

CEMADEN

**Centro Nacional de Monitoramento e
Alertas de Desastres Naturais**

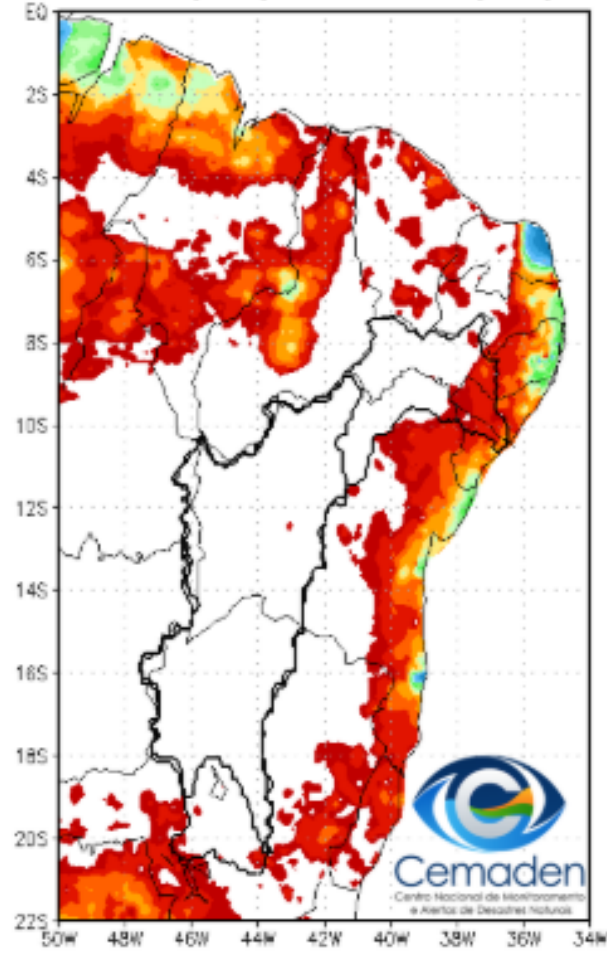
Monitoramento, Previsões e Projeções para a Bacia do Rio São Francisco



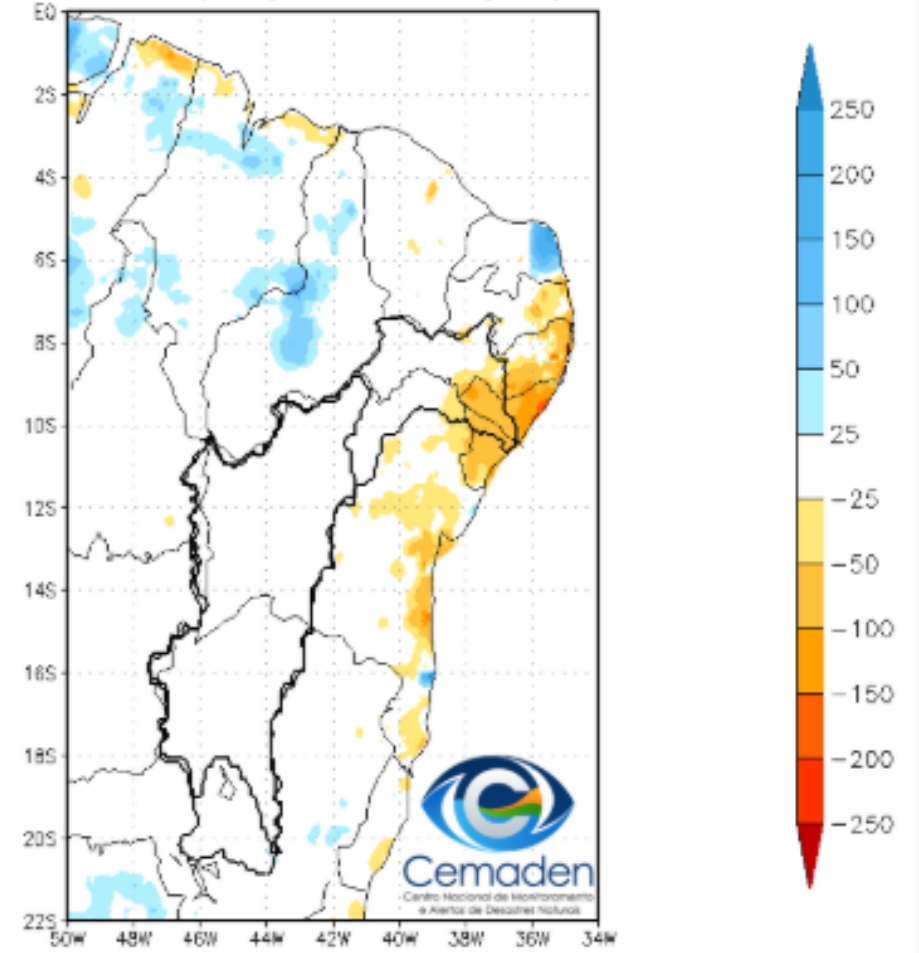
04 de Agosto de 2026

Chuva dos últimos 30 dias

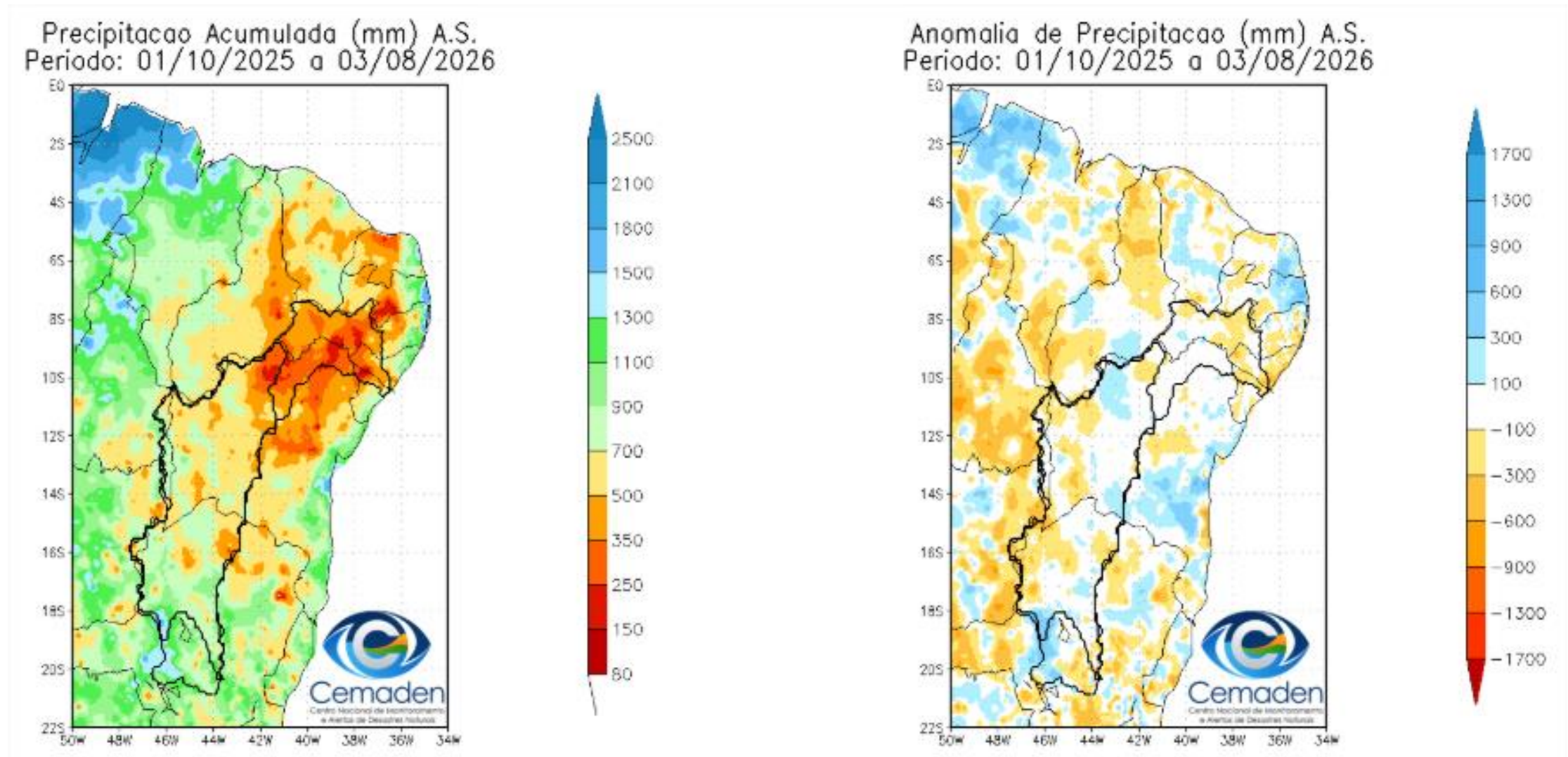
Precipitacao Acumulada (mm) A.S.
Período: 04/07/2026 a 03/08/2026



Anomalia de Precipitacao (mm) A.S.
Período: 04/07/2026 a 03/08/2026

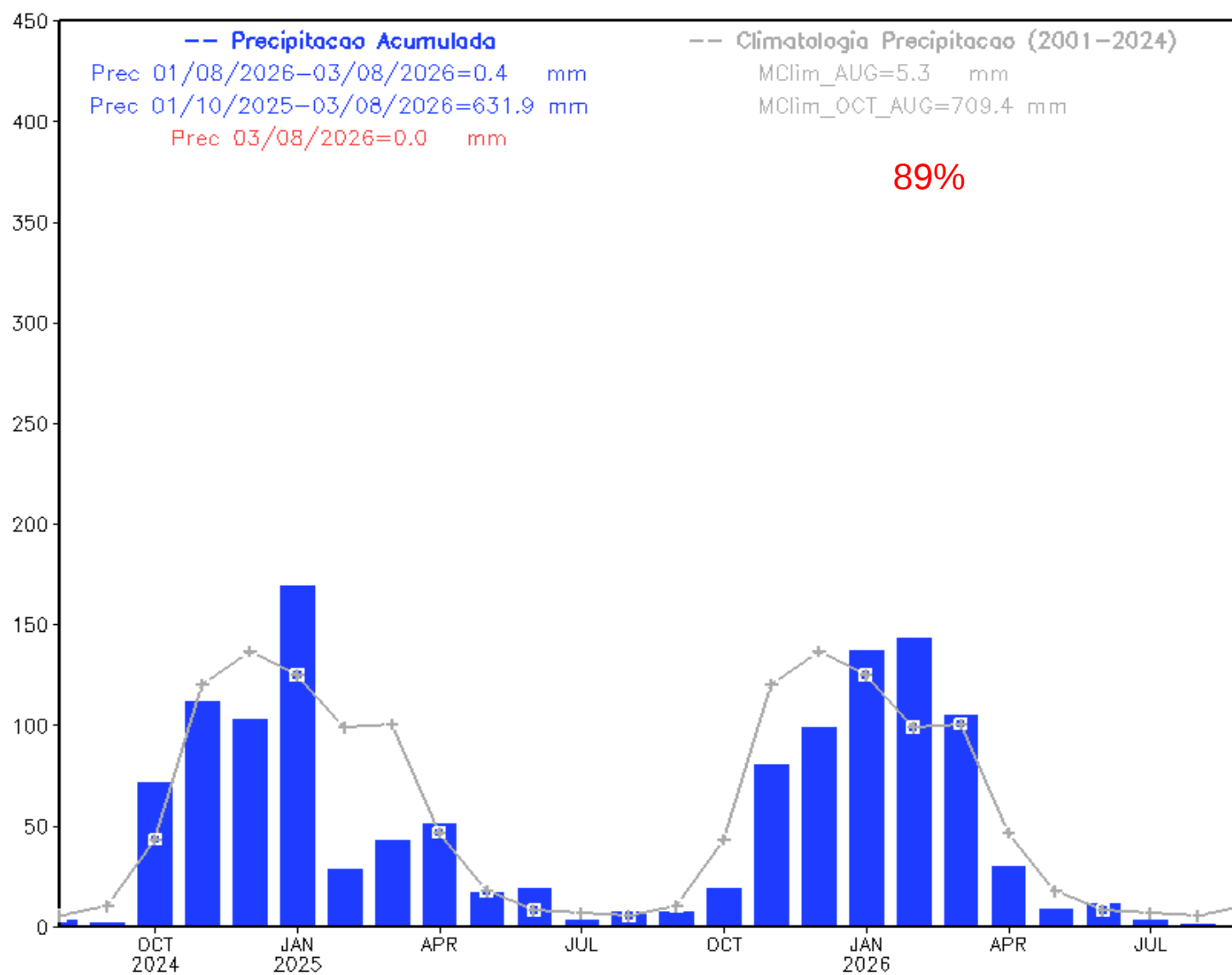


Chuva no Ano Hidrológico - desde 01/10/2025

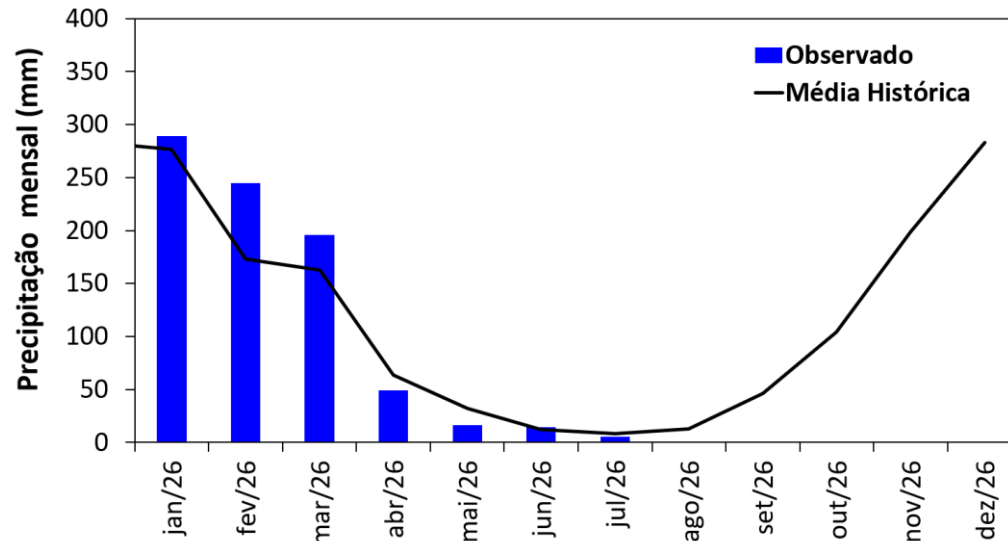


Chuva dos últimos dois anos

Precipitacao Bacia do Rio Sao_Francisco desde AUG 2024



Monitoramento UHE Três Marias



Precipitação

Estação Chuvosa - Out a Mar - 1198 mm

2024/2025: 1124 mm (94% da MLT)

2025/2026: 1104 mm (92% da MLT)

Estação Seca - Abr a Set - 175 mm

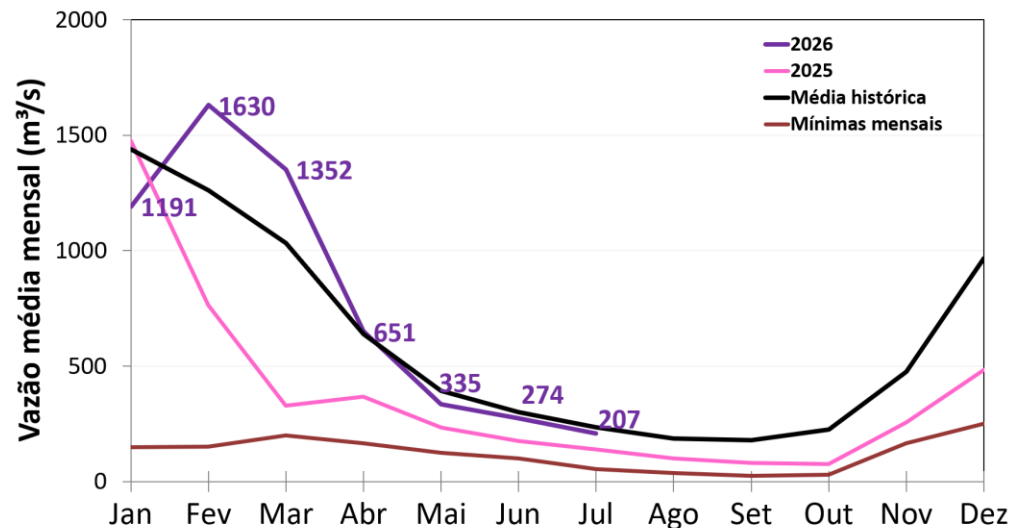
2025: 160 mm (91% MLT)

2026*: 85 mm (72% da MLT PARCIAL)

Julho/26: 5 mm (60% da MLT)

*Até 02/08/2026

MLT: Média de Longo Termo (1983-2025)



Vazão

Estação Chuvosa - Out a Mar - 900 m³/s

2024/2025: 691 m³/s (77% da MLT)

2025/2026: 832 m³/s (92% da MLT)

Estação Seca - Abr a Set - 322 m³/s

2025: 183 m³/s (57% da MLT)

2026**: 330 m³/s (102% da MLT)

Julho/26: 207 m³/s (89% da MLT)

02/Ago/26: 183 m³/s (99% da MLT)

*Até 02/08/2026

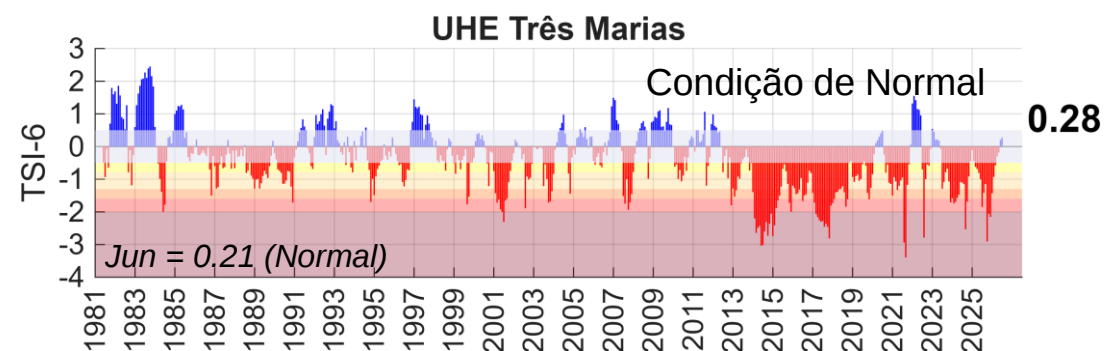
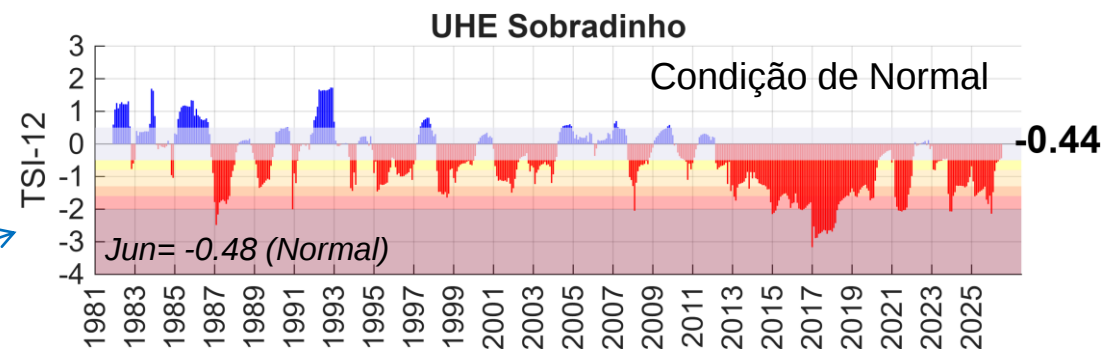
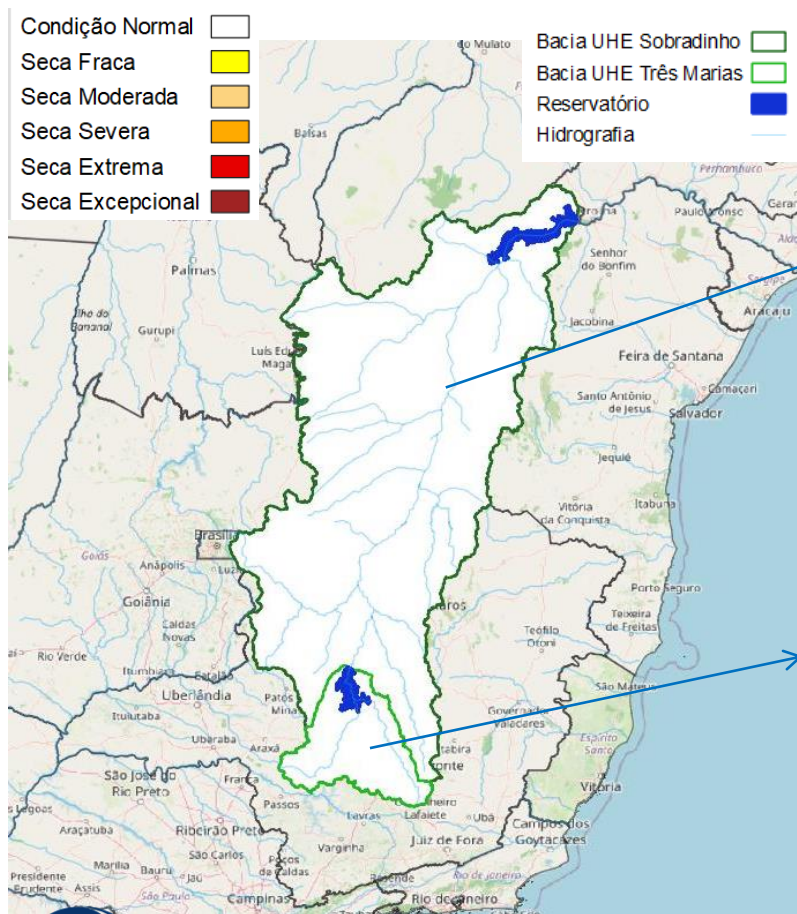
Dados de precipitação: INMET, ANA, CEMADEN.

Dados de vazão: ONS e ANA.

Monitoramento UHE Três Marias e Sobradinho

Índice Bivariado de Seca (Chuva-Vazão) – TSI: [Longo Prazo](#)

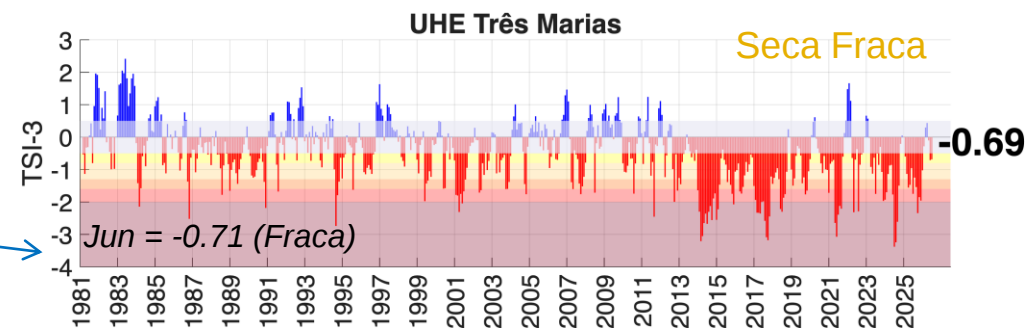
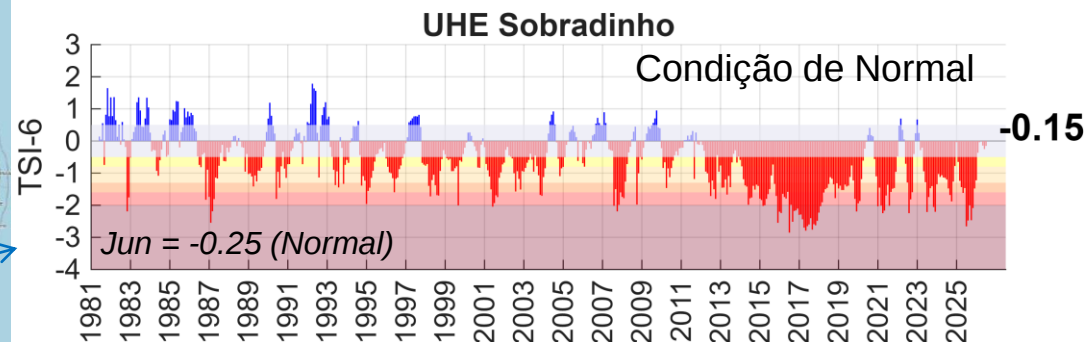
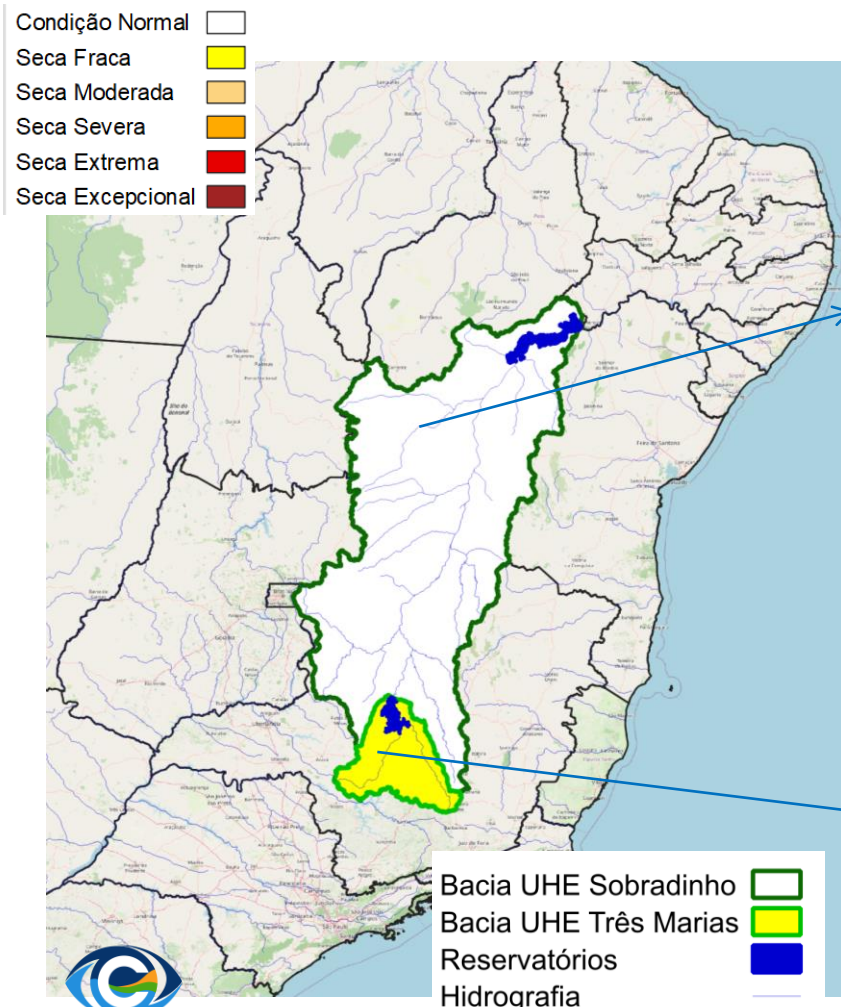
Julho/2026



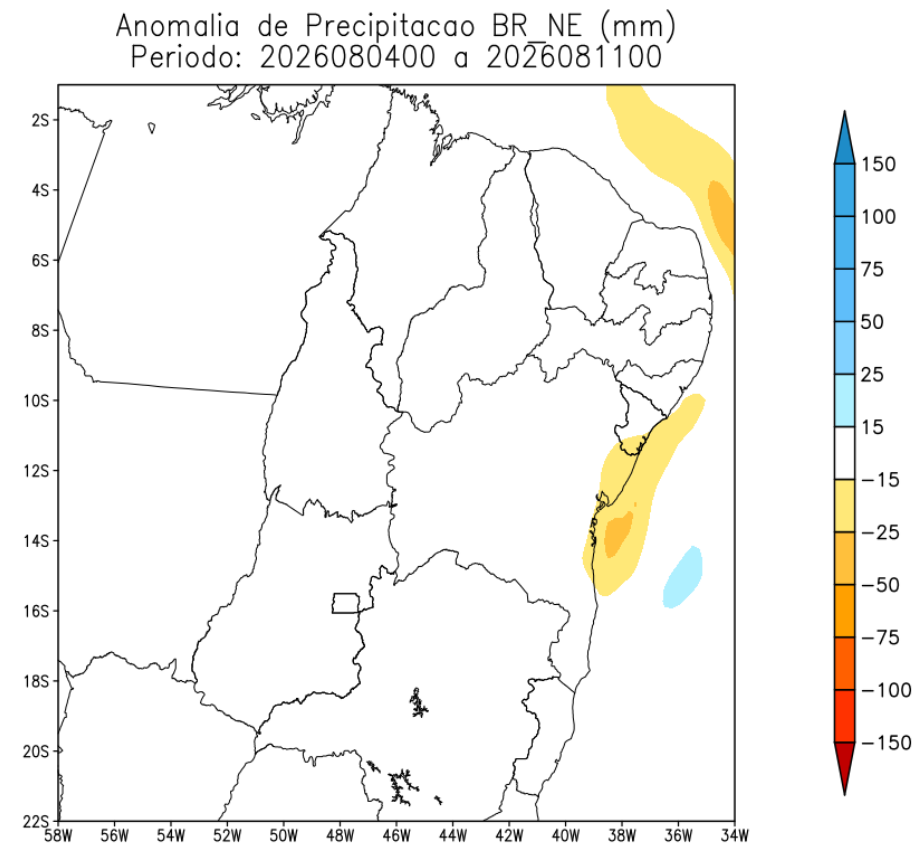
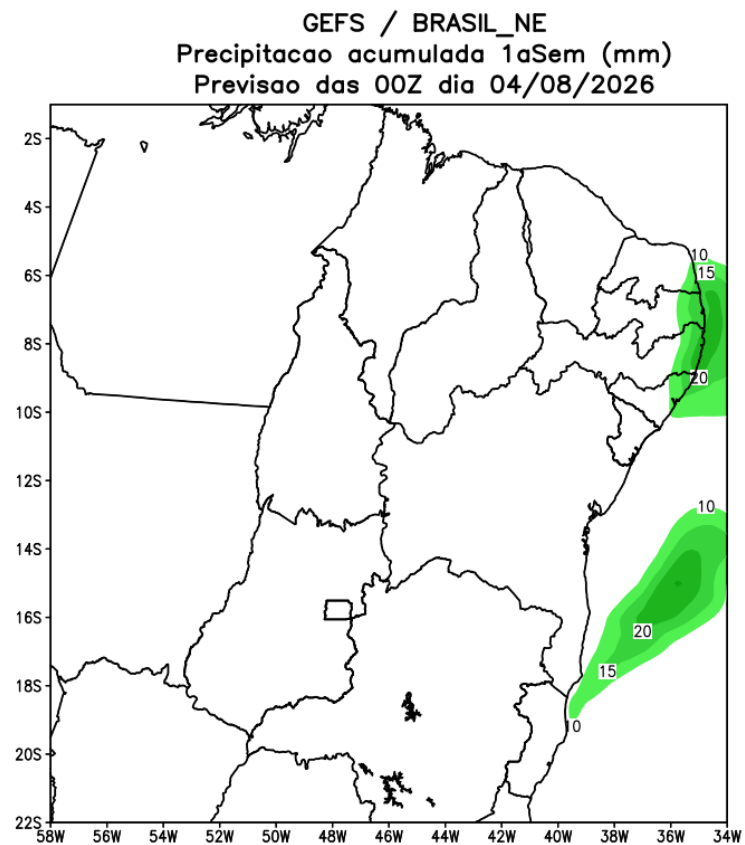
Monitoramento UHE Três Marias e Sobradinho

Índice Bivariado de Seca (Chuva-Vazão) – TSI: [Curto Prazo](#)

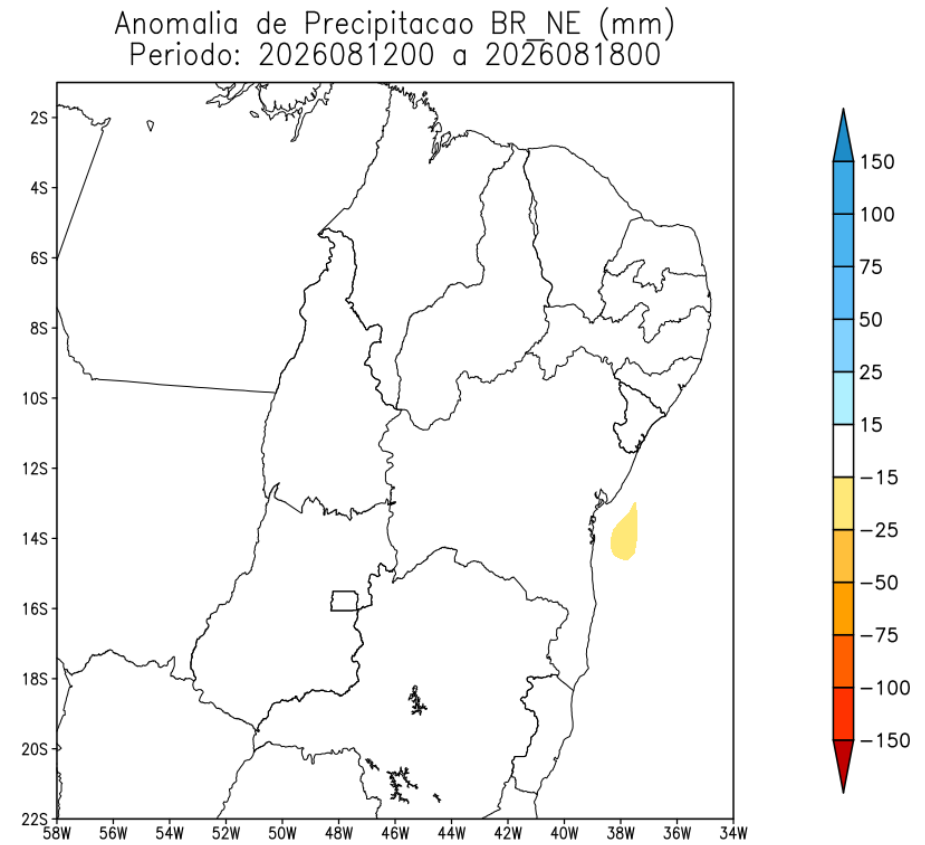
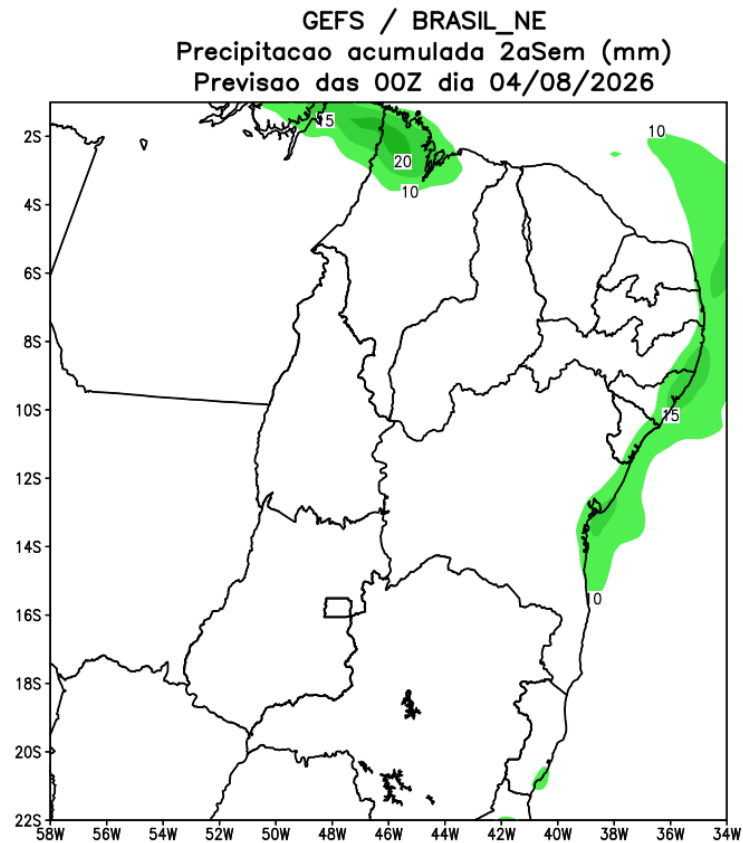
Julho/2026



Previsão de chuva próximos 7 dias

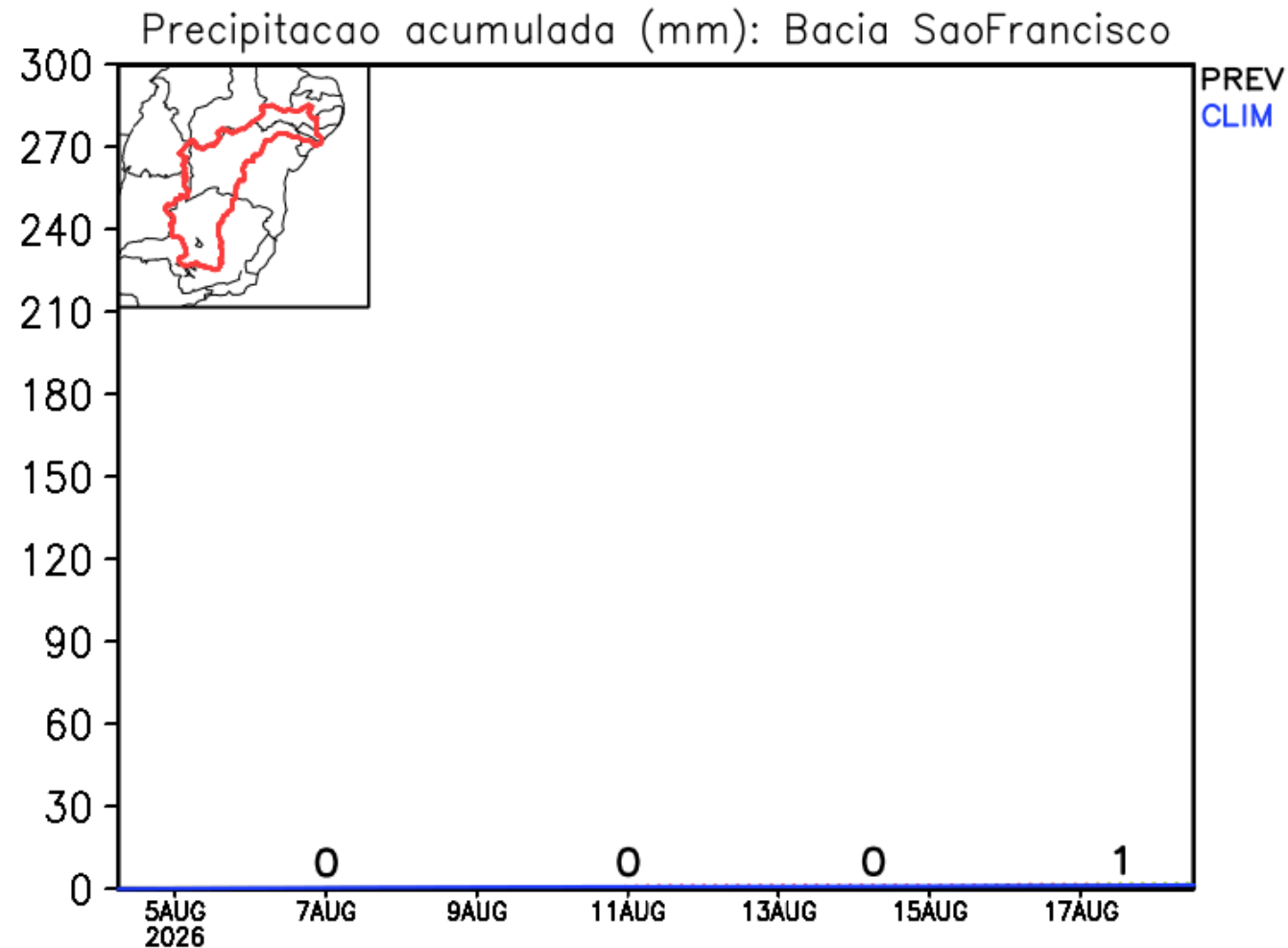
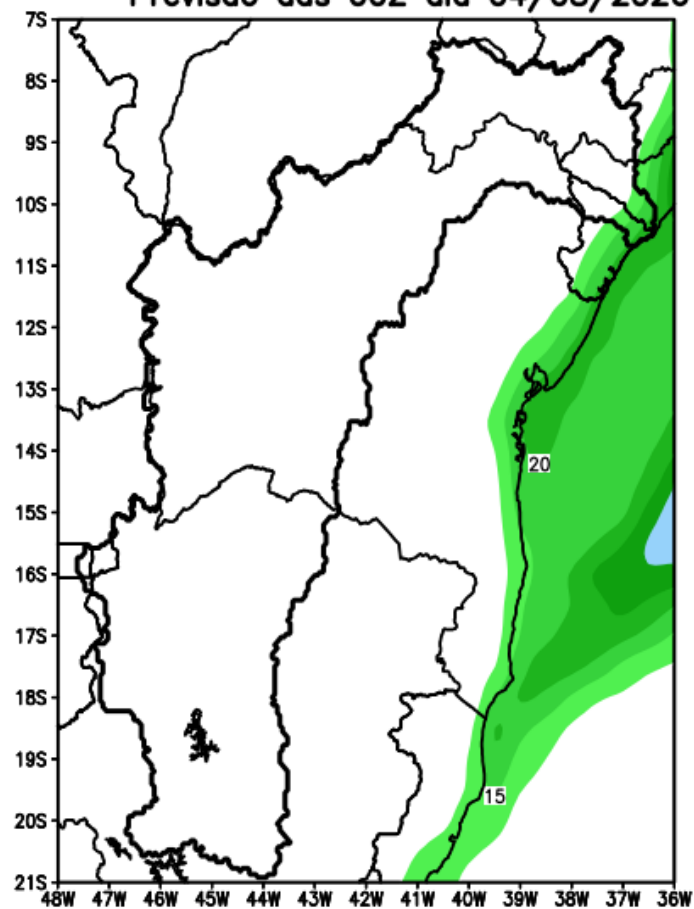


Tendência para a 2a semana



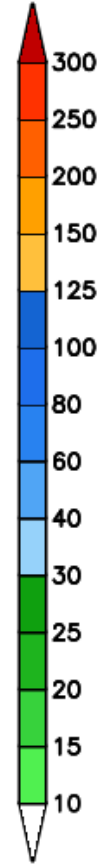
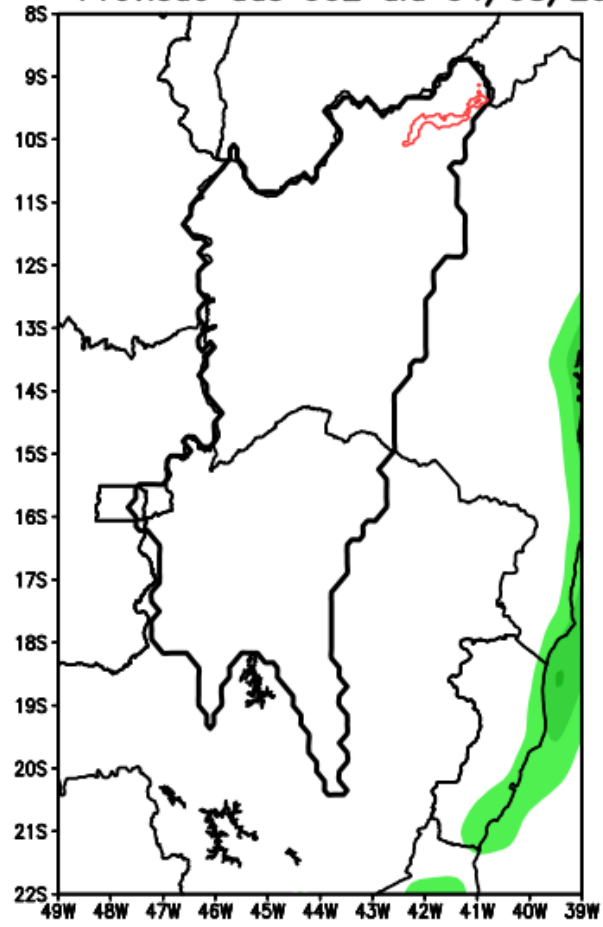
Bacia do rio São Francisco

GEFS / Bacia do Rio Sao Francisco
Precipitacao acumulada em 14 dias (mm)
Previsao das 00Z dia 04/08/2026

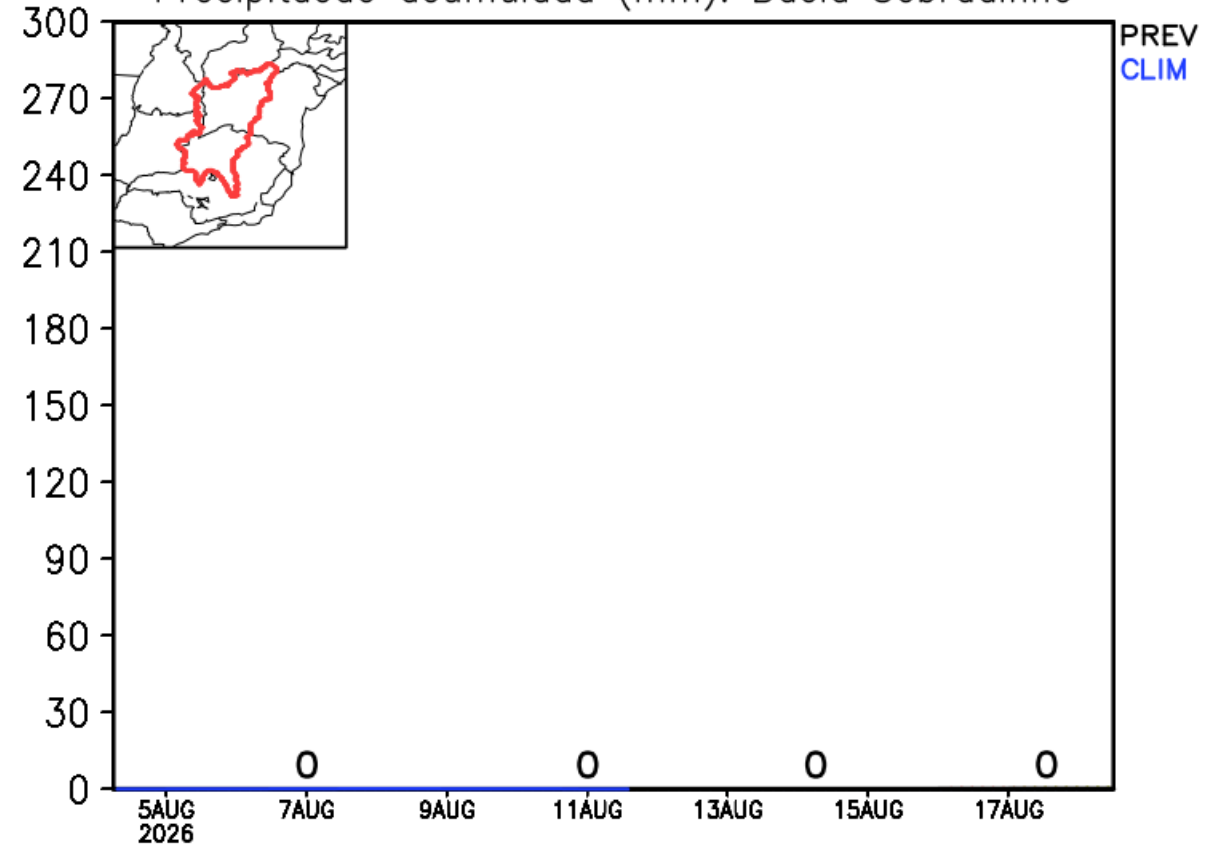


Bacia de Sobradinho

GEFS / Sobradinho
Precipitacao acumulada em 14 dias (mm)
Previsao das 00Z dia 04/08/2026

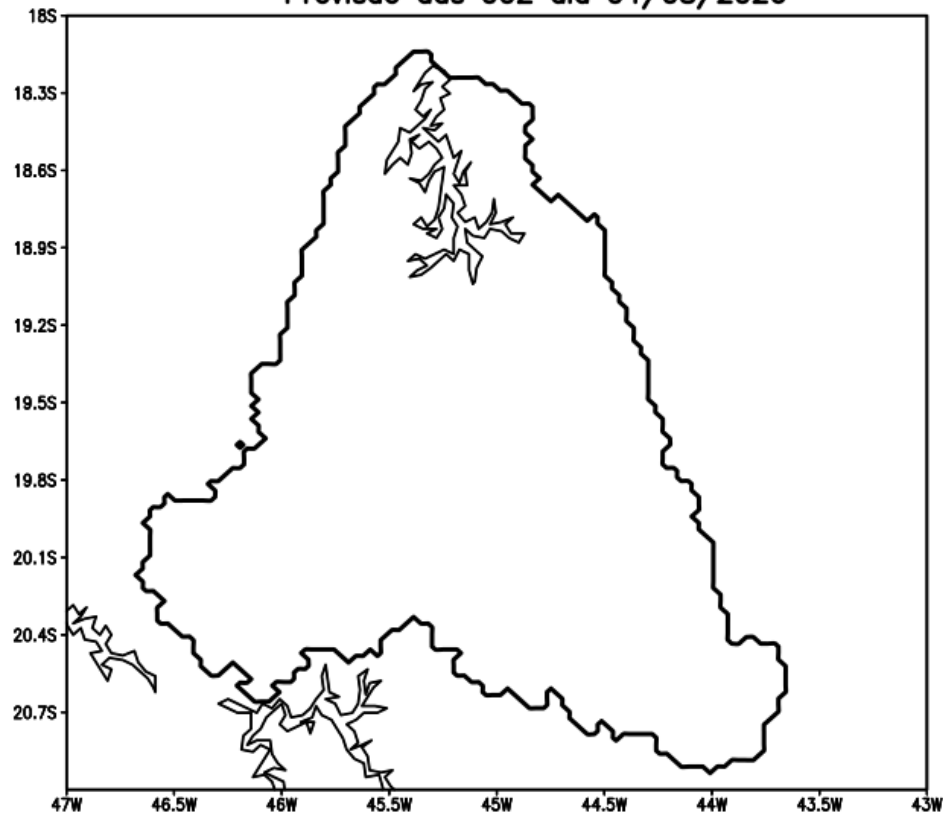


Precipitacao acumulada (mm): Bacia Sobradinho

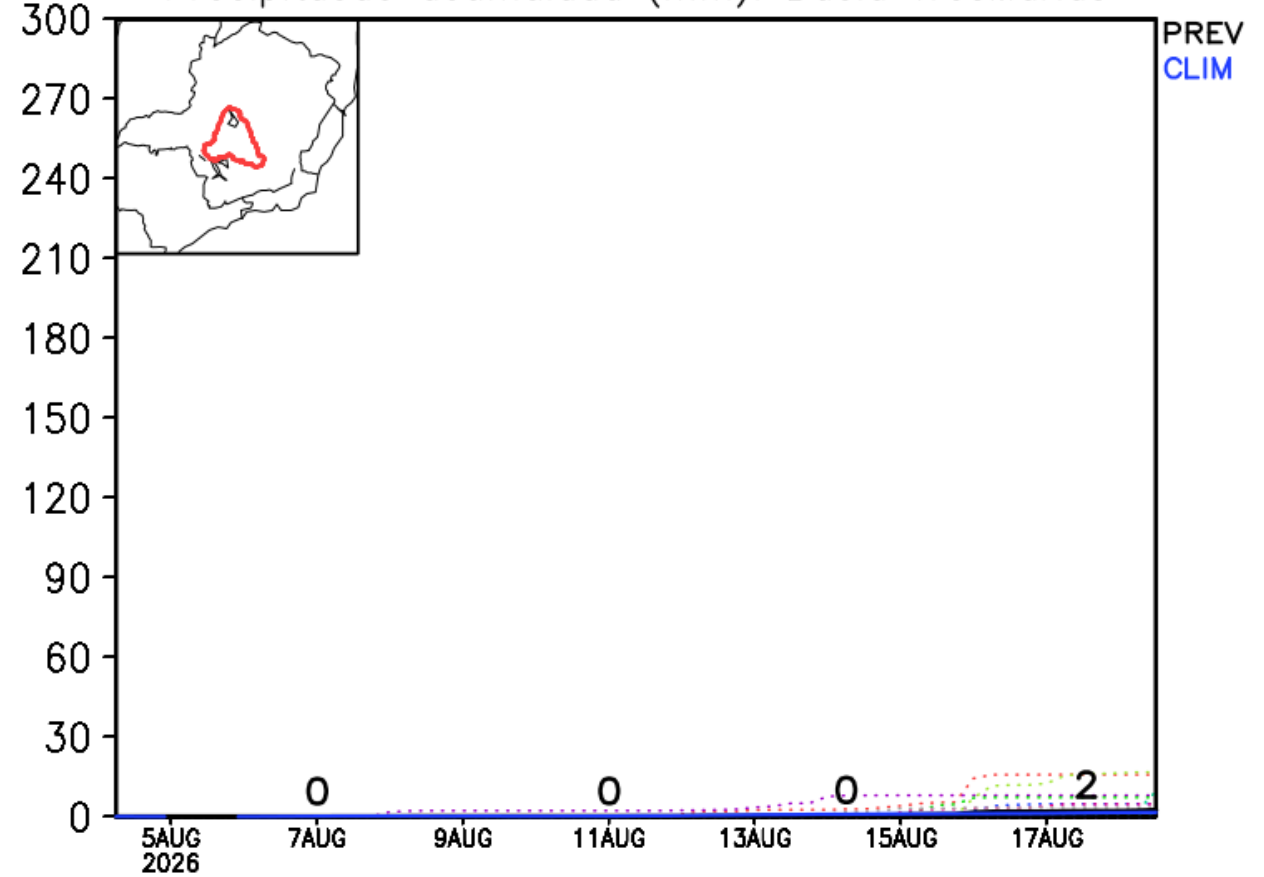


Bacia de Três Marias

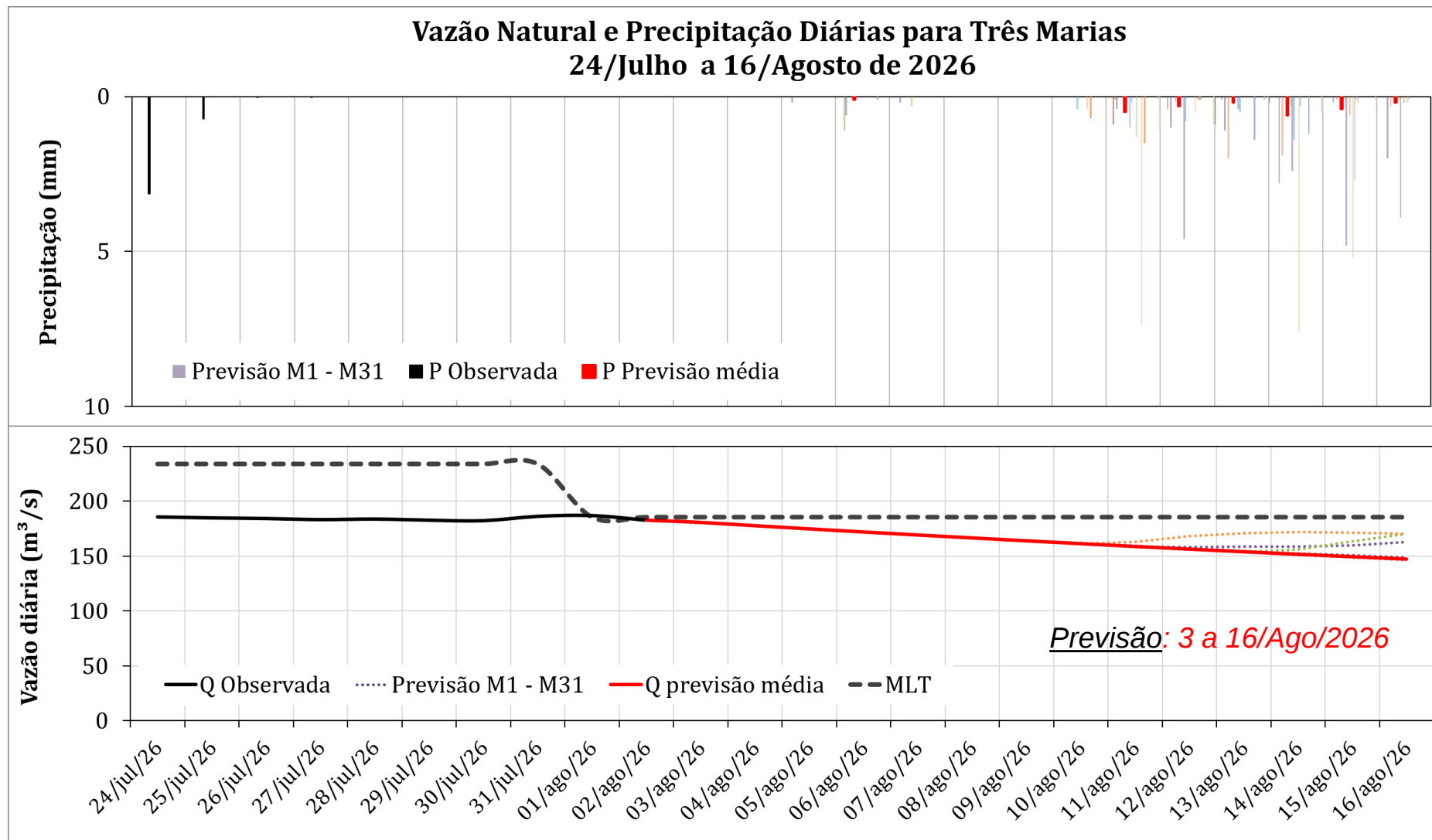
GEFS / Tres Marias
Precipitacao acumulada em 14 dias (mm)
Previsao das 00Z dia 04/08/2026



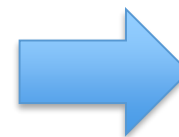
Precipitacao acumulada (mm): Bacia TresMarias



UHE Três Marias: Previsão de Vazão (modelo PDM/CEMADEN)



**Previsão média para
os próximos 14 dias: 163 m³/s**



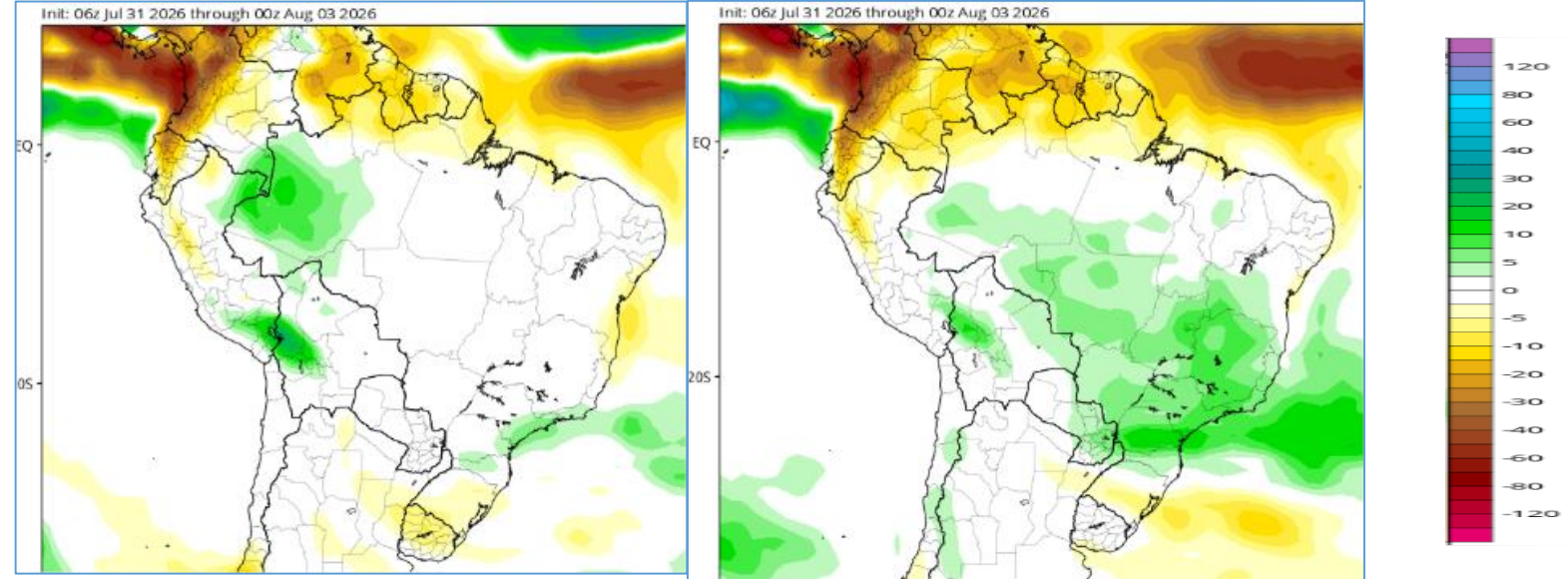
**88% da MLT
de Agosto**

Tendência 3a e 4a semanas

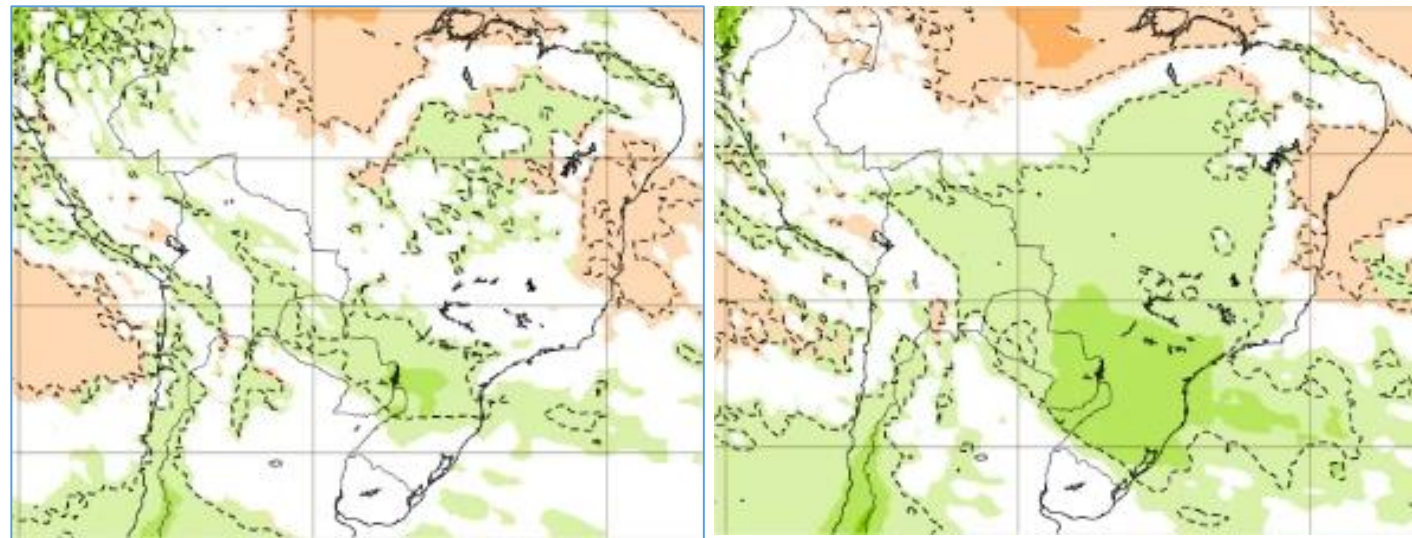
17-24 Ago

24-31 Ago

CFS/NOAA



ECMWF



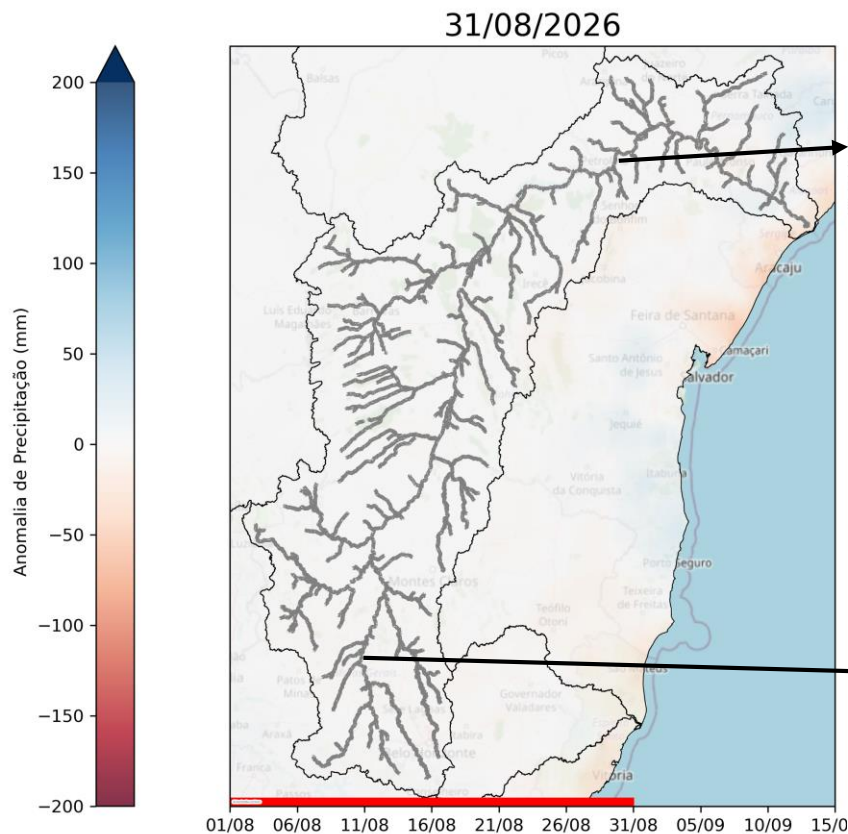
17-24 Ago

24-31 Ago

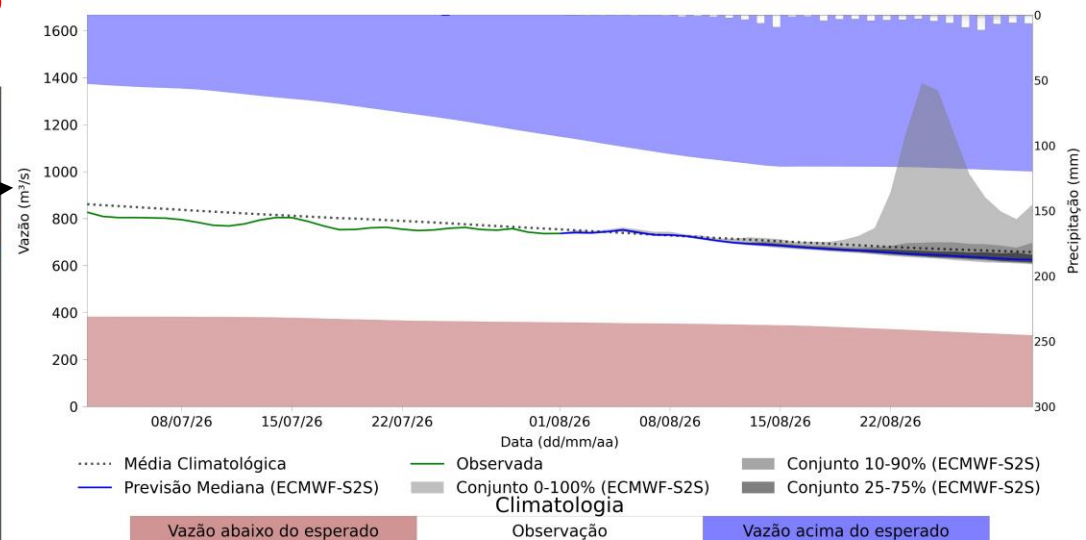
Extended range: Precipitation weekly mean anomaly, significance level: 10 % (mm)K
-60 -30 -10 0 10 30 60 >60

Previsão de vazão natural na Bacia Rio São Francisco

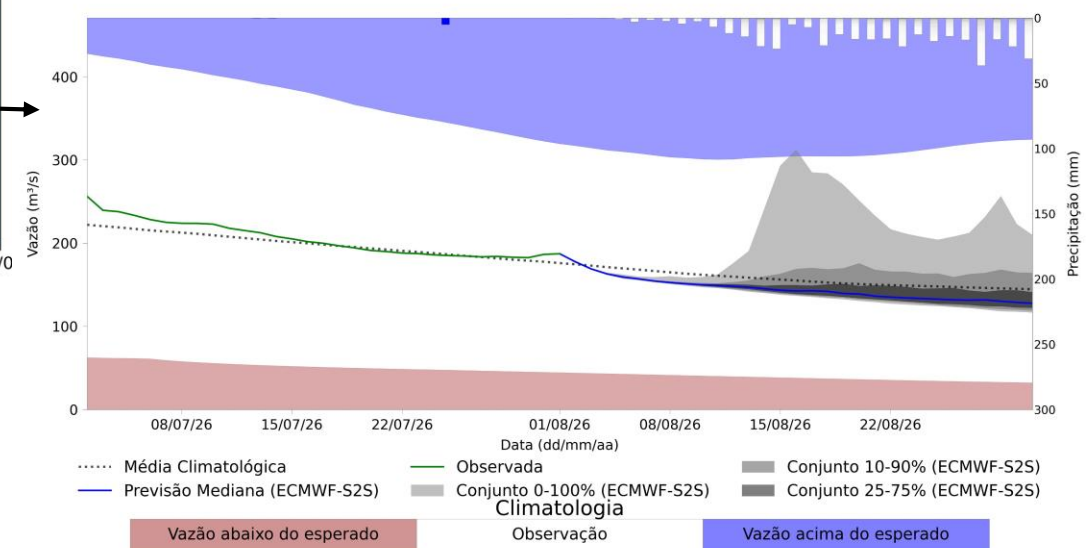
Previsão: 01/08/2026 a 31/08/2026



UHE Sobradinho



UHE Três Marias



Fonte: Meteorologia (INMET/MERGE);
Vazão (ANA/ONS)

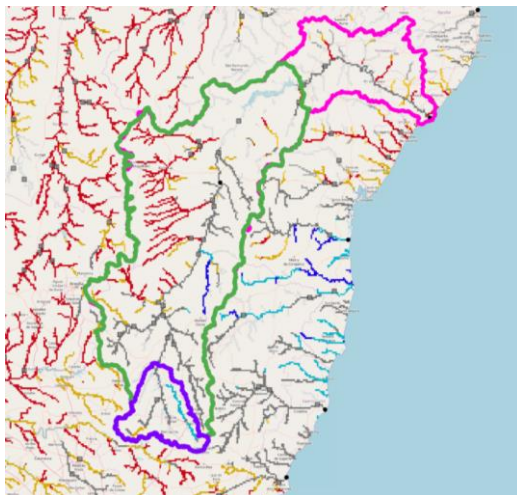
MLT: 1993-2024

Previsão Meteorológica: ECMWF-S2S

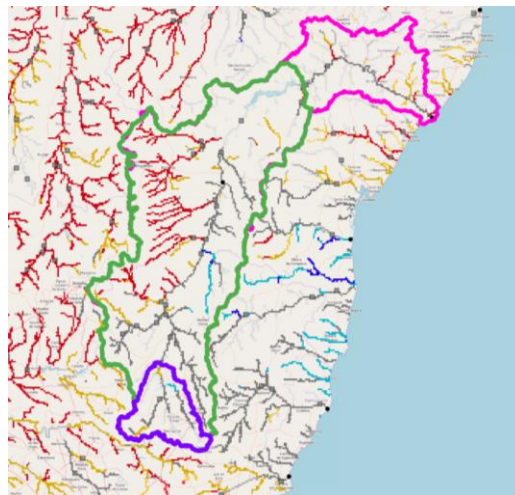
Previsão Sub-sazonal (45 dias) de vazões naturais para a Bacia do Rio São Francisco (GloFAS)

Previsão: 06/08/2026 – 17/09/2026

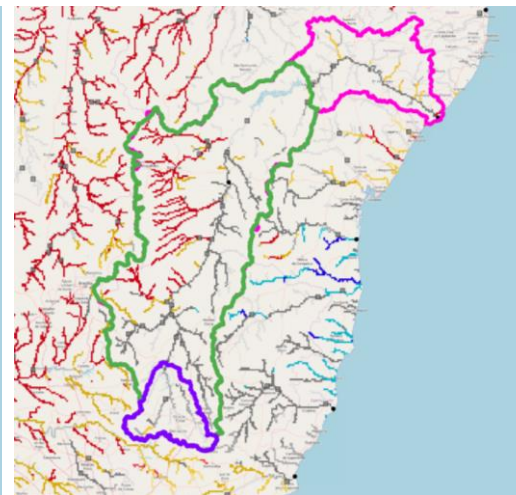
06/08/2026-13/08/2026



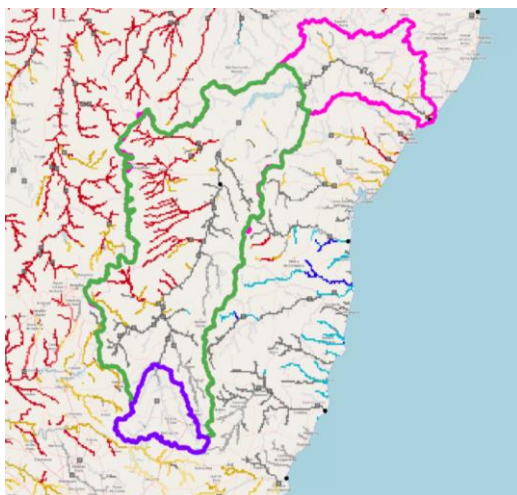
14/08/2026-20/08/2026



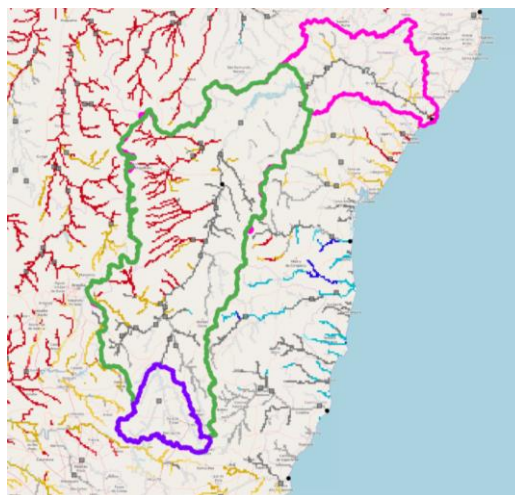
21/08/2026-27/08/2026



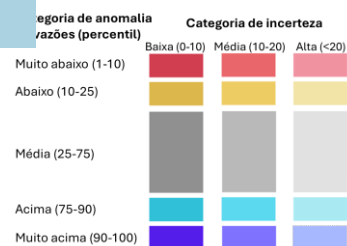
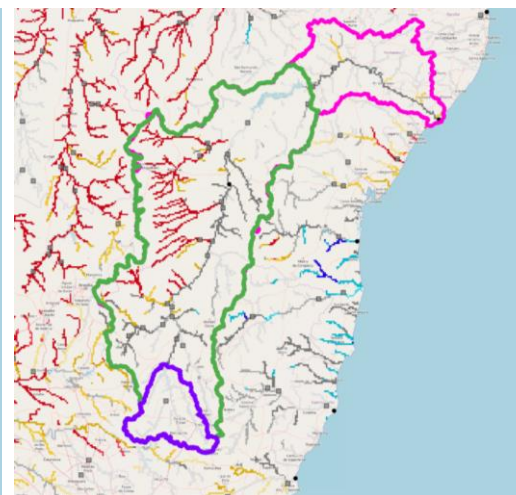
28/08/2026-03/09/2026



04/09/2026-10/09/2026



11/09/2026-17/09/2026

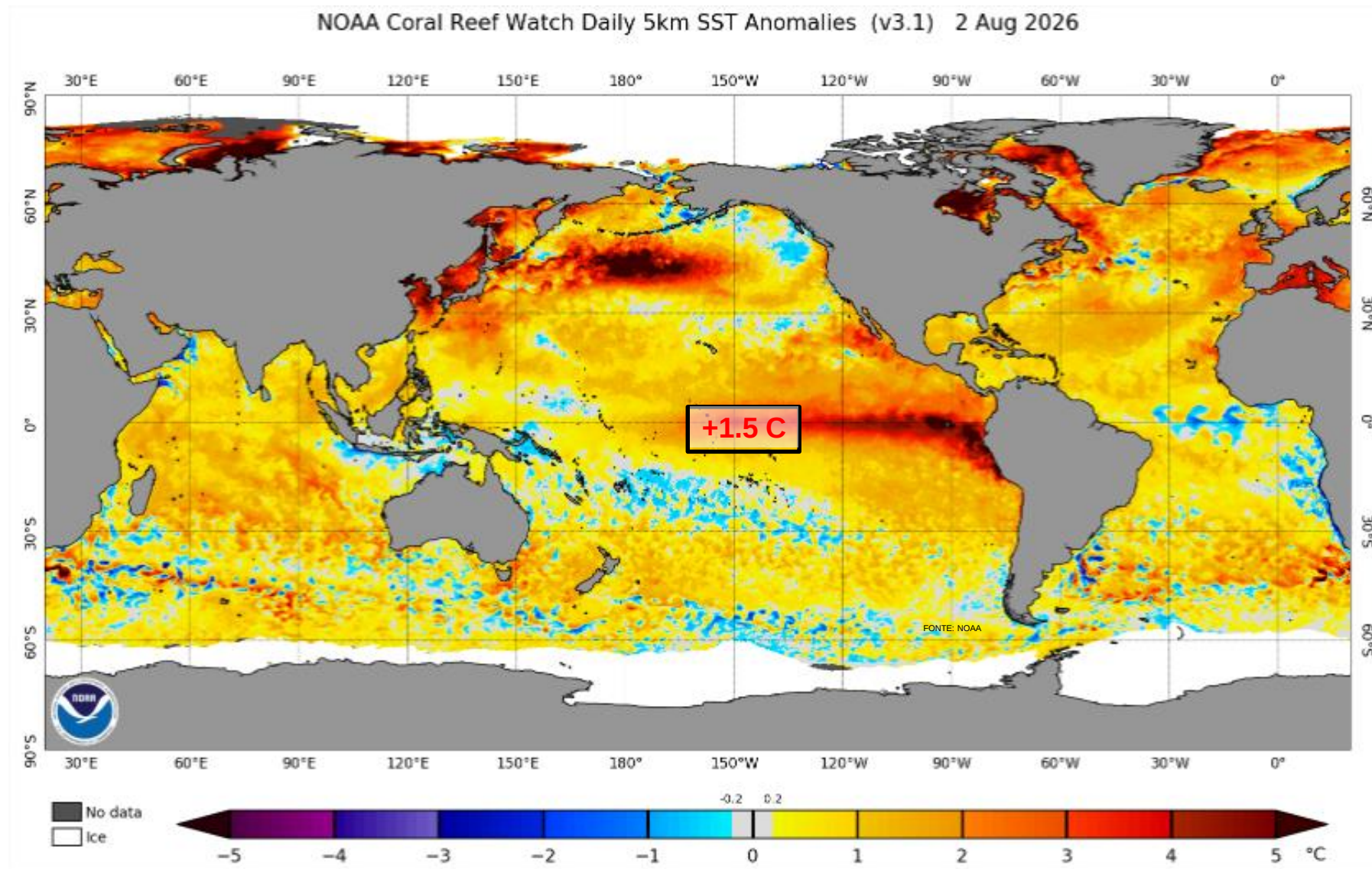


Fonte: Previsão Meteorológica: ECMWF
Previsão de vazão: Lisflood/GloFAS Forecast
<https://www.globalfloods.eu/glofas-forecasting/>

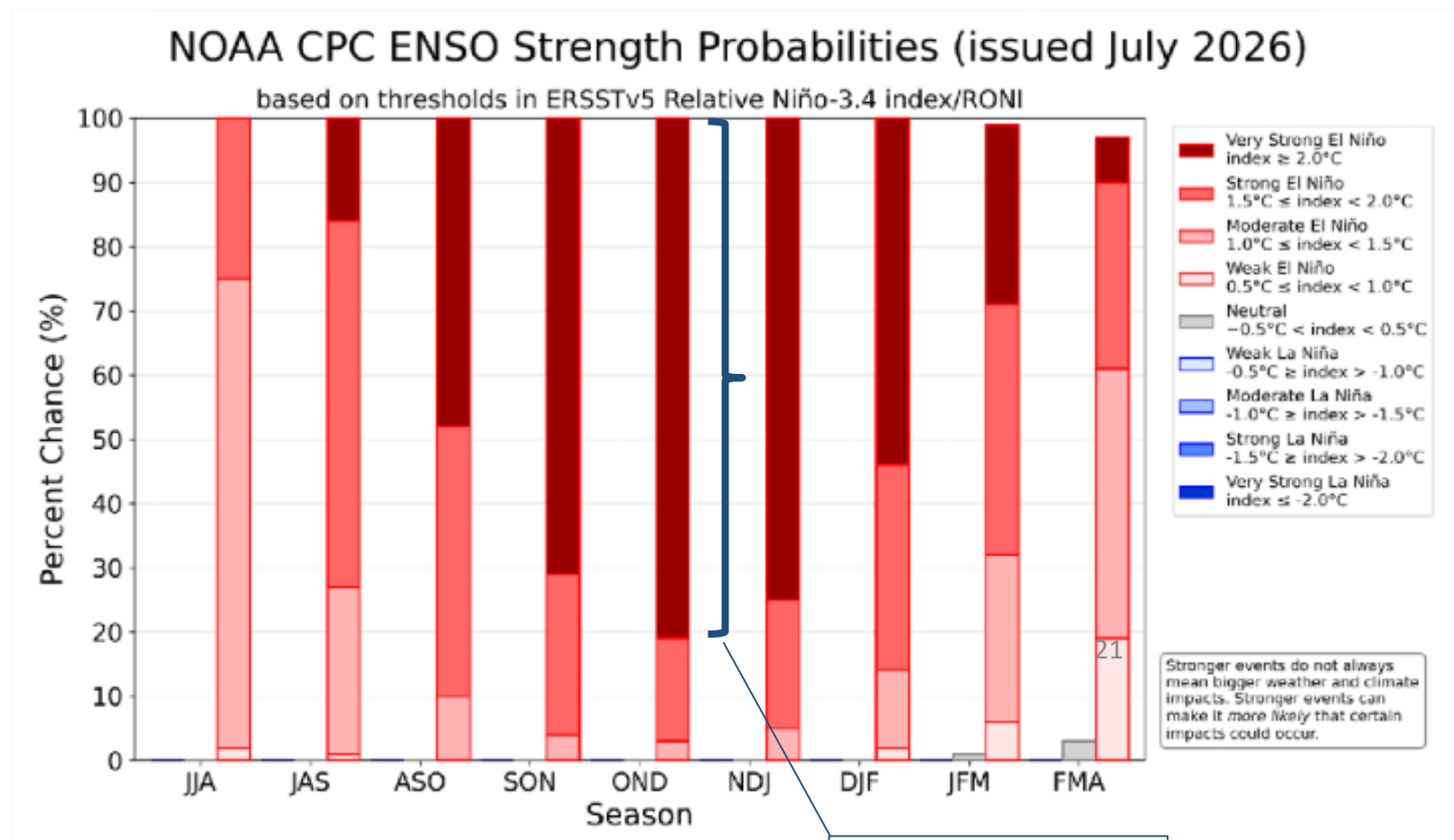


 Bacia UHE Três Marias
 Bacia UHE Sobradinho
 Bacia Rio São Francisco

Status Atual: **El Niño**



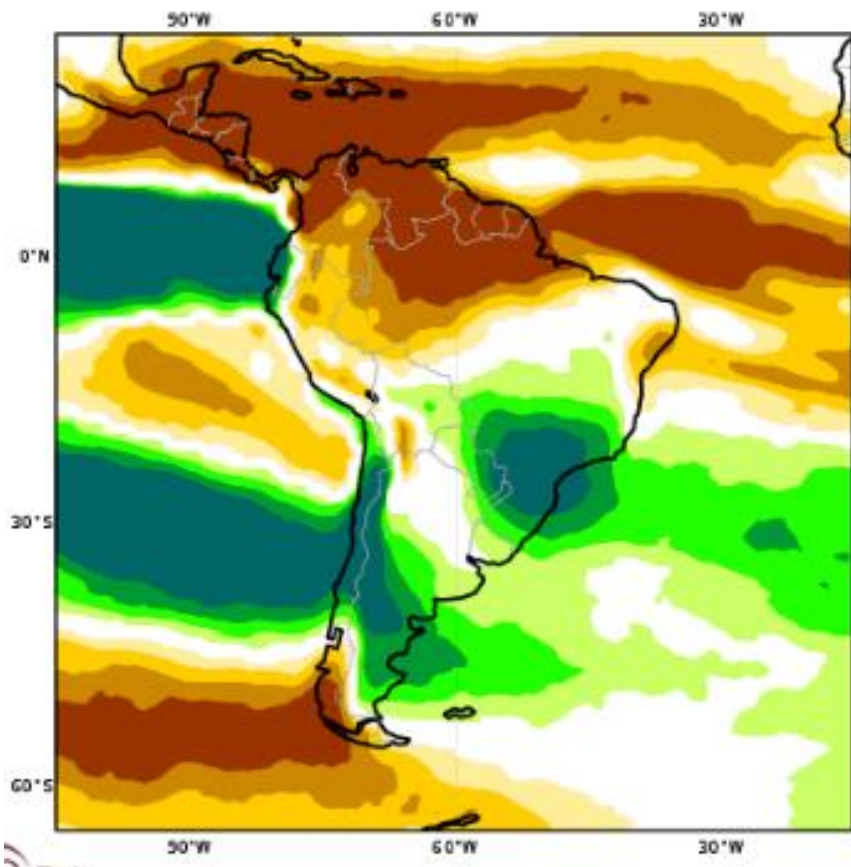
Previsão da intensidade do “El Niño”



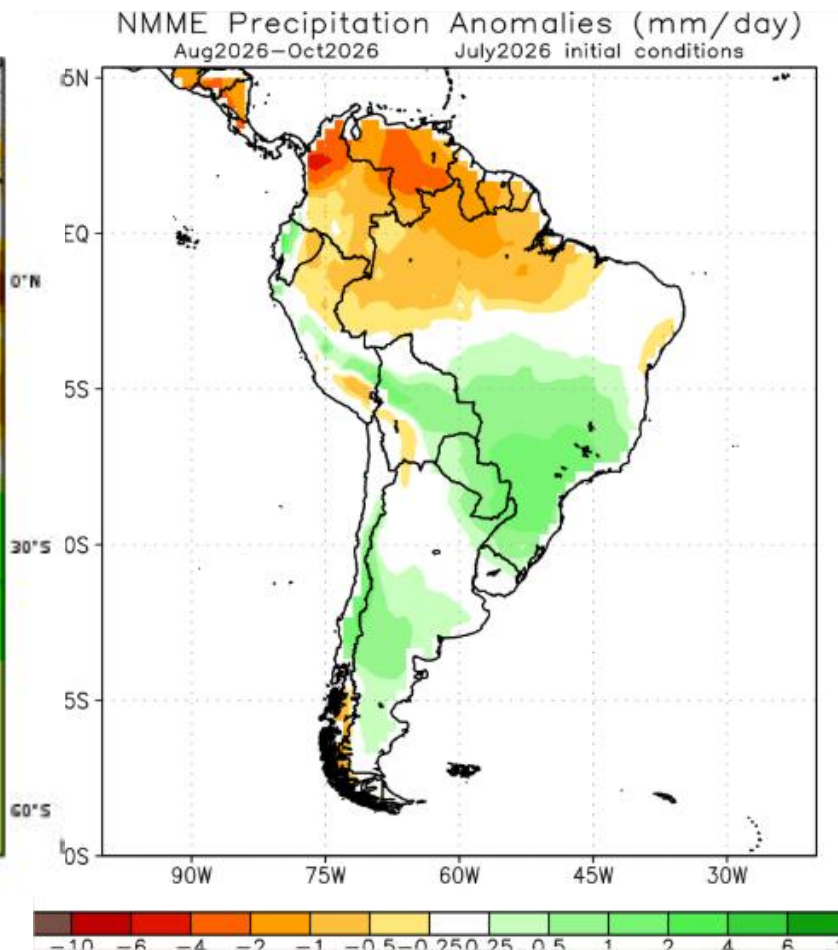
>80% de chance de
EN forte-muito forte

Previsão Sazonal de Chuva Multi-Modelo

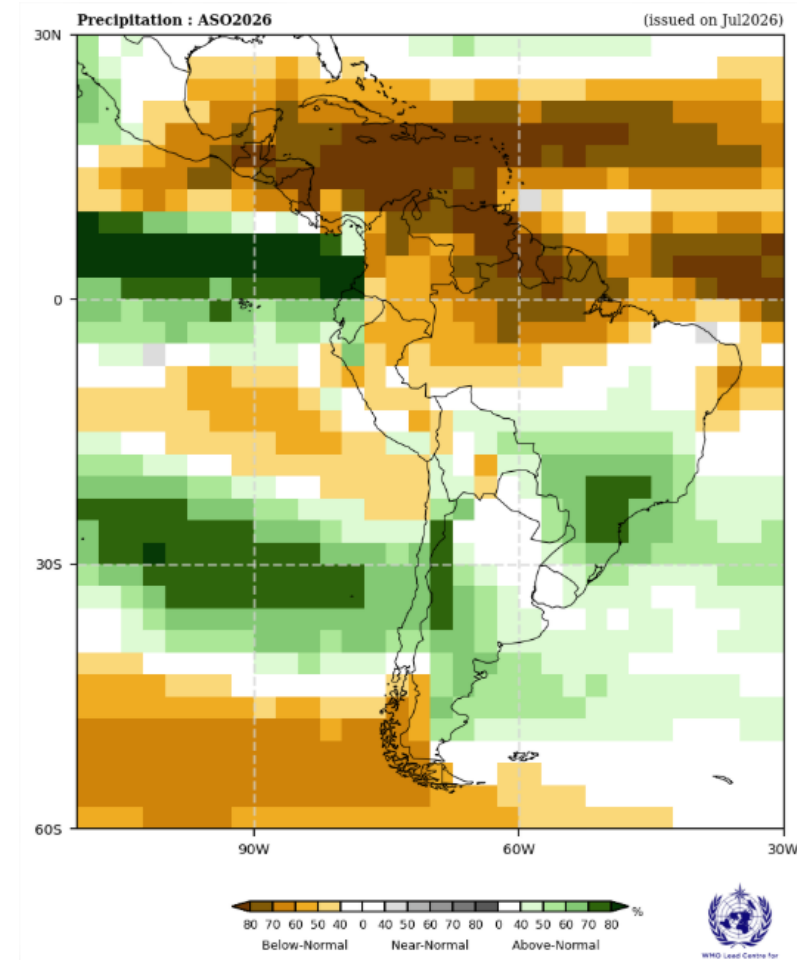
Agosto-Setembro-Outubro



Modelos "Europeus"

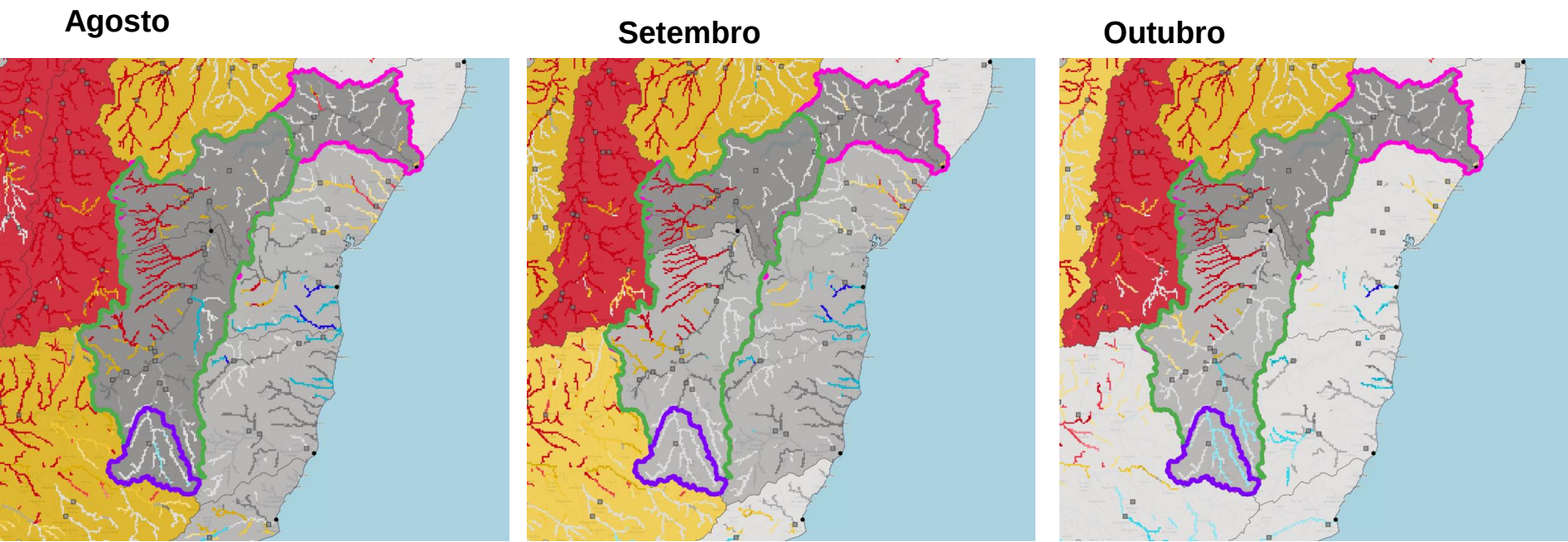


Modelos Norte Americanos



Modelos da WMO

Previsão Sazonal (AS)) de vazões naturais para a Bacia do Rio São Francisco (GloFAS)
Previsão: Agosto, Setembro e Outubro de 2026



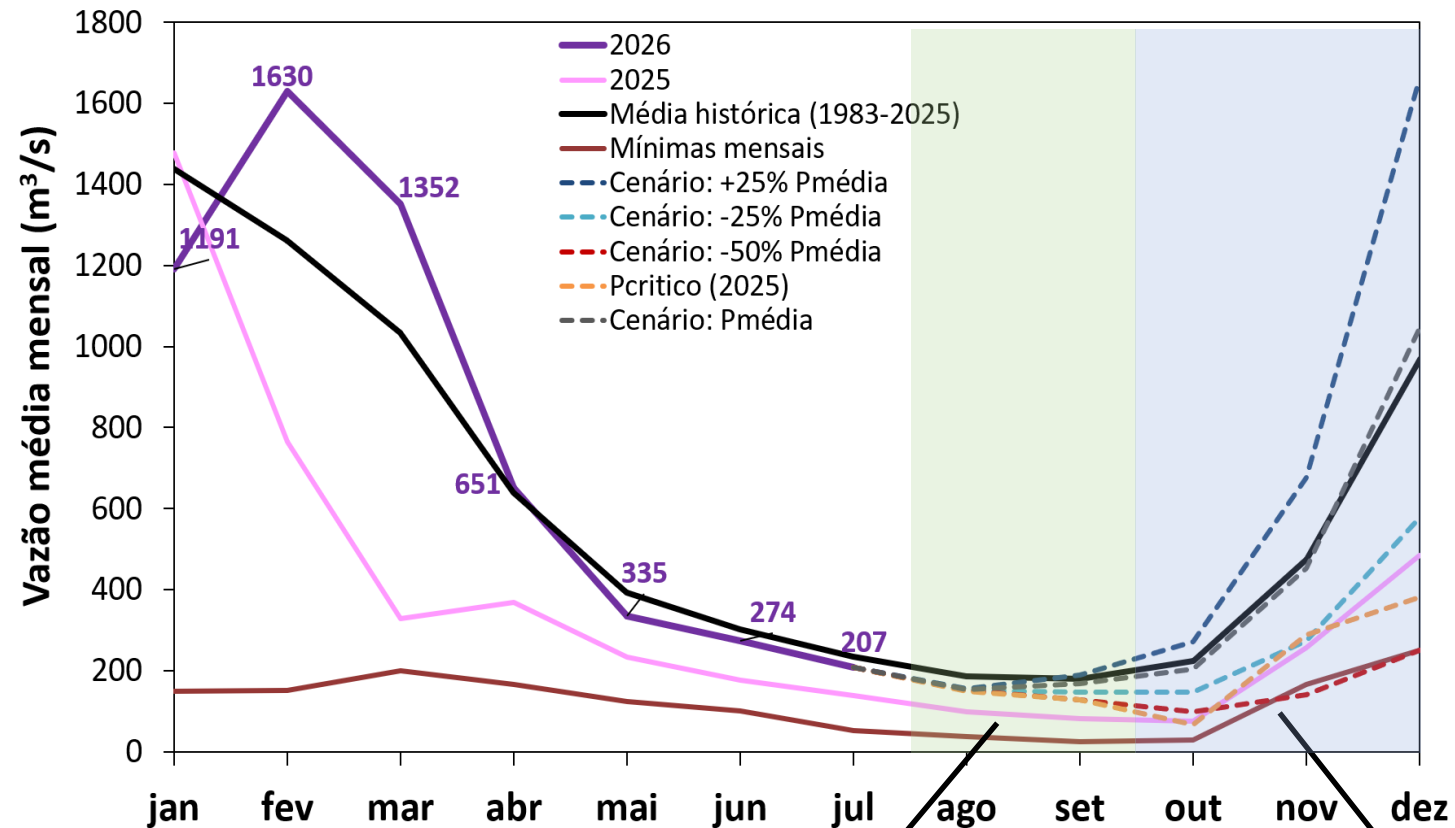
Fonte: Previsão Meteorológica: ECMWF
Previsão de vazão: Lisflood/GloFAS Forecast
<https://www.globalfloods.eu/glofas-forecasting/>



- Bacia UHE Três Marias
- Bacia UHE Sobradinho
- Bacia Rio São Francisco

Categoria de anomalia de vazões (percentil)	Categoria de incerteza		
	Baixa (0-10)	Média (10-20)	Alta (<20)
Muito abaixo (1-10)			
Abaixo (10-25)			
Média (25-75)			
Acima (75-90)			
Muito acima (90-100)			

Três Marias: Projeção de Vazão (Modelo hidrológico PDM-CEMADEN)



Ago-Set (Meses Secos)

MLT: 182 m³/s

Vazão	% MLT
172 m³/s	95%
161m³/s	88%
150 m³/s	82%
139 m³/s	76%

Out-Dez (Meses Chuvosos)

MLT: 556 m³/s

Vazão	% MLT
870 m³/s	156%
568 m³/s	102%
333 m³/s	60%
246 m³/s	44%

Anos análogos de El Niño

Trimestre ASO

- 1982
- 1991
- 1997
- 2009
- 2015
- 2023

