

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

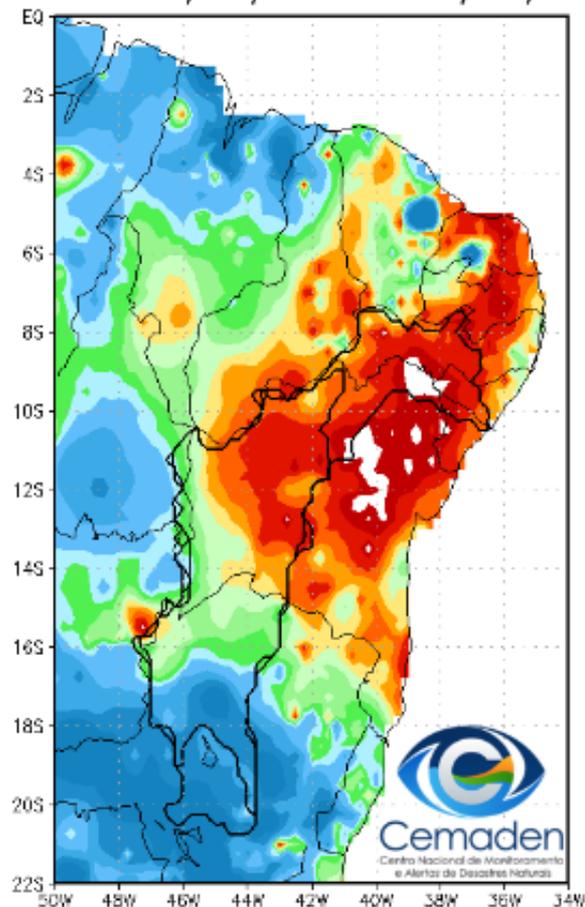


Cemaden
Centro Nacional de Monitoramento
e Alertas de Desastres Naturais

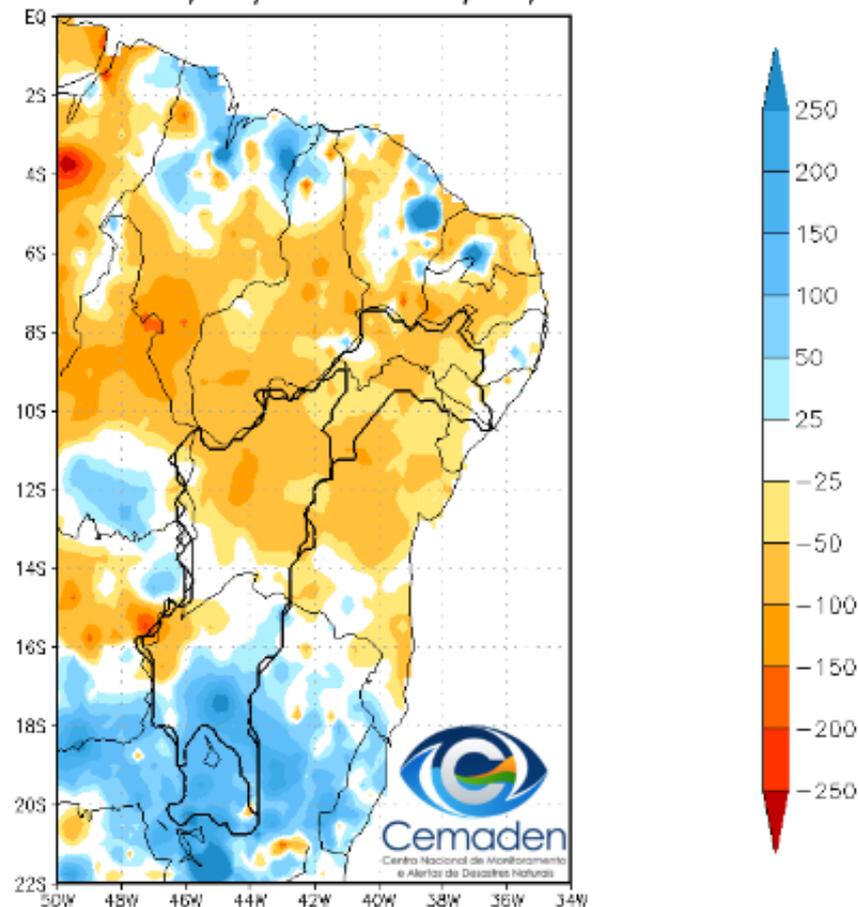
07 de fevereiro de 2023

Chuva dos últimos 30 dias

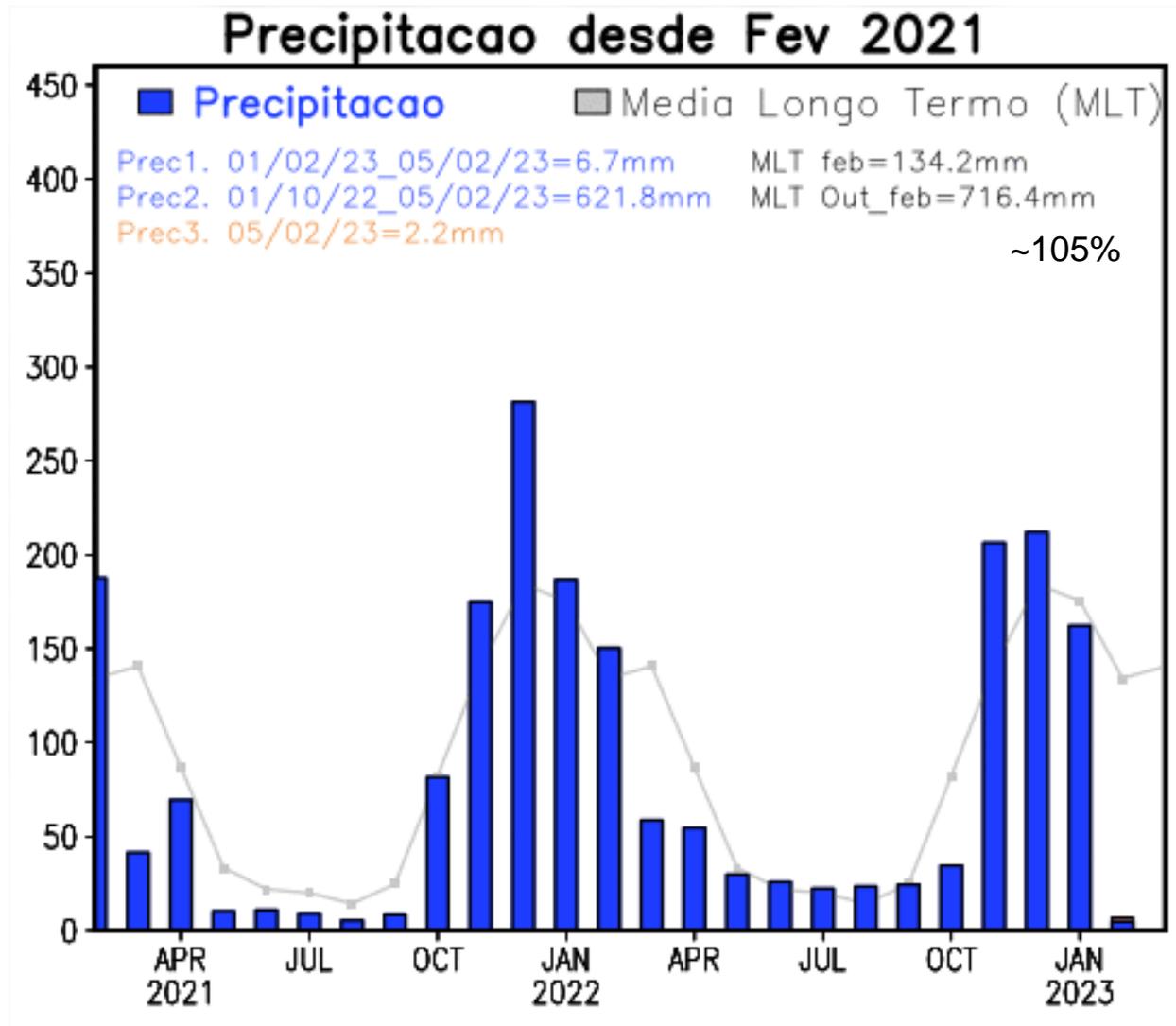
Precipitacao Acumulada (mm) A.S.
Período: 07/01/2023 a 06/02/2023



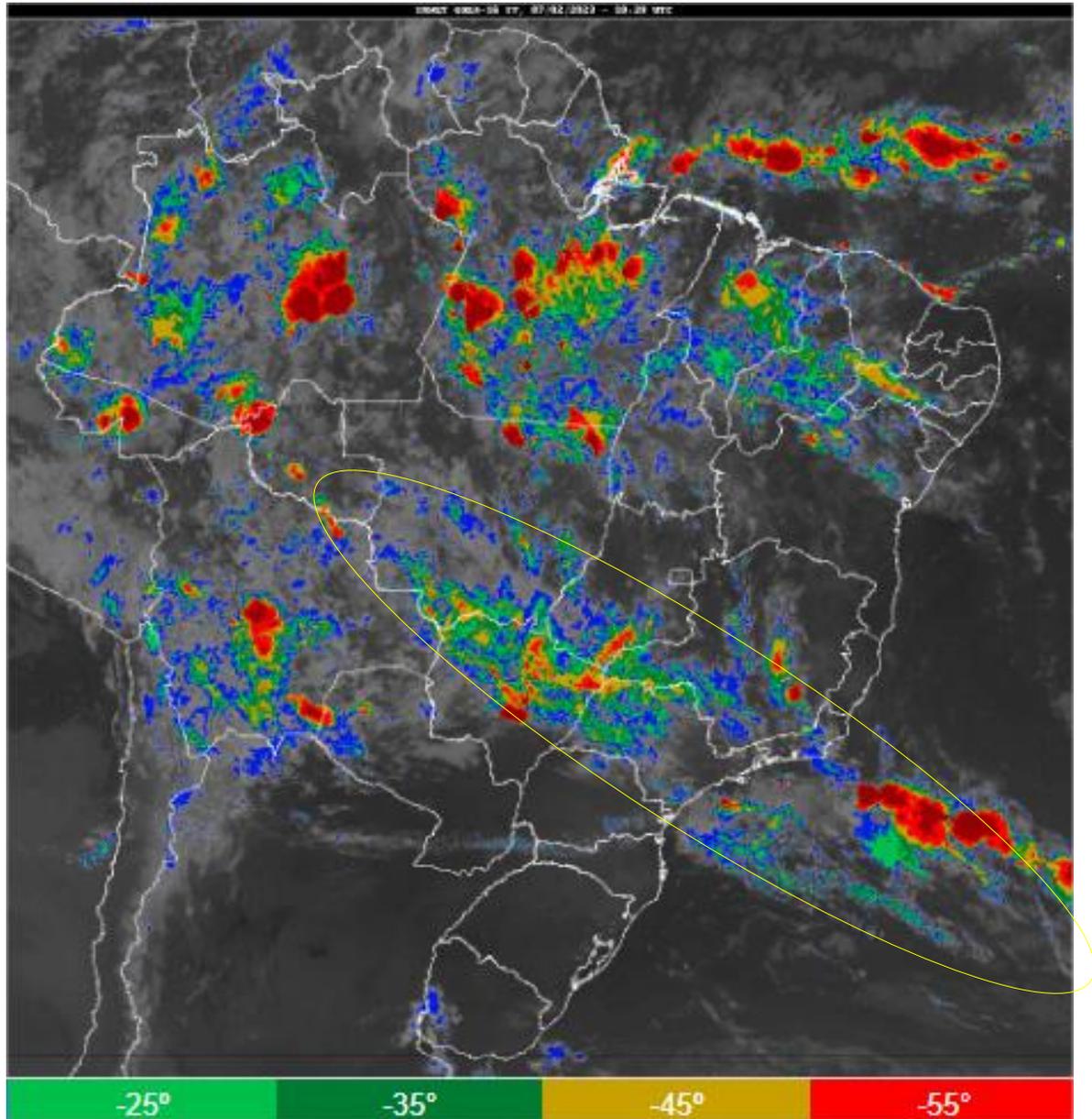
Anomalia de Precipitacao (mm) A.S.
Período: 07/01/2023 a 06/02/2023



Bacia do rio São Francisco

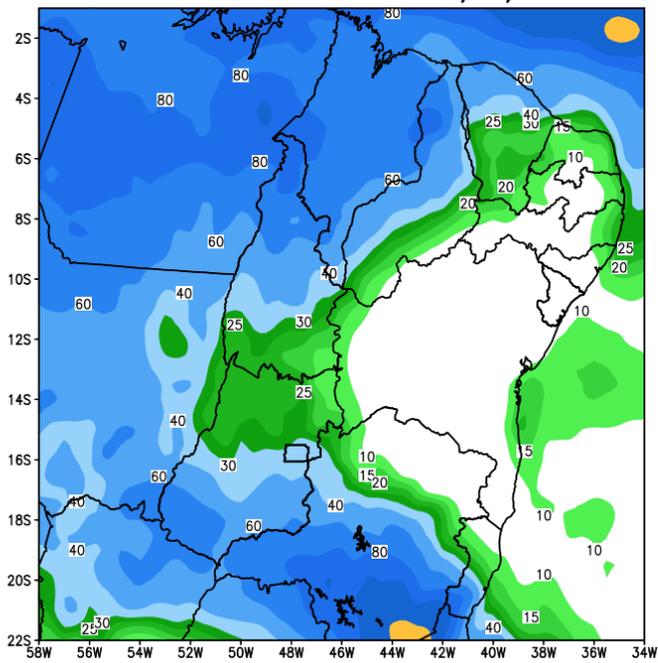


Situação meteorológica atual

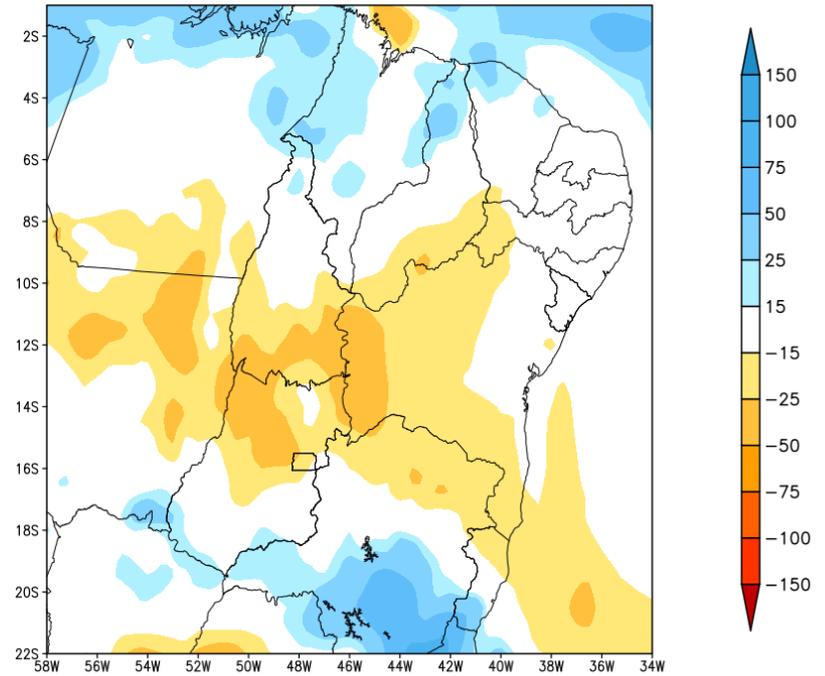


Previsão de chuva próximos 7 dias

GEFS / BRASIL_NE
Precipitação acumulada 1aSem (mm)
Previsão das 00Z dia 07/02/2023



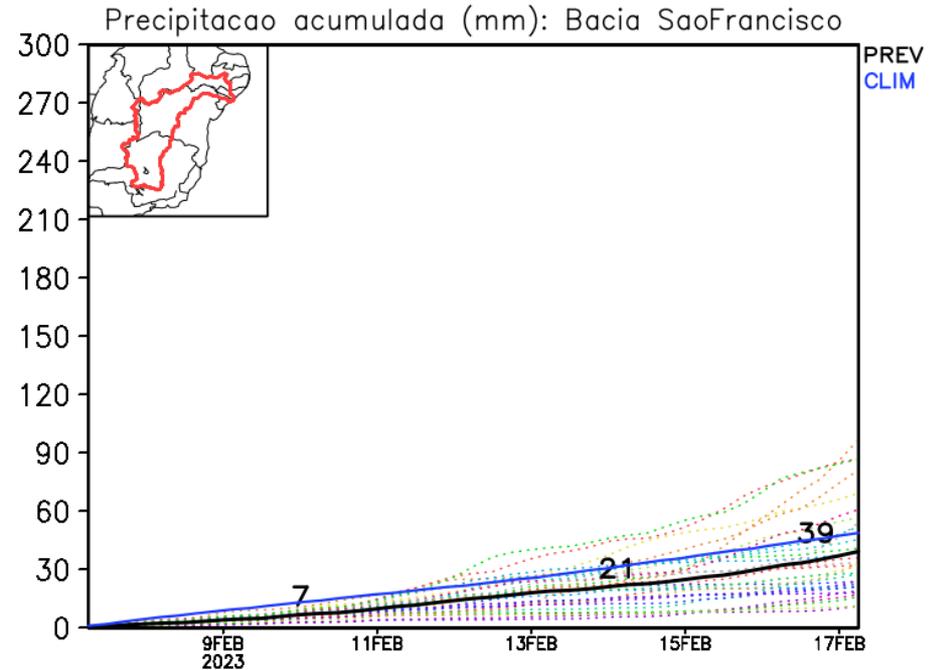
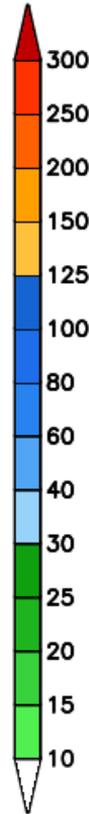
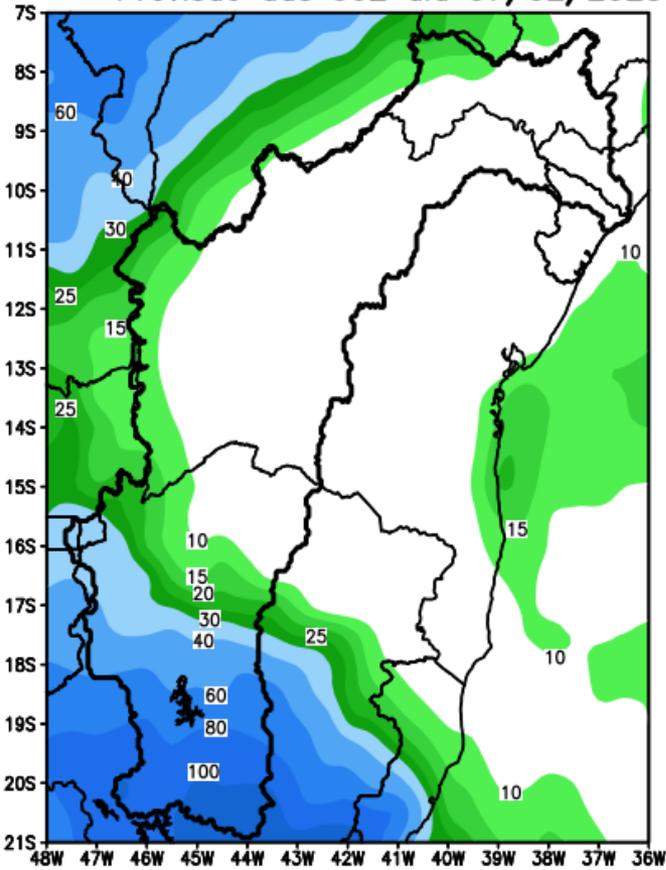
Anomalia de Precipitação BR NE (mm)
Período: 2023020700 a 2023021400



Fonte: GEFS/NOAA

Bacia do rio São Francisco

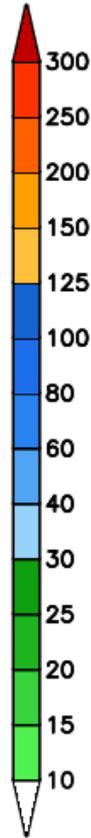
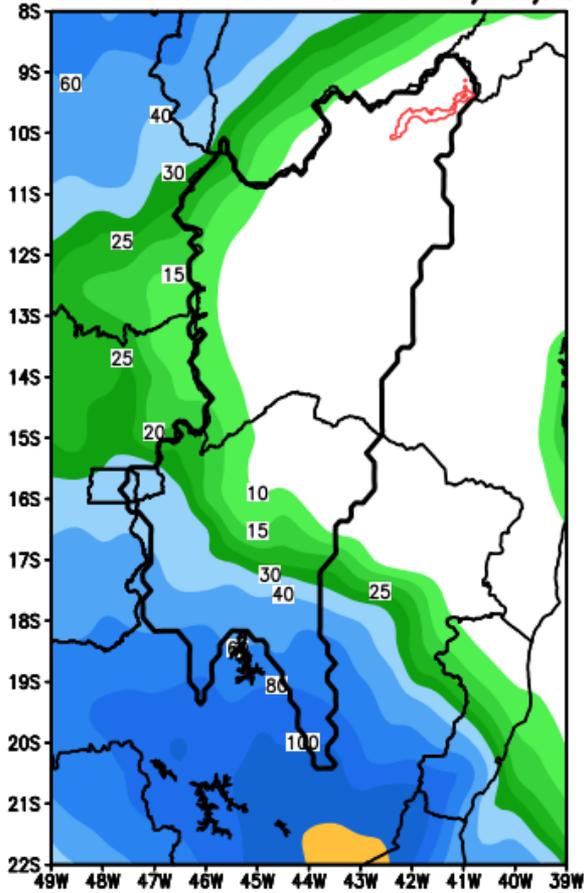
GEFS / Bacia do Rio Sao Francisco
Precipitacao acumulada em 7 dias (mm)
Previsao das 00Z dia 07/02/2023



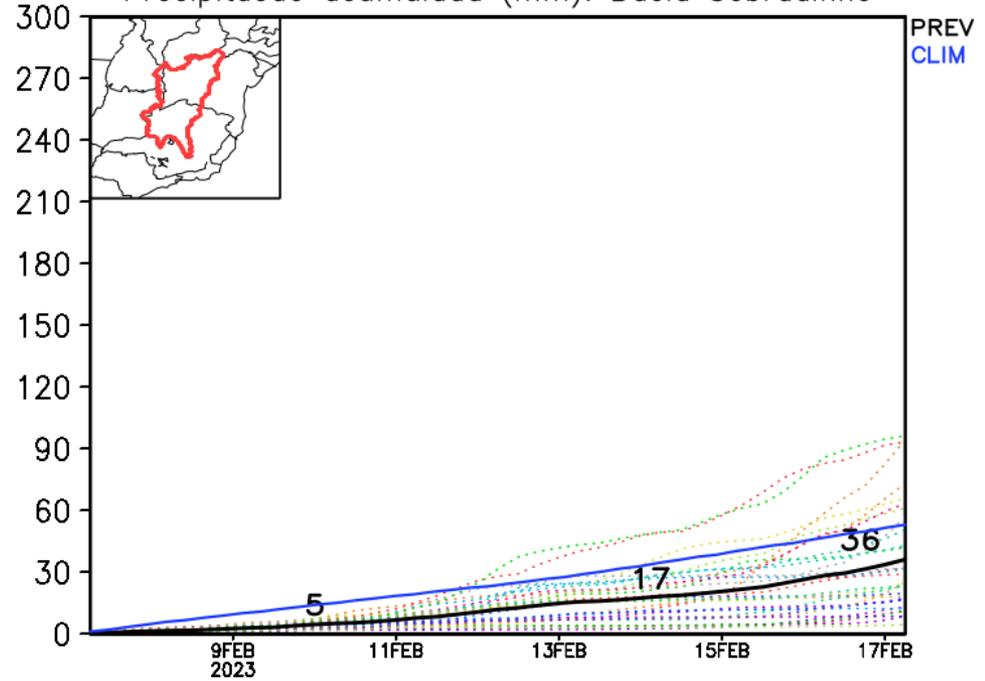
Bacia de Sobradinho

GEFS / Sobradinho

Precipitacao acumulada em 7 dias (mm)
Previsao das 00Z dia 07/02/2023

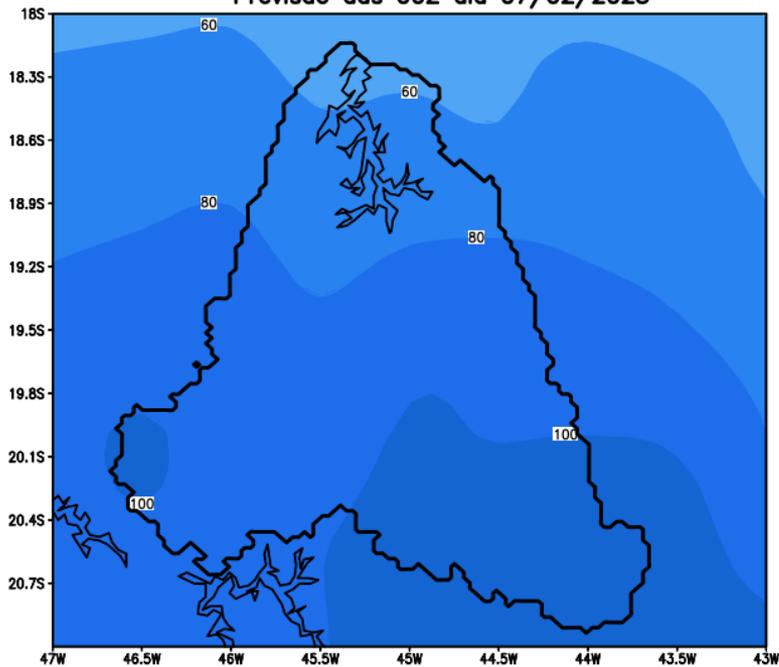


Precipitacao acumulada (mm): Bacia Sobradinho

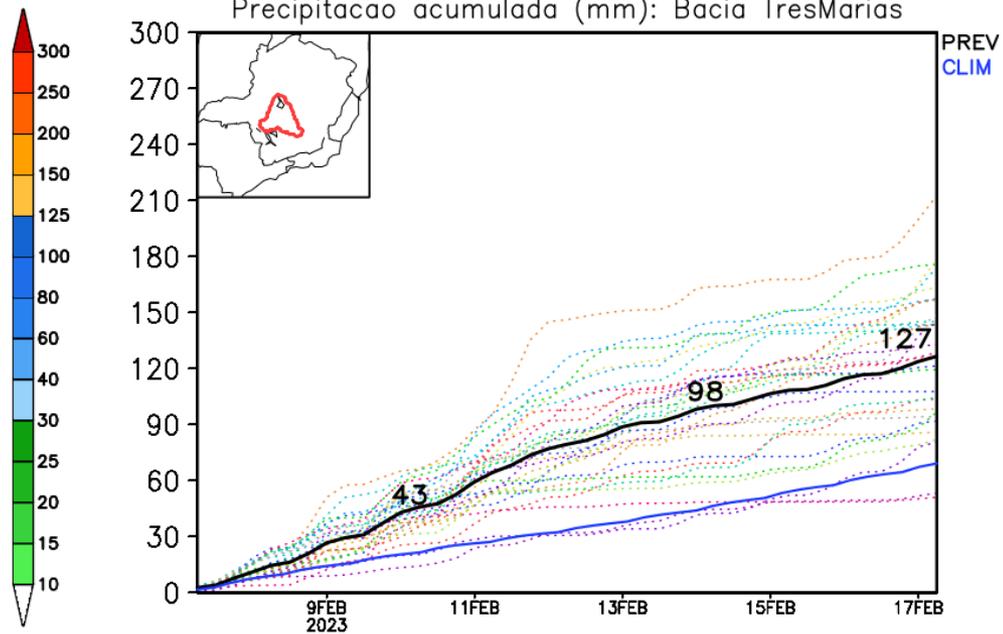


Bacia de Três Marias

GEFS / Tres Marias
Precipitacao acumulada em 7 dias (mm)
Previsao das 00Z dia 07/02/2023

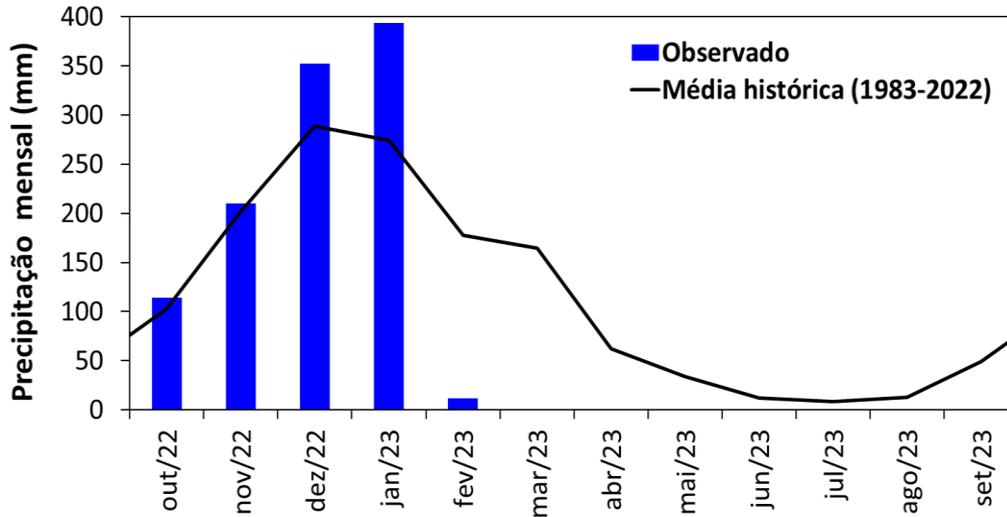


Precipitacao acumulada (mm): Bacia TresMarias



Monitoramento UHE Três Marias

Precipitação



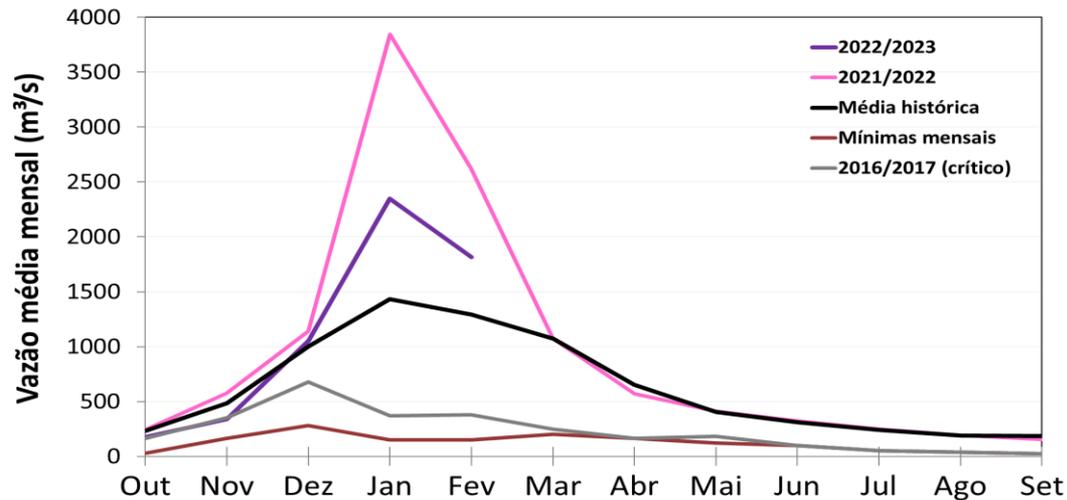
Estação Chuvosa - Out a Mar - 1209 mm
 2021/2022: 1592 mm (**132% da média histórica**)
 2022/2023*: 1082 mm (**90% da média histórica**)

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

Jan/23: 394 mm (144% da média histórica)
Fev/23*: 12 mm (7% da média histórica; e 38% da media histórica histórica PARCIAL)

*Até 05/02/2023

Vazão



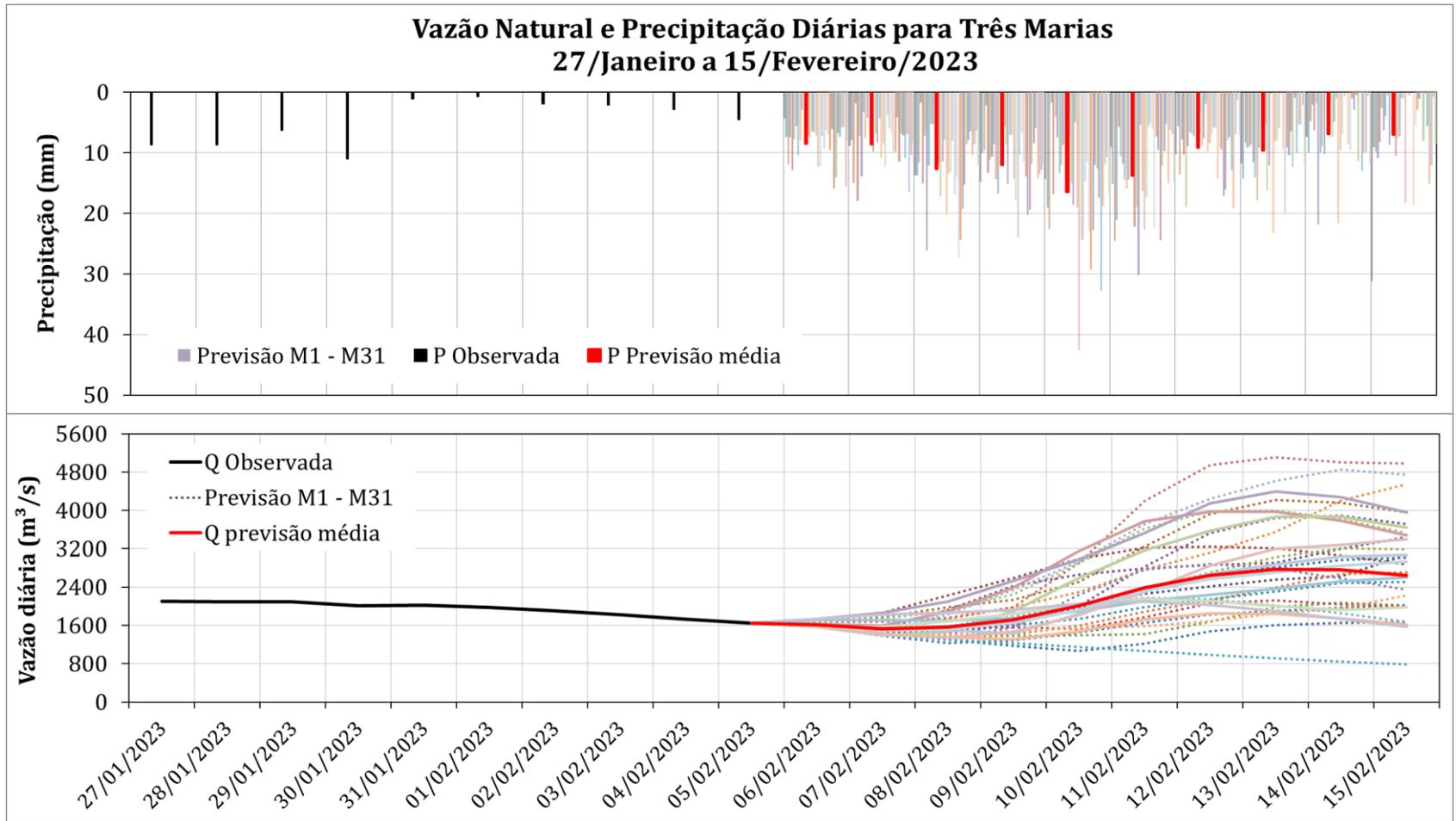
Estação Chuvosa - Nov a Abr - 989 m³/s
 2021/2022: 1639 m³/s (**166% da MLT**)
 2022/2023*: 1390 m³/s (**140% da MLT**)

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

Jan/23: 2348 m³/s (164% da MLT)
Fev/23*: 1816 m³/s (141% da MLT)

*Até 05/02/2023

UHE Três Marias: Previsão de Vazão (modelo PDM)



Dados **observados de precipitação** (barras pretas) para o período 27/01 a 05/02 e **previsão** para o período de 06 a 15/02.
Dados **observados de vazão** (linha preta) para o período 27/01 a 05/02 e **previsão** para o período de 06 a 15/02

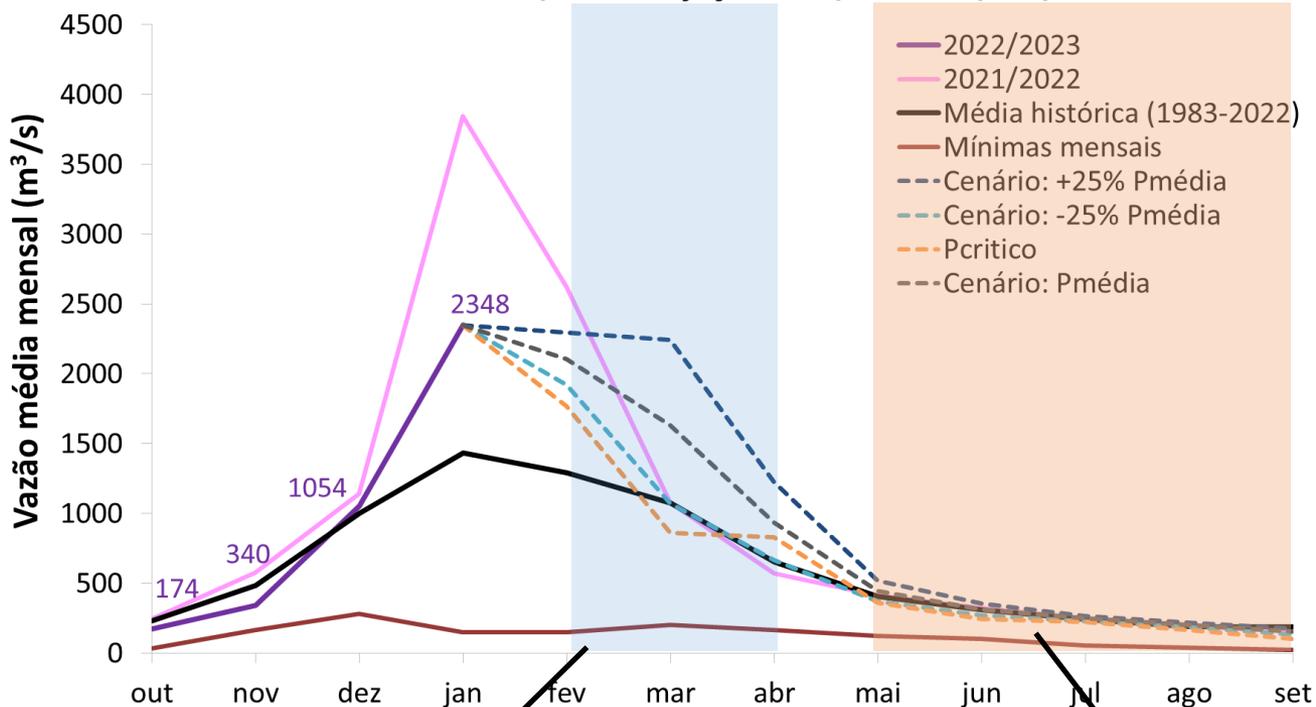
As barras coloridas correspondem às previsões da chuva para os 31 membros GFS/NOAA e à média destes membros.

As linhas coloridas representam os membros de previsão de vazão.

Previsão média para os próximos 10 dias: 2164 m³/s
(Valor significativamente superior a MLT de FEVEREIRO (1290 m³/s))

UHE Três Marias: Projeções de Vazão (modelo PDM)

Previsão: 06 a 15/Fev- Projeções: 16/Fev a 30/Set/23



Fev-Abr (Meses chuvosos)

MLT: 1005 m³/s

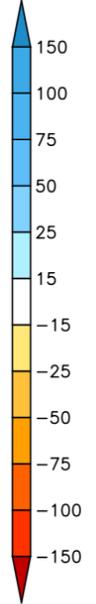
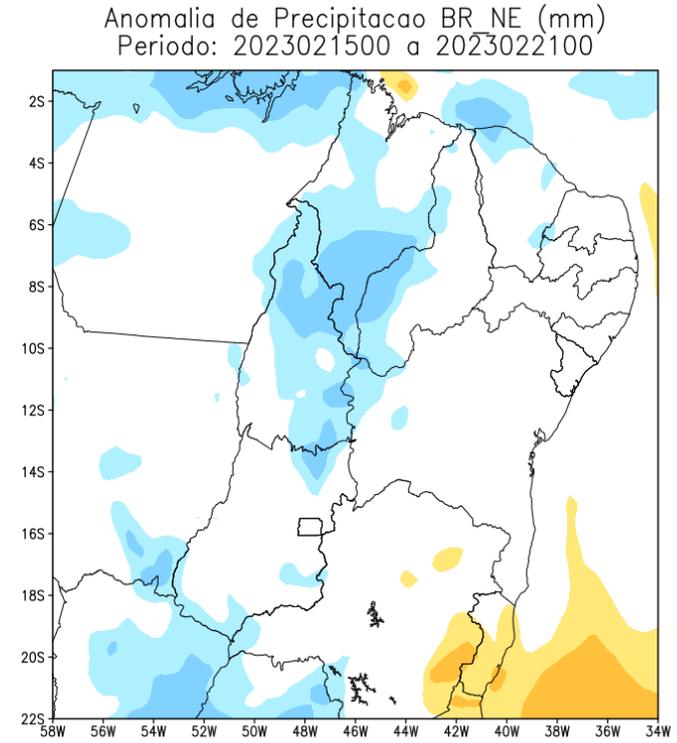
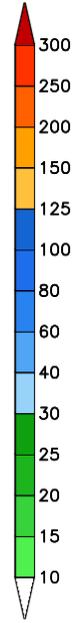
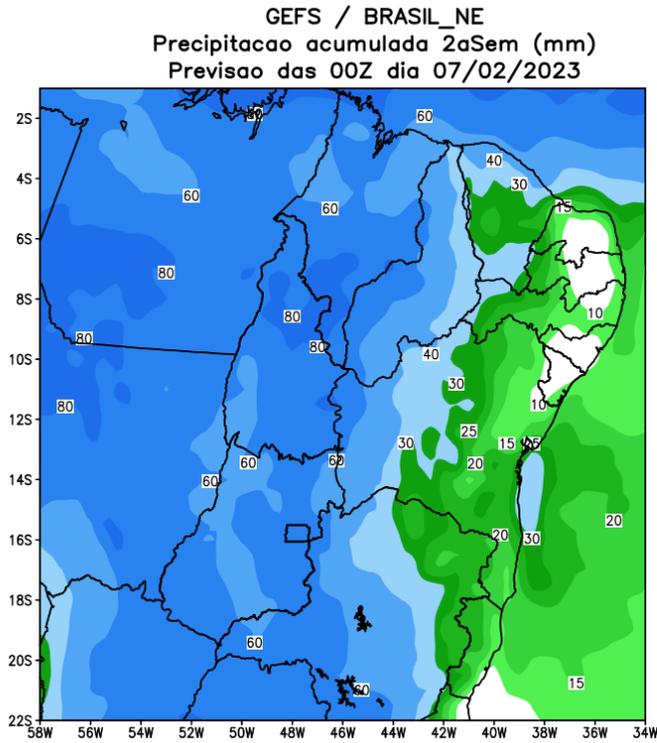
Vazão	% MLT
1921 m³/s	191%
1557 m³/s	155%
1219 m³/s	121%
2014: 1152 m³/s	115%

Mai-Set (Meses secos)

MLT: 266 m³/s

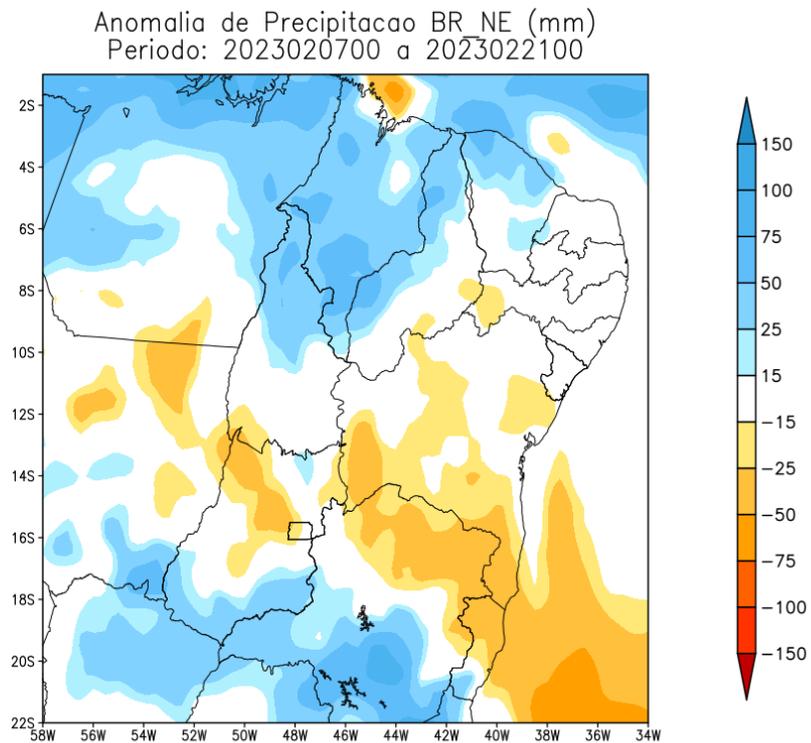
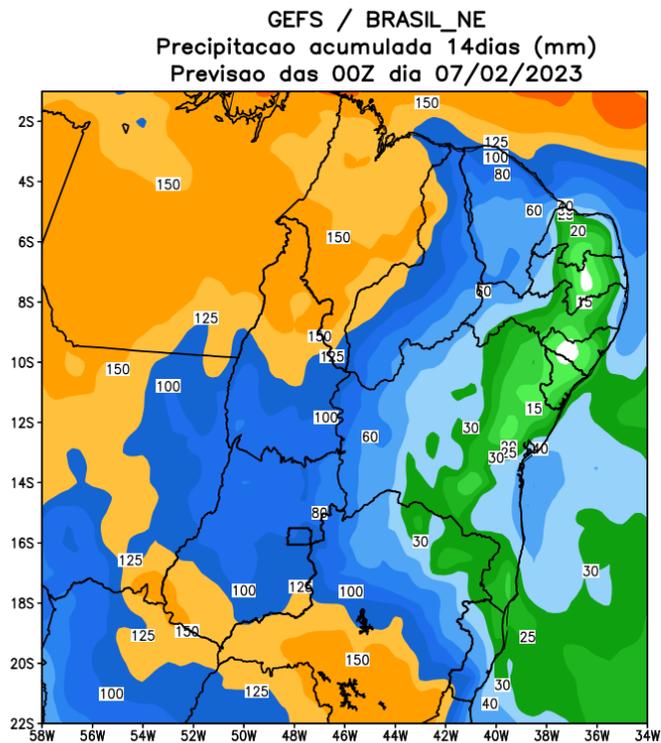
Vazão	% MLT
306 m³/s	115%
273 m³/s	103%
236 m³/s	89%
2021: 219 m³/s	82%

Tendência para a 2a semana



Modelo GFS/NOAA

Tendência para as duas próximas semanas

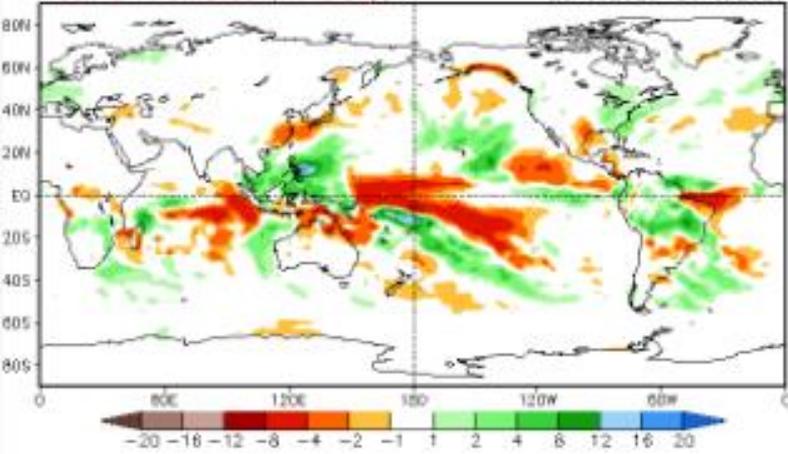


Modelo GFS/NOAA

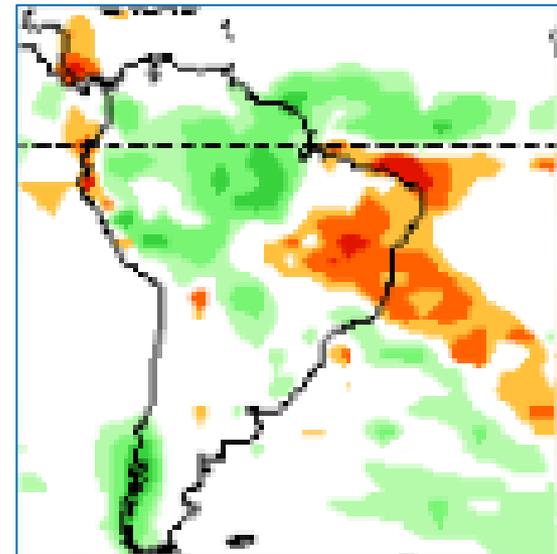
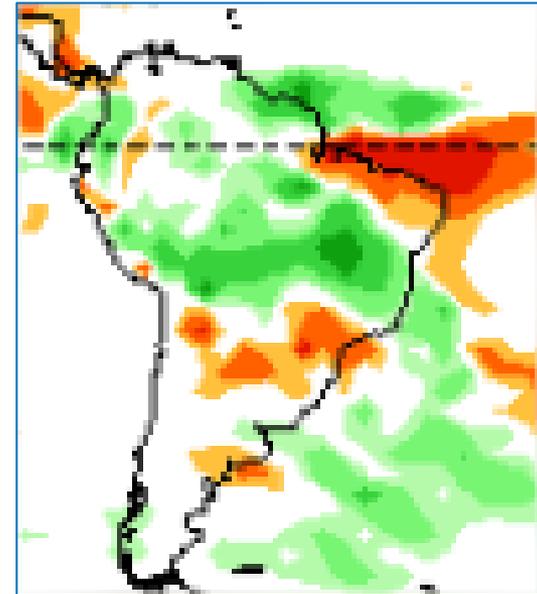
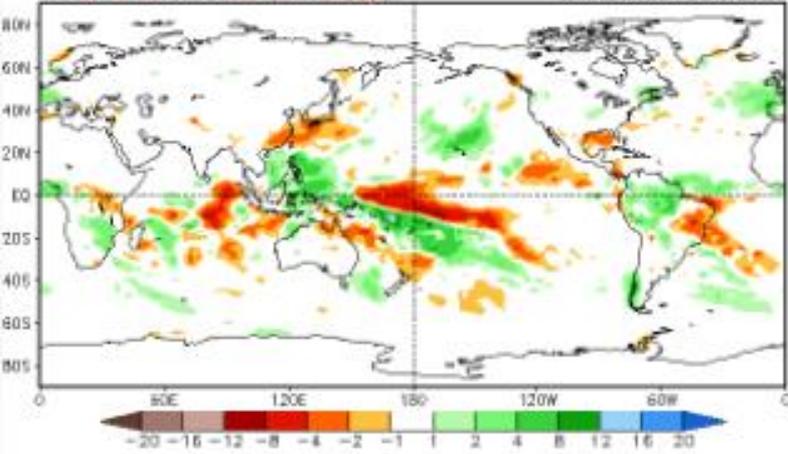
Tendência 3a e 4a semanas

16 Member Ensemble Mean Forecast from 05Feb2023

Week 3 Anomalies (mm/day) 20Feb2023-26Feb2023



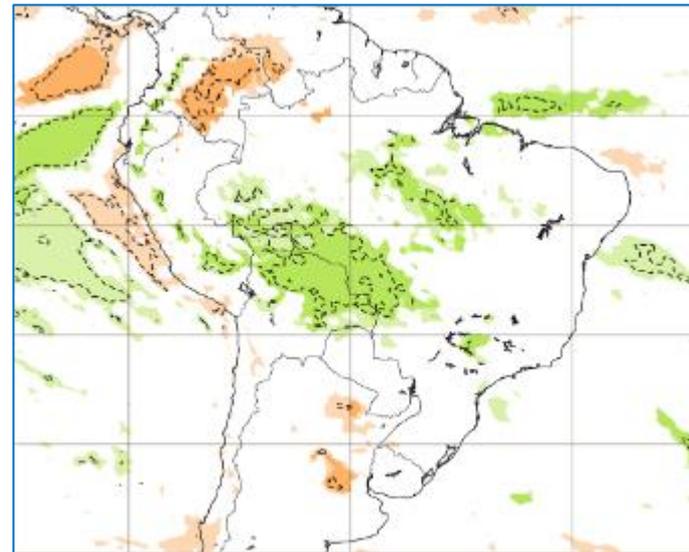
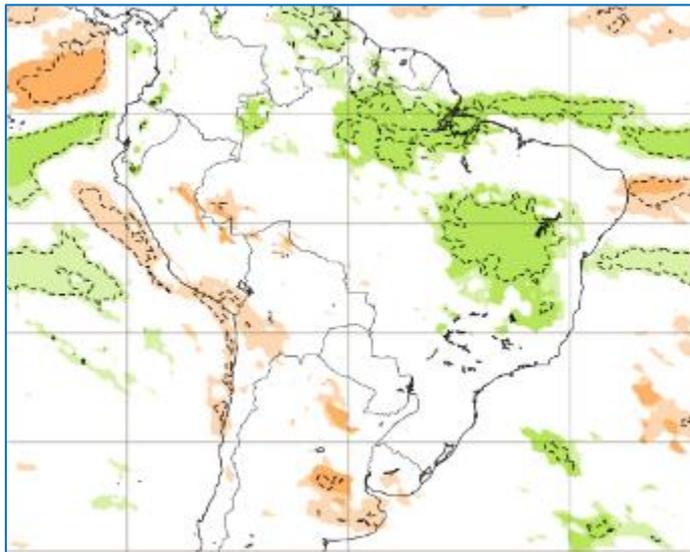
Week 4 Anomalies (mm/day) 27Feb2023-5Mar2023



Tendência para 3ª e 4ª semanas

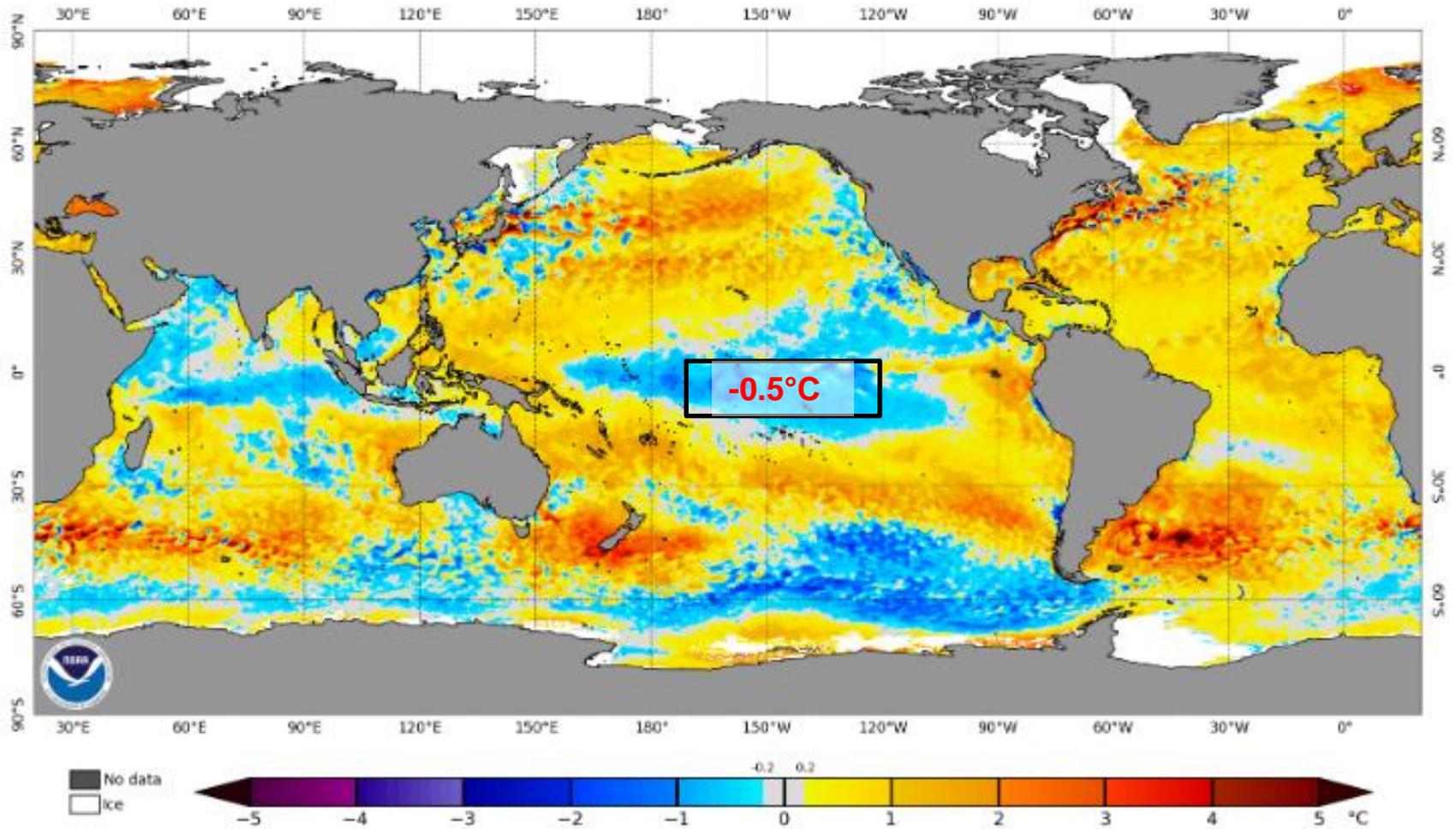
20-27/02

27/02-06/03



Status Atual: La Niña

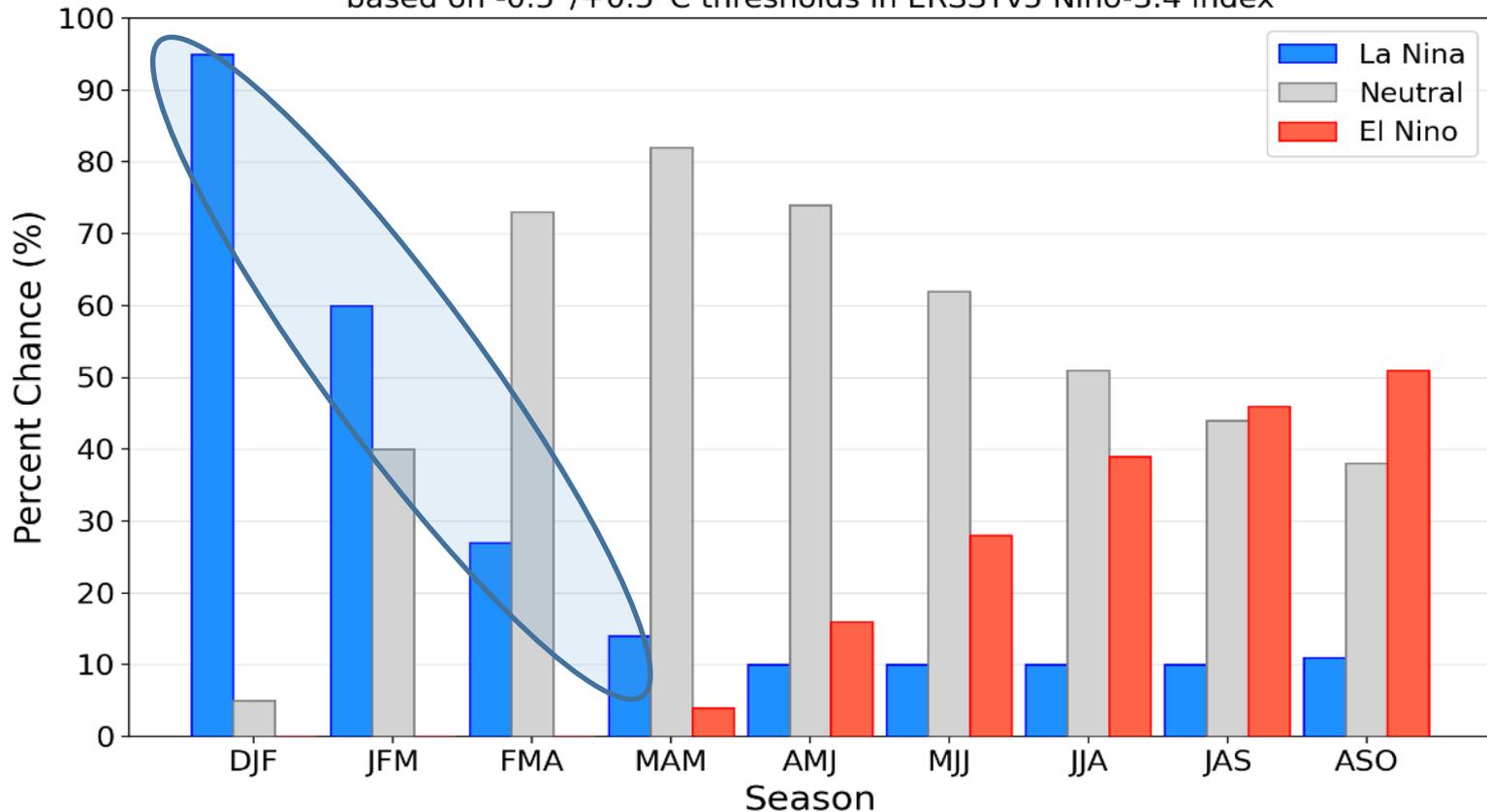
NOAA Coral Reef Watch Daily 5km SST Anomalies (v3.1) 5 Feb 2023



Previsão do “La Niña”

Official NOAA CPC ENSO Probabilities (issued Jan. 2023)

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



Status Atual: **La Niña**

FONTE: NOAA

Previsão sazonal de Chuva FMA

