



CEMADEN

Centro Nacional de Monitoramento e
Alertas de Desastres Naturais

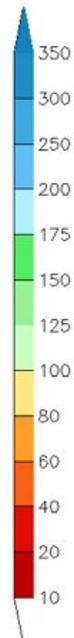
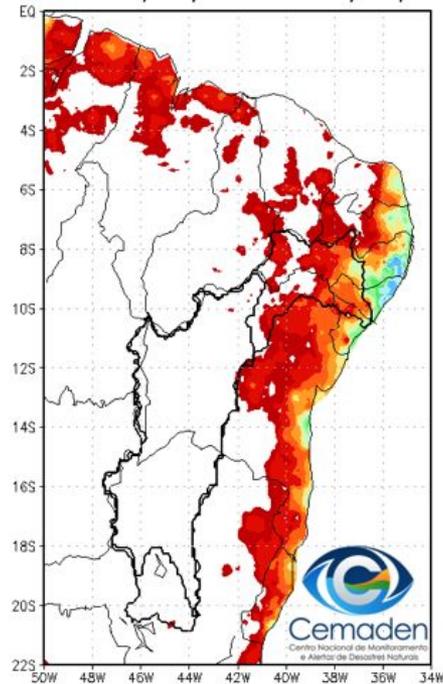
Monitoramento, Previsões e Projeções para a Bacia do Rio São Francisco

06 de agosto de 2024

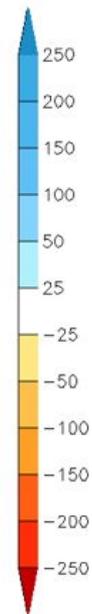
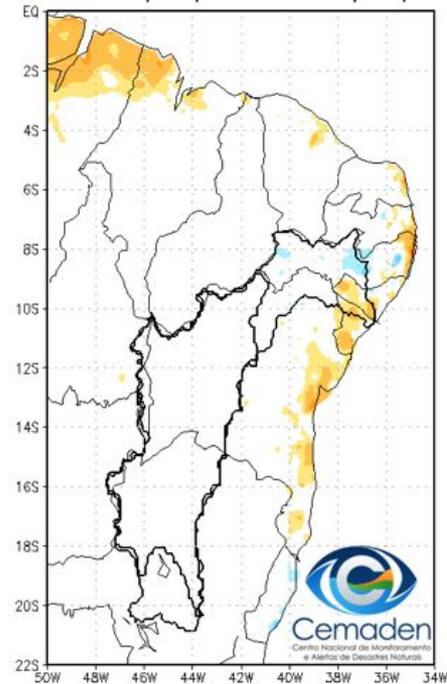


Chuva dos últimos 30 dias

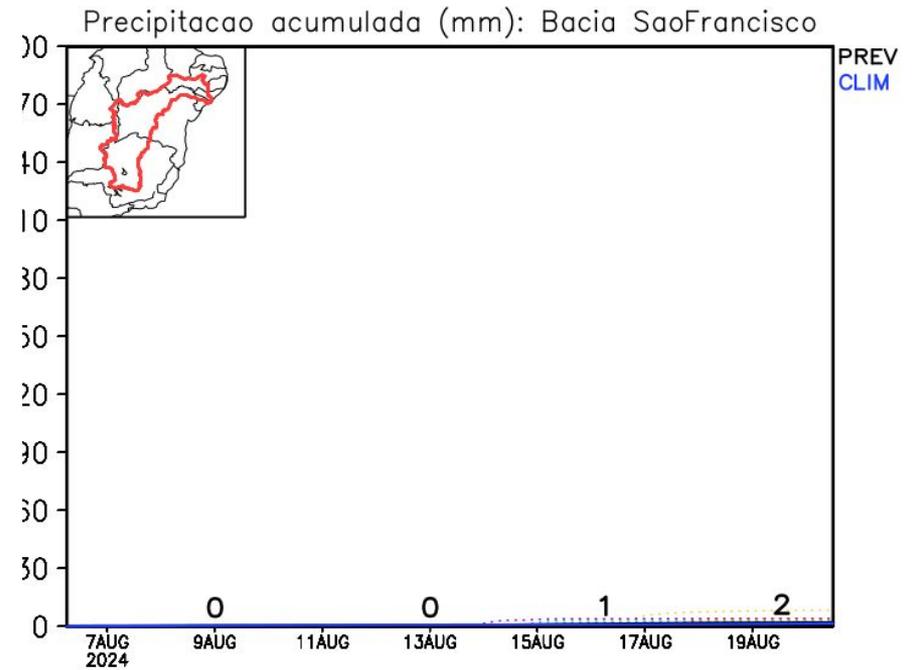
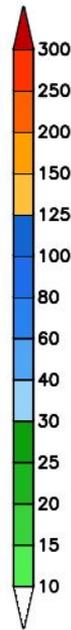
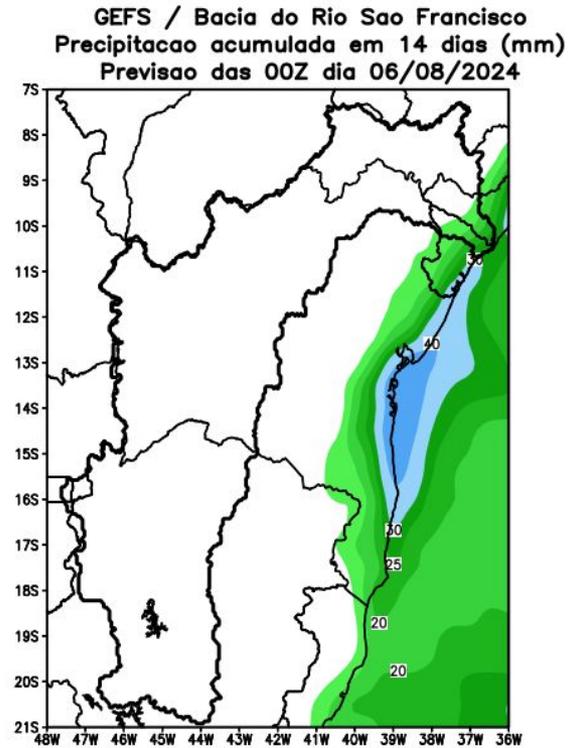
Precipitacao Acumulada (mm) A.S.
Período: 06/07/2024 a 05/08/2024



Anomalia de Precipitacao (mm) A.S.
Período: 06/07/2024 a 05/08/2024

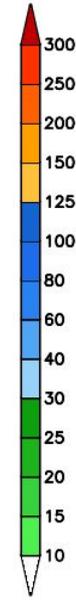
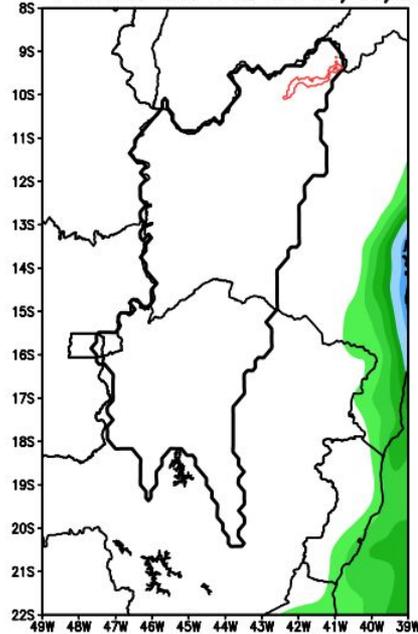


Bacia do rio São Francisco

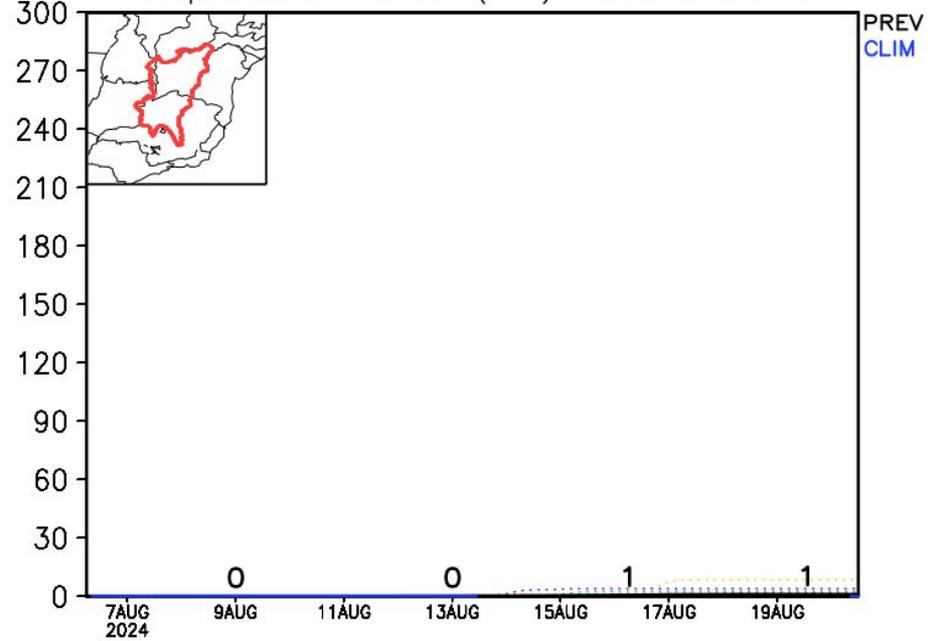


Bacia de Sobradinho

GEFS / Sobradinho
Precipitacao acumulada em 14 dias (mm)
Previsao das 00Z dia 06/08/2024

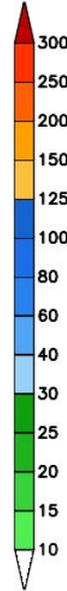
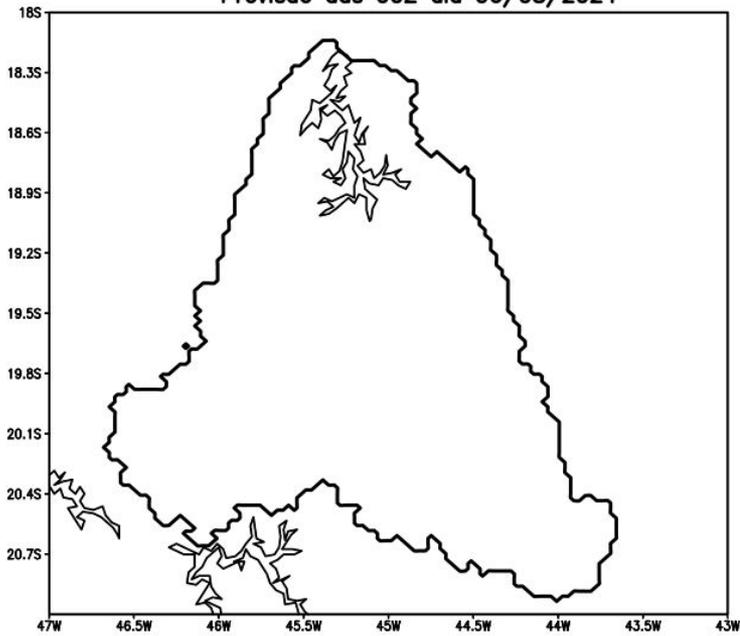


Precipitacao acumulada (mm): Bacia Sobradinho

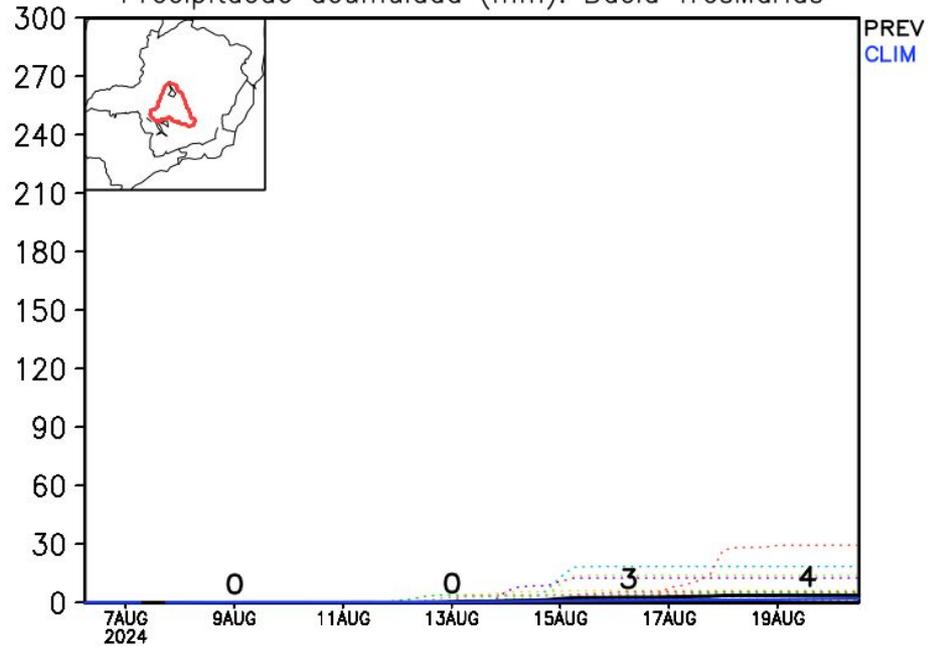


Bacia de Três Marias

GEFS / Tres Marias
Precipitacao acumulada em 14 dias (mm)
Previsao das 00Z dia 06/08/2024



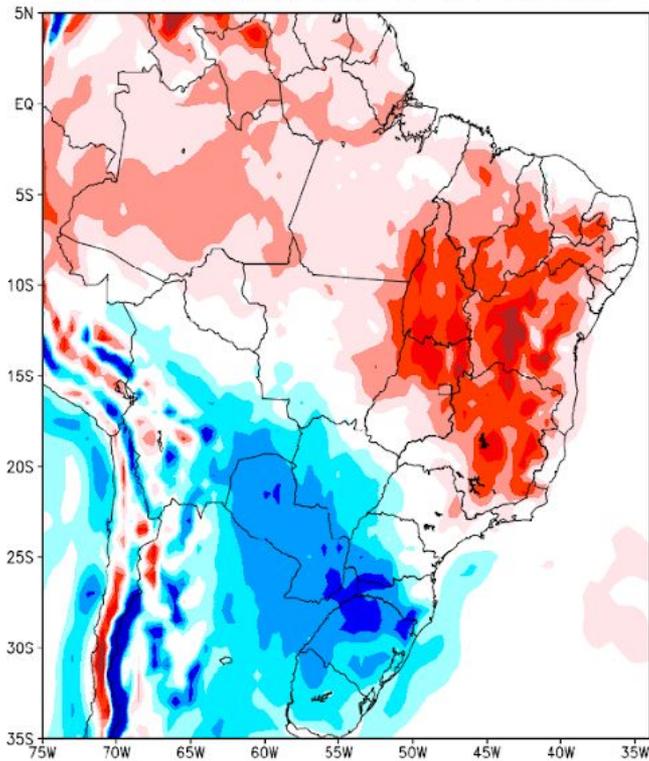
Precipitacao acumulada (mm): Bacia TresMarias



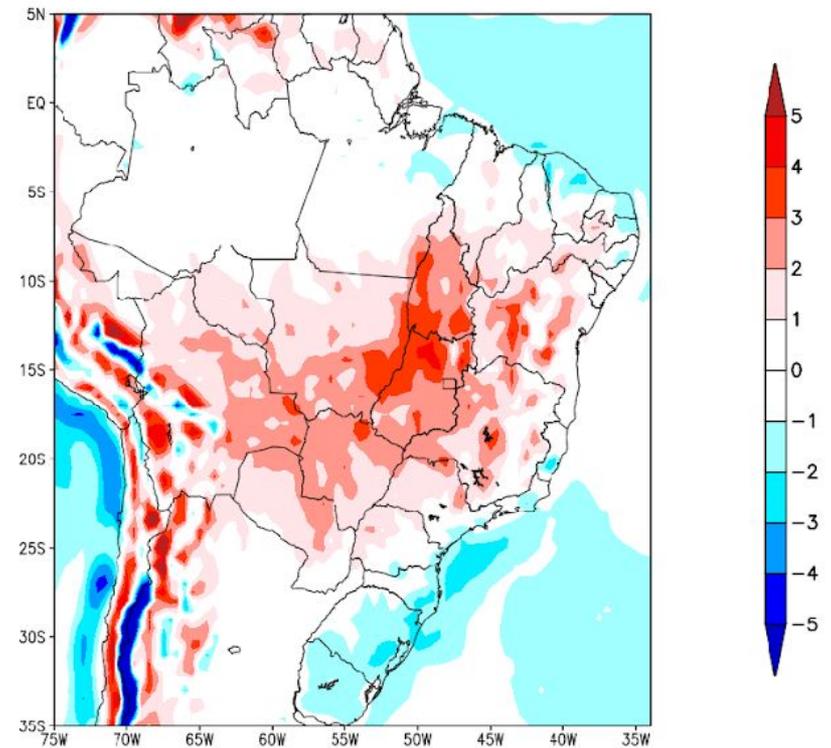


Previsão de Temperatura

Anomalia de Temperatura BR (C)
Período: 2024080600 a 2024081300



Anomalia de Temperatura BR (C)
Período: 2024081400 a 2024082000

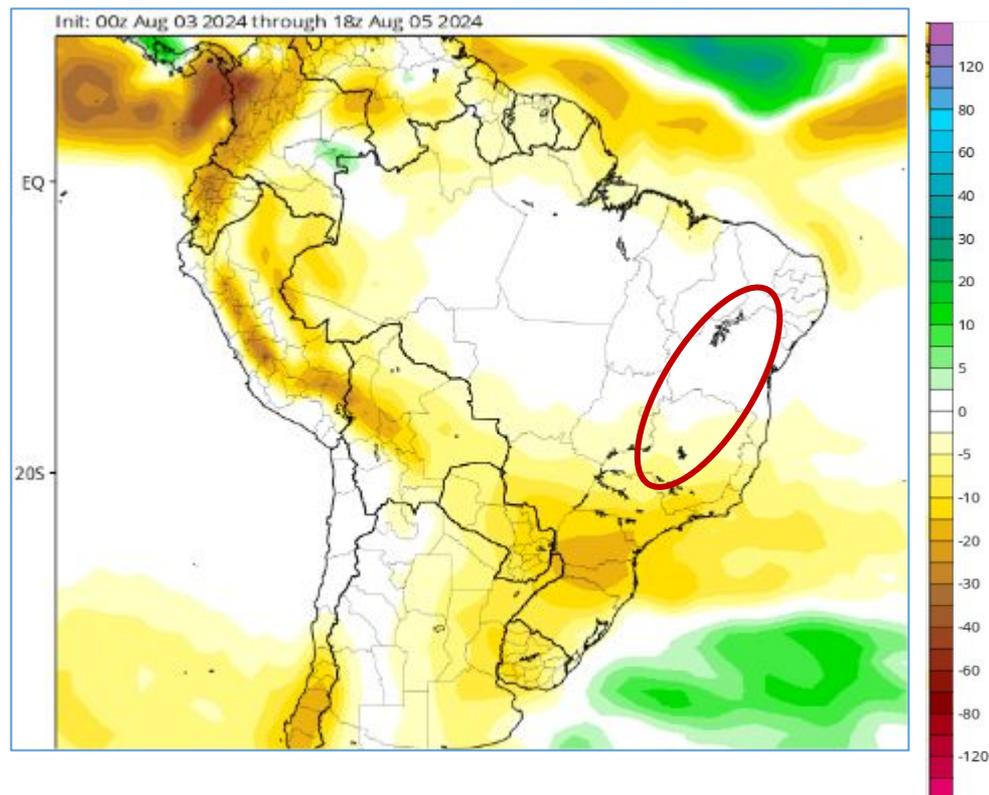
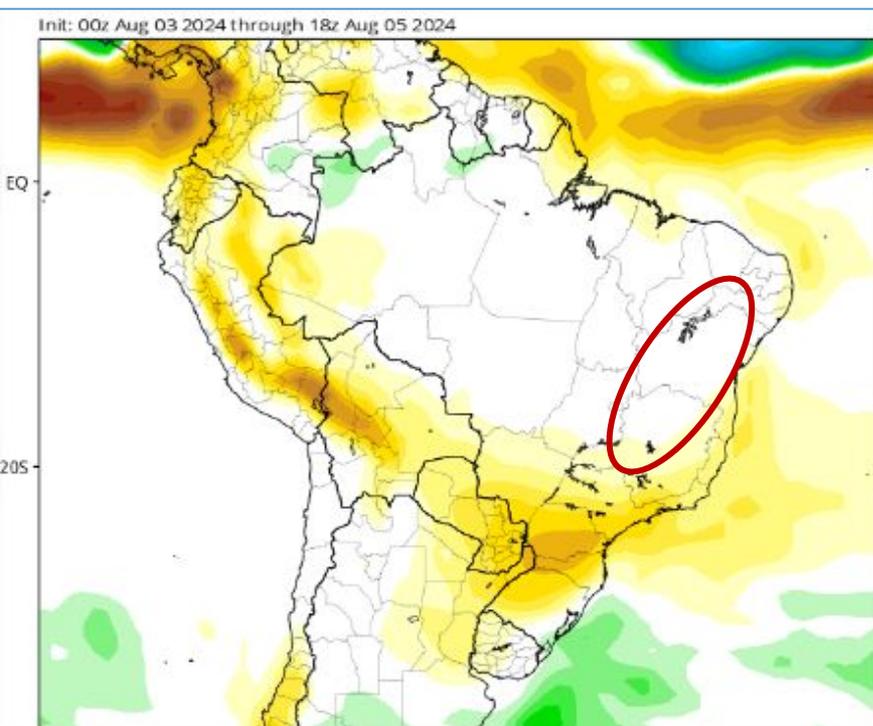




Tendência 3a e 4a semanas

19-26 Agosto

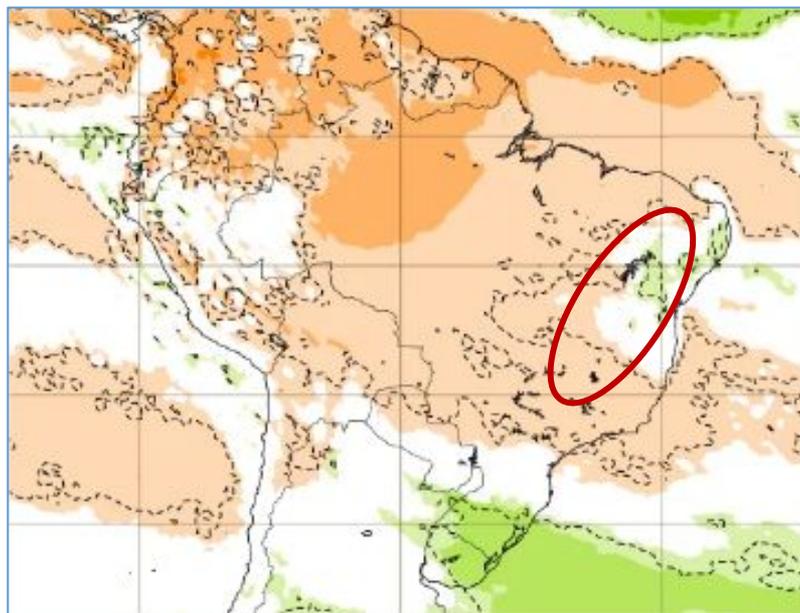
26 Ago -02 Set



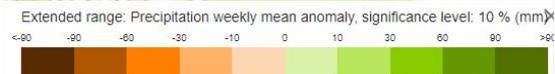
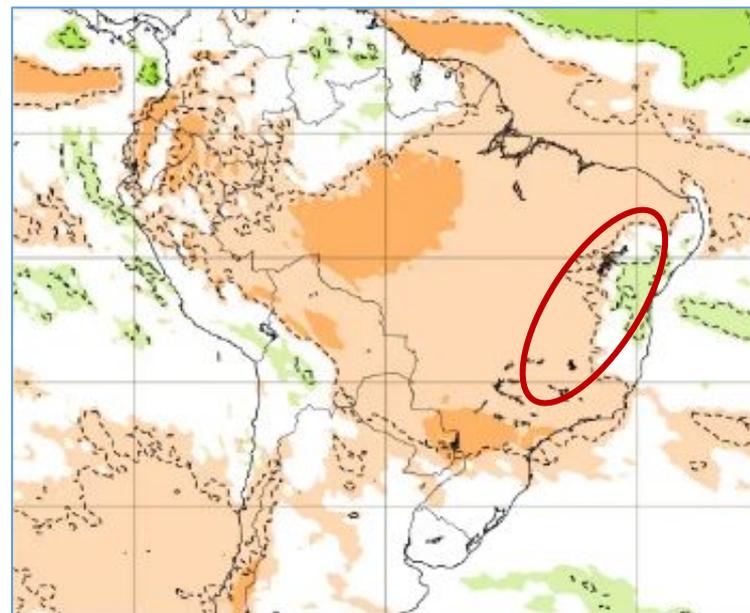
CFSv2 Accumulated Precip. Anomaly (mm)

Tendência para 3^a e 4^a semanas

19-26 Agosto

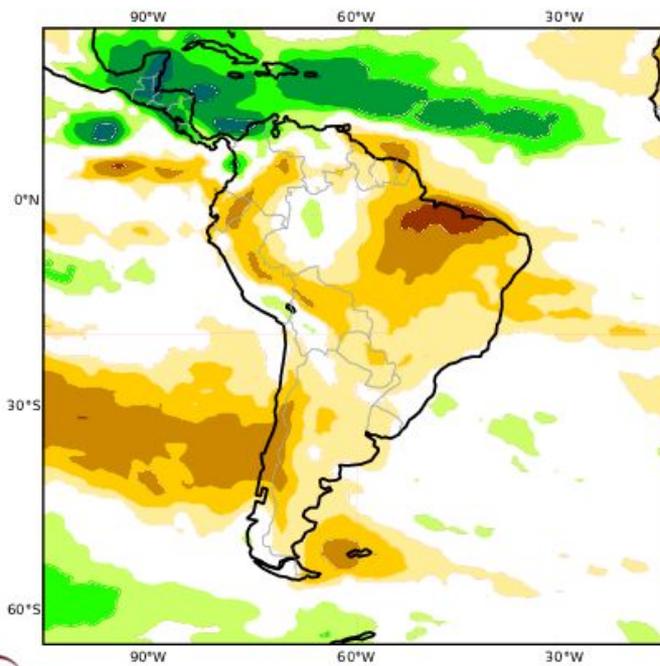


26 Ago -02 Set

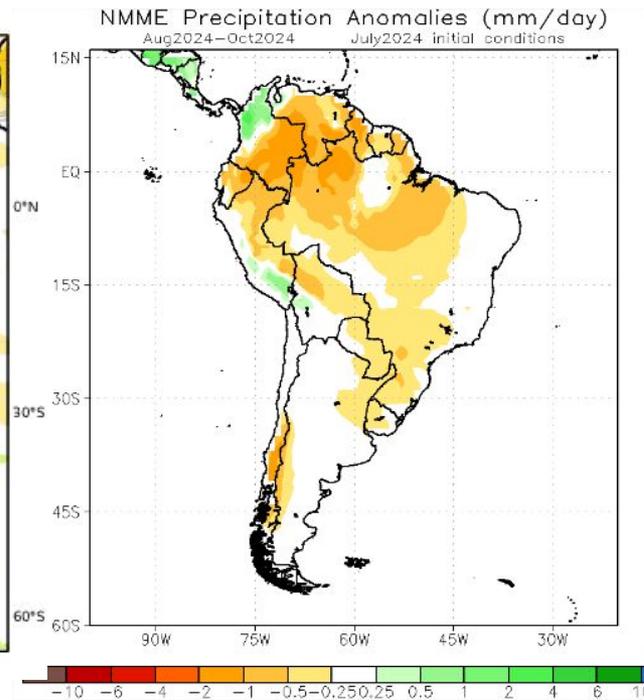




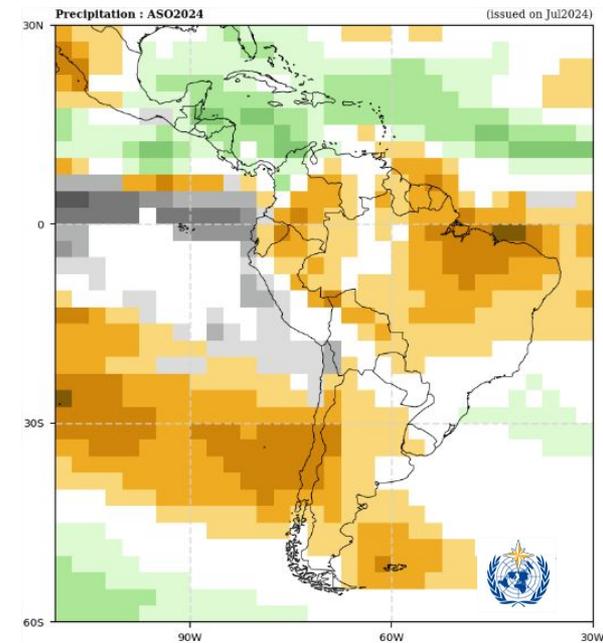
Previsão Sazonal de Chuva Multi-Modelo para ASO



Modelos Europeus



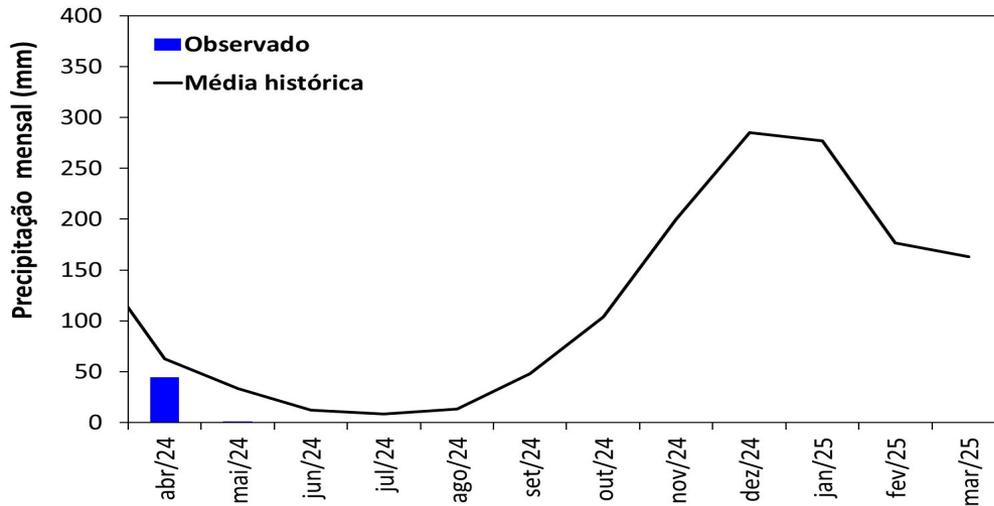
Modelos Americanos



Modelos da Organização
Meteorológica Mundial

Monitoramento UHE Três Marias

Precipitação



Estação Chuvosa - Out a Mar - 1205 mm

2022/2023: 1288 mm (107% da MLT)

2023/2024: 1057 mm (88% da MLT)

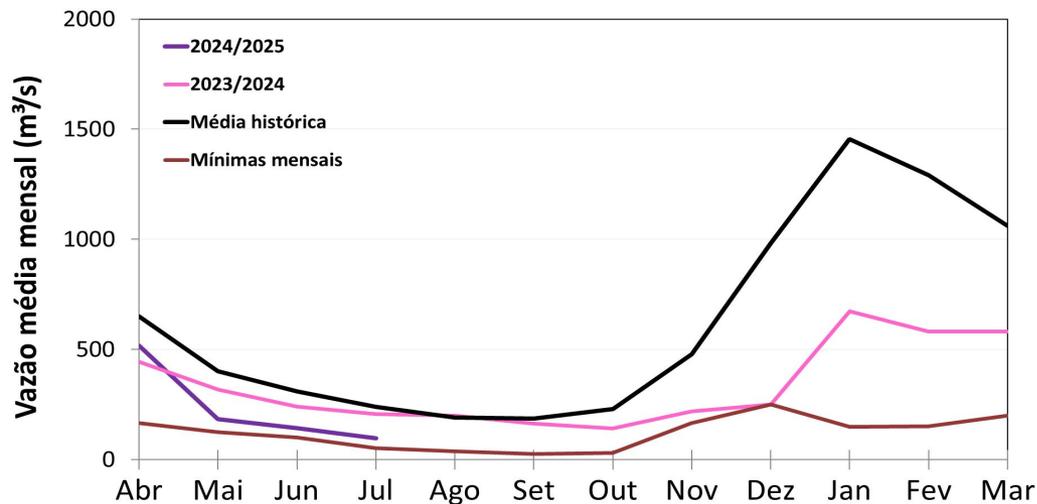
Estação Seca - Abr a Set - 178 mm

2023: 142 mm (79% da MLT)

2024*: 47 mm (39% da MLT PARCIAL)

Julho/24: 0,7 mm (MLT = 9 mm)

*Até 31/07/2024



Vazão

Estação Chuvosa - Nov a Abr - 986 m³/s

2022/2023: 1029 m³/s (104% da MLT)

2023/2024: 470 m³/s (48% da MLT)

Estação Seca - Maio a Out - 259 m³/s

2023: 211 m³/s (82% da MLT)

2024*: 124 m³/s (48% da MLT)

Julho/24: 96 m³/s (40% da MLT)

04/Ago/24: 71 m³/s (37% da MLT)

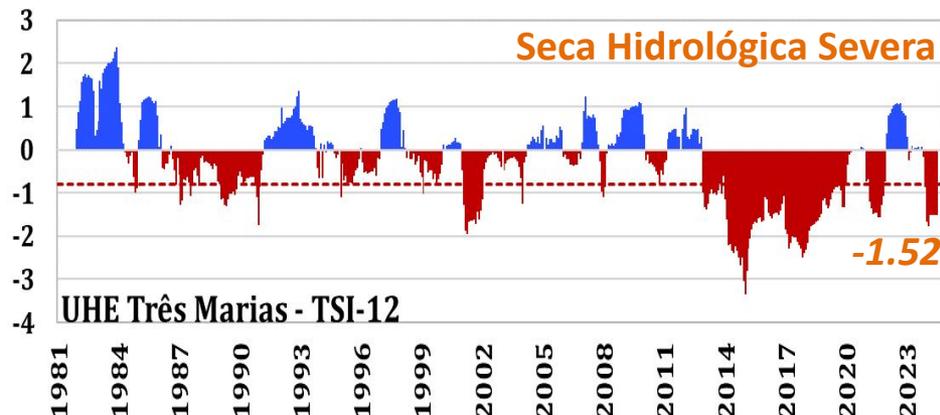
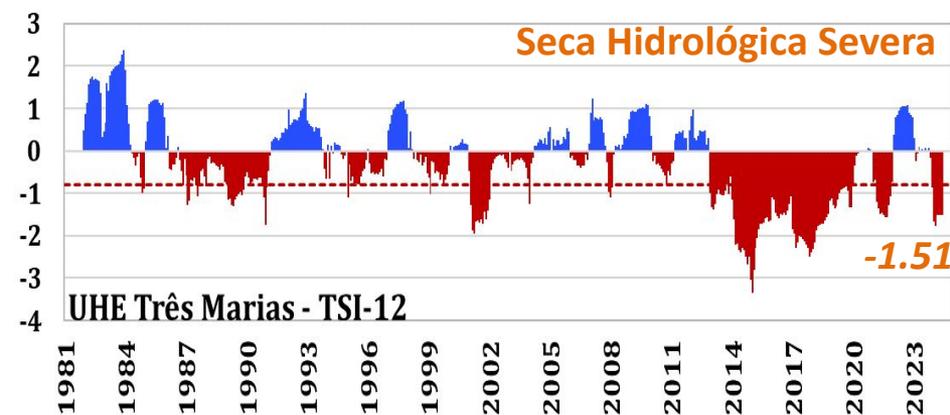
*Até 31/04/2024

Monitoramento UHE Três Marias

Índice Padronizado Bivariado (Chuva-Vazão) - TSI-12

Junho/2024

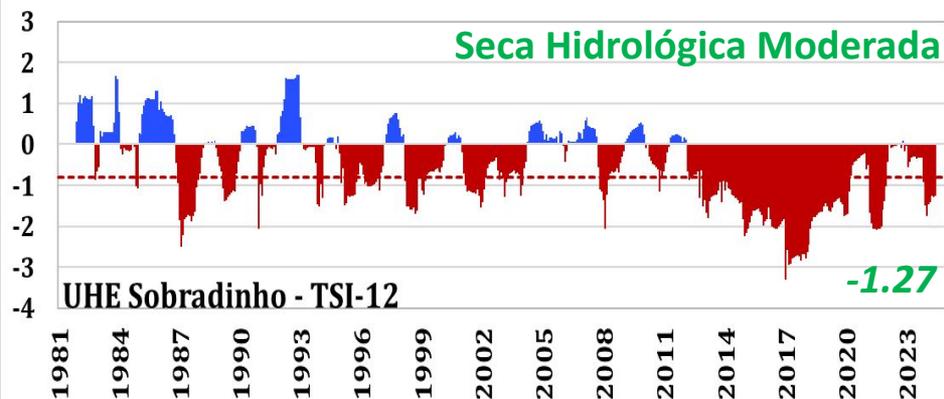
Julho/2024



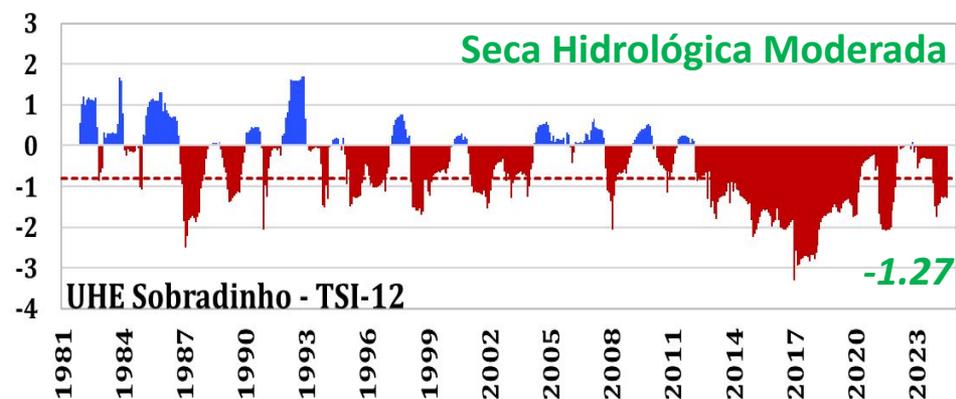
Monitoramento UHE Sobradinho

Índice Padronizado Bivariado (Chuva-Vazão) - TSI-12

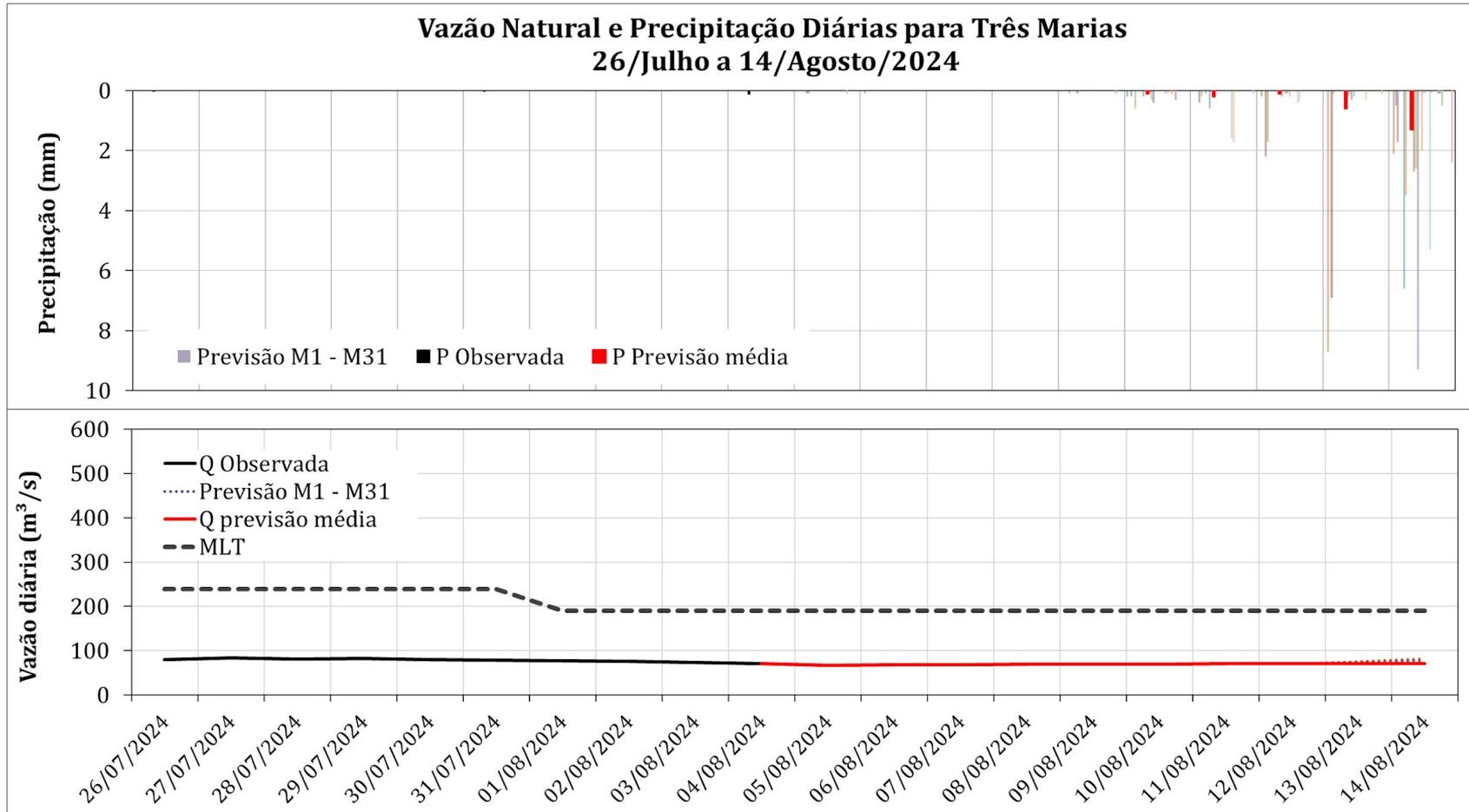
Junho/2024



Julho/2024



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



Dados **observados de precipitação** (barras pretas) para o período 26/07 a 04/08 e **previsão** para o período de 05 a 14/08/24.

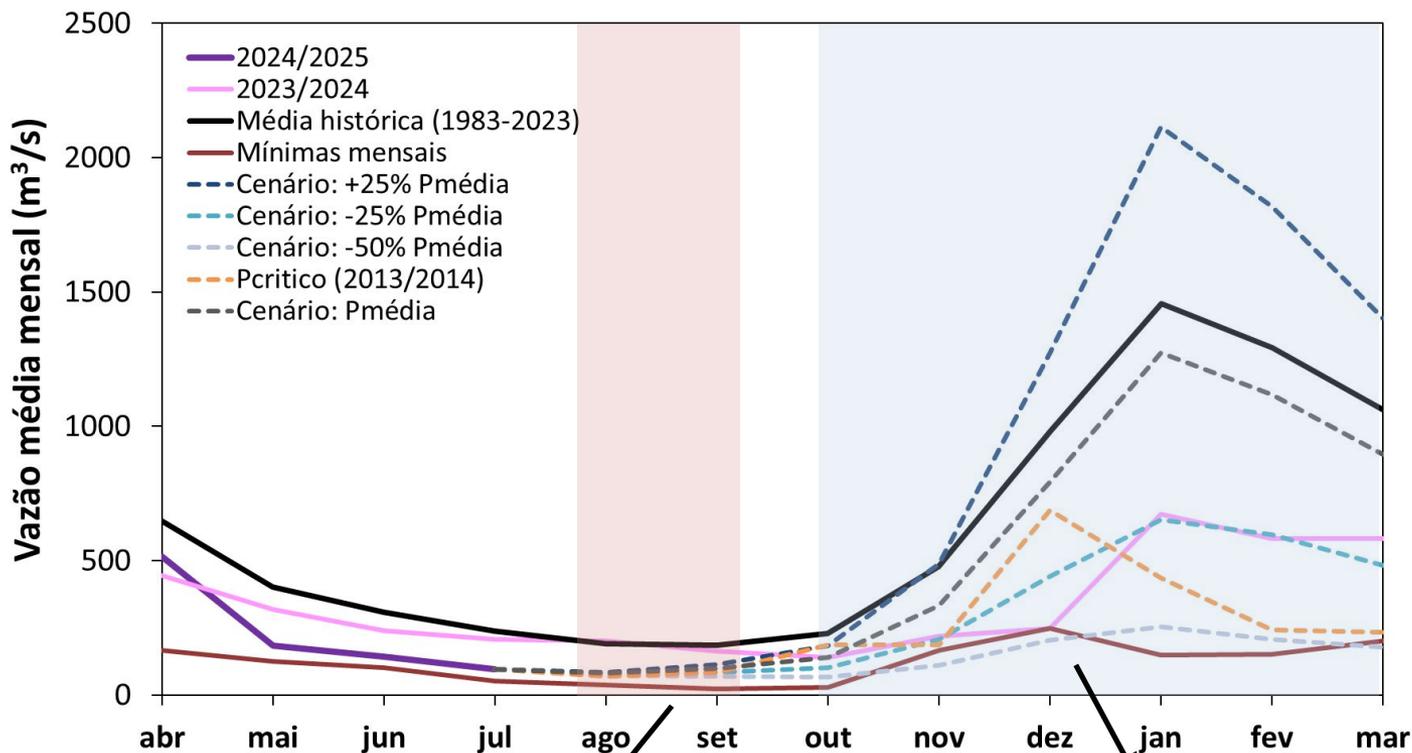
Dados **observados de vazão** (linha preta) para o período 26/07 a 04/08 e **previsão** para o período de 05 a 14/08/24.

As barras coloridas correspondem às previsões da chuva para os 31 membros GEFS/NOAA e à média destes membros.

As linhas coloridas representam os membros de previsão de vazão.

Previsão média para os próximos 10 dias: 69 m³/s
36% da MLT de Agosto (191 m³/s)

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



Ago-Set (Meses secos)

MLT: 188 m³/s

Vazão	%
100 m³/s	53%
90 m³/s	48%
80 m³/s	43%
76 m³/s	41%

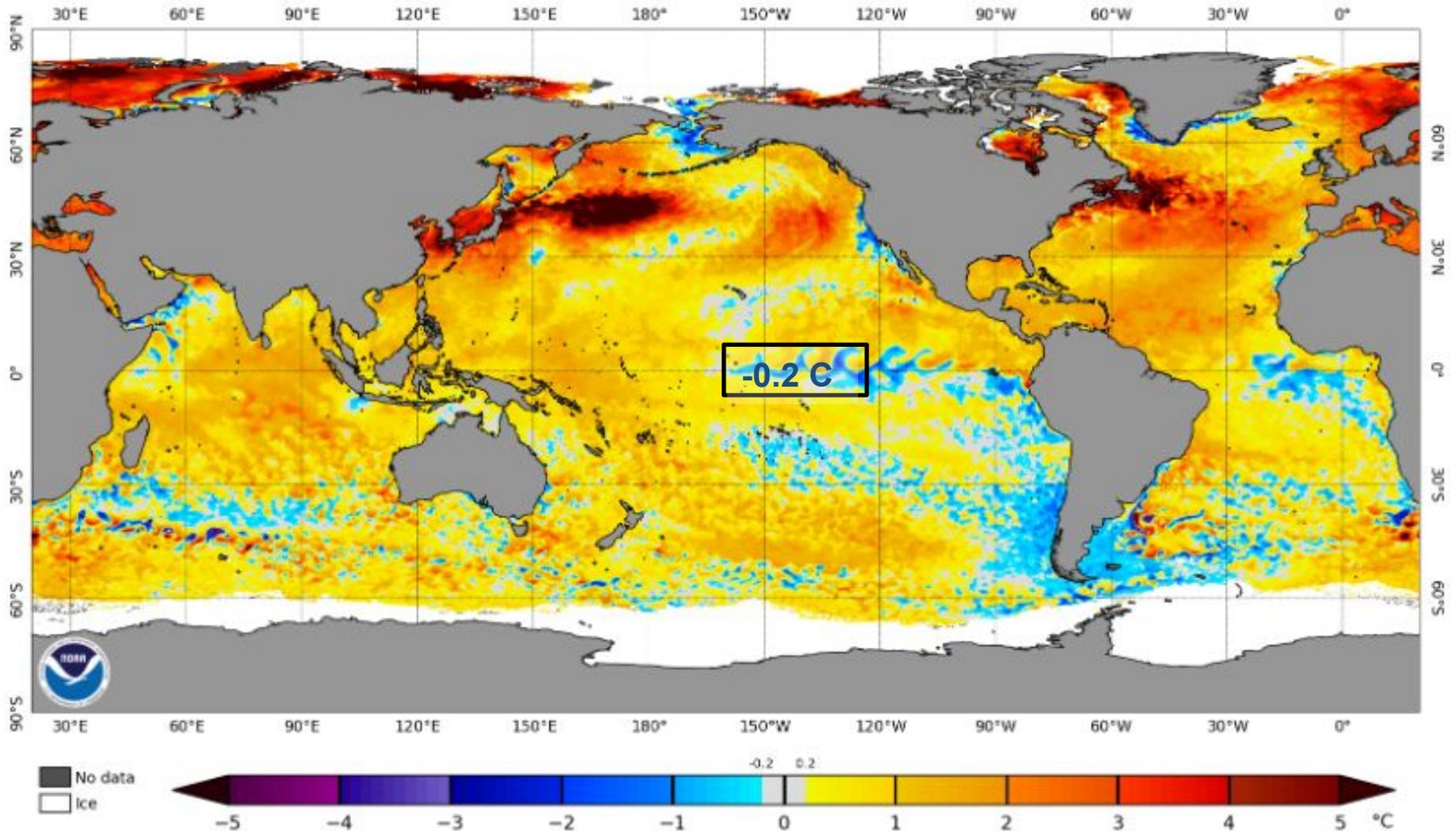
Out-Mar (Meses chuvosos)

MLT: 917 m³/s

Vazão	%
1214 m³/s	132%
759 m³/s	83%
414 m³/s	45%
329 m³/s	36%

Status Atual: **La Niña Watch**

NOAA Coral Reef Watch Daily 5km SST Anomalies (v3.1) 4 Aug 2024

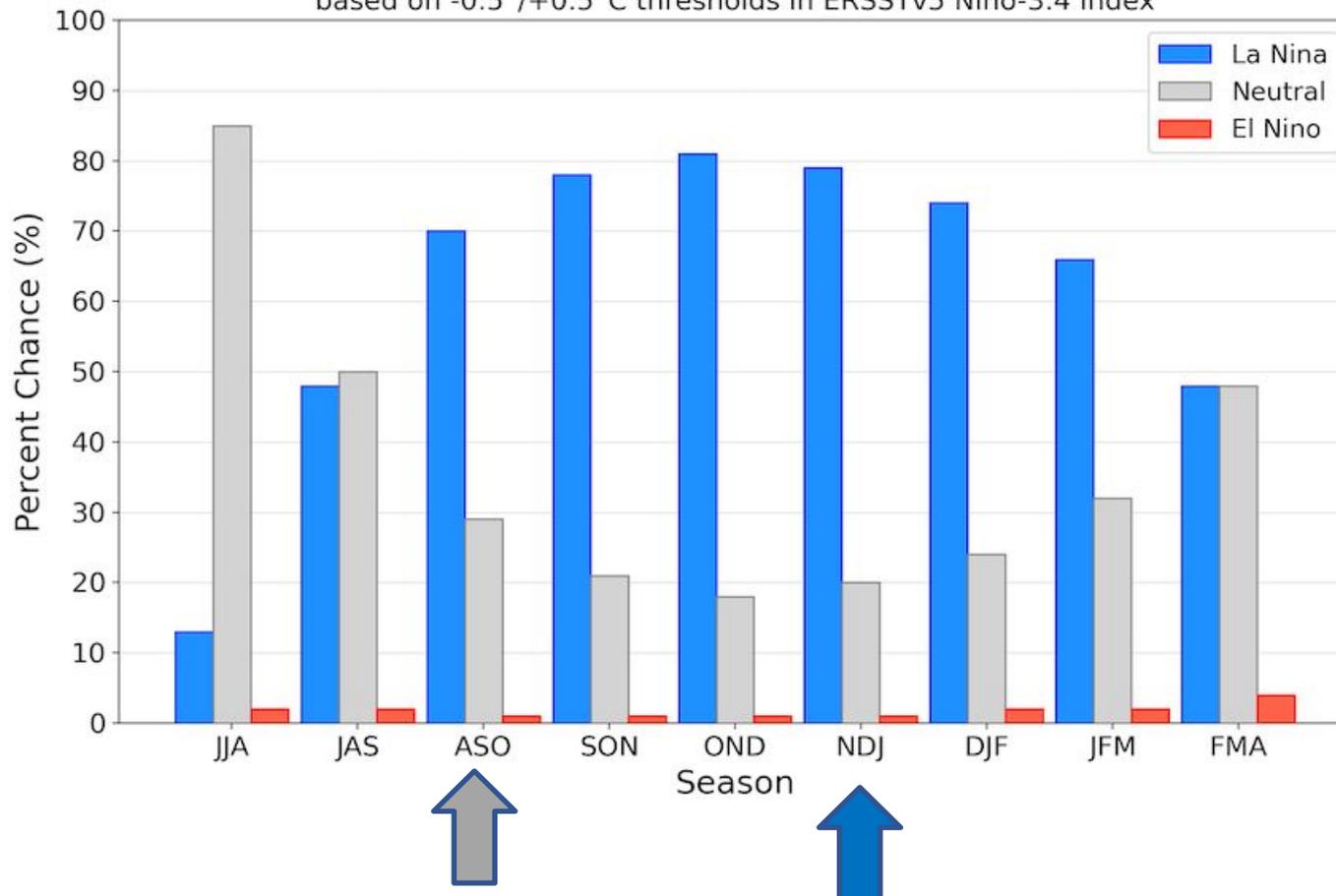




Previsão do “ENSO”

Official NOAA CPC ENSO Probabilities (issued July 2024)

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



La Niña: anomalías

COLD EPISODE RELATIONSHIPS DECEMBER - FEBRUARY

