



18th Regional Climate Outlook Forum over Central Africa Region PRESAC -18

ON LINE

March 04 to 7, 2024



Current State of Climate over the Central Africa Region

Prepared By: ACMAD Team



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



OUTLINE OF CONTENT

01

State of the Global Ocean –
Current and projected Status

02

Drivers Status –
Current and projected

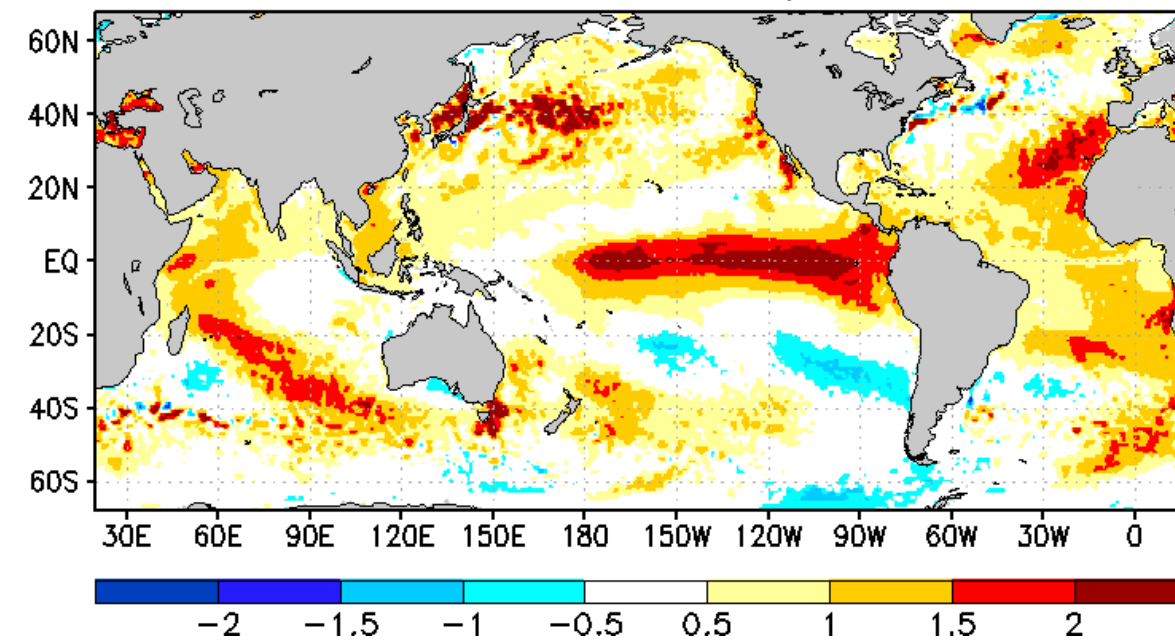
03

Rainfall pattern-
Current and projected

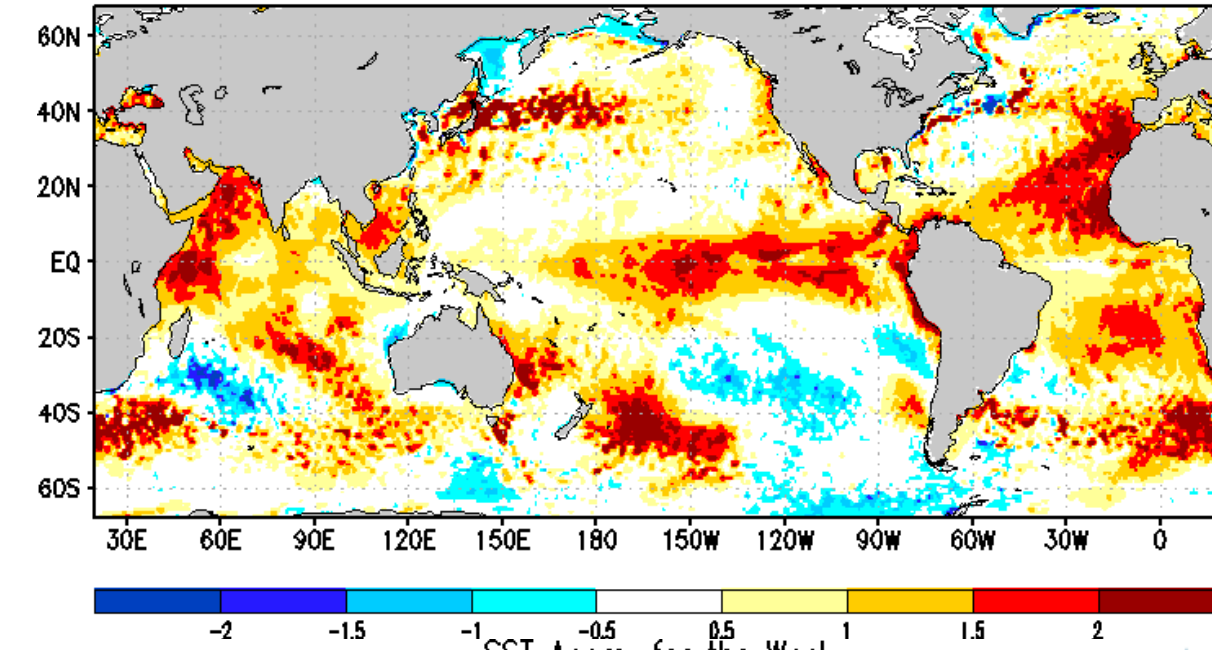




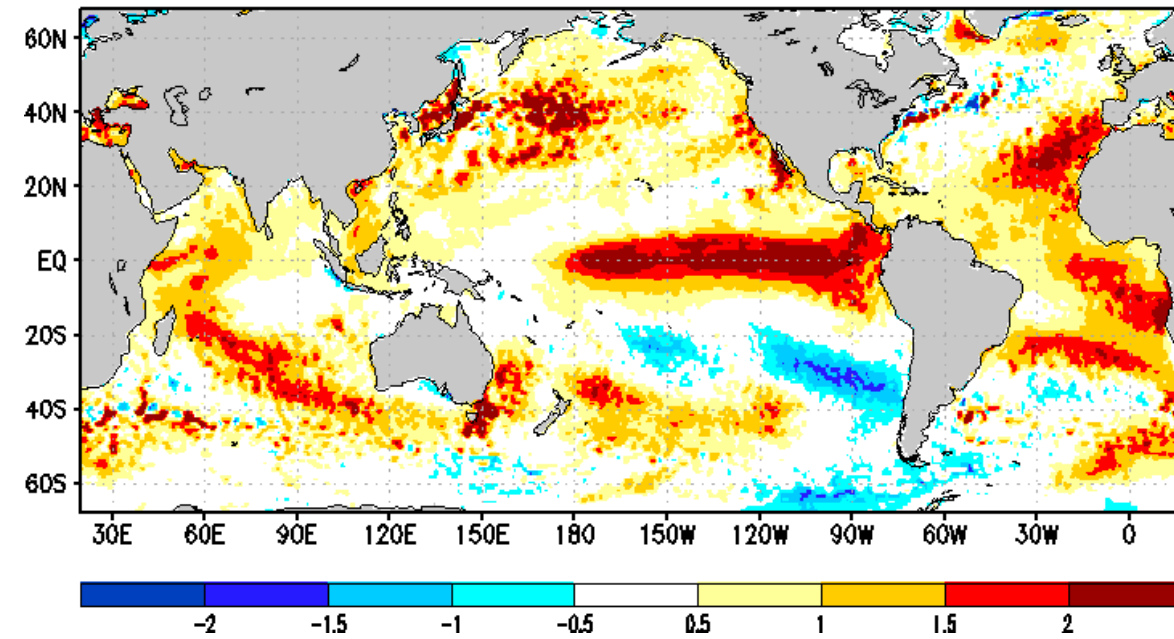
SST Anom. NDJ 2023/2024



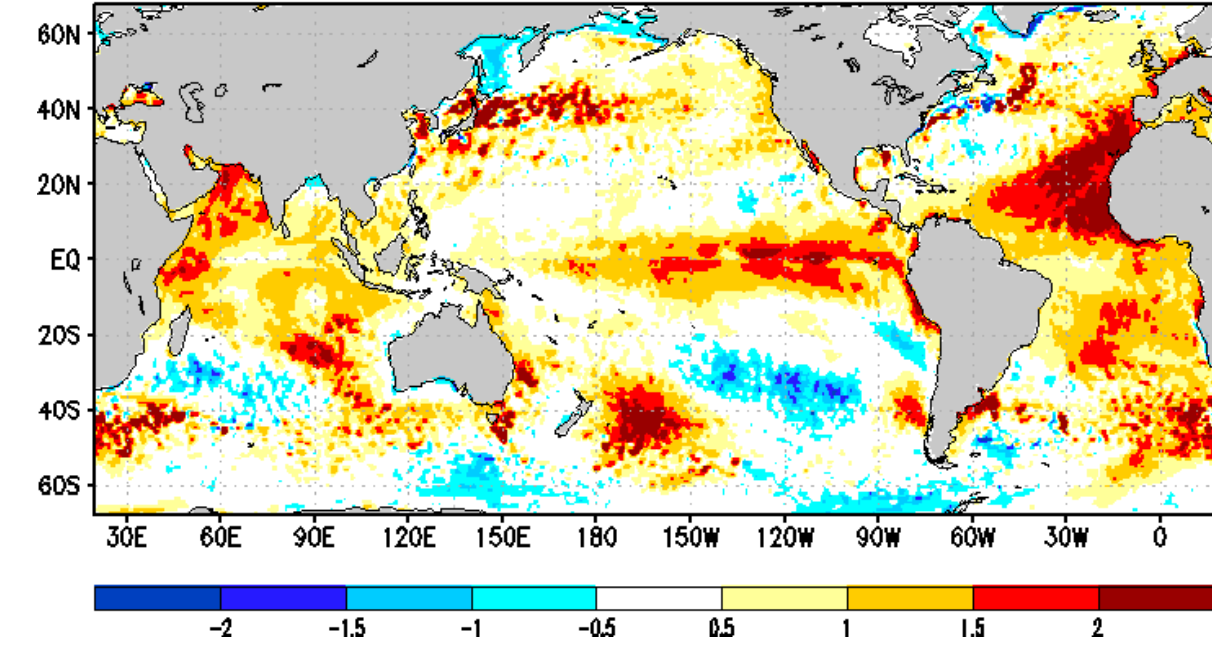
SST Anom. for the Week
From 04Feb2024 to 10Feb2024



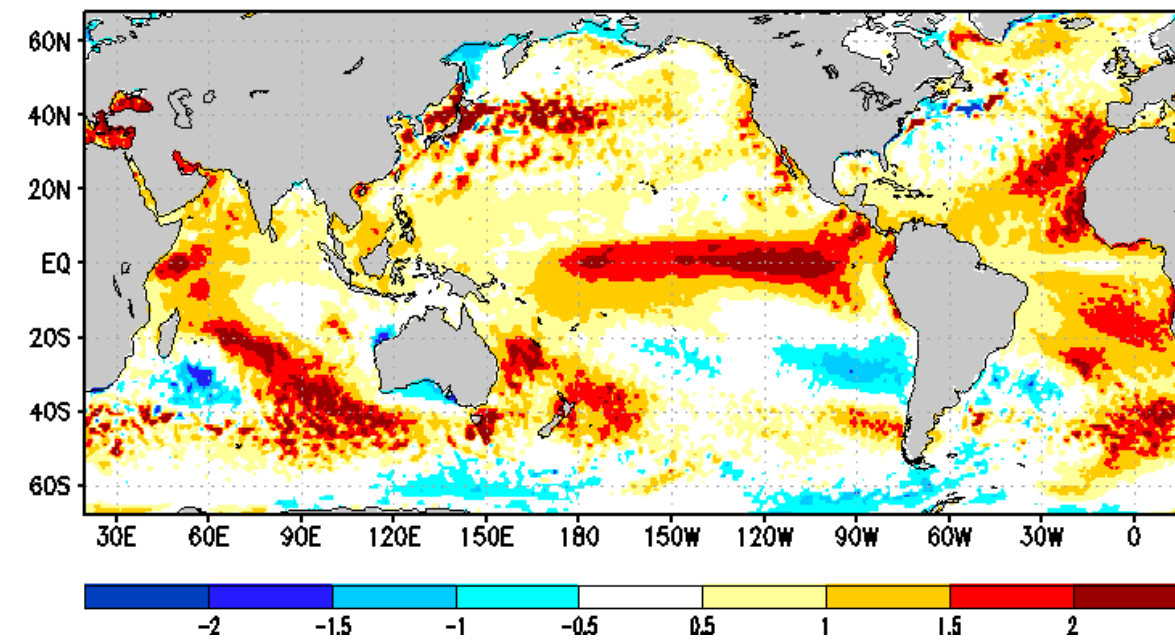
SST Anom. for Dec2023



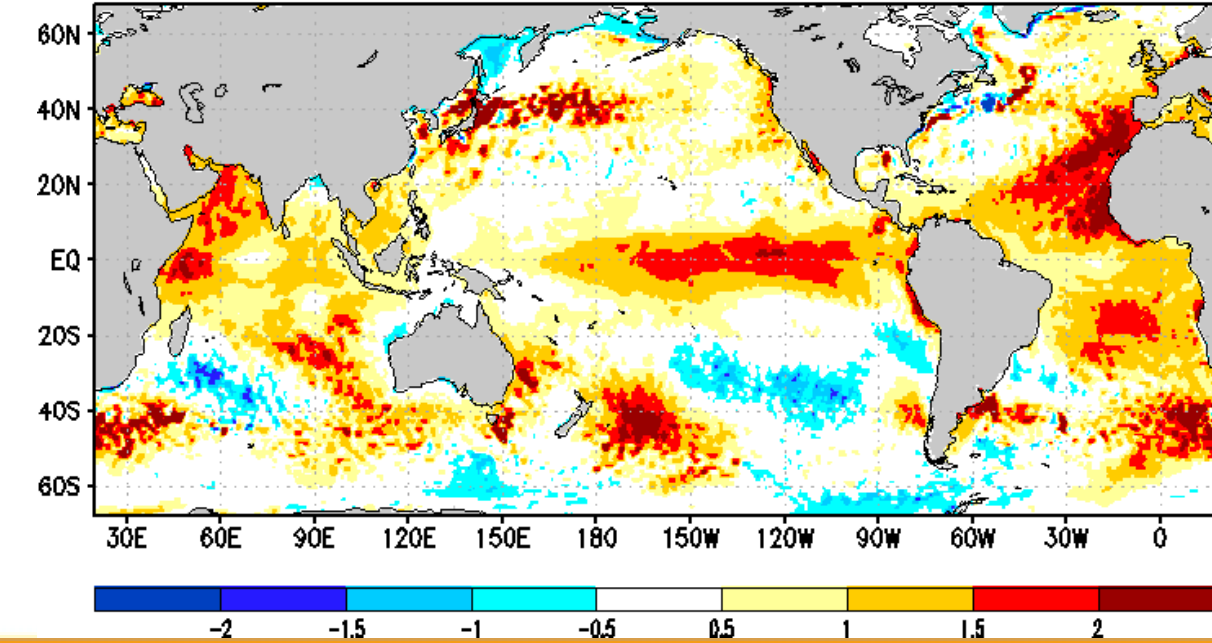
SST Anom. for the Week
From 11Feb2024 to 17Feb2024



SST Anom. for Jan2024



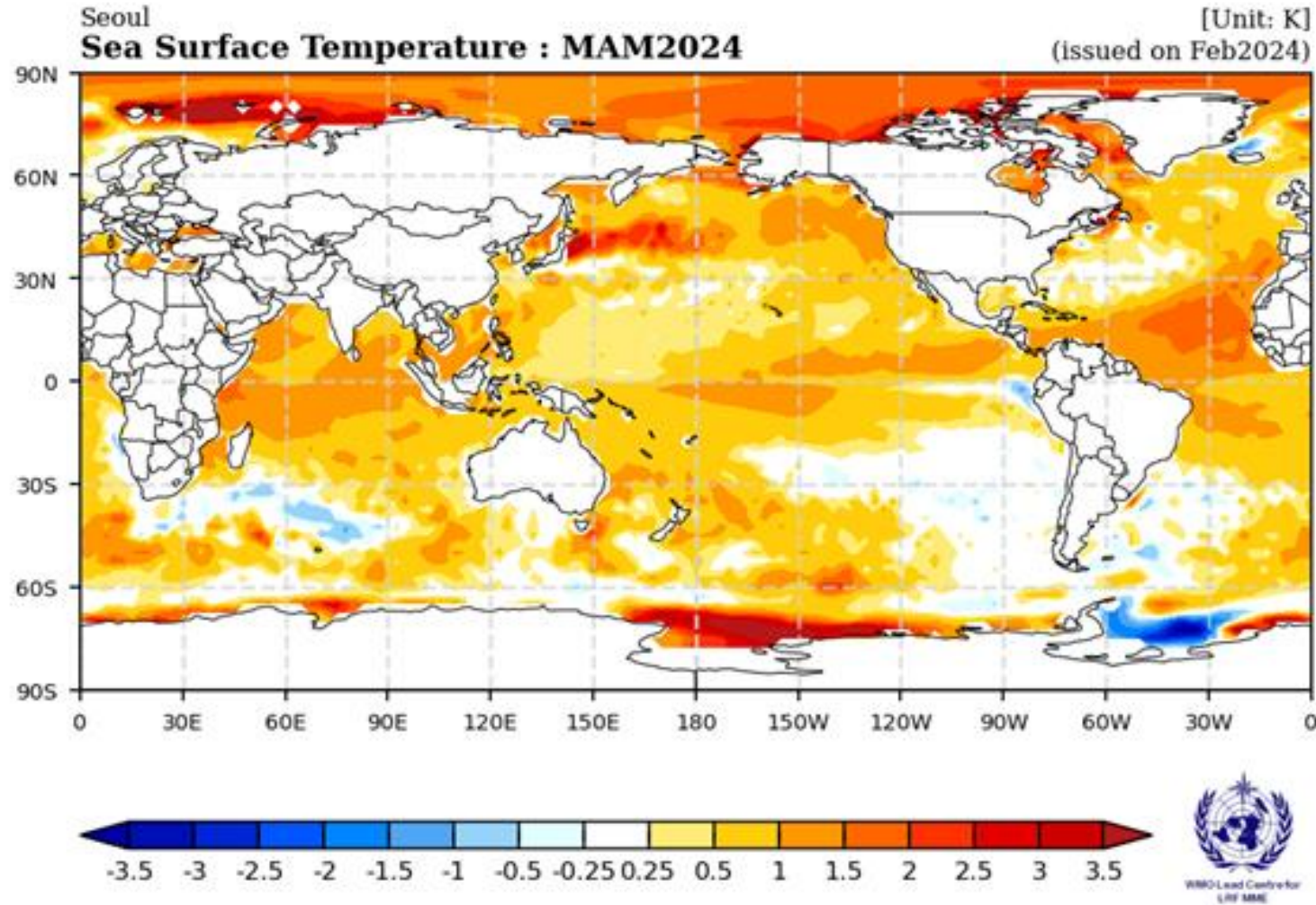
SST Anom. for the Week
From 28Jan2024 to 24Feb2024



State of the Global Ocean – Current Status

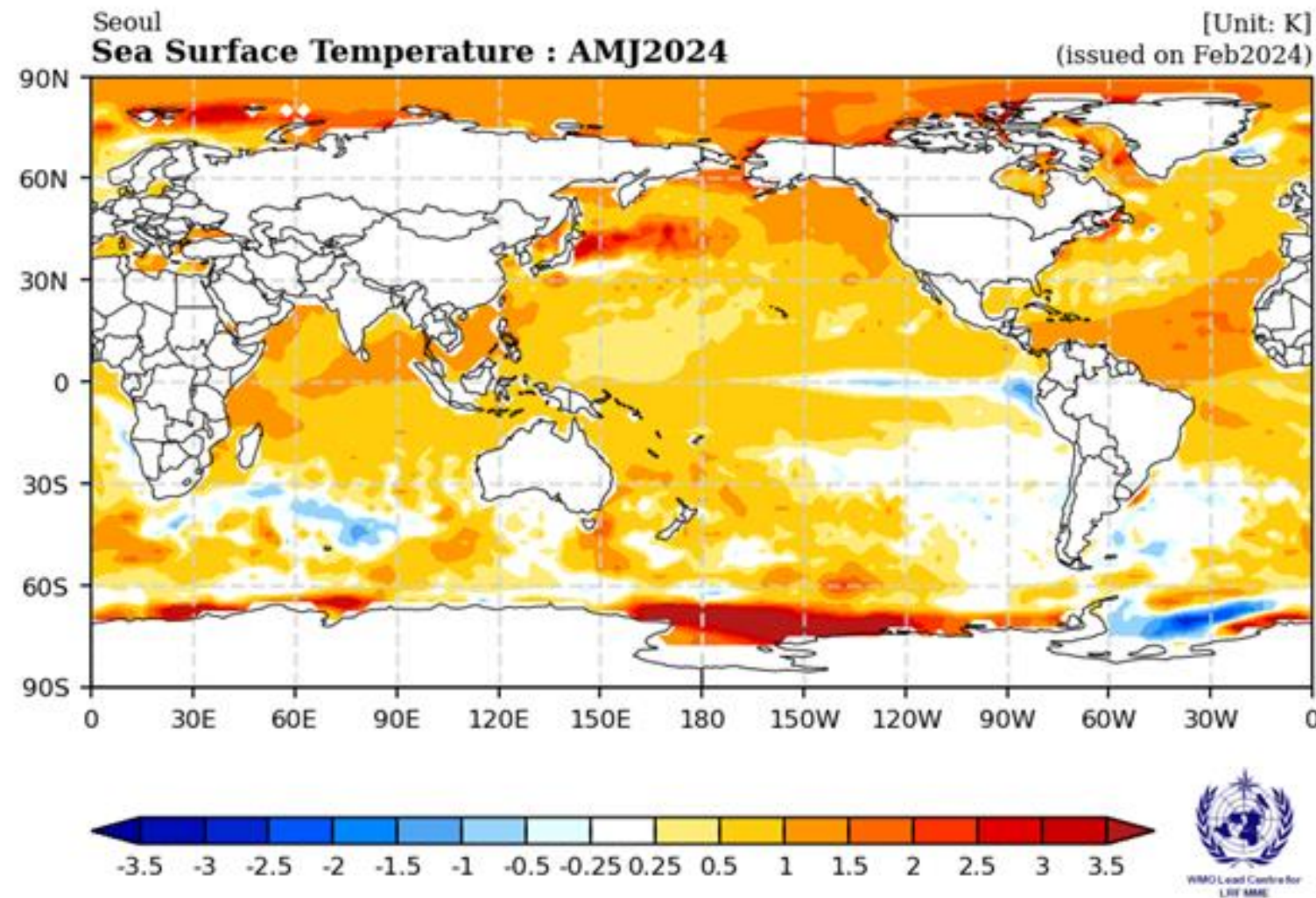
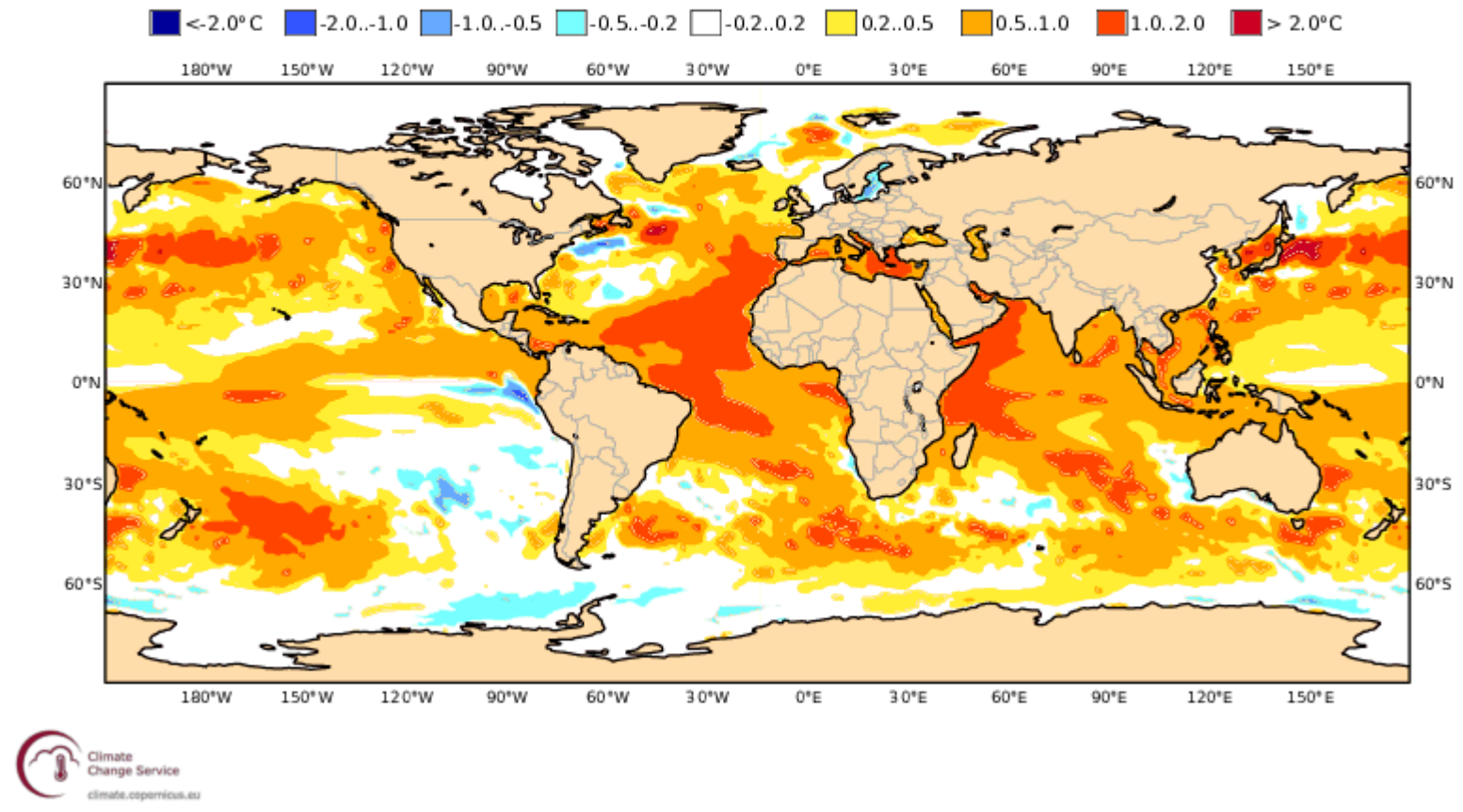


State of the Global Ocean – Projected Status



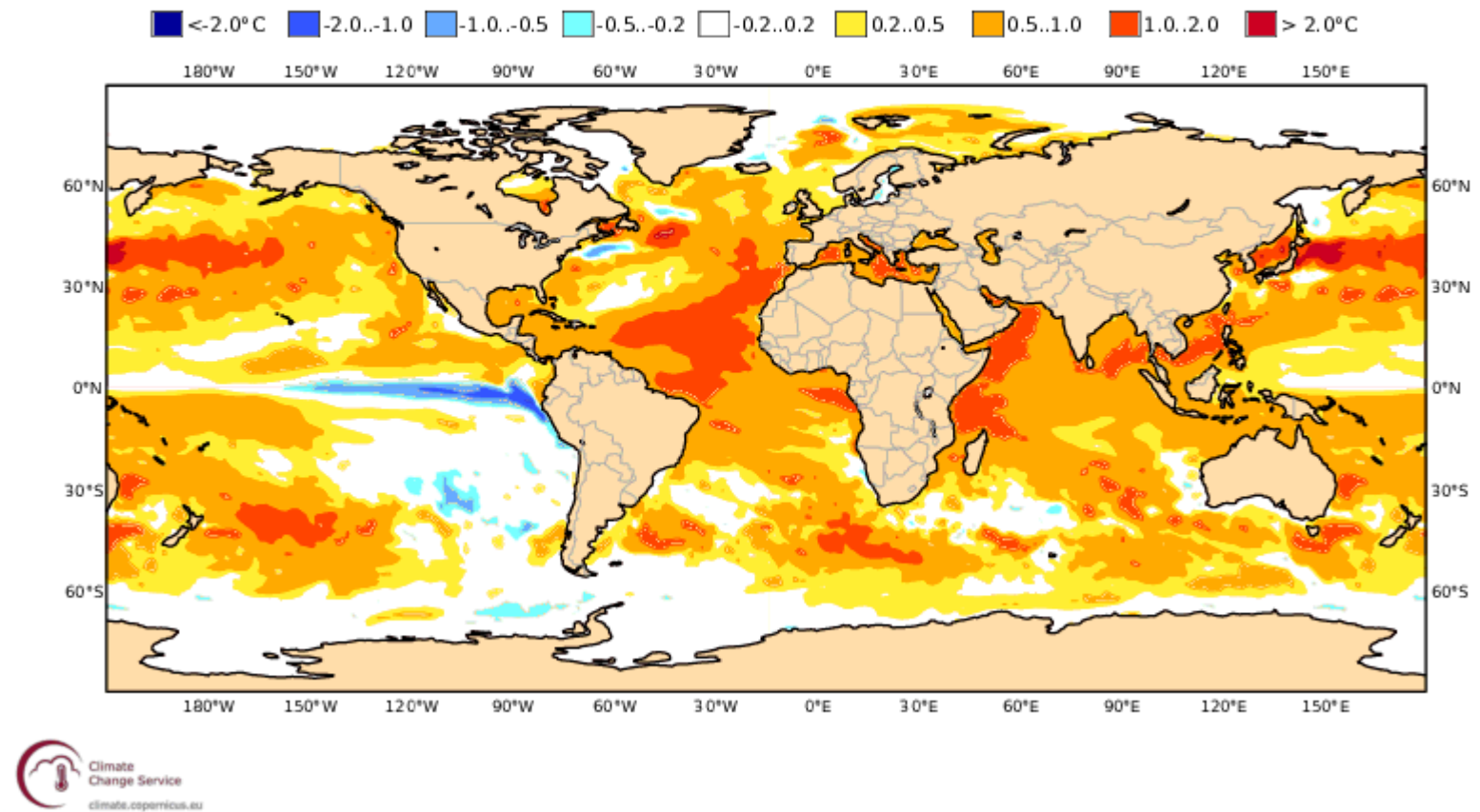
C3S: CMCC contribution
Mean forecast SST anomaly
Nominal forecast start: 01/02/24
Ensemble size = 50, climate size = 960

MAM 2024



C3S: CMCC contribution
Mean forecast SST anomaly
Nominal forecast start: 01/02/24
Ensemble size = 50, climate size = 960

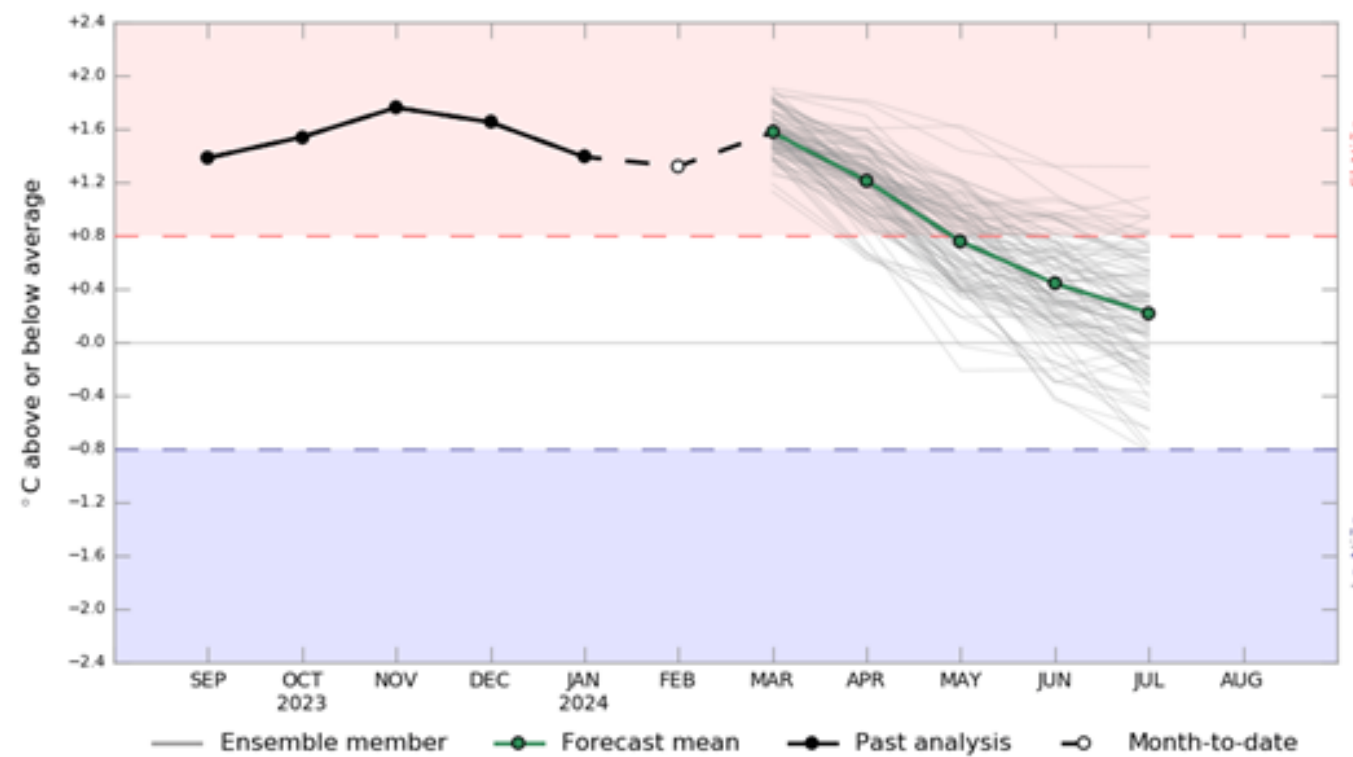
AMJ 2024





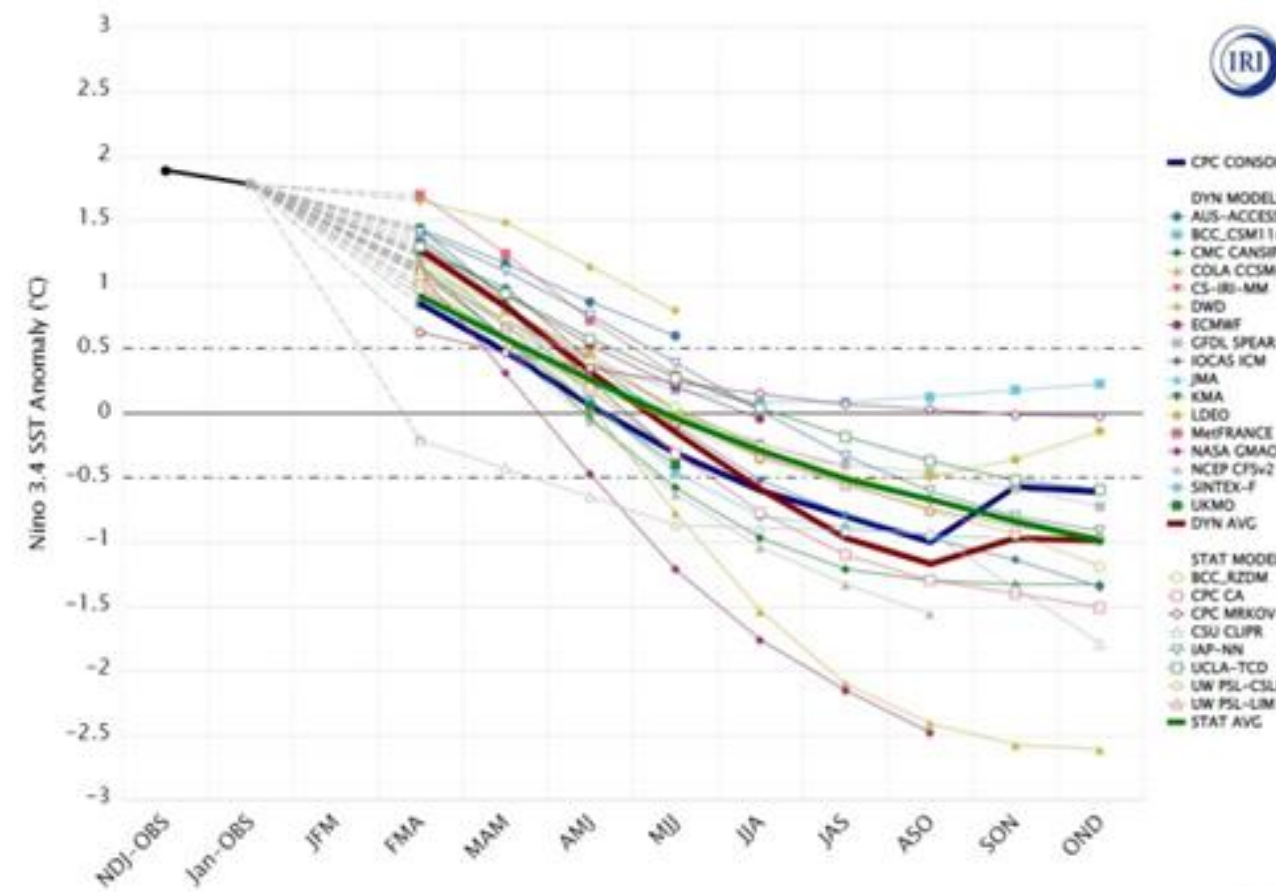
Teleconnections analysis (i,e ENSO) - Index plumes

Monthly sea surface temperature anomalies for NINO3.4 region

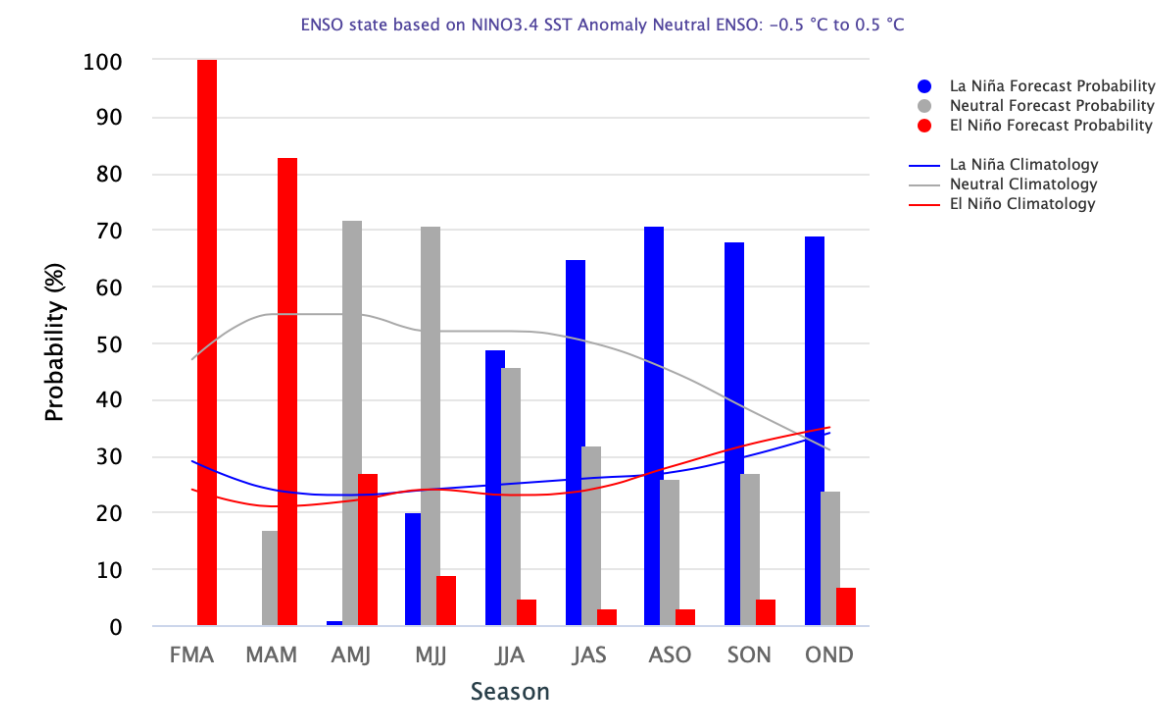


www.bom.gov.au/climate Commonwealth of Australia 2024, Australian Bureau of Meteorology Model: ACCESS-S2 Model run: 17 Feb 2024 Base period 1981-2018

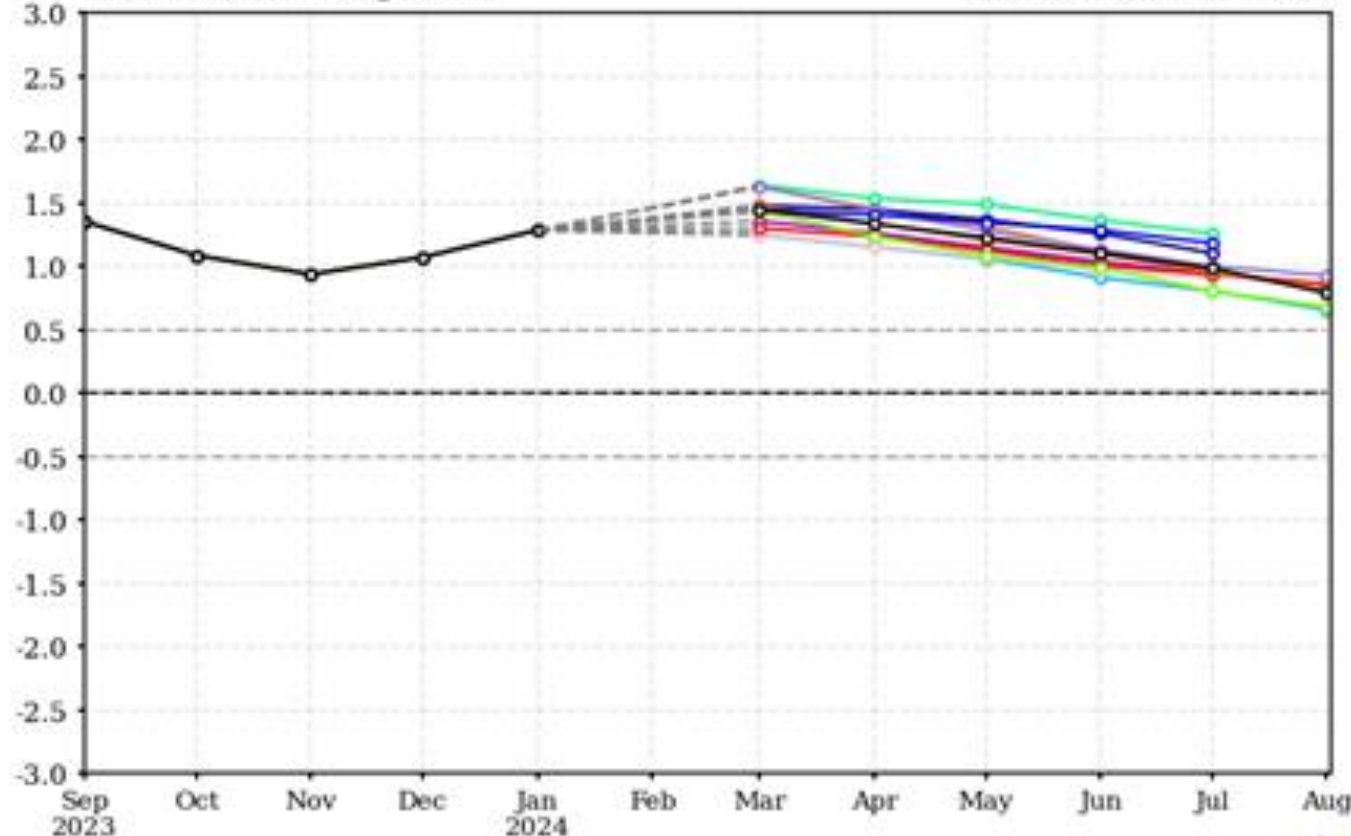
Model Predictions of ENSO from Feb 2024



Mid-February 2024 IRI Model-Based Probabilistic ENSO Forecasts

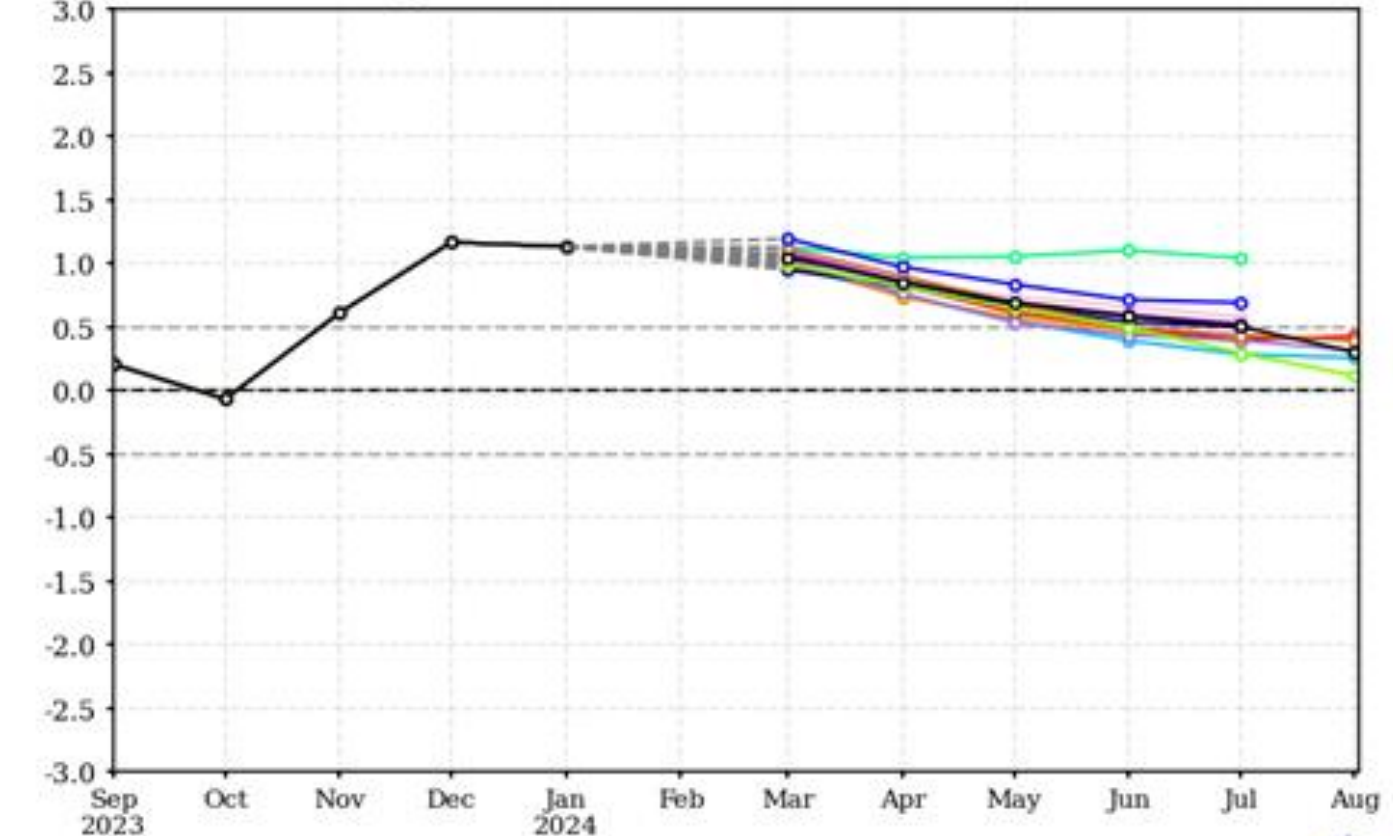


Forecast of TNA (Tropical North Atlantic Index) Mar2024 to Aug2024 (Issued on Feb2024)



Legend: Beijing, CMCC, ECMWF, Exeter, Melbourne, Montreal, Offenbach, Seoul, Tokyo, Toulouse, Washington, MME

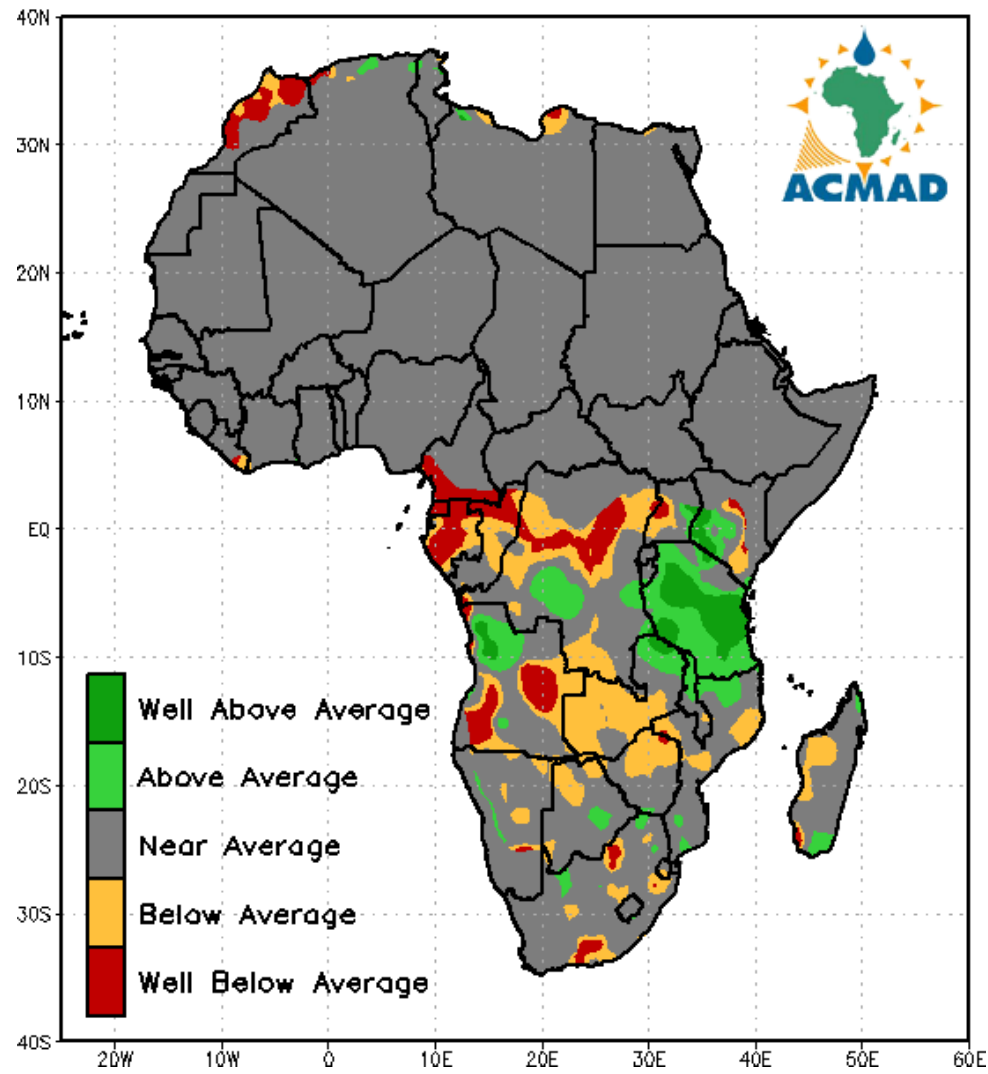
Forecast of TSA (Tropical South Atlantic Index) Mar2024 to Aug2024 (Issued on Feb2024)



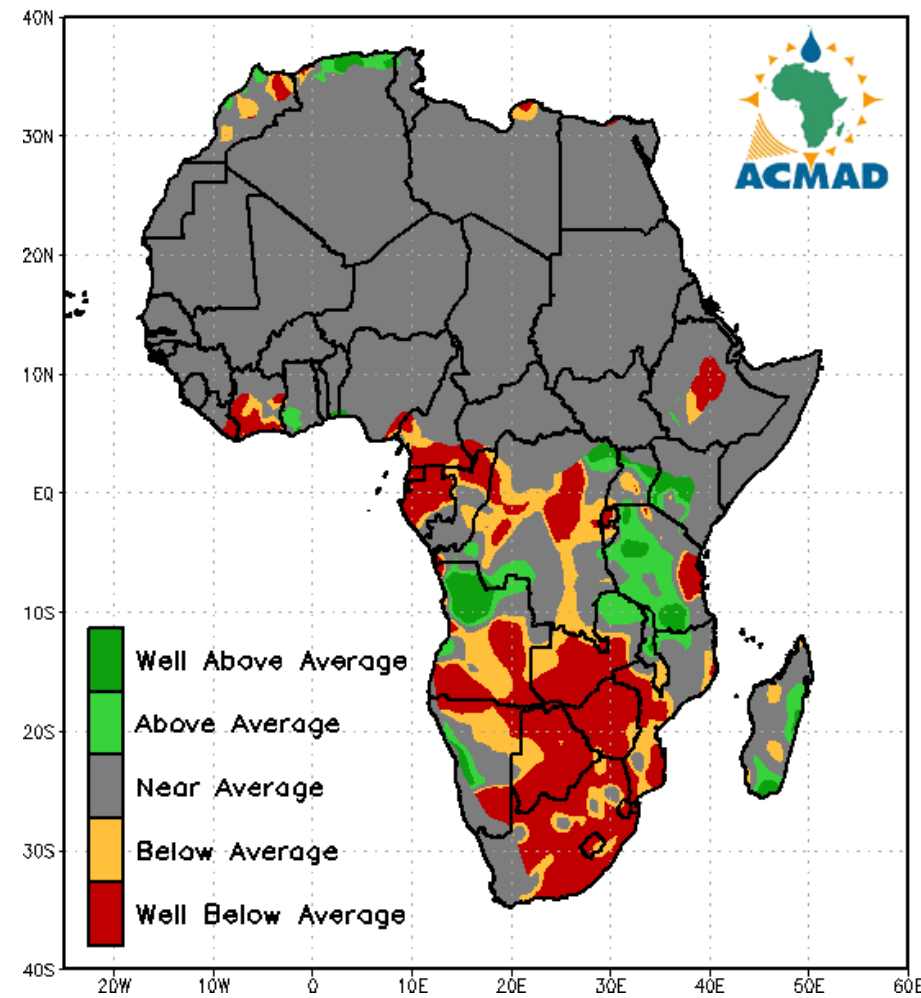
Legend: Beijing, CMCC, ECMWF, Exeter, Melbourne, Montreal, Offenbach, Seoul, Tokyo, Toulouse, Washington, MME



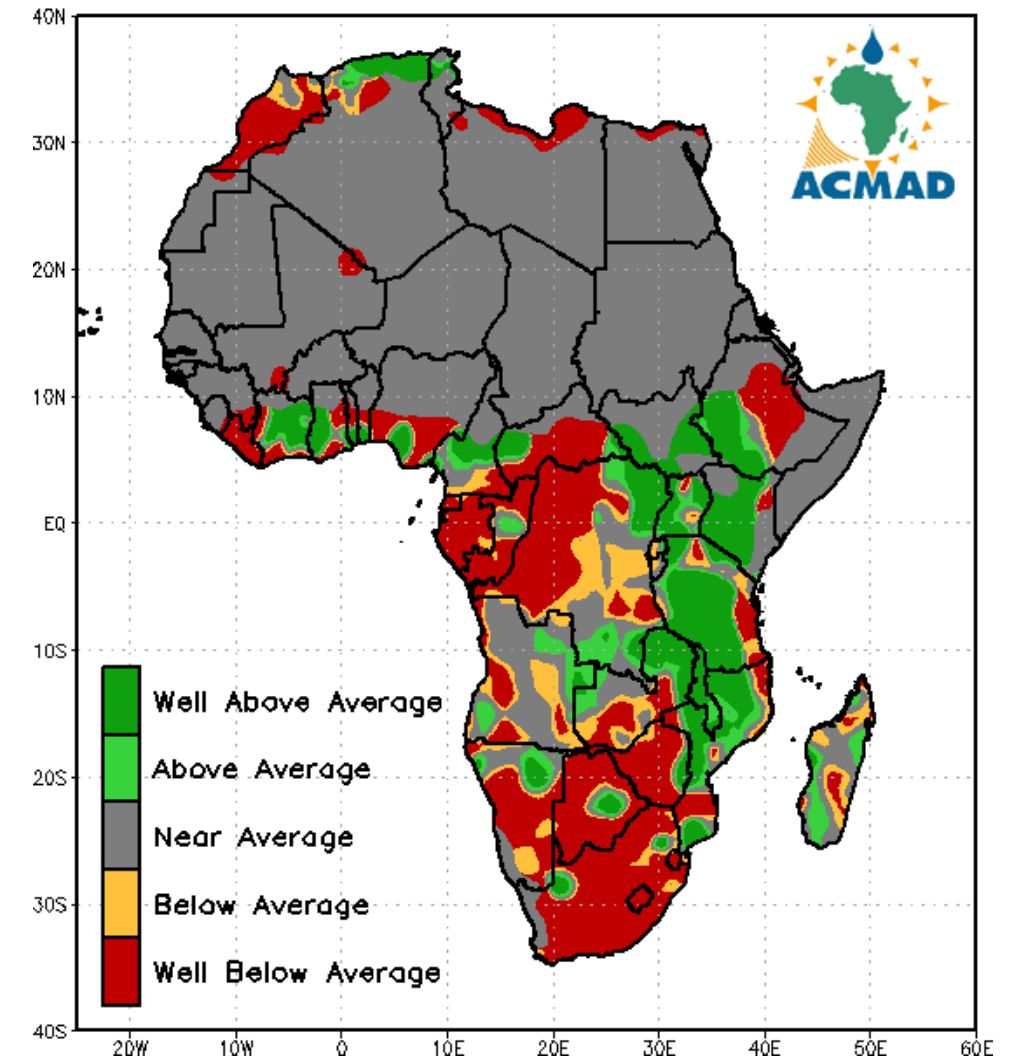
CPC-Uni 90day Precipitation in Percent of Average (%)
Period: 04Dec2023 to 02Mar2024



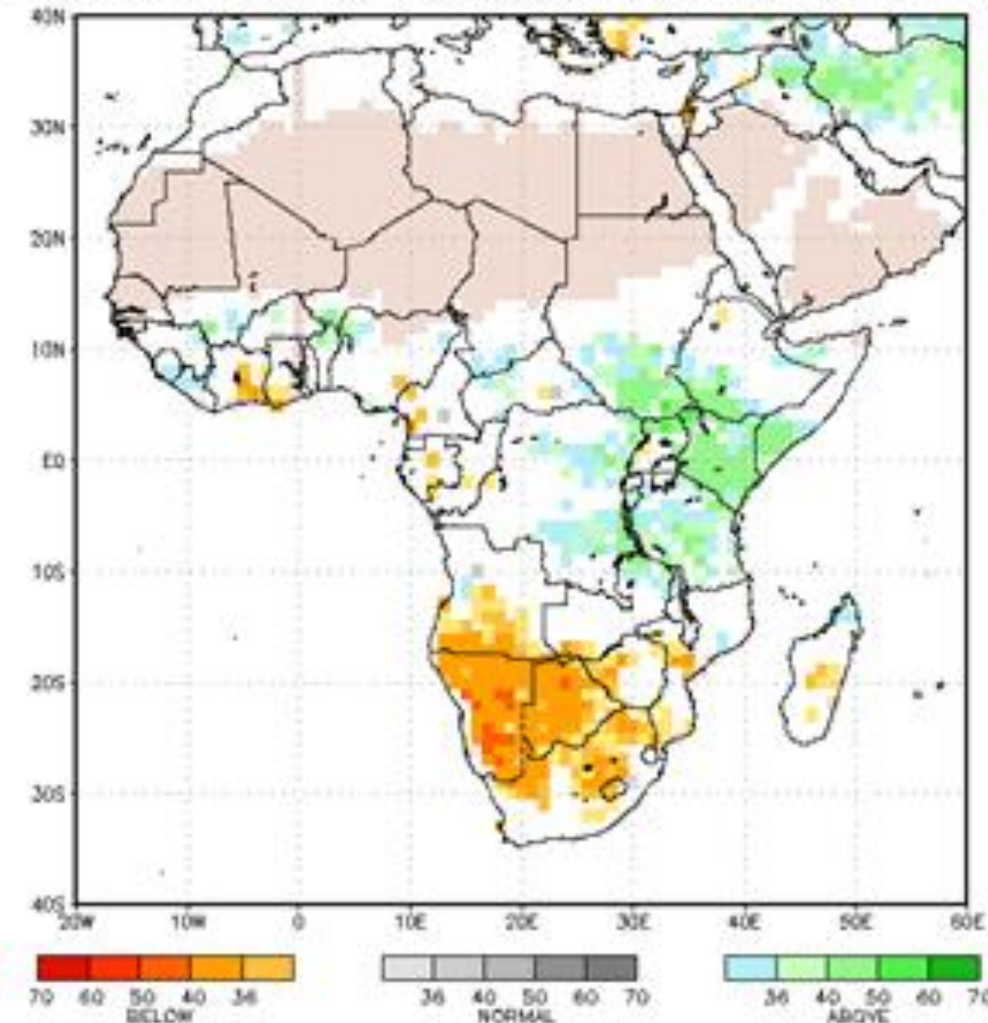
CPC-Uni 30day Precipitation in Percent of Average (%)
Period: 02Feb2024 to 02Mar2024



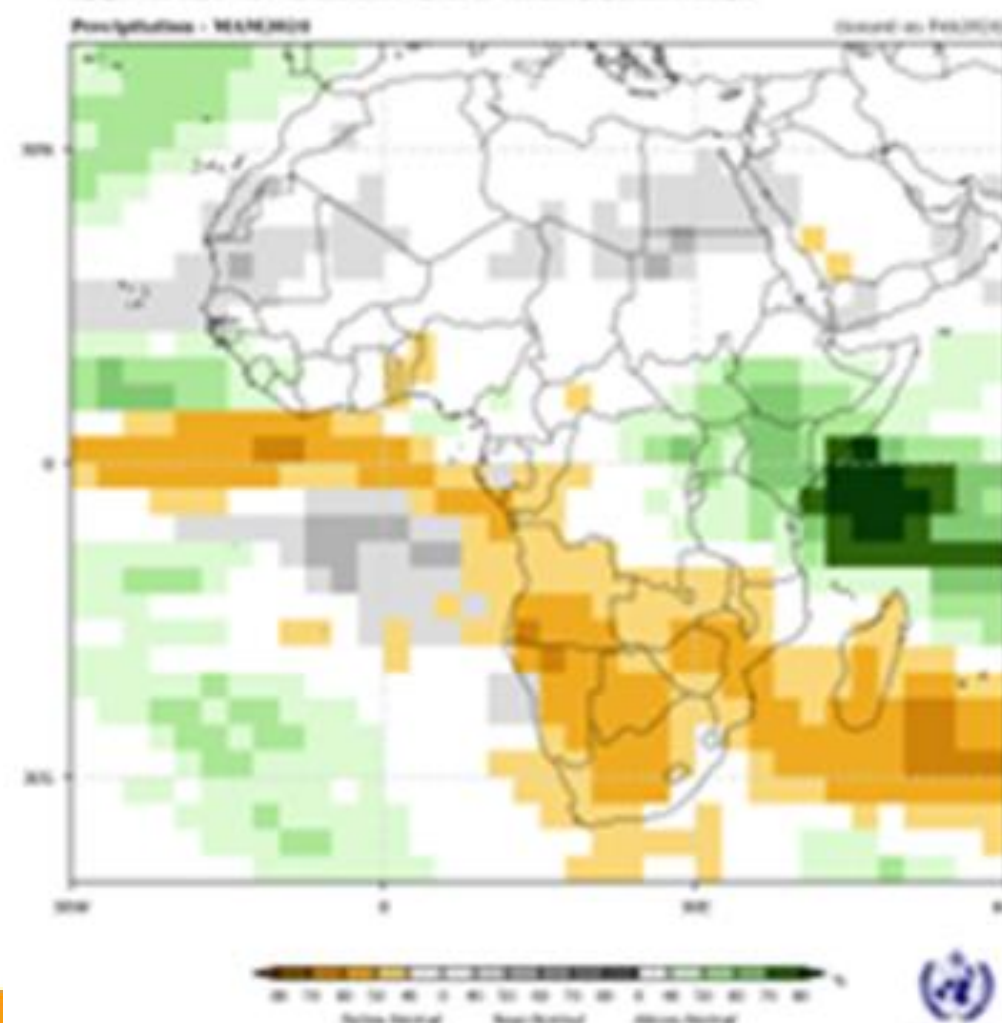
CPC-Uni 7day Precipitation in Percent of Average (%)
Period: 25Feb2024 to 02Mar2024



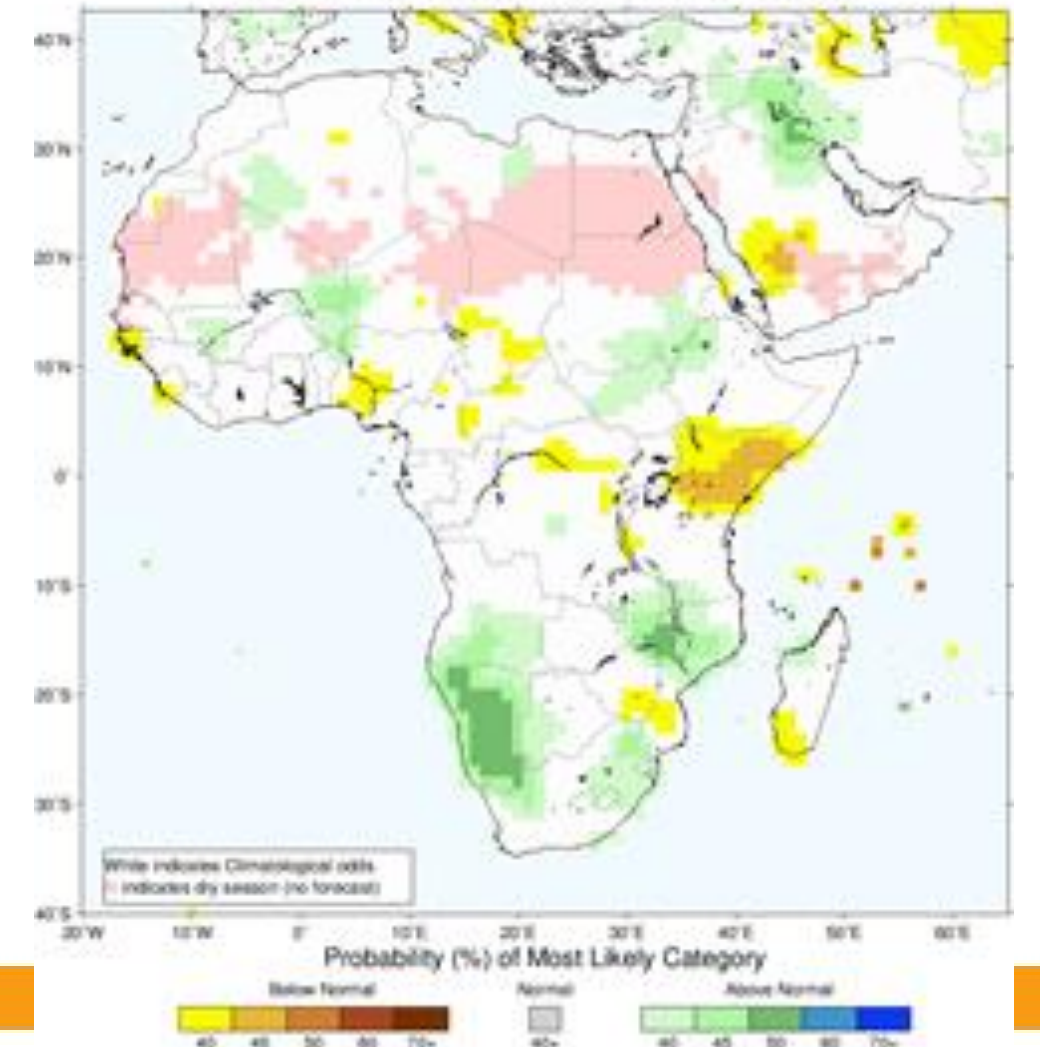
NIIME Precip Prob. Feb13 Mar2024-May2024 Fcst Sand color: Mar-May DryClim Mask



Probabilities: Multi-Model Ensemble Forecast
Issued: 02/11/2023



IRI Multi-Model Probability Forecast for Precipitation for
March-April-May 2023, Issued February 2023





THANK YOU



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