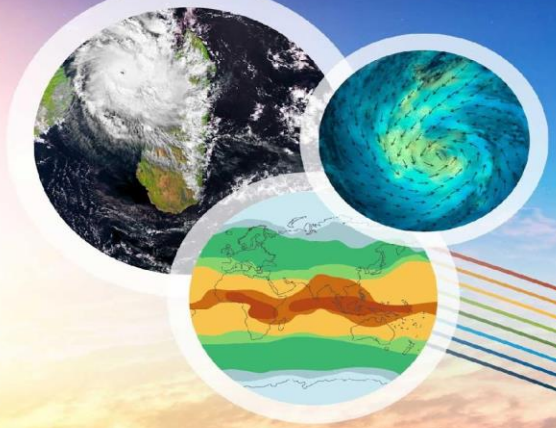
Seasonal Forecasting Workshop on agro-hydro-climatic characteristics of the main rainfall season in the Gulf of Guinea countries / PRESAGG -11

Accra, GHANA

February 26 to March 01, 2024



Performance Assessment of PRESAGG-10 Rainfall Outlook

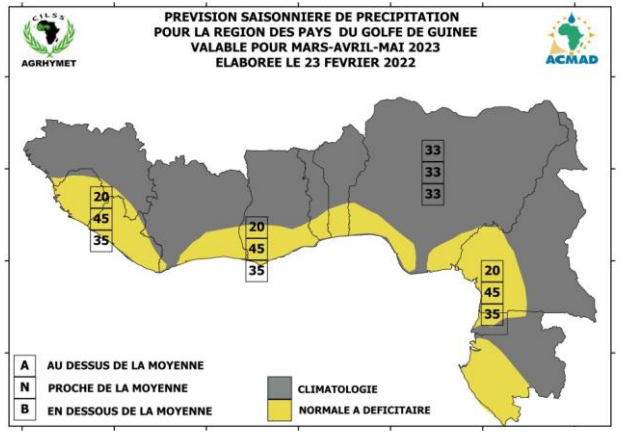
Prepared By: ACMAD Team

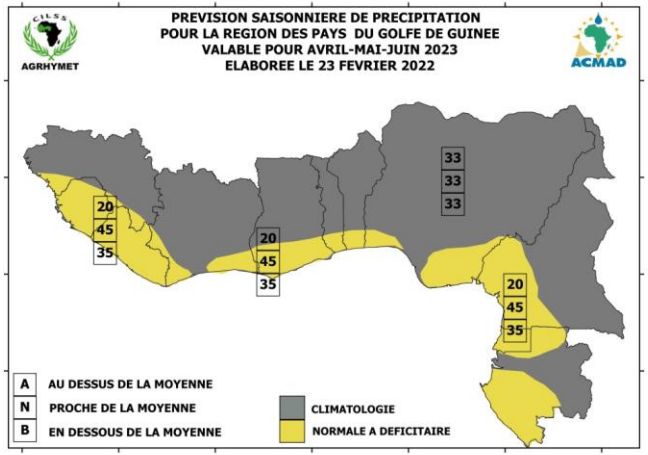
ClimSA

INTRA-ACP CLIMATE SERVICES AND RELATED APPLICATIONS PROGRAMME

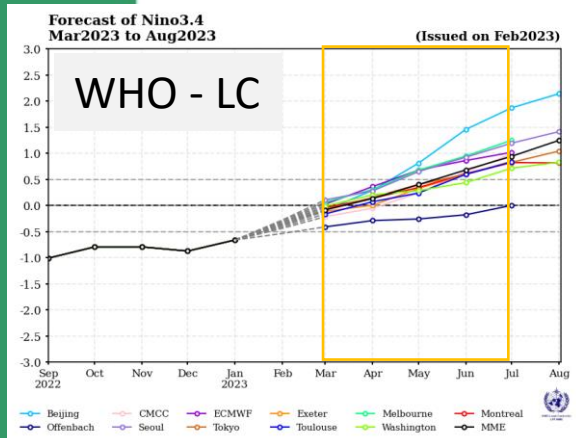
An initiative of the Organisation of African, Caribbean and Pacific States funded by the European Union

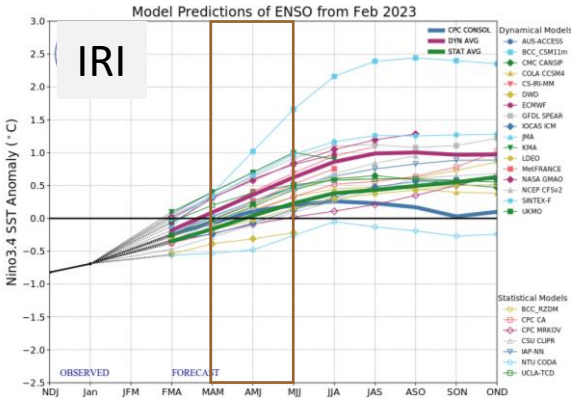
SEASONAL PRECIPITATION OUTLOOK FOR MAM and AMJ 2023

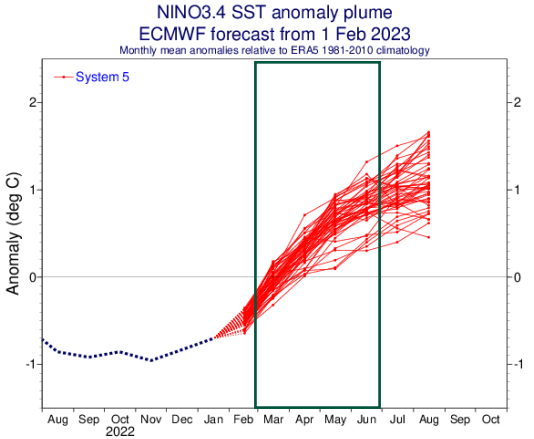


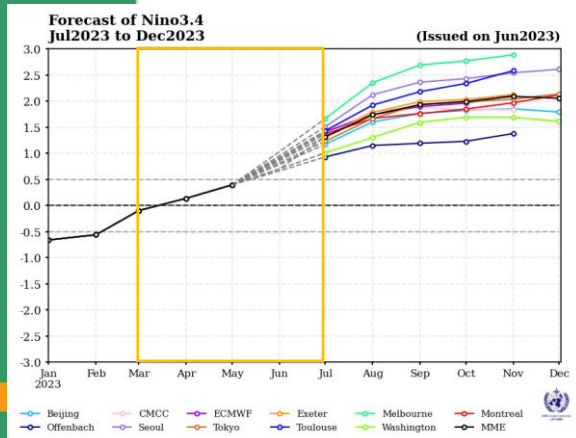


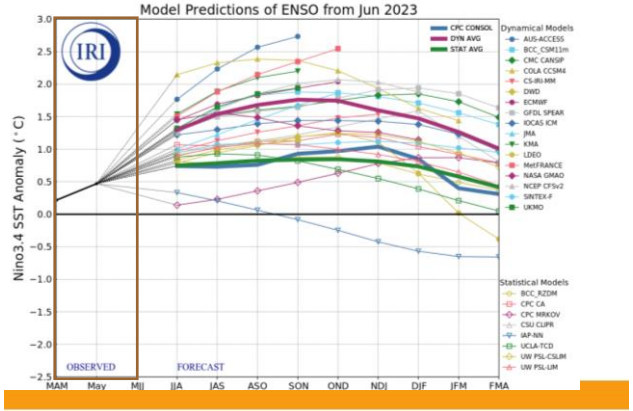
Teleconnections analysis (i,e ENSO) - Index plumes

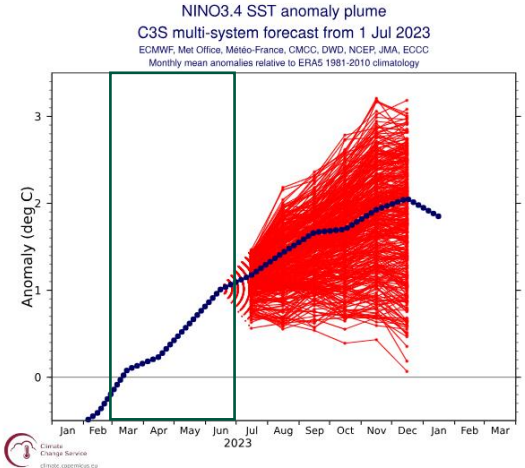






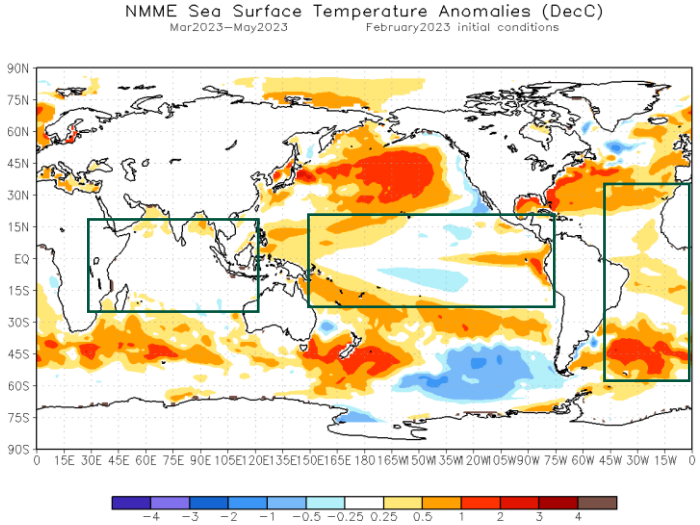


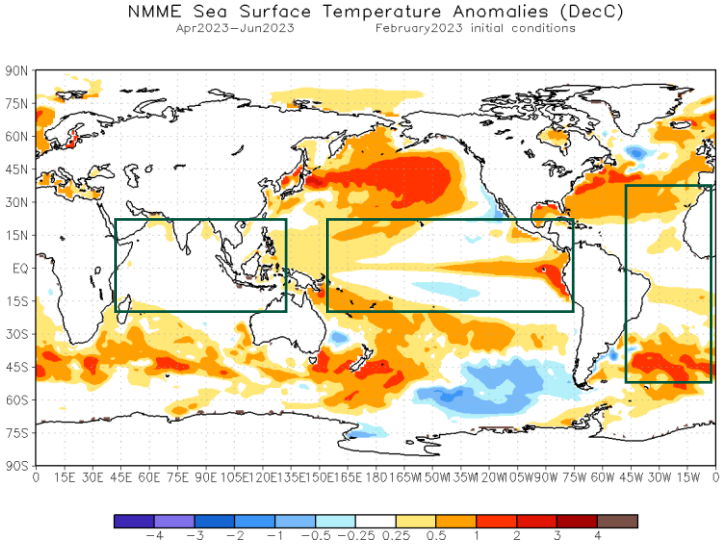




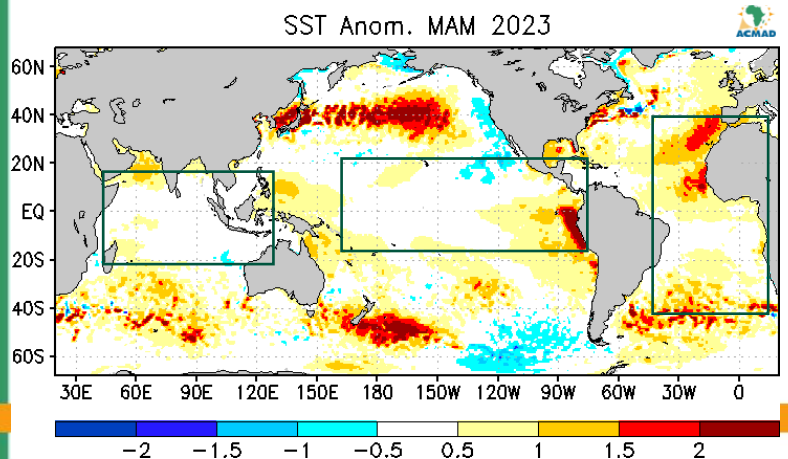
Teleconnections analysis - State of Tropical Ocean

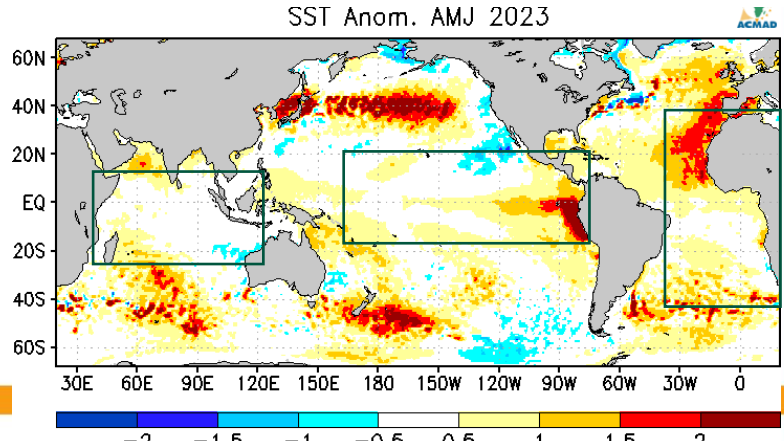
Sea Surface Temperatures mean anomaly outlook



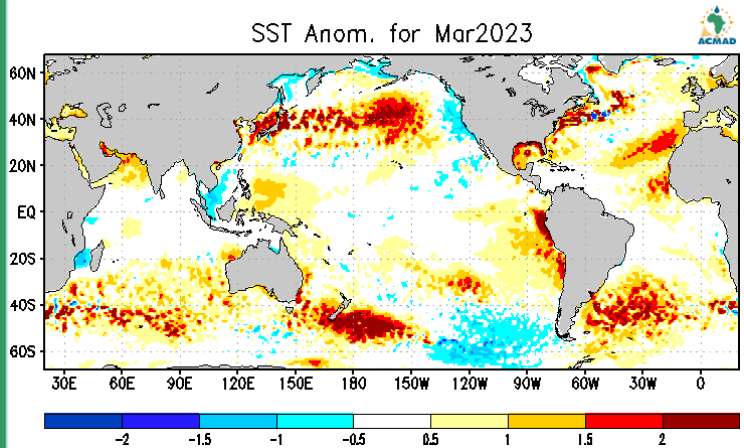


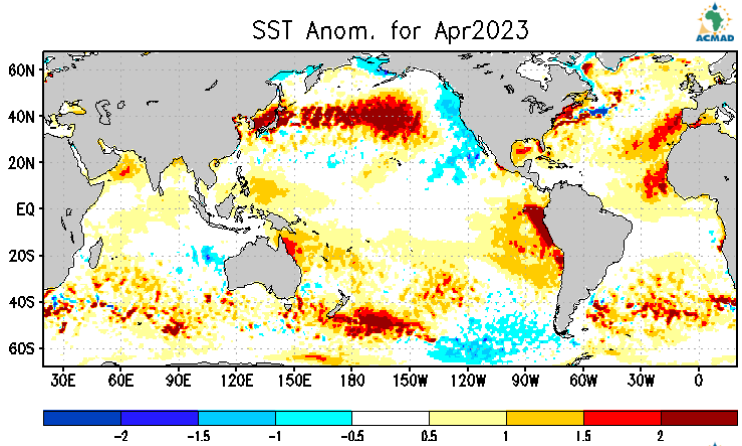
Observed SST

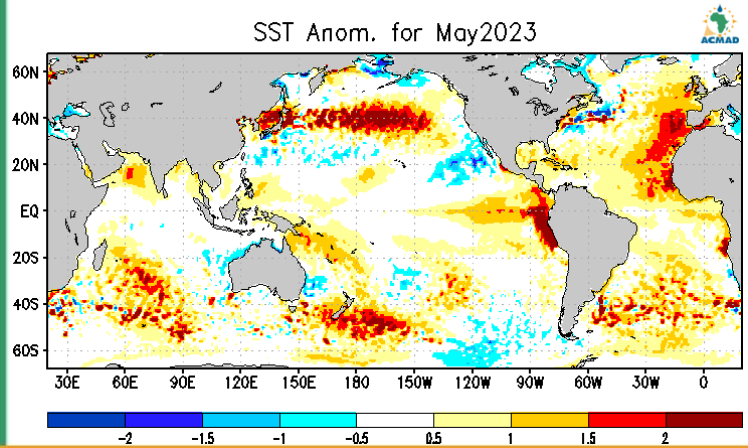


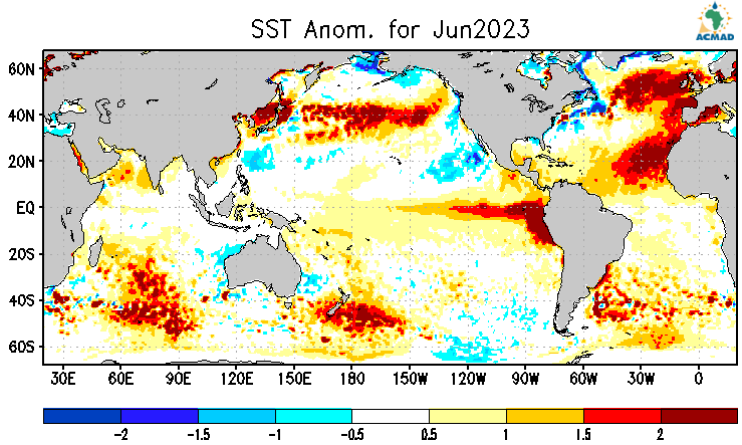


State of Tropical Oceans during the season



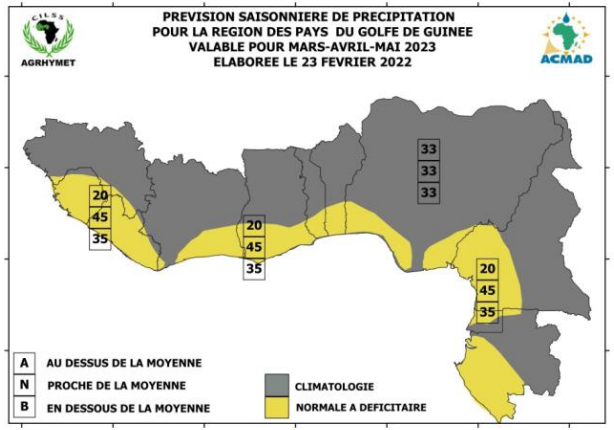




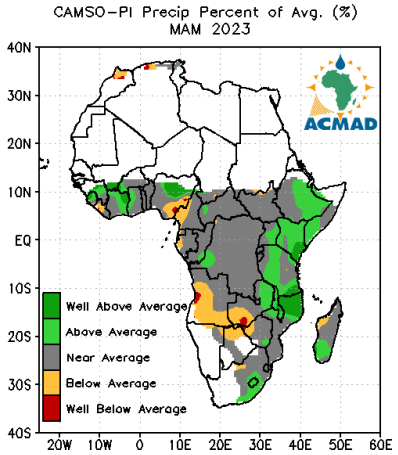


MAM 2023 VERIFICATION

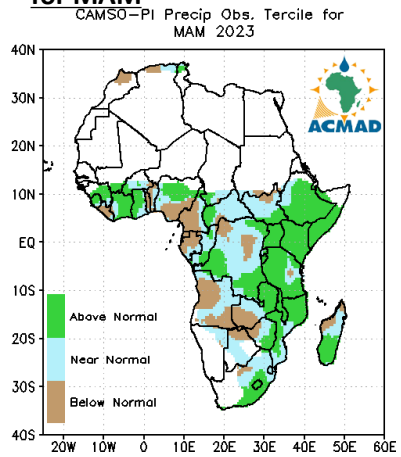
(1) Forecast precip. For MAM 2023

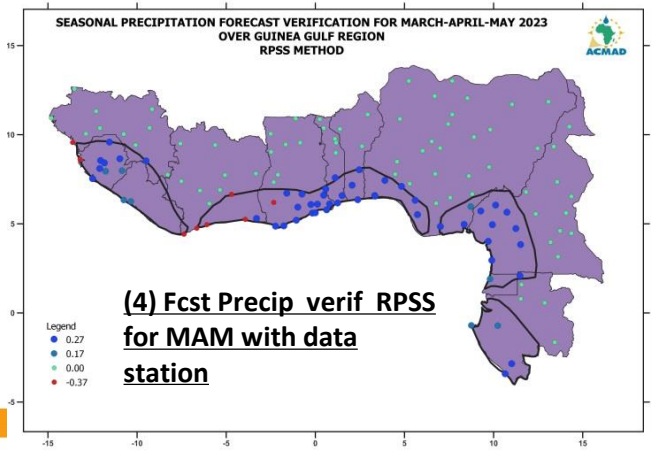


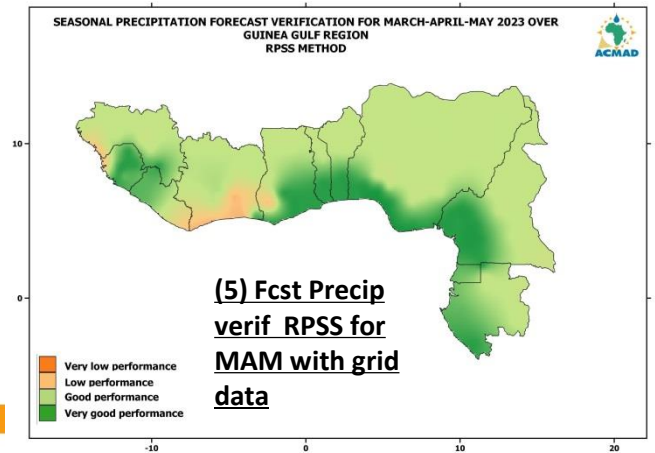
(2) Precip map obs in % for MAM



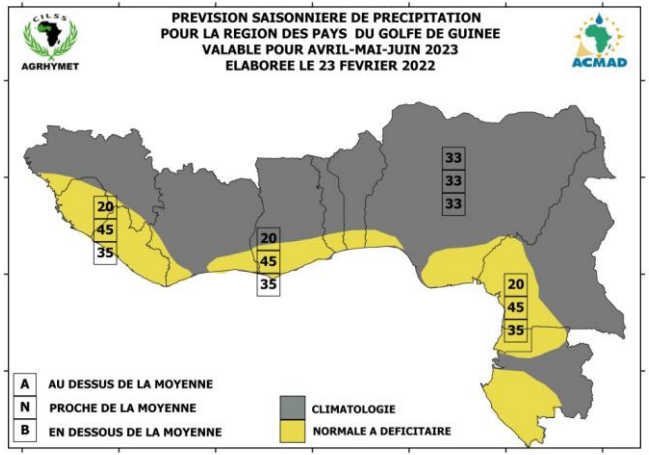
(3) Precip map obs in tercile for MAM

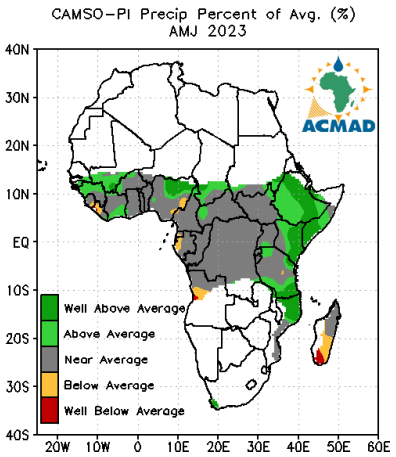


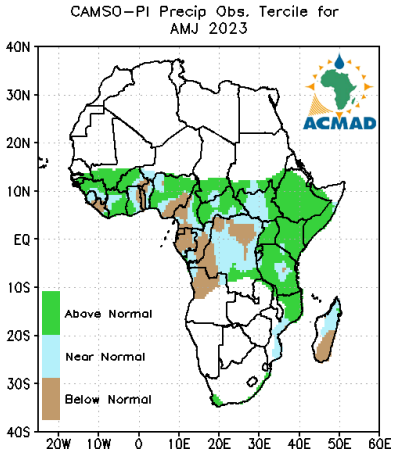


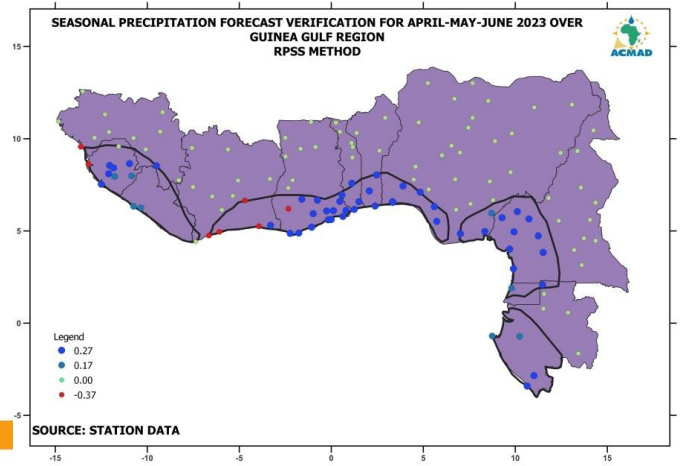


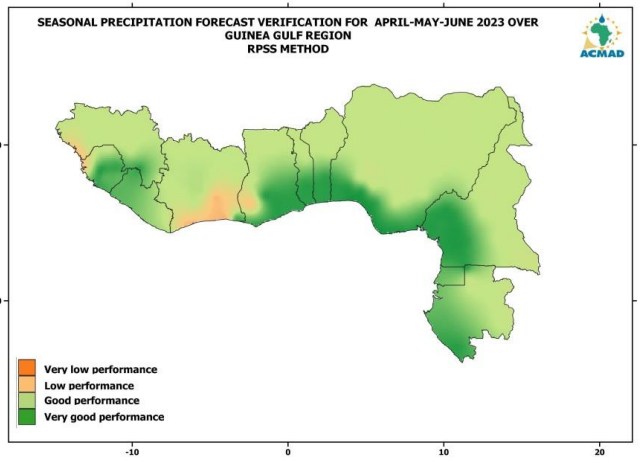
AMJ 2023 VERIFICATION

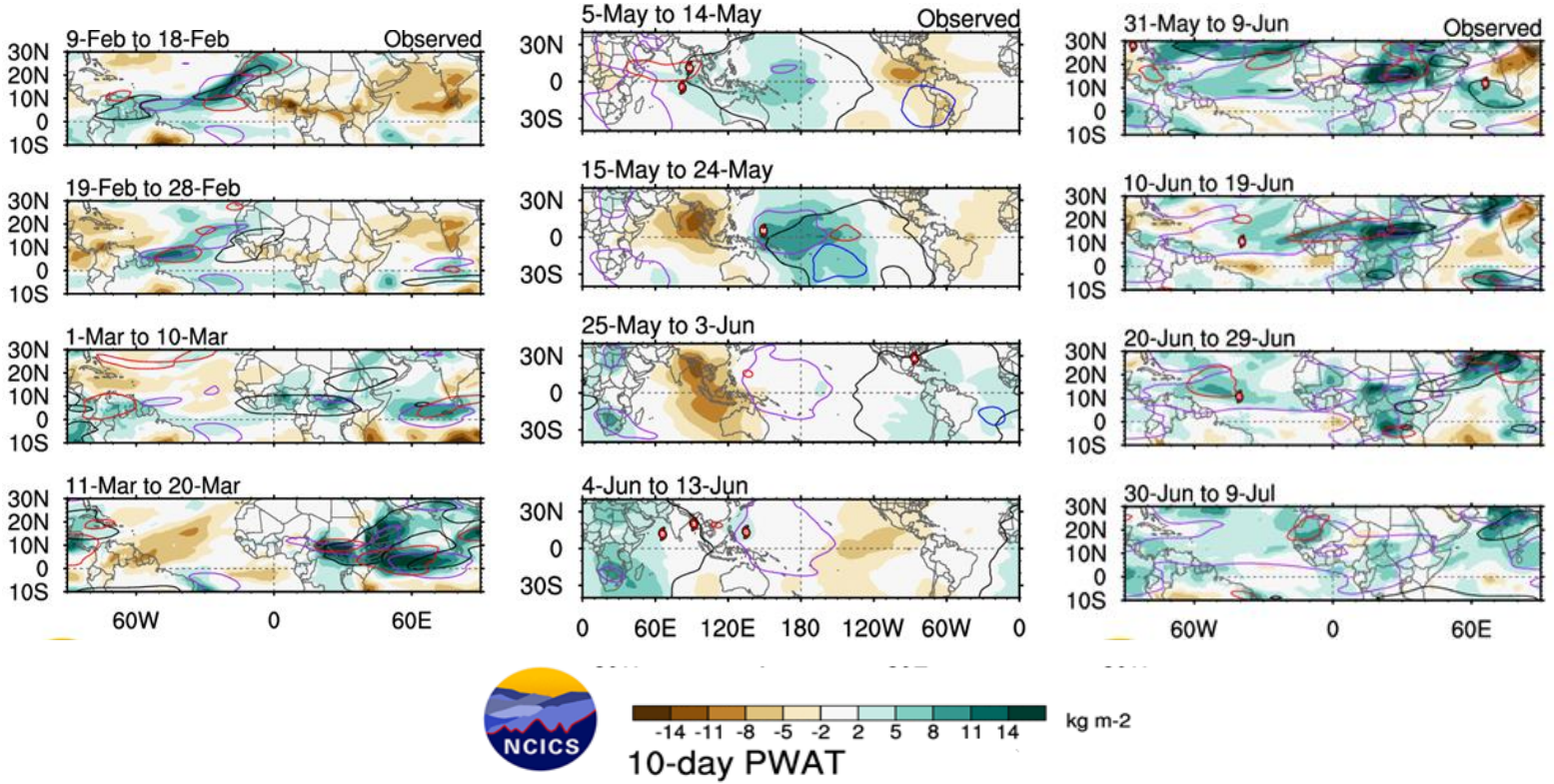


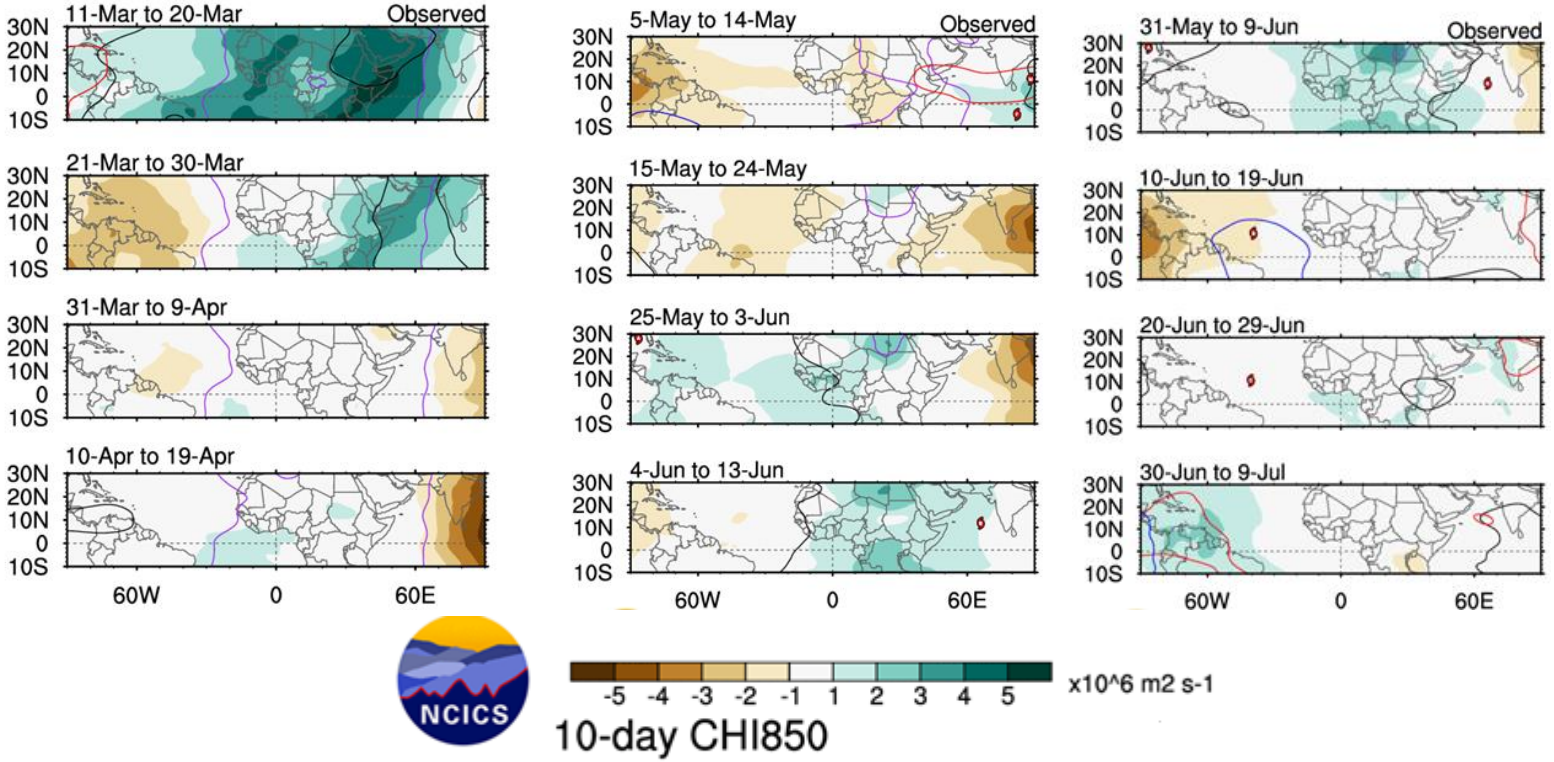









9-Feb to 18-Feb
Observed
19-Feb to 28-Feb
1-Mar to 10-Mar
11-Mar to 20-Mar
5-May to 14-May
Observed
15-May to 24-May
25-May to 3-Jun
4-Jun to 13-Jun
31-May to 9-Jun
Observed
10-Jun to 19-Jun
20-Jun to 29-Jun
30-Jun to 9-Jul
30N
20N
10N
0
10S
30S
60W
0
60E
120E
180
120W
-14 -11 -8 -5 -2 2 5 8 11 14
kg m-2
10-day PWAT
NCICS


11-Mar to 20-Mar
Observed
21-Mar to 30-Mar
31-Mar to 9-Apr
10-Apr to 19-Apr
5-May to 14-May
Observed
15-May to 24-May
25-May to 3-Jun
4-Jun to 13-Jun
31-May to 9-Jun
Observed
10-Jun to 19-Jun
20-Jun to 29-Jun
30-Jun to 9-Jul
30N
20N
10N
0
10S
60W
0
60E
NCICS
-5 -4 -3 -2 -1 1 2 3 4 5
x10^6 m2 s-1
10-day CHI850

THANKS