



# CEMADEN

Centro Nacional de Monitoramento e  
Alertas de Desastres Naturais

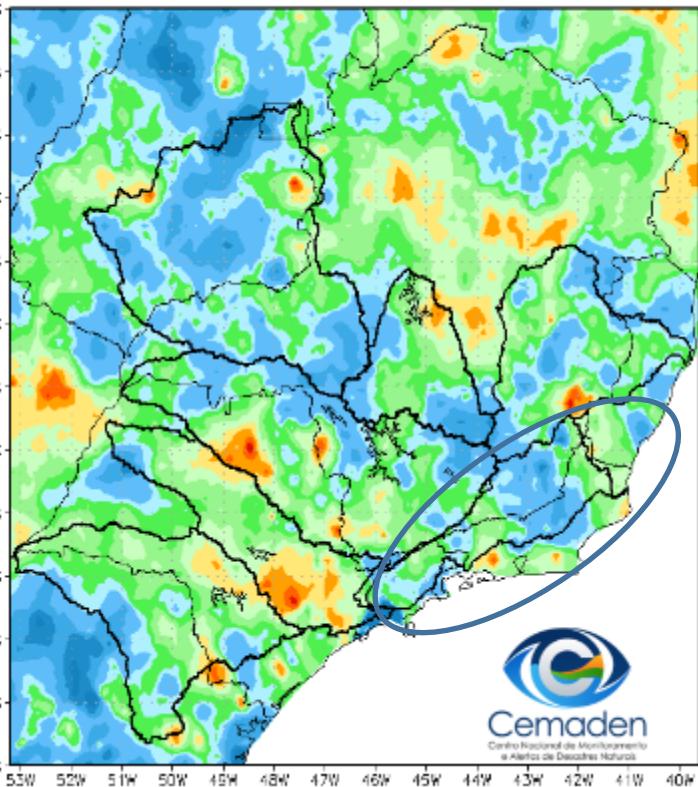
Monitoramento e Previsões  
de Chuva para a  
Bacia do Rio Paraíba do Sul

10 de Dezembro de 2024

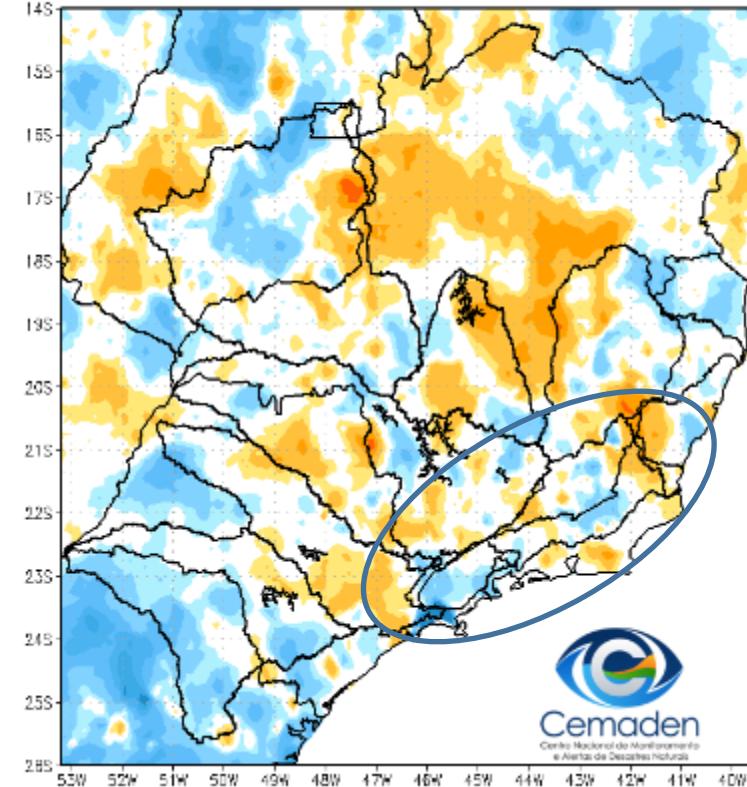


# Precipitação acumulada nos últimos 30 dias

Precipitação Acumulada (mm) A.S.  
Período: 09/11/2024 a 09/12/2024

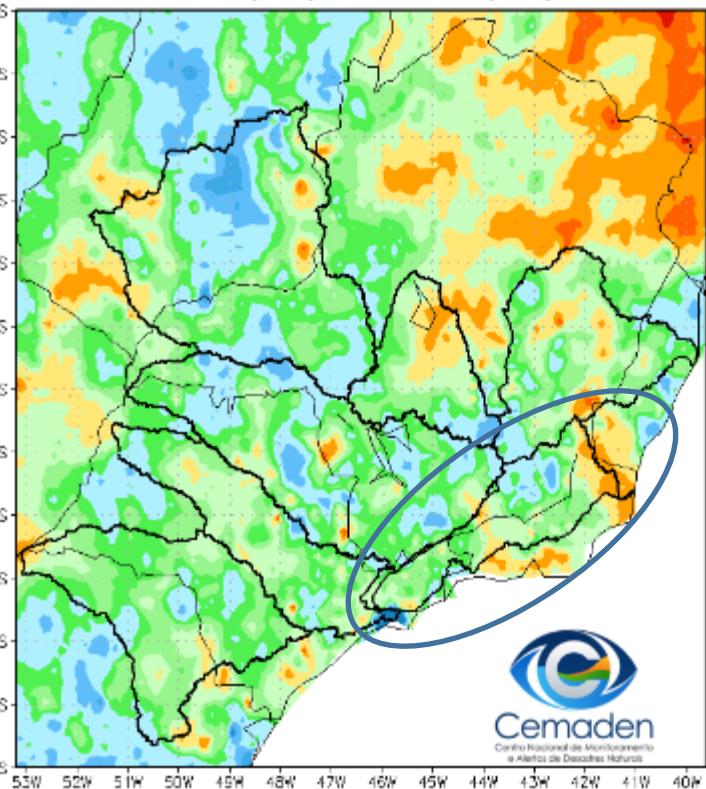


Anomalia de Precipitação (mm) A.S.  
Período: 09/11/2024 a 09/12/2024

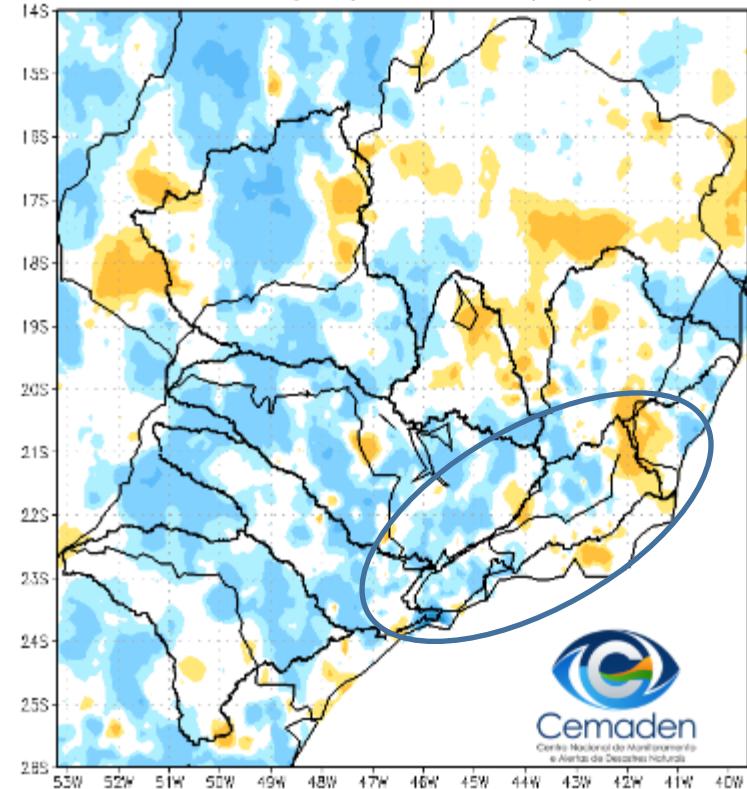


# Precipitação acumulada no ano hidrológico

Precipitação Acumulada (mm) A.S.  
Período: 01/10/2024 a 09/12/2024

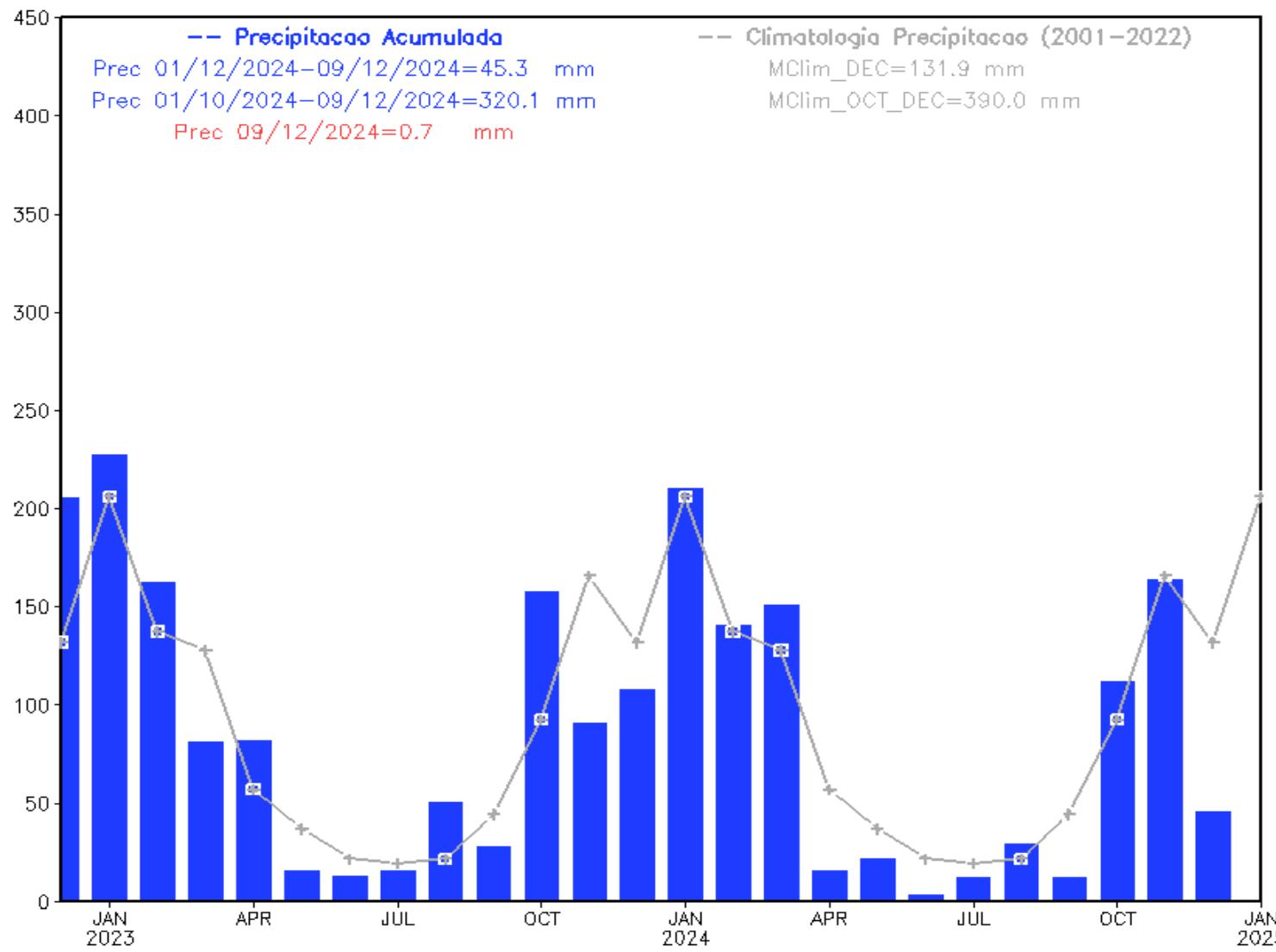


Anomalia de Precipitação (mm) A.S.  
Período: 01/10/2024 a 09/12/2024

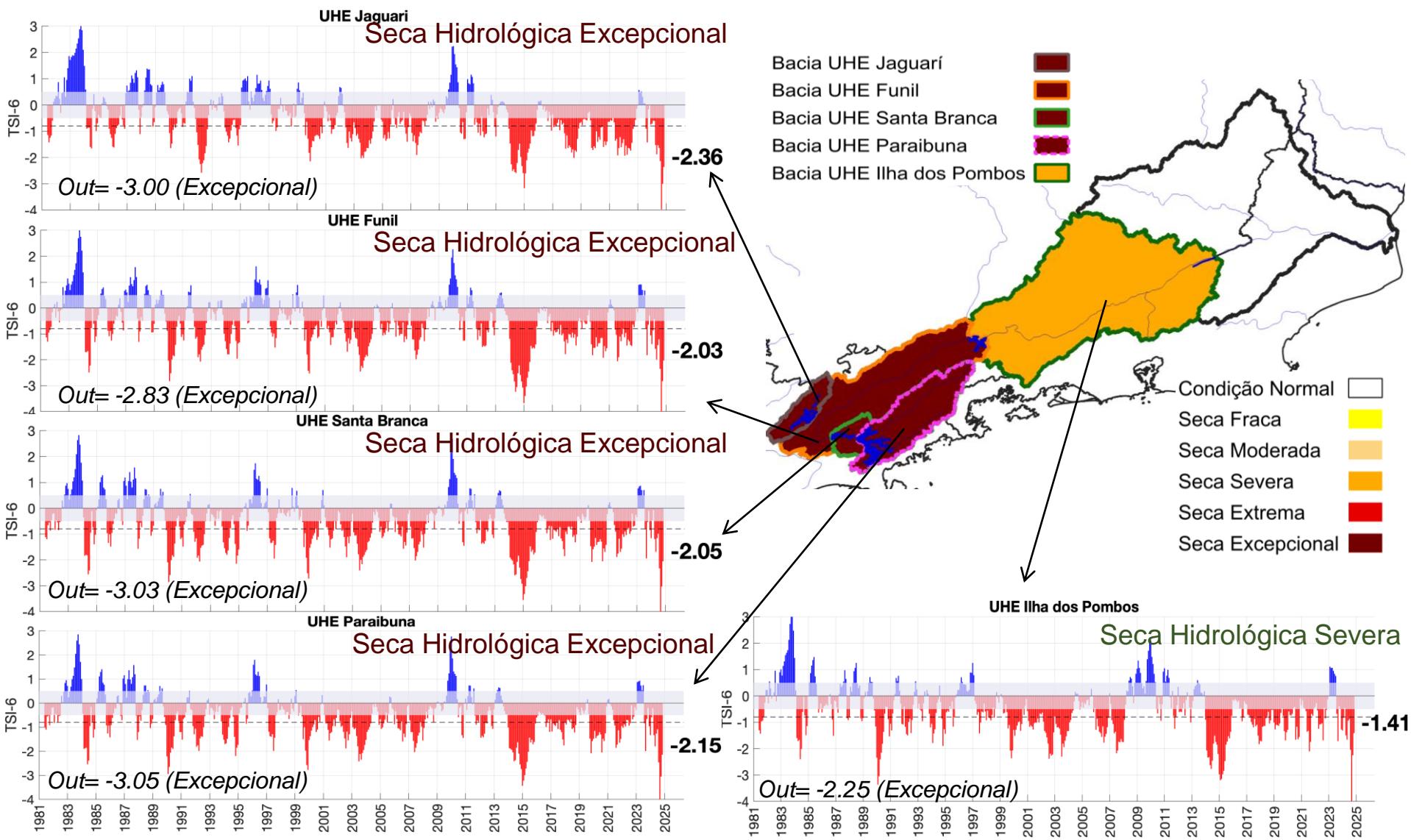


# Precipitação nos últimos 2 anos

## Precipitacao Bacia do Rio Paraiba\_Sul desde DEC 2022

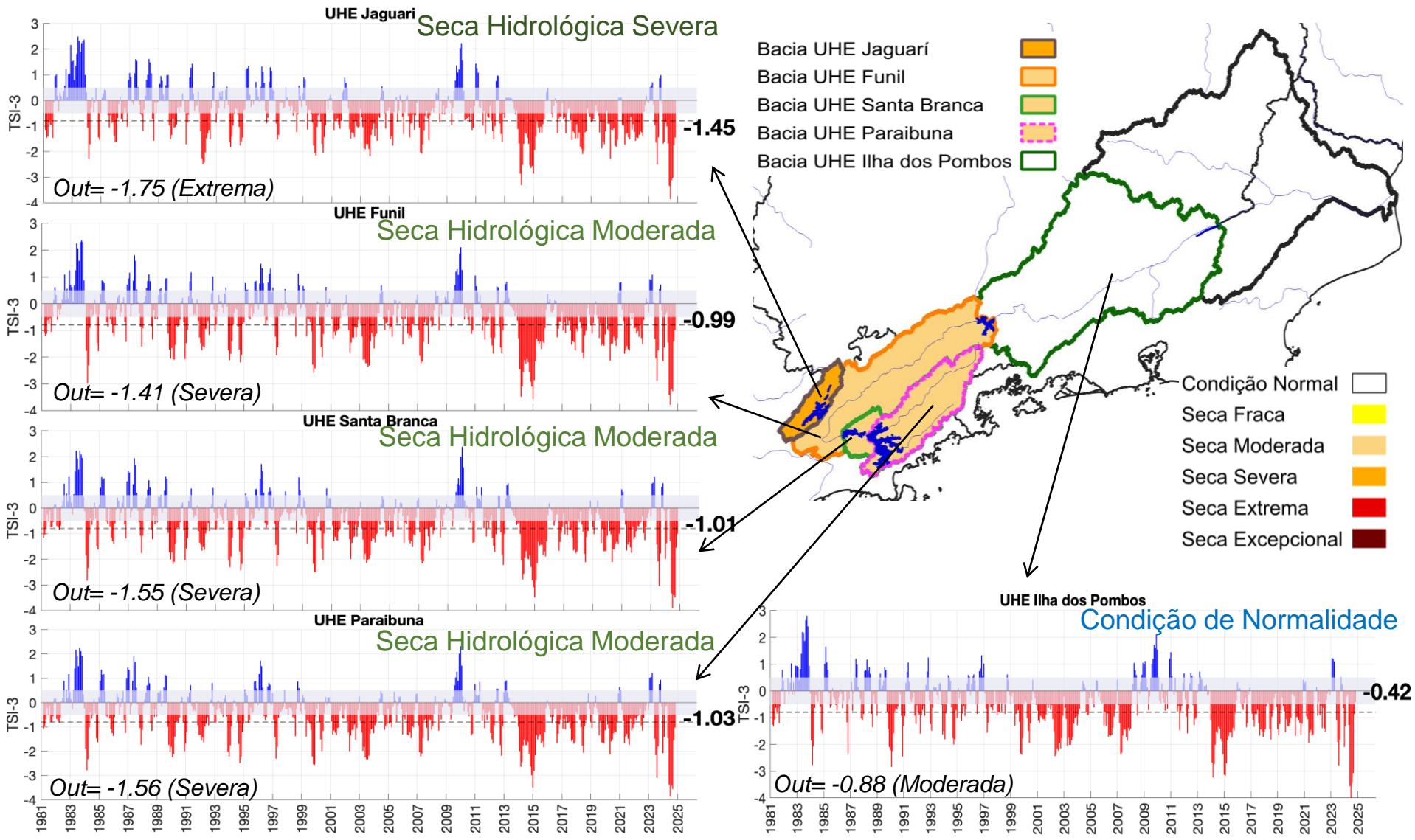


# Índice Padronizado Bivariado (Chuva-Vazão) - TSI6



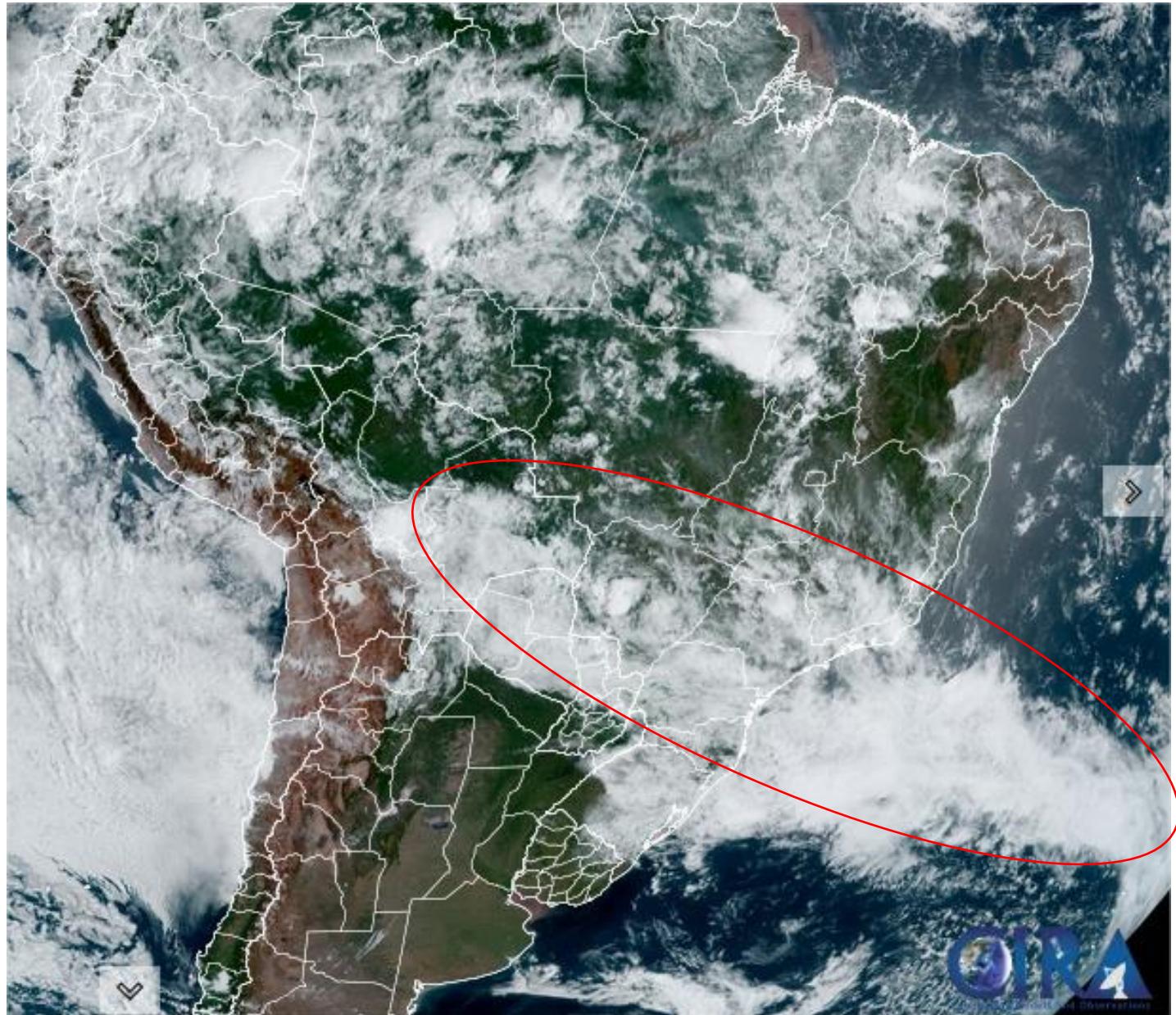
Fonte dos dados: Precipitação (Cemaden/INMET) e Vazão (ONS/ANA) - Jan/1981-Nov/2024. Estimativa TSI e Gráficos: CEMADEN

# Índice Padronizado Bivariado (Chuva-Vazão) - TSI3

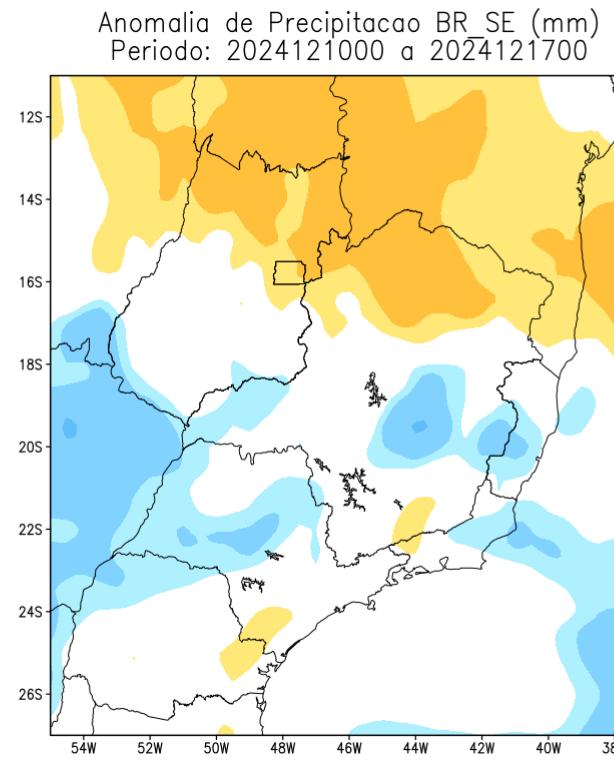
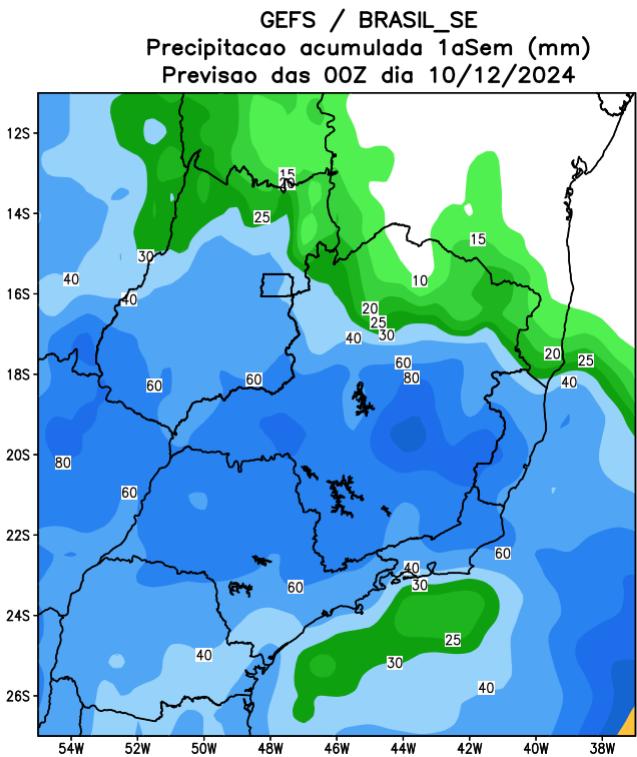


Fonte dos dados: Precipitação (Cemaden/INMET) e Vazão (ONS/ANA) - Jan/1981-Nov/2024. Estimativa TSI e Gráficos: CEMADEN

## Situação meteorológica atual

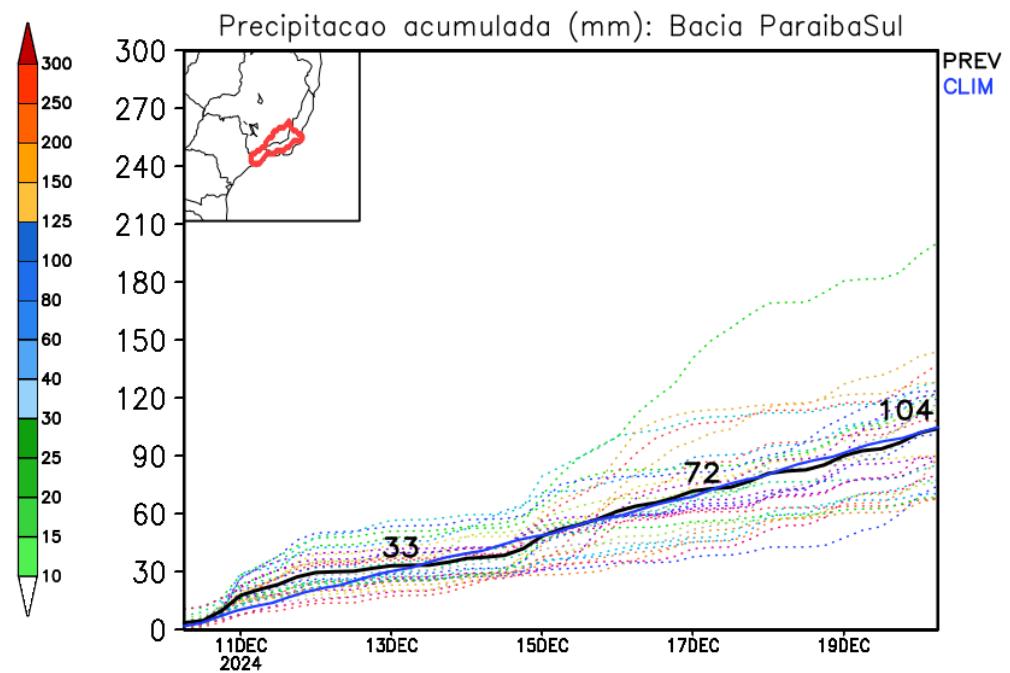
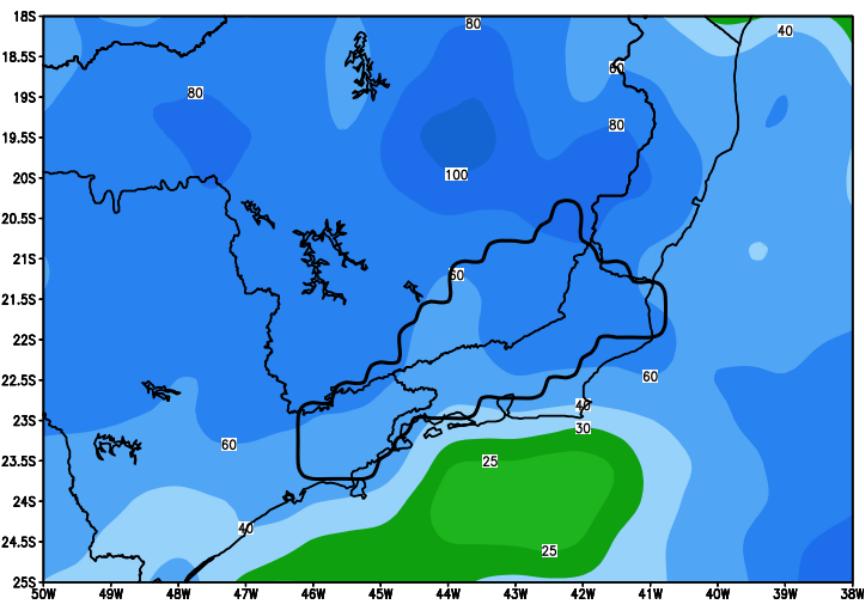


# Previsão de chuva para os próximos 7 dias



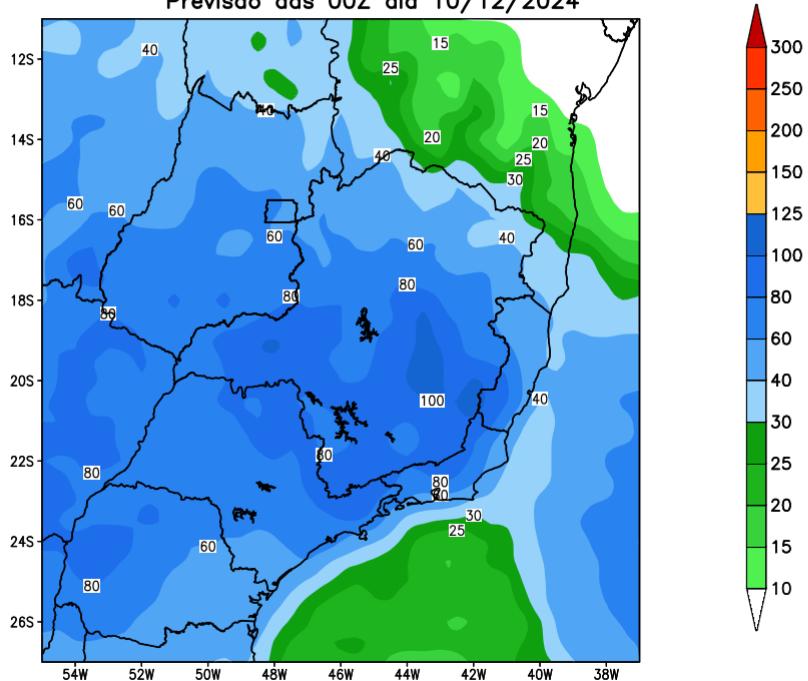
# Rio Paraíba do Sul

GEFS / Bacia do Rio Paraíba do Sul  
Precipitacao acumulada em 7 dias (mm)  
Previsao das 00Z dia 10/12/2024

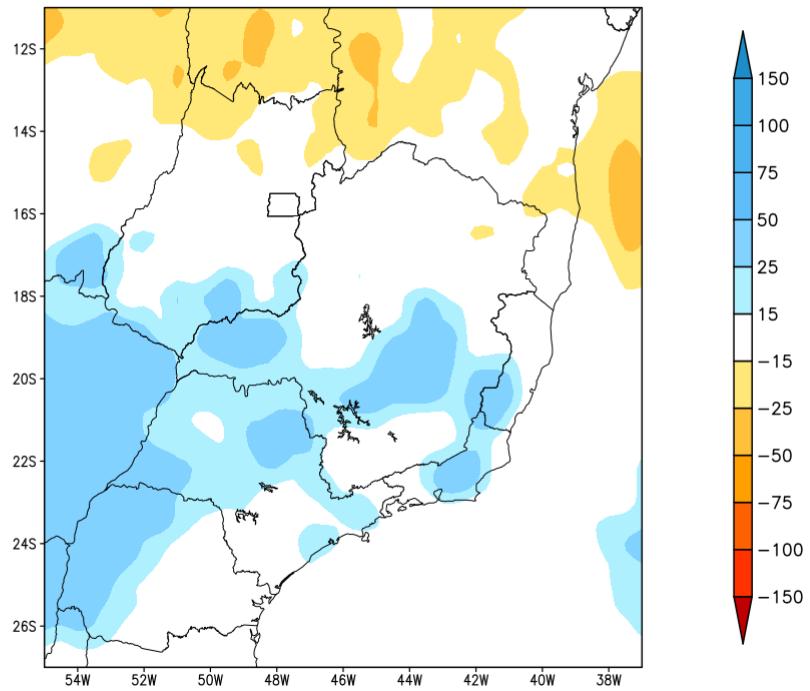


# Tendência para a 2a semana

GEFS / BRASIL\_SE  
Precipitacao acumulada 2aSem (mm)  
Previsao das 00Z dia 10/12/2024

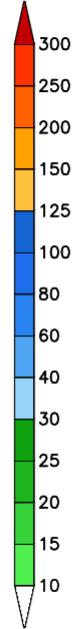
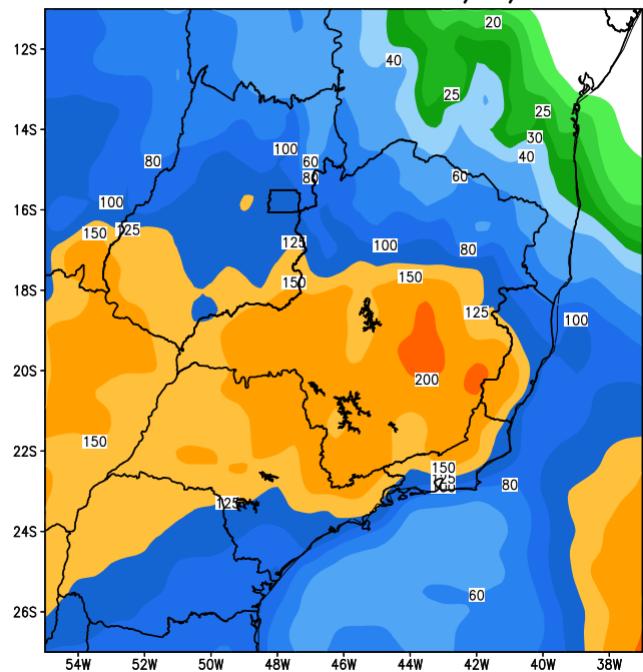


Anomalia de Precipitacao BR\_SE (mm)  
Periodo: 2024121800 a 2024122400

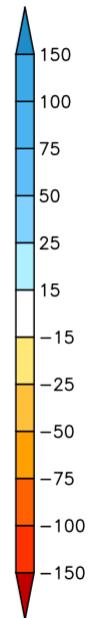
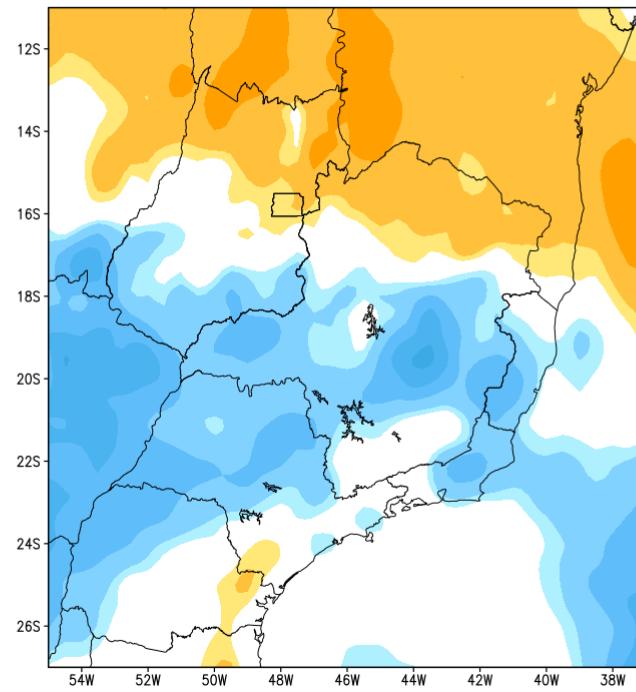


# Tendência para as próximas duas semanas

GEFS / BRASIL\_SE  
Precipitacao acumulada 14dias (mm)  
Previsao das 00Z dia 10/12/2024



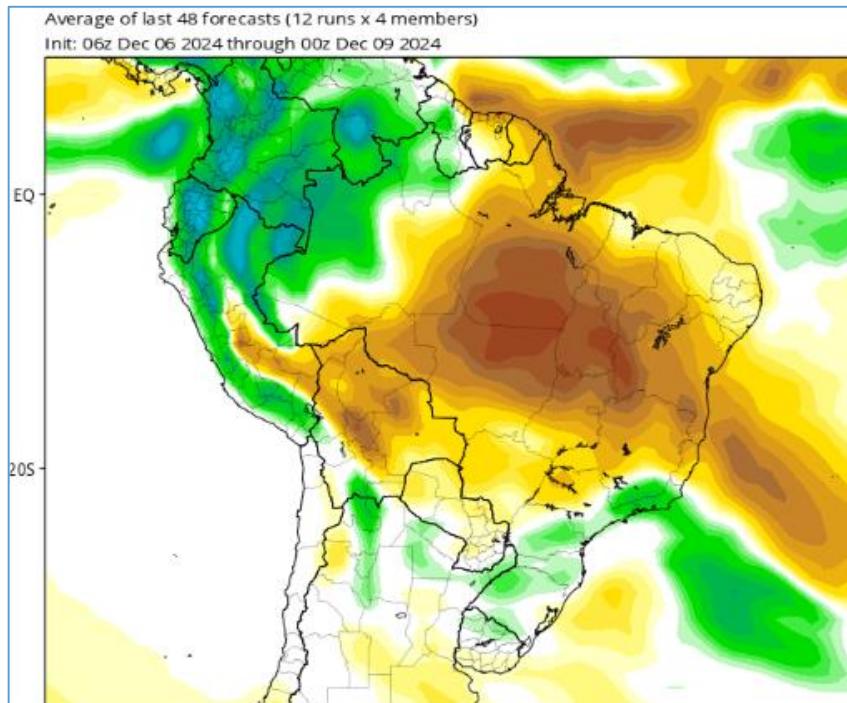
Anomalia de Precipitacao BR\_SE (mm)  
Periodo: 2024121000 a 2024122400



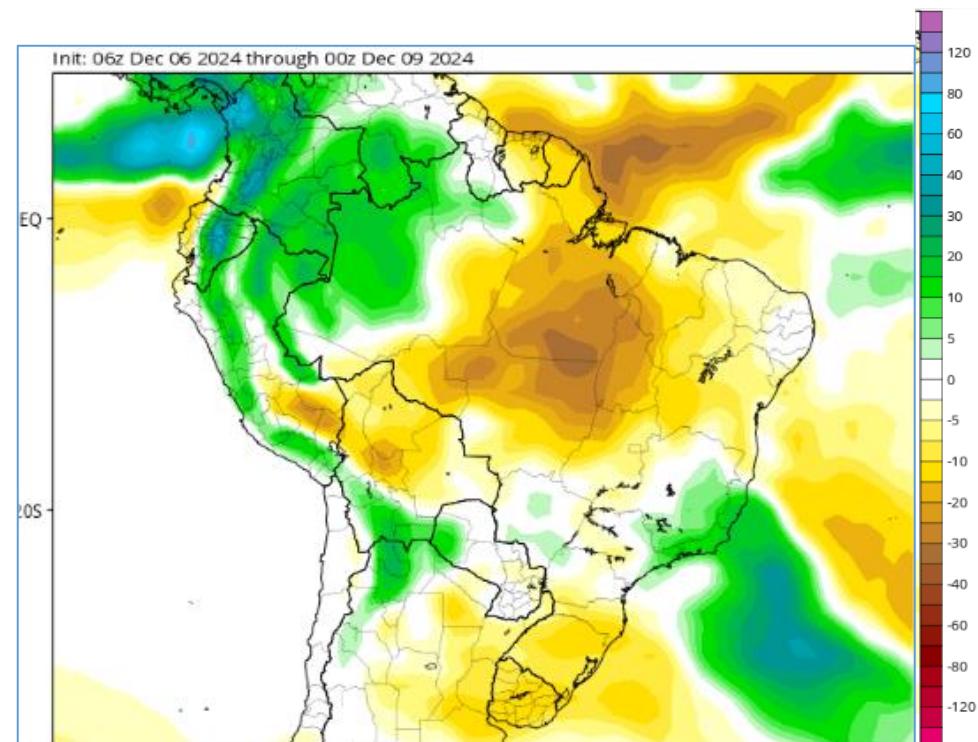
Fonte: GFS/NOAA

## Tendência 3a e 4a semanas

23-30 Dez

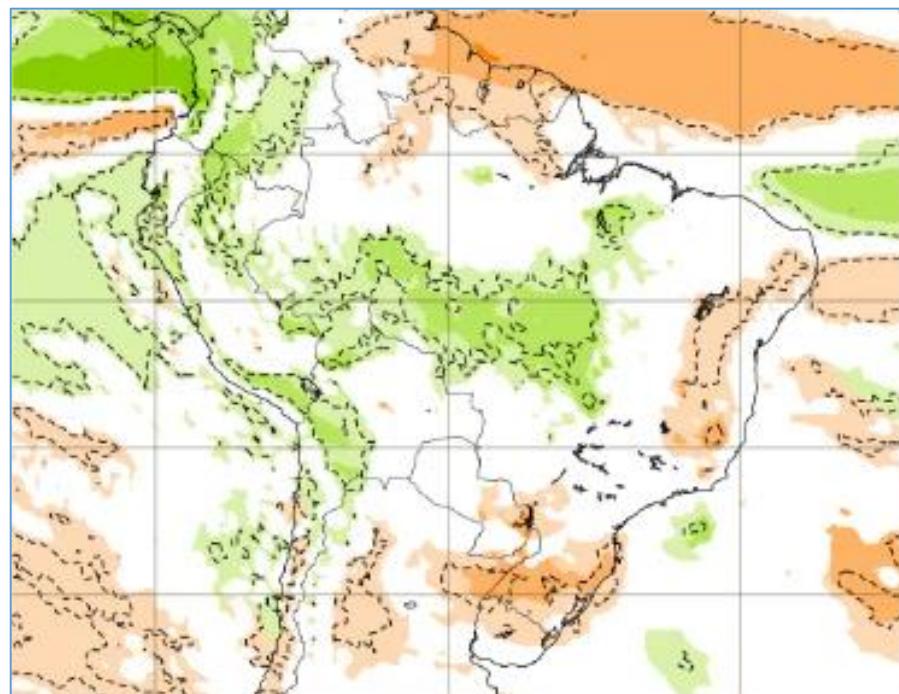


30 Dez-06 Jan

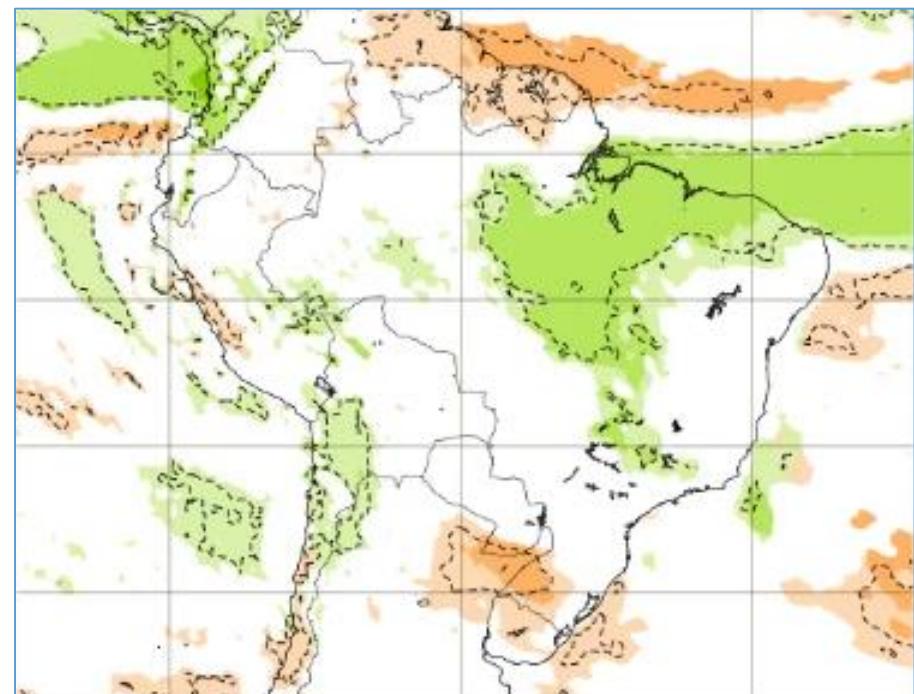


## Tendência para 3<sup>a</sup> e 4<sup>a</sup> semanas

23-30 Dez



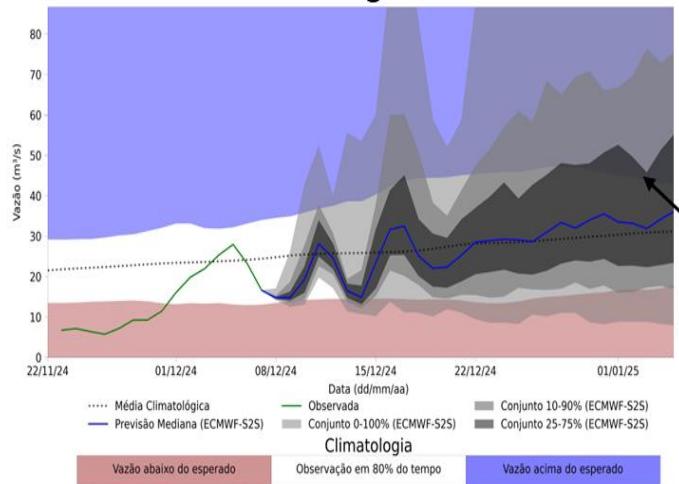
30 Dez- 06 Jan



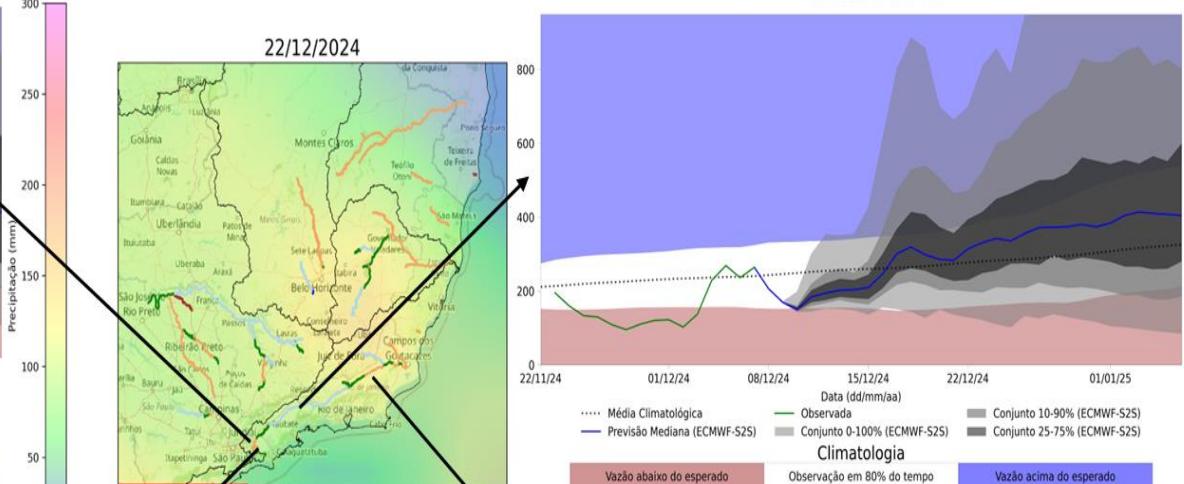
# Previsão de vazão natural na Bacia Rio Paraíba do Sul: 30 dias (Modelo hidrológico Distribuído - MHD)

Previsão: 07/12/24 a 06/01/2025

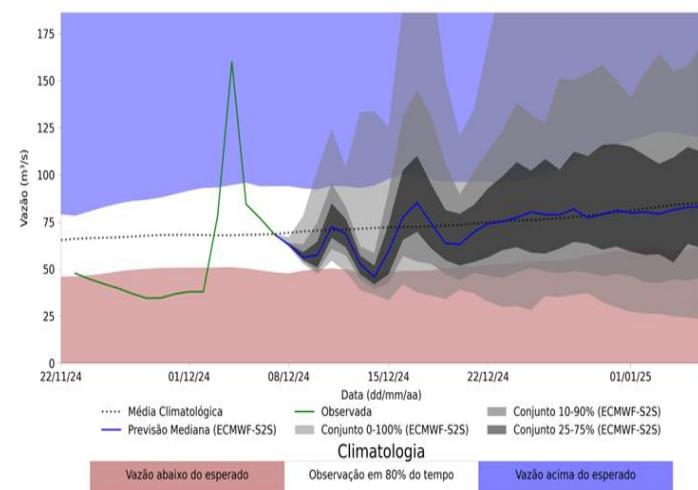
UHE Jaguari



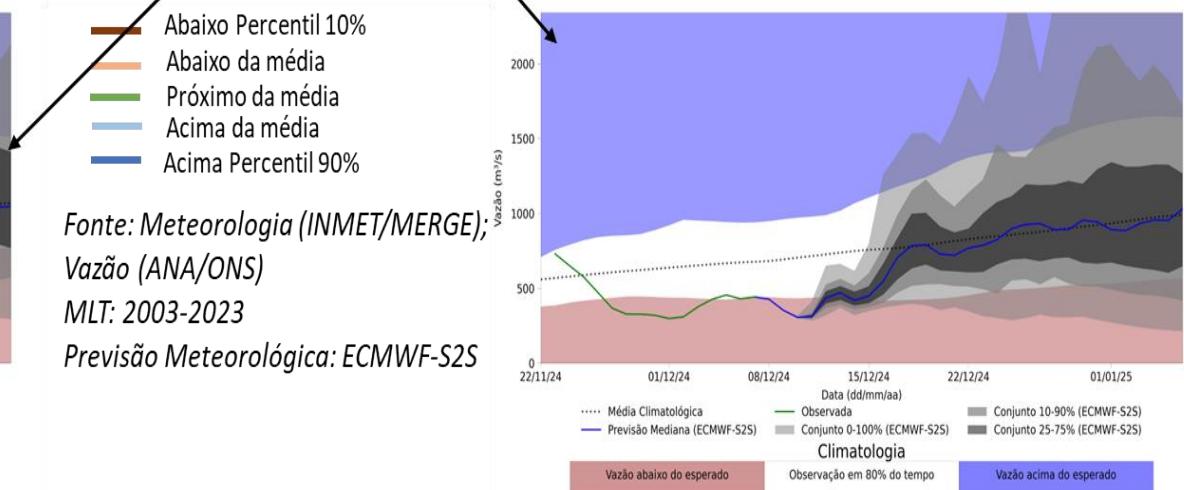
UHE Funil



UHE Paraibuna



UHE Ilha dos Pombos

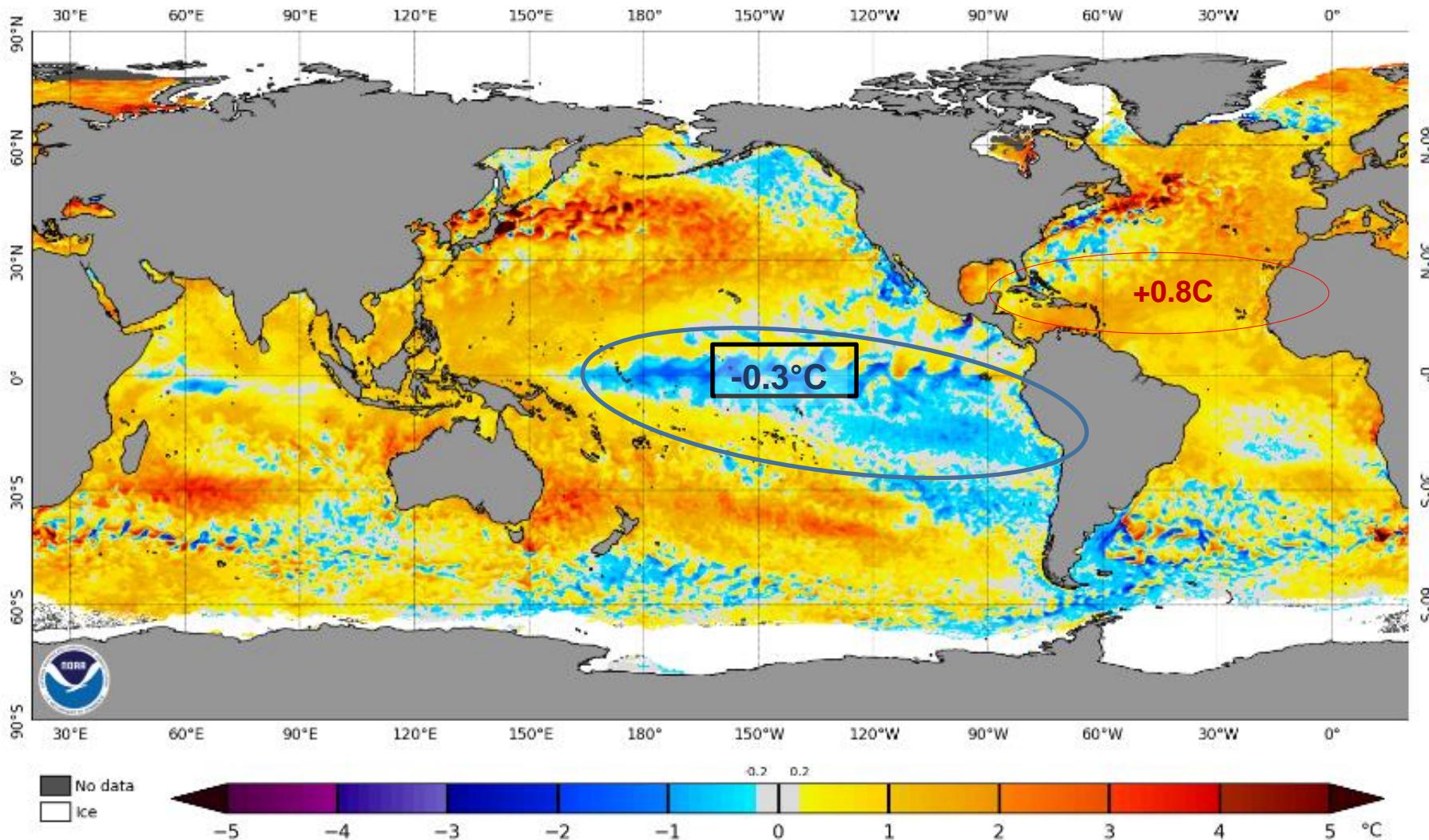


Fonte: Meteorologia (INMET/MERGE);  
Vazão (ANA/ONS)  
MLT: 2003-2023  
Previsão Meteorológica: ECMWF-S2S

Vazão (m³/s)

# Status Atual: La Niña Watch

NOAA Coral Reef Watch Daily 5km SST Anomalies (v3.1) 8 Dec 2024

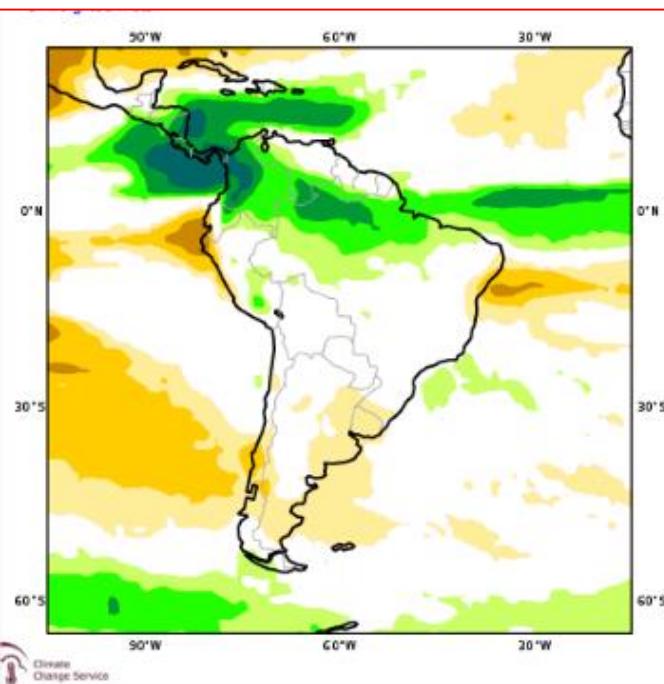


FONTE: NOAA

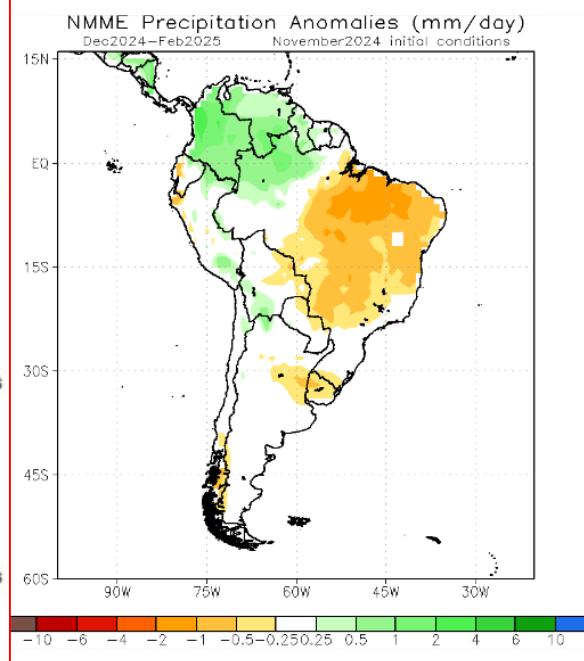
# Previsão Sazonal de Chuva Multi-Modelo

Dezembro-Janeiro-Fevereiro

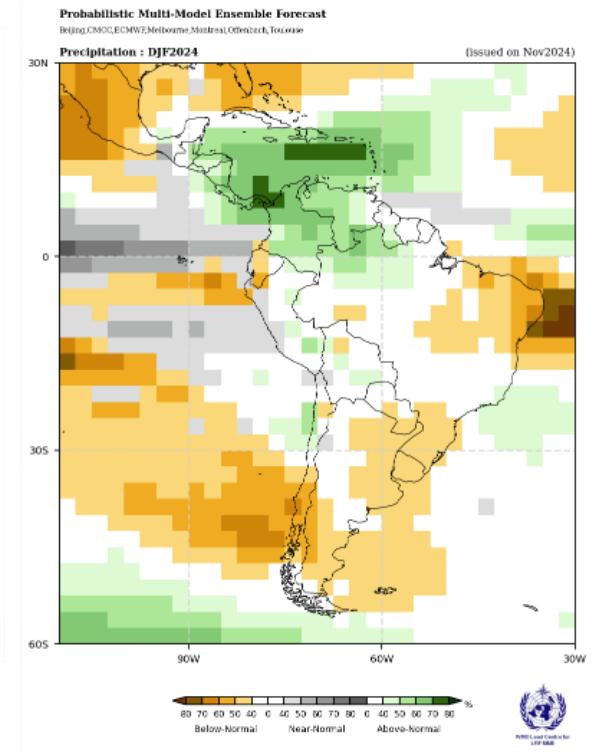
JAN-FEV-MAR



Modelos Europeus



Modelos Norte Americanos



Modelos da WMO