

CEMADEN

Centro Nacional de Monitoramento e
Alertas de Desastres Naturais

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



07 de abril de 2026

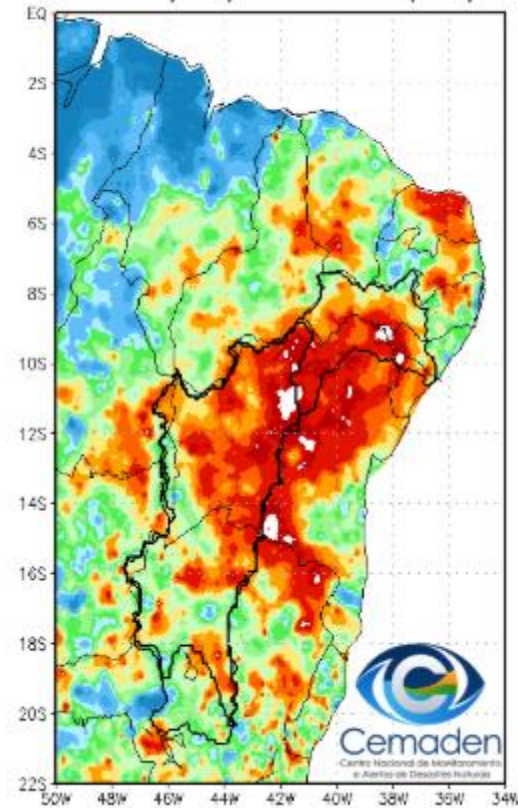


MINISTÉRIO DA
CIÊNCIA, TECNOLOGIA
E INOVAÇÃO

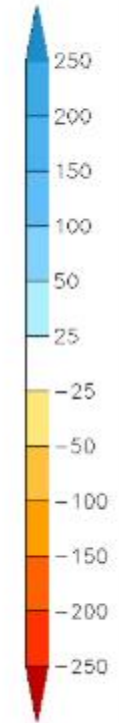
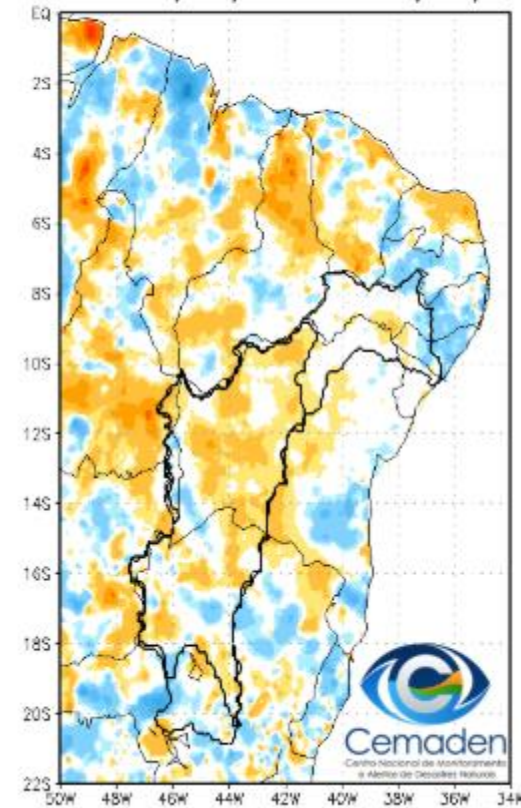


Chuva dos últimos 30 dias

Precipitacao Acumulada (mm) A.S.
Período: 07/03/2026 a 06/04/2026

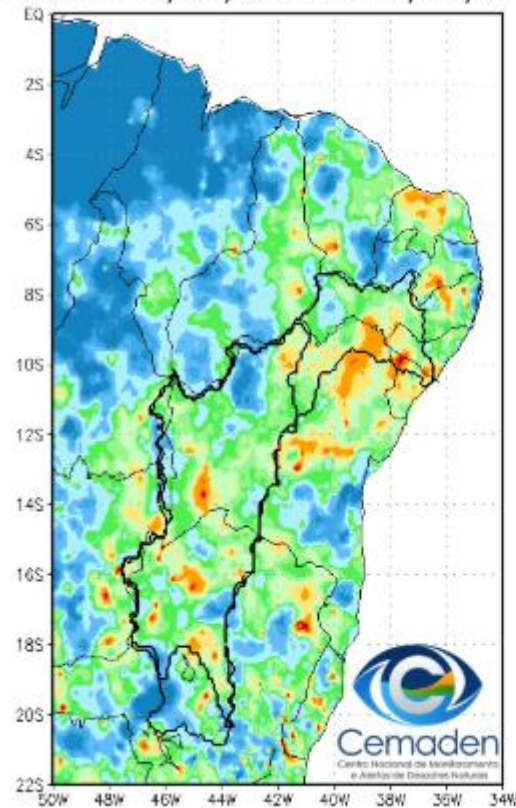


Anomalia de Precipitacao (mm) A.S.
Período: 07/03/2026 a 06/04/2026

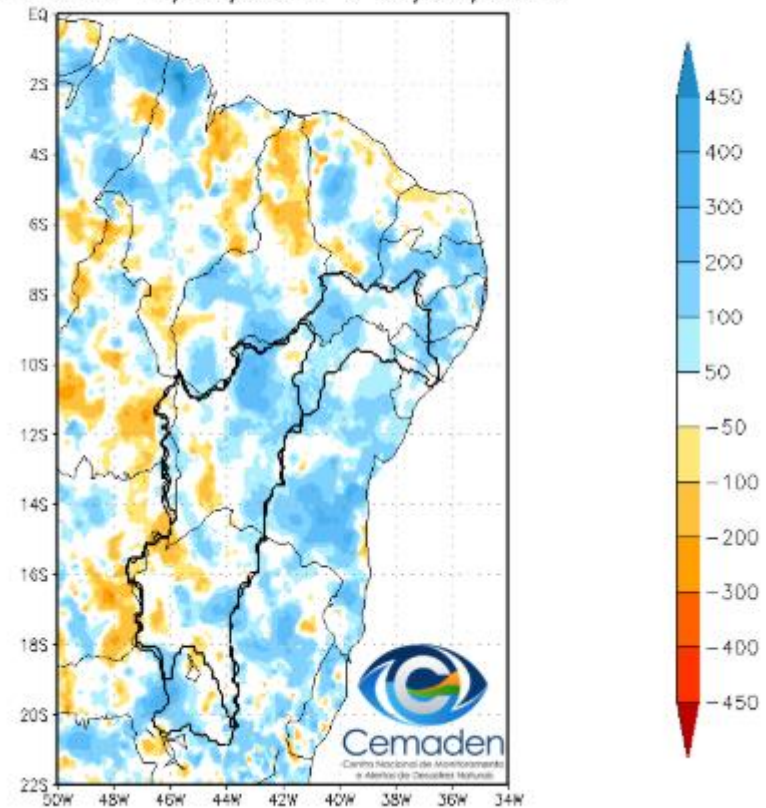


Chuva dos últimos 60 dias

Precipitacao Acumulada (mm) A.S.
Periodo: 05/02/2026 a 06/04/2026

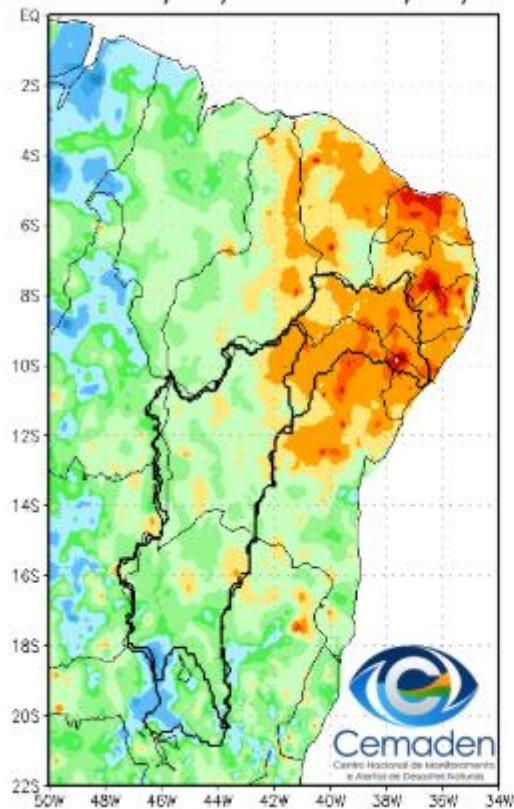


Anomalia de Precipitacao (mm) A.S.
Periodo: 05/02/2026 a 06/04/2026

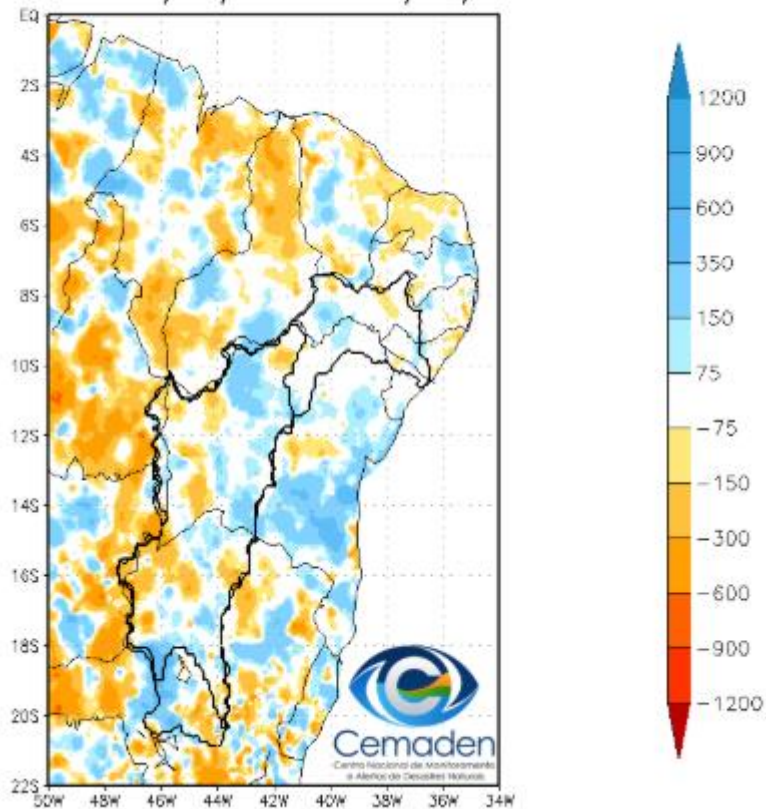


Chuva no Ano Hidrológico - desde 01/10/2025

Precipitacao Acumulada (mm) A.S.
Período: 01/10/2025 a 06/04/2026

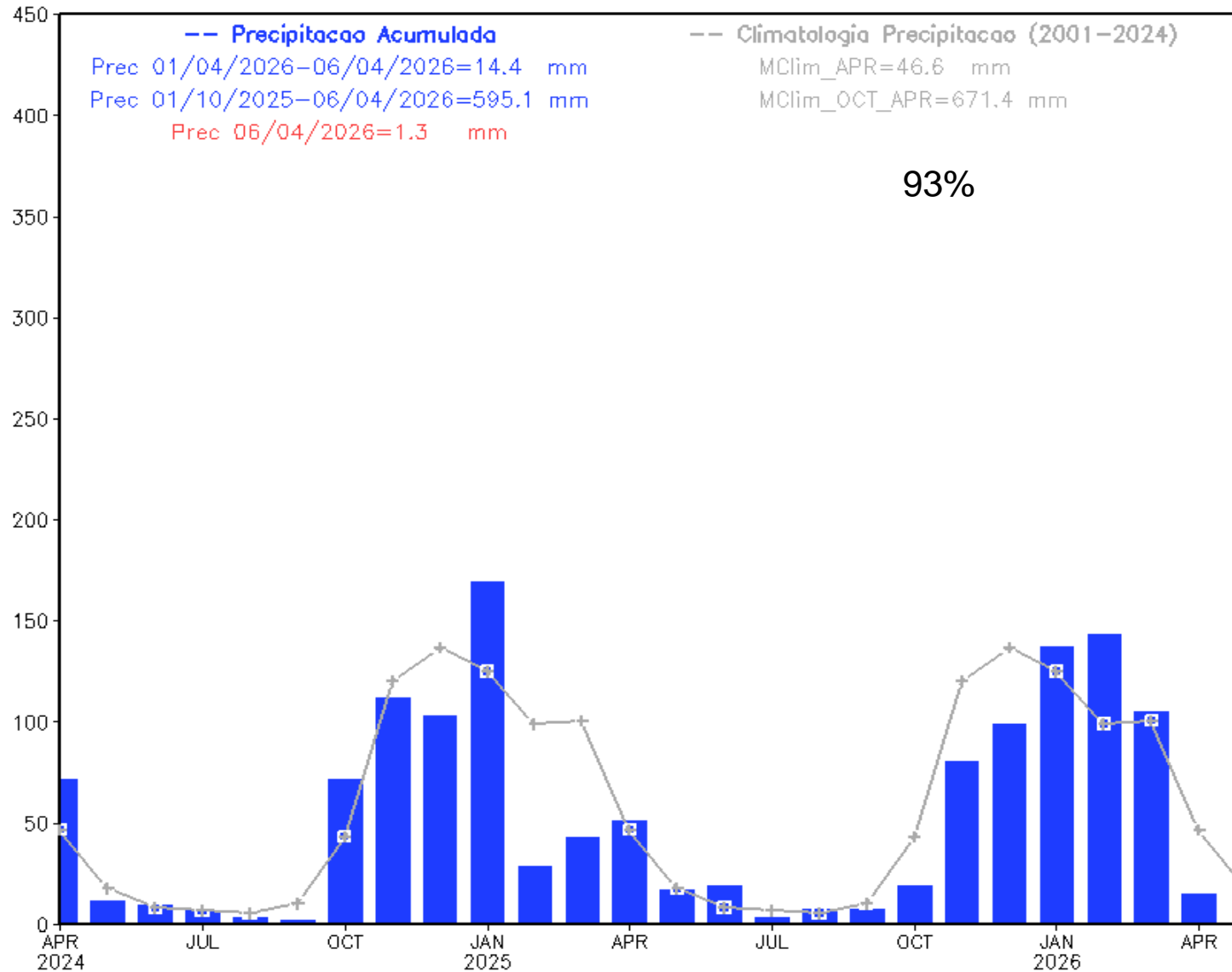


Anomalia de Precipitacao (mm) A.S.
Período: 01/10/2025 a 06/04/2026



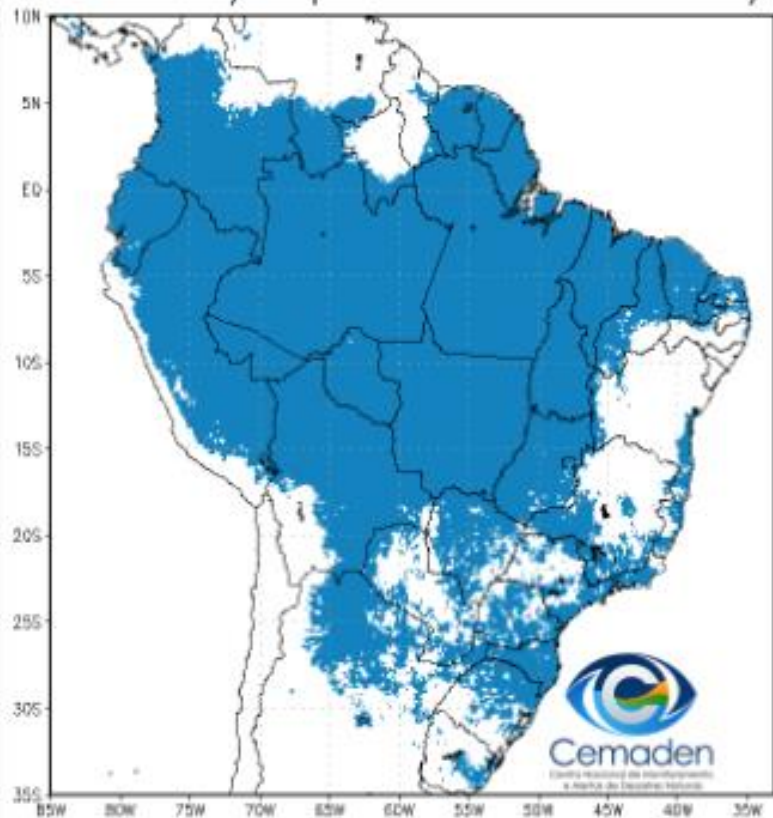
Chuva dos últimos dois anos

Precipitacao Bacia do Rio Sao_Francisco desde APR 2024

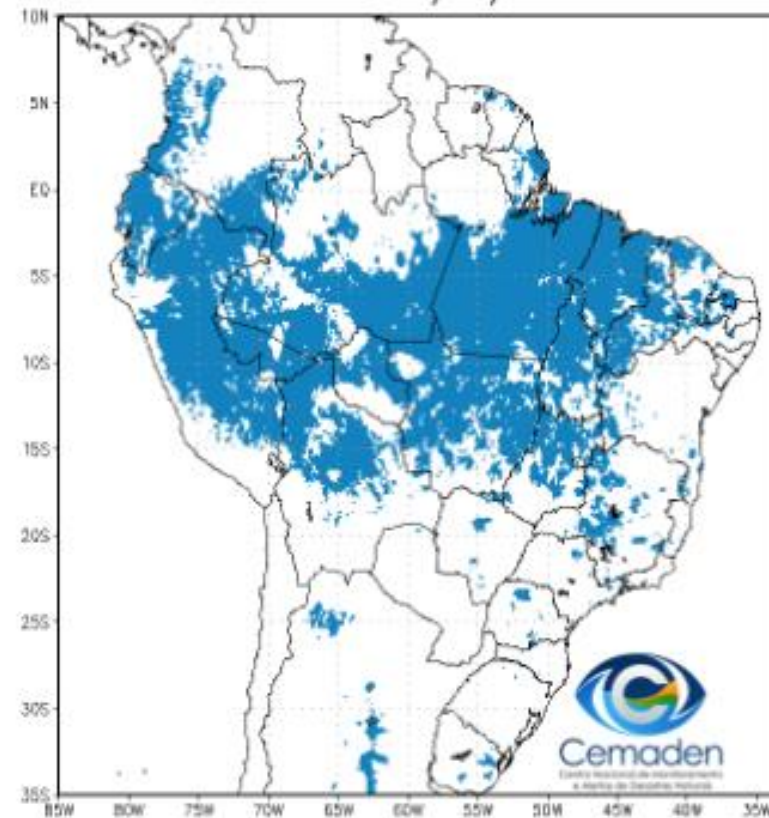


Situação da Estação Chuvosa

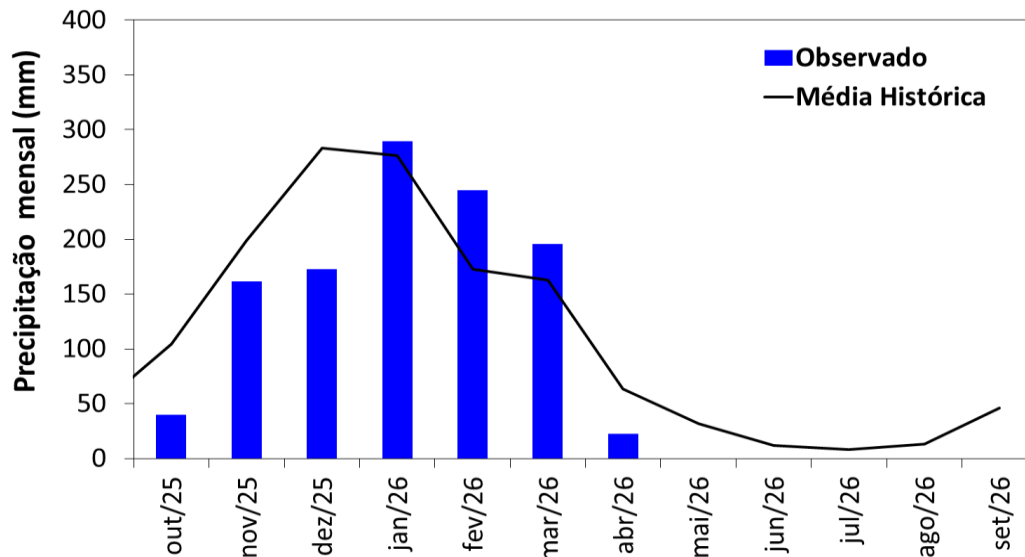
Climatologia da Precipitação (2001–2025)
Inferior 2 mm/dia por 4 de 5 dias Período: 06/04



Precipitação Inferior 2 mm/dia por 4 de 5 dias
Período: 06/04/2026



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

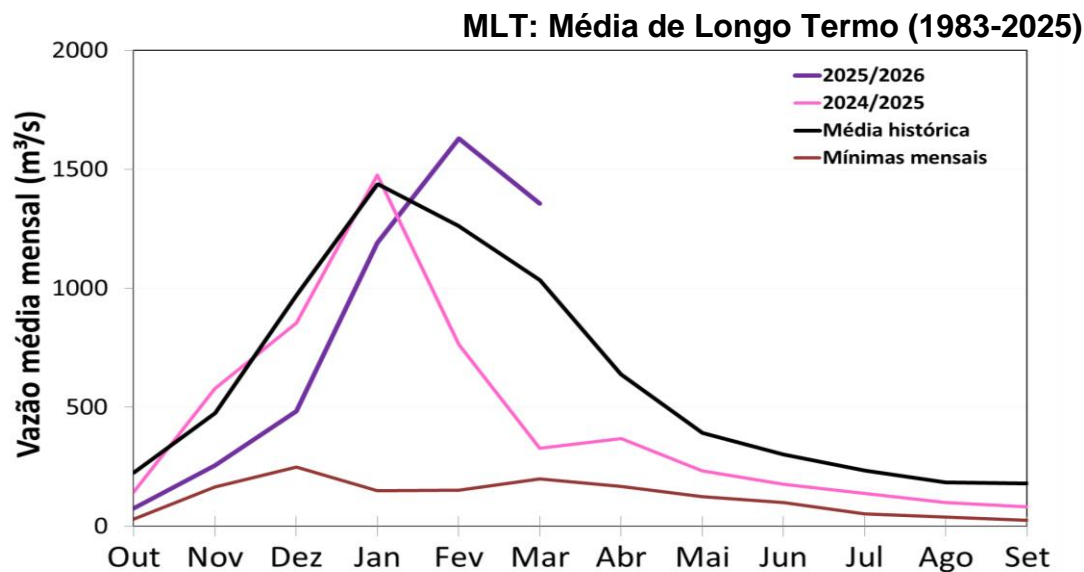
2024: 57 mm (32% da MLT)

2025: 160 mm (91% MLT)

Mar/26: 196 mm (120% da MLT)

Abr/26*: 22 mm (200% da MLT PARCIAL)

*Até 05/04/2026



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

2024: 172 m³/s (53% da MLT)

2025: 183 m³/s (57% da MLT)

Mar/26: 1356 m³/s (131% da MLT)

05/Abr/26: 870 m³/s (136% da MLT)

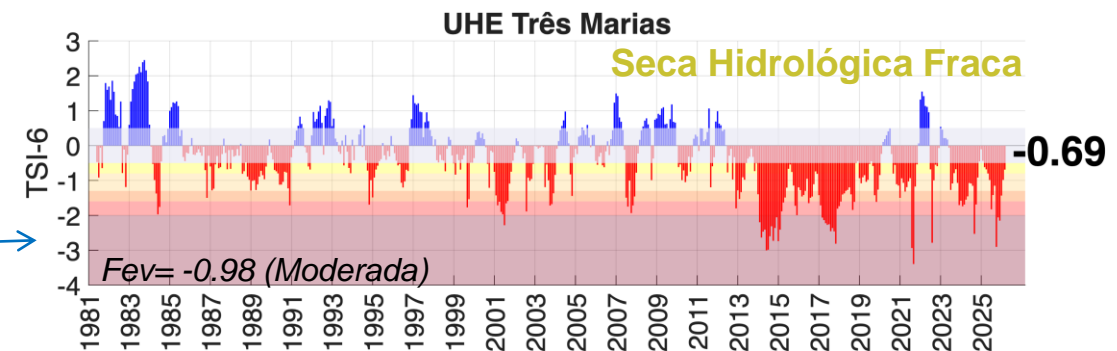
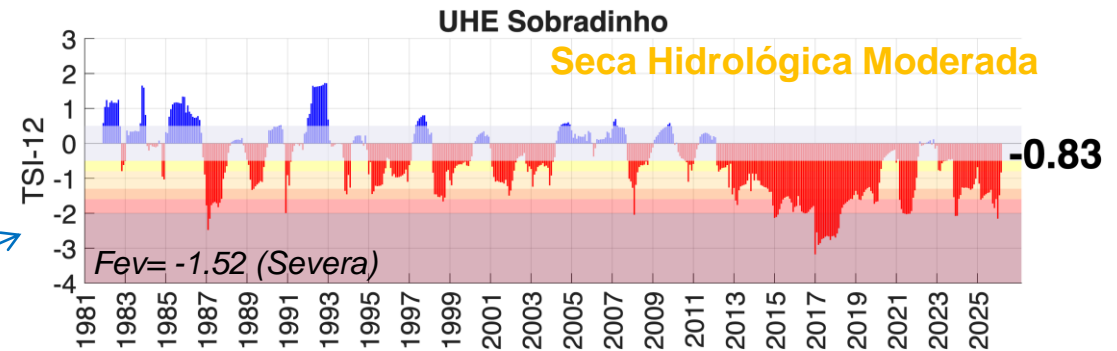
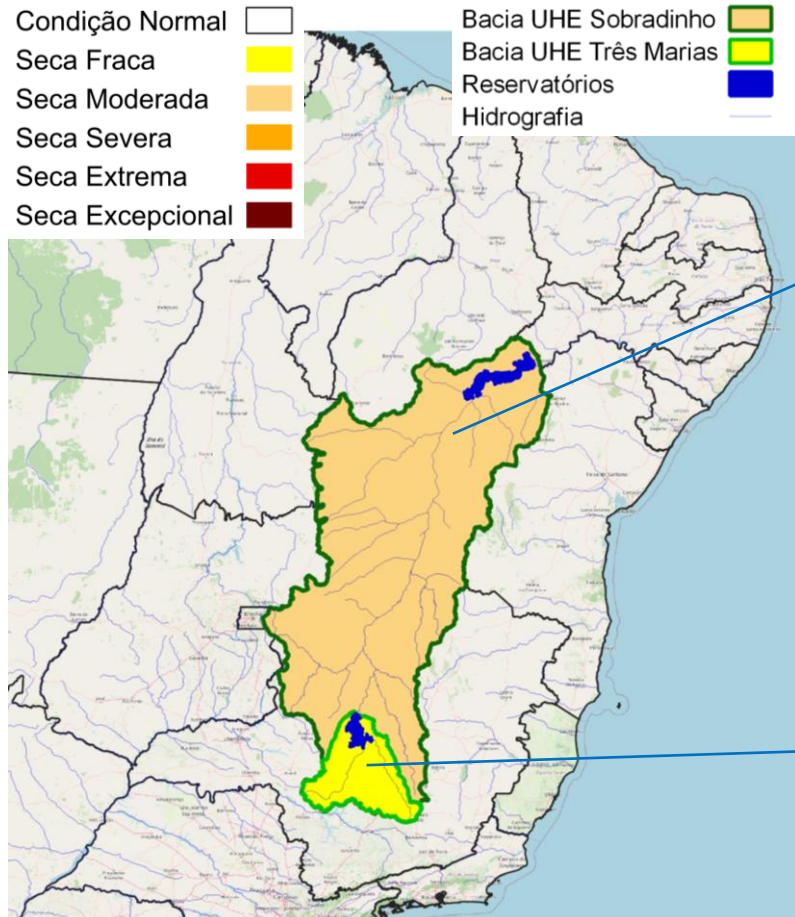
Dados de precipitação: INMET, ANA, CEMADEN.

Dados de vazão: ONS e ANA.

Monitoramento UHE Três Marias e Sobradinho

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

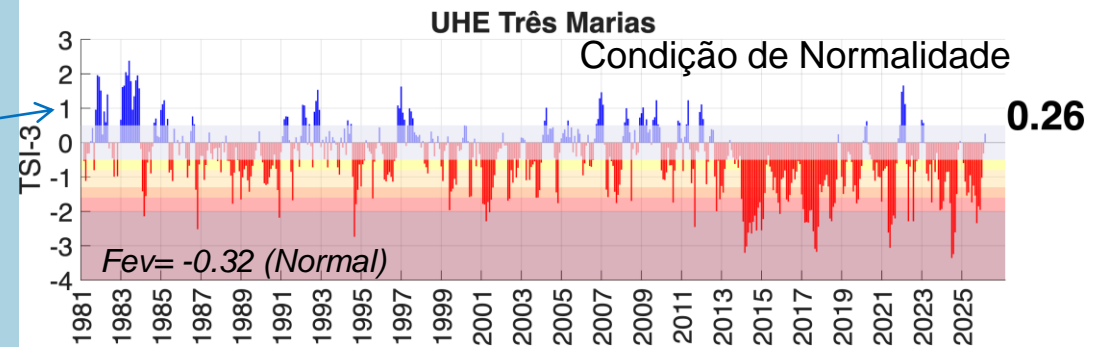
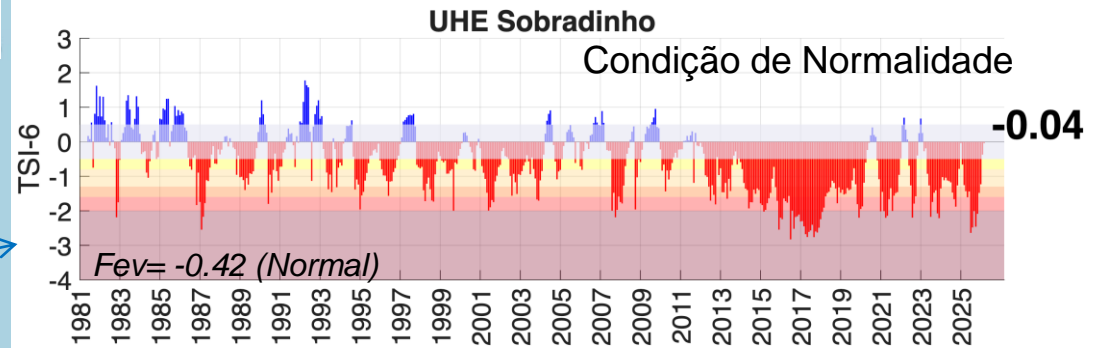
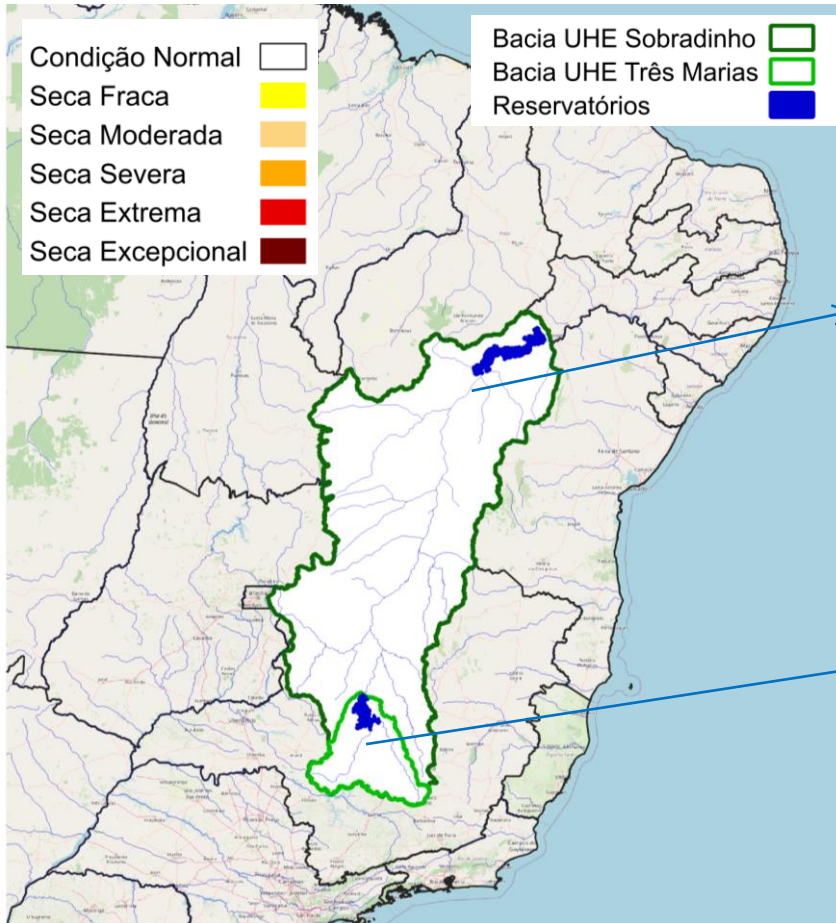
Março/2025



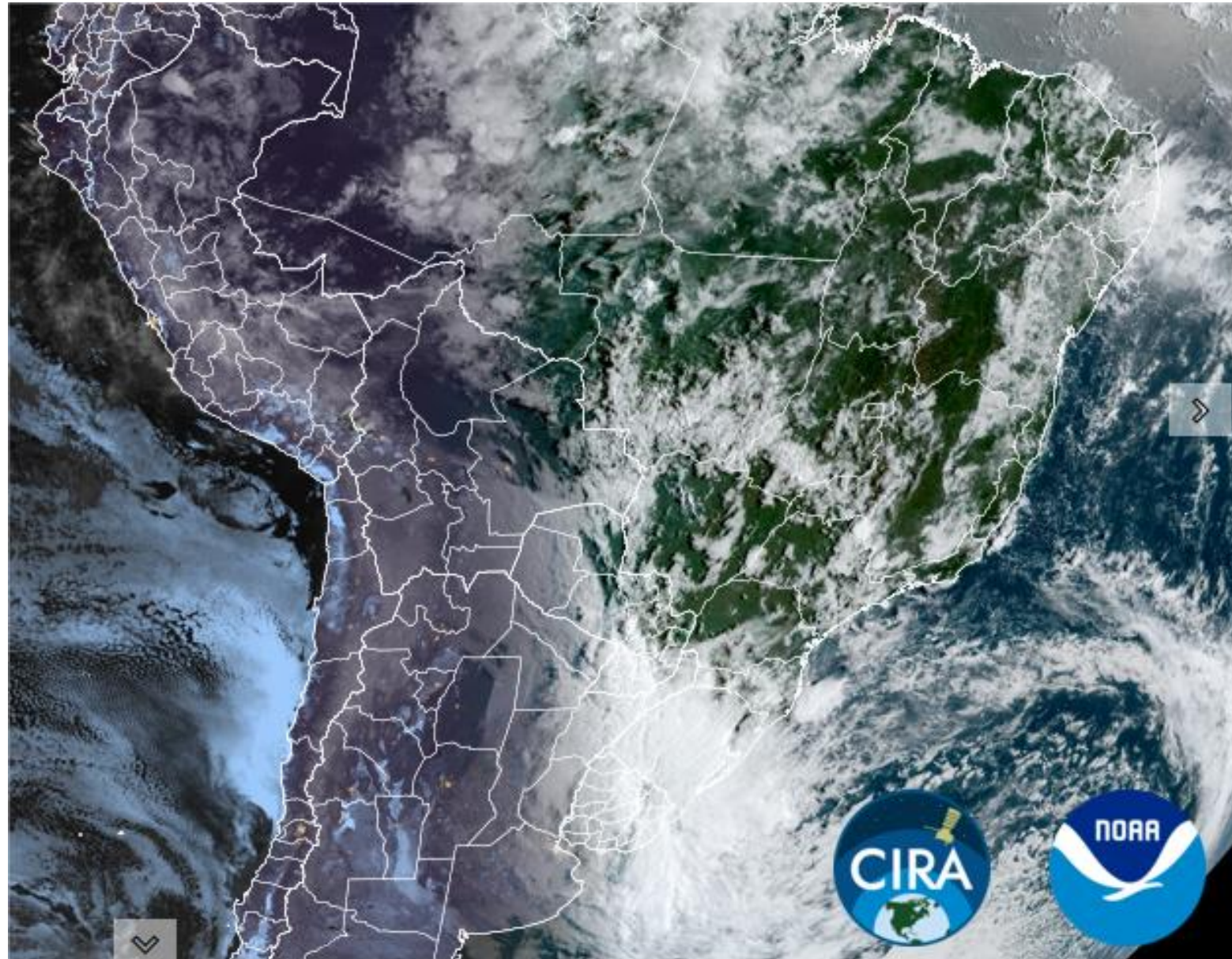
Monitoramento UHE Três Marias e Sobradinho

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

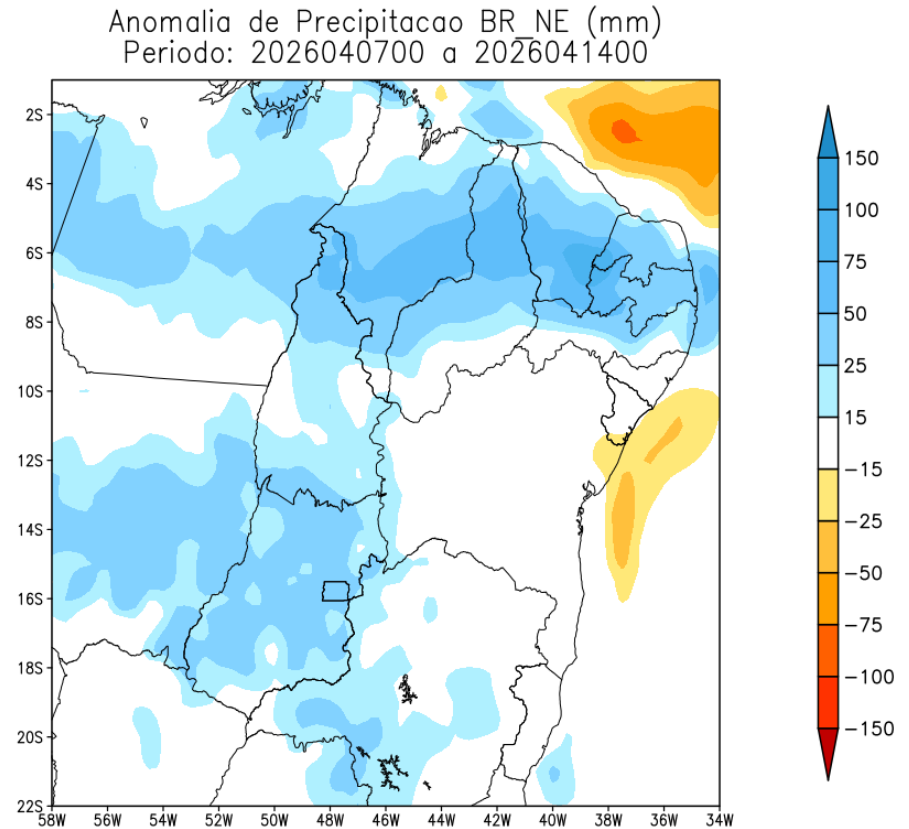
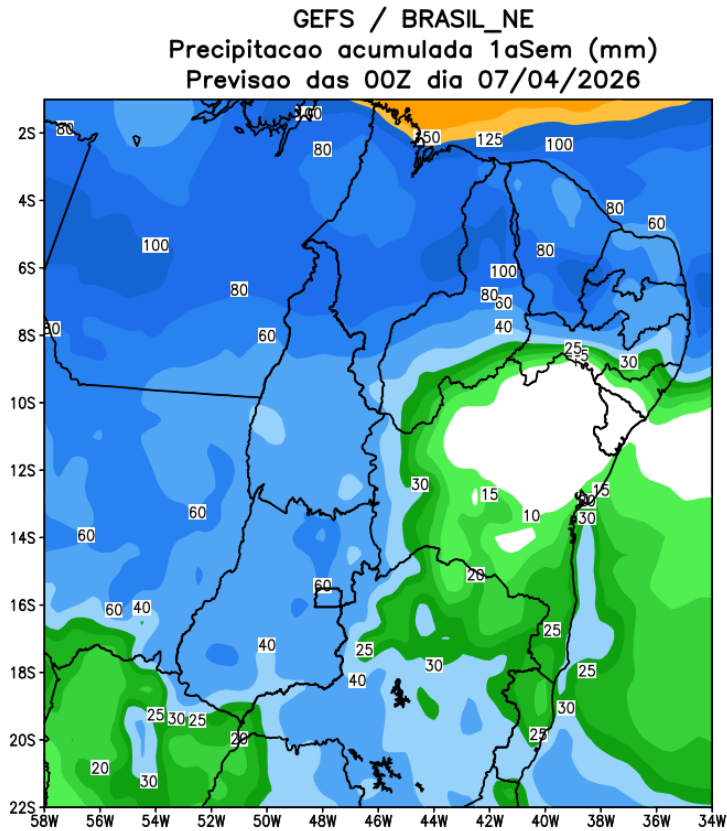
Março/2025



Situação meteorológica atual

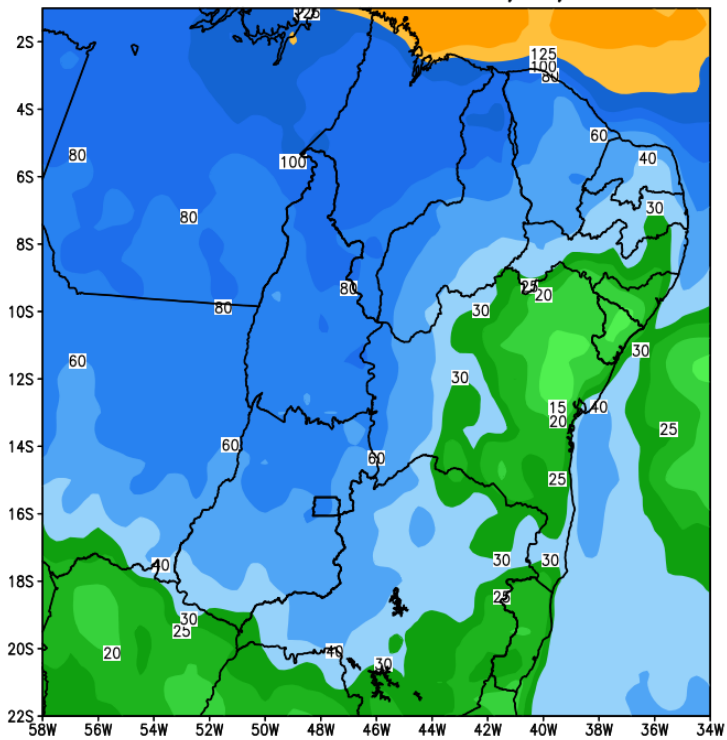


Previsão de chuva próximos 7 dias

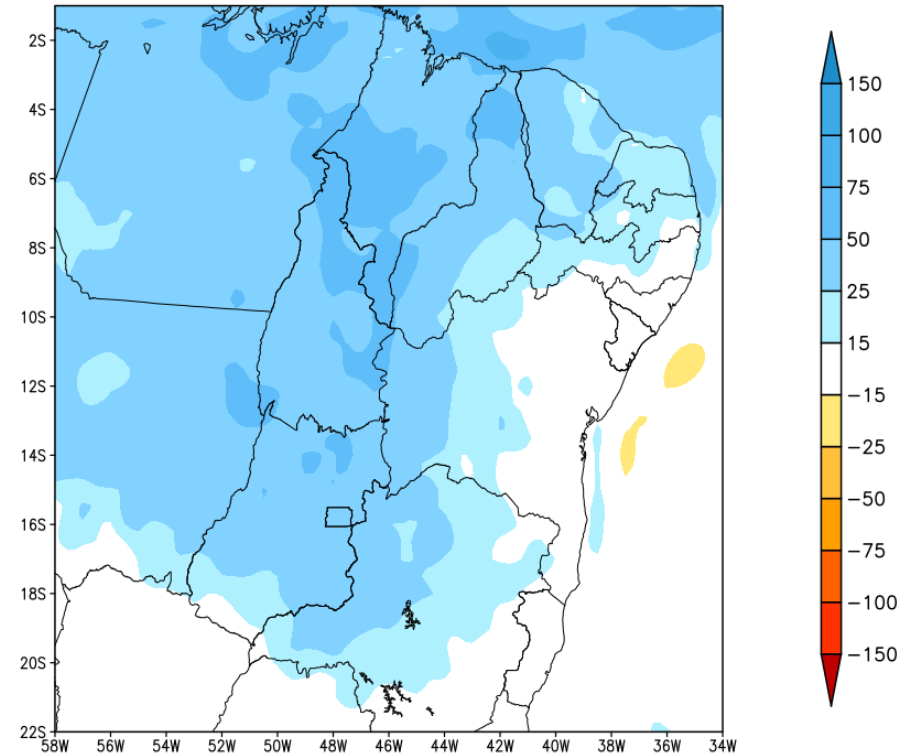


Tendência para a 2a semana

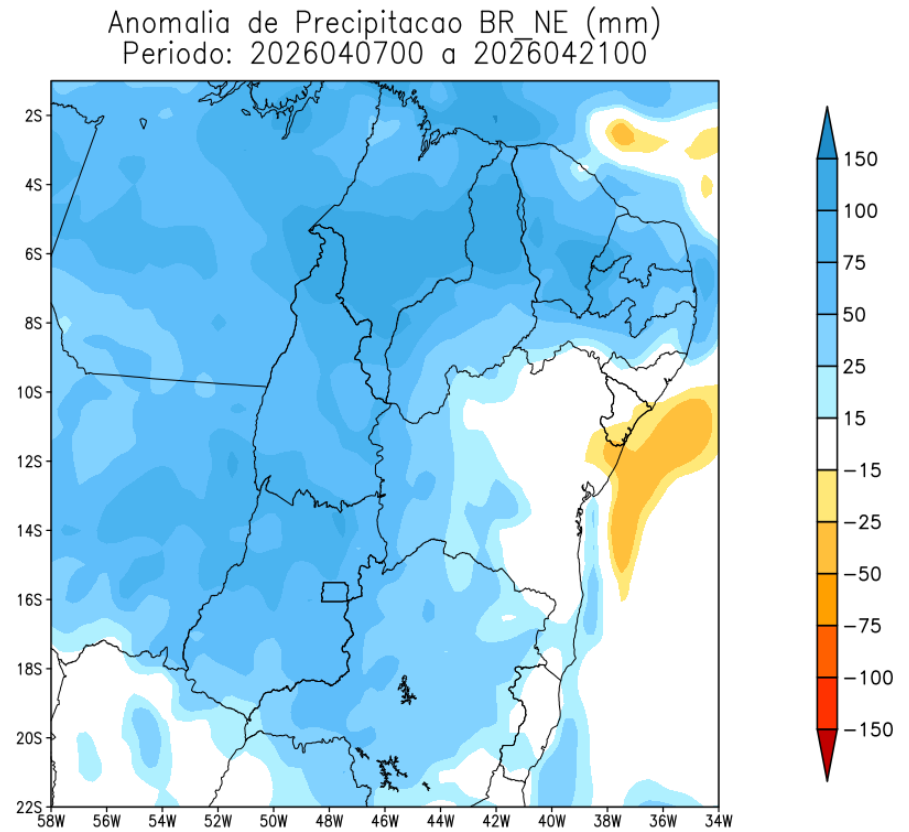
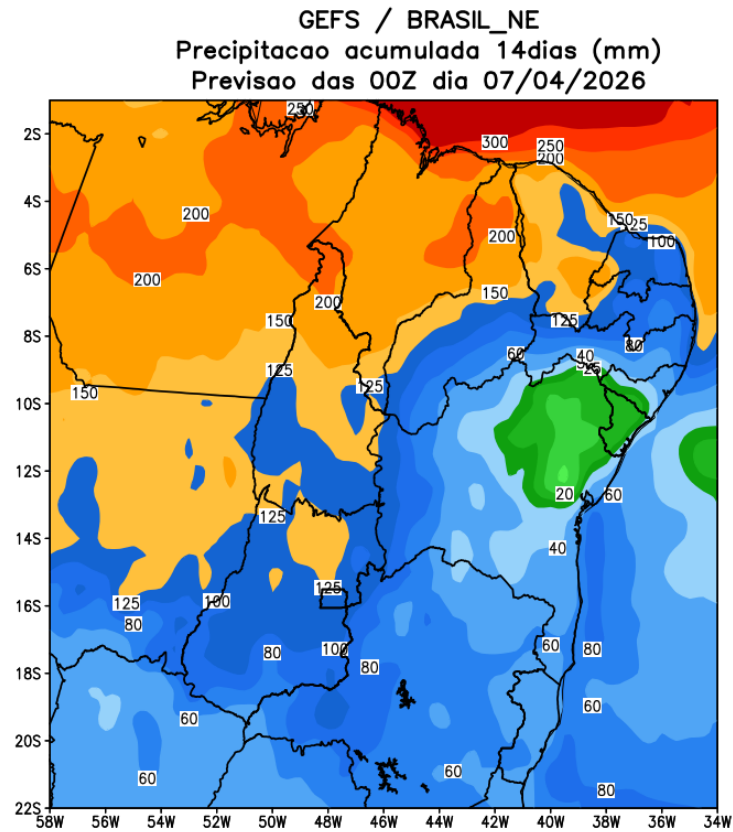
GEFS / BRASIL_NE
Precipitacao acumulada 2aSem (mm)
Previsao das 00Z dia 07/04/2026



Anomalia de Precipitacao BR_NE (mm)
Periodo: 2026041500 a 2026042100

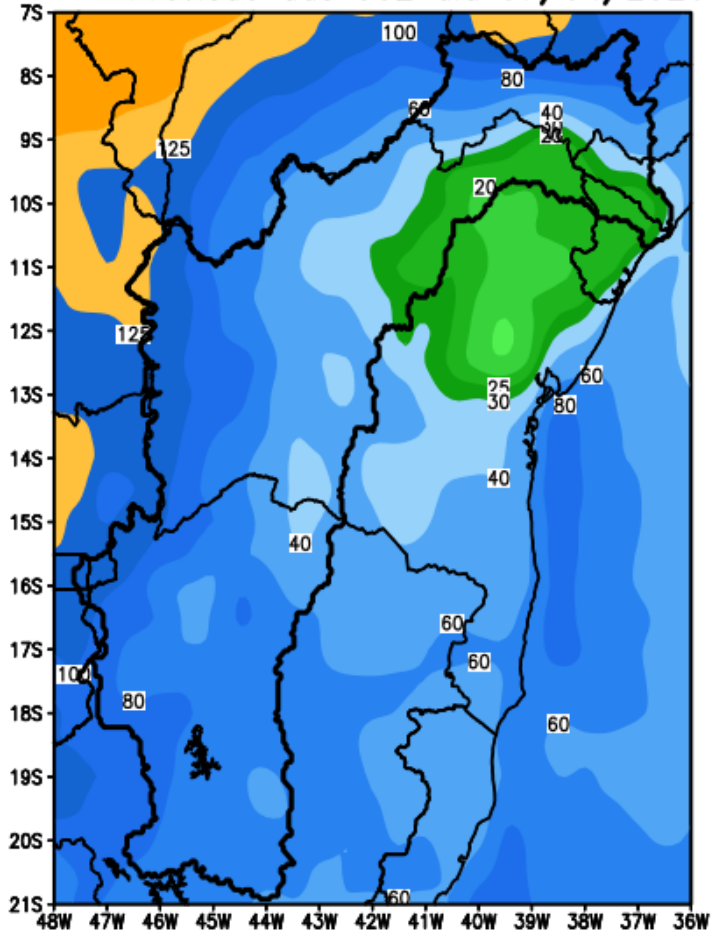


Tendência para as duas próximas semanas



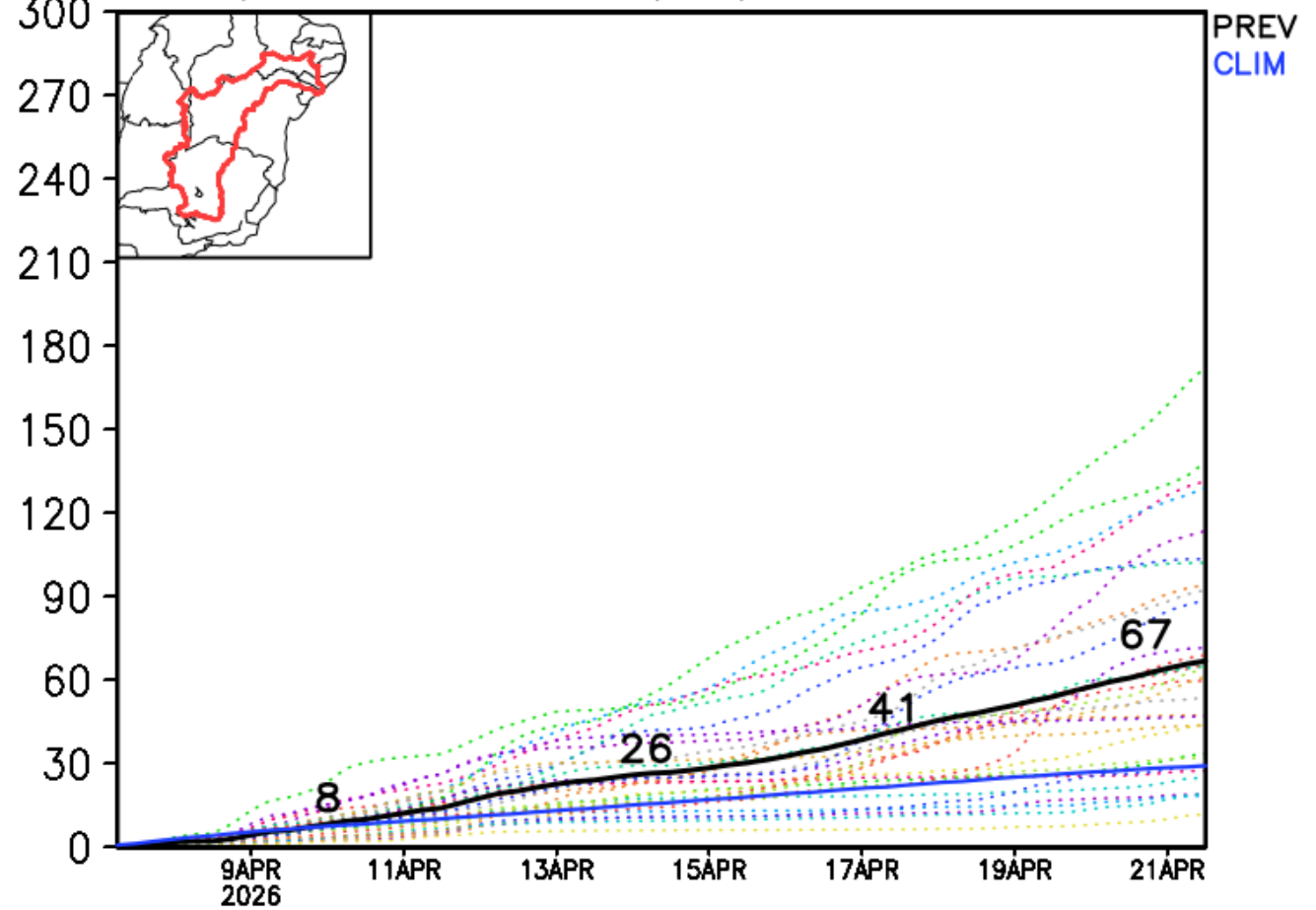
Bacia do rio São Francisco

GEFS / Bacia do Rio Sao Francisco
Precipitacao acumulada em 14 dias (mm)
Previsao das 00Z dia 07/04/2026



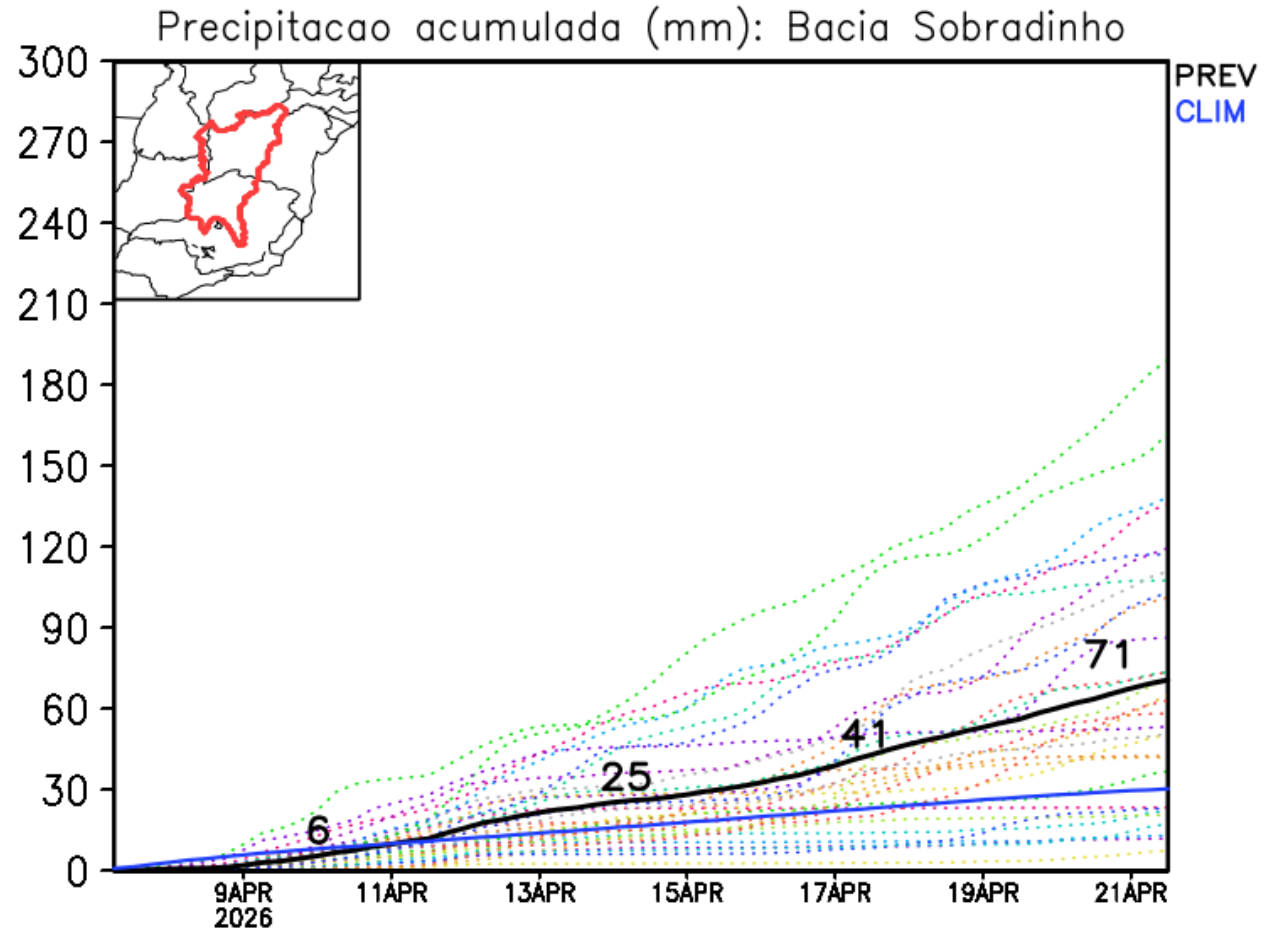
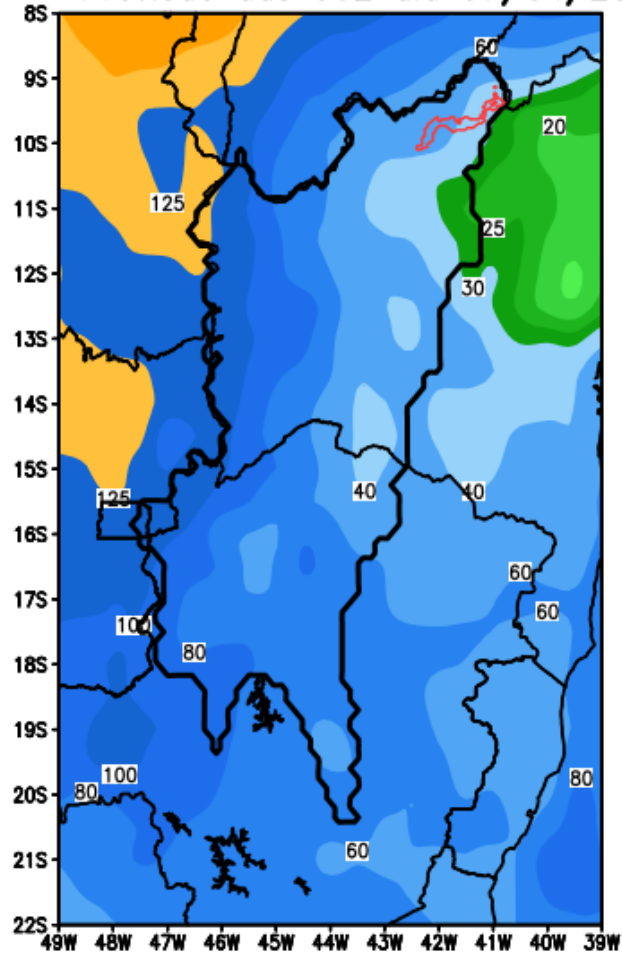
Modelo GFS/NOAA

Precipitacao acumulada (mm): Bacia SaoFrancisco

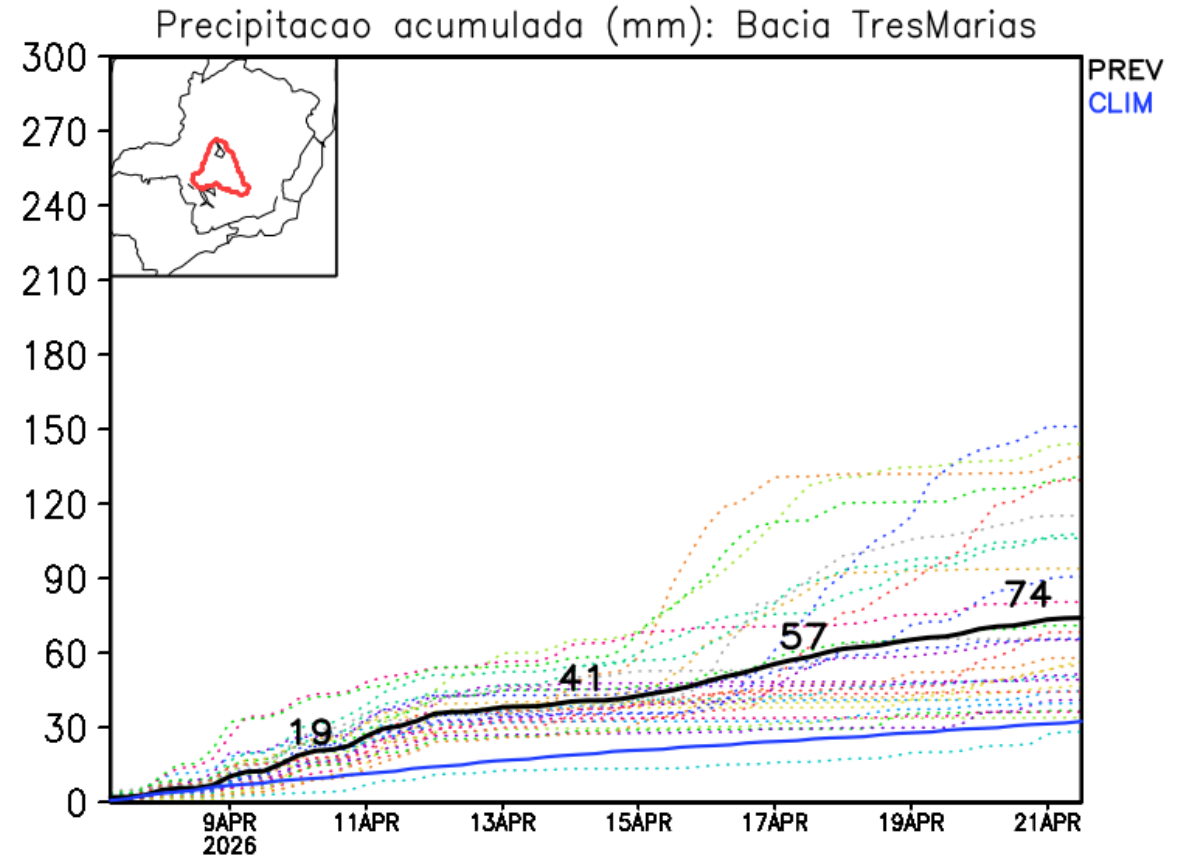
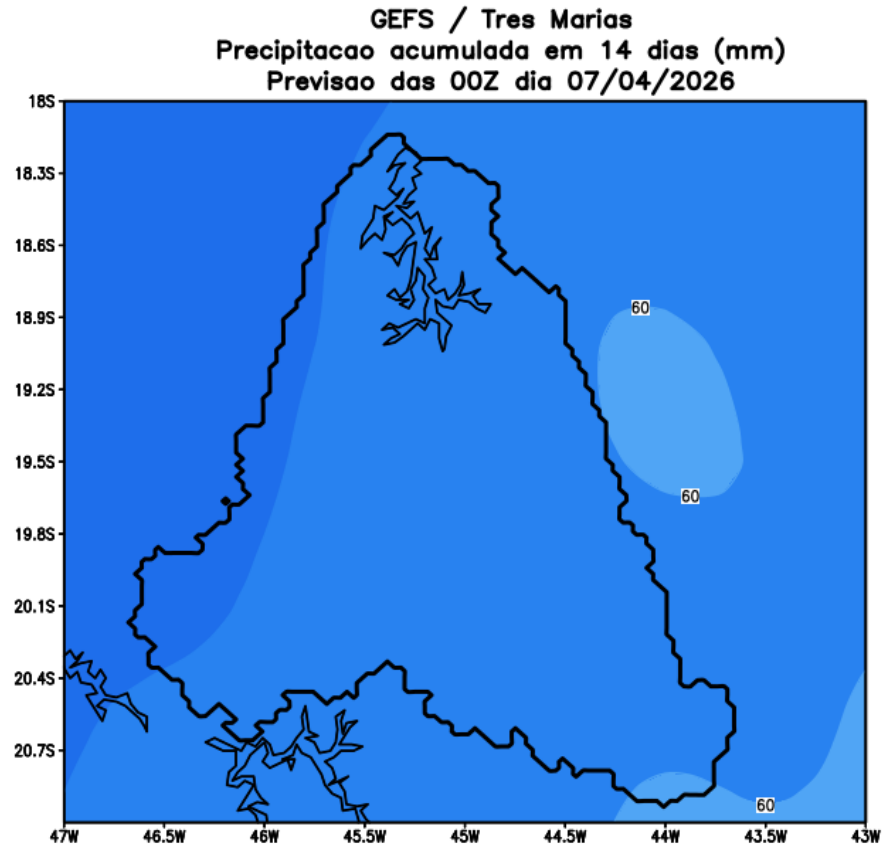


Bacia de Sobradinho

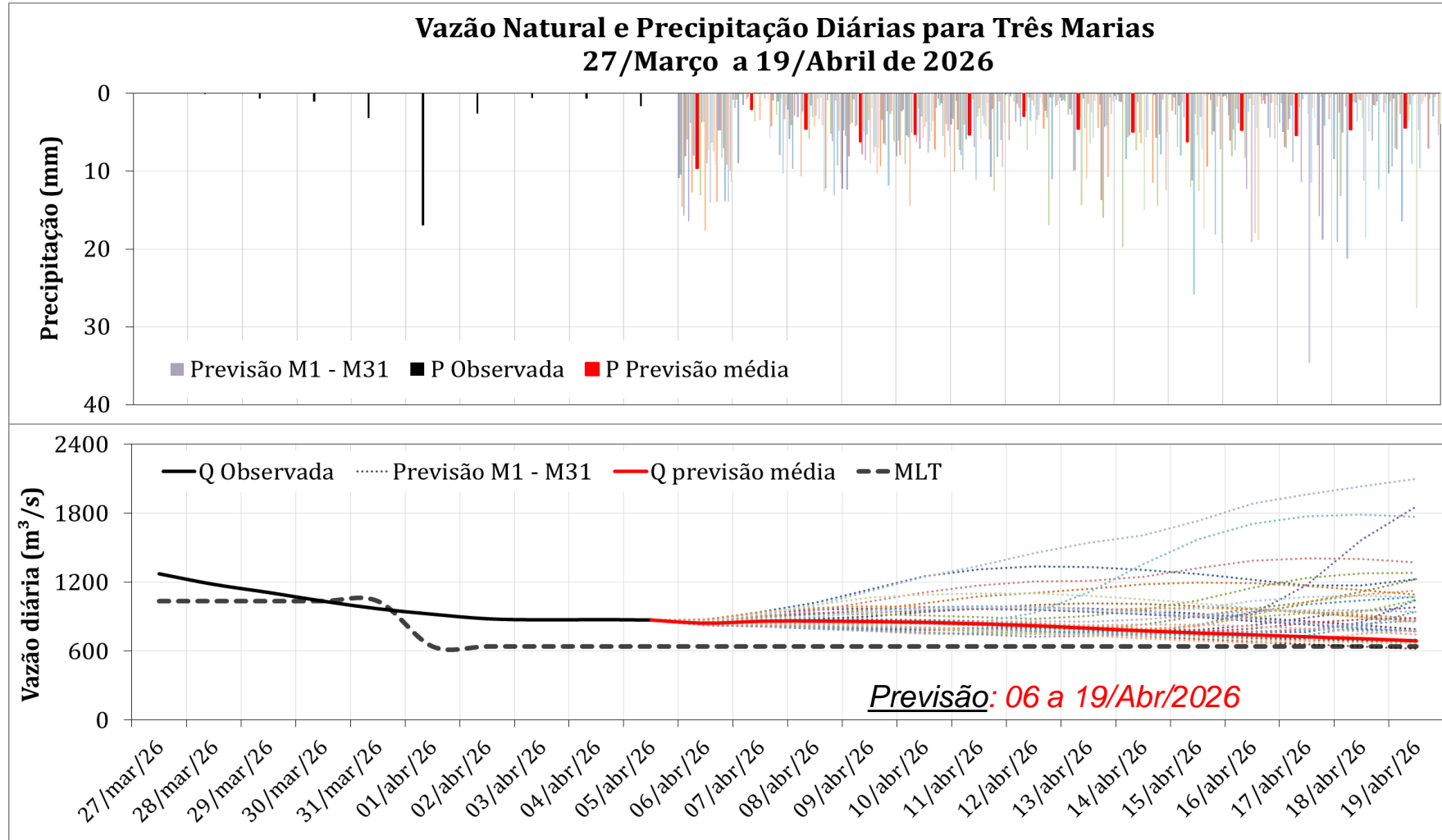
GEFS / Sobradinho
Precipitacao acumulada em 14 dias (mm)
Previsao das 00Z dia 07/04/2026



Bacia de Três Marias



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



Previsão média para os próximos 14 dias:

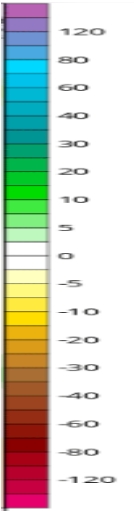
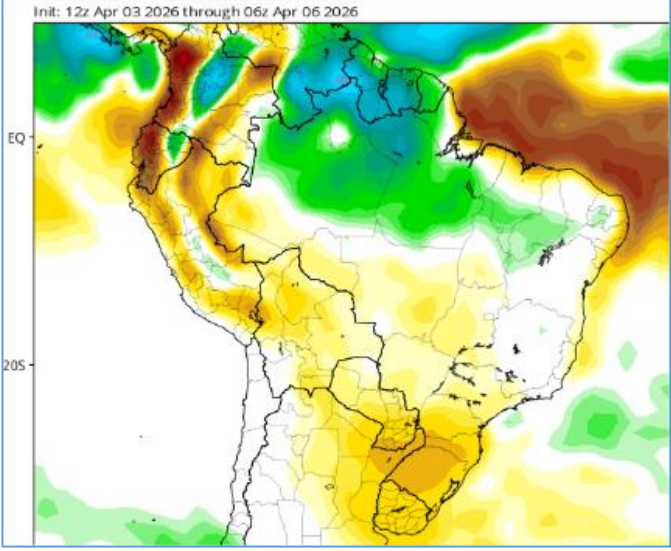
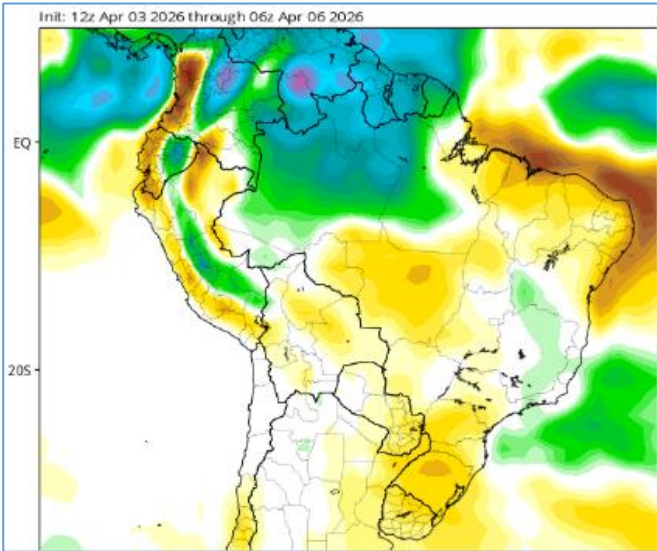
794 m³/s 124% da MLT de Abril

Tendência 3a e 4a semanas

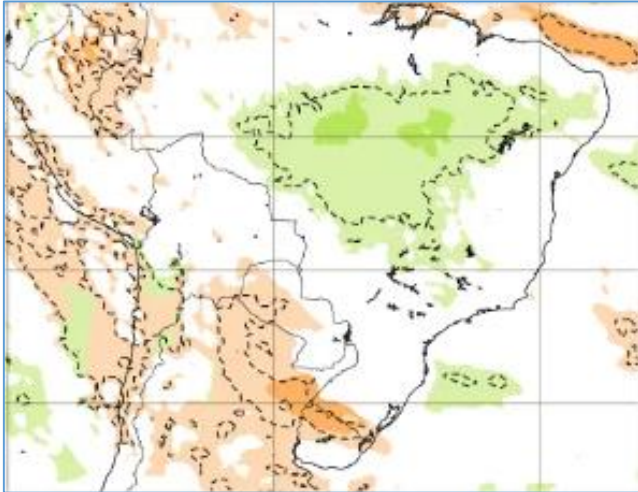
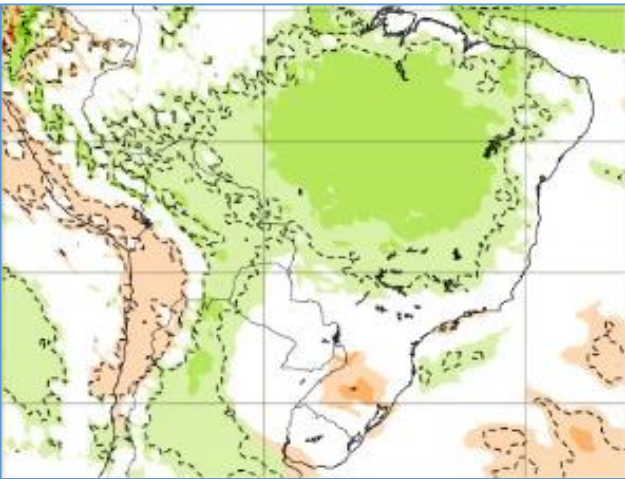
20-27 Abr

27 Abr -04 Mai

CFS/NOAA



ECMWF



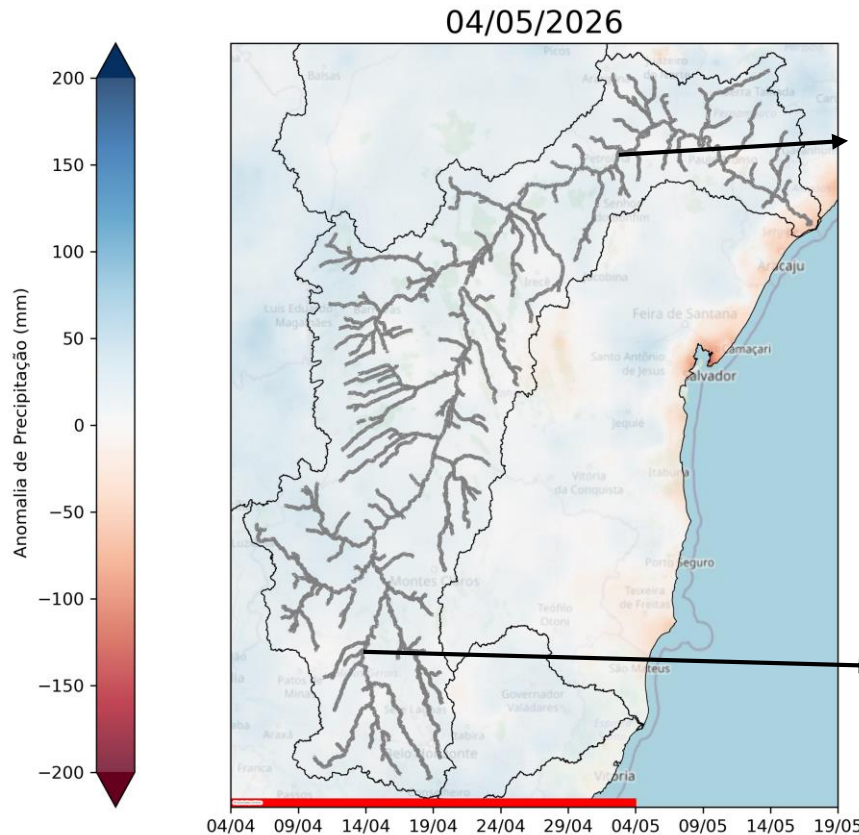
20-27 Abr

27 Abr -04 Mai

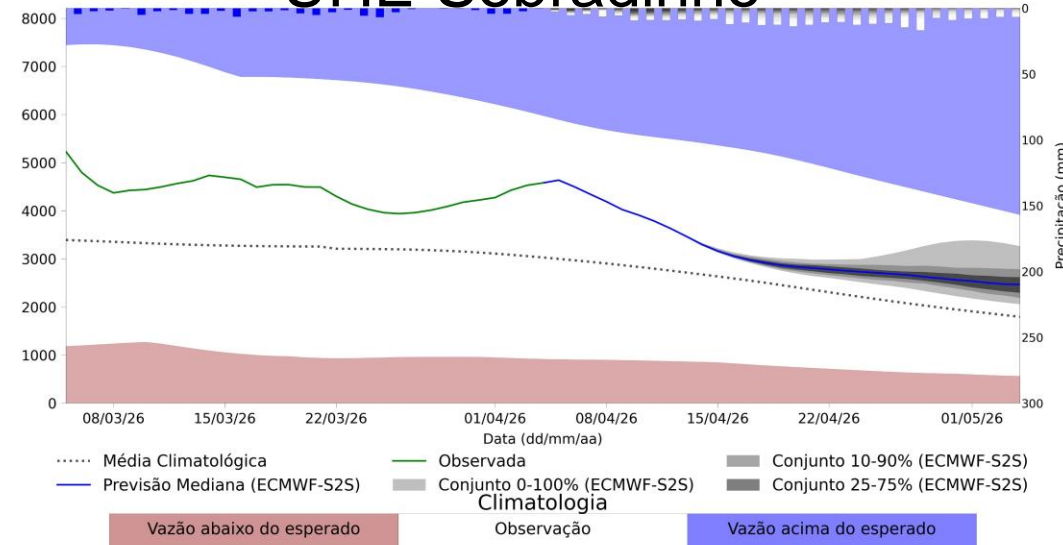


Previsão de vazão natural na Bacia Rio São Francisco

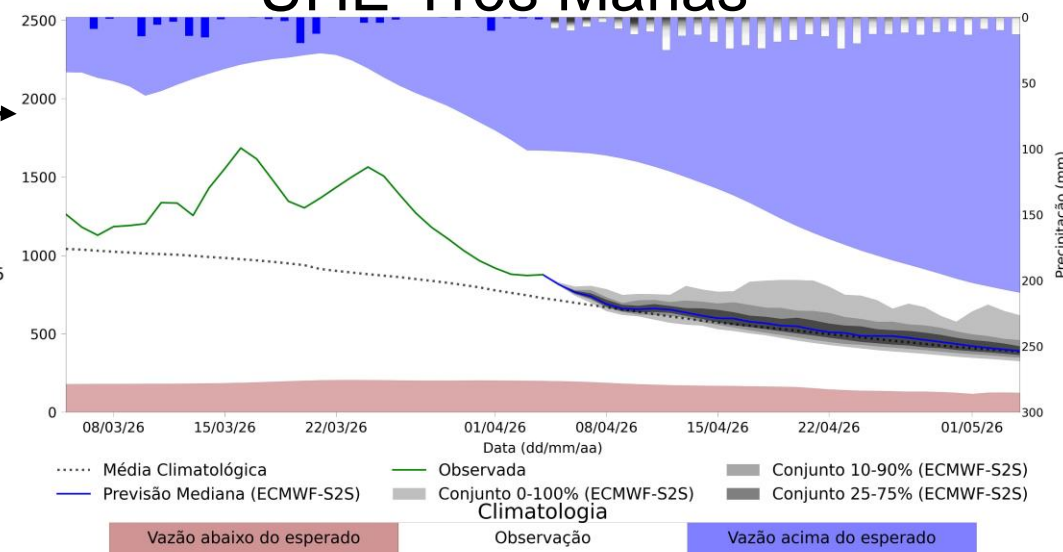
Previsão: 04/04/2026 a 04/05/2026



UHE Sobradinho



UHE Três Marias



Fonte: Meteorologia (INMET/MERGE);

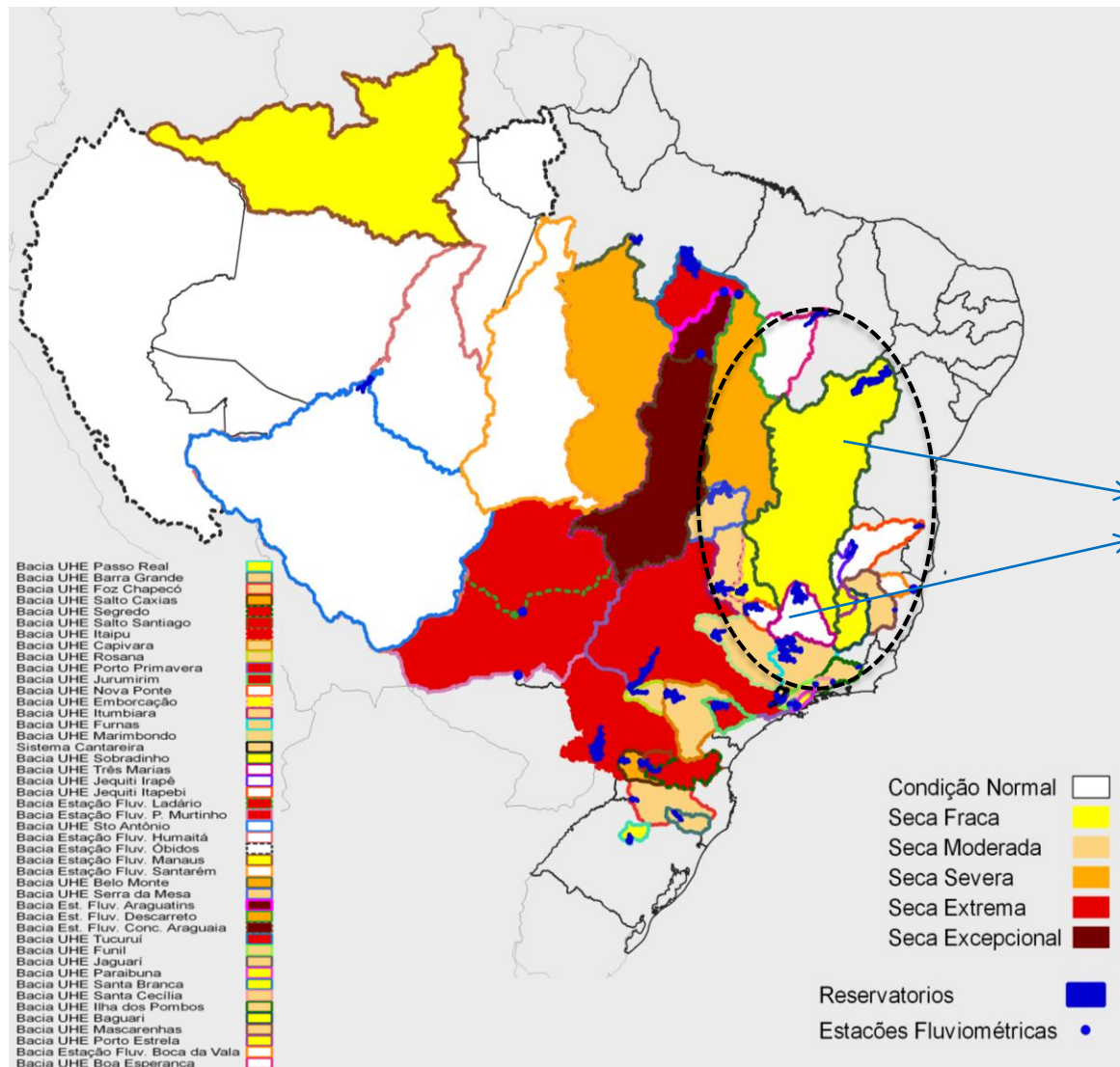
Vazão (ANA/ONS)

MLT: 1993-2024

Previsão Meteorológica: ECMWF-S2S

Índice Bivariado de Seca (Precipitação-Cota/Vazão) - TSI

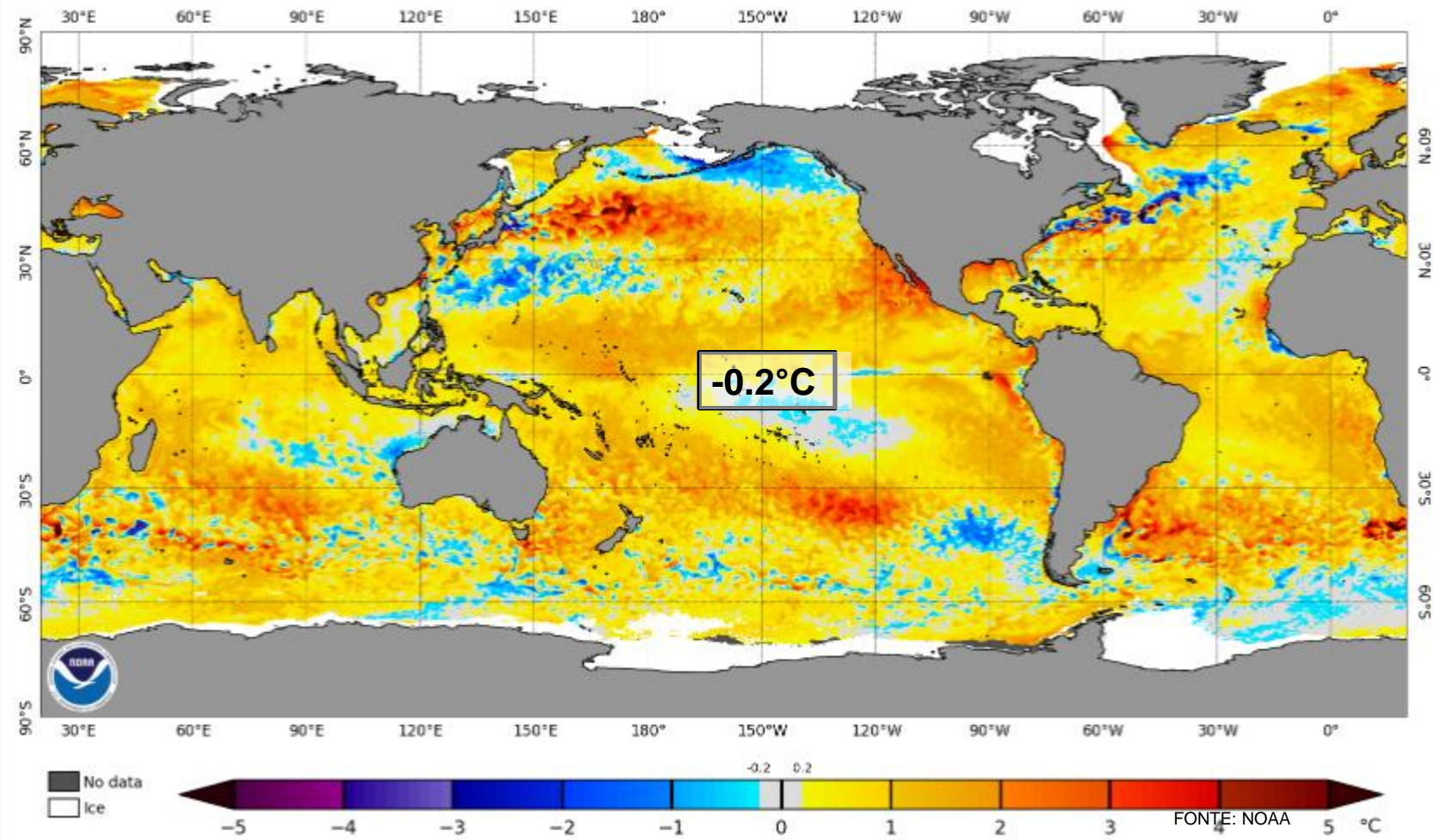
Previsão para os próximos 30 dias



Desintensificação:

- Sobradinho (Mod.=> Fraca)
- Três Marias (Fraca=> Normal)

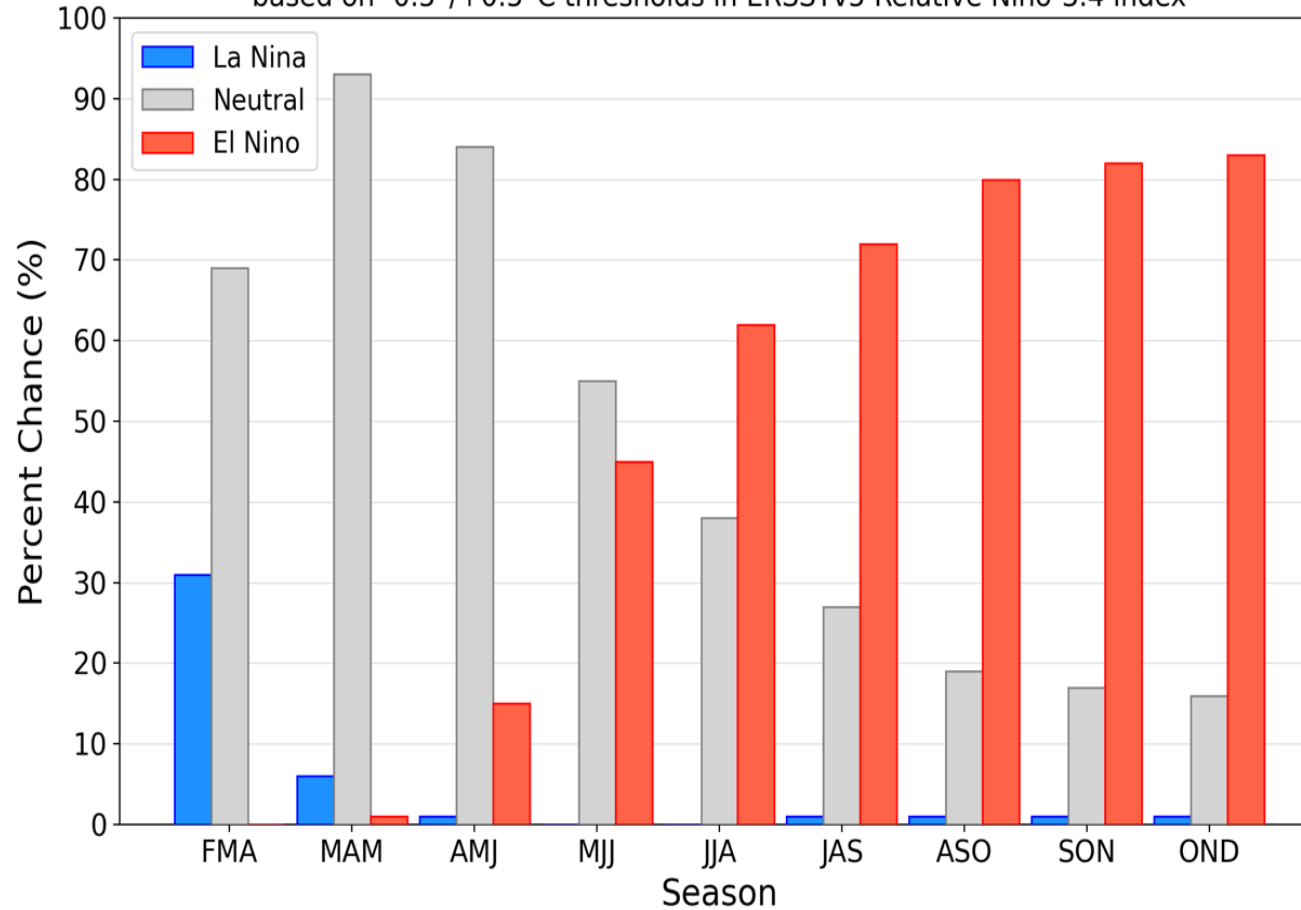
Status: **La Niña Advisory** / **El Niño Watch**



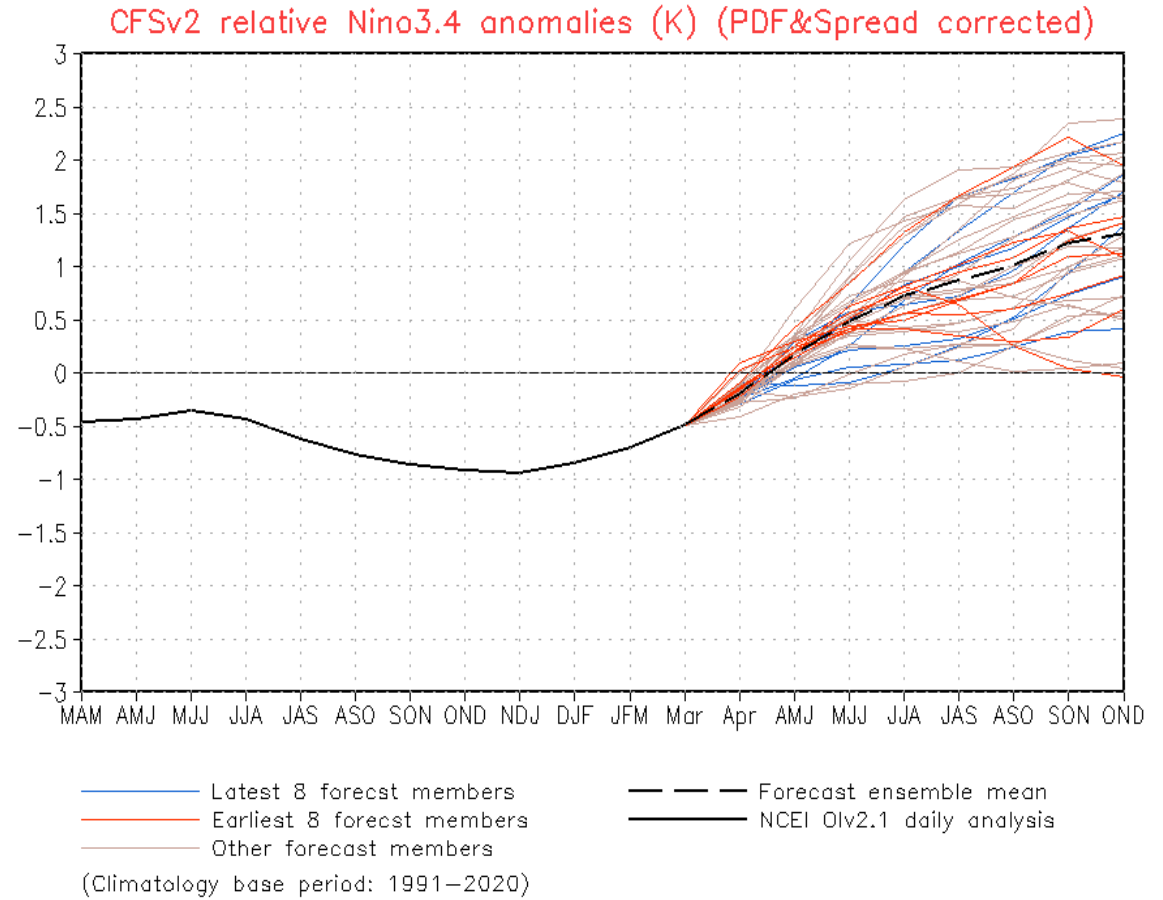
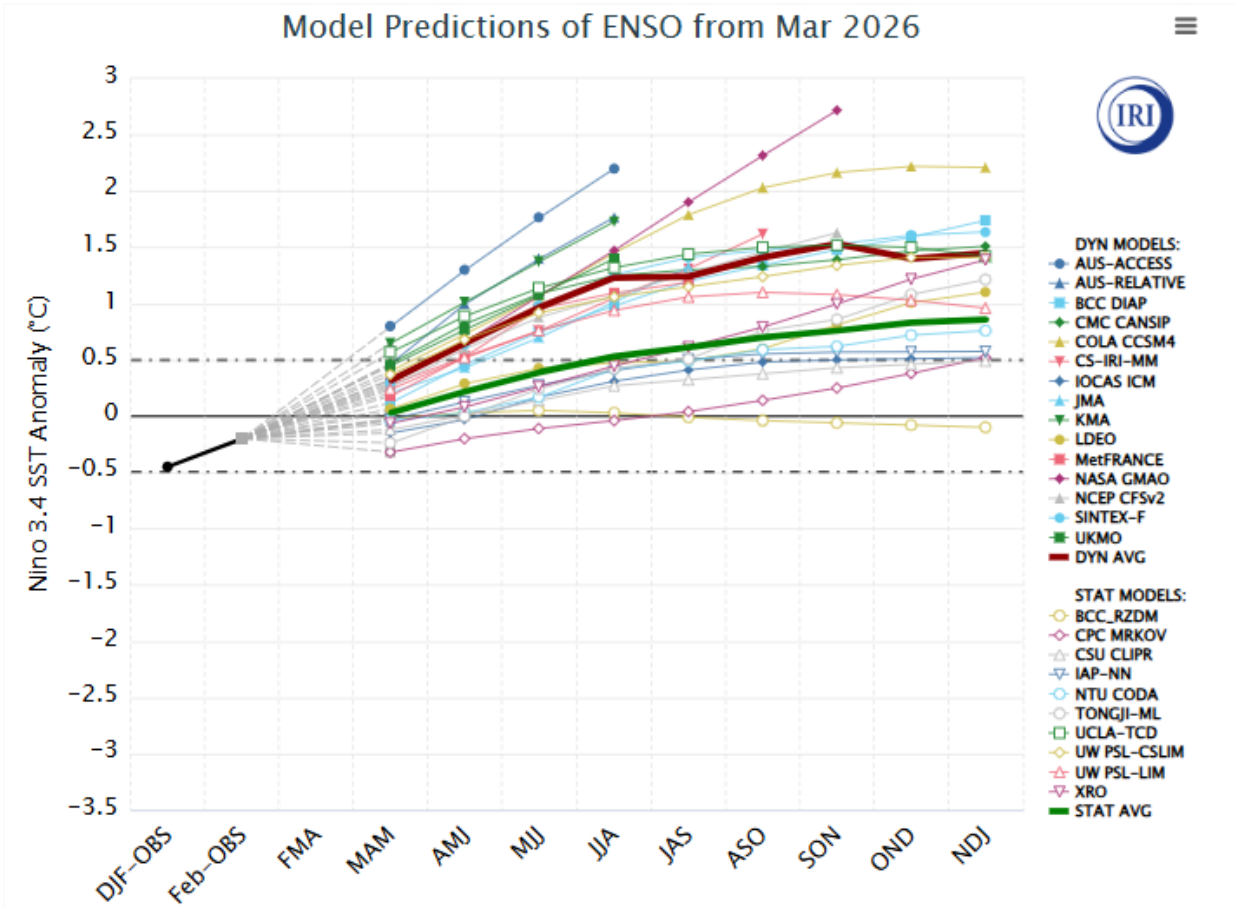
Previsão do “ENSO”

Official NOAA CPC ENSO Probabilities (issued March 2026)

based on $-0.5^{\circ}/+0.5^{\circ}\text{C}$ thresholds in ERSSTv5 Relative Niño-3.4 index



Previsão do “ENSO”



Previsão Sazonal de Chuva Multi-Modelo

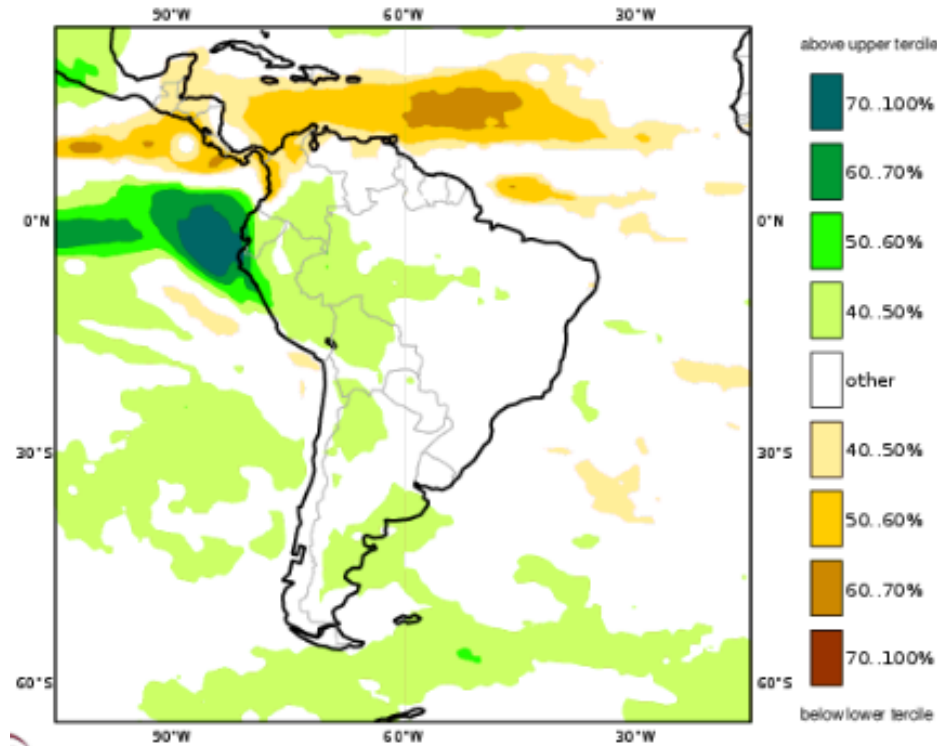
Abril-Maio-Junho

Prob(most likely category of precipitation)

Nominal forecast start: 01/03/26

Unweighted mean

AMJ 2026

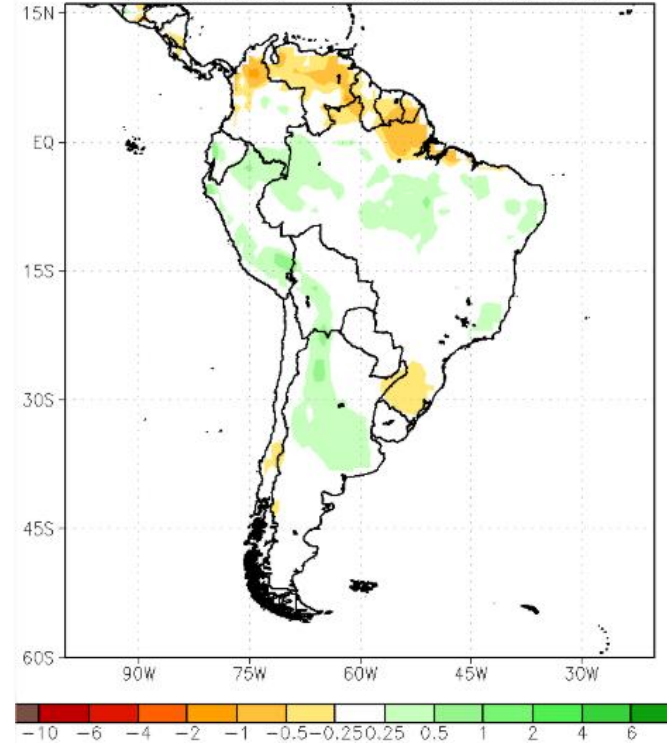


Modelos “Europeus”

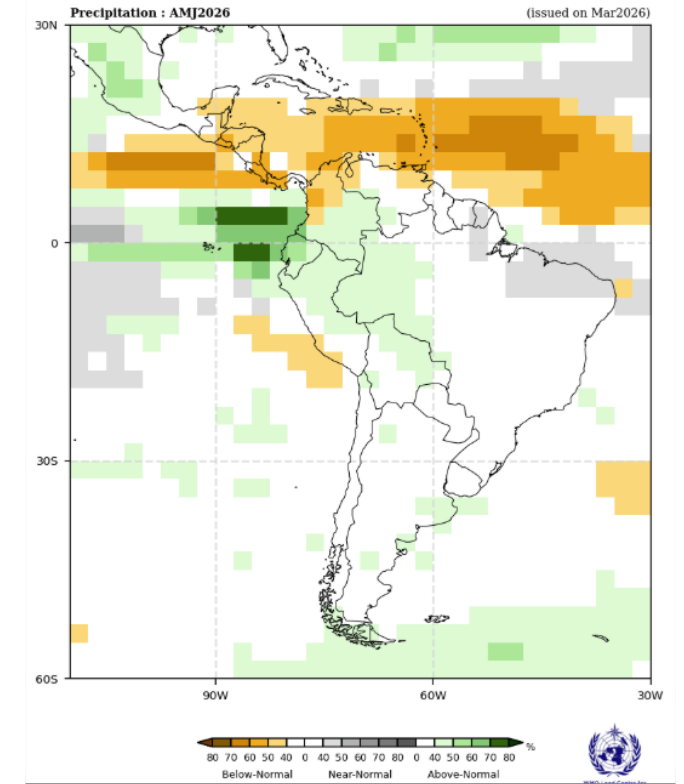
NMME Precipitation Anomalies (mm/day)

Apr2026–Jun2026

March2026 initial conditions



Modelos Norte Americanos

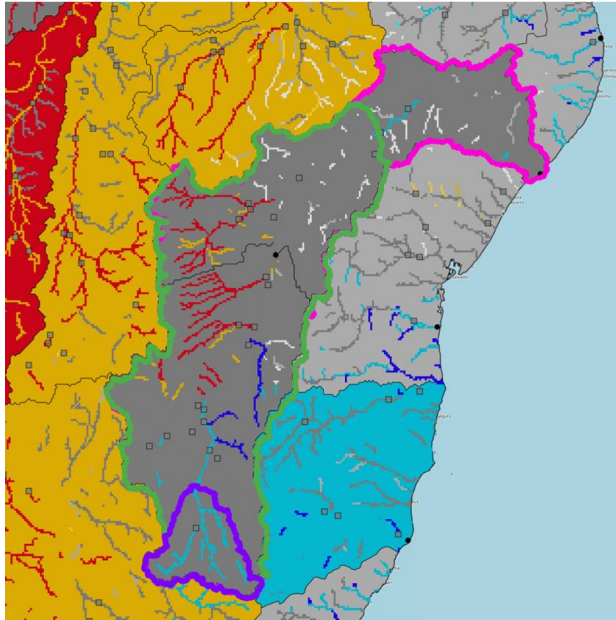


Modelos da WMO

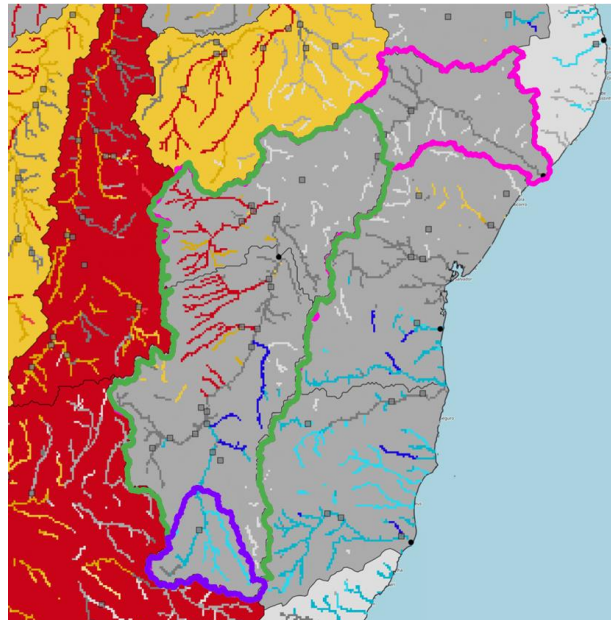
Previsão Sazonal (AMJ) de vazões naturais para a Bacia do Rio São Francisco (GloFAS)

Previsão: Abril, Maio e Junho de 2026

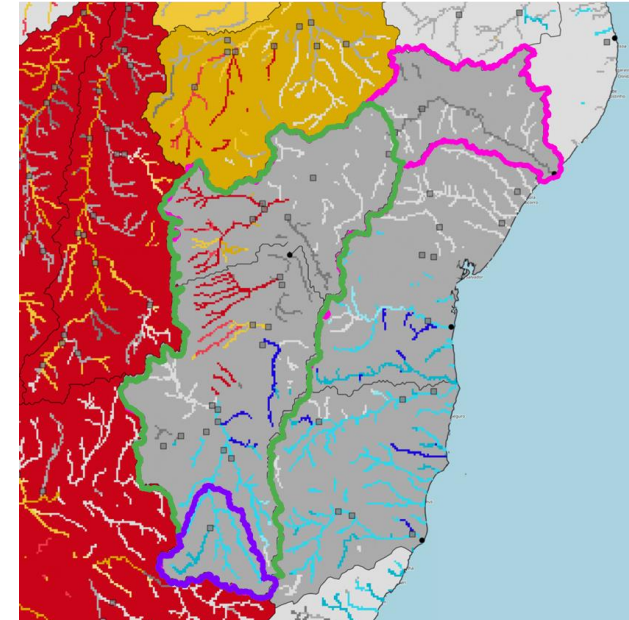
Abril (A)



Maio (M)






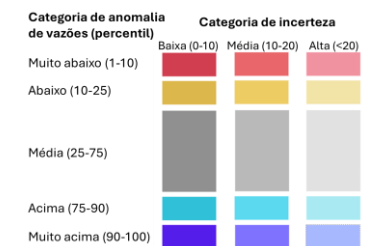
Junho (J)



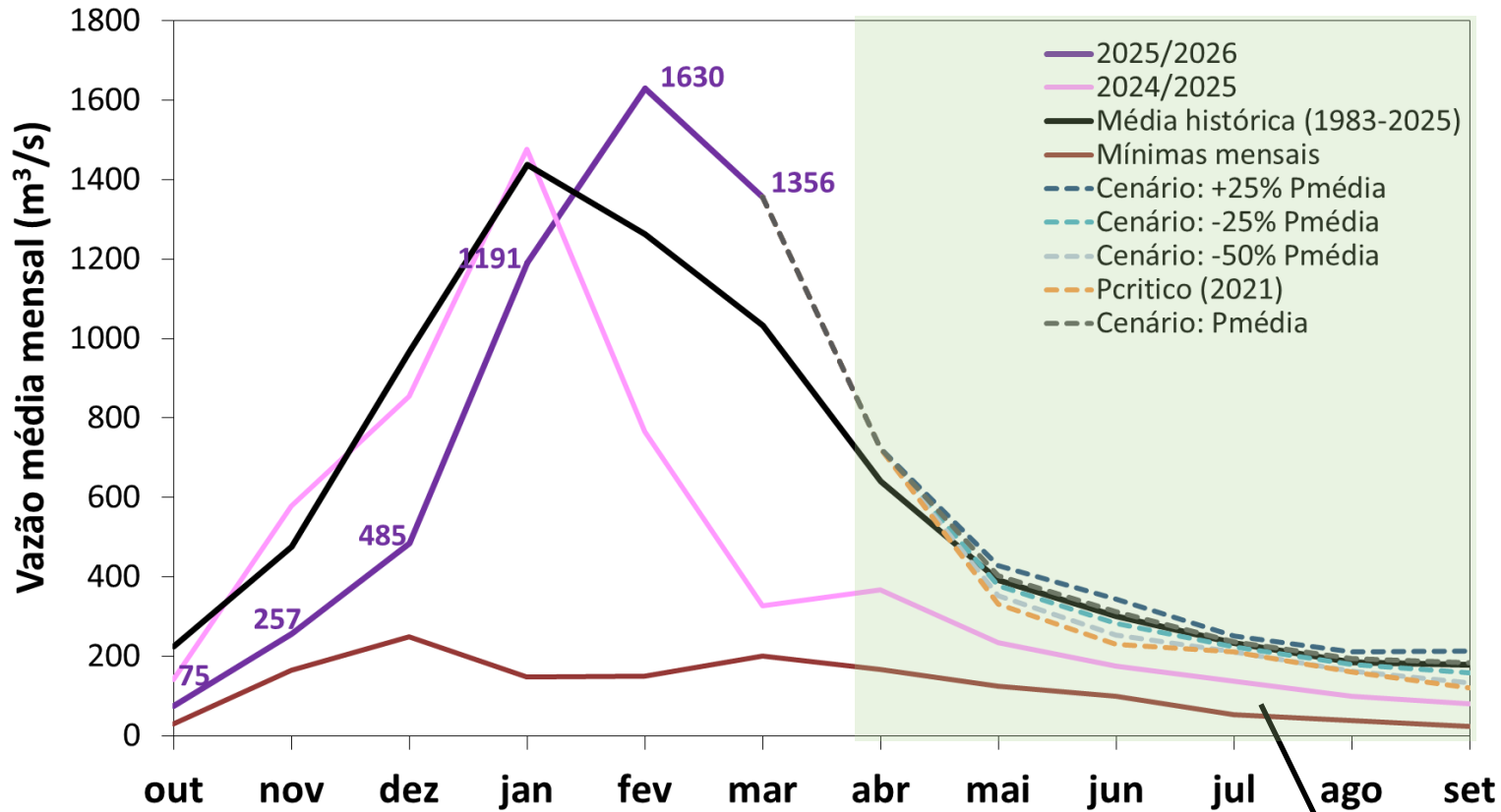
Fonte: Previsão Meteorológica: ECMWF
 Previsão de vazão: Lisflood/GloFAS Forecast
<https://www.globalfloods.eu/glofas-forecasting/>



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



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



Abr-Set (Meses Secos)
MLT: 322 m³/s

Vazão	% MLT
362 m³/s	113%
343 m³/s	107%
324 m³/s	100%
297 m³/s	92%