

Monitoramento e Previsões para a Bacia do rio Tocantins

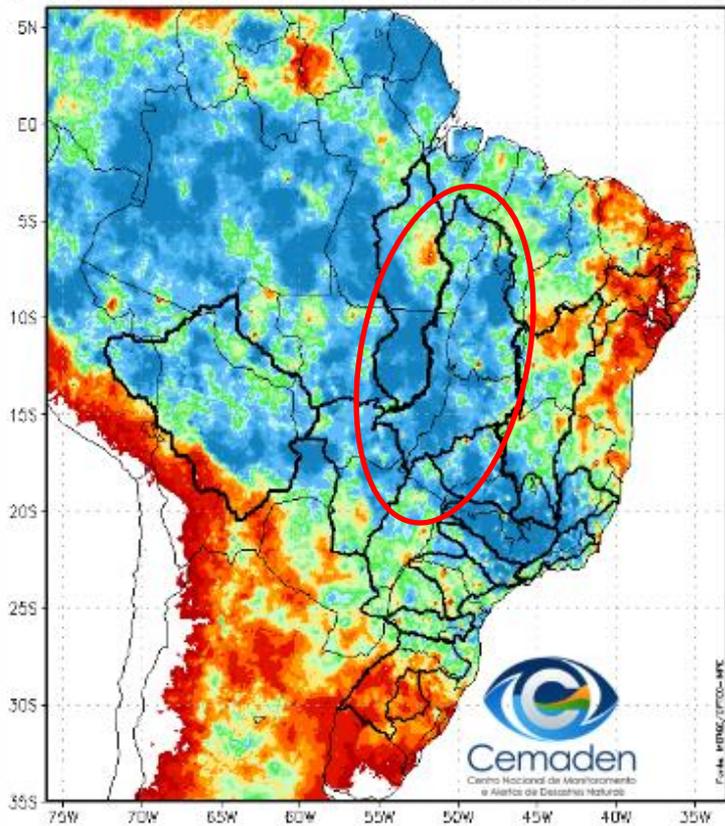


Cemaden
Centro Nacional de Monitoramento
e Alertas de Desastres Naturais

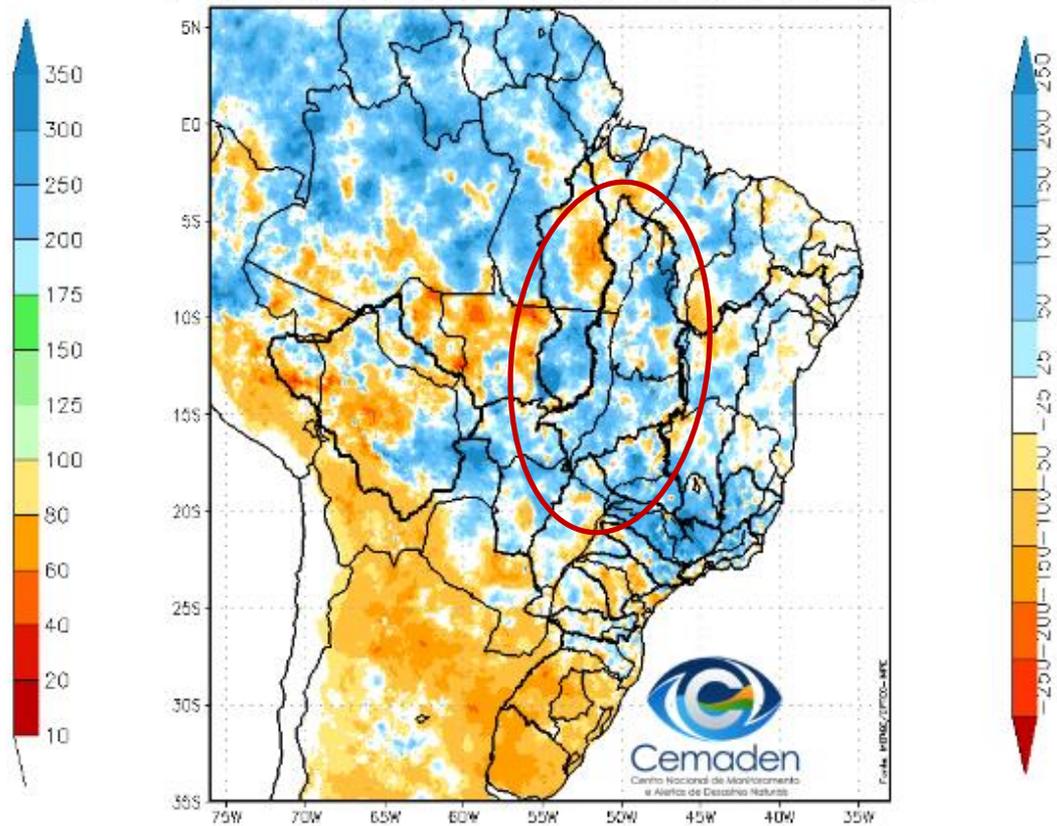
25 de Janeiro de 2023

Precipitação acumulada nos últimos 30 dias

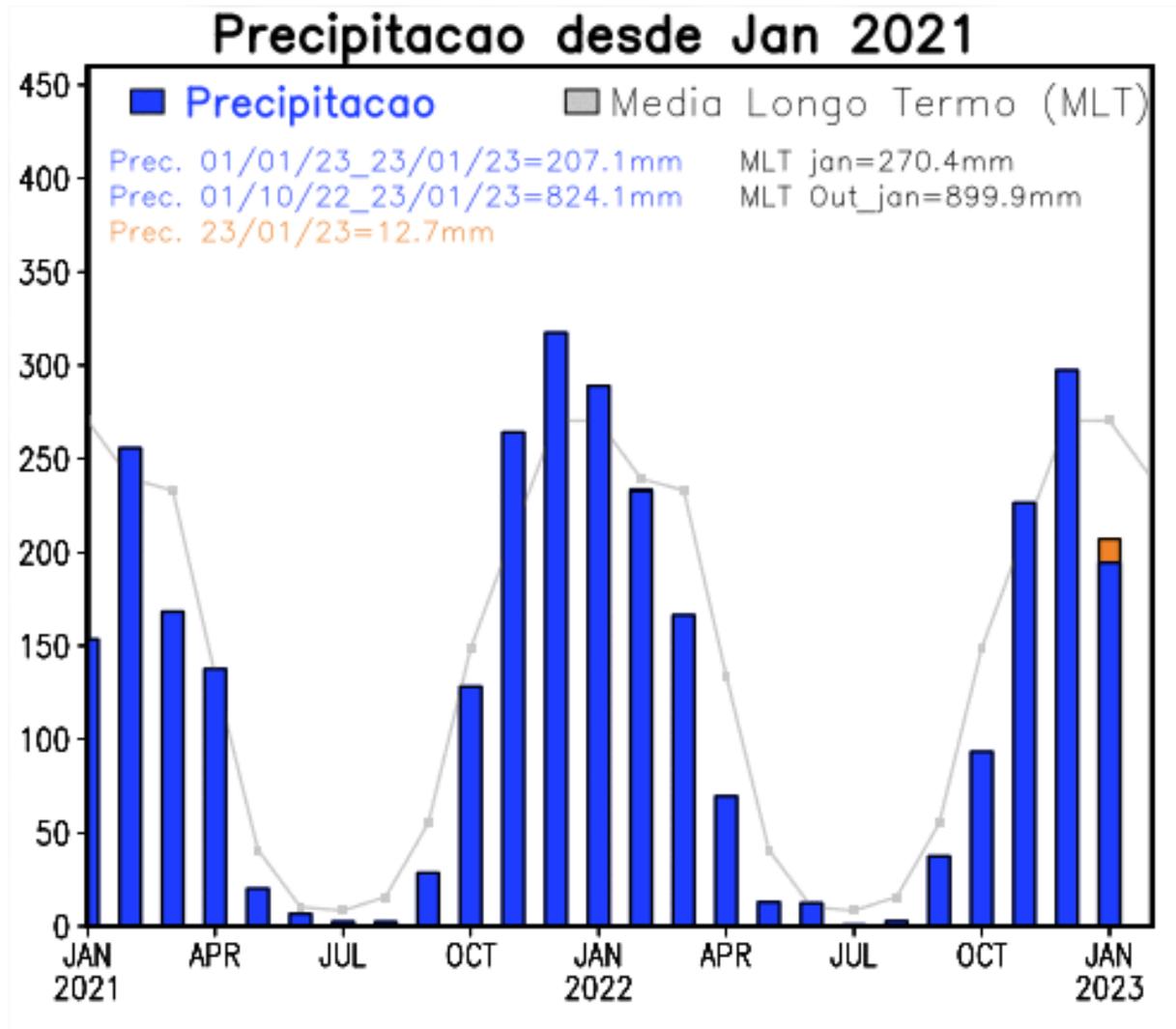
Precipitação Acumulada (mm) A.S.
Período: 25/12/2022 a 24/01/2023 (30 dias)



Anomalia de Precipitação (mm) A.S.
Período: 25/12/2022 a 24/01/2023 (30 dias)

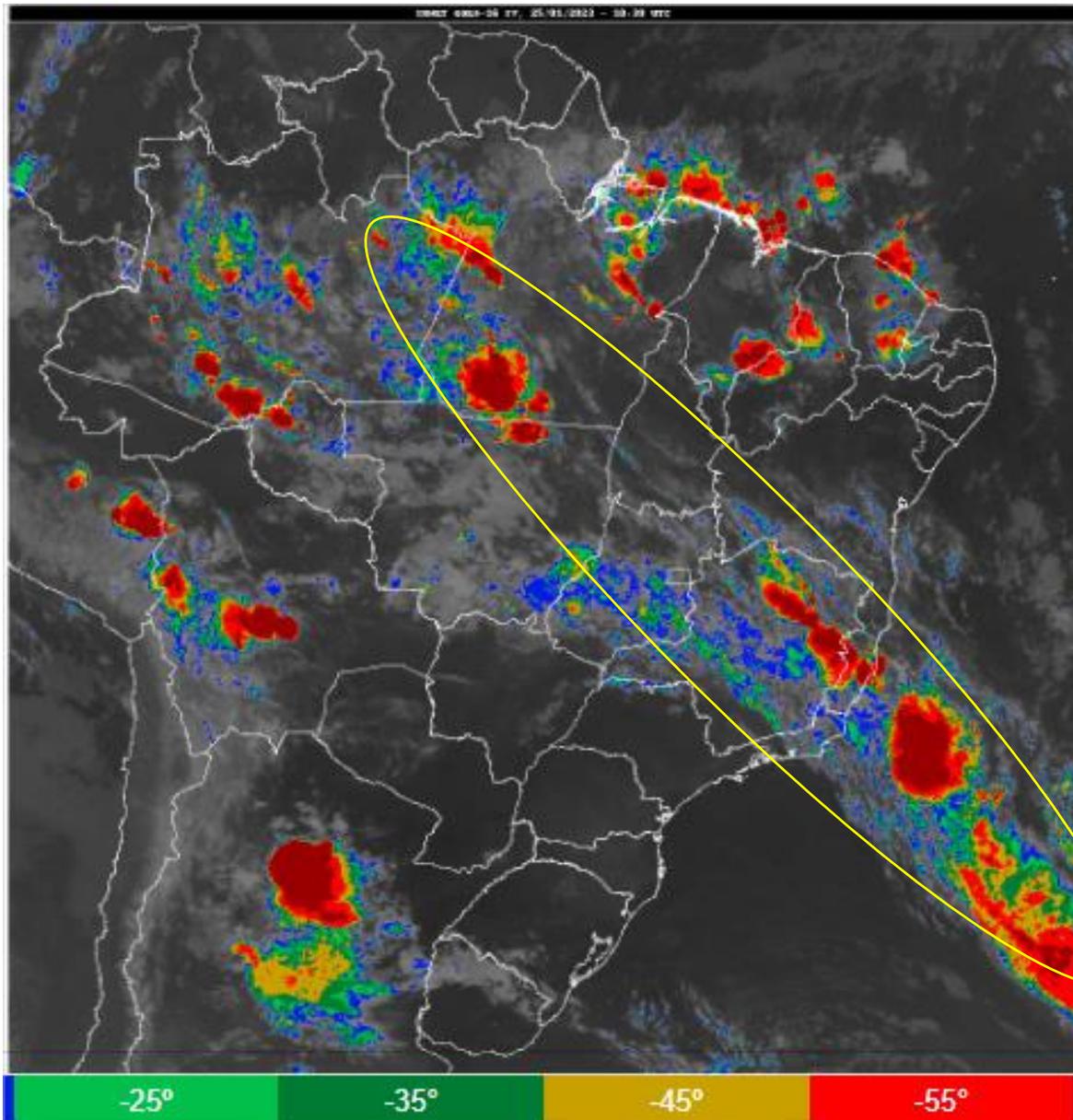


Evolução da Precipitação



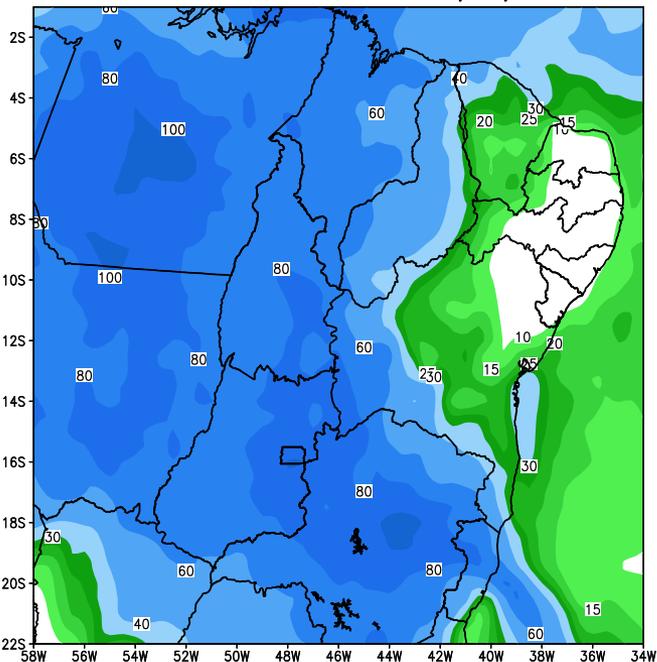
FONTE:
INPE

Situação meteorológica atual

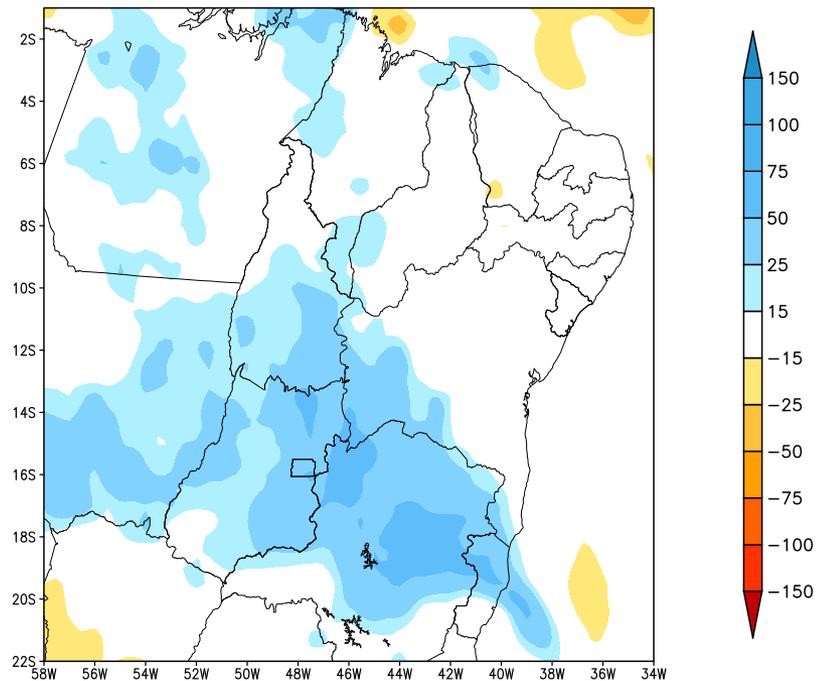


Previsão de chuva próximos 7 dias

GEFS / BRASIL_NE
Precipitacao acumulada 1aSem (mm)
Previsao das 00Z dia 25/01/2023



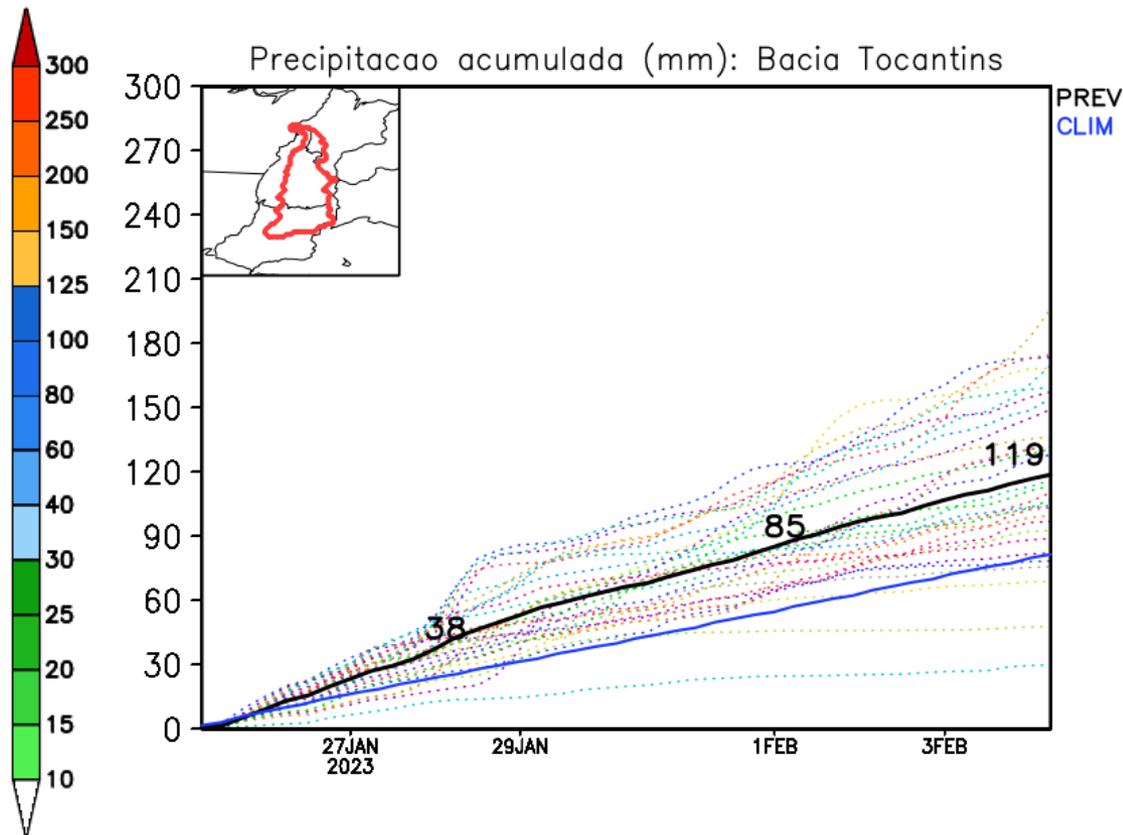
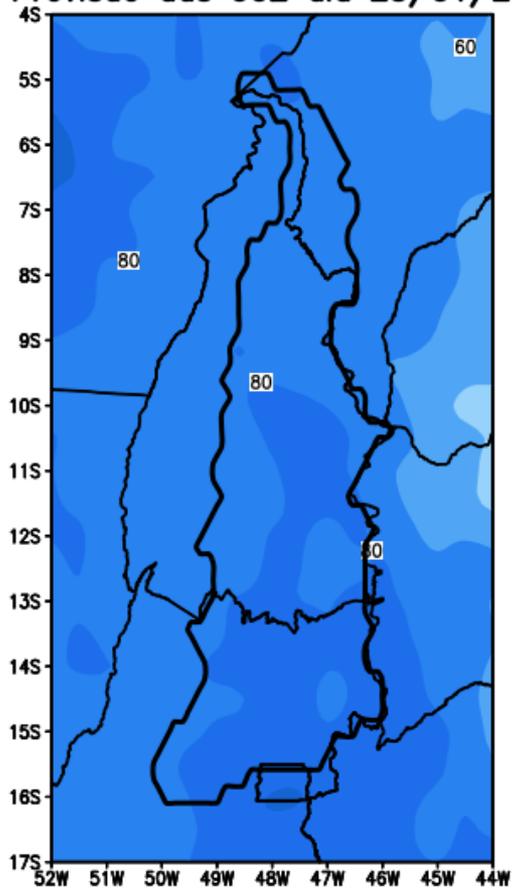
Anomalia de Precipitacao BR_NE (mm)
Periodo: 2023012500 a 2023020100



Fonte: GFS/NOAA

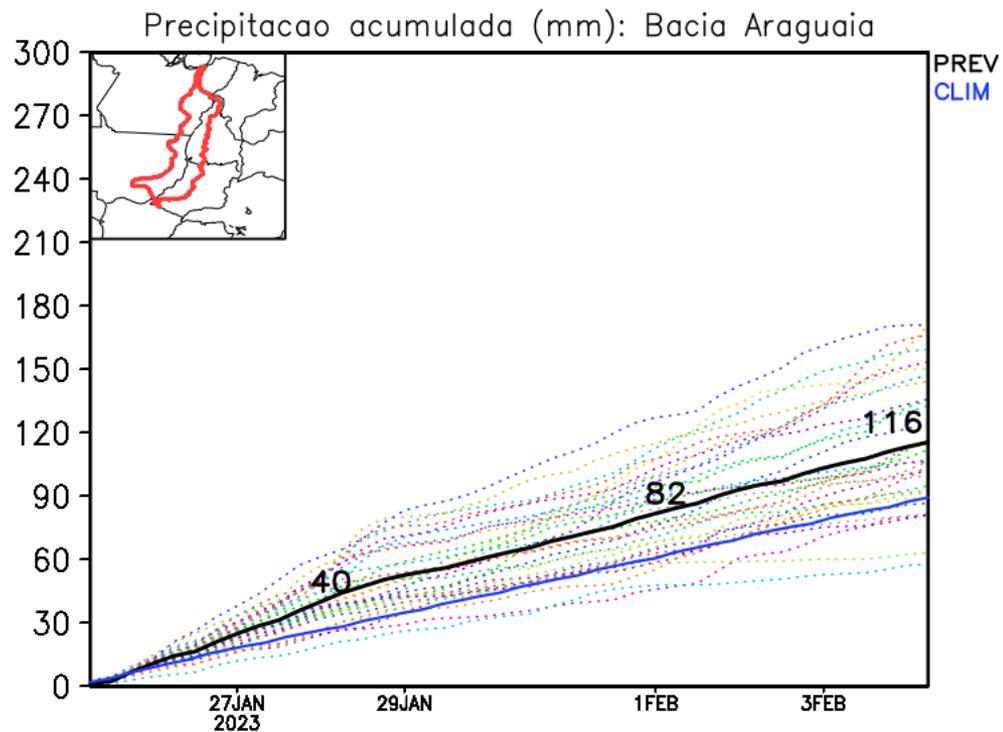
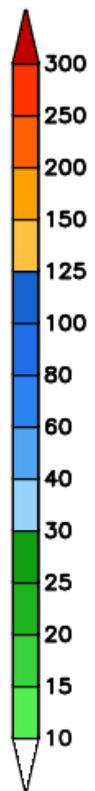
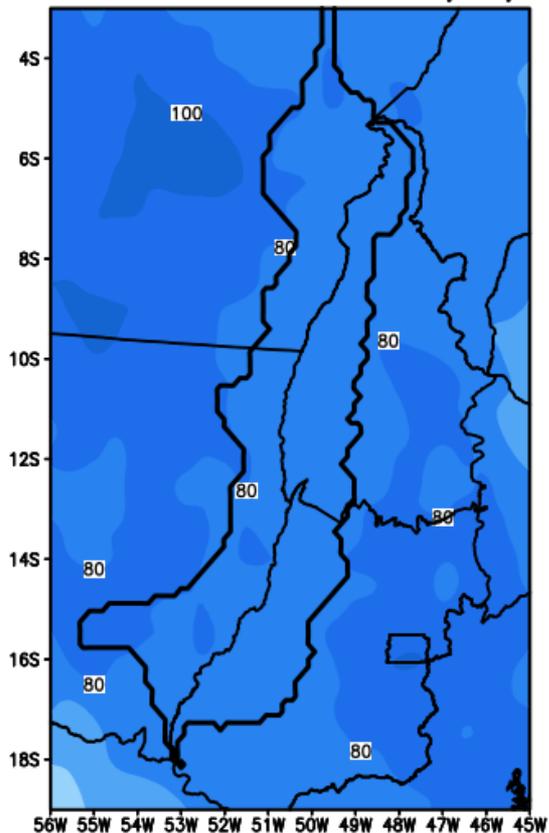
Previsão Bacia Rio Tocantins

GEFS / Bacia Tocantins
Precipitacao acumulada em 7 dias (mm)
Previsao das 00Z dia 25/01/2023



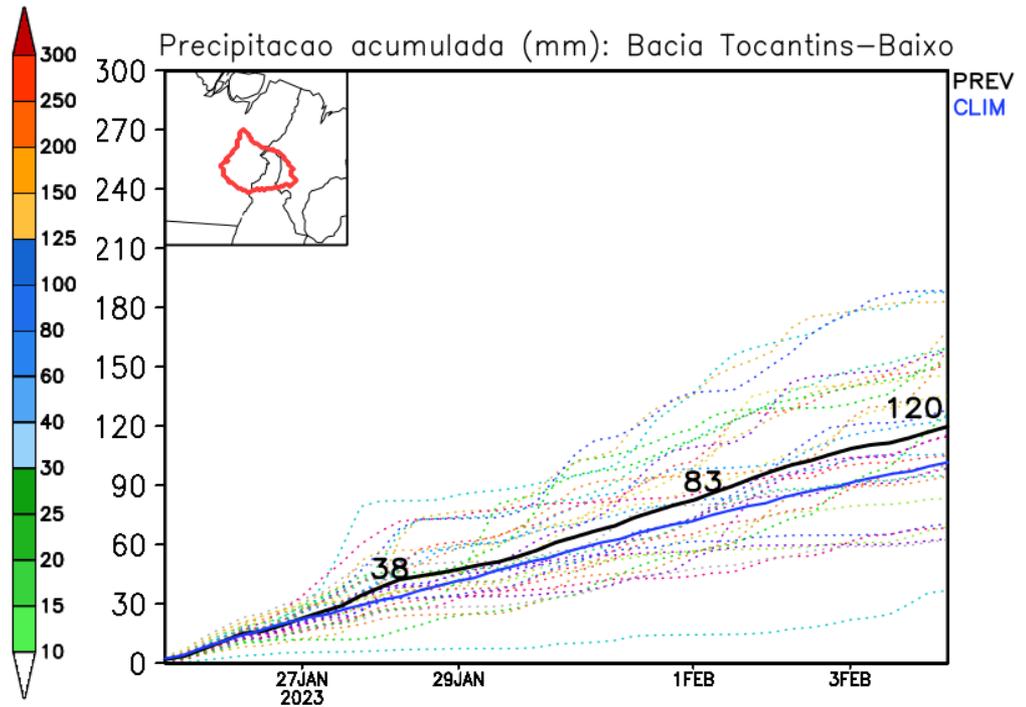
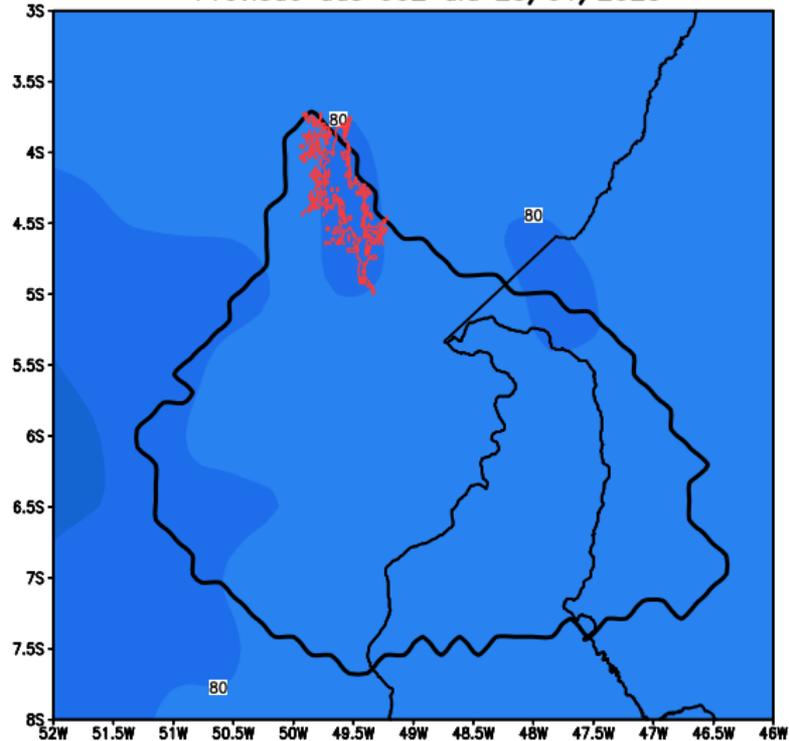
Previsão Bacia Rio Araguaia

GEFS / Bacia do Rio Araguaia
Precipitação acumulada em 7 dias (mm)
Previsão das 00Z dia 25/01/2023



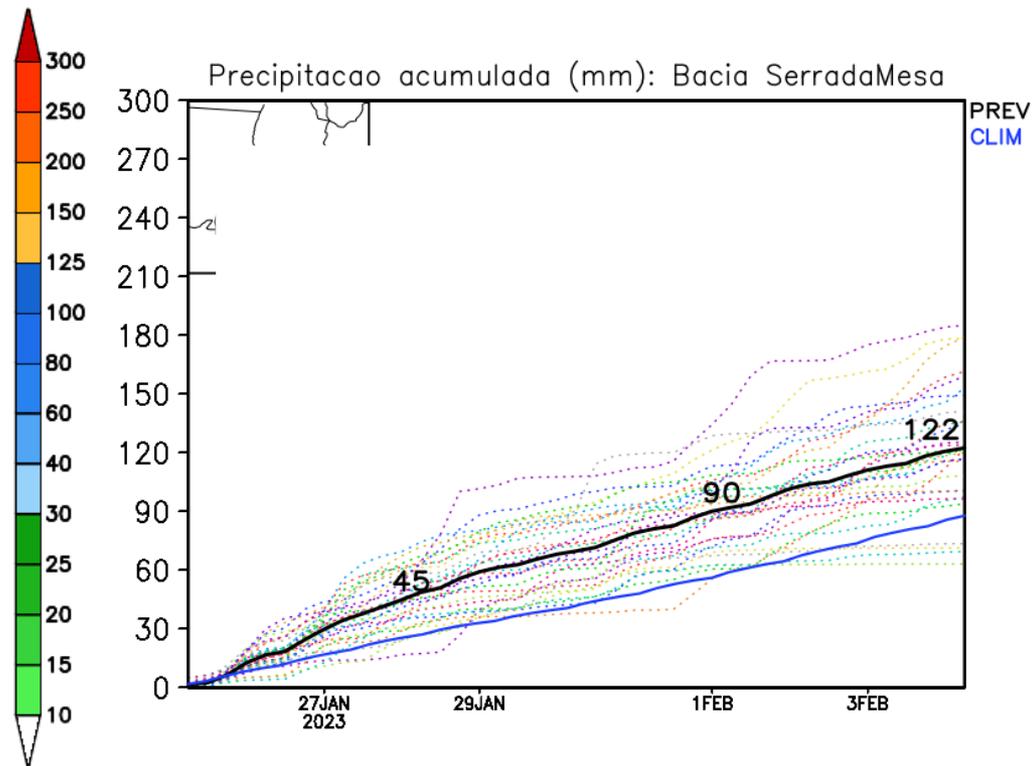
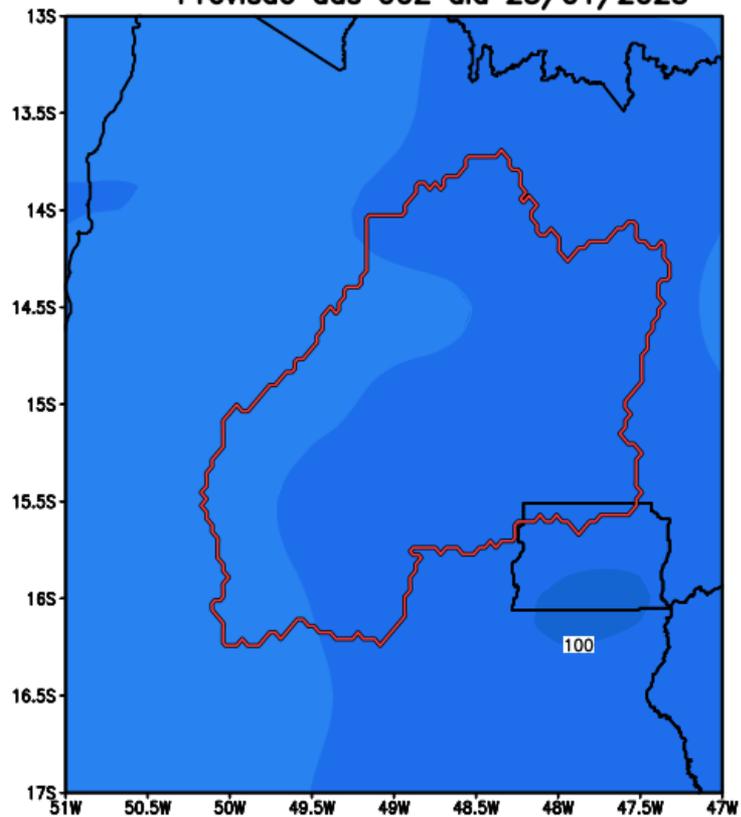
Previsão Bacia Tocantins (Baixo)

GEFS / Bacia Baixo Tocantins
Precipitacao acumulada em 7 dias (mm)
Previsao das 00Z dia 25/01/2023

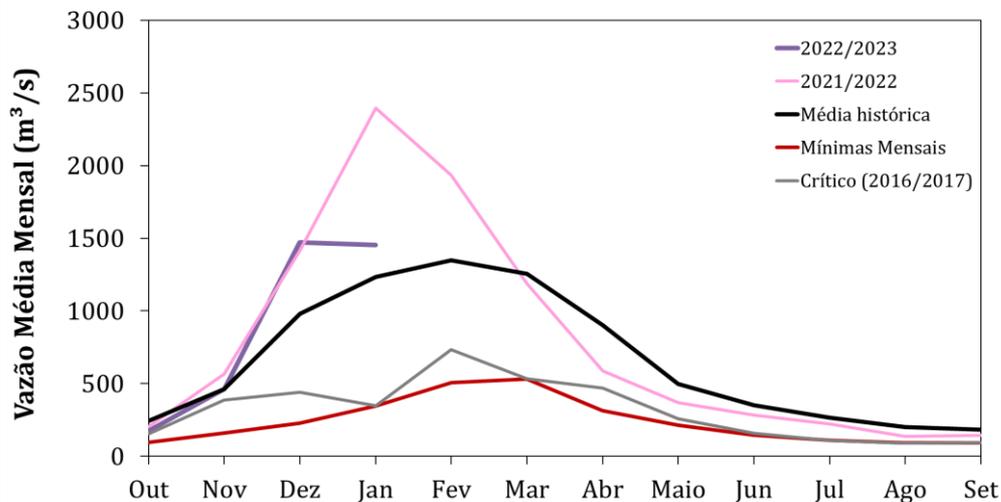
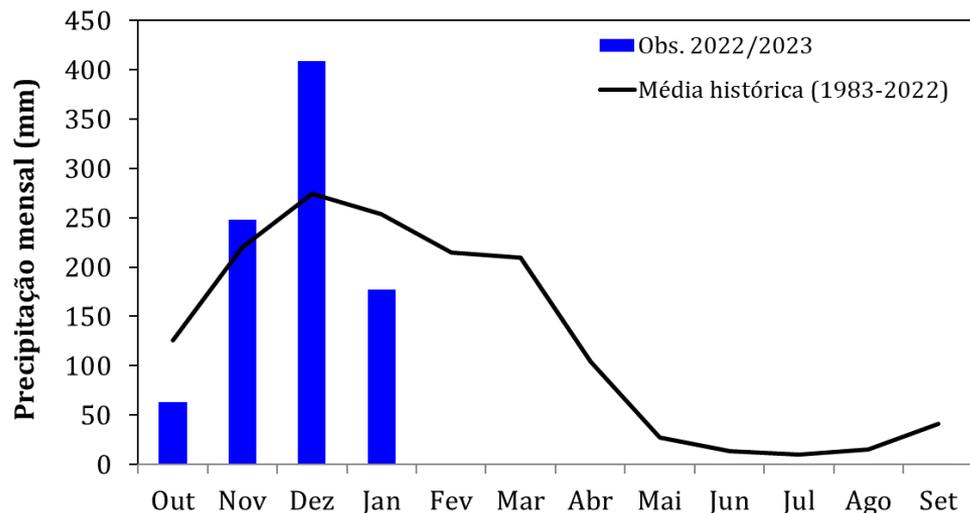


Previsão Bacia Serra da Mesa

GEFS / Bacia Serra da Mesa
Precipitacao acumulada em 7 dias (mm)
Previsao das 00Z dia 25/01/2023



Monitoramento UHE Serra da Mesa



Precipitação

Estação Chuvosa - Out a Abr – 1402 mm

2021/2022: 1473 mm (105% da média histórica)

2022/2023*: 896 mm (64% da média histórica)

Estação Seca - Maio a Set – 106 mm

2021: 28 mm (26% da média histórica)

2022: 54 mm (51% da média histórica)

Dez/2022: 408 mm (149% da média histórica)

Jan/2023*: 177 mm (94% da média histórica **histórica PARCIAL**)

*Até 23/01/2023

Vazão

Estação Chuvosa - Out a Abr – 918 m³/s

2021/2022: 1184 m³/s (129% da MLT)

2022/2023*: 891 m³/s (97% da MLT)

Estação Seca - Maio a Set – 300 m³/s

2021: 203 m³/s (68% da MLT)

2022: 231 m³/s (77% da MLT)

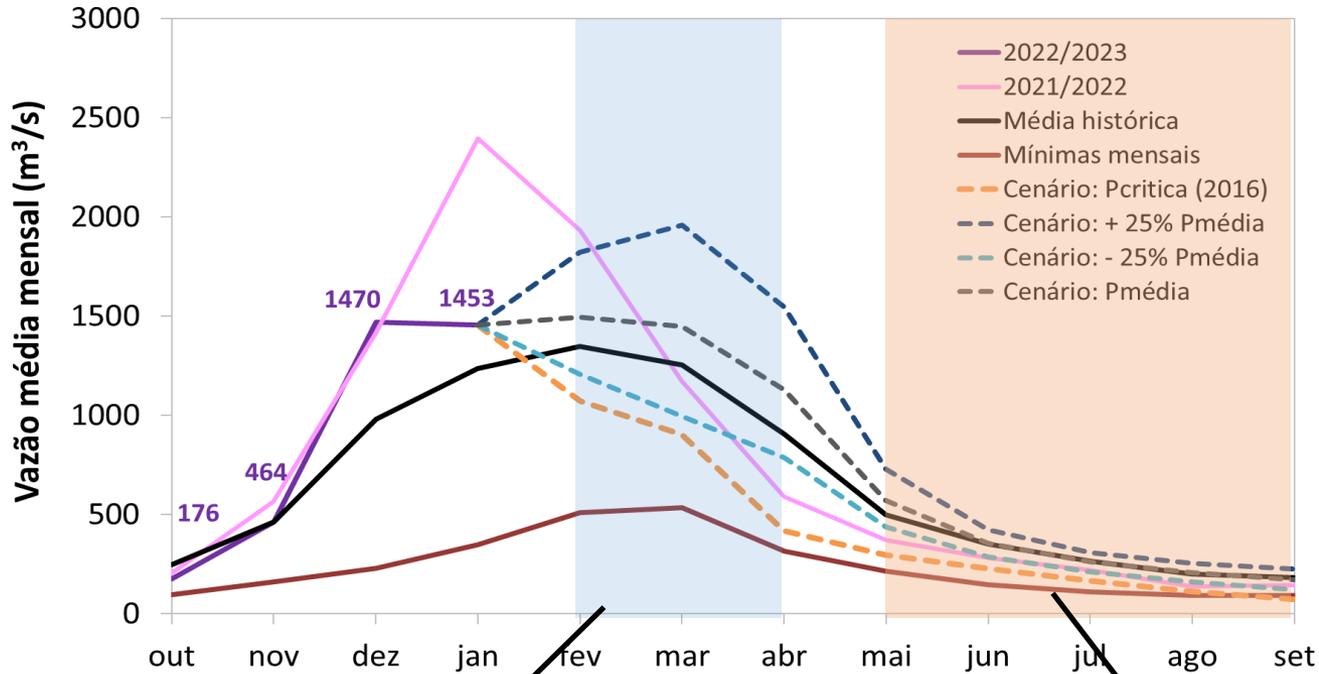
Dez/2022: 1470 m³/s (150% da MLT)

Jan/2023*: 1453 m³/s (118% da MLT)

*Até 23/01/2023

Serra da Mesa: Projeção de Vazão (modelo hidrológico PDM-CEMADEN)

Histórico e simulação de vazão natural média mensal
Previsão: 24/Jan a 02/Fev - Projeções: 03/Fev a 30/Set/23



Fev-Abr (Meses chuvosos)

MLT: 1168 m³/s

Vazão	% MLT
1776 m³/s	152%
1357 m³/s	116%
996 m³/s	85%
797 m³/s	68%

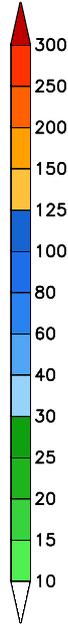
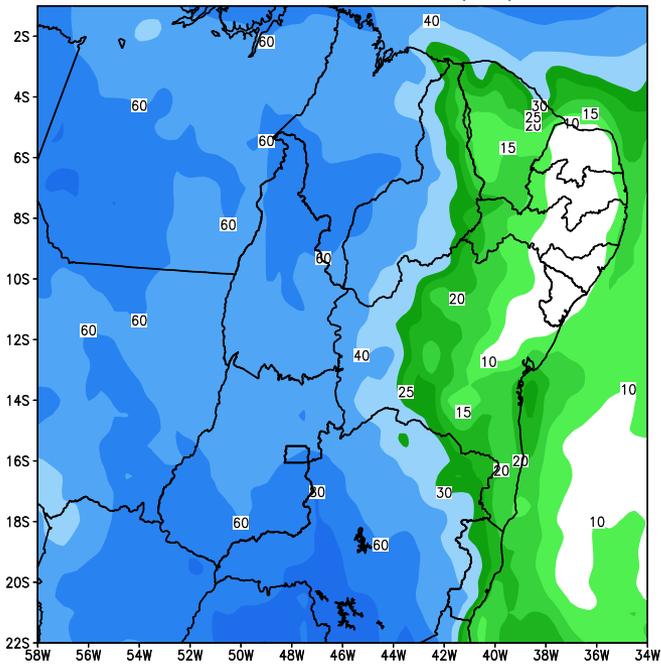
Mai-Set (Meses secos)

MLT: 300 m³/s

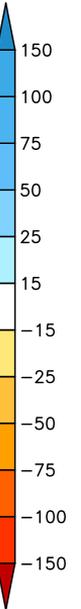
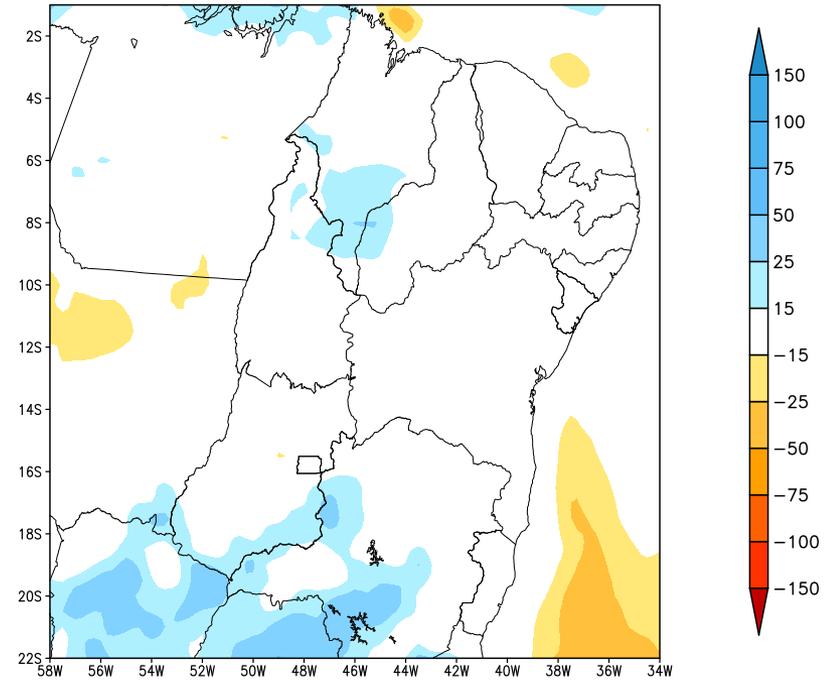
Vazão	% MLT
387 m³/s	129%
312 m³/s	104%
242 m³/s	81%
174 m³/s	58%

Tendência para a 2a Semana

GEFS / BRASIL_NE
Precipitacao acumulada 2aSem (mm)
Previsao das 00Z dia 25/01/2023

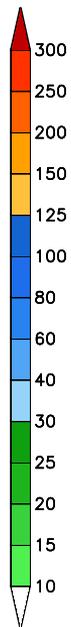
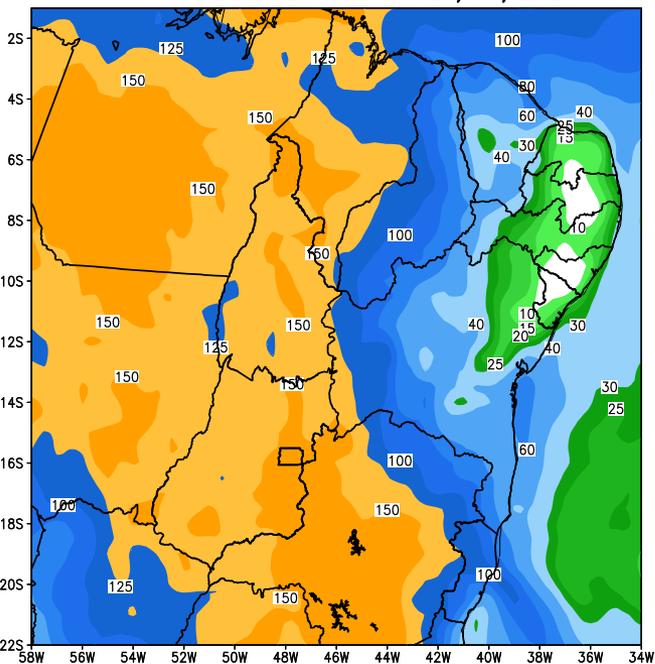


Anomalia de Precipitacao BR_NE (mm)
Periodo: 2023020200 a 2023020800

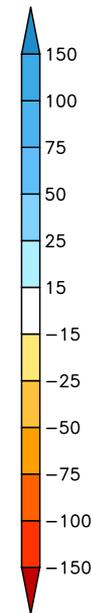
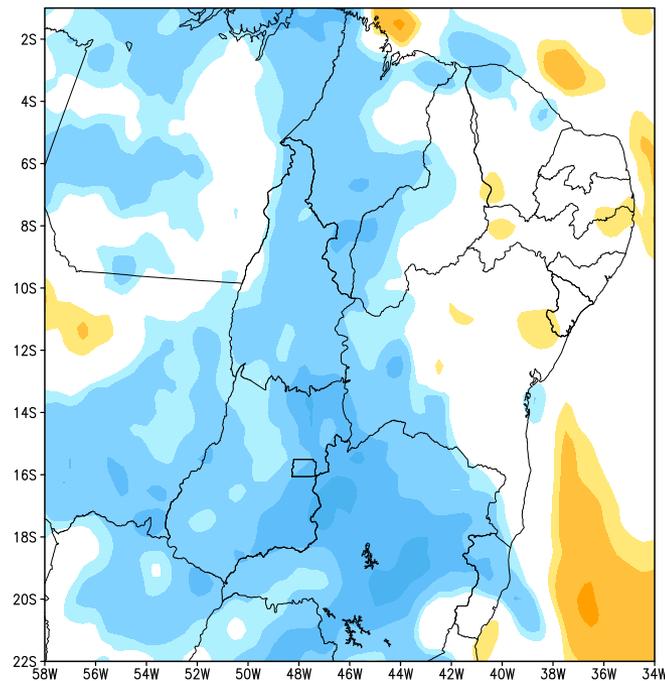


Tendência para as próximas duas semanas

GEFS / BRASIL_NE
Precipitacao acumulada 14dias (mm)
Previsao das 00Z dia 25/01/2023

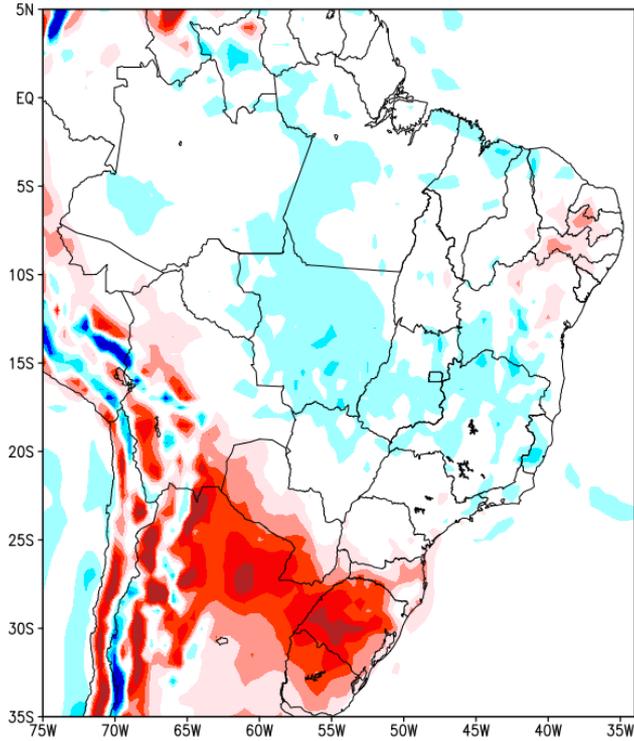


Anomalia de Precipitacao BR NE (mm)
Periodo: 2023012500 a 2023020800

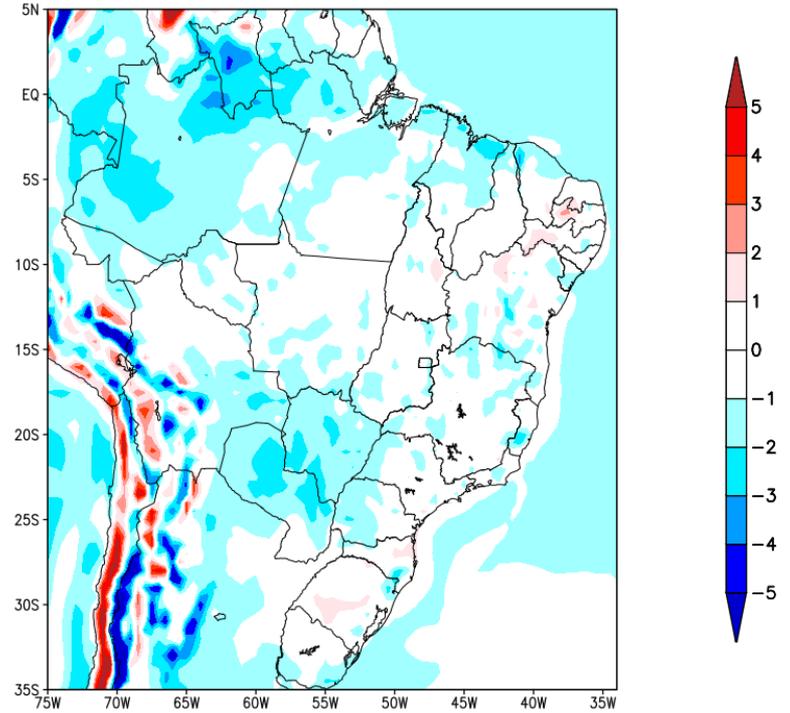


Previsão de Temperatura

Anomalia de Temperatura BR (C)
Período: 2023012500 a 2023020100

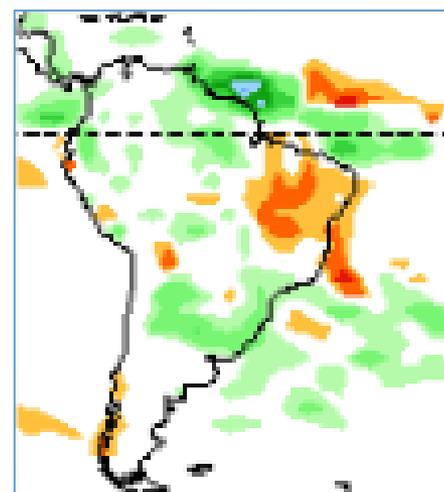
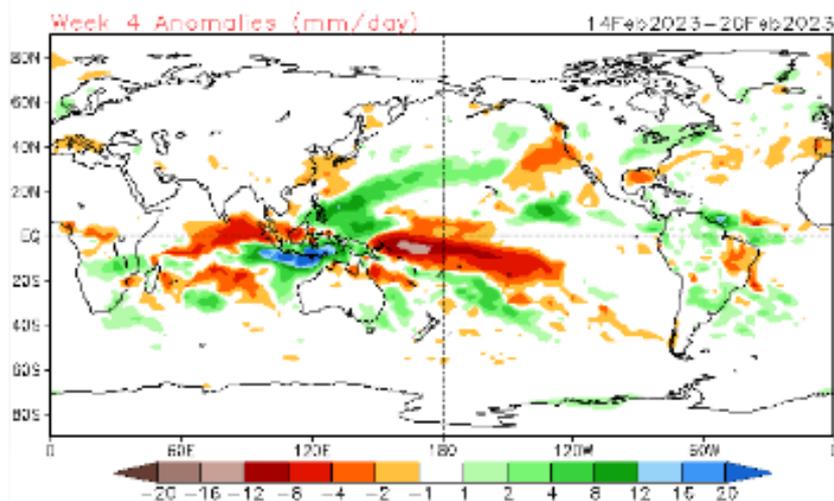
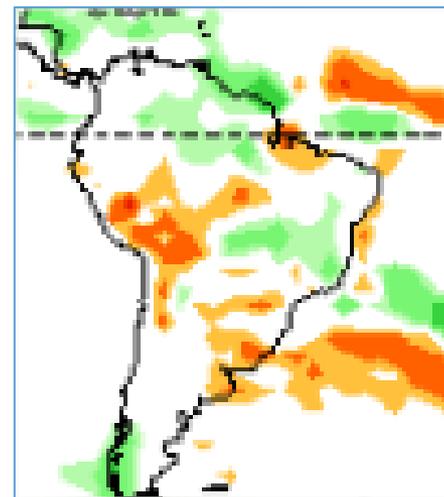
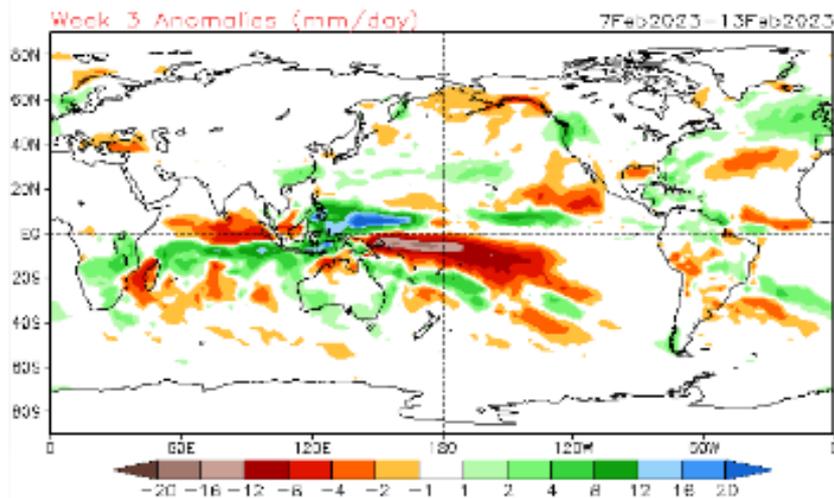


Anomalia de Temperatura BR (C)
Período: 2023020200 a 2023020800



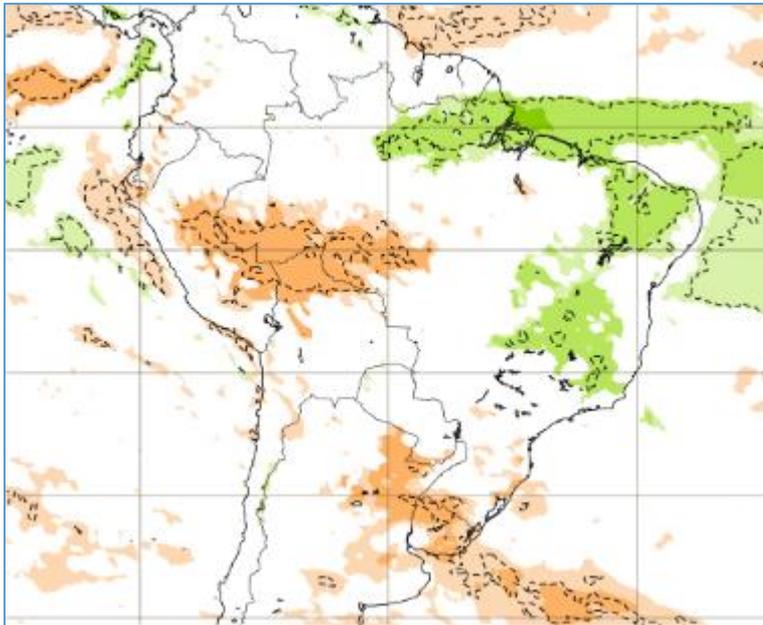
Tendência 3a e 4a semanas

15 Member Ensemble Mean Forecast from 23Jan2023

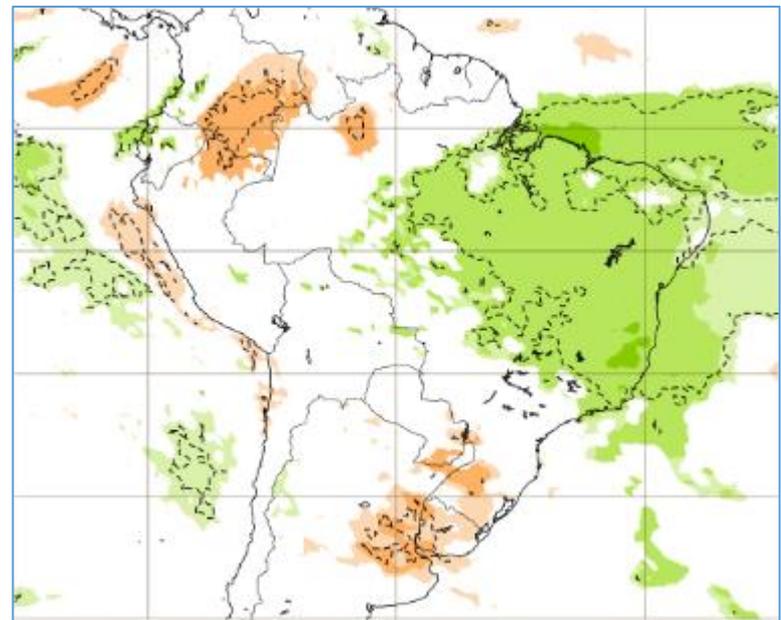


Tendência para 3ª e 4ª semanas

06-13/02

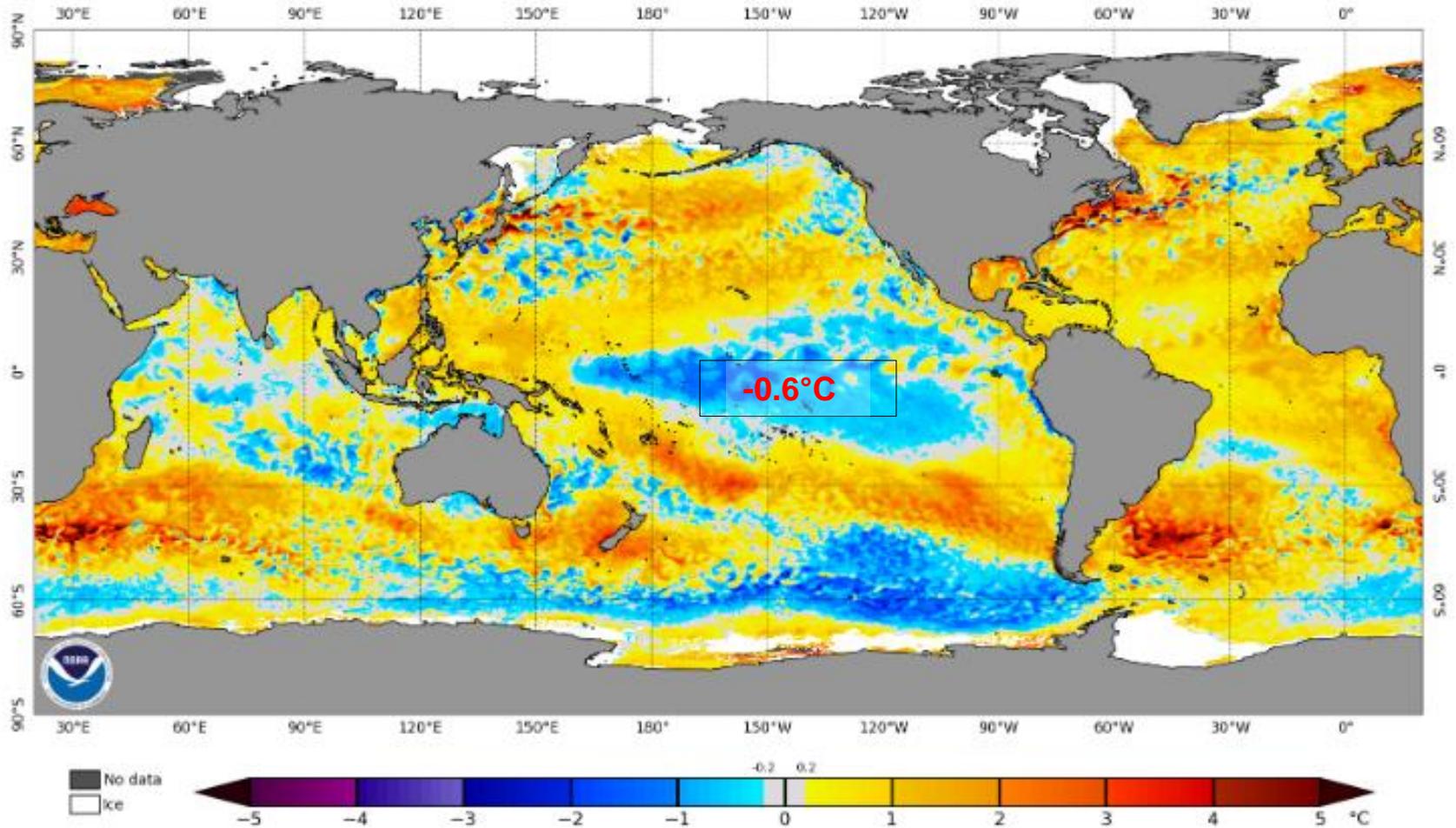


13-20/02



Status Atual: La Niña

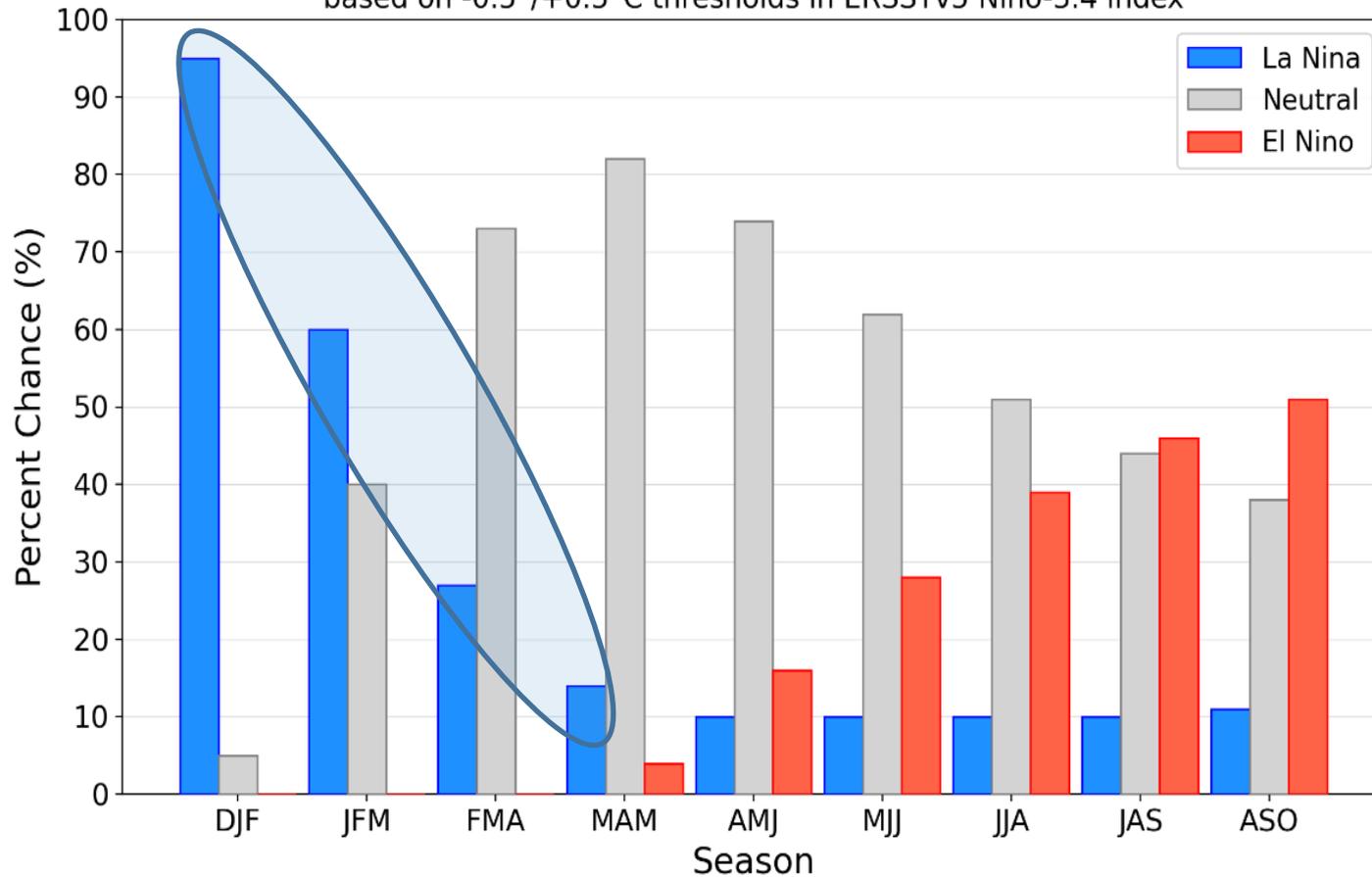
NOAA Coral Reef Watch Daily 5km SST Anomalies (v3.1) 22 Jan 2023



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

