



CEMADEN

Centro Nacional de Monitoramento e
Alertas de Desastres Naturais

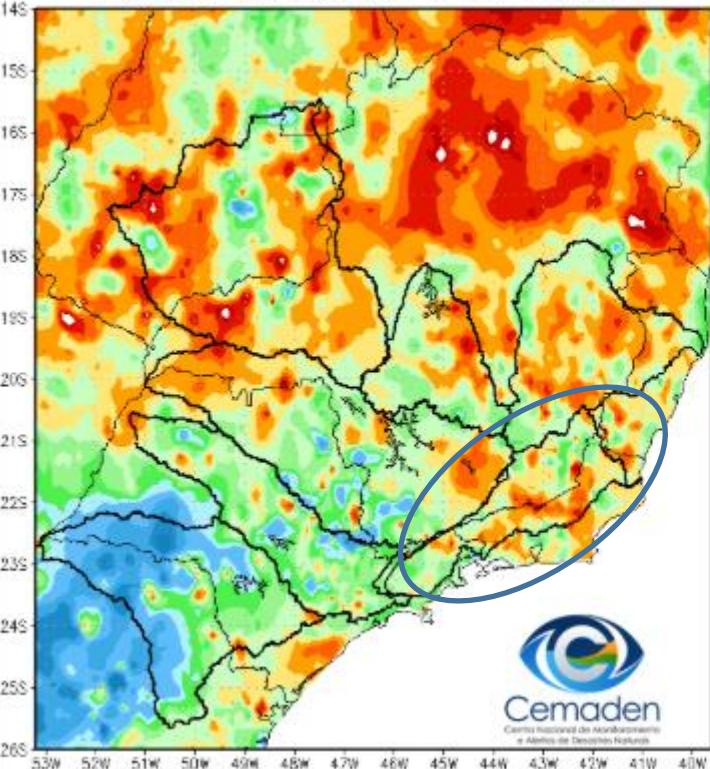
Monitoramento e Previsões para a Bacia do Rio Paraíba do Sul

11 de Novembro de 2025

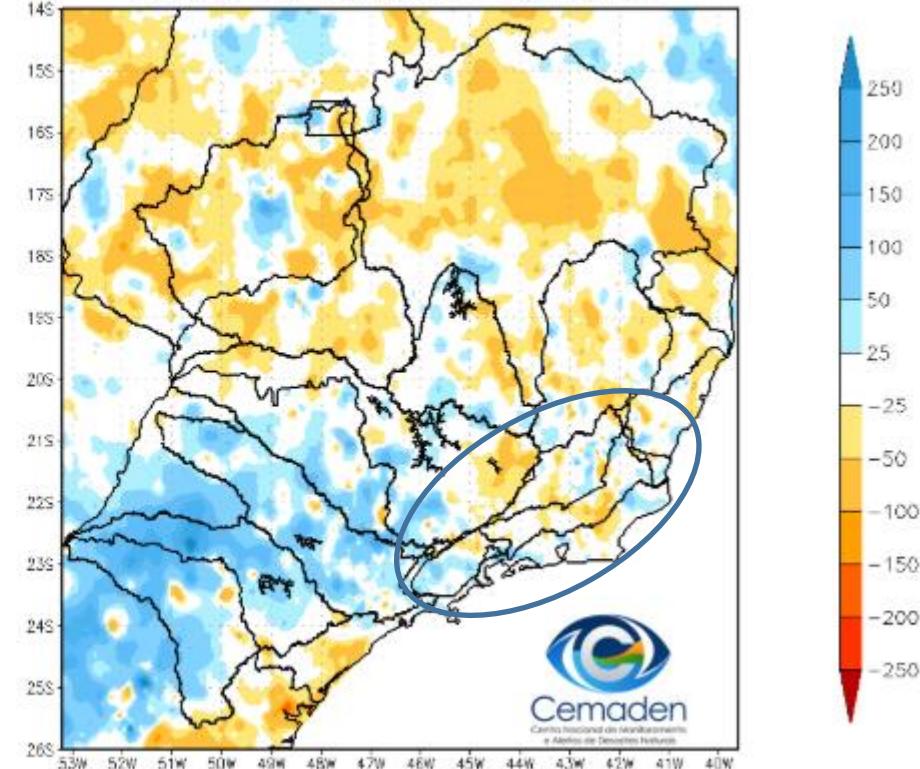


Precipitação acumulada nos últimos 30 dias

Precipitação Acumulada (mm) A.S.
Período: 11/10/2025 a 10/11/2025

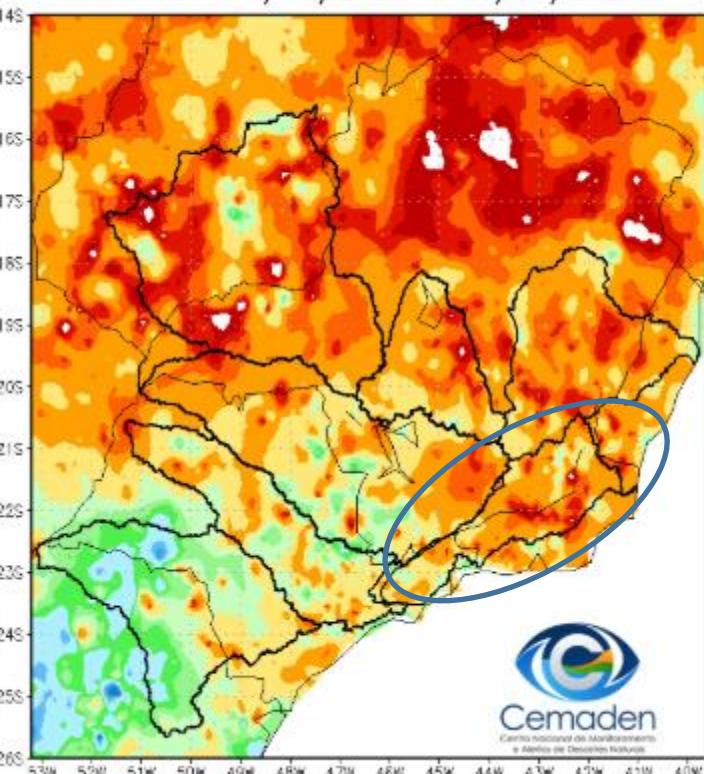


Anomalia de Precipitação (mm) A.S.
Período: 11/10/2025 a 10/11/2025

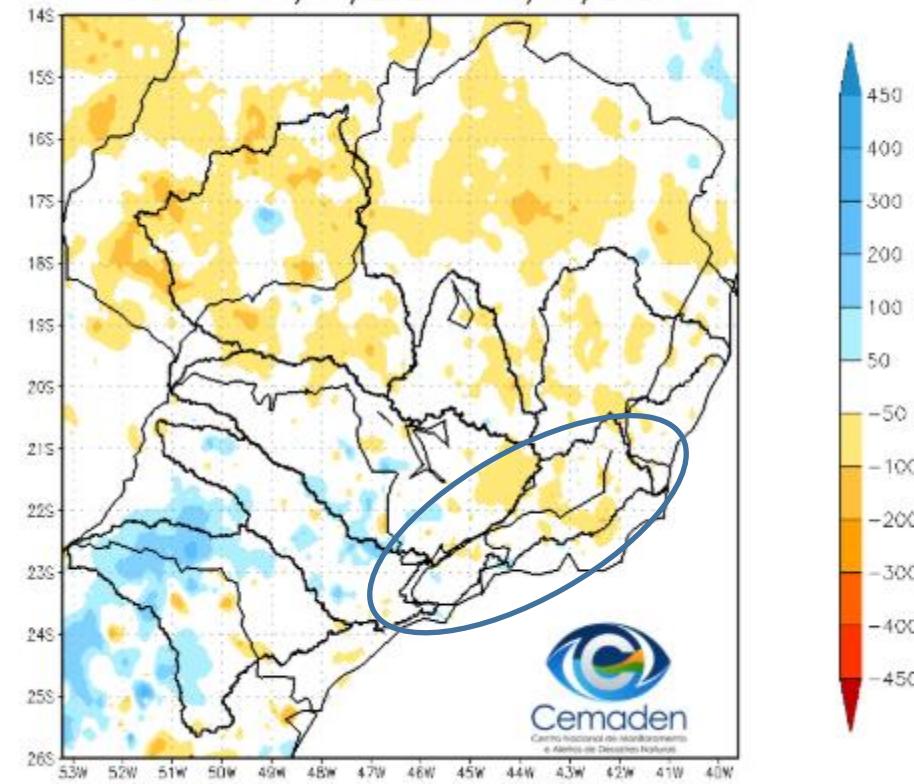


Precipitação acumulada no ano hidrológico

Precipitação Acumulada (mm) A.S.
Período: 01/10/2025 a 10/11/2025

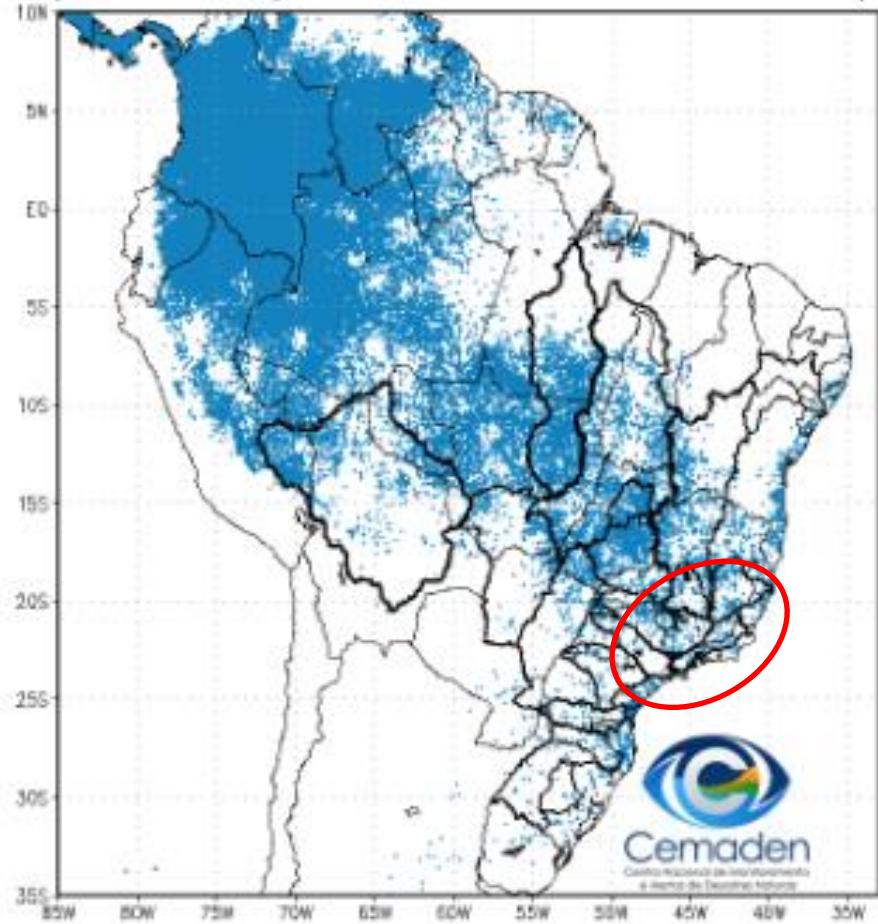


Anomalia de Precipitação (mm) A.S.
Período: 01/10/2025 a 10/11/2025

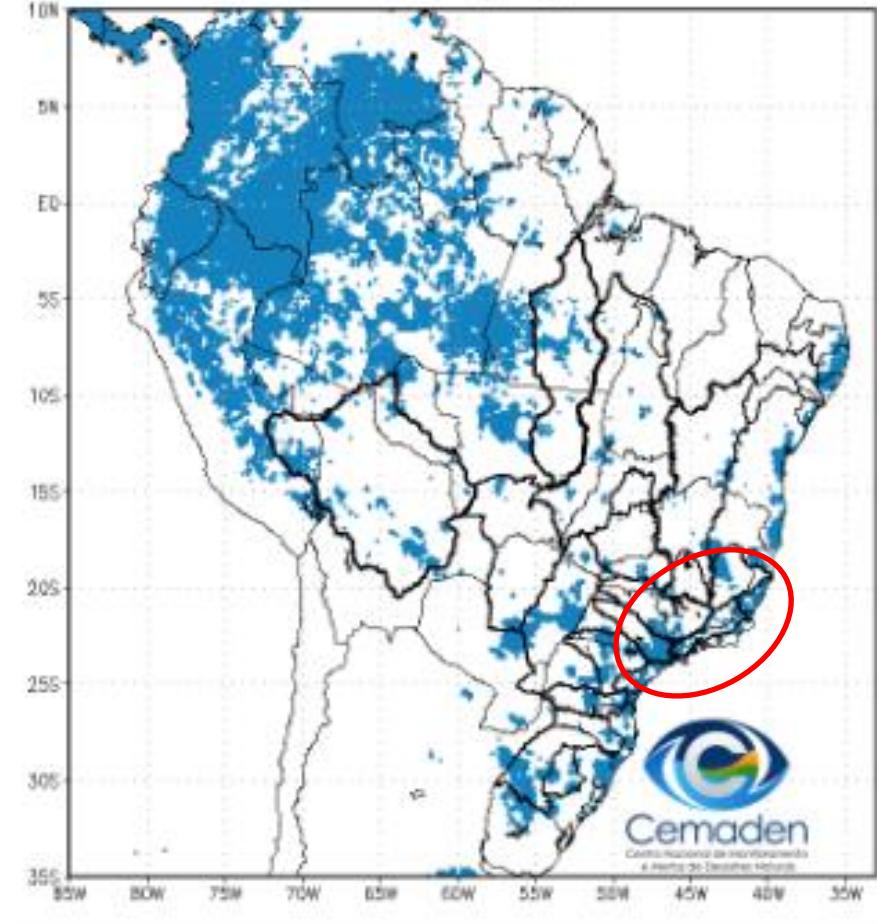


Situação da Estação Chuvosa

Climatologia da Precipitacao (2001–2024)
Superior 3 mm/dia em 4 de 5 dias Período: 10/11

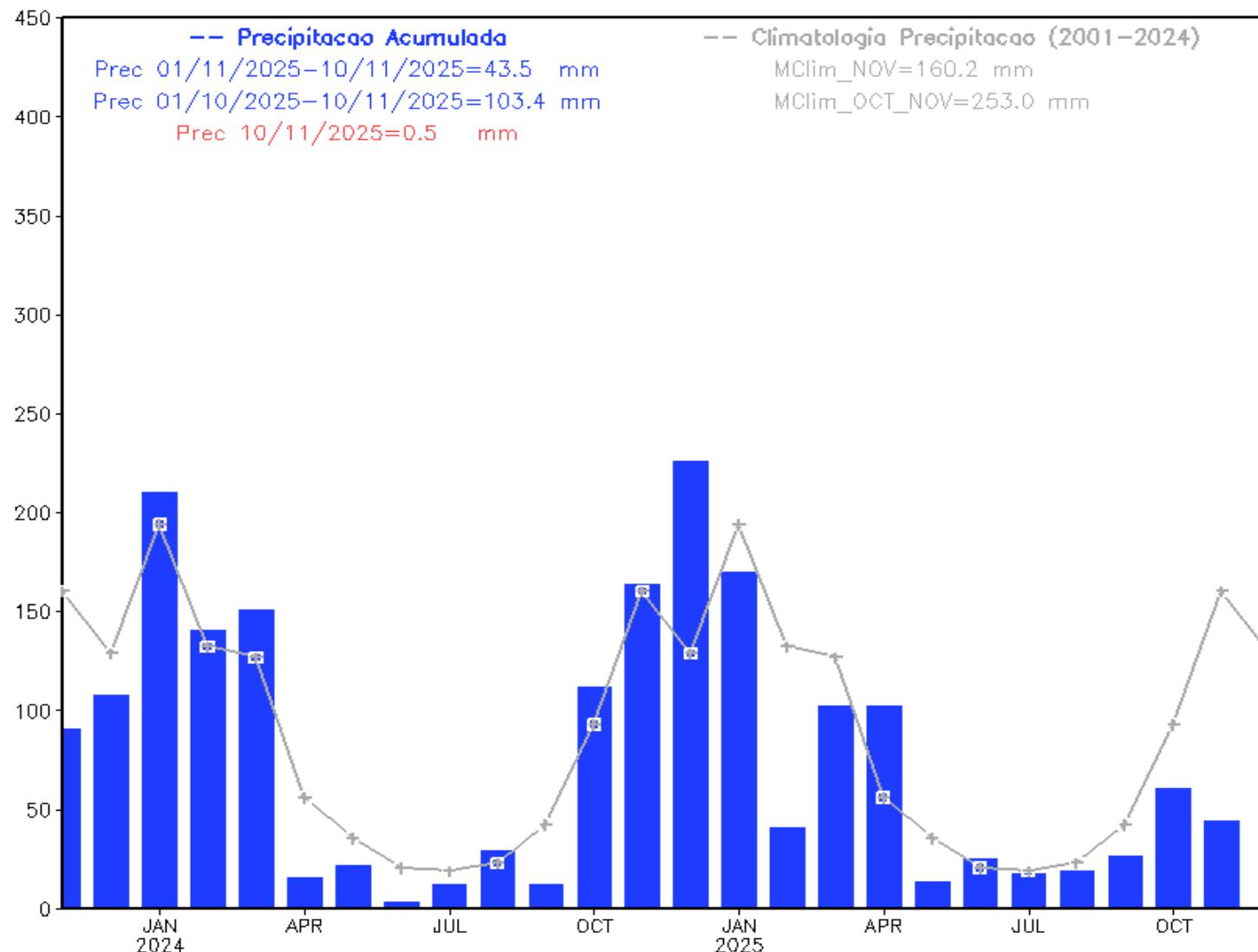


recipitacao A.S. Superior a 3 mm/dia por 4 de 5 dias
Período: 10/11/2025

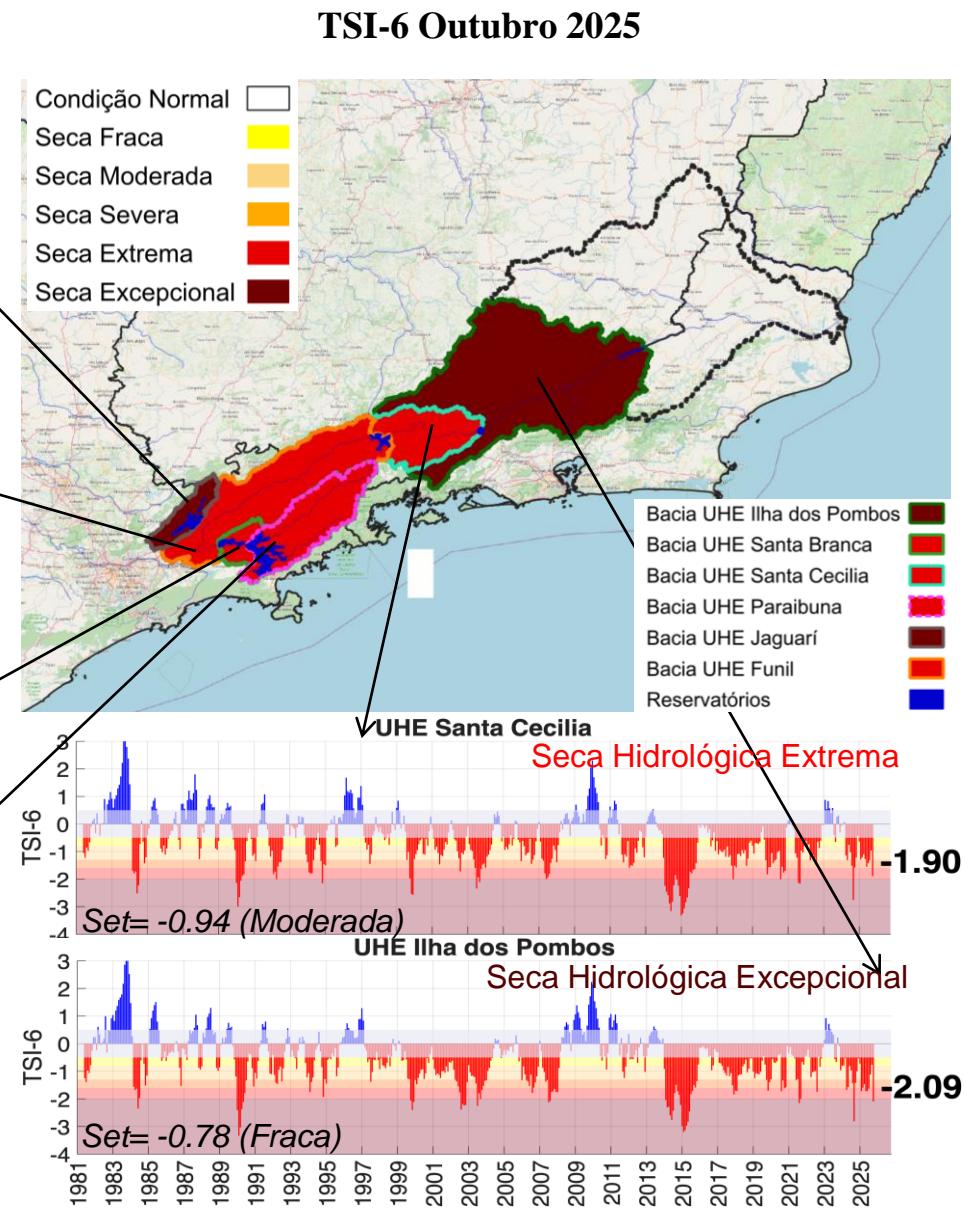
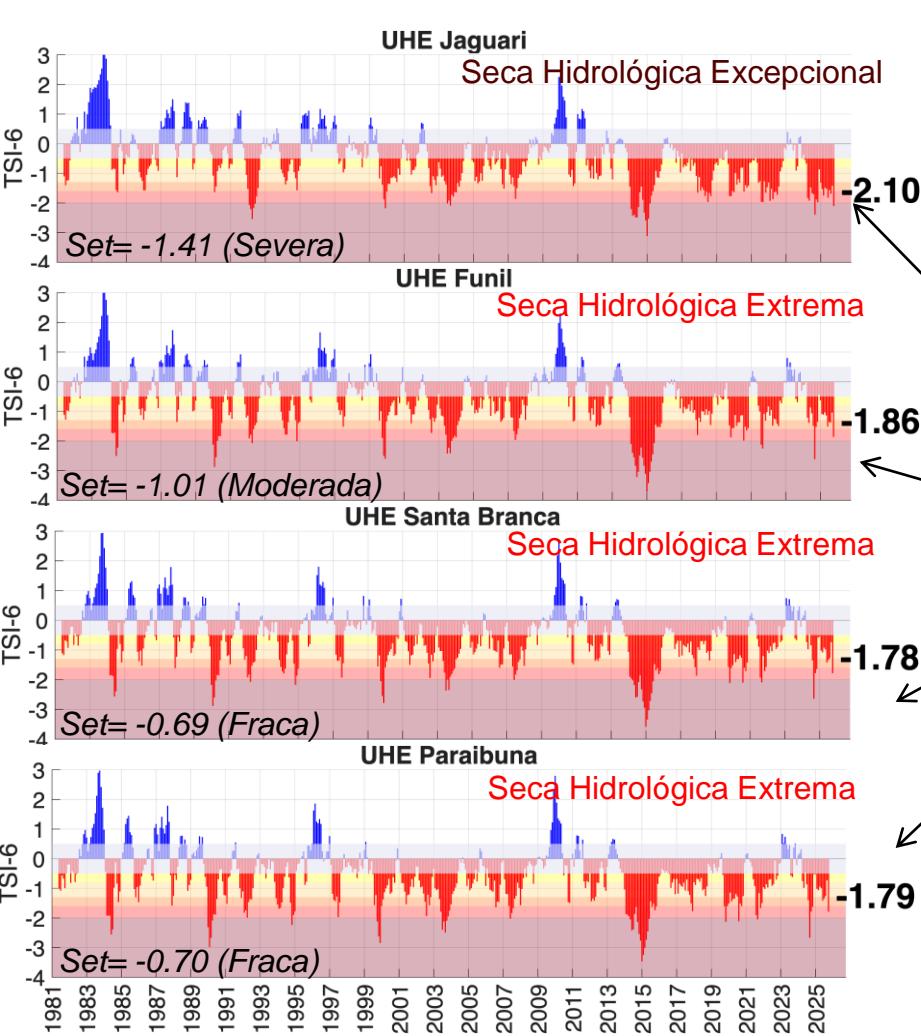


Evolução Temporal da Precipitação

Precipitação Bacia do Rio Paraíba_Sul desde NOV 2023



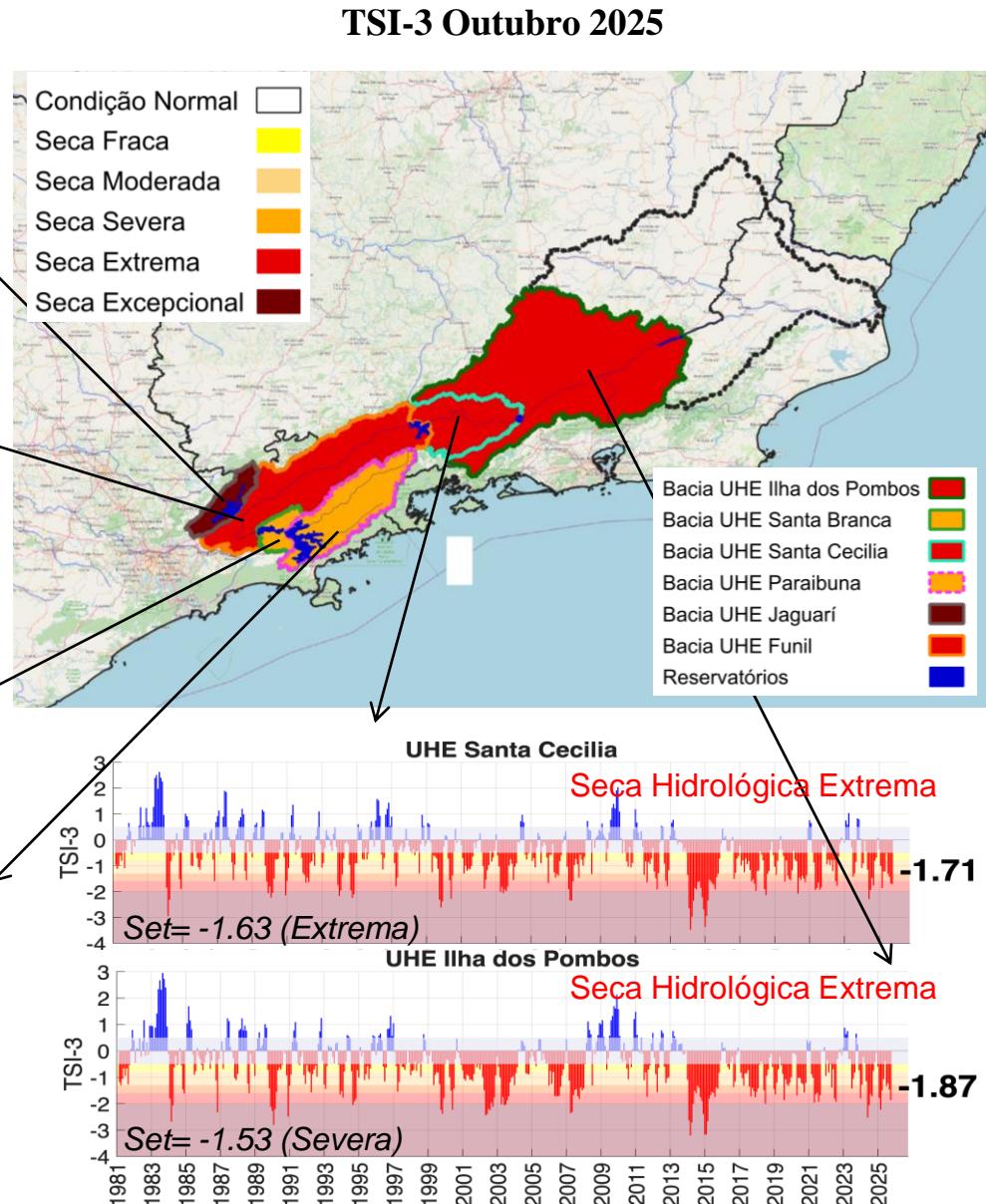
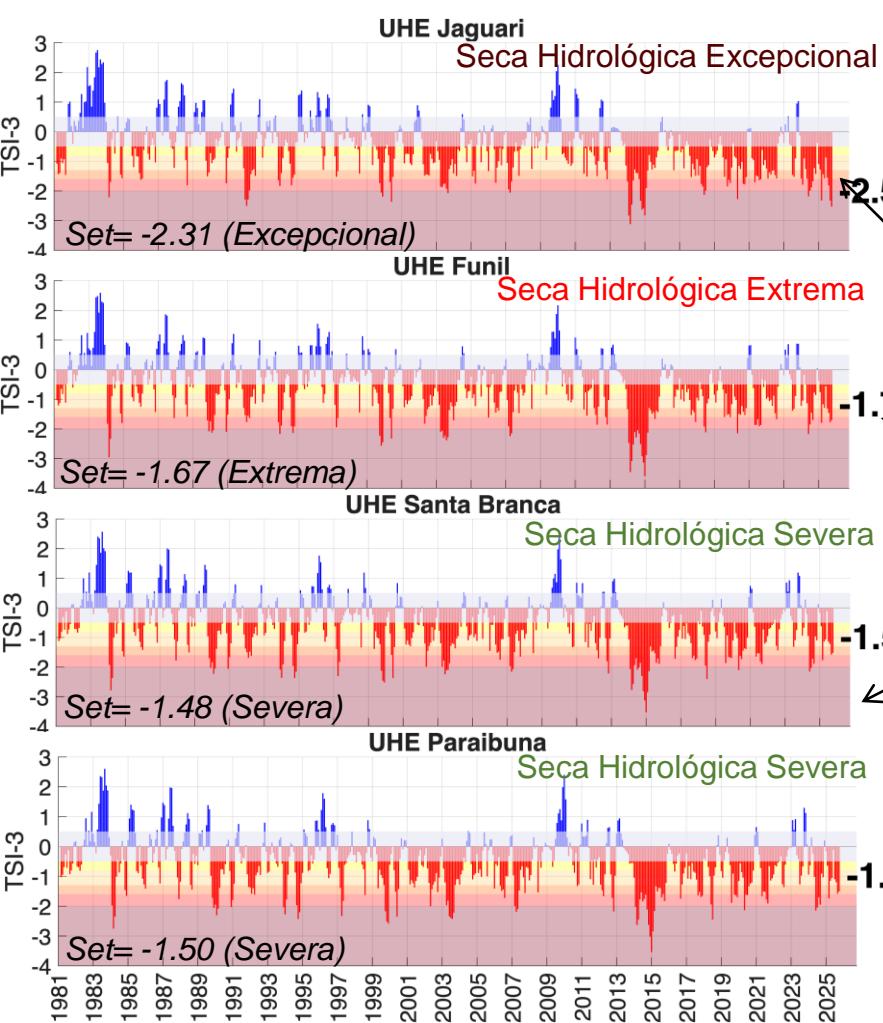
Índice de Seca Bivariado (Chuva-Vazão) - TSI (*Two-variate Standardized Index* – Escala de 6 meses)



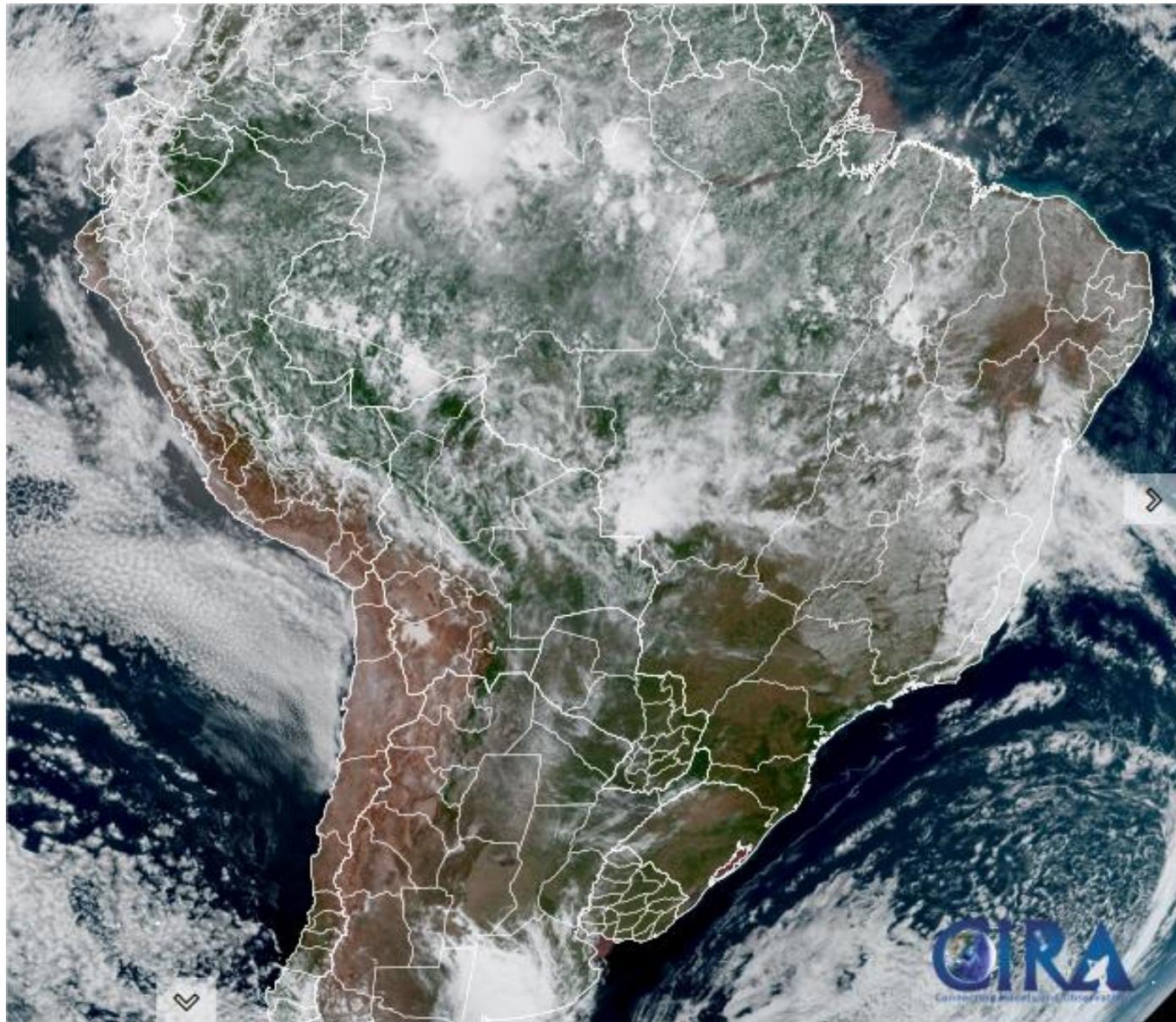
Fonte dos dados: Precipitação (Cemaden/INMET) e Vazão (ONS/ANA) - Jan/1981- Out/2025. Estimativa TSI e Gráficos: CEMADEN

Índice de Seca Bivariado (Chuva-Vazão) - TSI

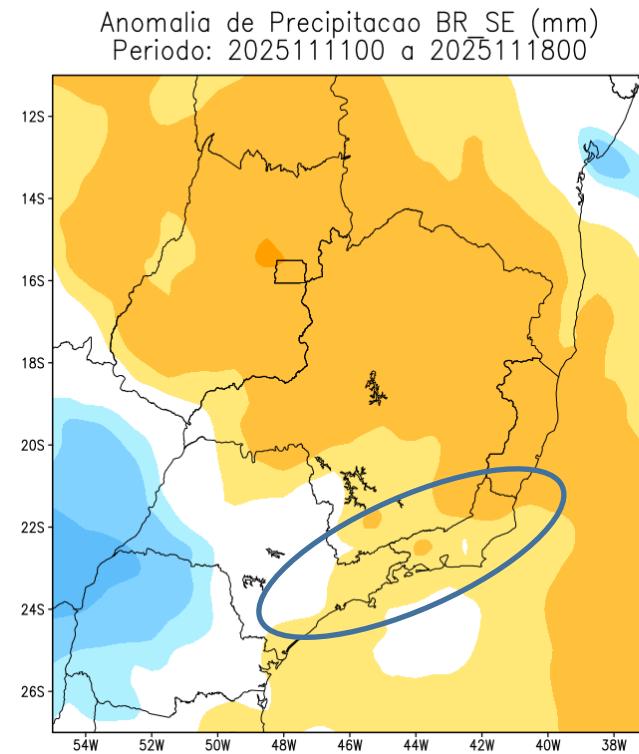
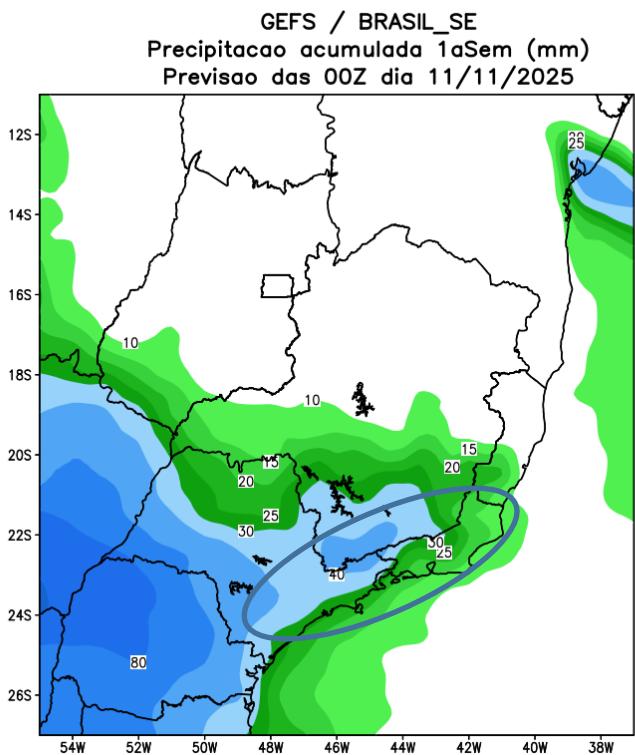
(Two-variate Standardized Index – Escala de 3 meses)



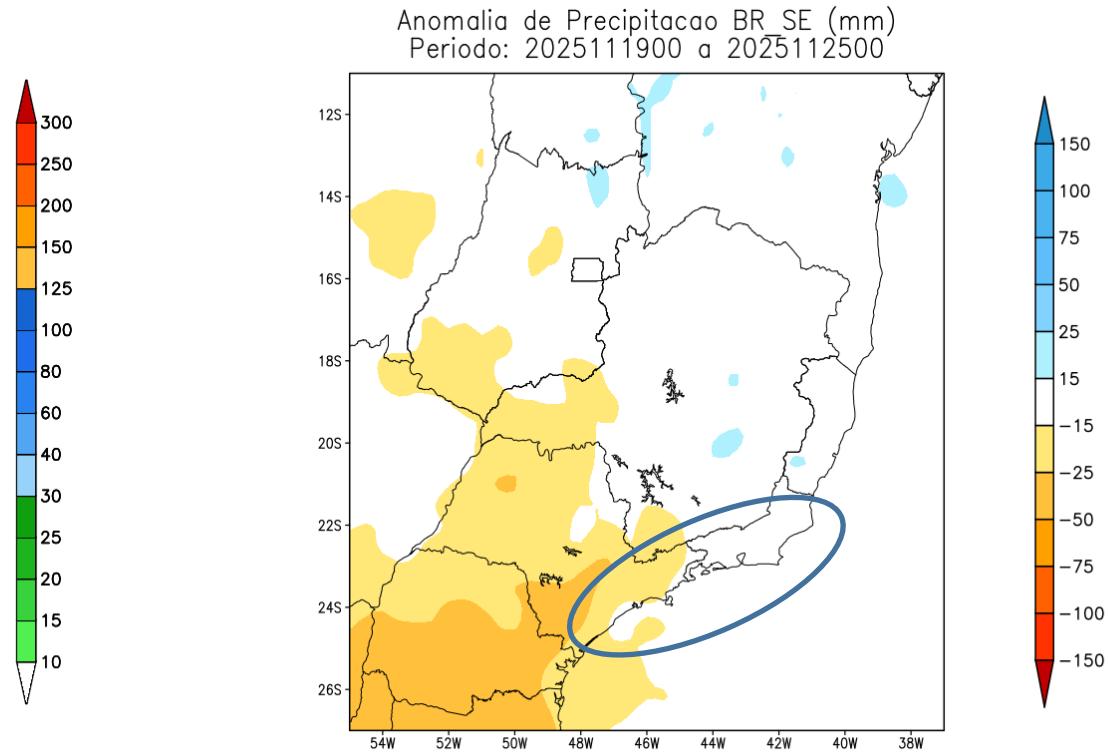
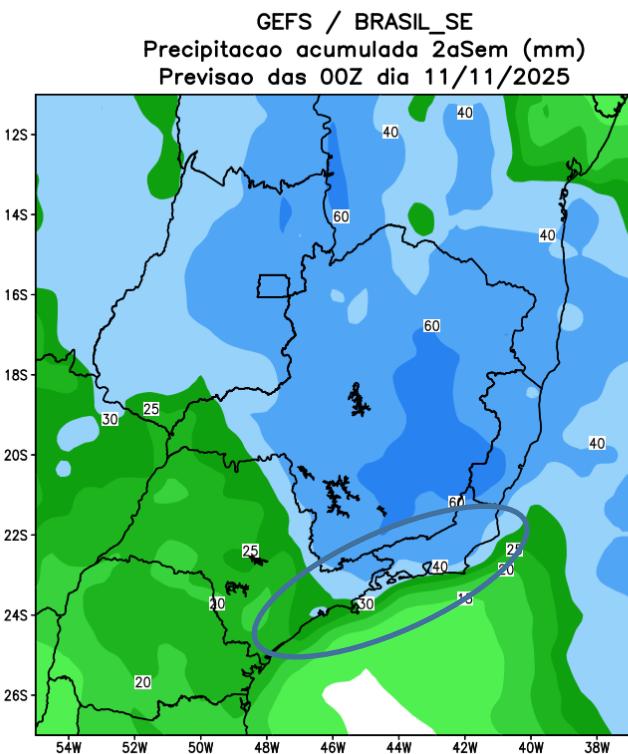
Situação meteorológica atual



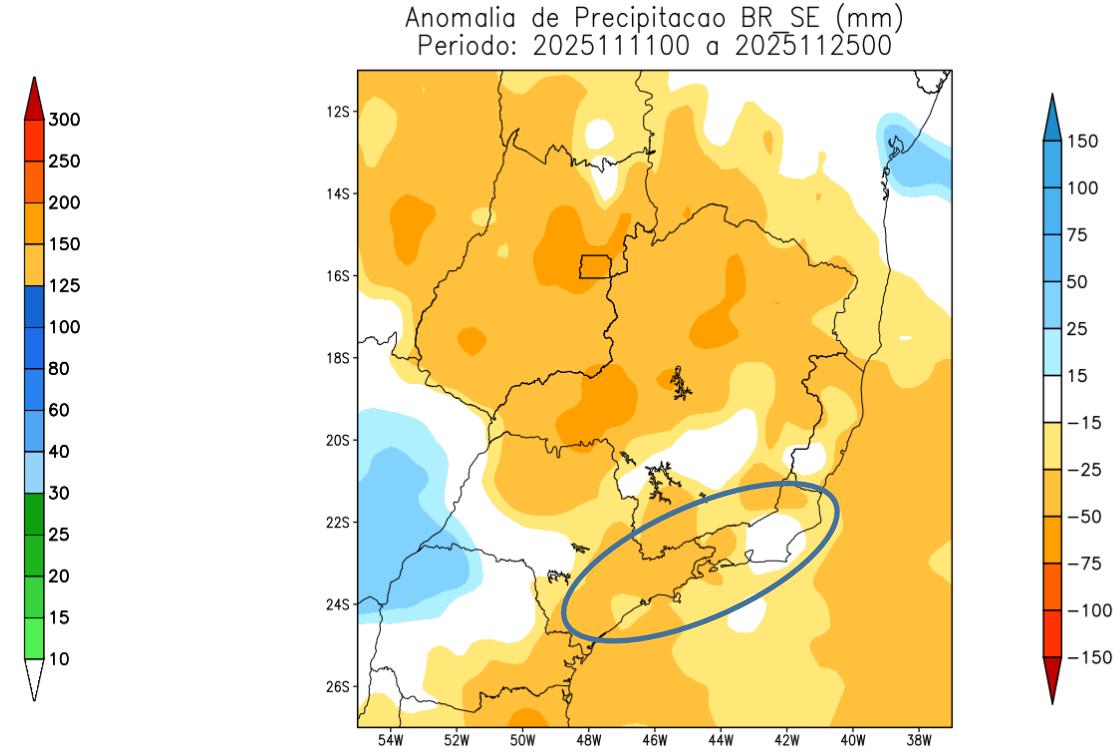
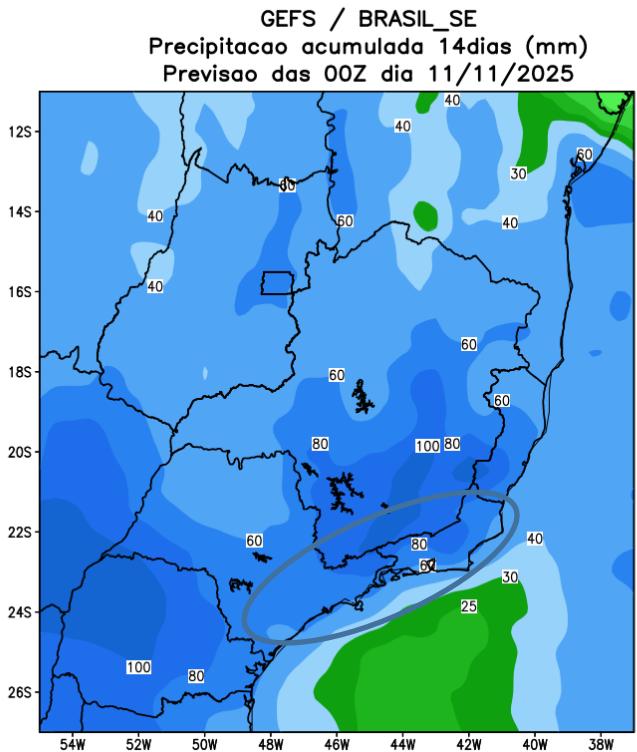
Previsão Primeira Semana



Previsão Segunda Semana



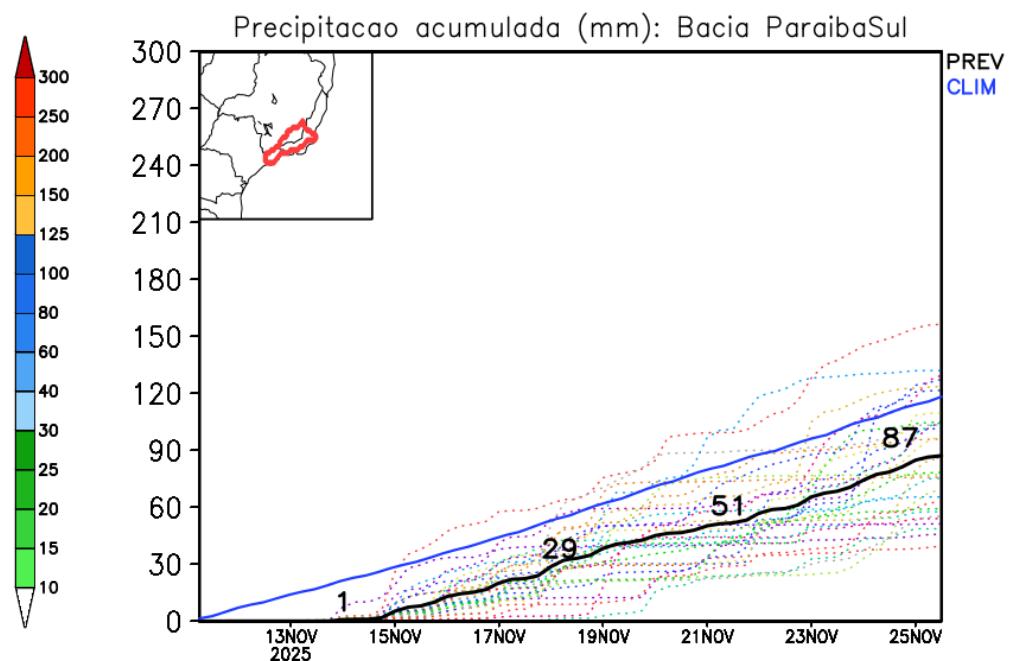
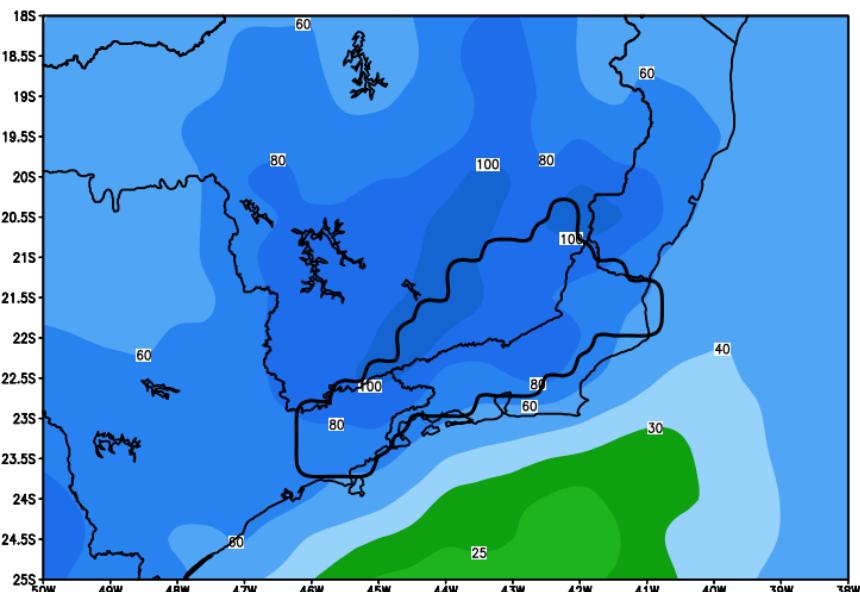
Previsão Próximas duas Semanas



Rio Paraíba do Sul

previsão de chuva em 14 dias

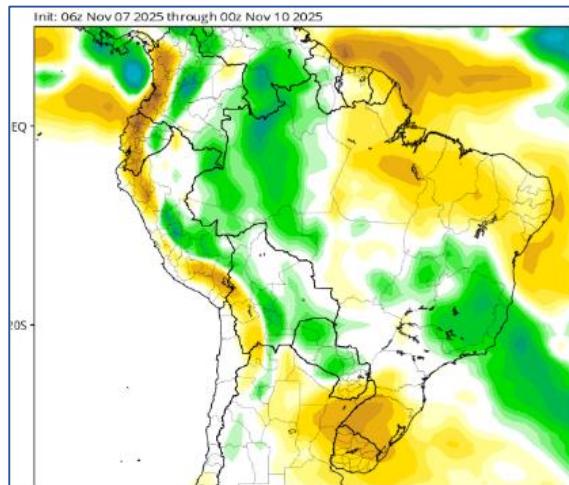
GEFS / Bacia do Rio Paraíba do Sul
Precipitação acumulada em 14 dias (mm)
Previsão das 00Z dia 11/11/2025



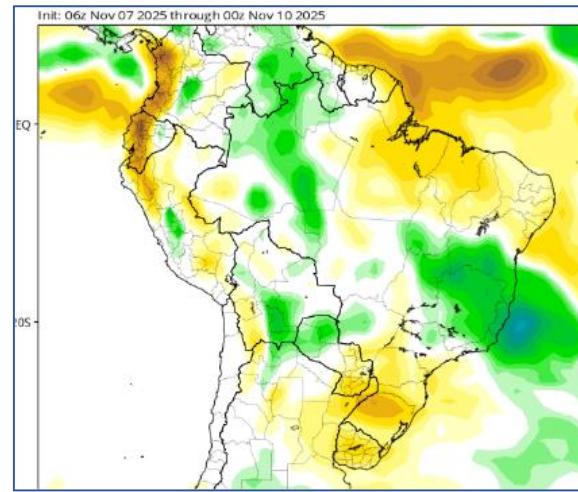
Anomalia de Chuva 3a e 4a semanas

CFS/NOAA

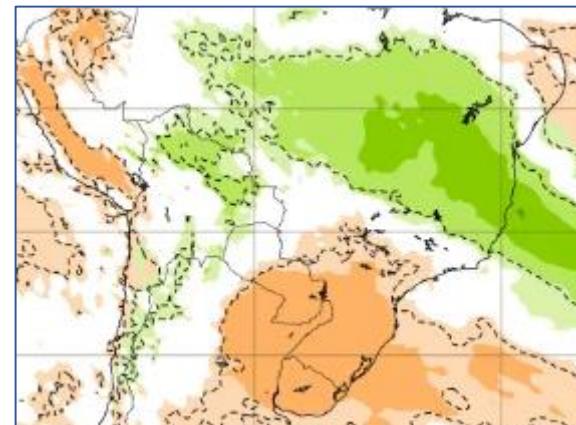
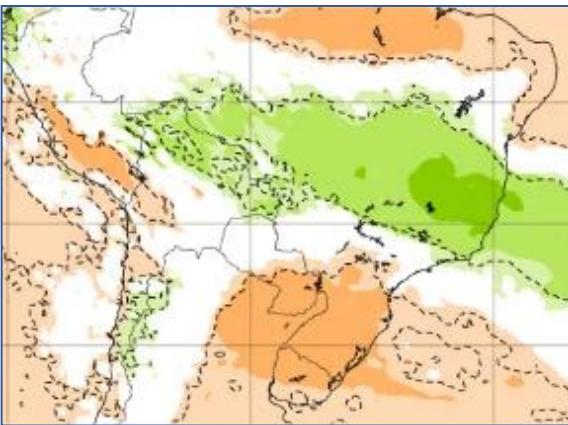
24 Nov- 01 Dez



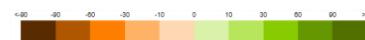
01-08 Dez



ECMWF



24 Nov- 01 Dez

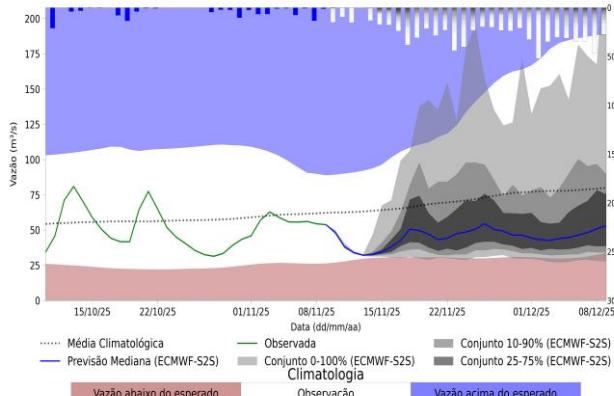


01-08 Dez

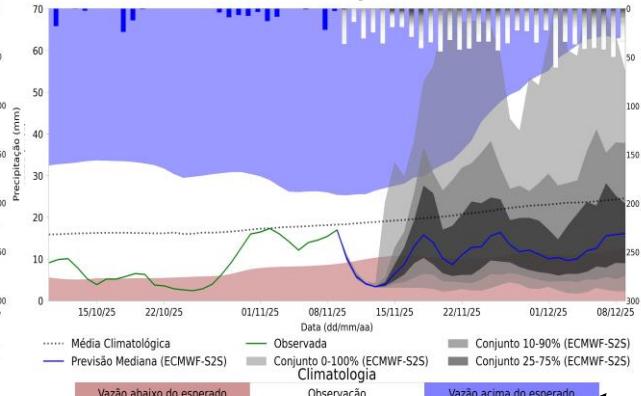
Previsão de vazão natural na Bacia Rio Paraíba do Sul

Previsão: 09/11/2025 a 09/12/2025

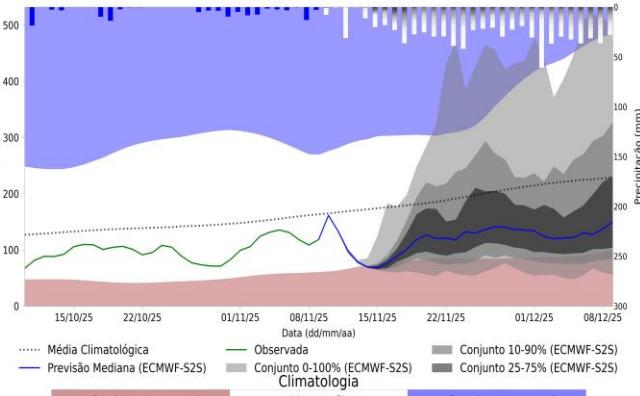
UHE Santa Branca



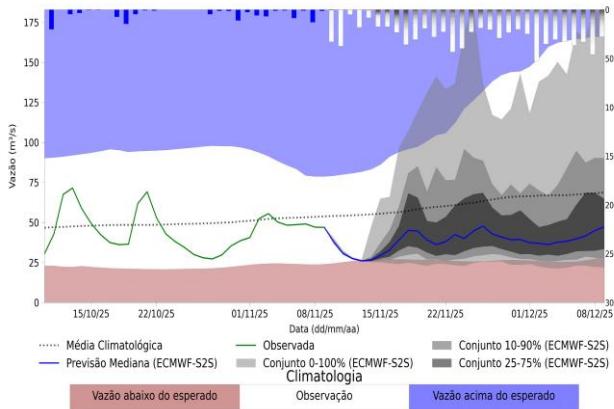
UHE Jaguari



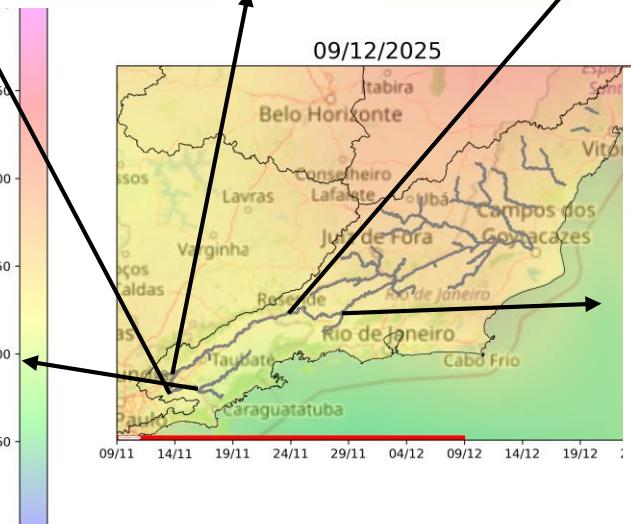
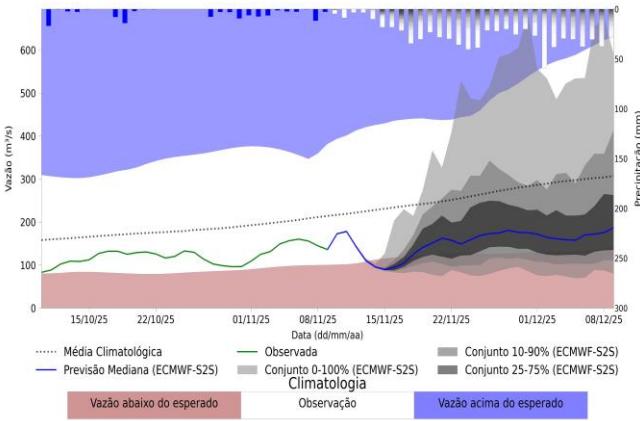
UHE Funil



UHE Paraibuna



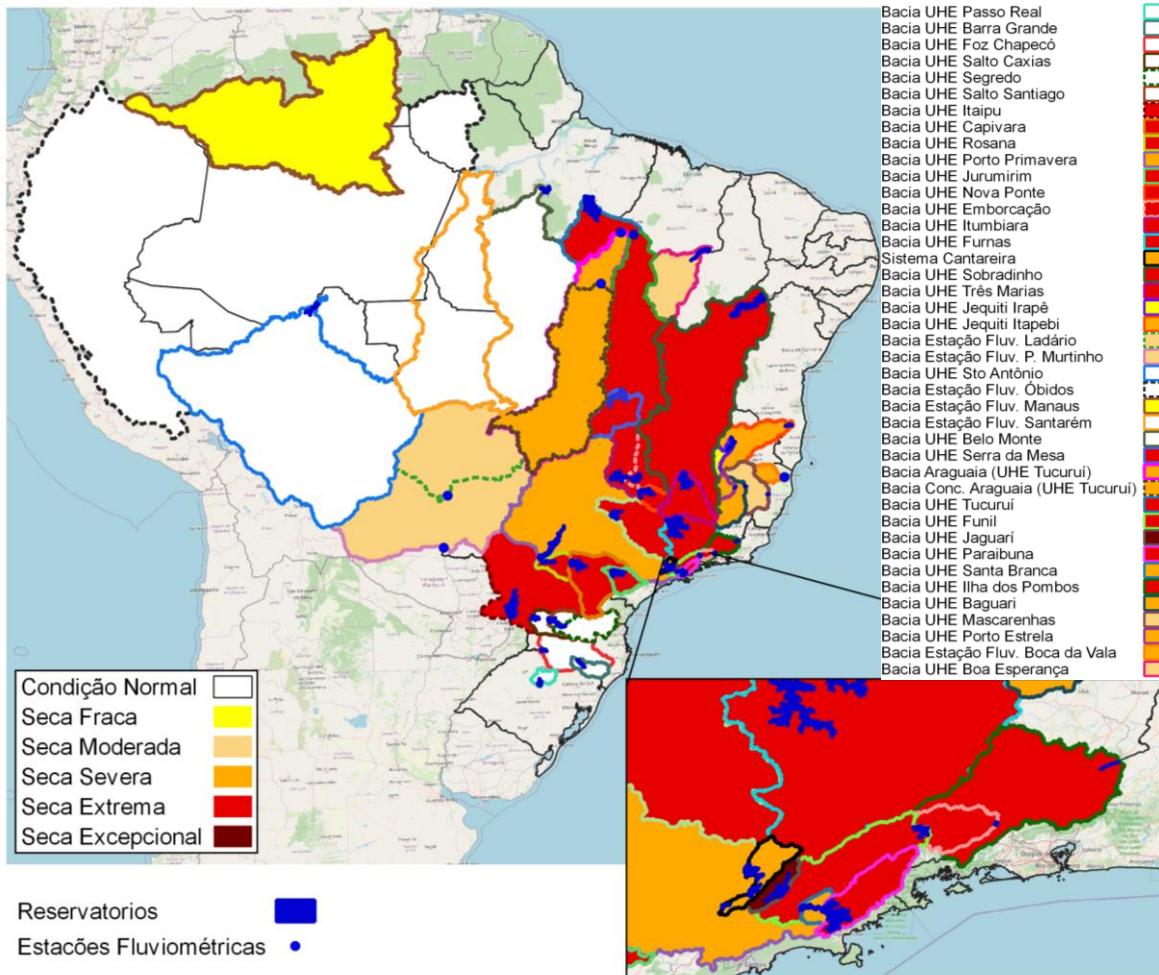
UHE Santa Cecilia



Fonte: Meteorologia (INMET/MERGE); Vazão (ANA/ONS); MLT: 1993-2024; Previsão Meteorológica: ECMWF-S2S

Índice de Seca Bivariado (Chuva-Vazão) - TSI (Two-variate Standardized Index – Escala de 6 meses)

Previsão Próximos 30 dias



Estabilidade da seca:

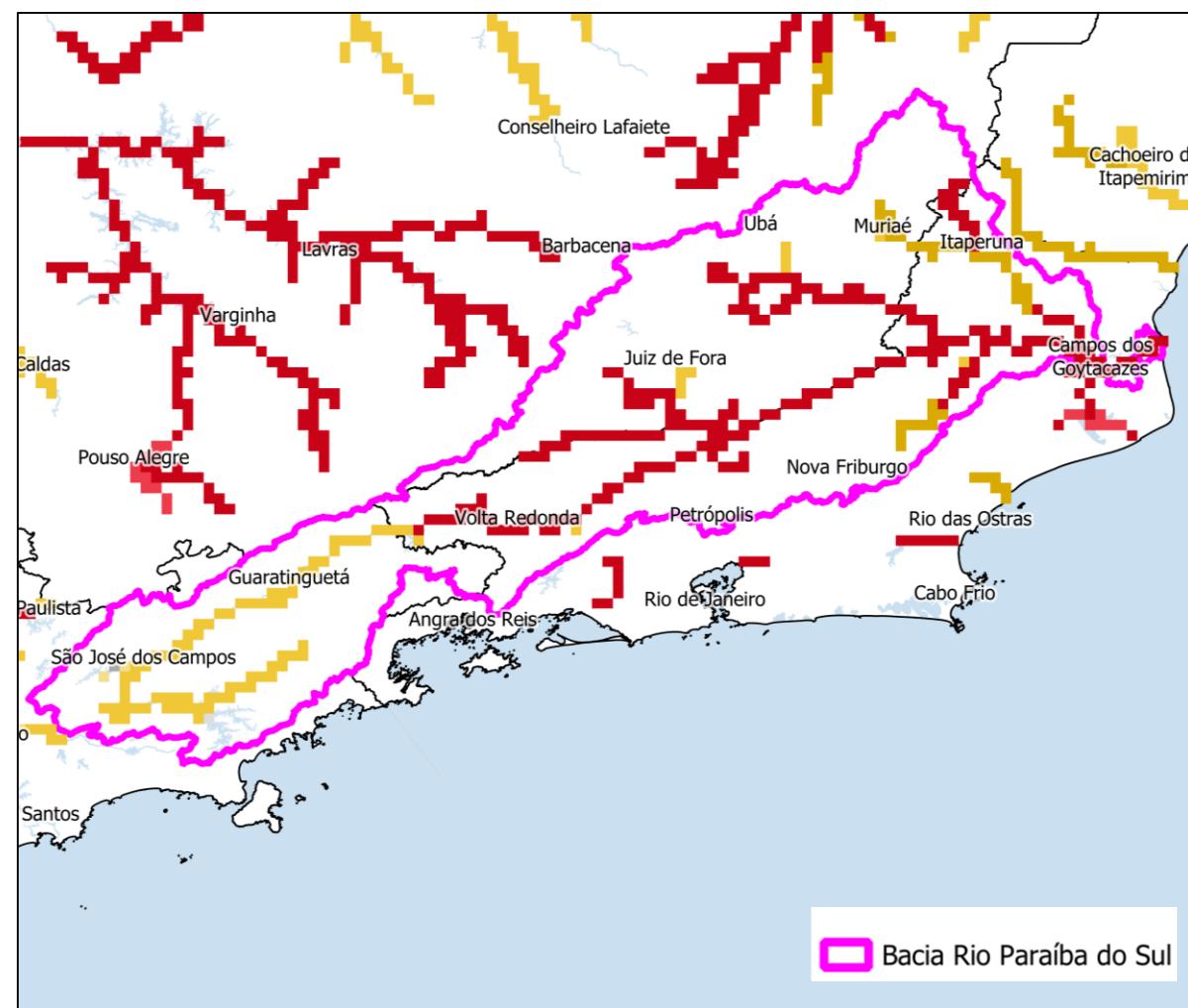
- Jaguari (Excepcional)
- Paraibuna (Extrema)
- Funil (Extrema)
- Santa Cecília (Extrema)

Desintensificação da seca:

- Santa Branca (Ext. -> Sev.)
- Ilha dos Pombos (Excep. -> Ext.)

Previsão Sub-sazonal (45 dias) para a Bacia do Paraíba do Sul (Sistema Global de Previsão de Vazão - GloFAS)

Previsão: 11/11/2025 – 22/12/2025



Categoría de anomalía para as yaxões (percentil)

- A vertical color scale legend with five categories: 'Muito abaixo (1-10)' (red), 'Abaixo (10-25)' (yellow), 'Próximo da média (25-75)' (grey), 'Acima (75-90)' (teal), and 'Muito acima (90-100)' (blue).

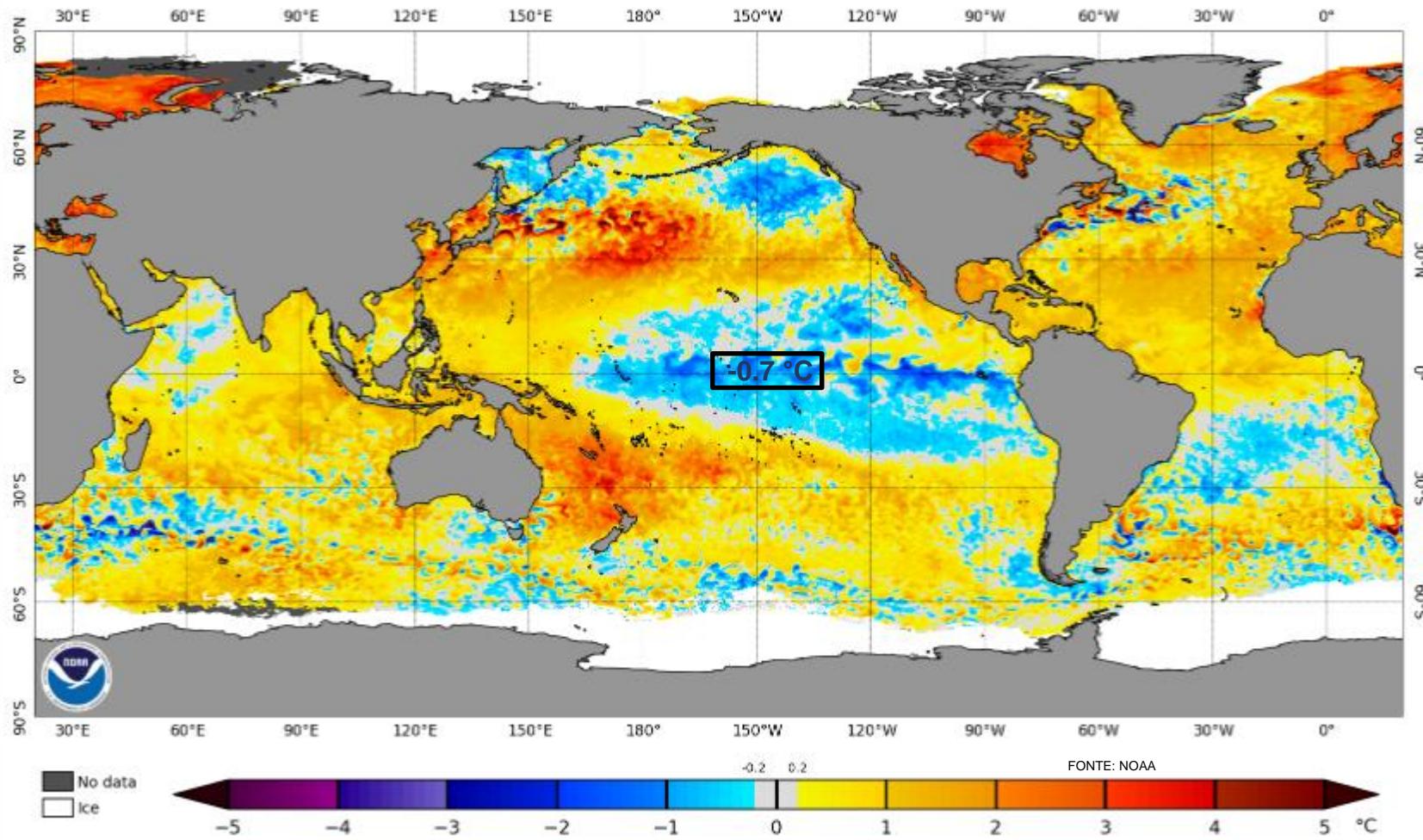
Fonte: Previsão Meteorológica: ECMWF

Previsão de vazão: Lisflood/GloFAS Forecast

https://www.globalfloods.eu/glofas-forecasting/

Status Atual: La Niña

NOAA Coral Reef Watch Daily 5km SST Anomalies (v3.1) 9 Nov 2025



Previsão do “ENSO”

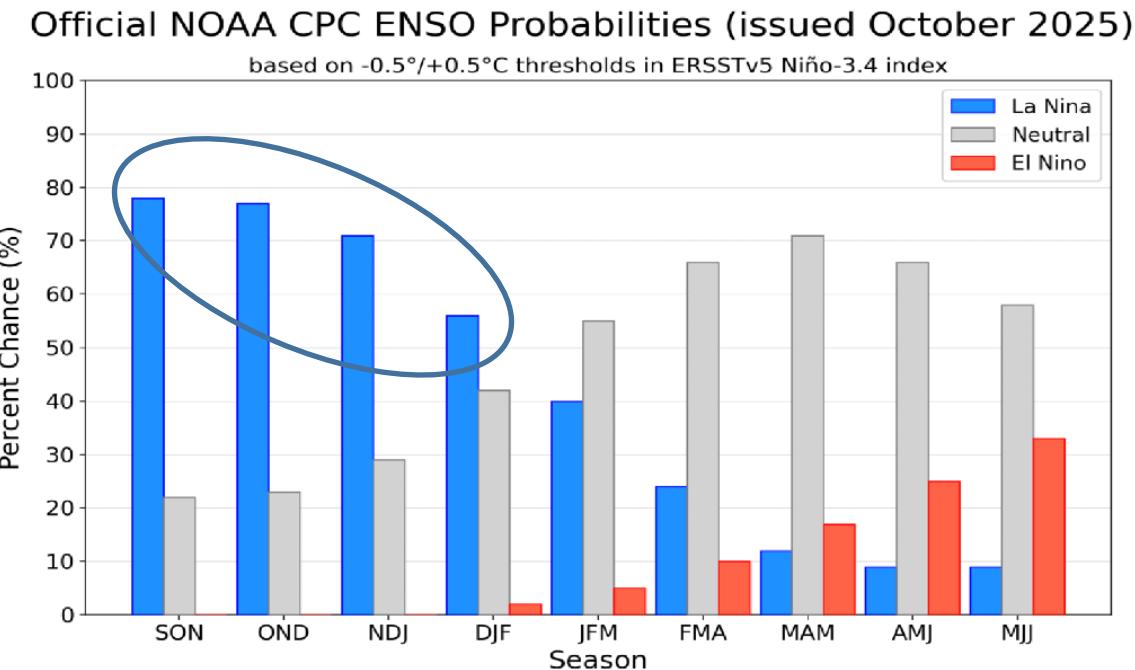
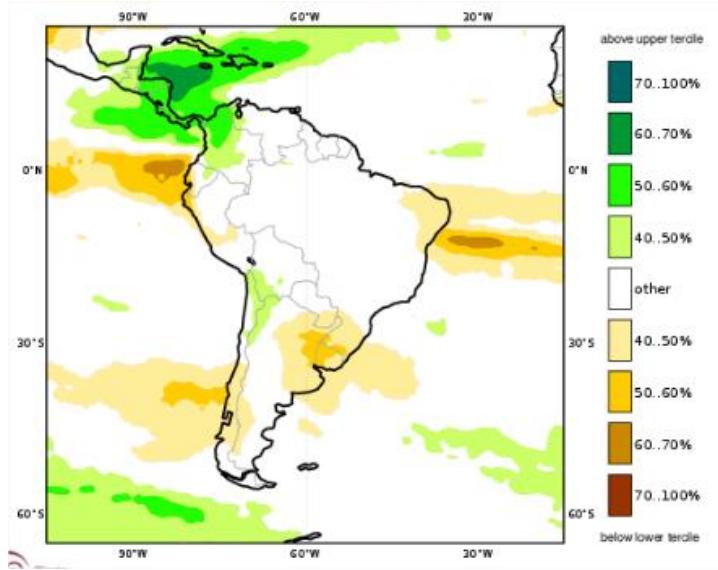


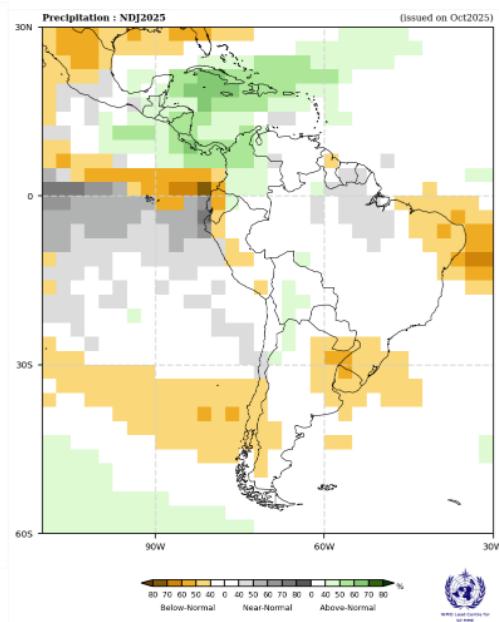
Figure 7. Official ENSO probabilities for the Niño 3.4 sea surface temperature index ($5^{\circ}\text{N}-5^{\circ}\text{S}$, $120^{\circ}\text{W}-170^{\circ}\text{W}$). Figure updated 9 October 2025.

Previsão Sazonal de Chuva Multi-Modelo

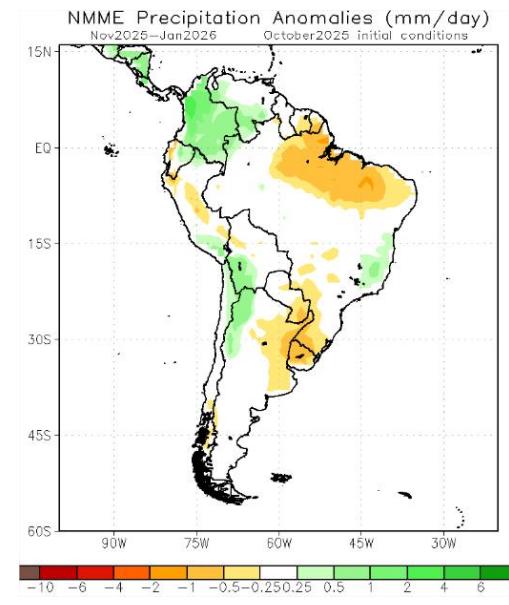
Novembro-Dezembro-Janeiro



Modelos “Europeus”



Modelos da WMO



Modelos Norte
Americanos

Previsão Sazonal de Chuva Multi-Modelo

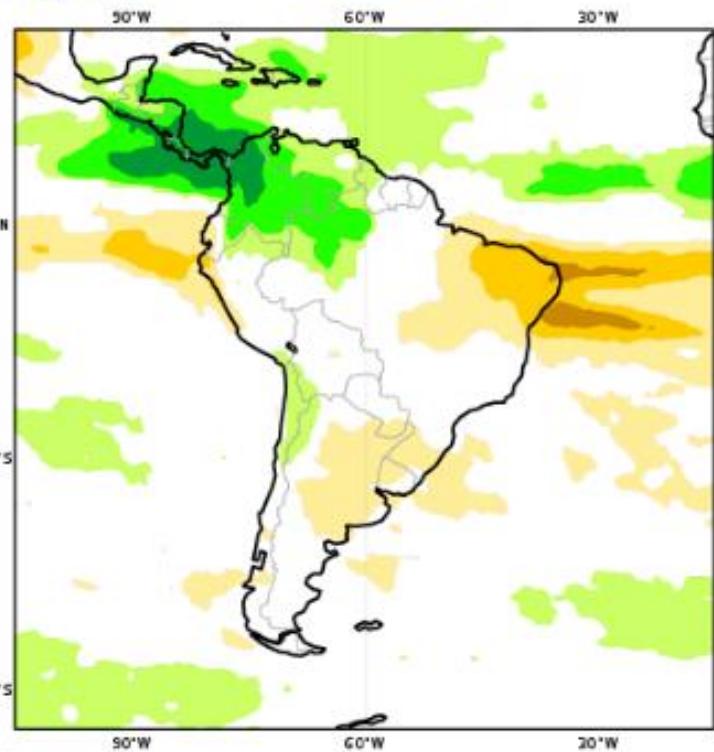
Dezembro-Janeiro-Fevereiro

C3S multi-system seasonal forecast

Prob(most likely category of precipitation)

Nominal forecast start: 01/11/25

Unweighted mean



DJF 2025/26

