

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

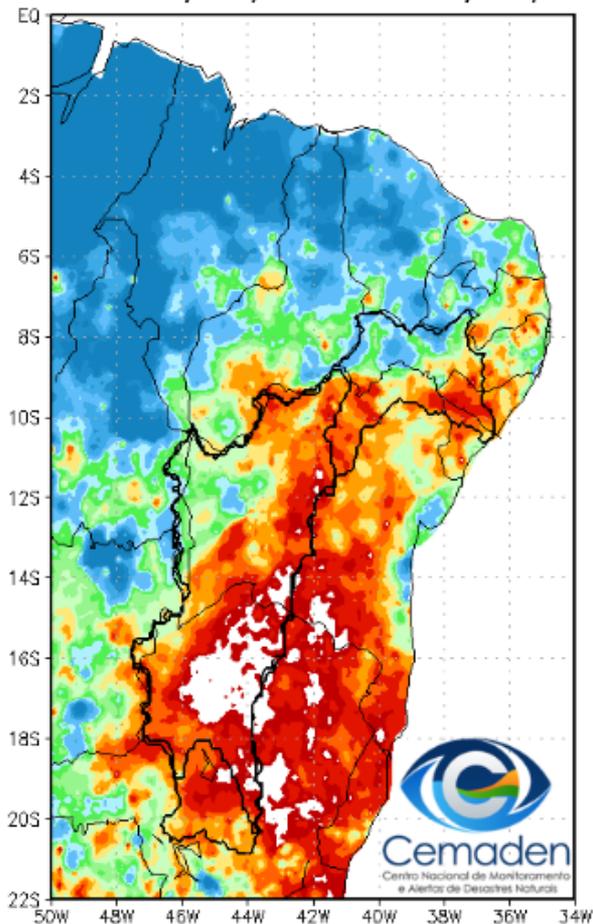


Cemaden
Centro Nacional de Monitoramento
e Alertas de Desastres Naturais

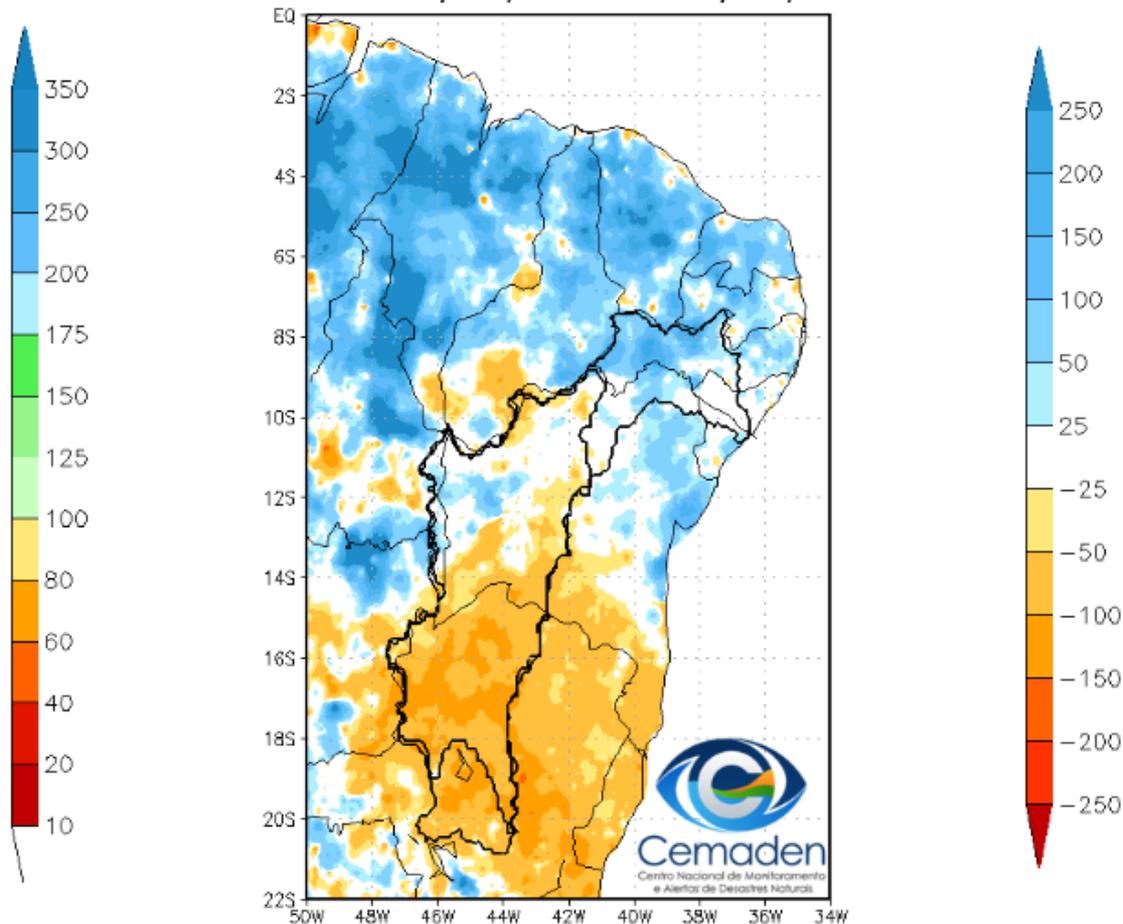
04 de Abril de 2023

Chuva dos últimos 30 dias

Precipitacao Acumulada (mm) A.S.
Período: 04/03/2023 a 03/04/2023

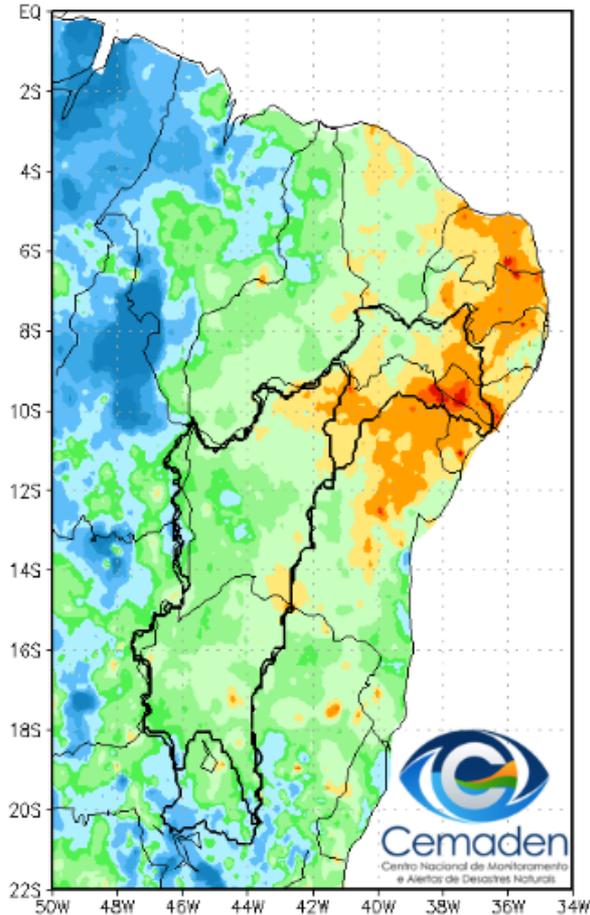


Anomalia de Precipitacao (mm) A.S.
Período: 04/03/2023 a 03/04/2023

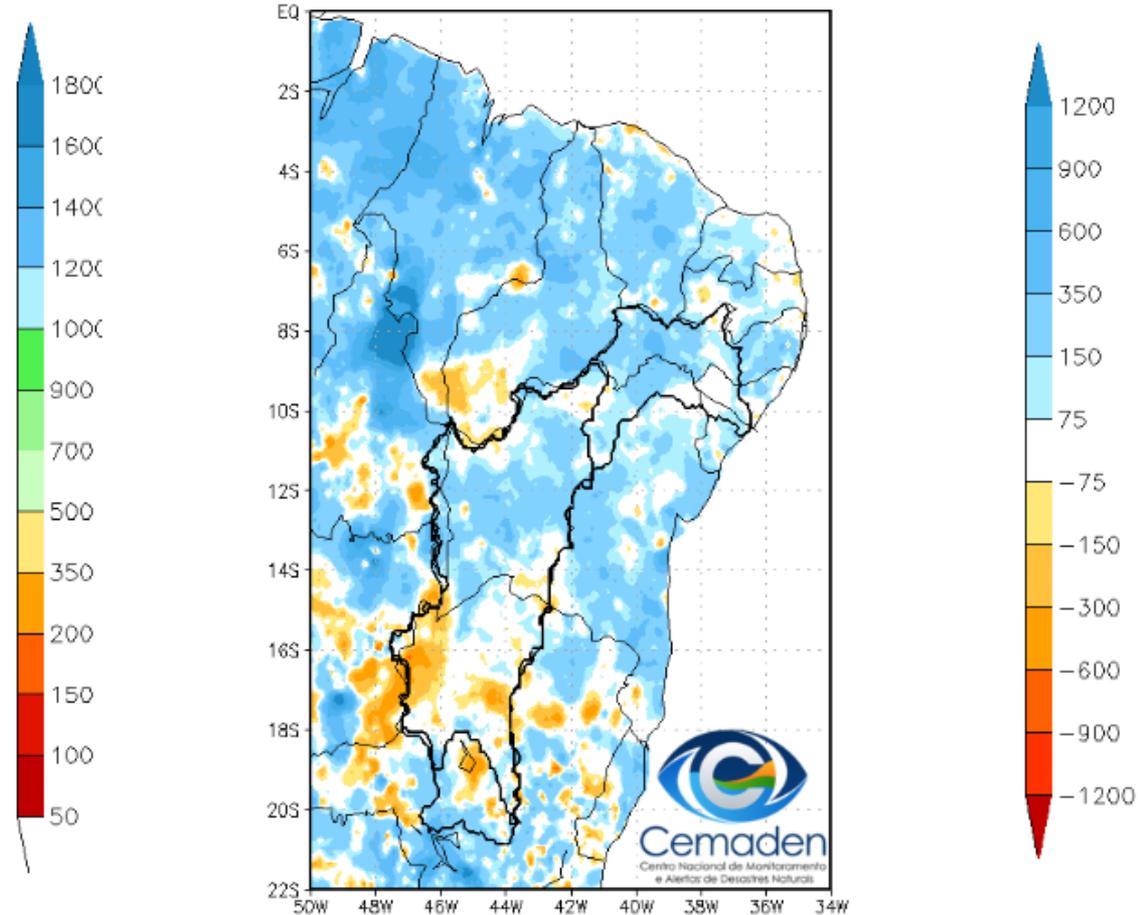


Chuva no ano hidrológico

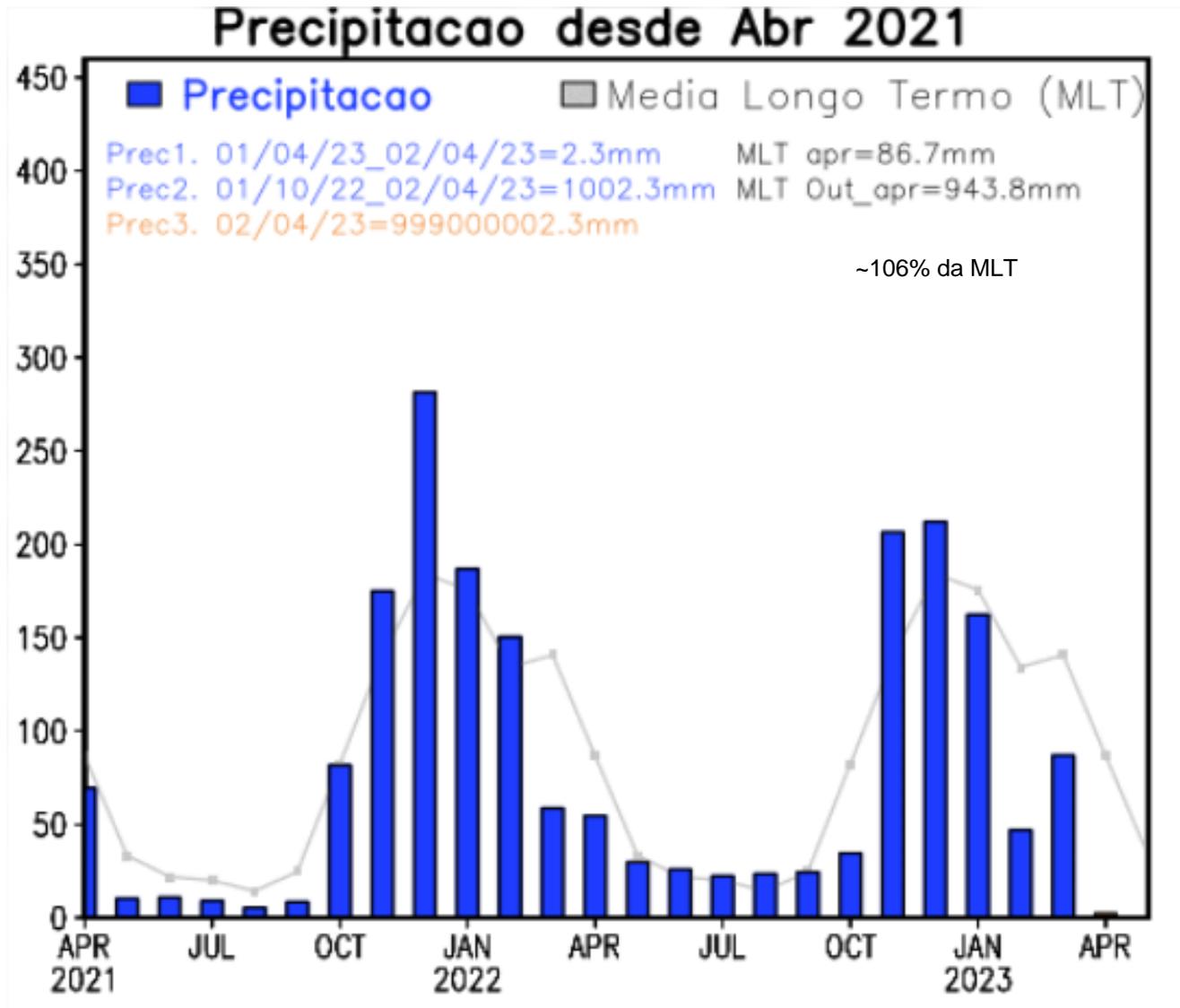
Precipitacao Acumulada (mm) A.S.
Período: 01/10/2022 a 03/04/2023



Anomalia de Precipitacao (mm) A.S.
Período: 01/10/2022 a 03/04/2023

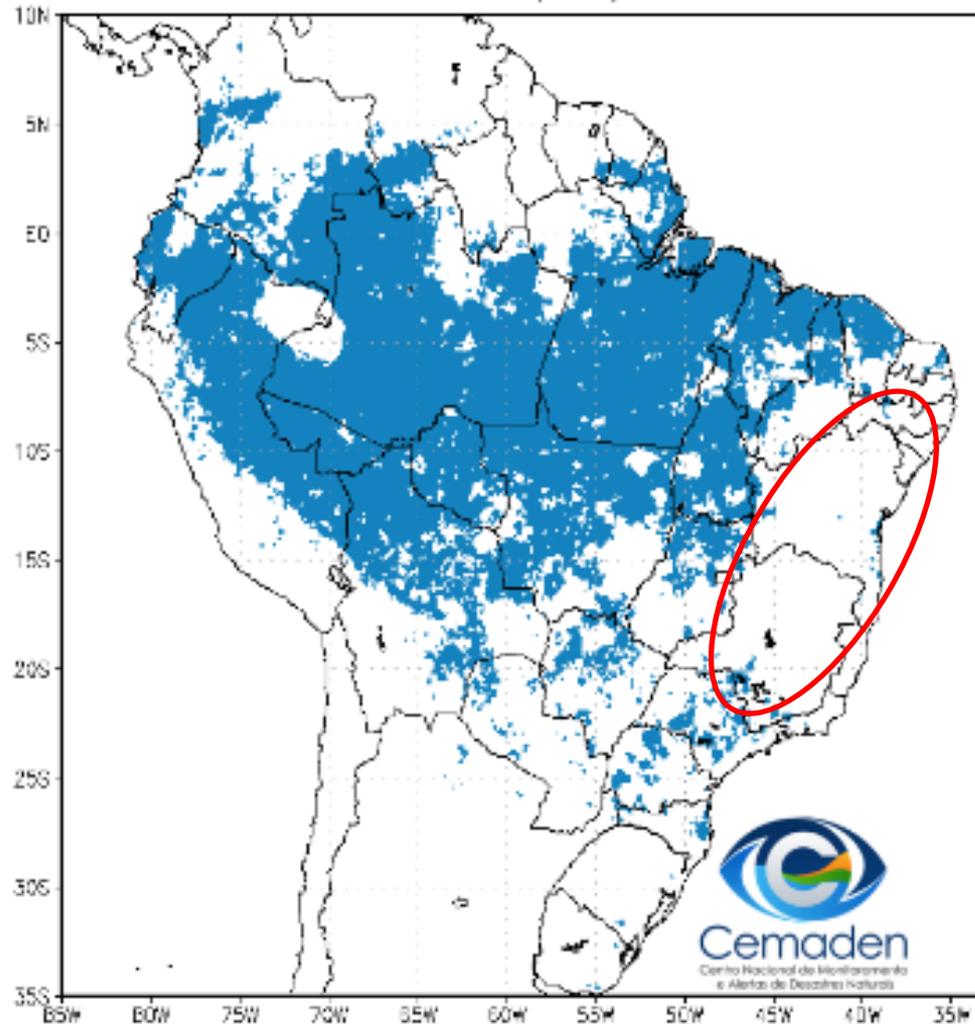


Bacia do rio São Francisco

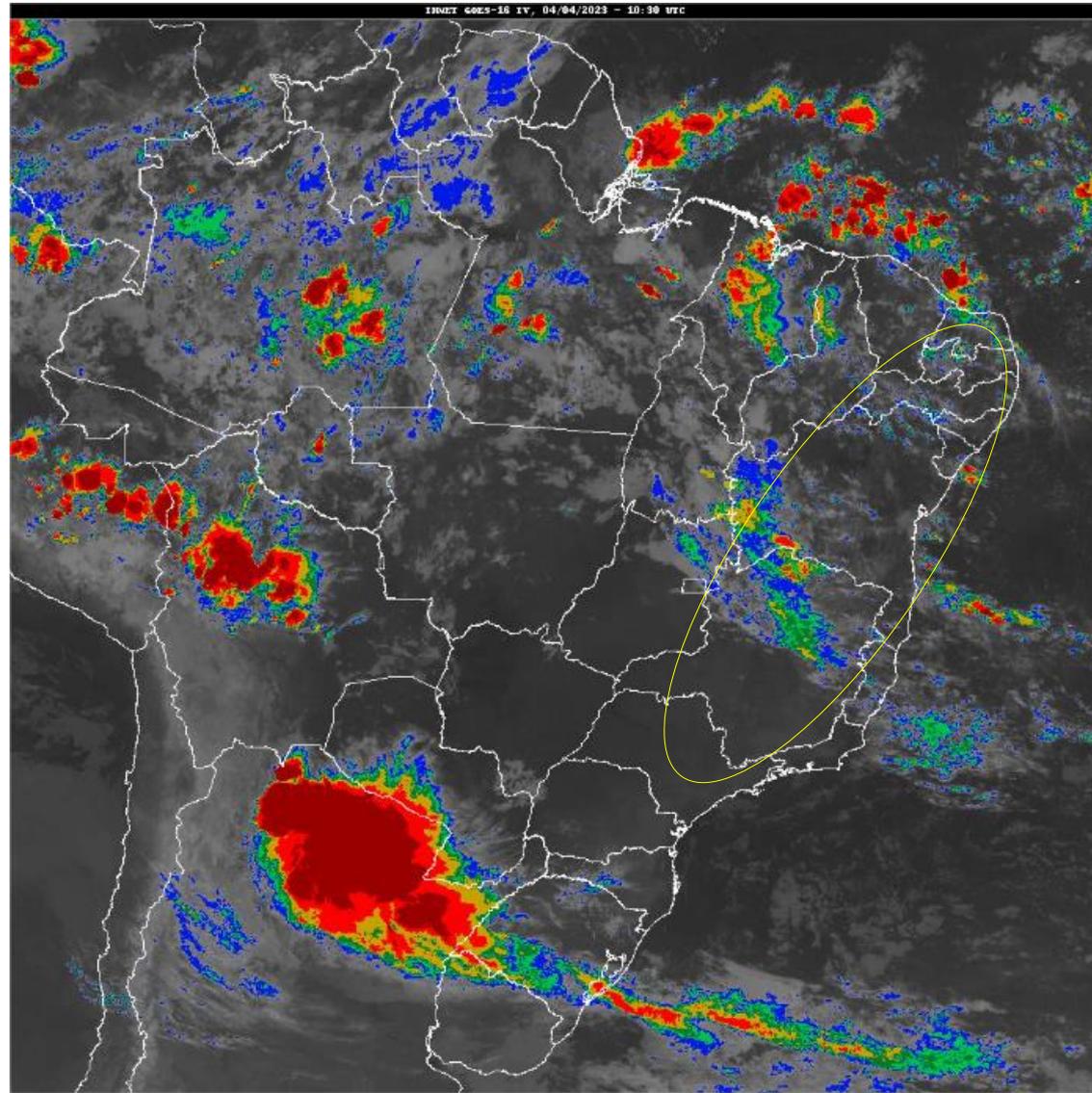


Situação da Estação Chuvosa

Precipitação Inferior 2 mm/dia por 4 de 5 dias
Período: 03/04/2023



Situação meteorológica atual



-15°

-25°

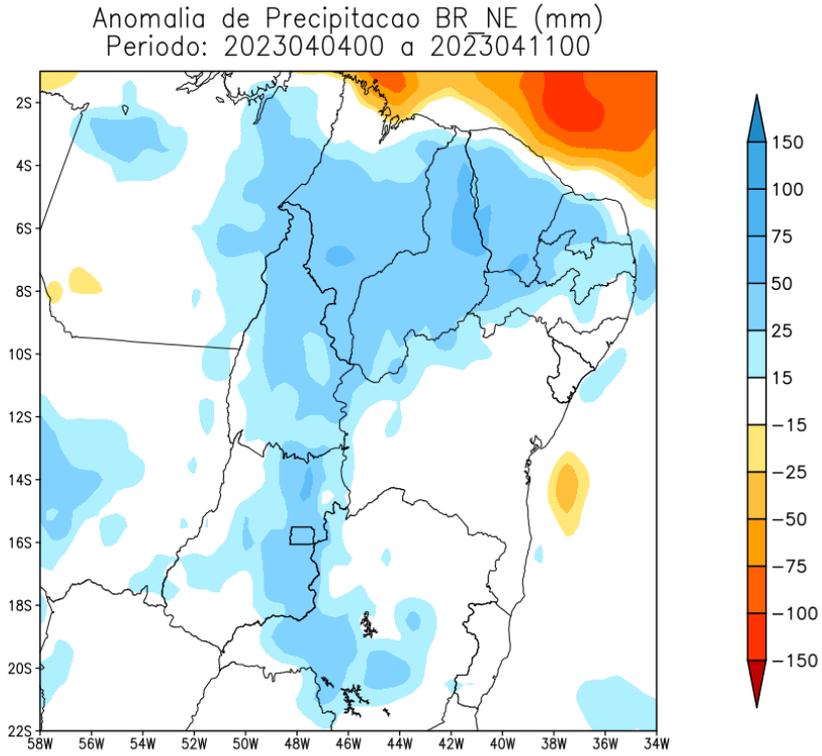
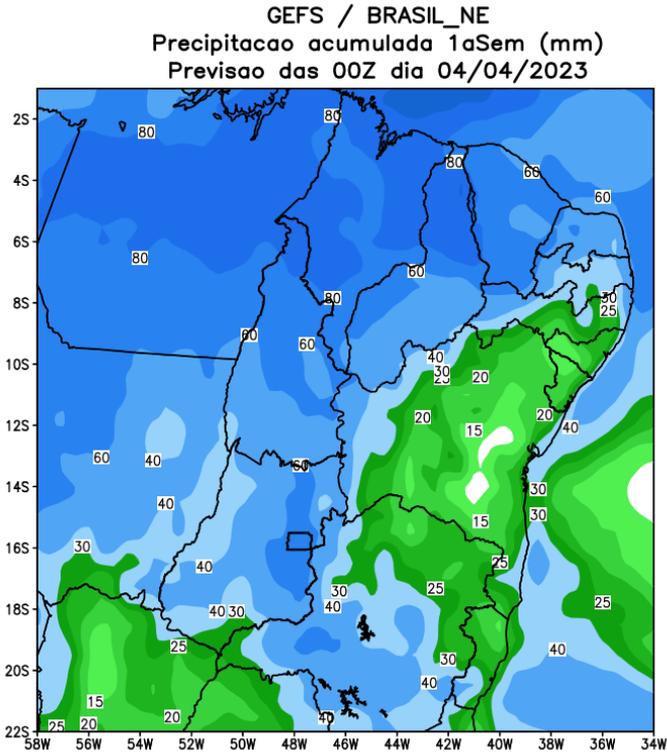
-35°

-45°

-55°

-70°

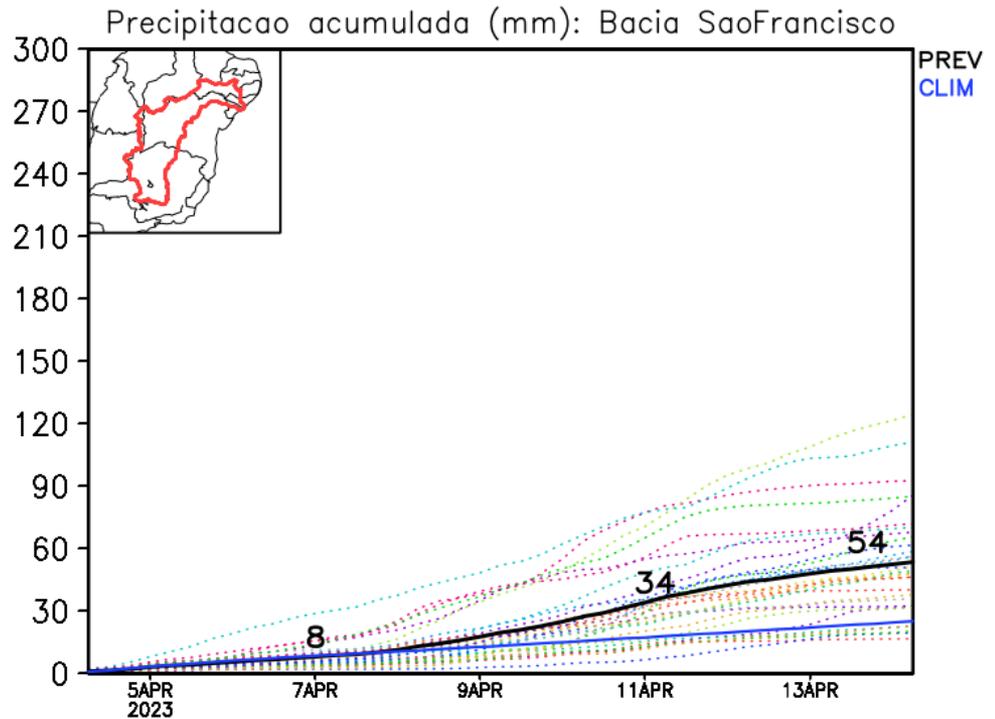
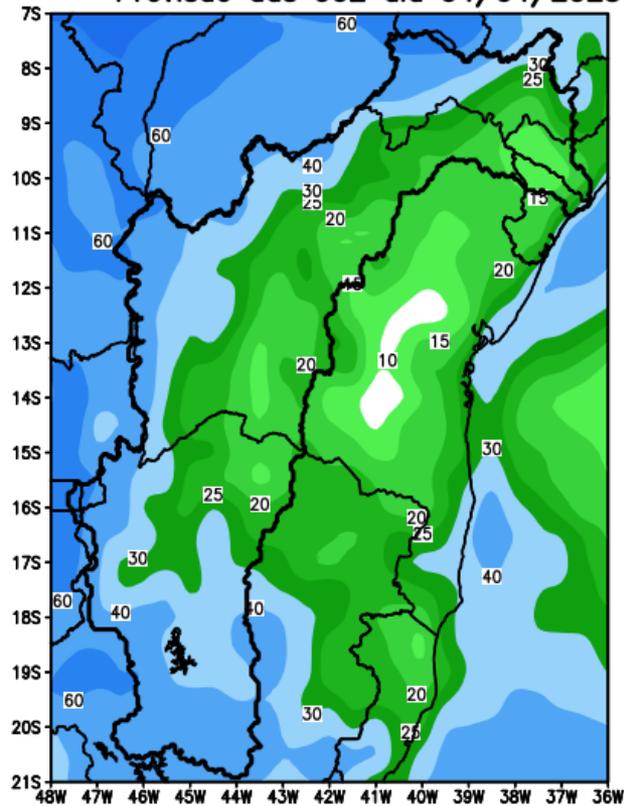
Previsão de chuva próximos 7 dias



Fonte: GEFS/NOAA

Bacia do rio São Francisco

GEFS / Bacia do Rio Sao Francisco
Precipitacao acumulada em 7 dias (mm)
Previsao das 00Z dia 04/04/2023

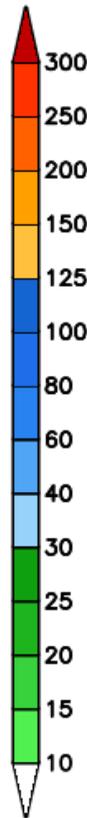
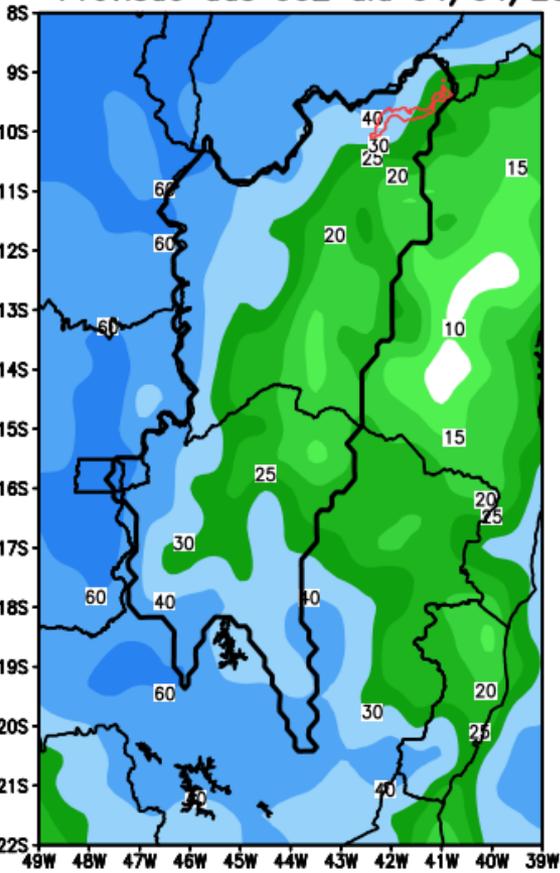


Bacia de Sobradinho

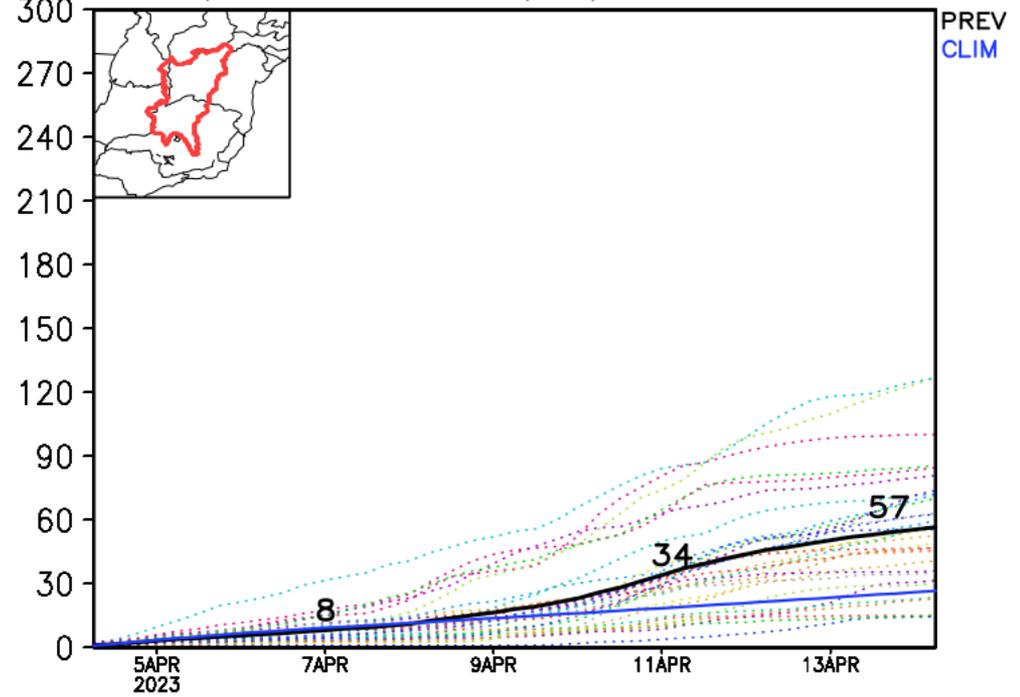
GEFS / Sobradinho

Precipitacao acumulada em 7 dias (mm)

Previsao das 00Z dia 04/04/2023

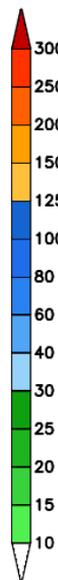
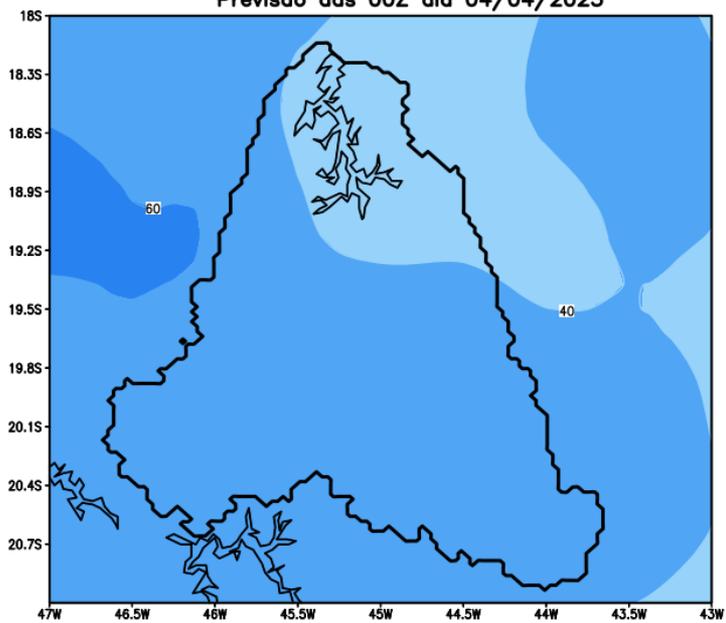


Precipitacao acumulada (mm): Bacia Sobradinho

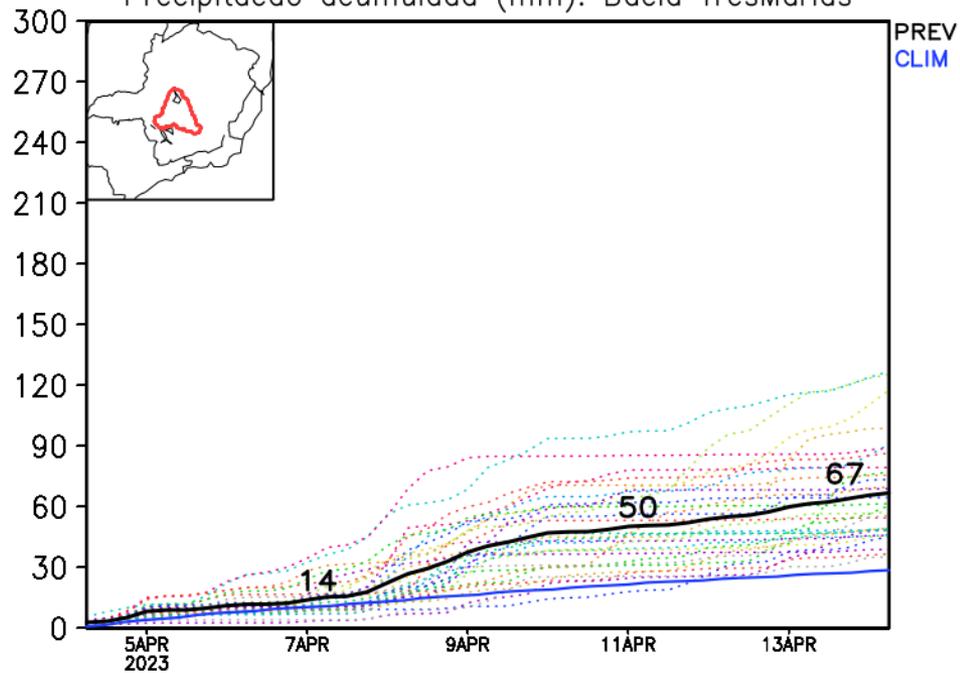


Bacia de Três Marias

GEFS / Tres Marias
Precipitacao acumulada em 7 dias (mm)
Previsao das 00Z dia 04/04/2023

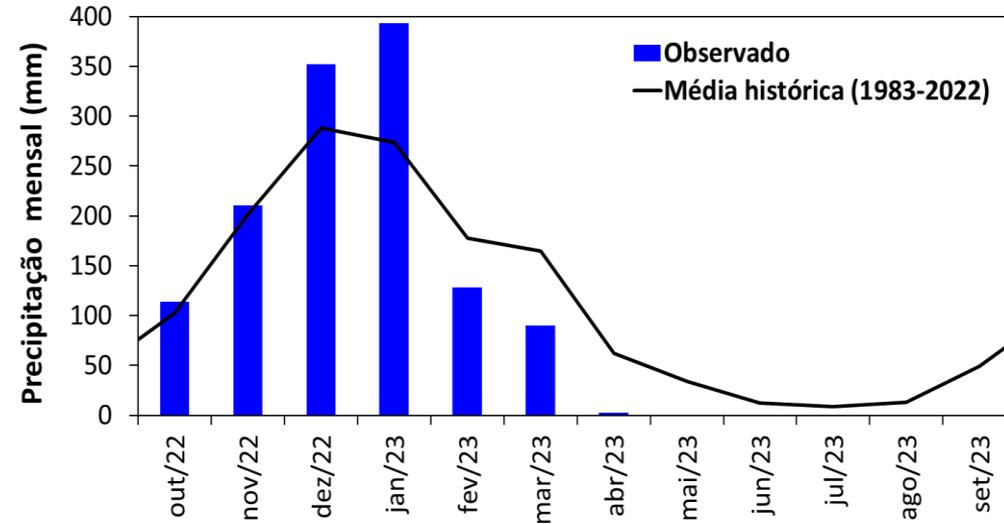


Precipitacao acumulada (mm): Bacia TresMarias



Monitoramento UHE Três Marias

Precipitação



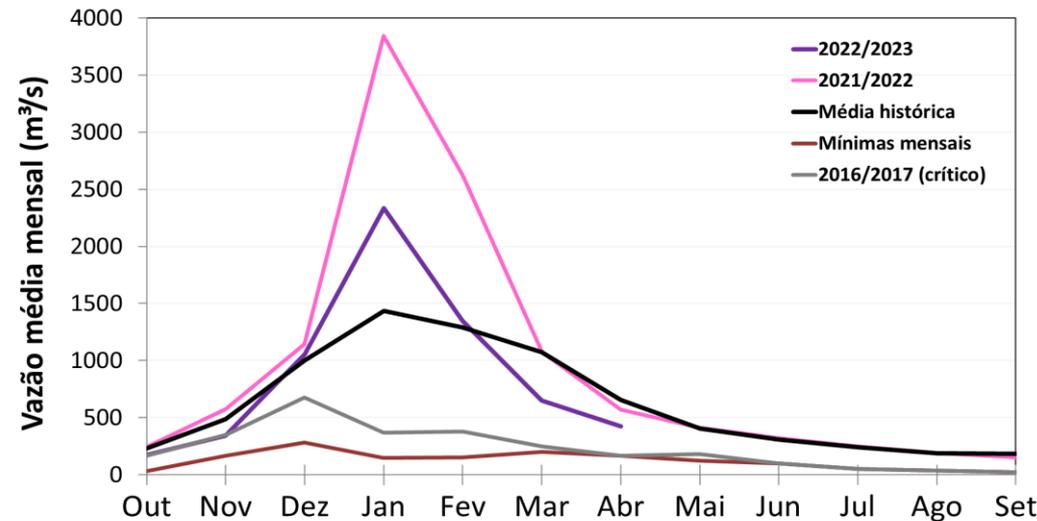
Estação Chuvosa - Out a Mar - 1209 mm
 2021/2022: 1592 mm (**132% da média histórica**)
 2022/2023: 1288 mm (**106 da media histórica**)

Estação Seca - Abr a Set – 179 mm
 2021: 34 mm (**19% da média histórica**)
 2022: 116 mm (**64% da média histórica**)

Mar/23: 90 mm (55% da média histórica)
Abr/23*: 2,4 mm (Média histórica = 62 mm)

*Até 02/04/2023

Vazão

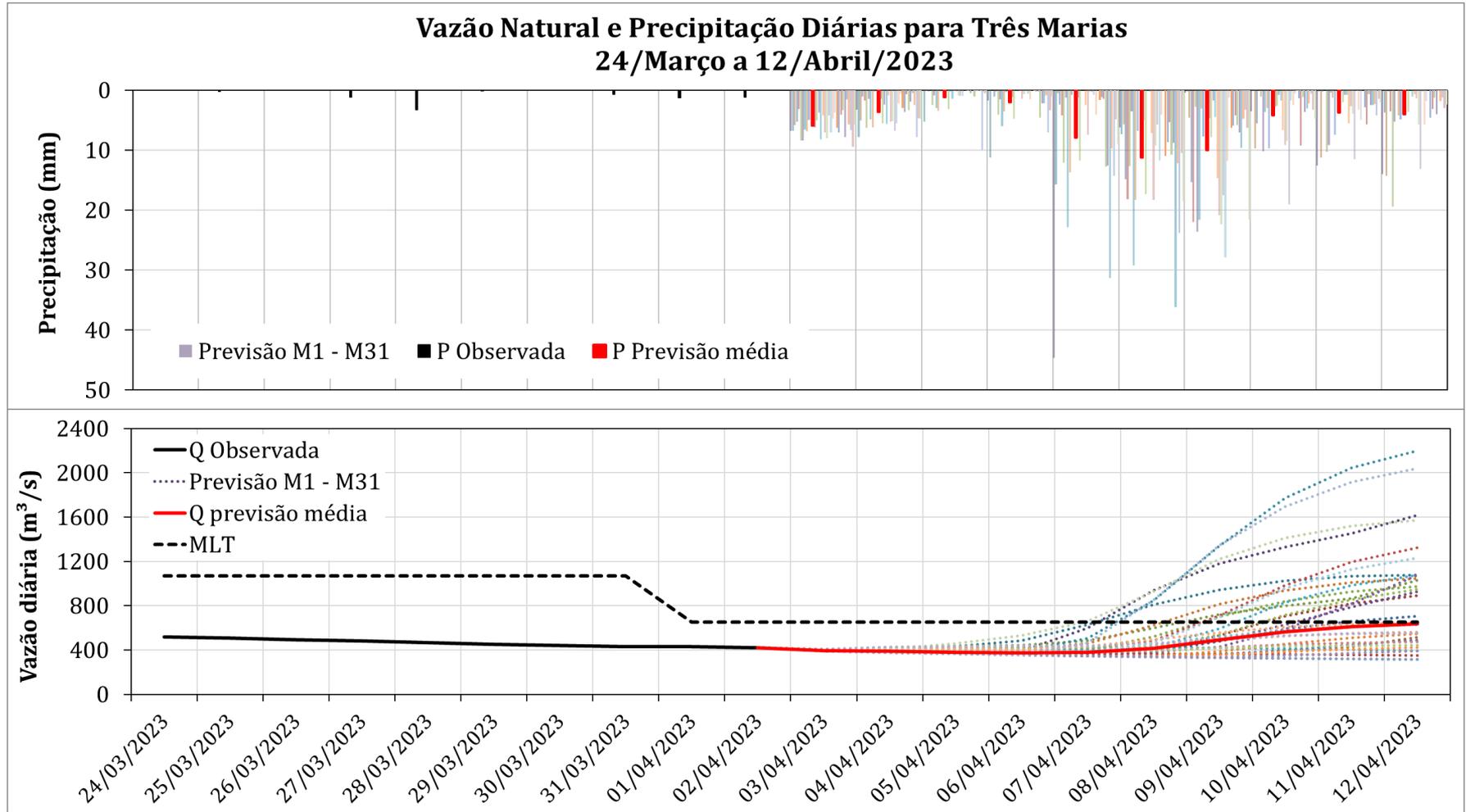


Estação Chuvosa - Nov a Abr - 989 m³/s
 2021/2022: 1639 m³/s (**166% da MLT**)
 2022/2023: 1026 m³/s (**104% da MLT**)

Estação Seca - Maio a Out – 260 m³/s
 2021: 136 m³/s (**52% da MLT**)
 2022*: 250 m³/s (**96% da MLT**)

Mar/23: 651 m³/s (61% da MLT)
02/Abril/23: 423 m³/s (65% da MLT)

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

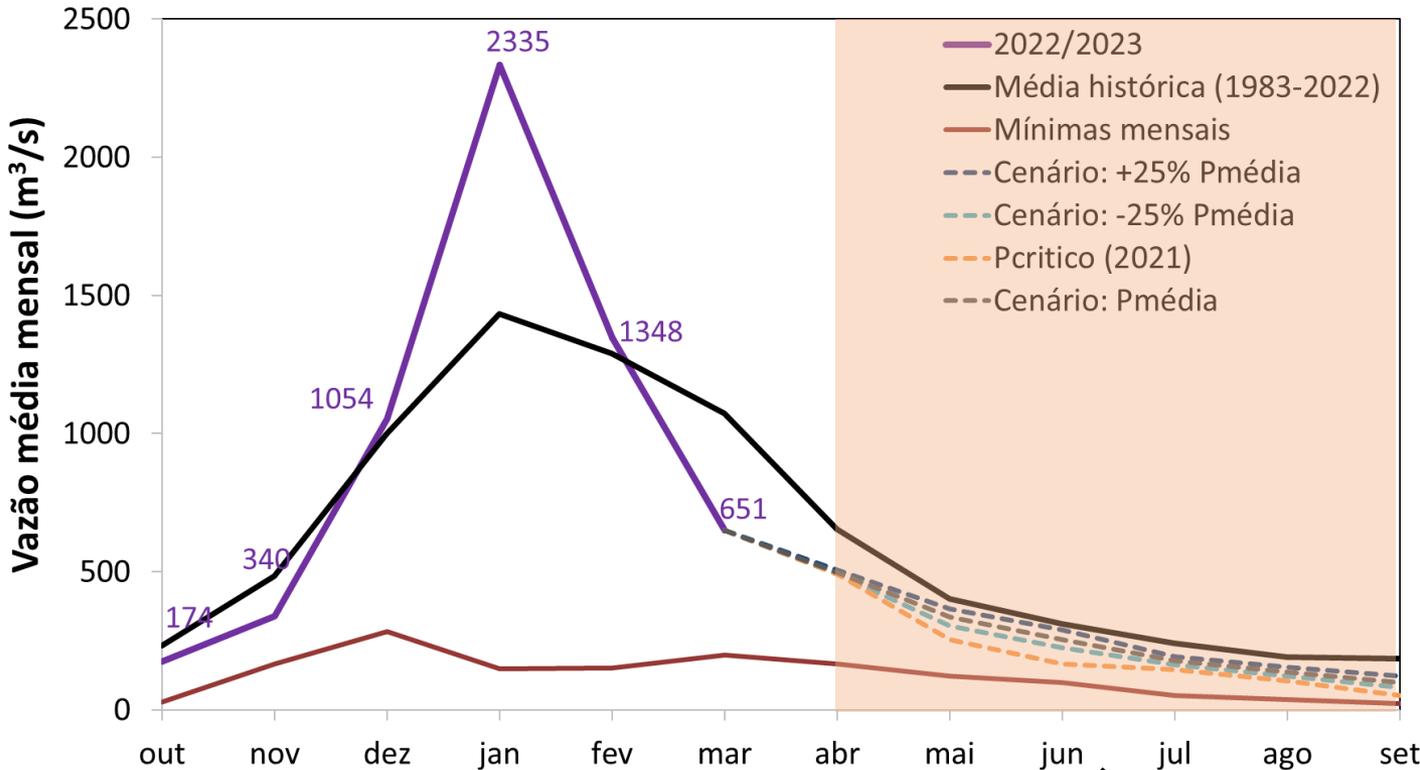


Dados **observados de precipitação** (barras pretas) para o período 24/03 a 02/04 e **previsão** para o período de 03 a 12/04
Dados **observados de vazão** (linha preta) para o período 24/03 a 02/04 e **previsão** para o período de 03 a 12/04
As barras coloridas correspondem às previsões da chuva para 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: 465 m³/s
Valor inferior a MLT de Abril (654 m³/s)

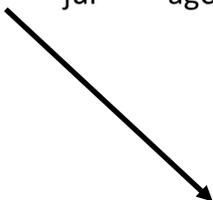
UHE Três Marias: Projeções de Vazão (modelo PDM/CEMADEN)

UHE Três Marias - Rio São Francisco
 Previsão: 03 a 12/Abr- Projeções: 13/Abr a 30/Set/23



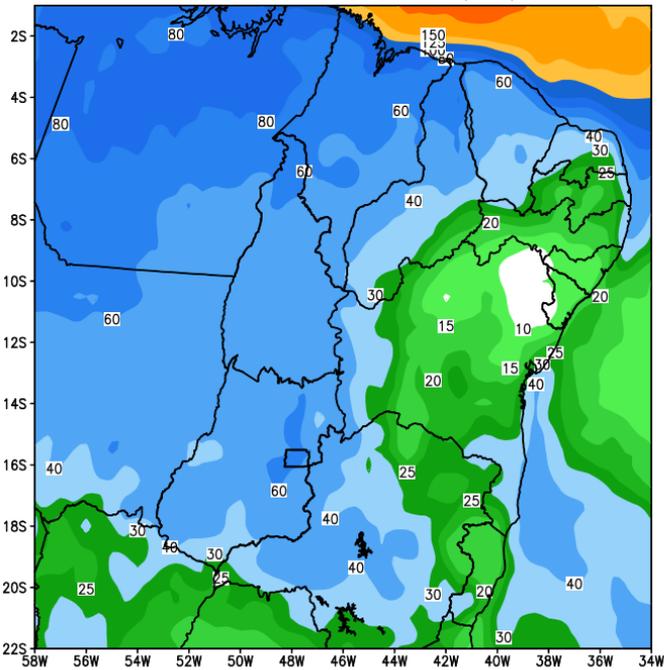
Abril-Setembro
MLT: 331 m³/s

Vazão	% MLT
272 m³/s	82%
251 m³/s	75%
231 m³/s	70%
203 m³/s	61%

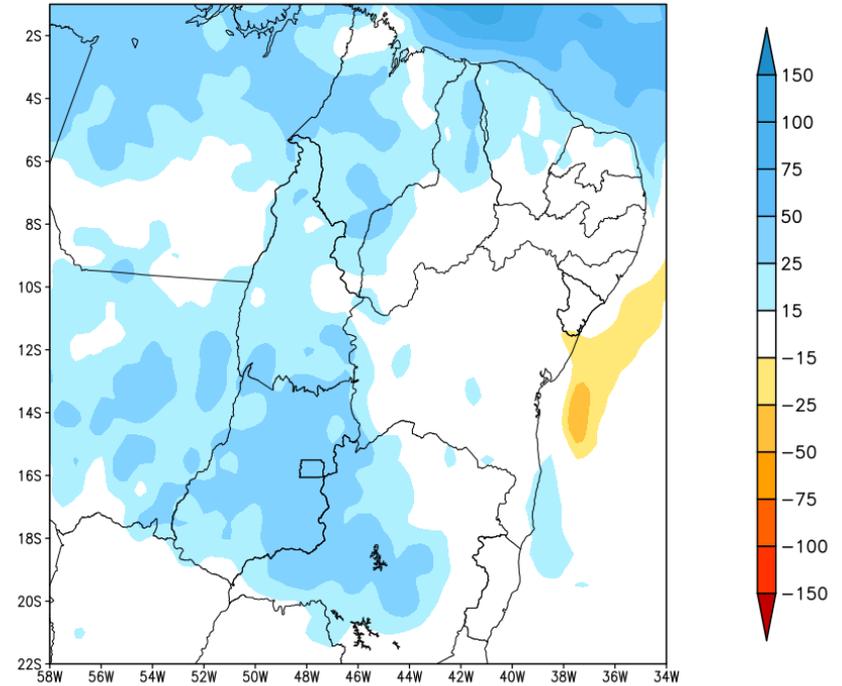


Tendência para a 2a semana

GEFS / BRASIL_NE
Precipitacao acumulada 2aSem (mm)
Previsao das 00Z dia 04/04/2023



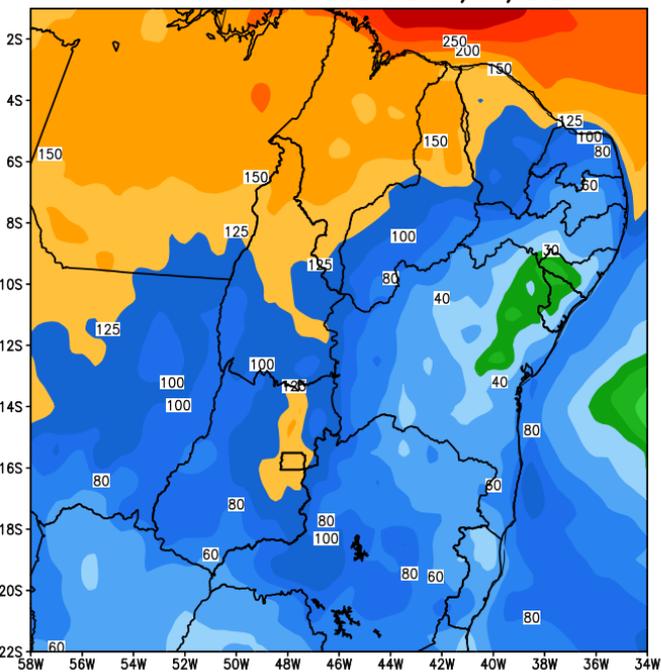
Anomalia de Precipitacao BR NE (mm)
Periodo: 2023041200 a 2023041800



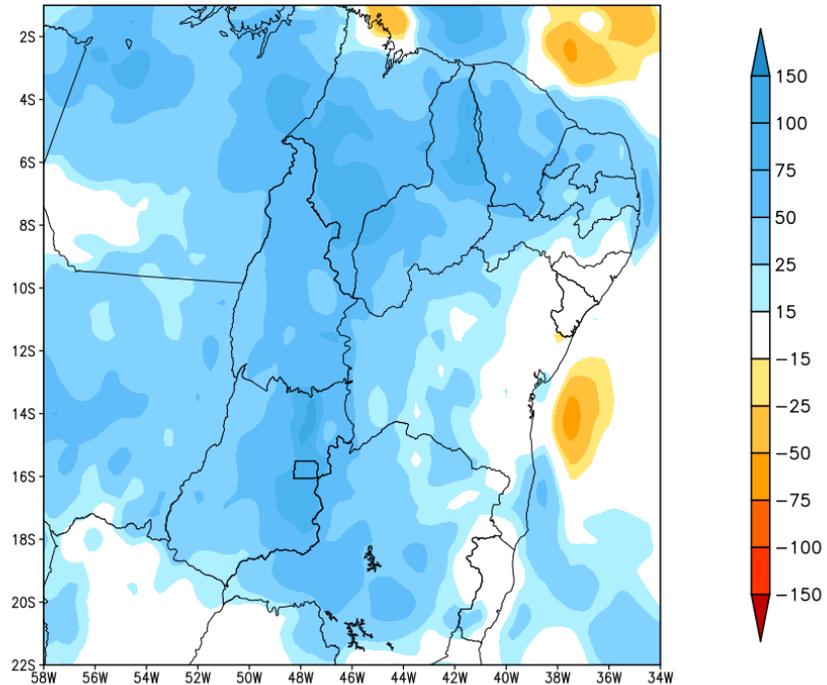
Modelo GFS/NOAA

Tendência para as duas próximas semanas

GEFS / BRASIL_NE
Precipitacao acumulada 14dias (mm)
Previsao das 00Z dia 04/04/2023



Anomalia de Precipitacao BR_NE (mm)
Periodo: 2023040400 a 2023041800



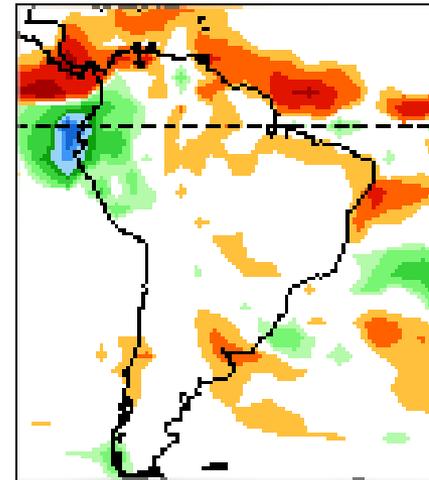
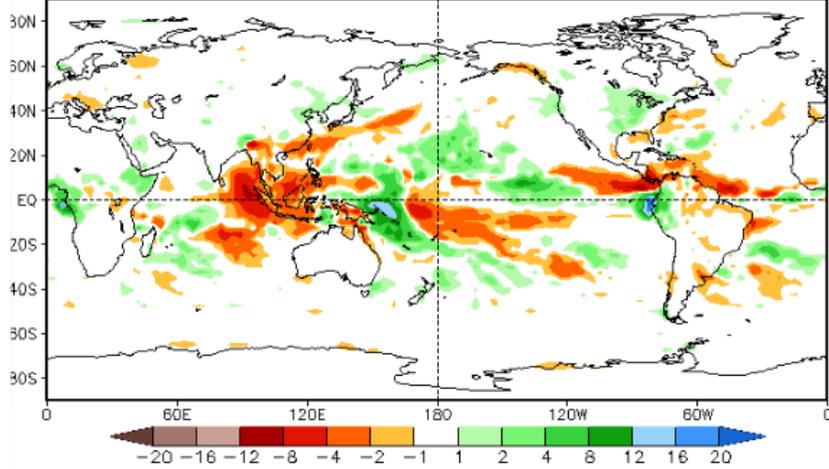
Modelo GFS/NOAA

Tendência 3a e 4a semanas

16 Member Ensemble Mean Forecast from 03Apr2023

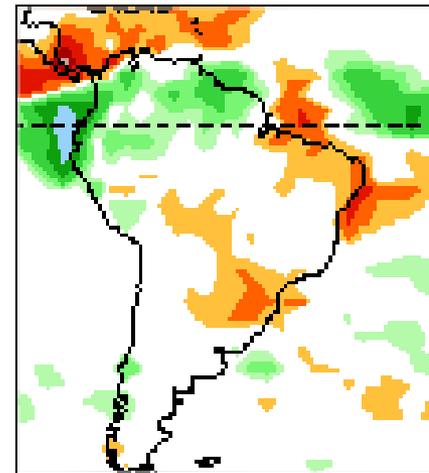
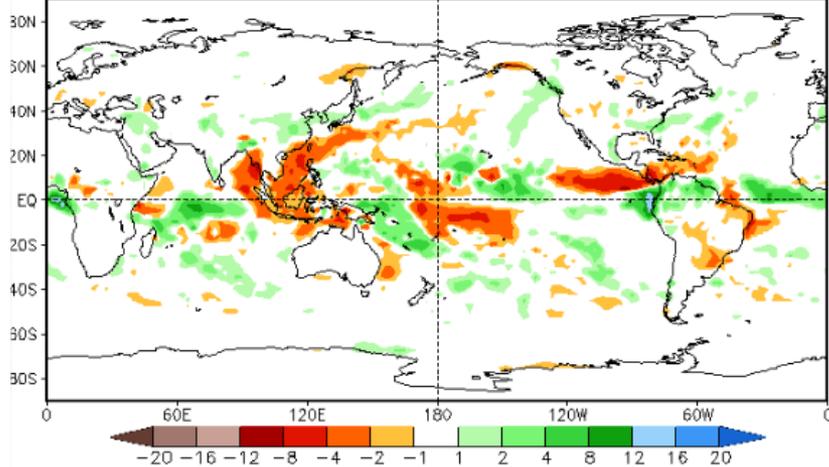
Week 3 Anomalies (mm/day)

18Apr2023–24Apr2023



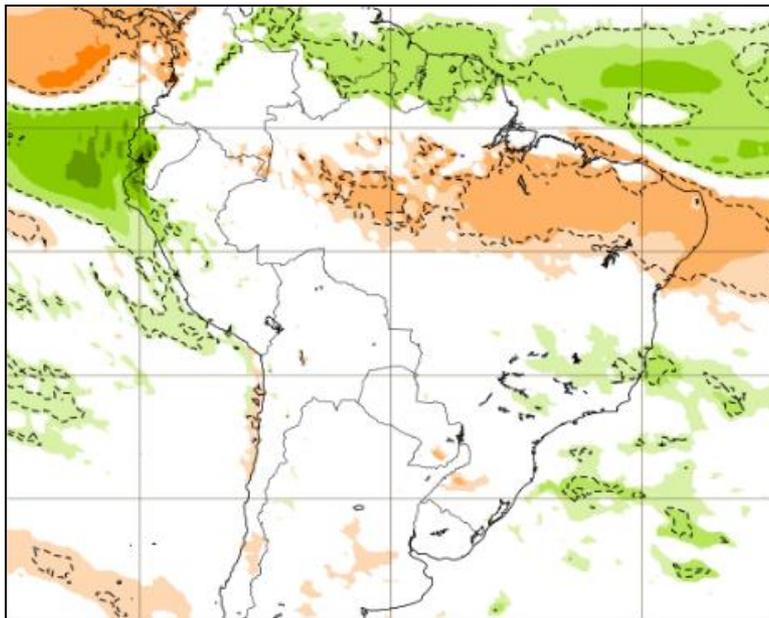
Week 4 Anomalies (mm/day)

25Apr2023–1May2023

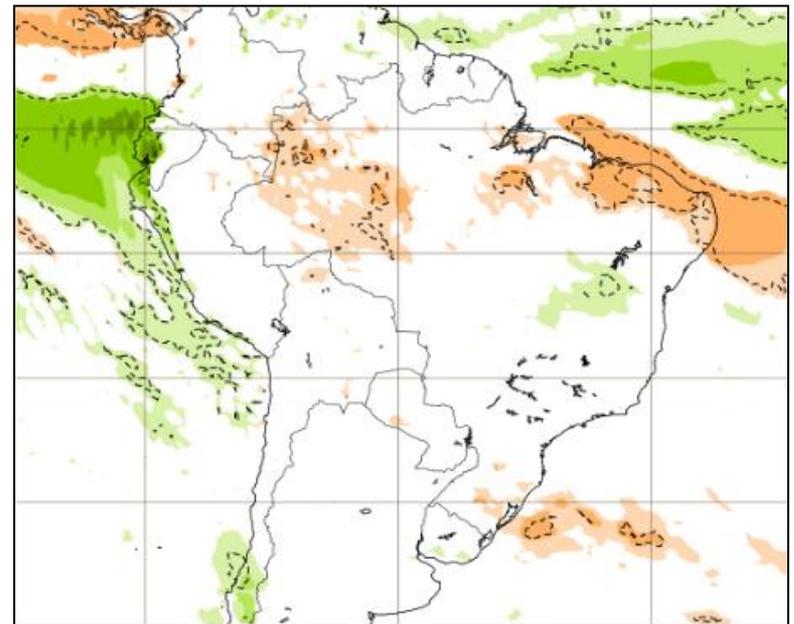


Tendência para 3ª e 4ª semanas

17-24/04

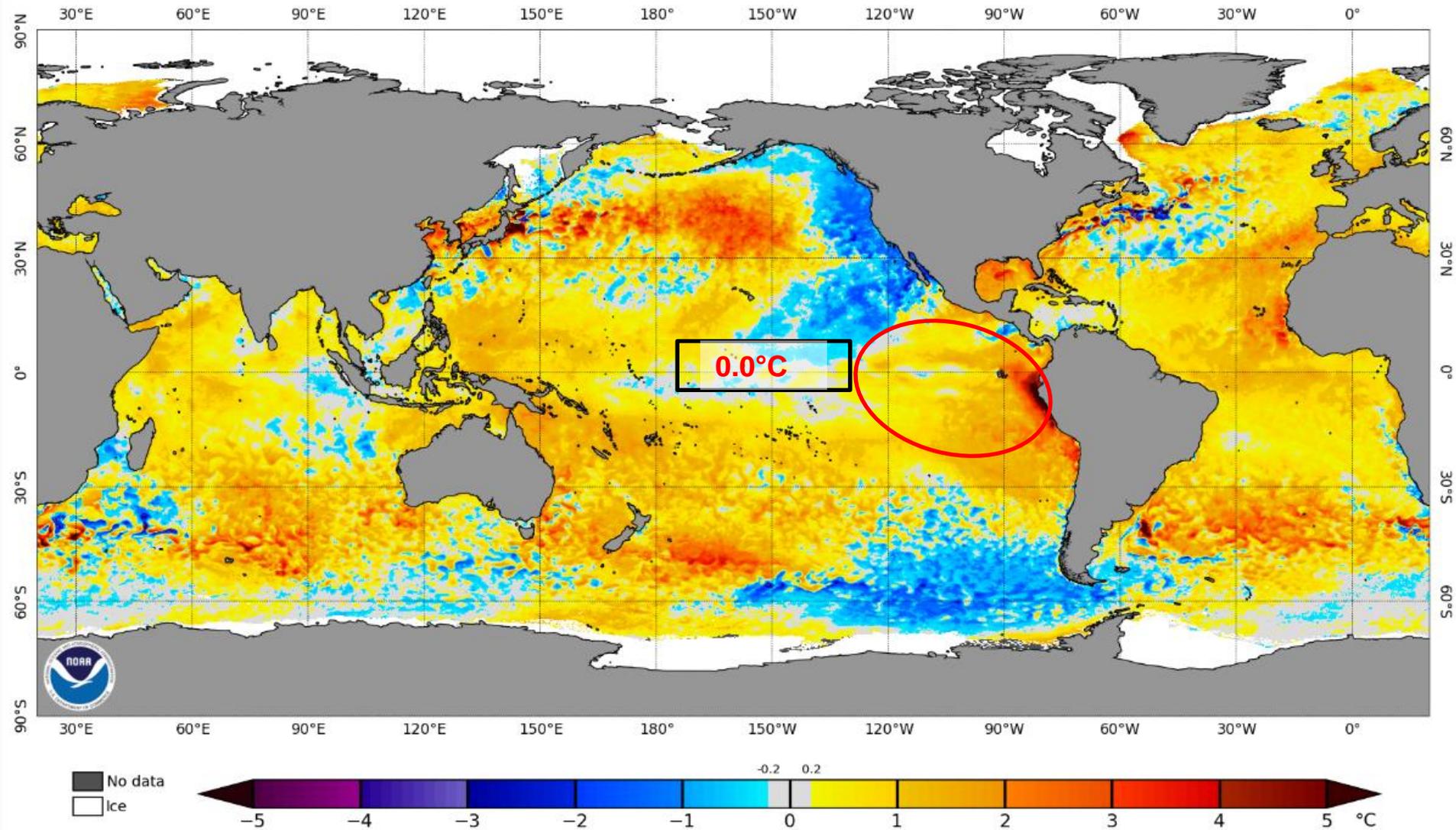


24/04-01/05



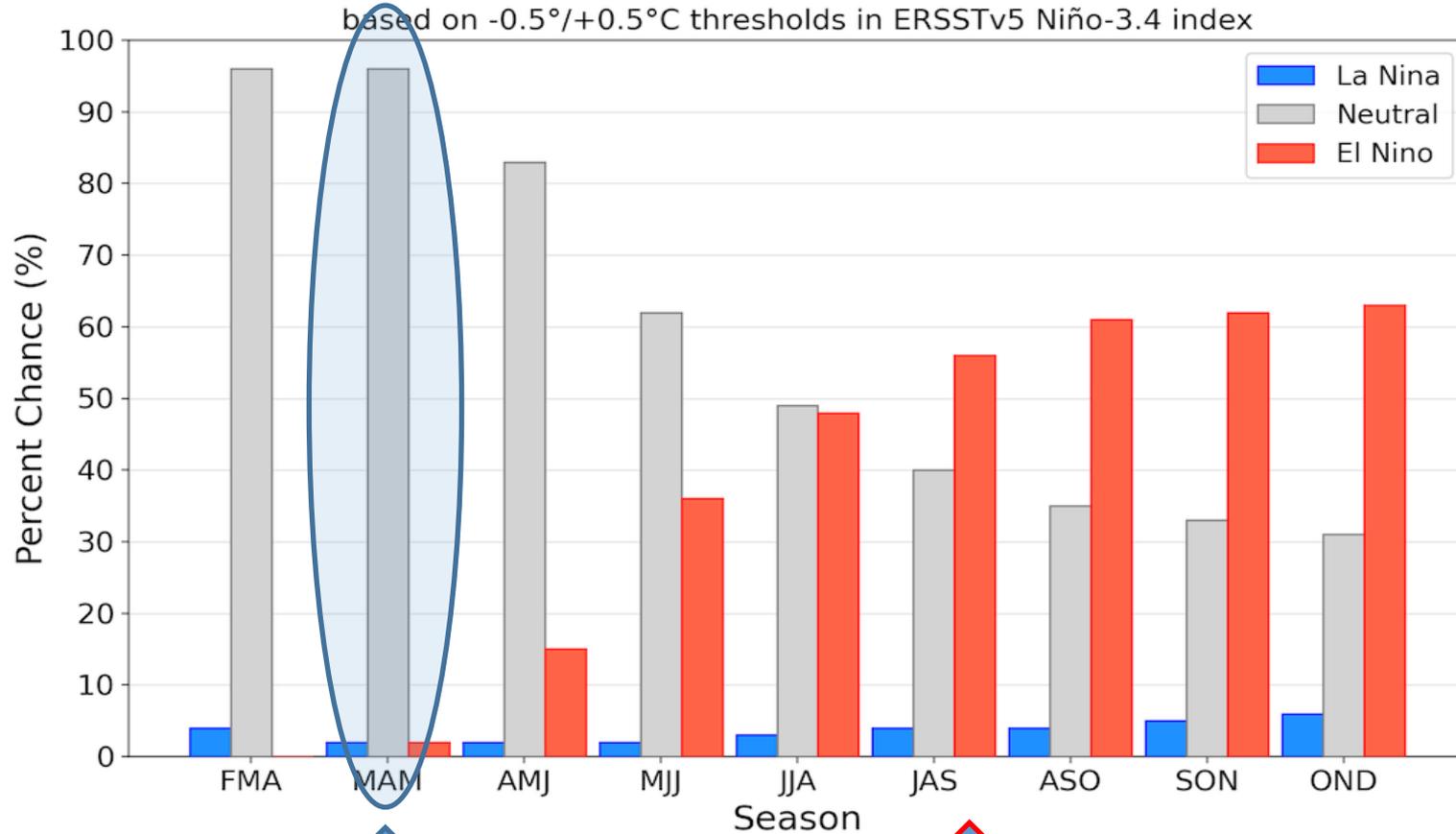
Status Atual: Neutralidade

NOAA Coral Reef Watch Daily 5km SST Anomalies (v3.1) 2 Apr 2023



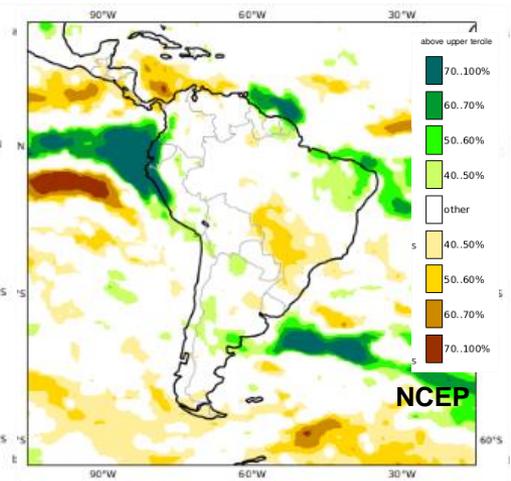
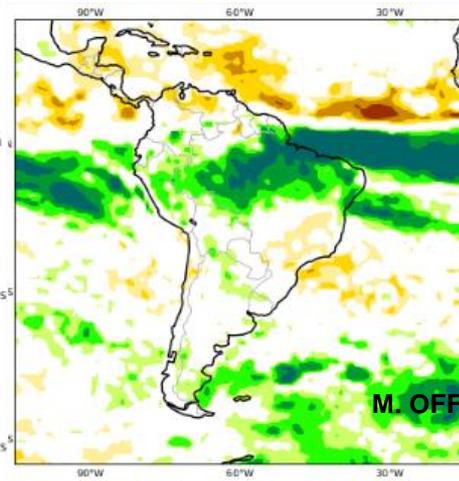
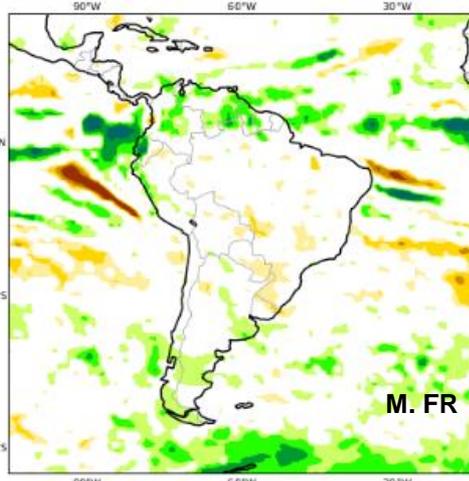
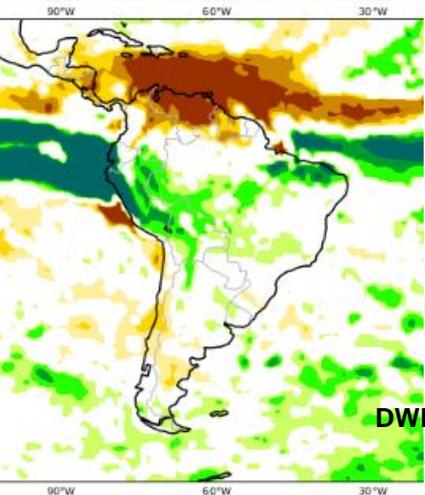
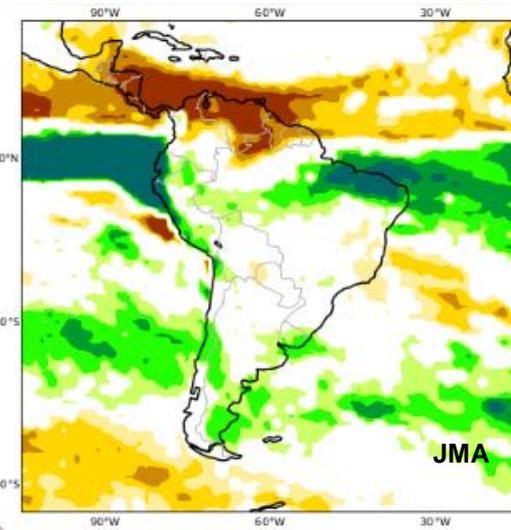
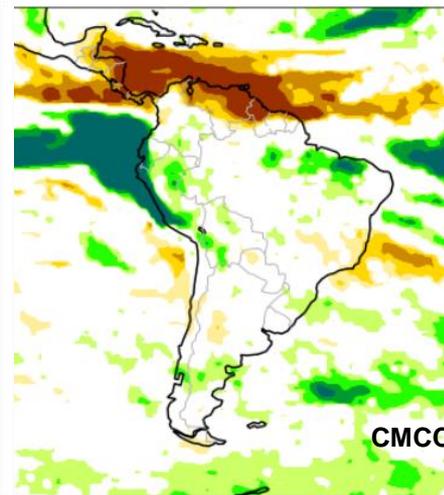
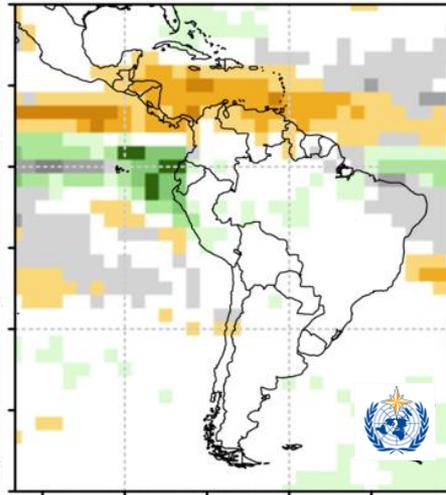
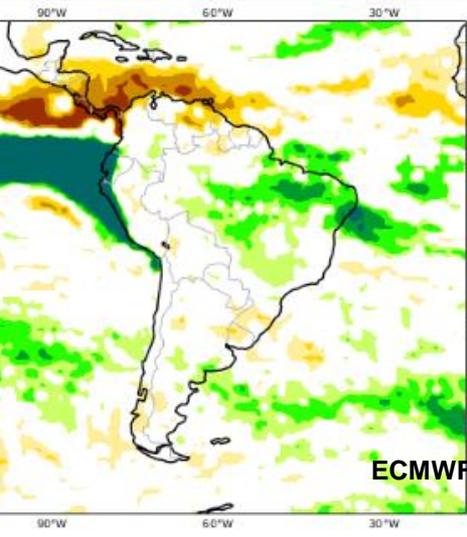
Previsão do “ENSO”

Official NOAA CPC ENSO Probabilities (issued Mar. 2023)



Status Atual: **Neutralidade**

Previsão sazonal de Chuva AMJ

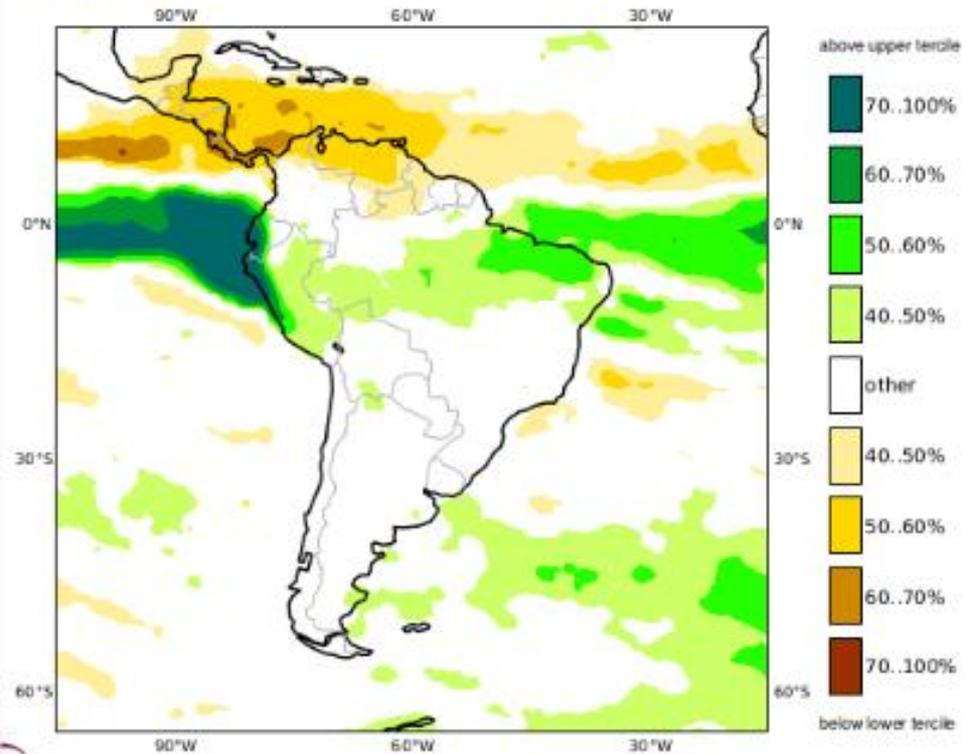


Previsão Multi Modelo AMJ

C3S multi-system seasonal forecast
Prob(most likely category of precipitation)

Nominal forecast start: 01/03/23
Unweighted mean

AMJ 2023



NMME Precipitation Anomalies (mm/day)
Apr2023–Jun2023 March2023 initial conditions

