



CEMADEN

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

**Monitoramento, Impactos,
Previsões e Projeções**

Bacia do Rio São Francisco

07 de outubro de 2025

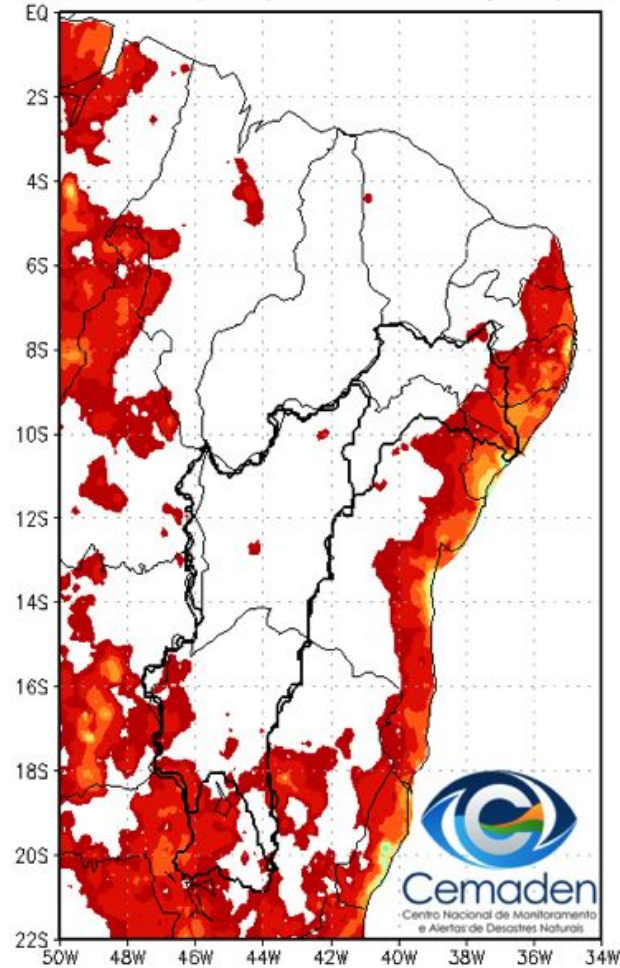


MINISTÉRIO DA
**CIÊNCIA, TECNOLOGIA
E INOVAÇÃO**

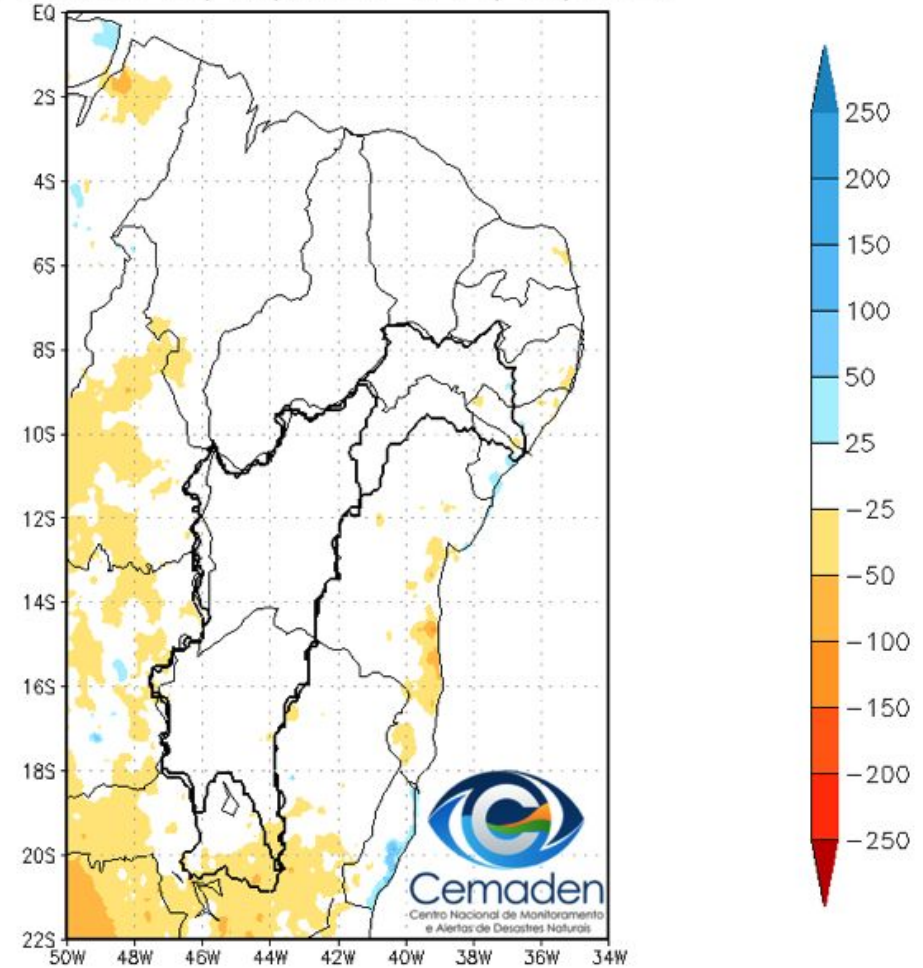


Chuva dos últimos 30 dias

Precipitacao Acumulada (mm) A.S.
Período: 06/09/2025 a 06/10/2025

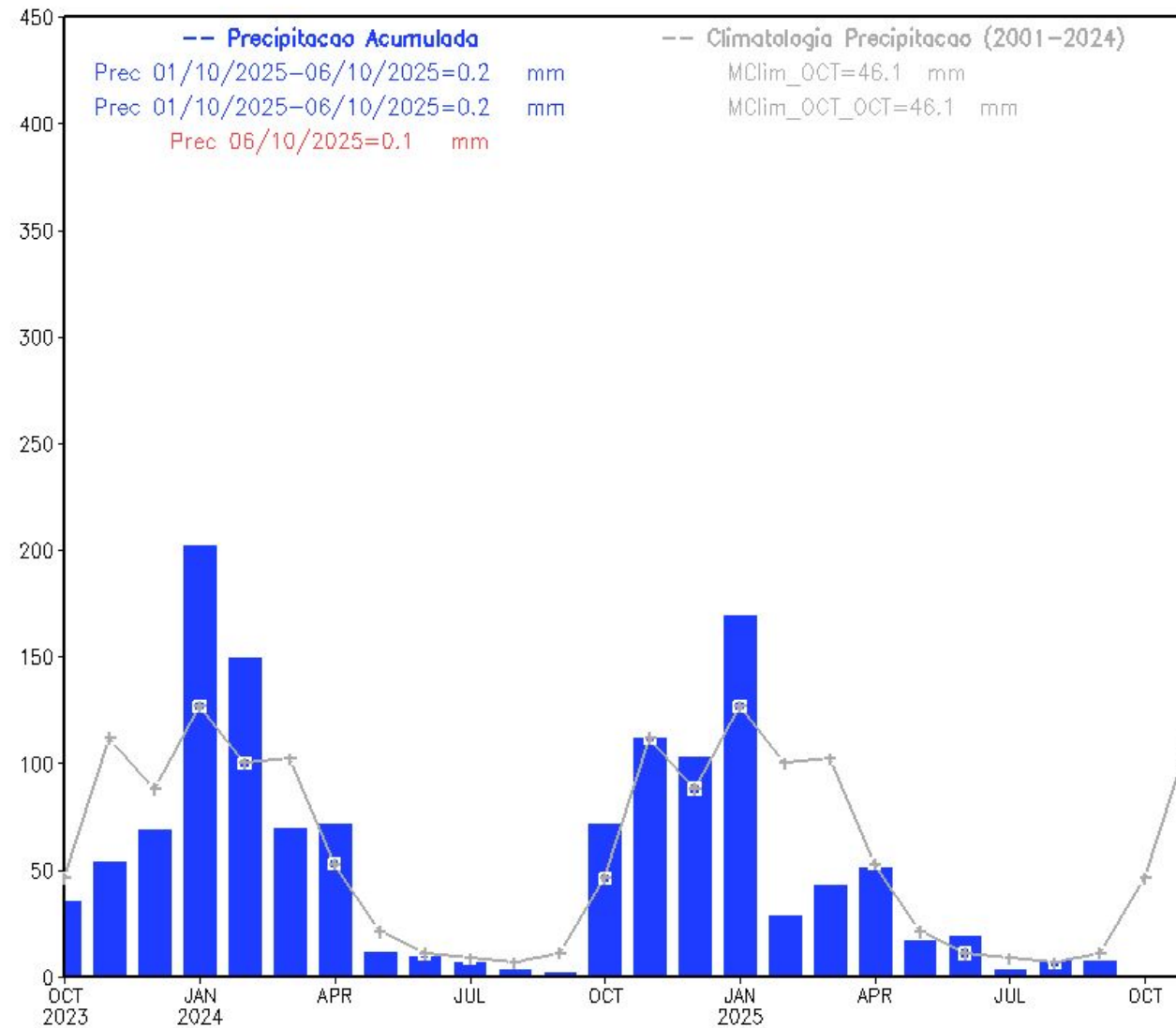


Anomalia de Precipitacao (mm) A.S.
Período: 06/09/2025 a 06/10/2025

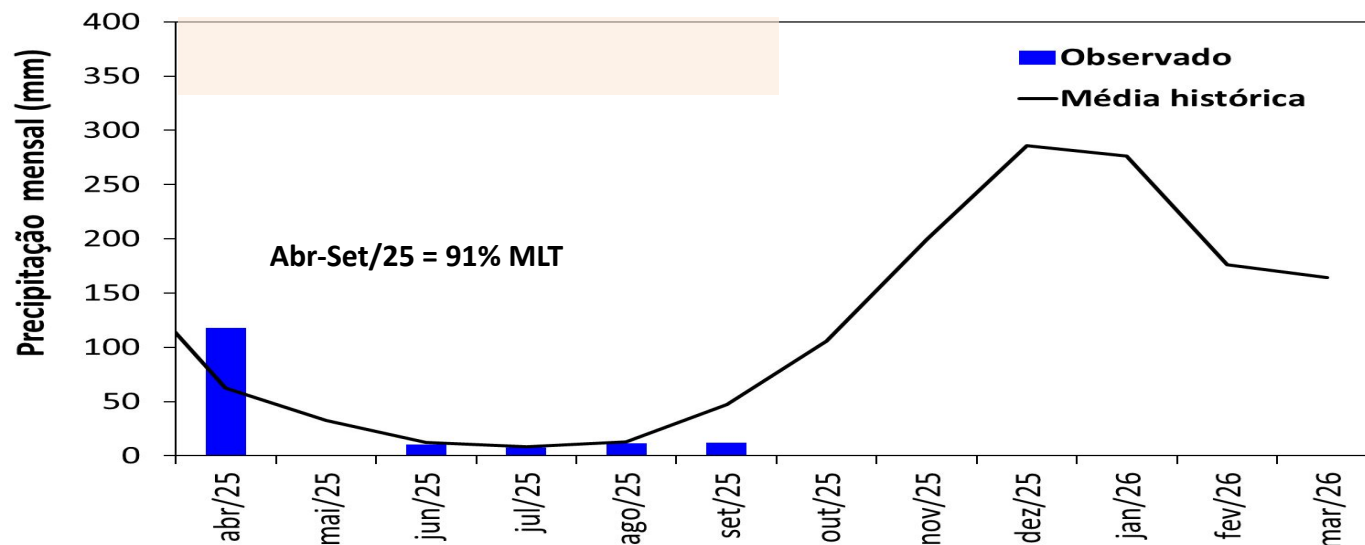


Chuva dos últimos dois anos

Precipitacao Bacia do Rio Sao_Francisco
desde OCT 2023



Monitoramento UHE Três Marias



Precipitação

Estação Chuvosa - Out a Mar - 1208 mm

2023/2024: 1057 mm (87% da MLT)

2024/2025: 1124 mm (93% da MLT)

Estação Seca - Abr a Set - 175 mm

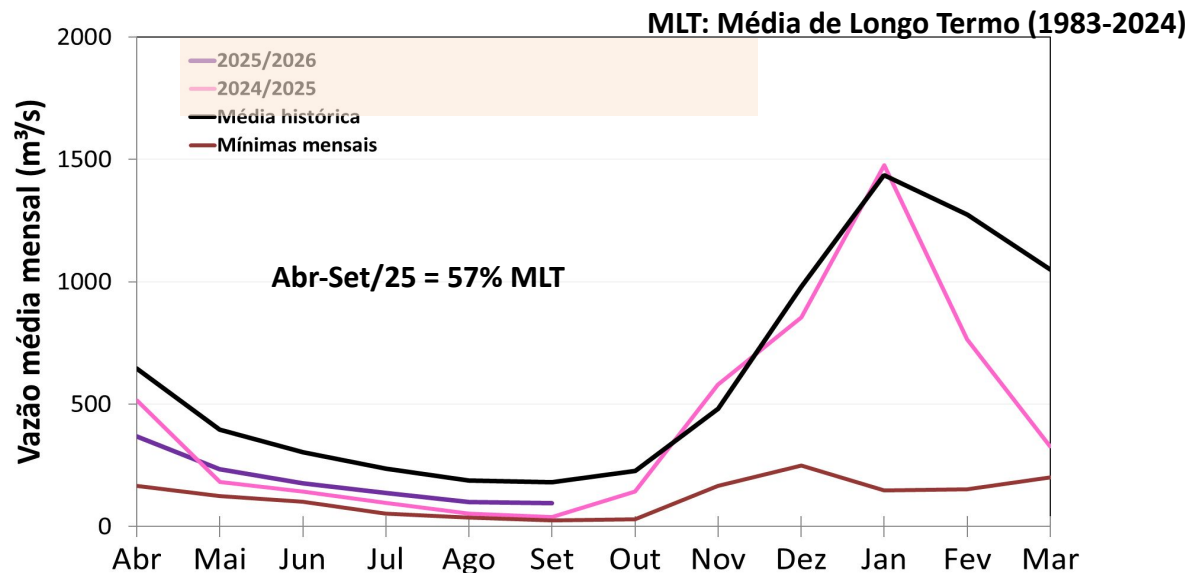
2024: 57 mm (32% da MLT)

2025: 160 mm (91% MLT)

Set/25*: 11 mm (89% da MLT)

Out/25*: 0 mm (MLT = 106 mm)

*Até 05/10/2025



Vazão

Estação Chuvosa - Out a Mar - 908 m³/s

2023/2024: 408 m³/s (45% da MLT)

2024/2025: 691 m³/s (76% da MLT)

Estação Seca - Abr a Set - 325 m³/s

2024: 172 m³/s (53% da MLT)

2025: 185 m³/s (57% da MLT)

Set/25: 96 m³/s (53% da MLT)

05/Out/25: 93 m³/s (51% da MLT)

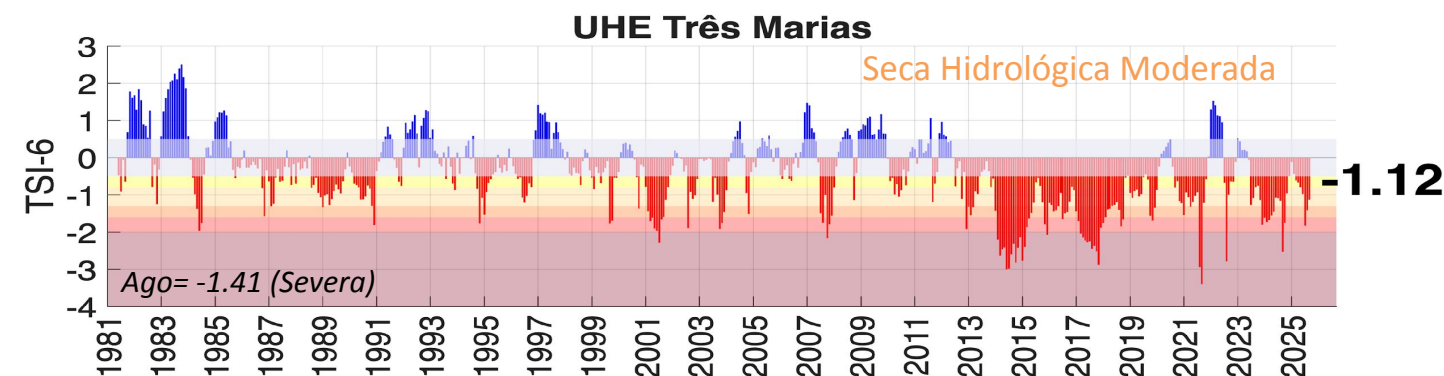
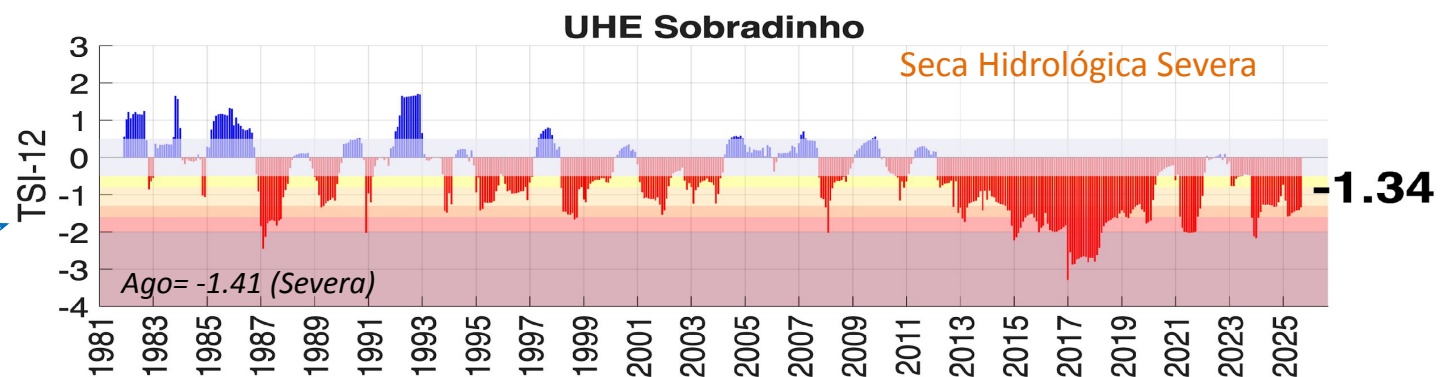
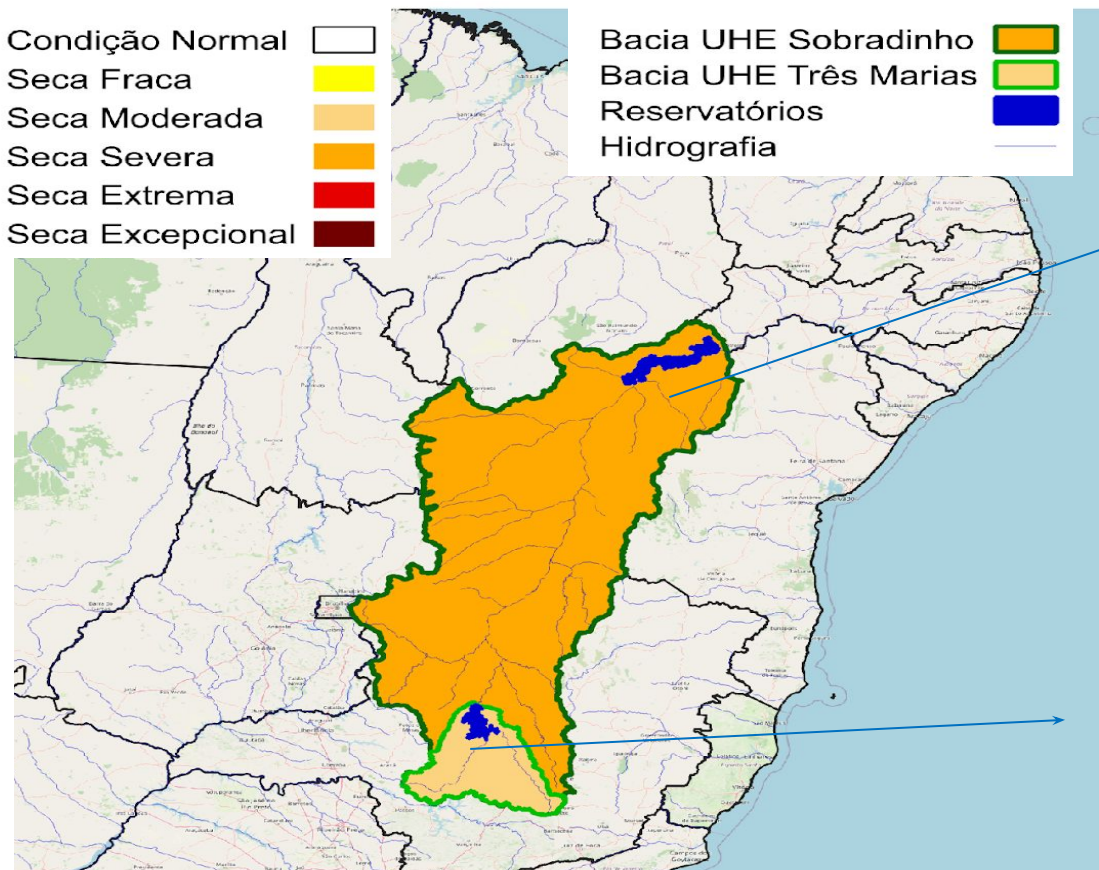
Dados de precipitação: INMET, ANA, CEMADEN.

Dados de vazão: ONS e ANA.

Monitoramento UHE Três Marias e Sobradinho

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

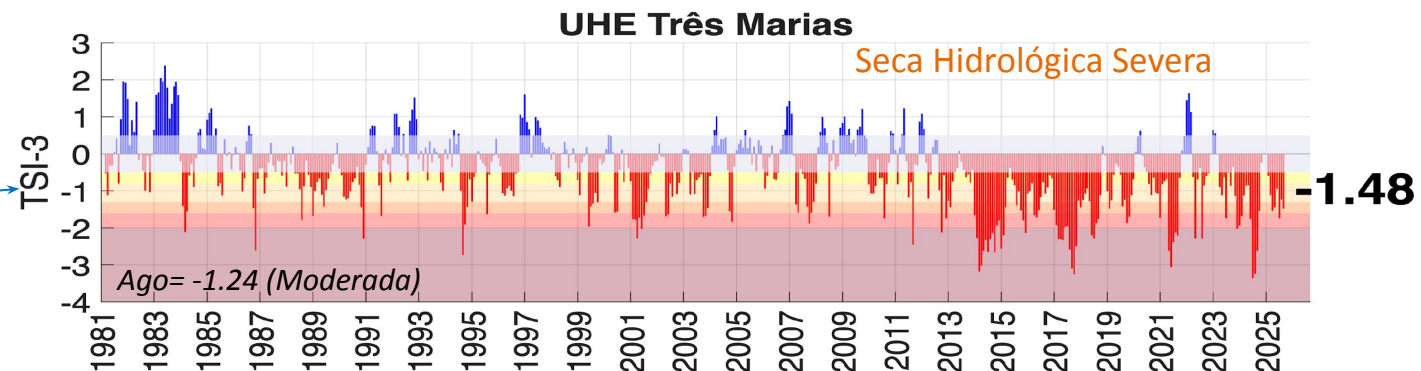
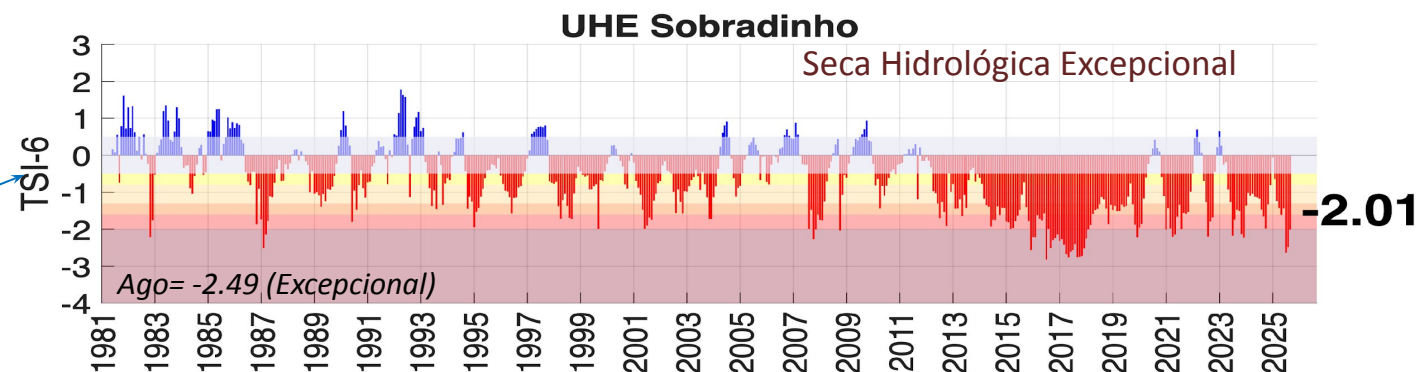
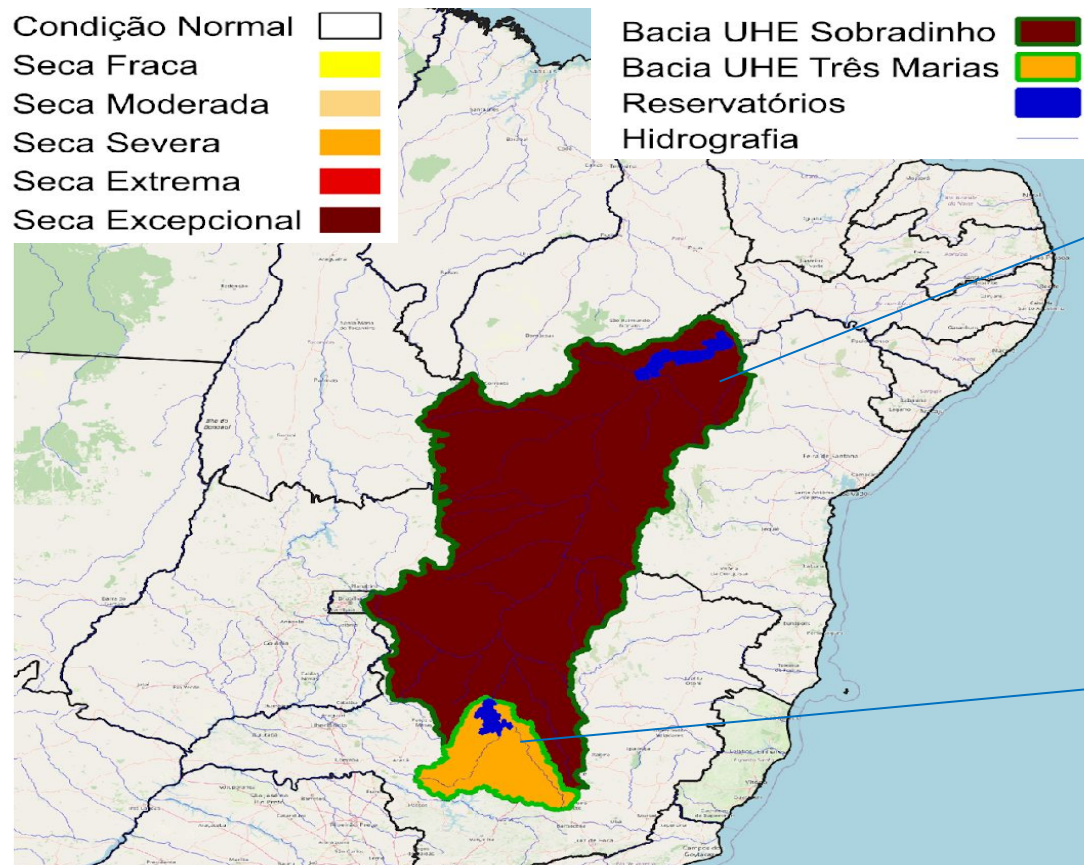
Setembro/2025



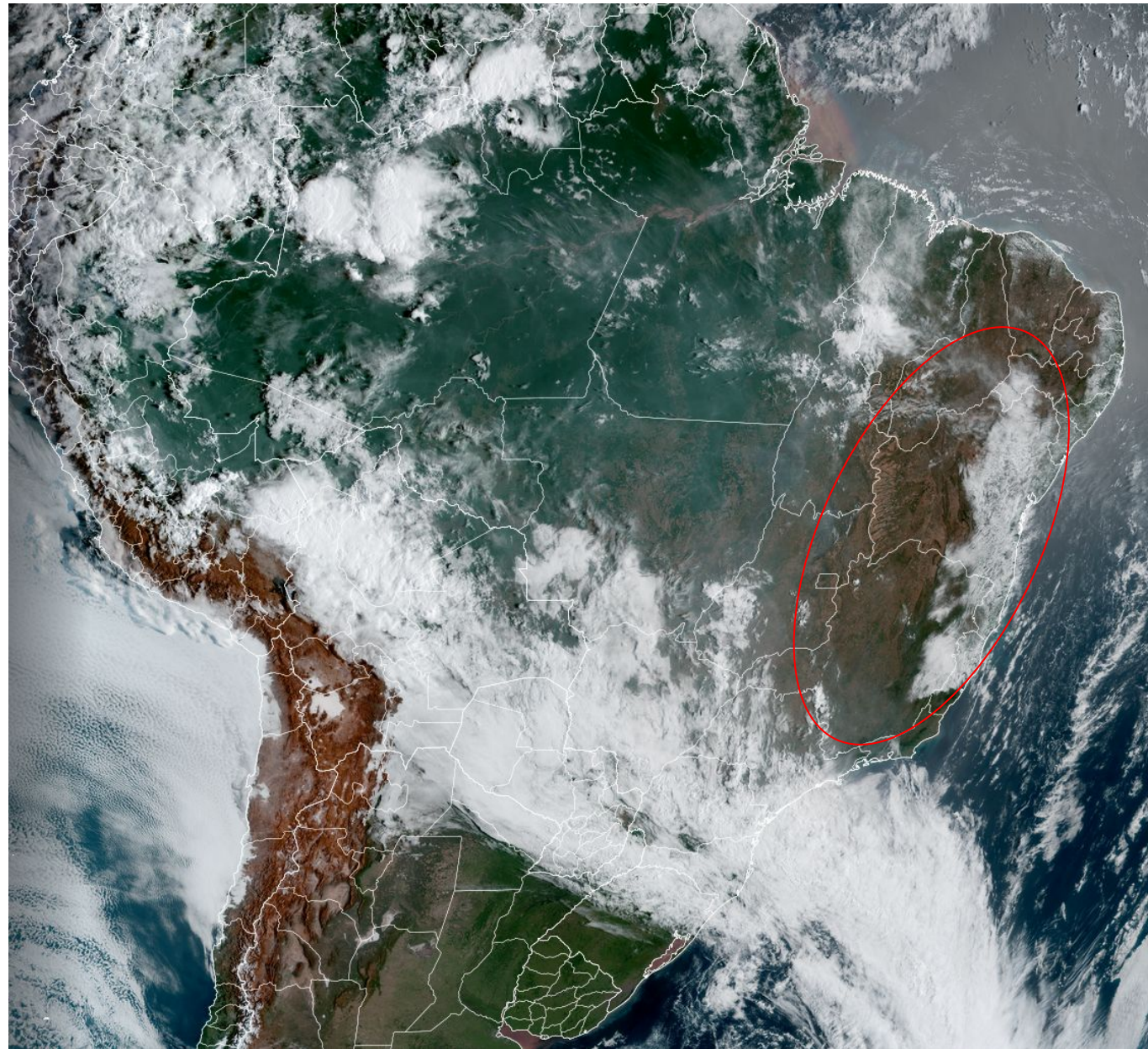
Monitoramento UHE Três Marias e Sobradinho

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

Setembro/2025

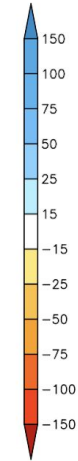
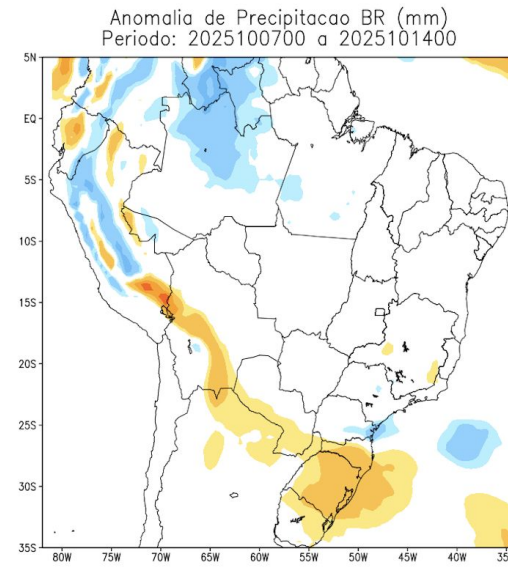
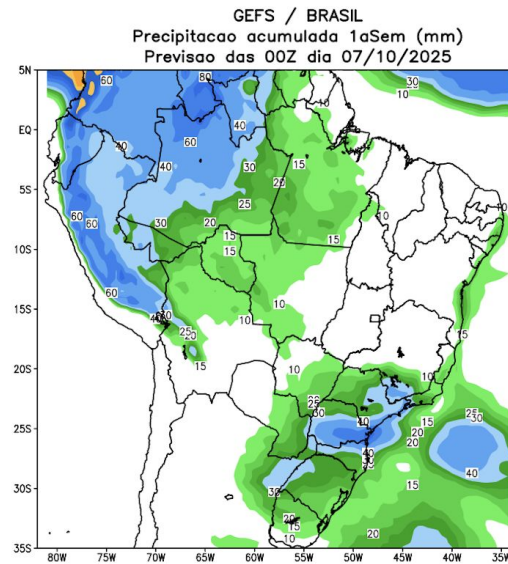


Situação meteorológica atual

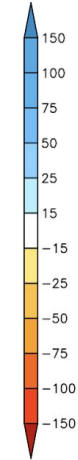
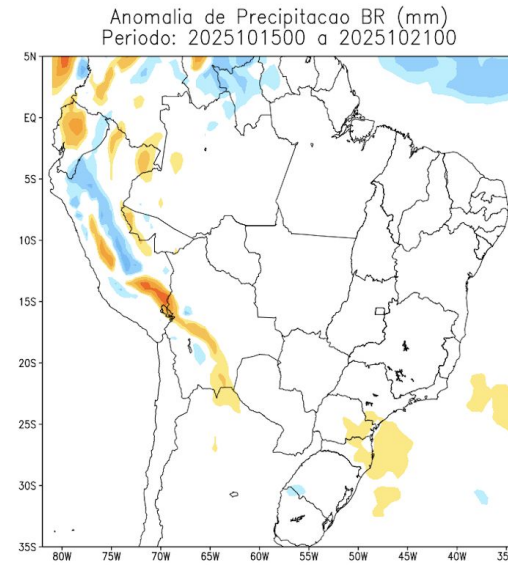
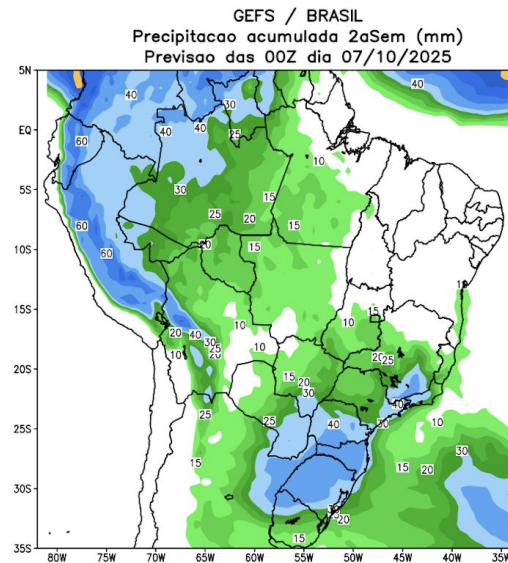


Previsão de chuva: 2 semanas

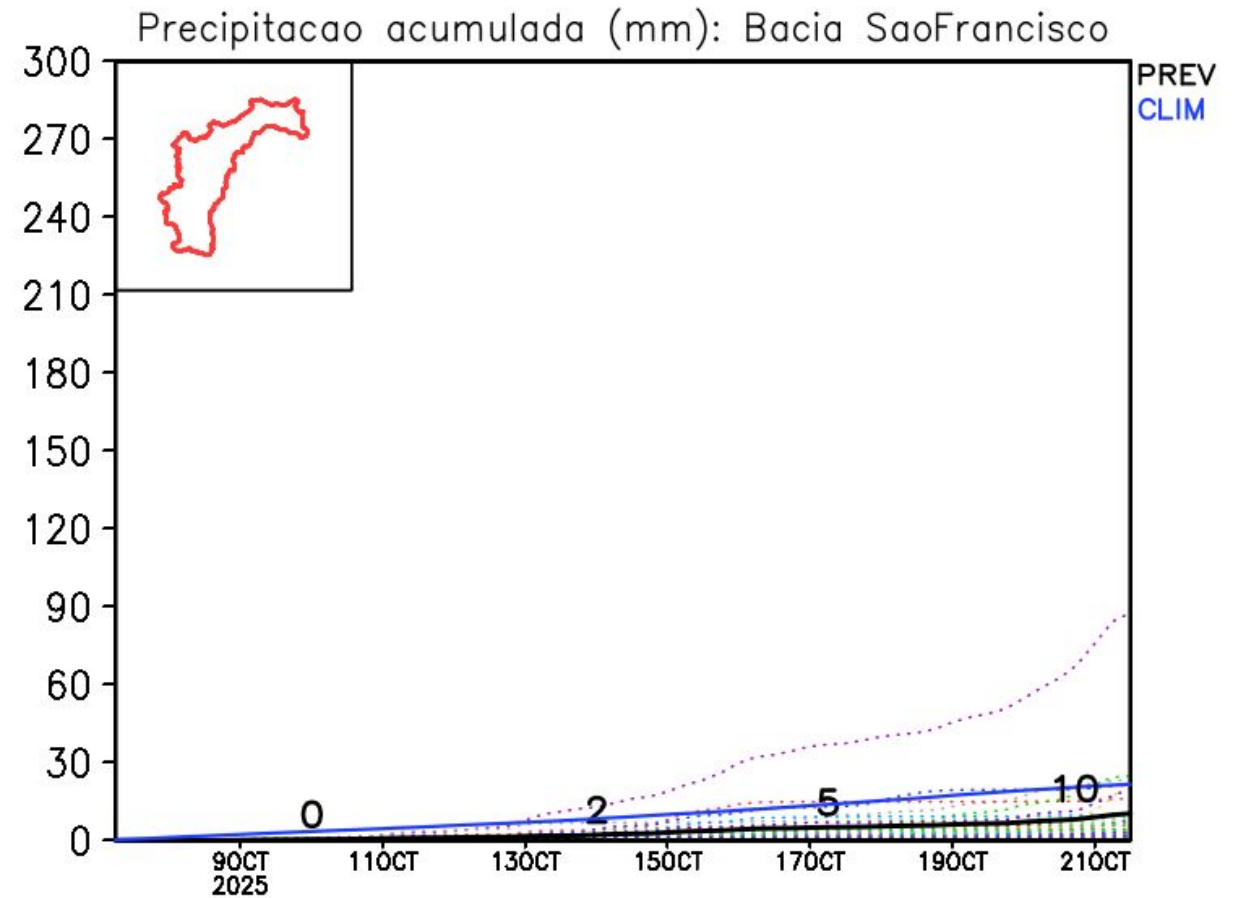
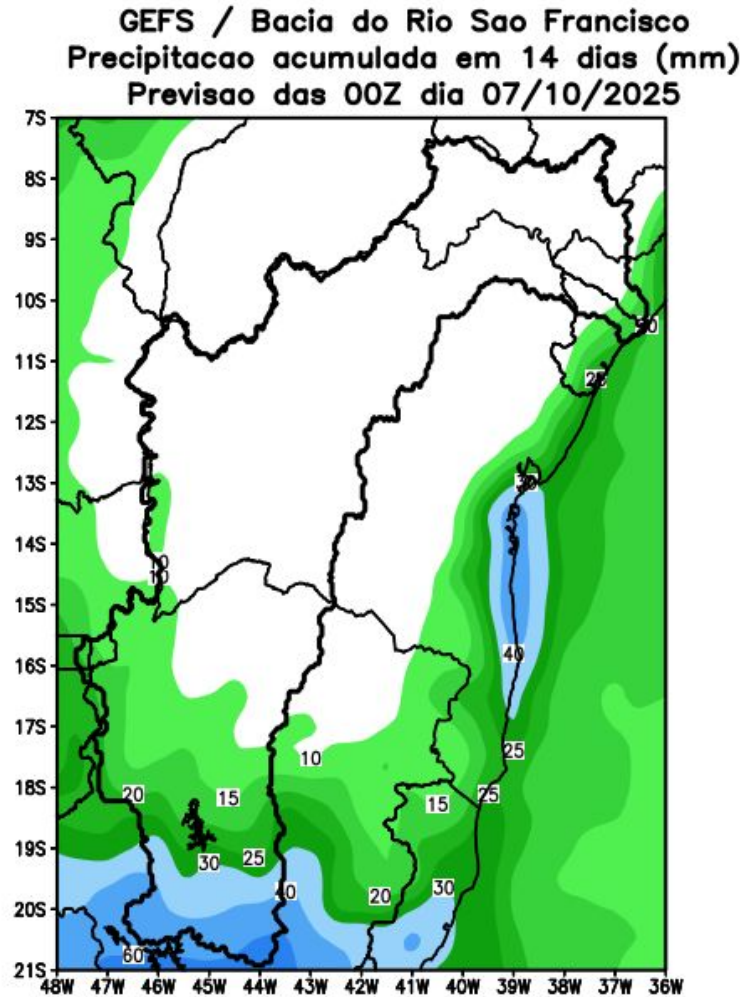
Semana 1



Semana 2

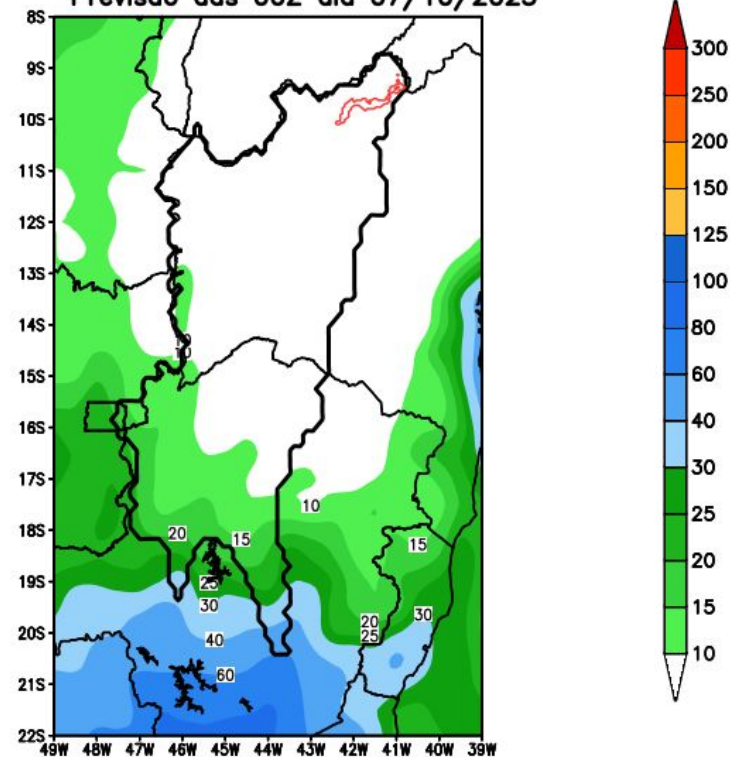


Bacia do rio São Francisco

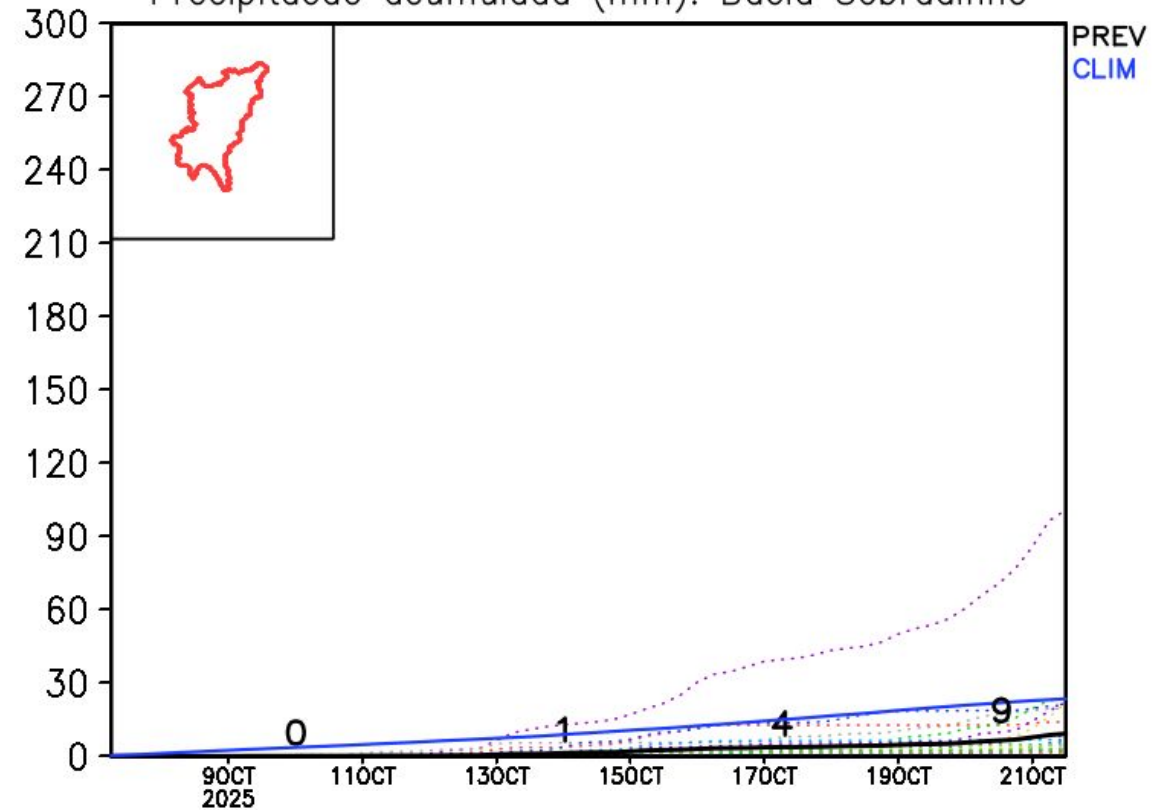


Bacia de Sobradinho

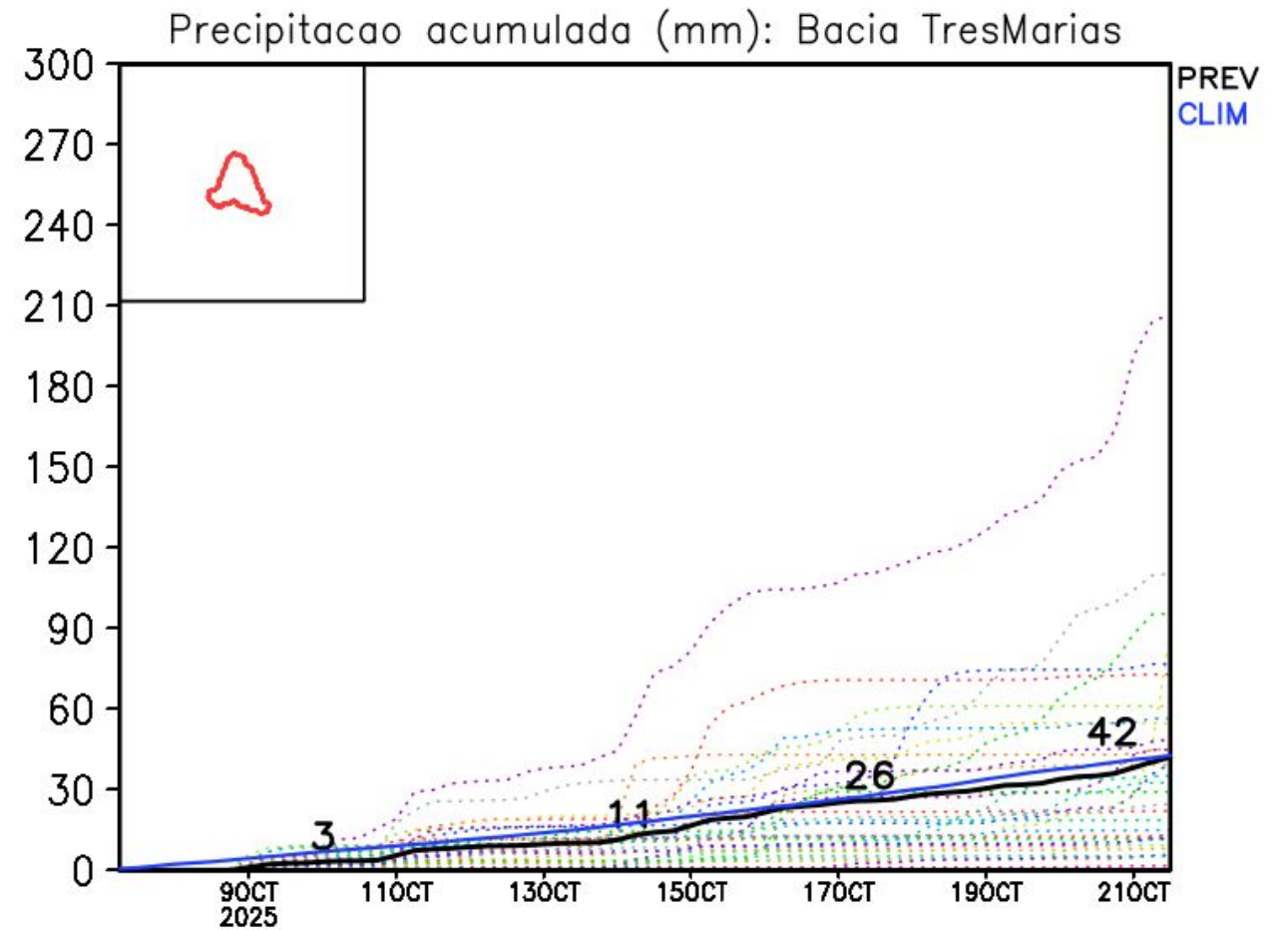
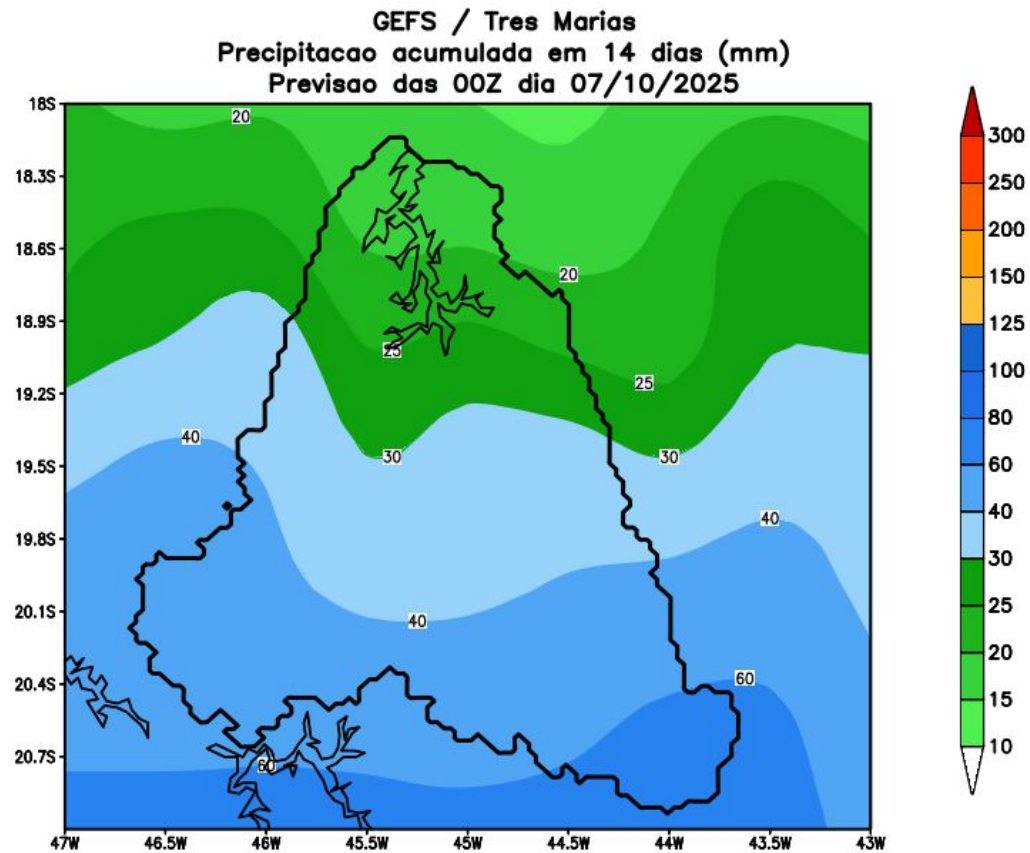
GEFS / Sobradinho
Precipitacao acumulada em 14 dias (mm)
Previsao das 00Z dia 07/10/2025



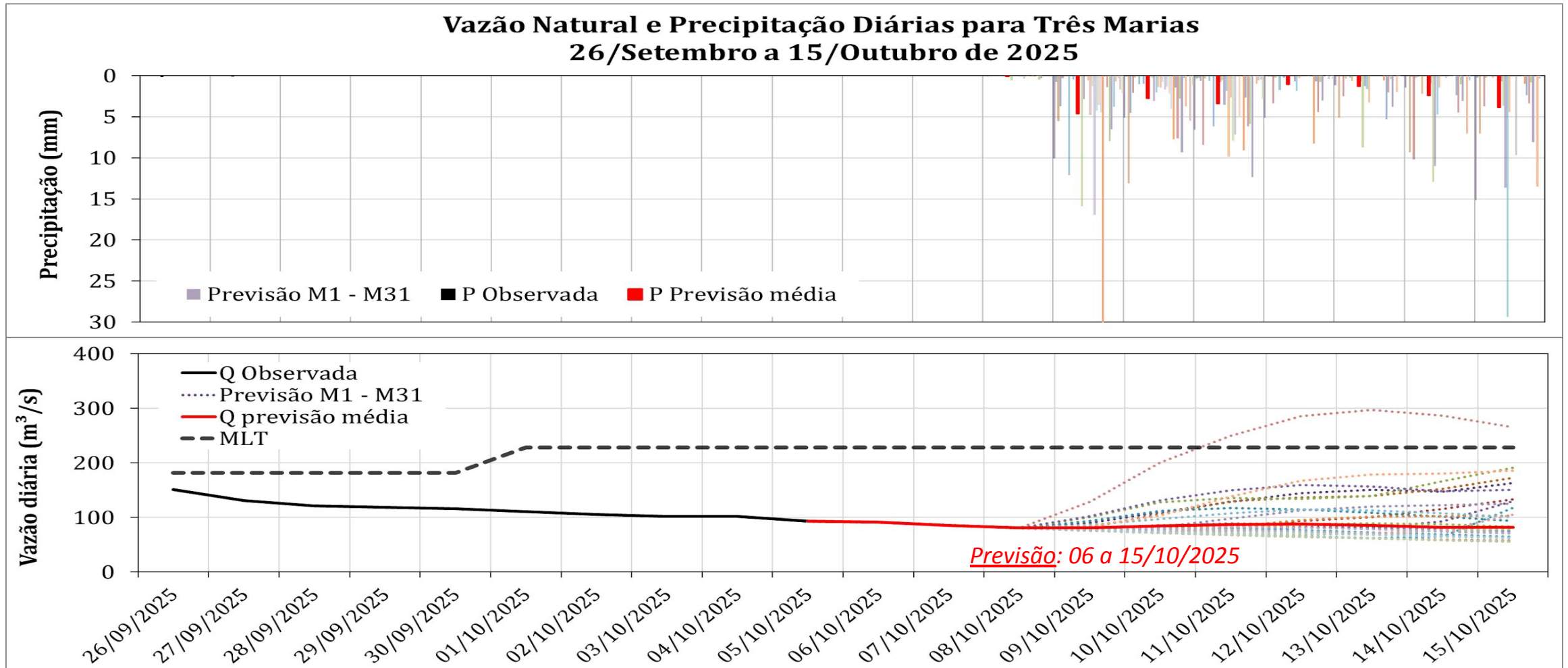
Precipitacao acumulada (mm): Bacia Sobradinho



Bacia de Três Marias



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

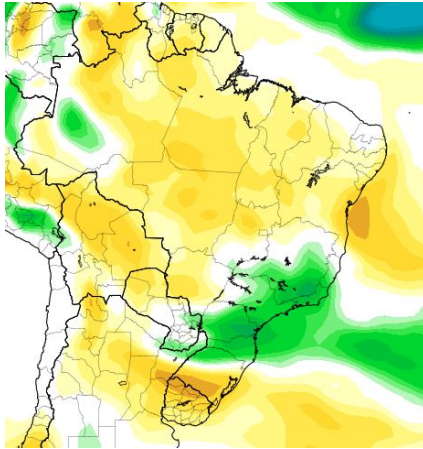


**Previsão média para
os próximos 10 dias: 85 m³/s**

37% da MLT de Outubro

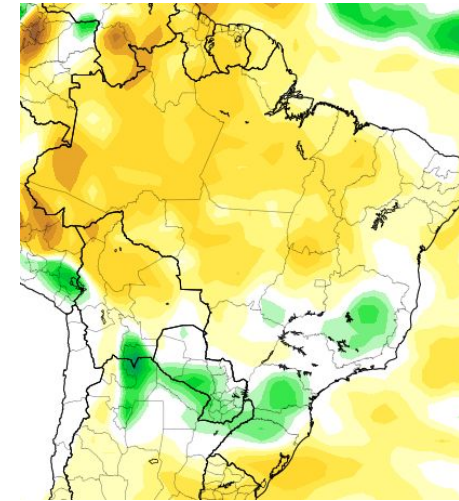
Tendência 3a e 4a semanas

20-26 OUTUBRO

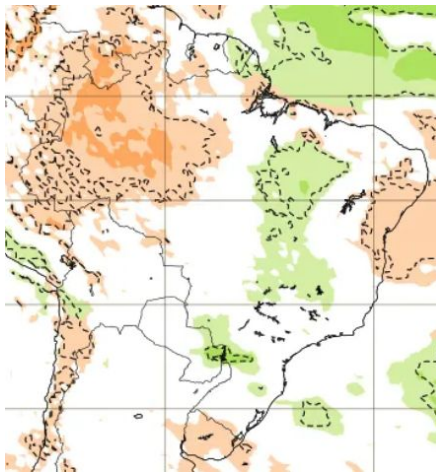


Americano
CFS/NOAA

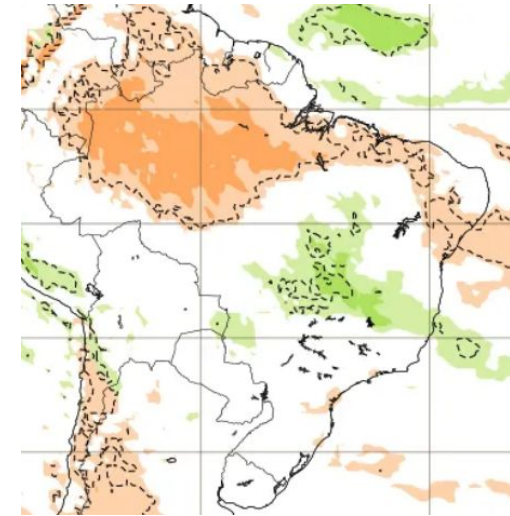
27-02 NOVEMBRO



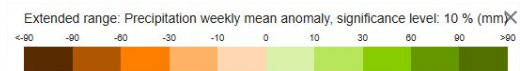
Europeu
ECMWF



20-26 OUTUBRO

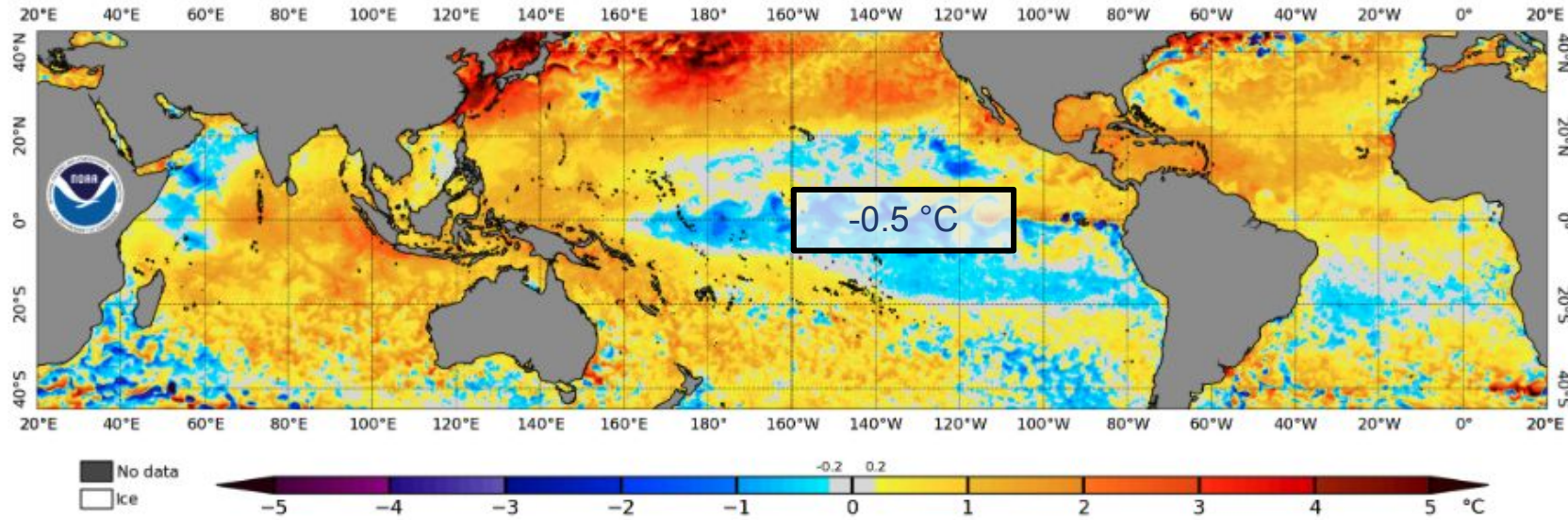


27-02 NOVEMBRO

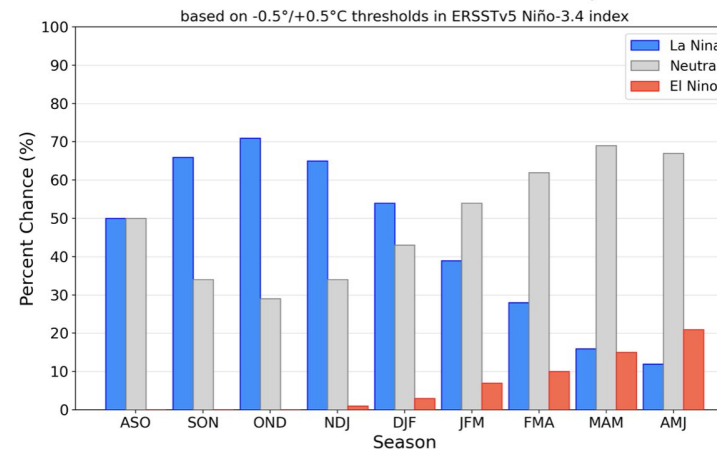


Status Atual: **Neutro - La Niña Watch**

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



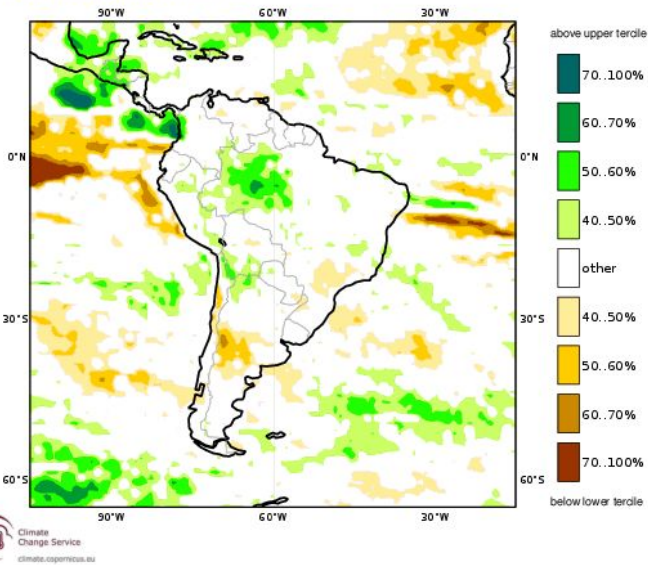
Official NOAA CPC ENSO Probabilities (issued September 2025)



Previsão Sazonal Anomalia de Chuva outubro-novembro-dezembro

C3S: ECMWF contribution
Prob(most likely category of precipitation)
Nominal forecast start: 01/09/25
Ensemble size = 51, climate size = 600

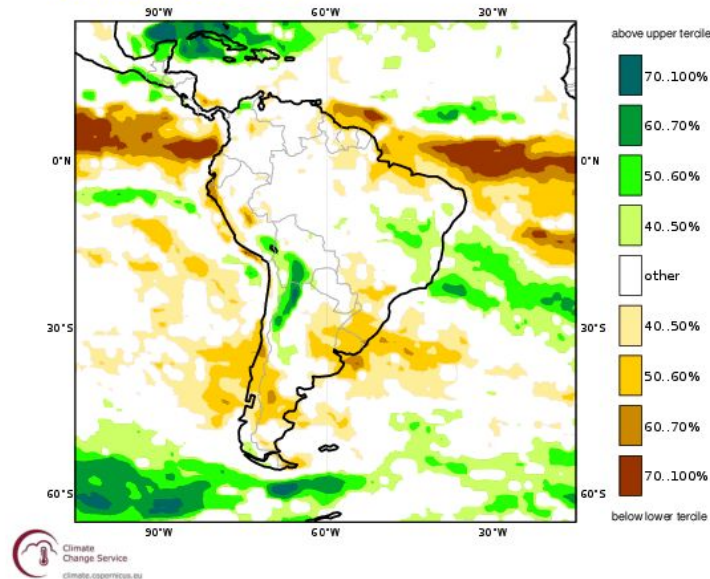
OND 2025



Modelo do Centro Europeu

C3S: NCEP contribution
Prob(most likely category of precipitation)
Nominal forecast start: 01/09/25
Ensemble size = 52, climate size = 384

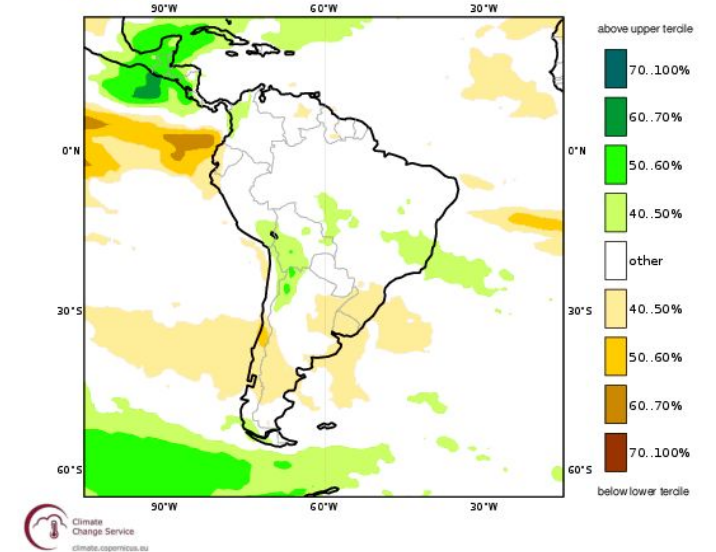
OND 2025



Modelo dos EUA

C3S multi-system seasonal forecast
Prob(most likely category of precipitation)
Nominal forecast start: 01/09/25
Unweighted mean

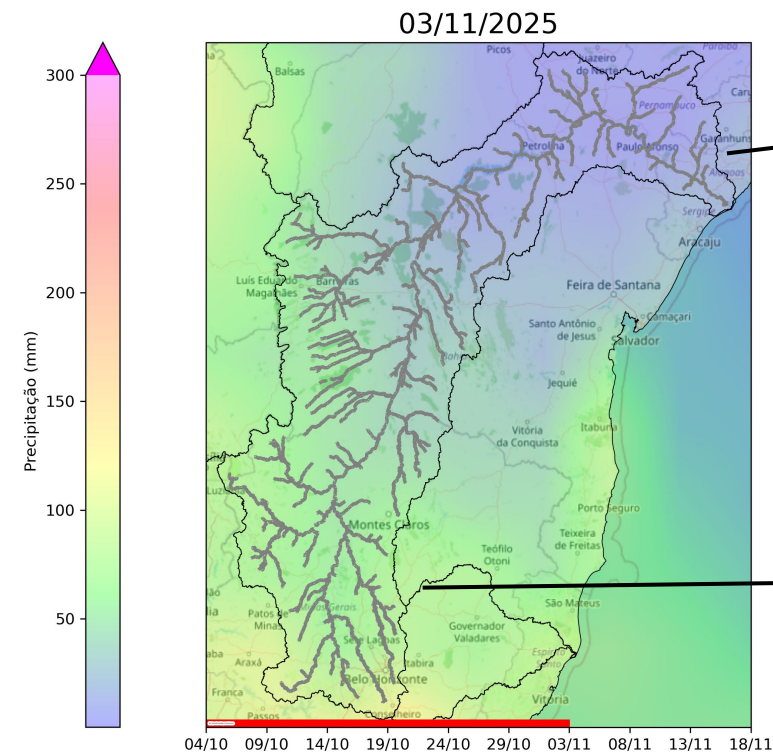
OND 2025



Combinação de vários países

Previsão de vazão natural na Bacia Rio São Francisco (Modelo hidrológico MHD)

Previsão: 04/10/2025 a 03/11/2025

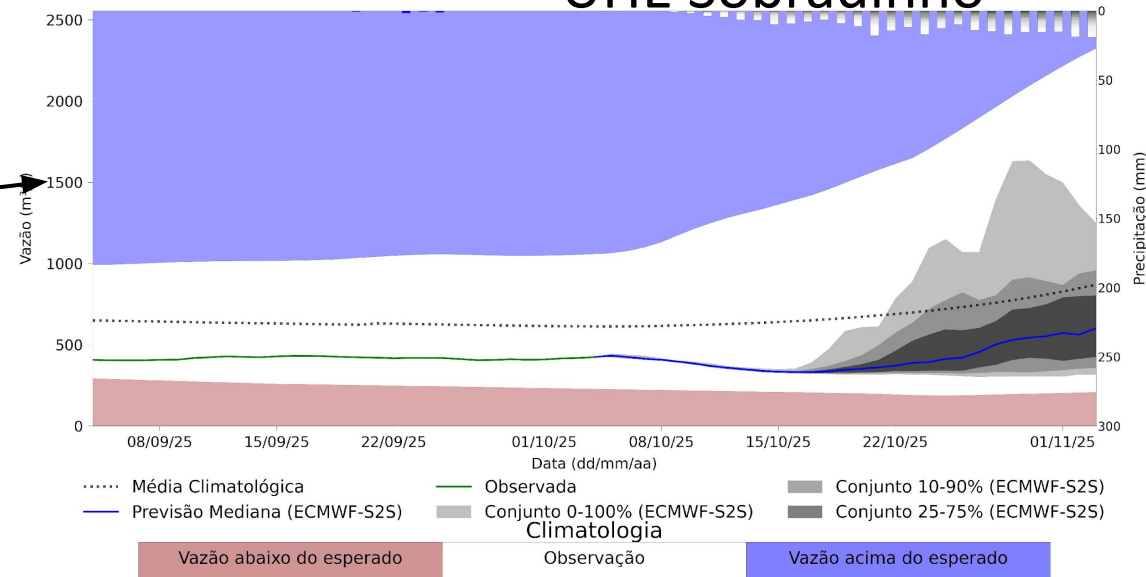


Fonte: Meteorologia (INMET/MERGE); Vazão
(ANA/ONS)

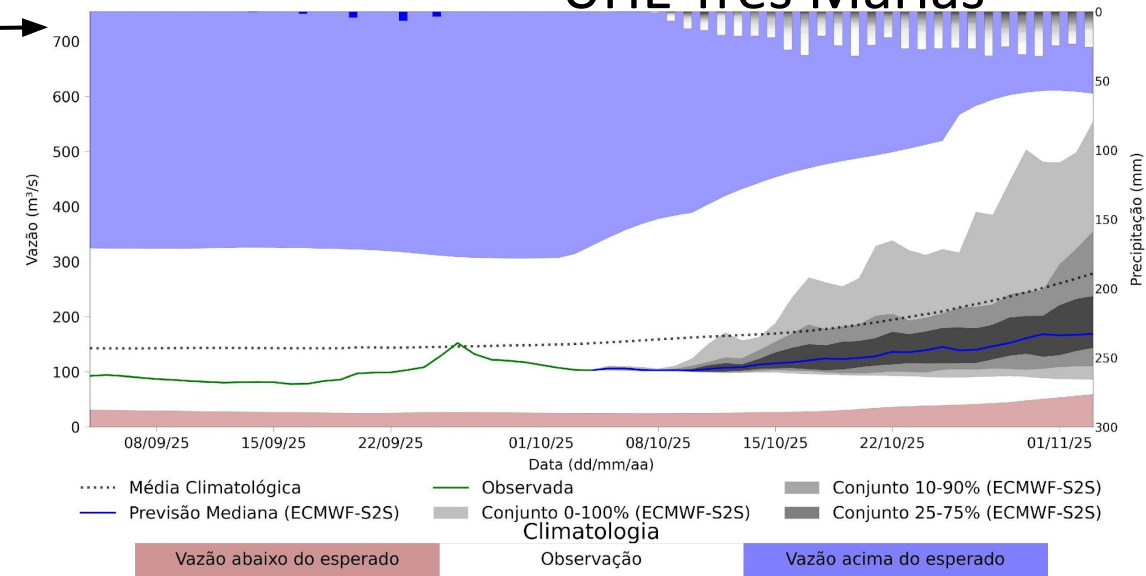
MLT: 1993-2024

Previsão Meteorológica: ECMWF-S2S

UHE Sobradinho

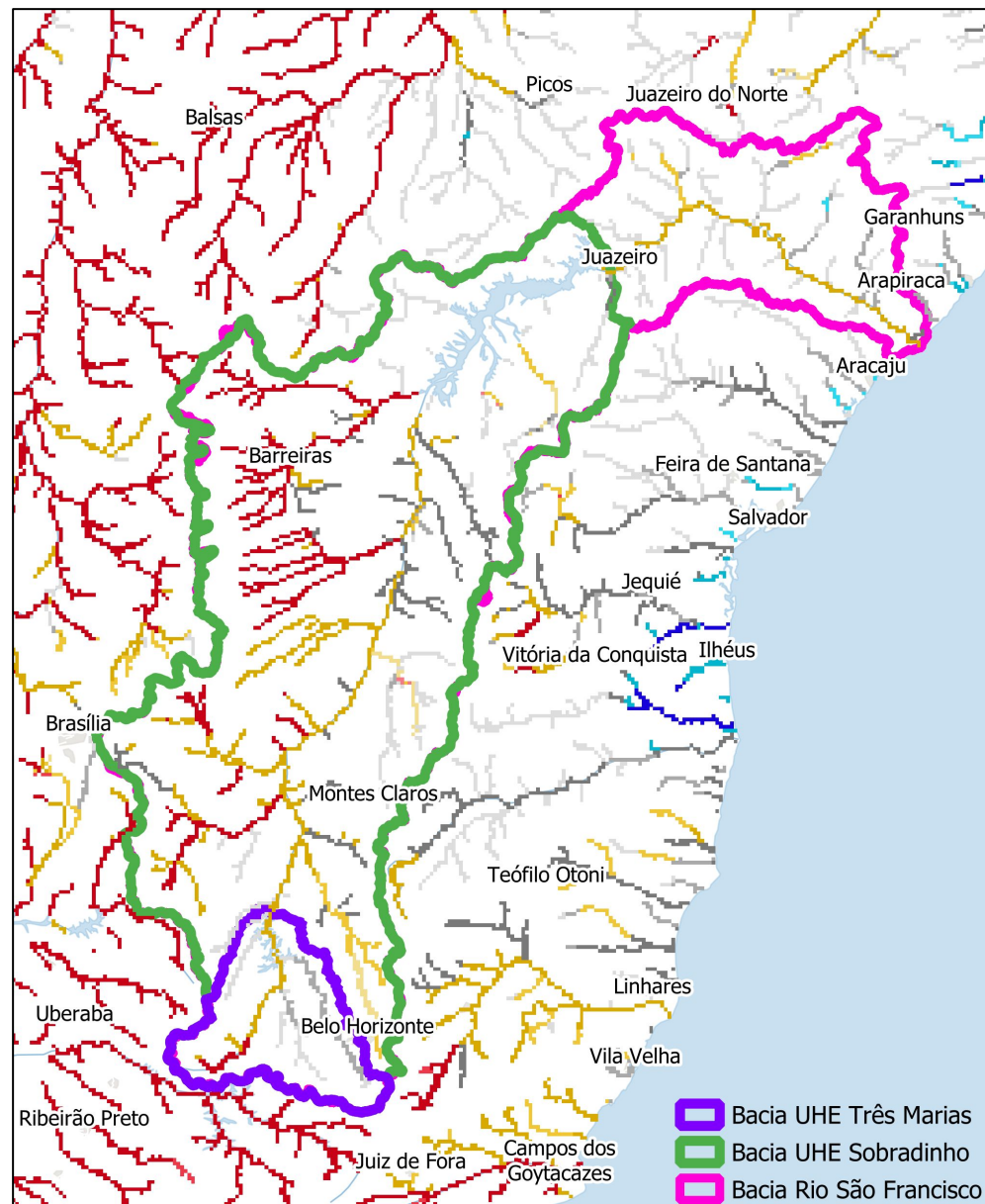


UHE Três Marias

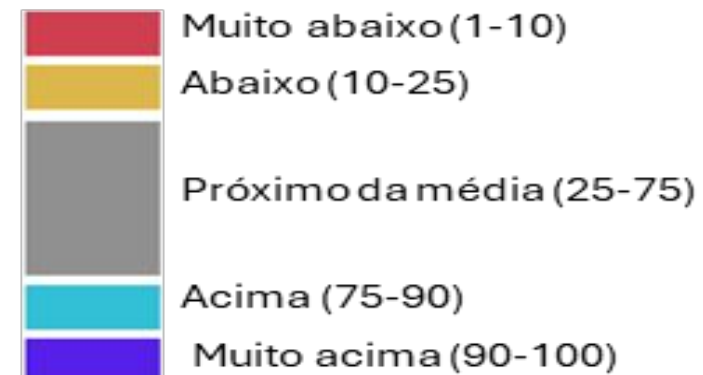


Previsão Sub-sazonal (45 dias) para a Bacia do São Francisco (Sistema Global de Previsão de Vazão - GloFAS)

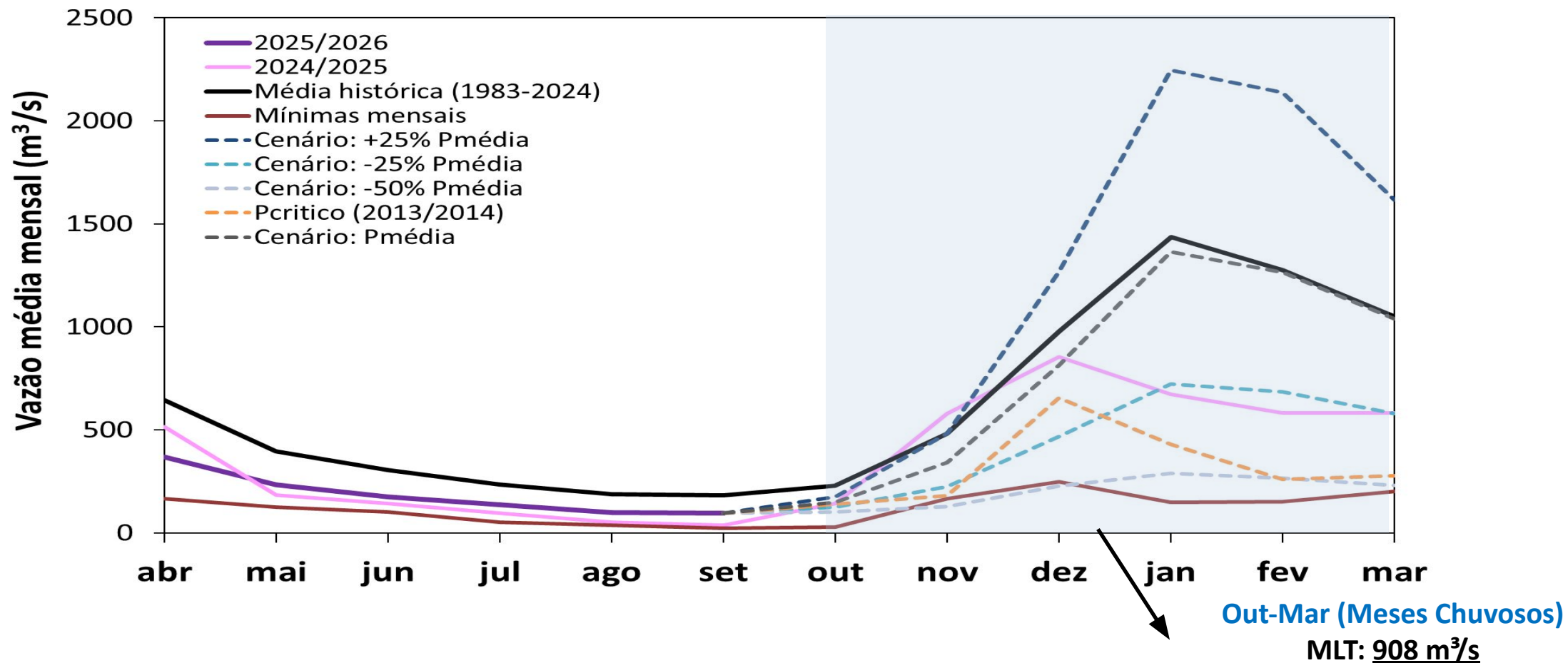
Previsão: 06/10/2025 – 17/11/2025



Categoria de anomalia para as vazões (percentil)



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



Vazão	% MLT
1146 m³/s	126%
724 m³/s	80%
414 m³/s	46%
292 m³/s	32%