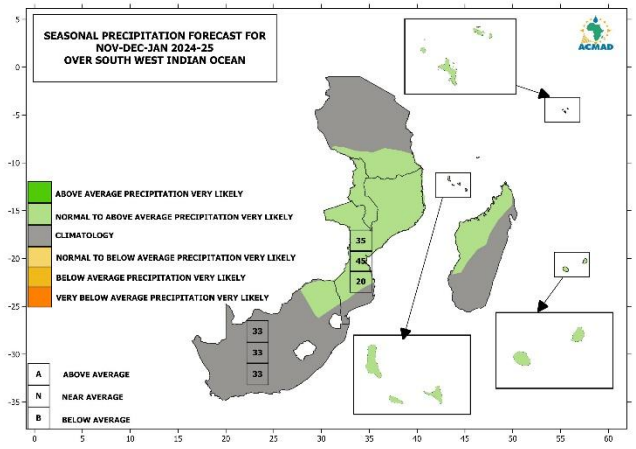


*Figure 3: Prévision consensuelle de précipitations pour NDJ 2024/25*

## ACMAD CONTRIB OND FCST 2024




## ACMAD CONTRIB NDJ FCST 2024-25



# OND 2024 VERIFICATION

## SWIOCOF 13 OND FCST

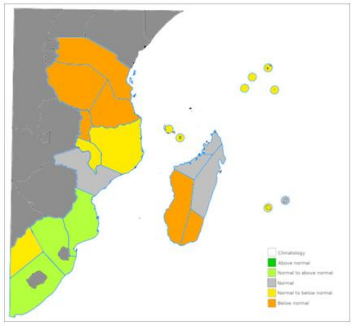
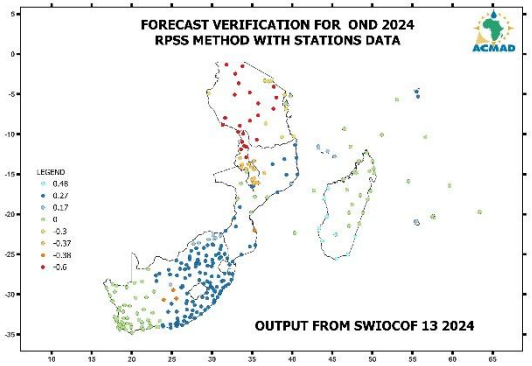
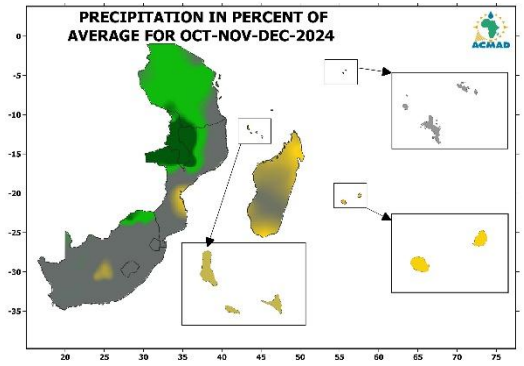


*Figure 2 : Prévision consensuelle de précipitations pour OND 2024*

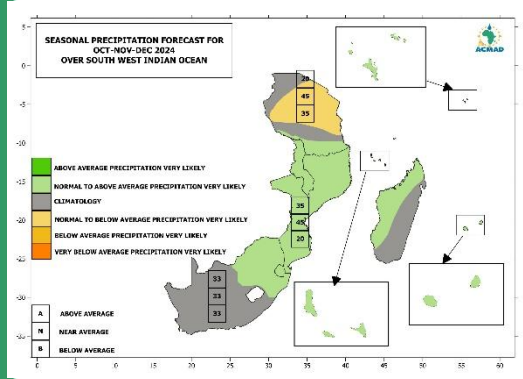
## RPSS-FCST SWIOCOF



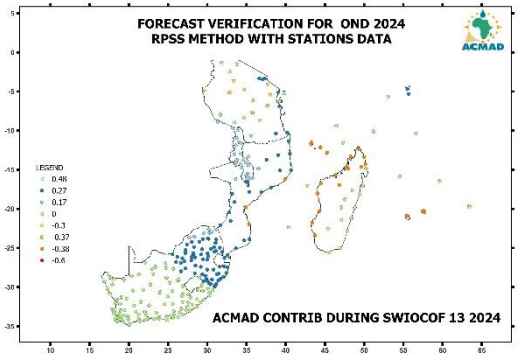

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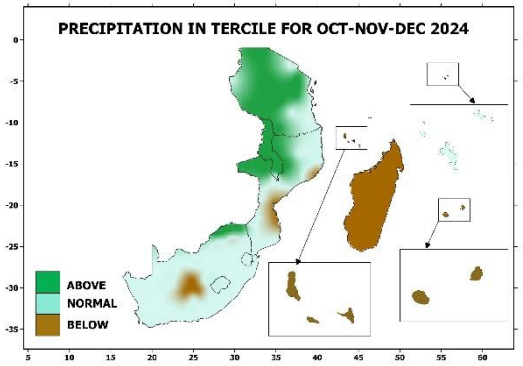

## ACMAD CONTRIB OND FCST




## RPSS-FCST ACMAD




## TERCILE



# NDJ 2024-25 VERIFICATION

## SWIOCOF 13 NDJ FCST

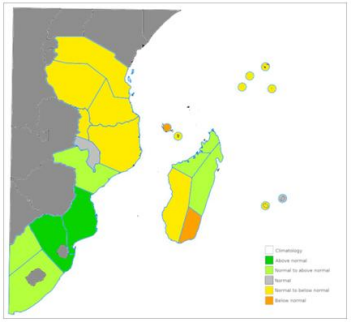
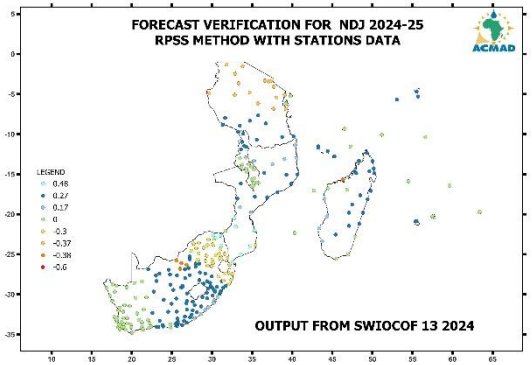
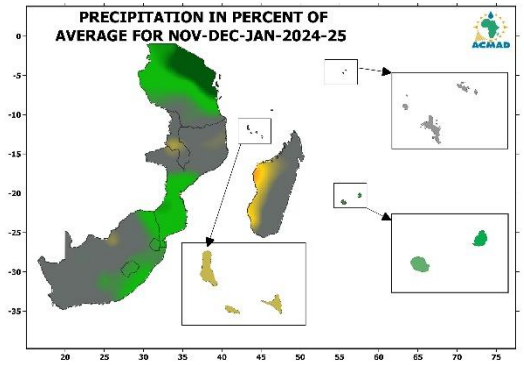


*Figure 3: Prévision consensuelle de précipitations pour NDJ 2024/25*

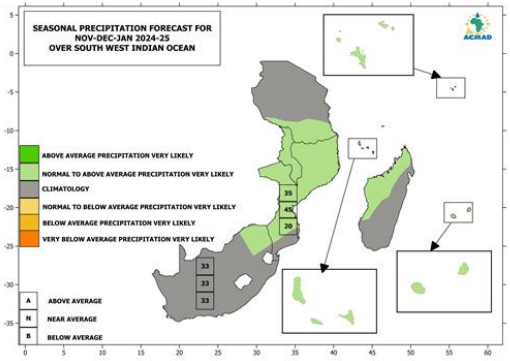
## RPSS-FCST SWIOCOF



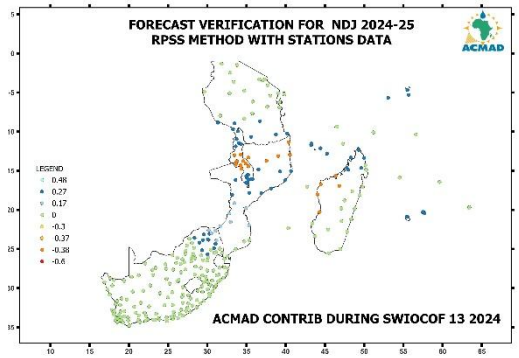

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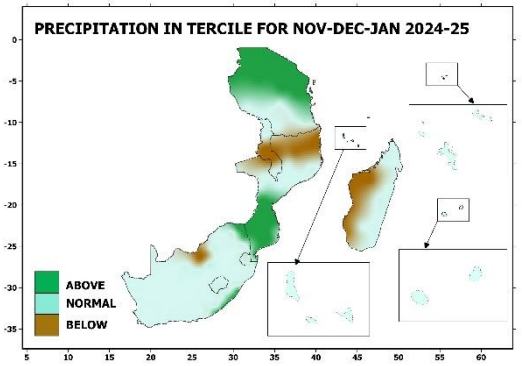

## ACMAD CONTRIB NDJ FCST




## RPSS-FCST ACMAD

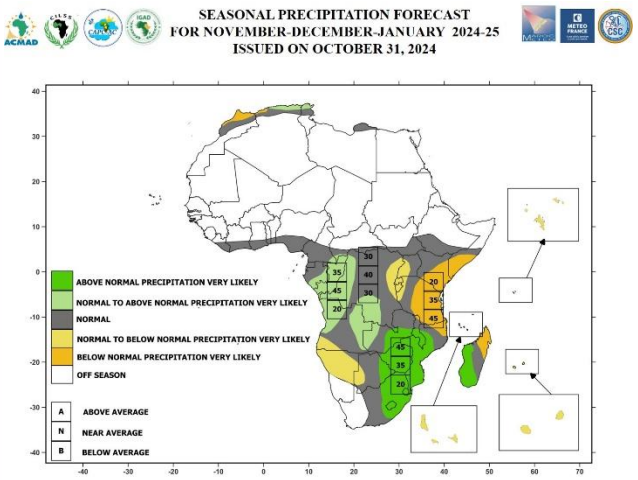



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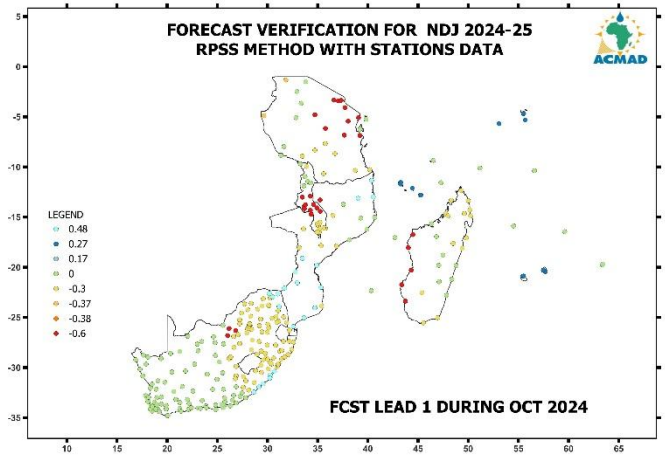


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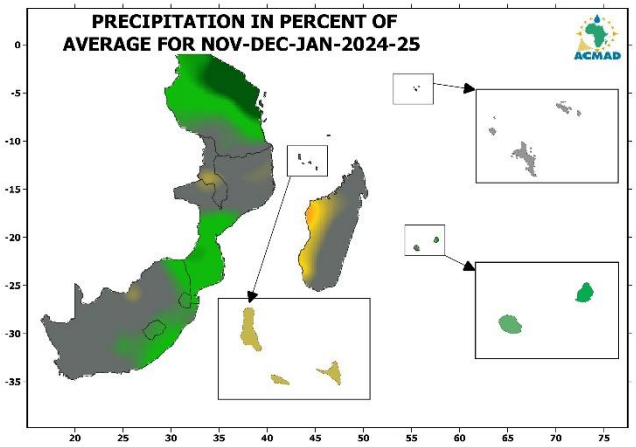
## ACCOF 18 NDJ FCST



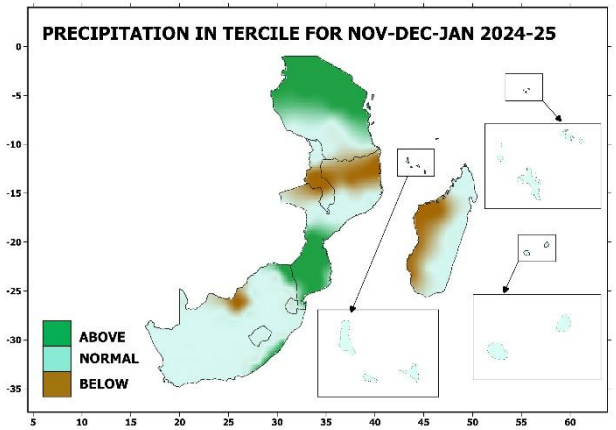

## RPSS




## PERCENT OF AVG

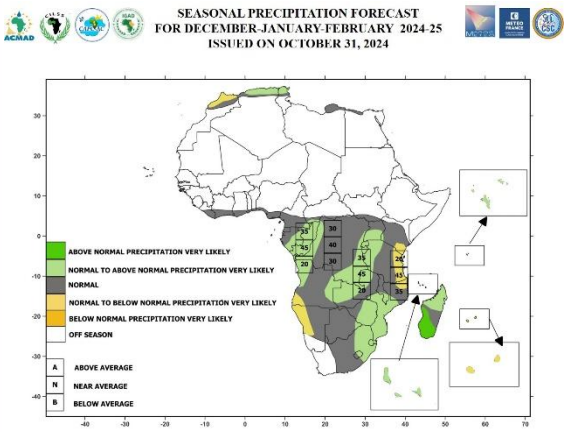



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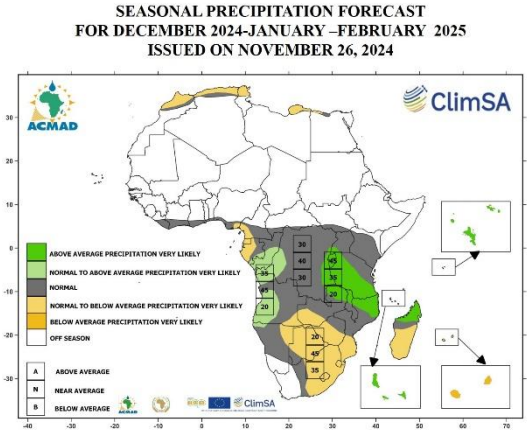


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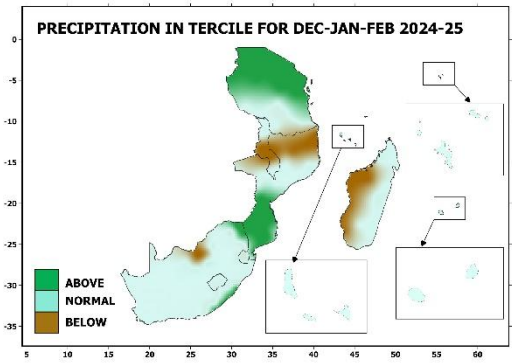
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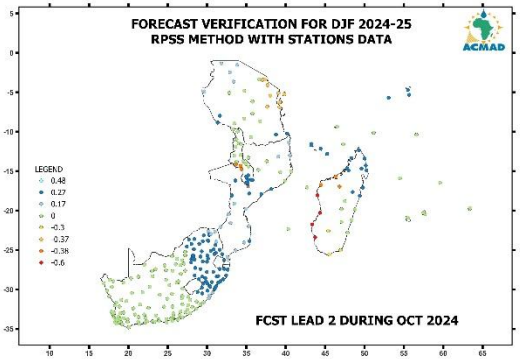

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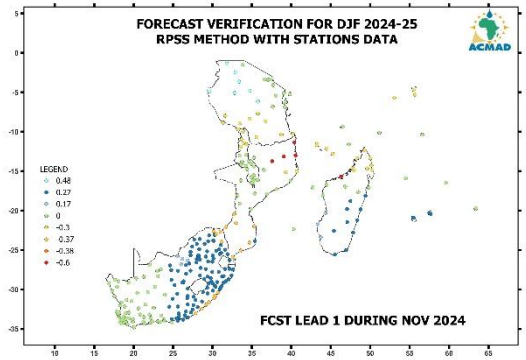

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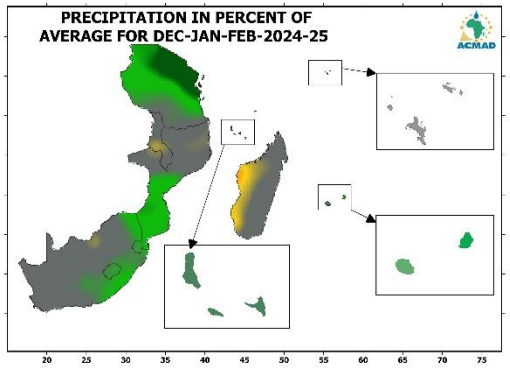

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## RPSS LEAD 1

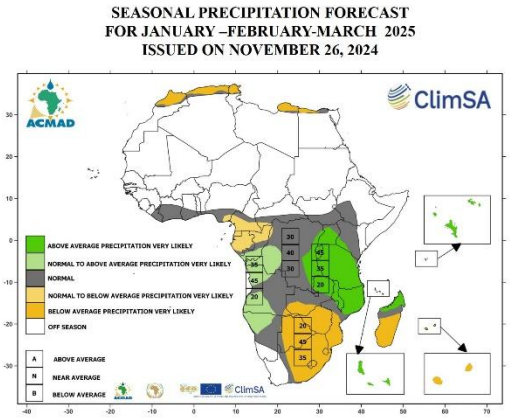



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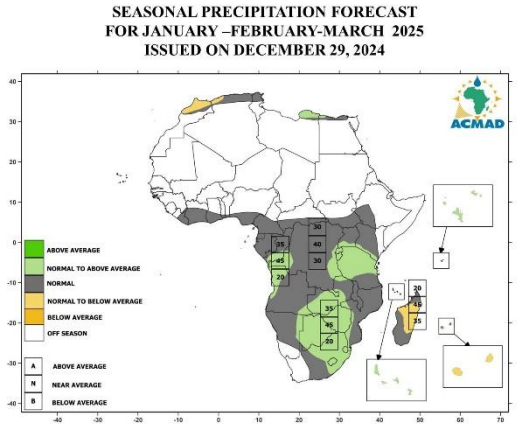


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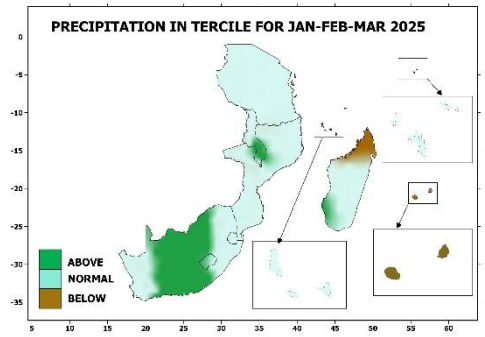
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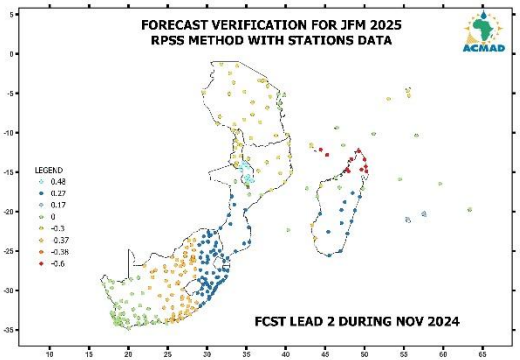

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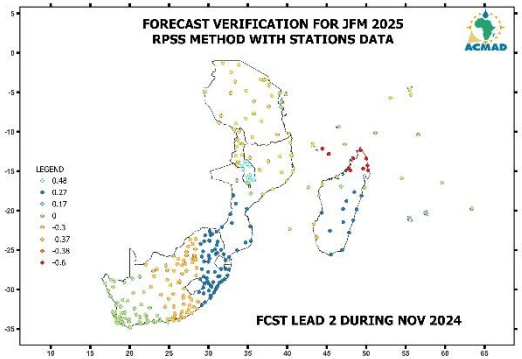

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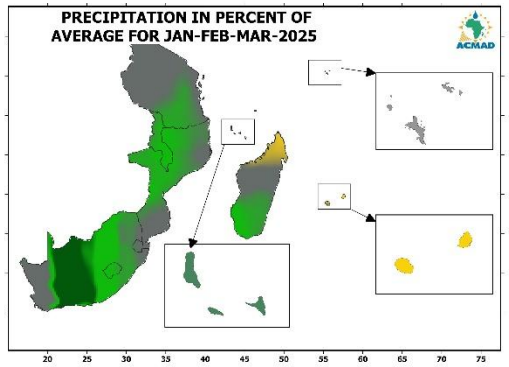

RPSS LEAD 2




RPSS LEAD 1

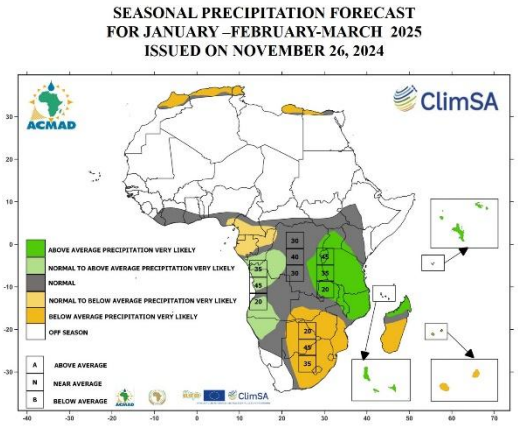



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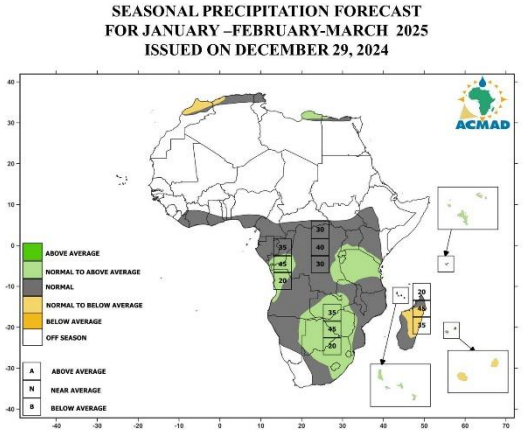


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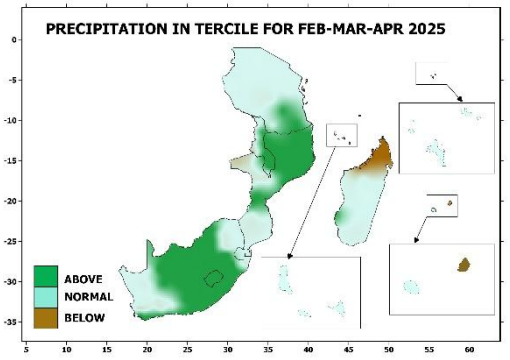
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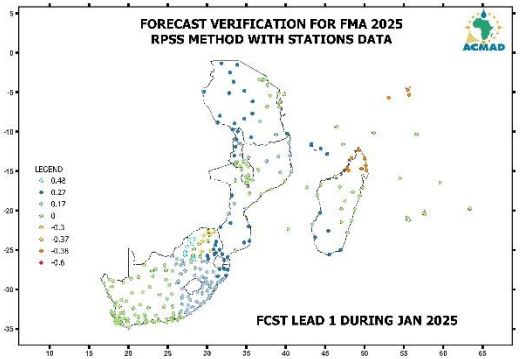

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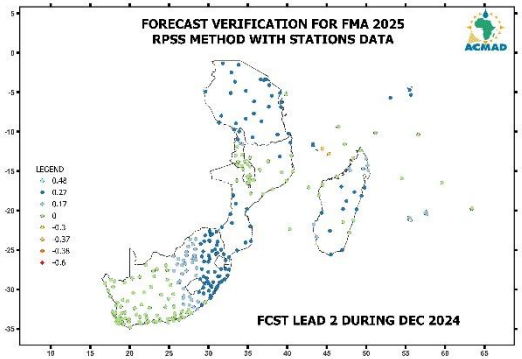

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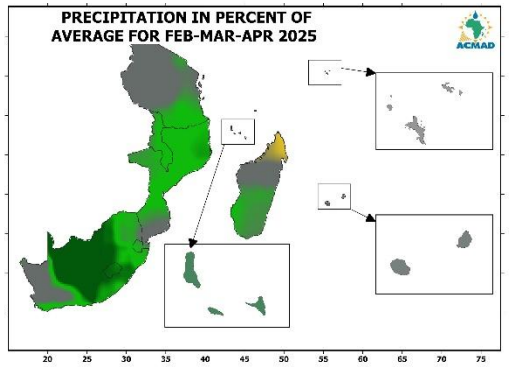

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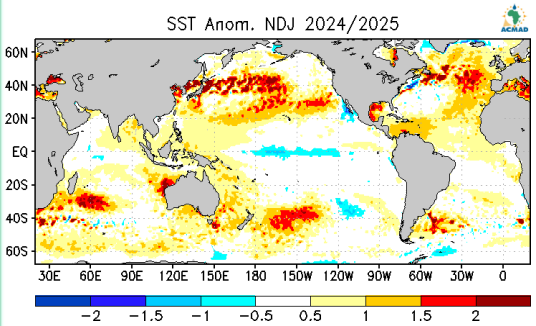


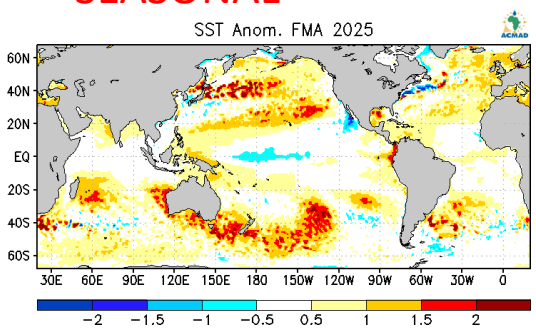

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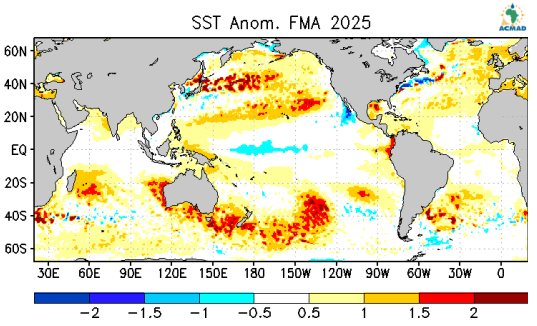


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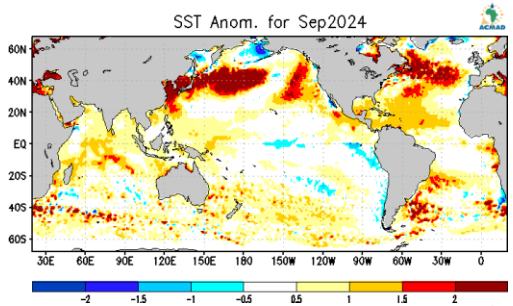
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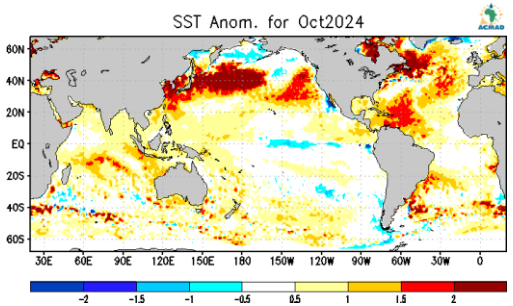


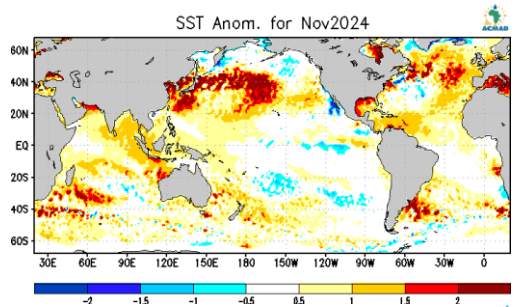



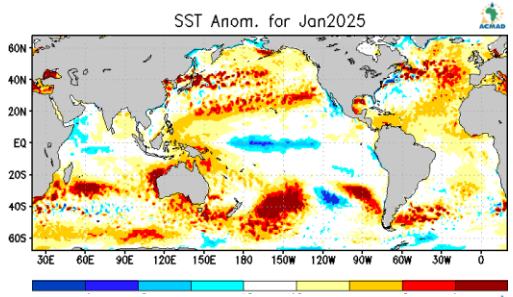



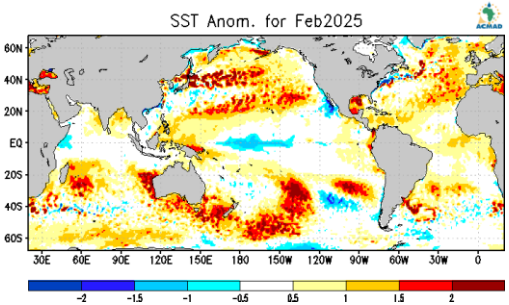

## MONTHLY

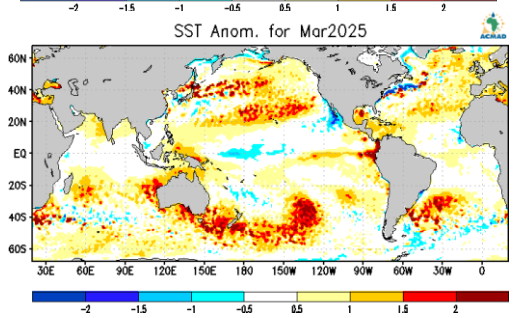


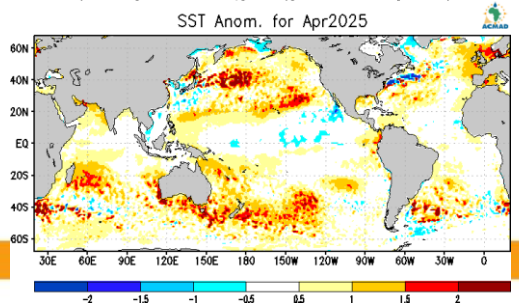



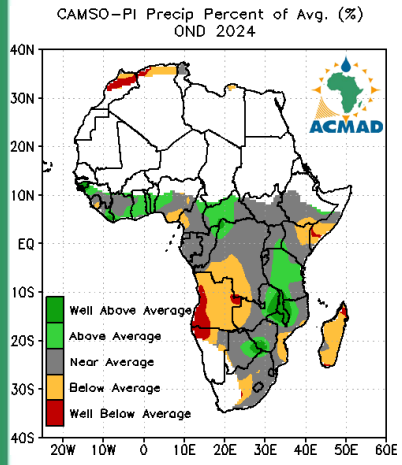



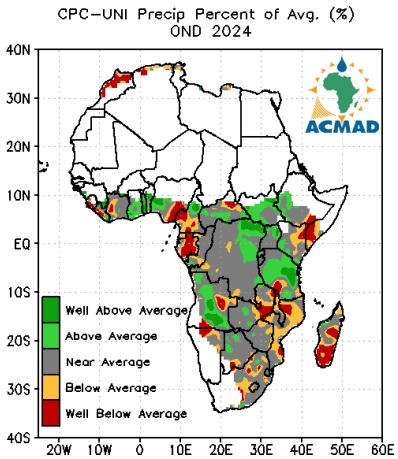



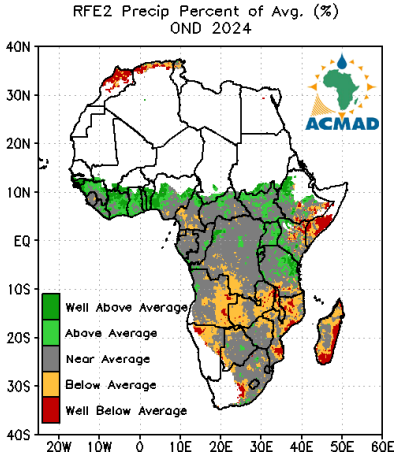



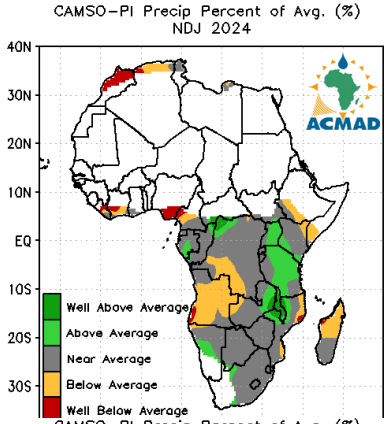



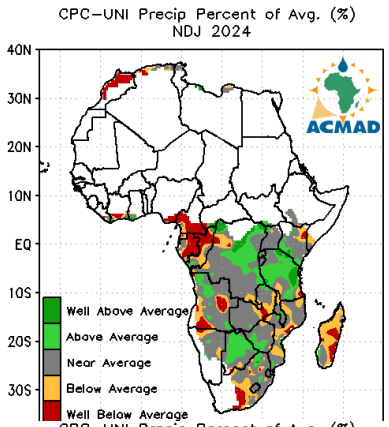
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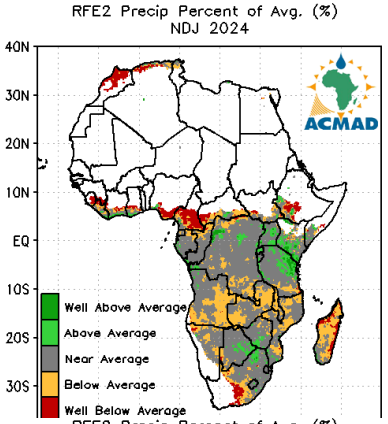


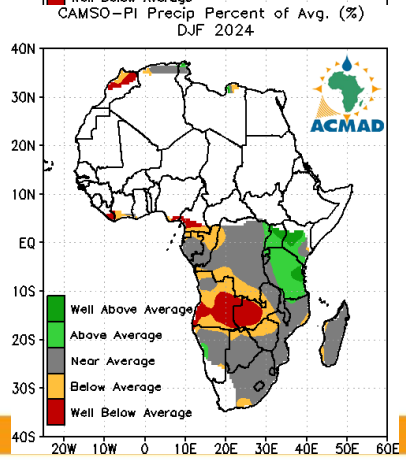



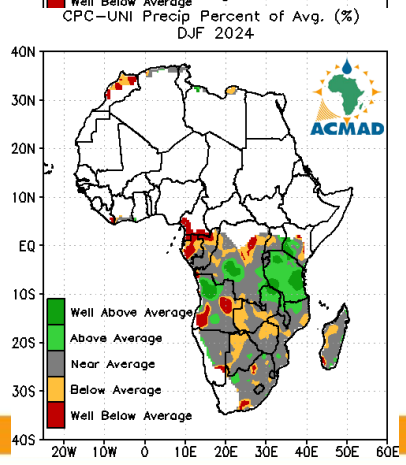



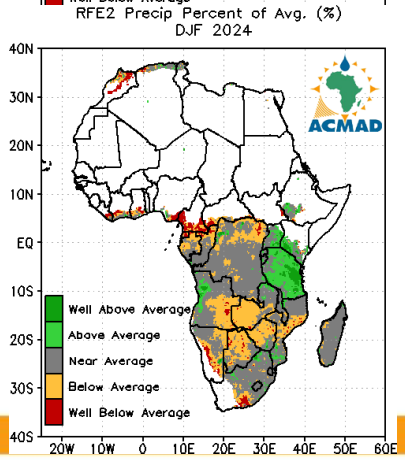



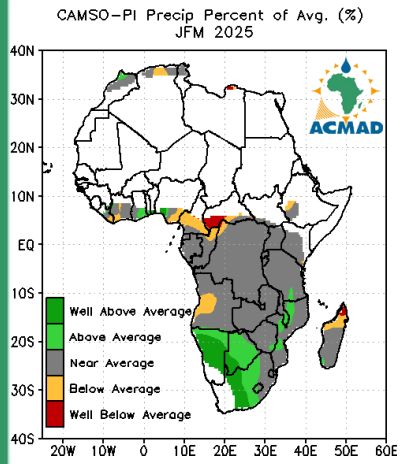



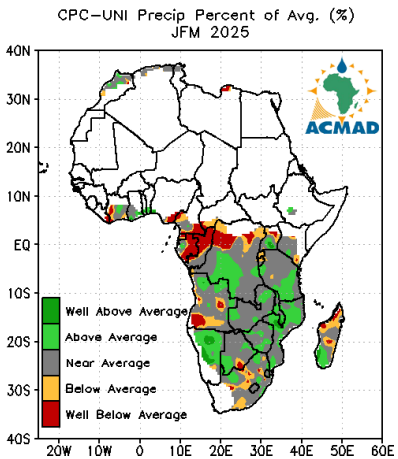



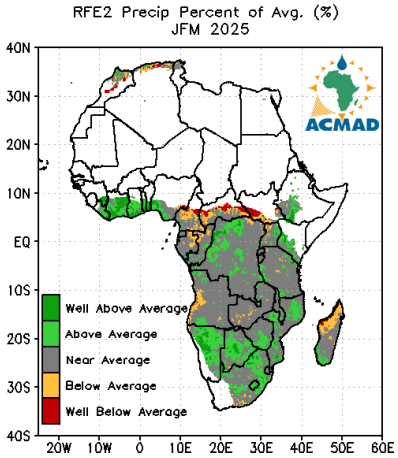



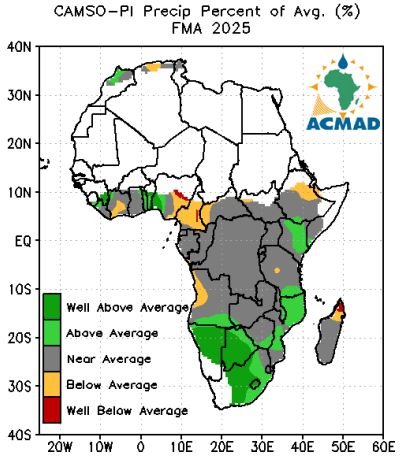



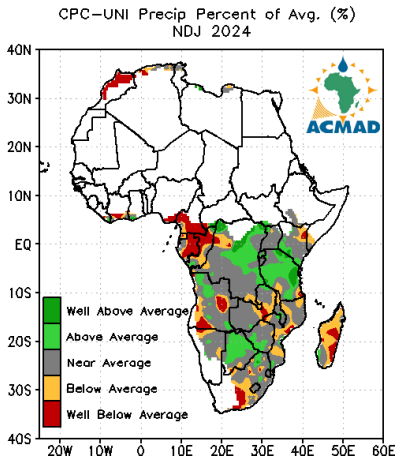
# Seasonal Rainfall varaibility

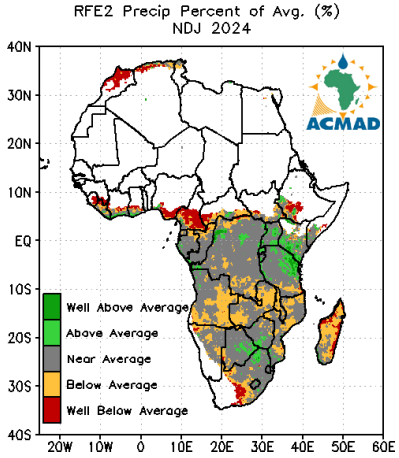


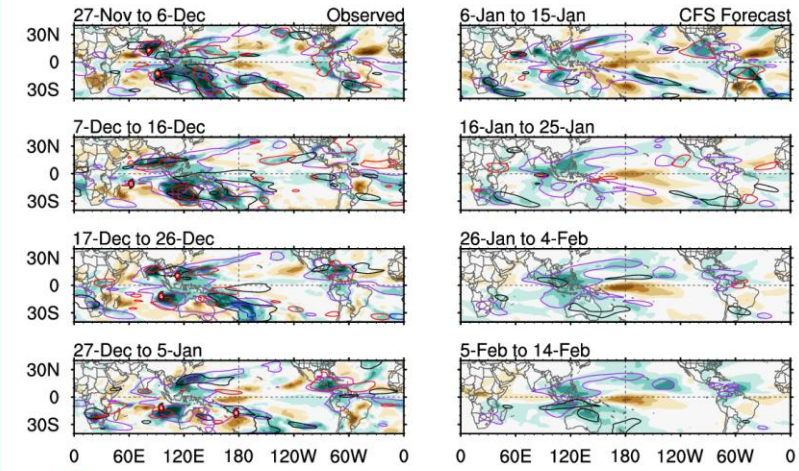



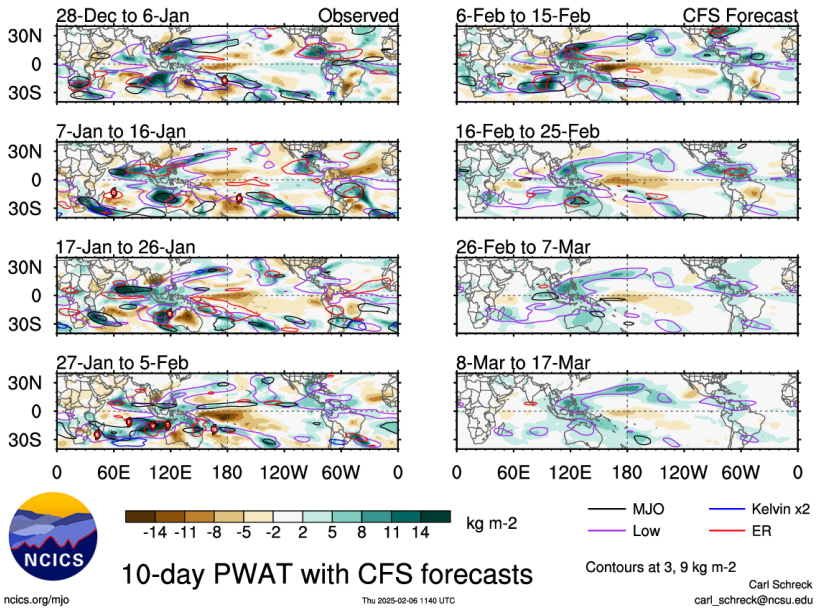



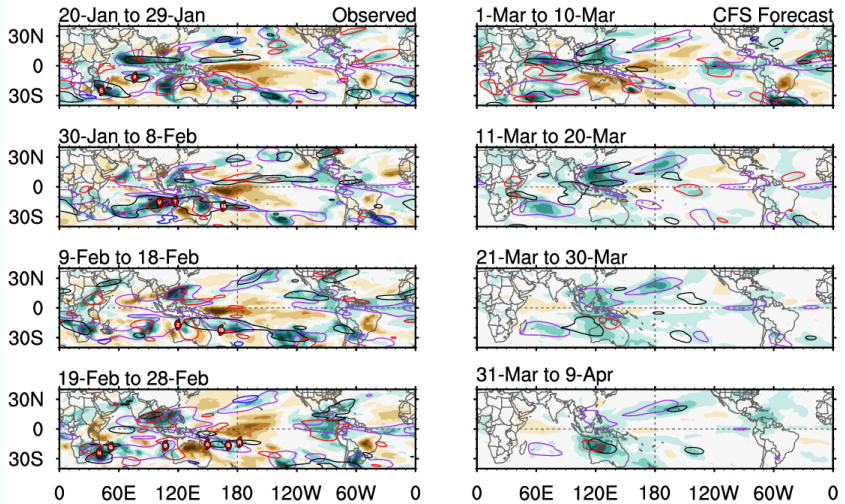



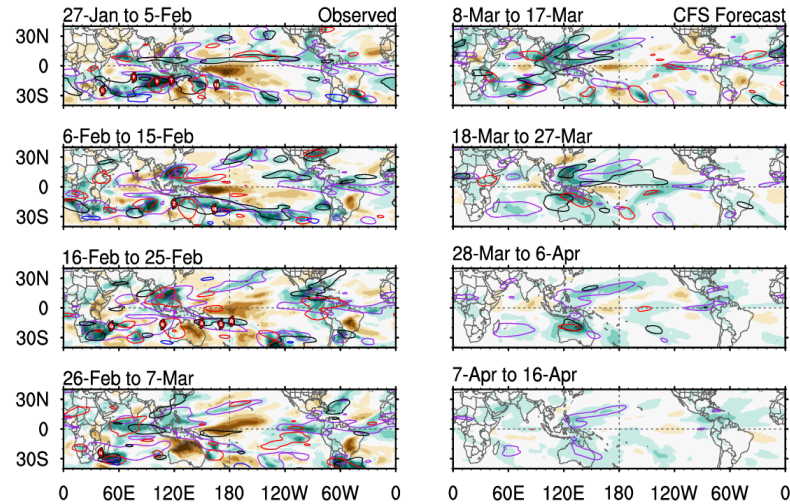



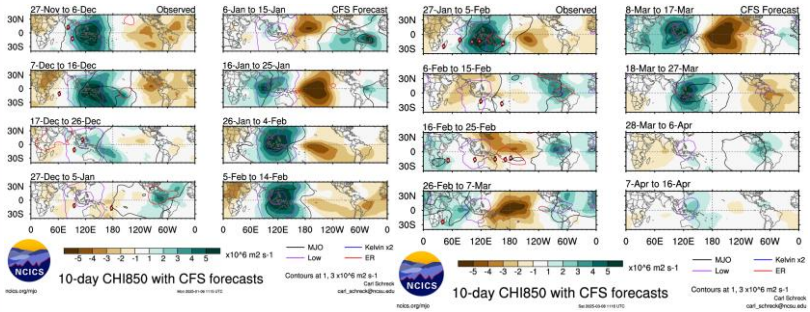
**State of the Global intra-seasonal drivers –**



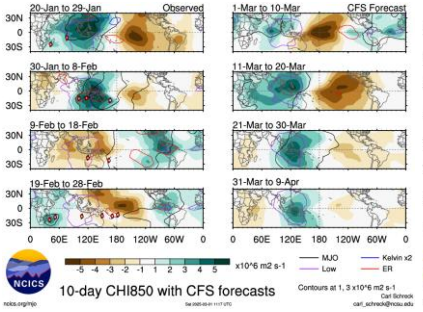



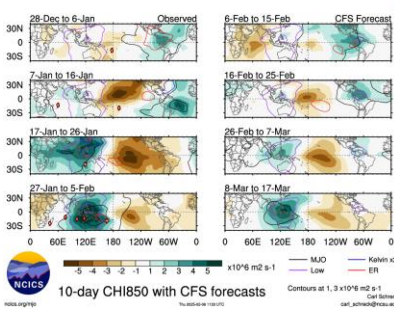



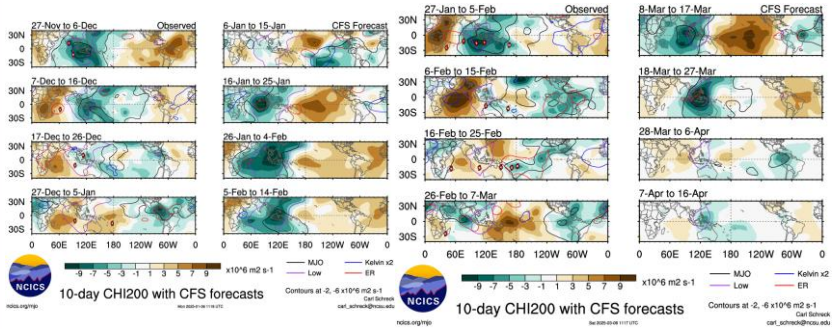



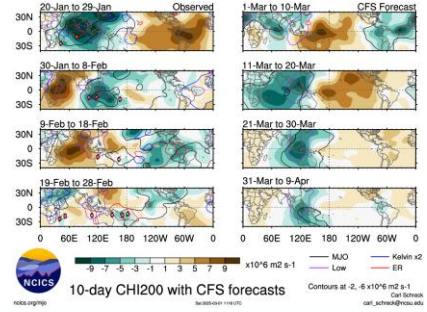

27-Nov to 6-Dec
Observed
6-Jan to 15-Jan
CFS Forecast
27-Jan to 5-Feb
Observed
8-Mar to 17-Mar
CFS Forecast
7-Dec to 16-Dec
16-Jan to 25-Jan
6-Feb to 15-Feb
18-Mar to 27-Mar
17-Dec to 26-Dec
26-Jan to 4-Feb
16-Feb to 25-Feb
28-Mar to 6-Apr
27-Dec to 5-Jan
5-Feb to 14-Feb
26-Feb to 7-Mar
7-Apr to 16-Apr
30N
0
30S
0 60E 120E 180 120W 60W 0
x10^6 m2 s-1
MJO
Low
Kelvin x2
ER
Contours at 1, 3 x10^6 m2 s-1
Carl Schreck
carl_schreck@ncsu.edu
NCICS
ncics.org/mjo
10-day CHI850 with CFS forecasts

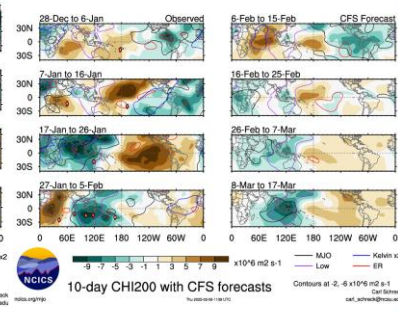

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CFS Forecast
6-Feb to 15-Feb
18-Mar to 27-Mar
16-Feb to 25-Feb
28-Mar to 6-Apr
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30N
0
30S
0 60E 120E 180 120W 60W 0
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10-day CHI850 with CFS forecasts


20-Jan to 29-Jan
Observed
1-Mar to 10-Mar
CFS Forecast
30-Jan to 8-Feb
11-Mar to 20-Mar
9-Feb to 18-Feb
21-Mar to 30-Mar
19-Feb to 28-Feb
31-Mar to 9-Apr
30N
0
30S
0 60E 120E 180 120W 60W 0
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0 60E 120E 180 120W 60W 0
x10^6 m2 s-1
MJO
Low
Kelvin x2
ER
Contours at -2, -6 x10^6 m2 s-1
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10-day CHI200 with CFS forecasts


20-Jan to 29-Jan
Observed
1-Mar to 10-Mar
CFS Forecast
30-Jan to 8-Feb
11-Mar to 20-Mar
9-Feb to 18-Feb
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CFS Forecast
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27-Jan to 5-Feb
8-Mar to 17-Mar
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30S
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10-day CHI200 with CFS forecasts

# *THANK YOU*