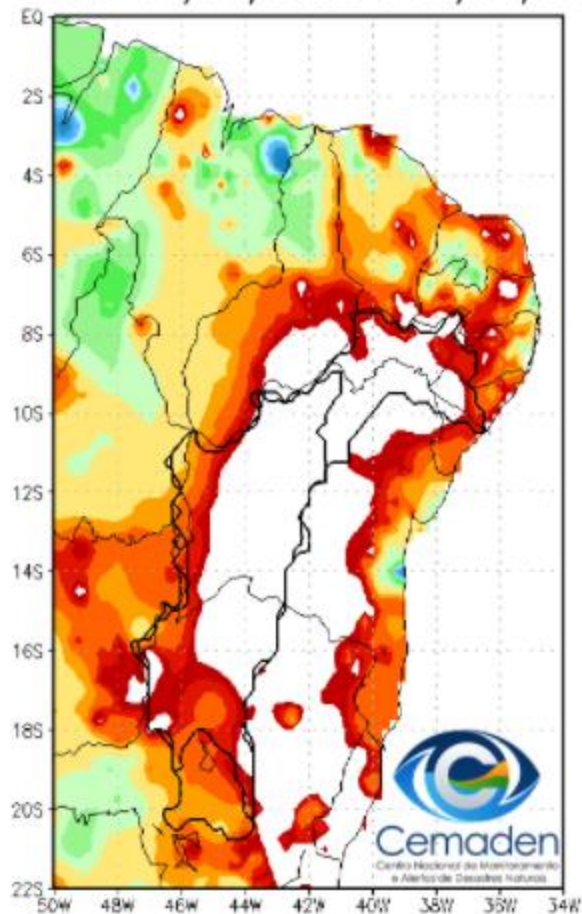


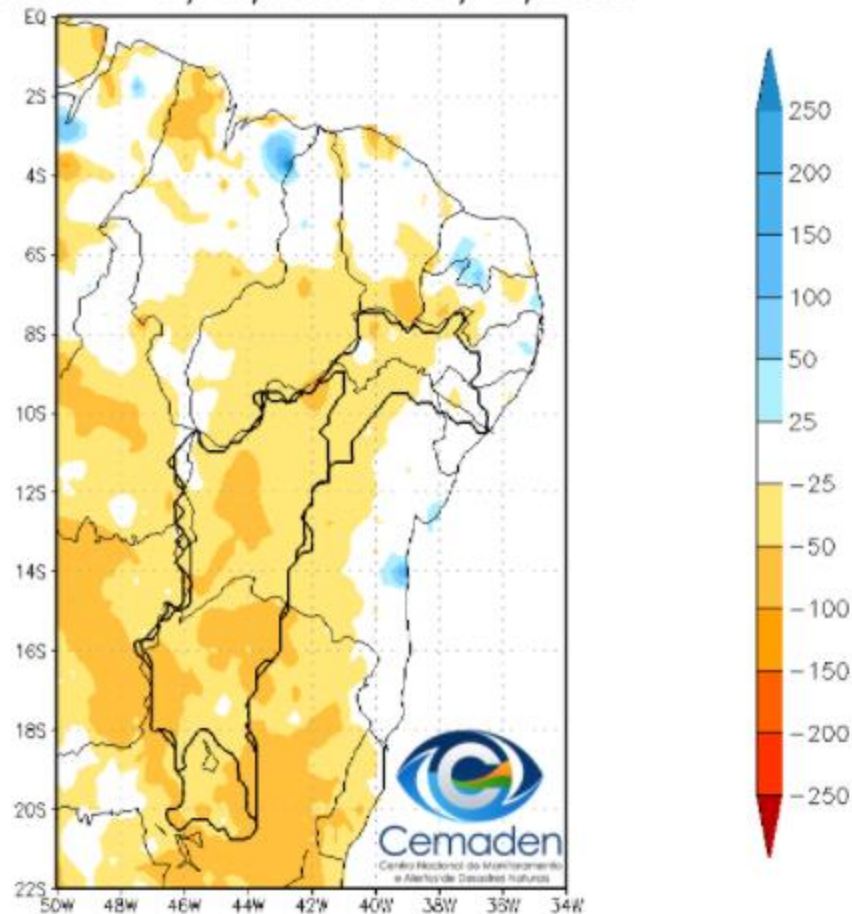
Monitoramento, Previsões e Projeções para a Bacia do Rio São Francisco

Chuva nos últimos 10 dias

Precipitacao Acumulada (mm) A.S.
Período: 14/01/2022 a 24/01/2022

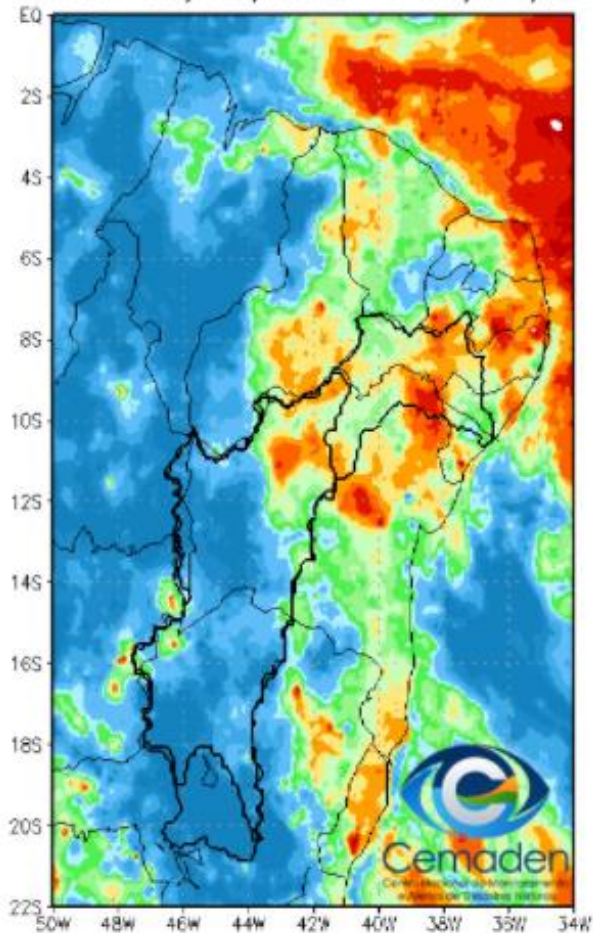


Anomalia de Precipitacao (mm) A.S.
Período: 14/01/2022 a 24/01/2022

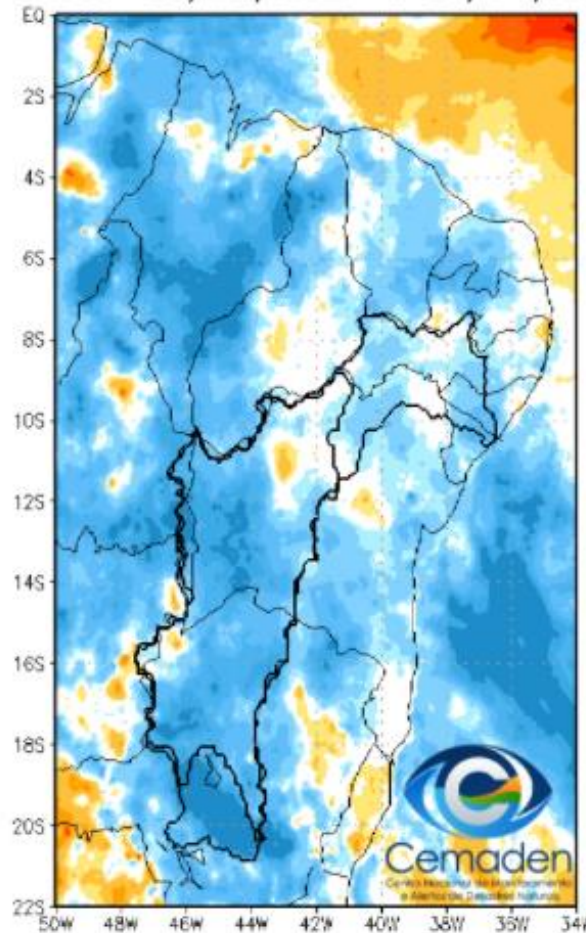


Chuva dos últimos 30 dias

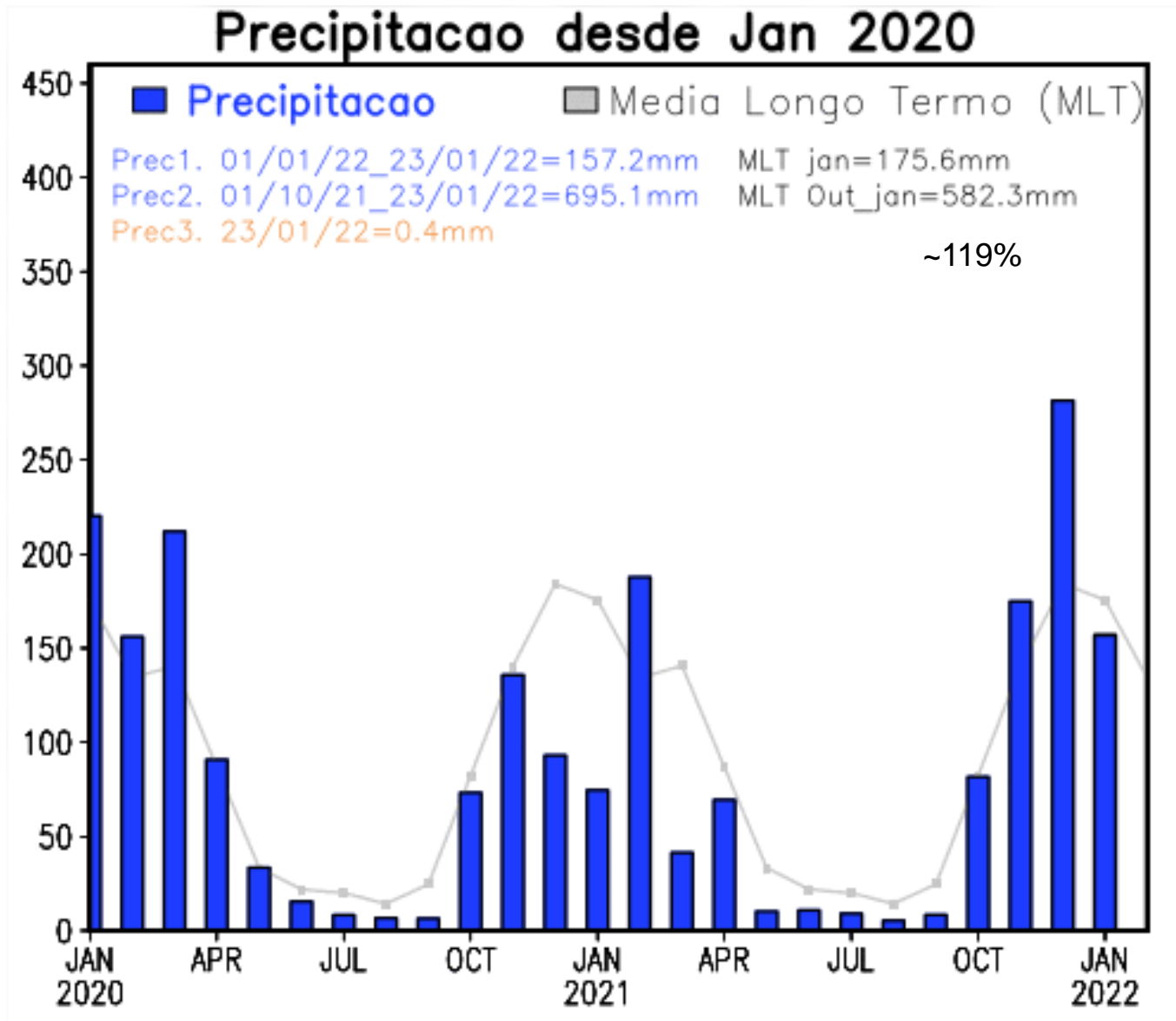
Precipitacao Acumulada (mm) A.S.
Período: 25/12/2021 a 24/01/2022



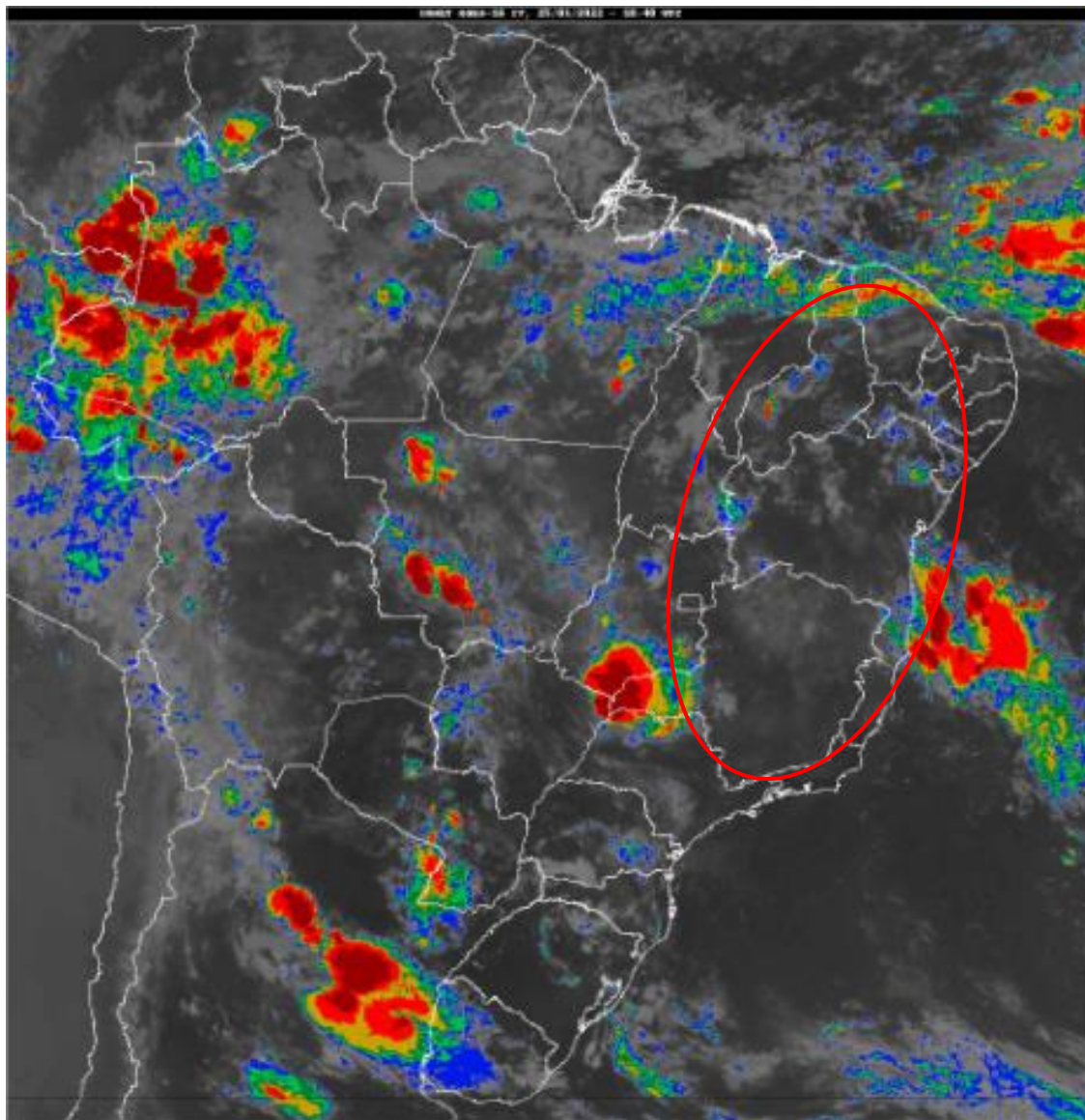
Anomalia de Precipitacao (mm) A.S.
Período: 25/12/2021 a 24/01/2022



Bacia do rio São Francisco

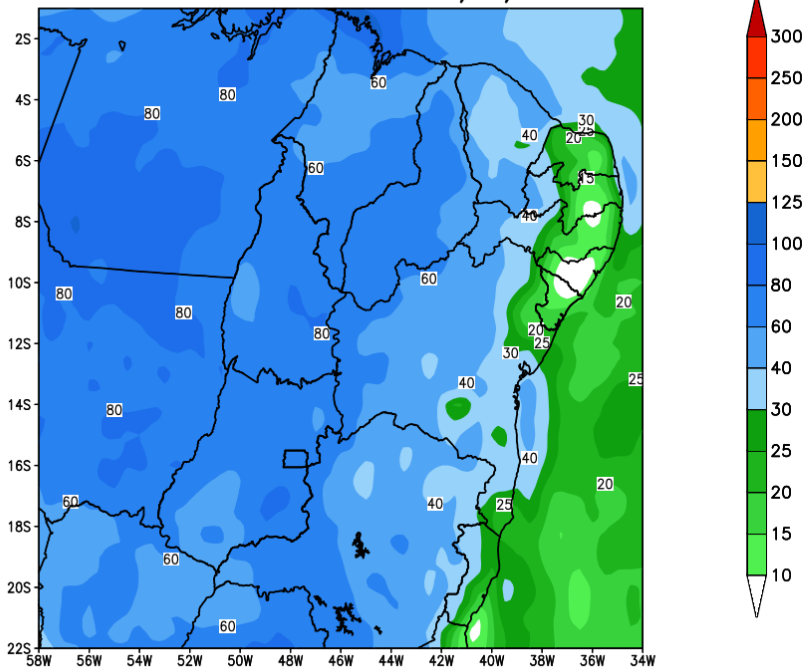


Situação Meteorológica atual

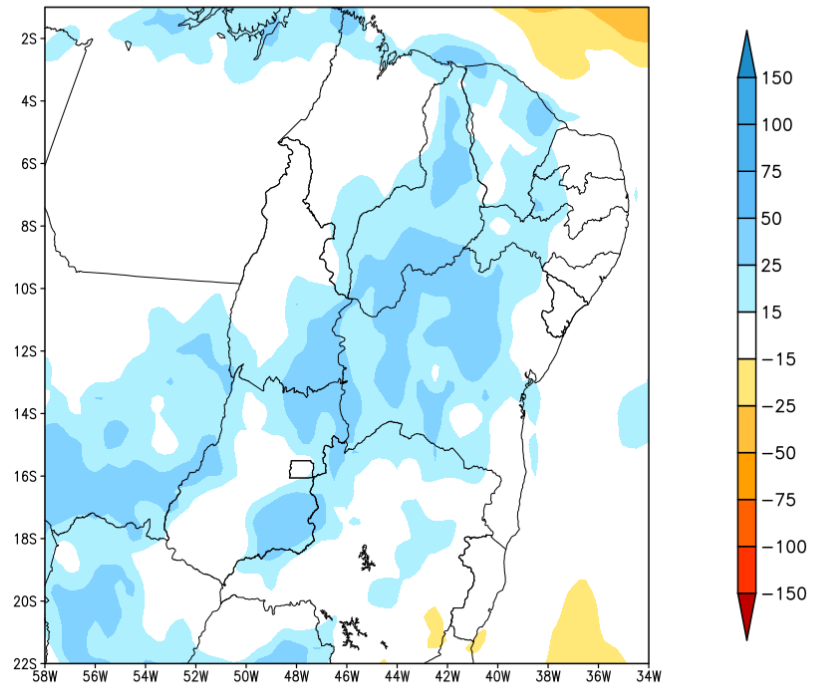


Previsão de chuva próximos 7 dias

GEFS / BRASIL_NE
Precipitacao acumulada 1aSem (mm)
Previsao das 00Z dia 25/01/2022



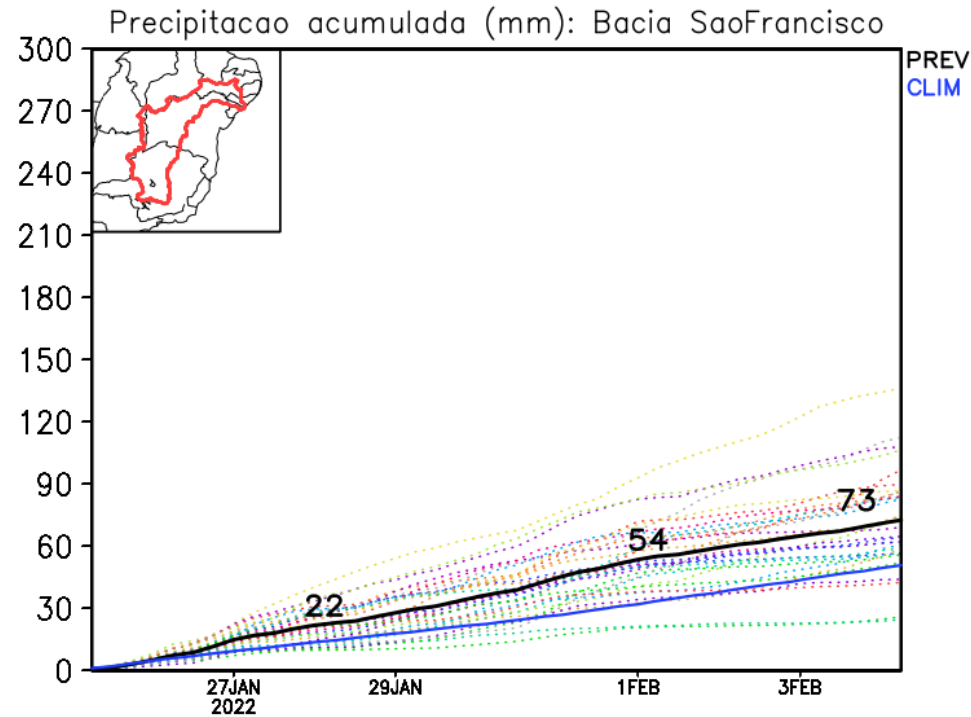
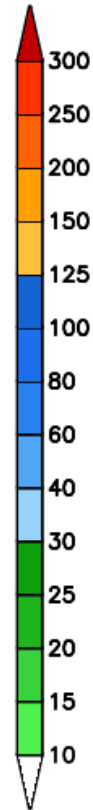
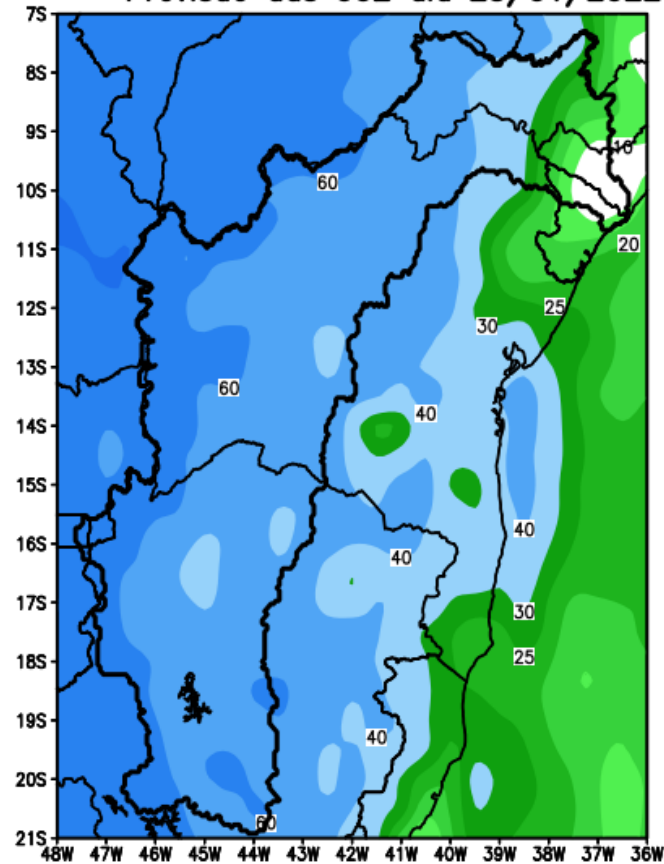
Anomalia de Precipitacao BR_NE (mm)
Periodo: 2022012500 a 2022020100



Fonte: GEFS/NOAA

Bacia do rio São Francisco

GEFS / Bacia do Rio Sao Francisco
Precipitacao acumulada em 7 dias (mm)
Previsao das 00Z dia 25/01/2022

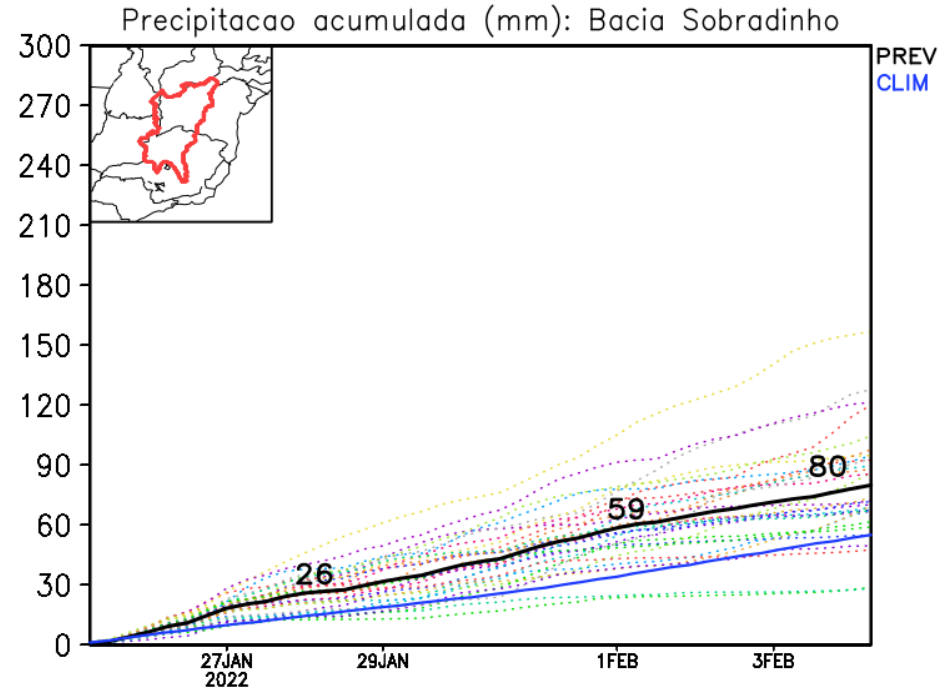
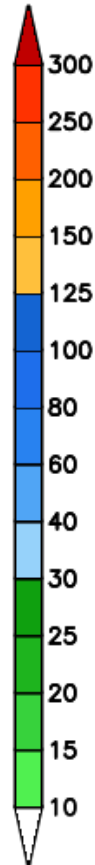
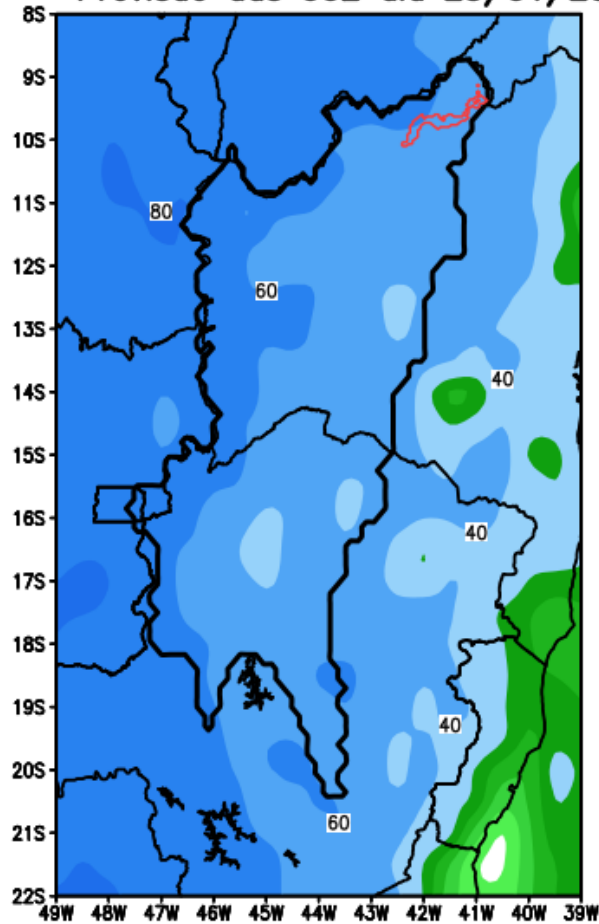


Bacia de Sobradinho

GEFS / Sobradinho

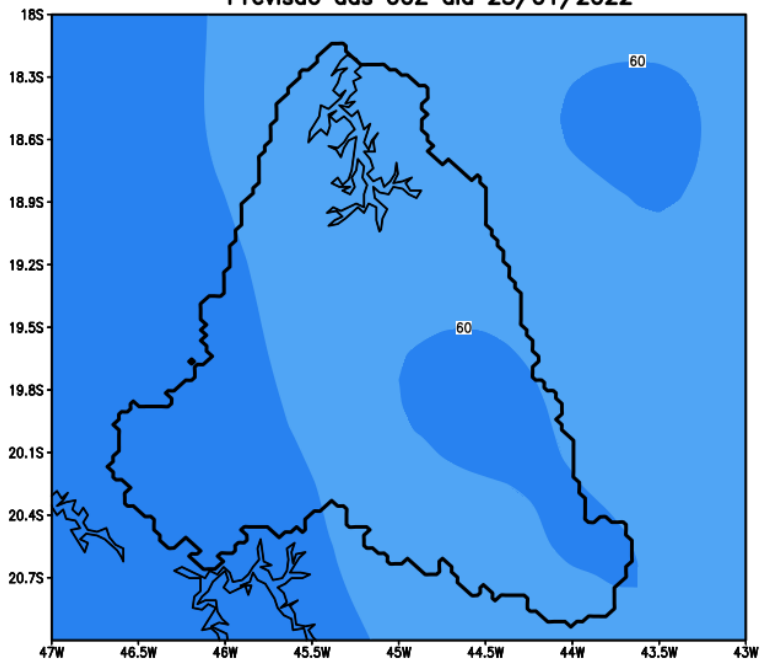
Precipitacao acumulada em 7 dias (mm)

Previsao das 00Z dia 25/01/2022

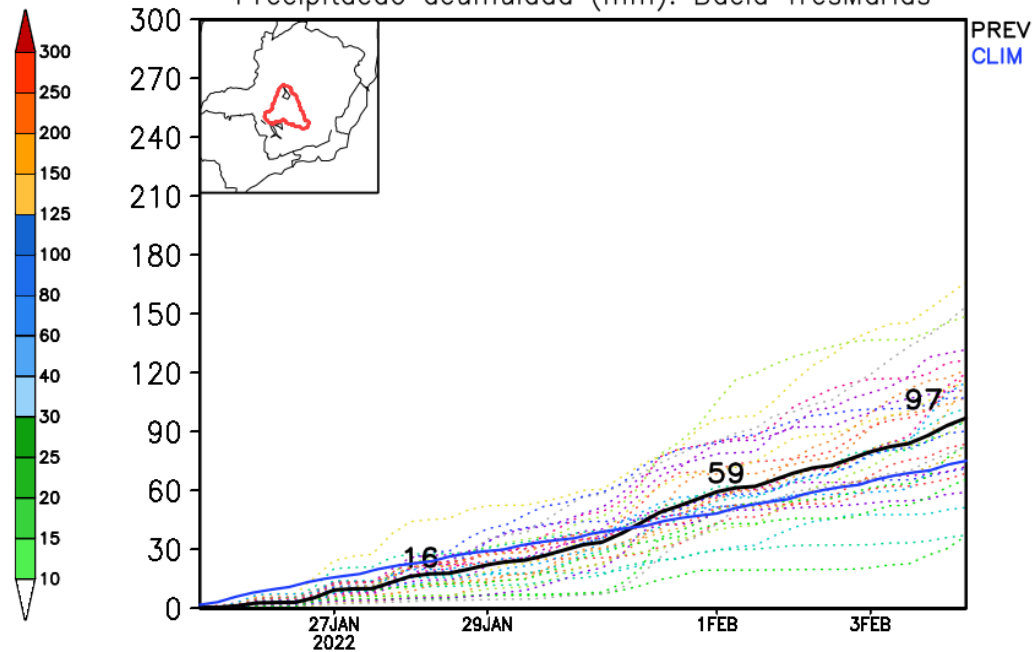


Bacia de Três Marias

GEFS / Tres Marias
Precipitacao acumulada em 7 dias (mm)
Previsao das 00Z dia 25/01/2022

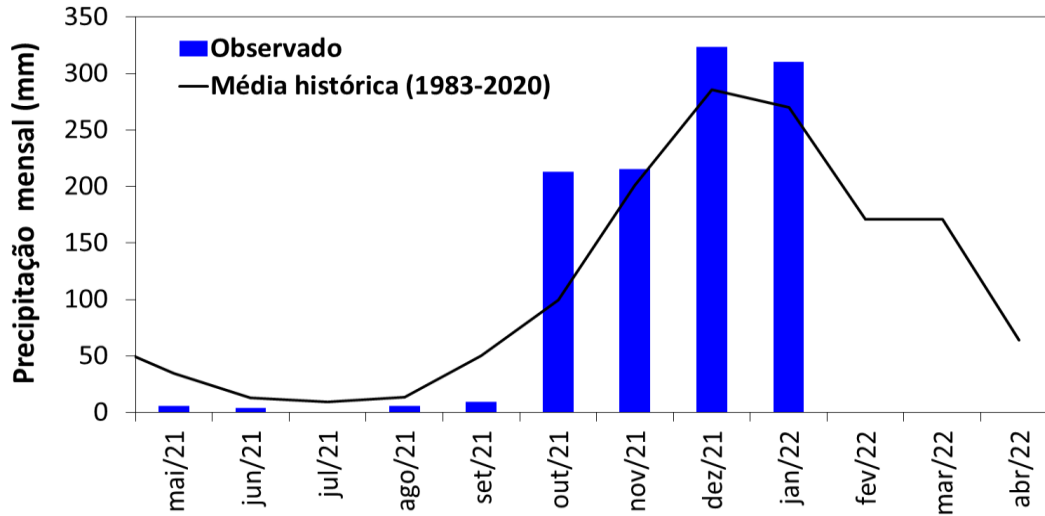


Precipitacao acumulada (mm): Bacia TresMarias



Monitoramento UHE Três Marias

Precipitação



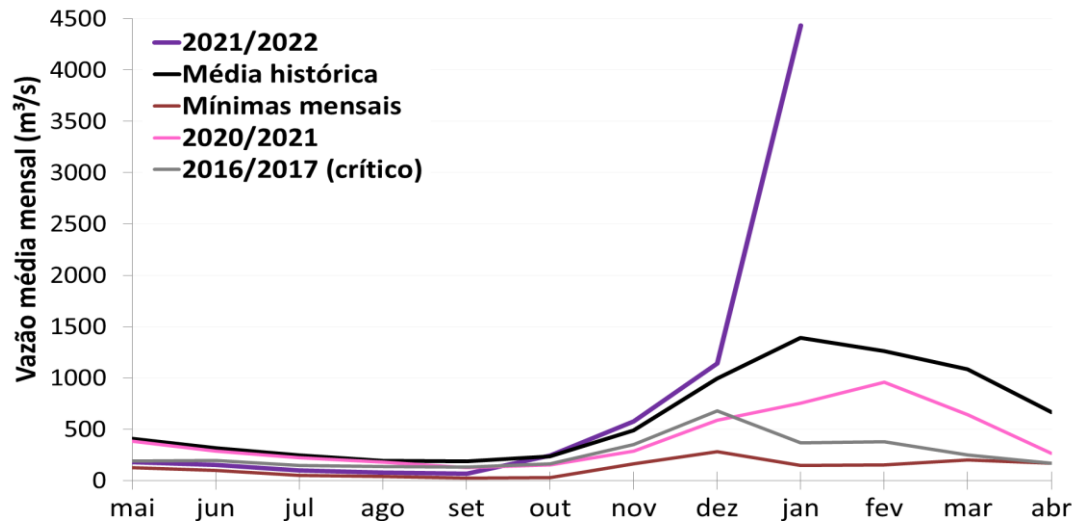
Estação Chuvosa - Out a Mar - 1198 mm
 2020/2021: 1061 mm (89% da média histórica)
 2021/2022*: 1062 mm (89% da média histórica)

Estação Seca - Abr a Set - 185 mm
 2020: 129 mm (70% da média histórica)
 2021: 34 mm (18% da média histórica)

Dez/21: 323 mm (113% da média histórica)
Jan/22*: 310 mm (115% da média histórica)

* Até dia 23/01/2022

Vazão



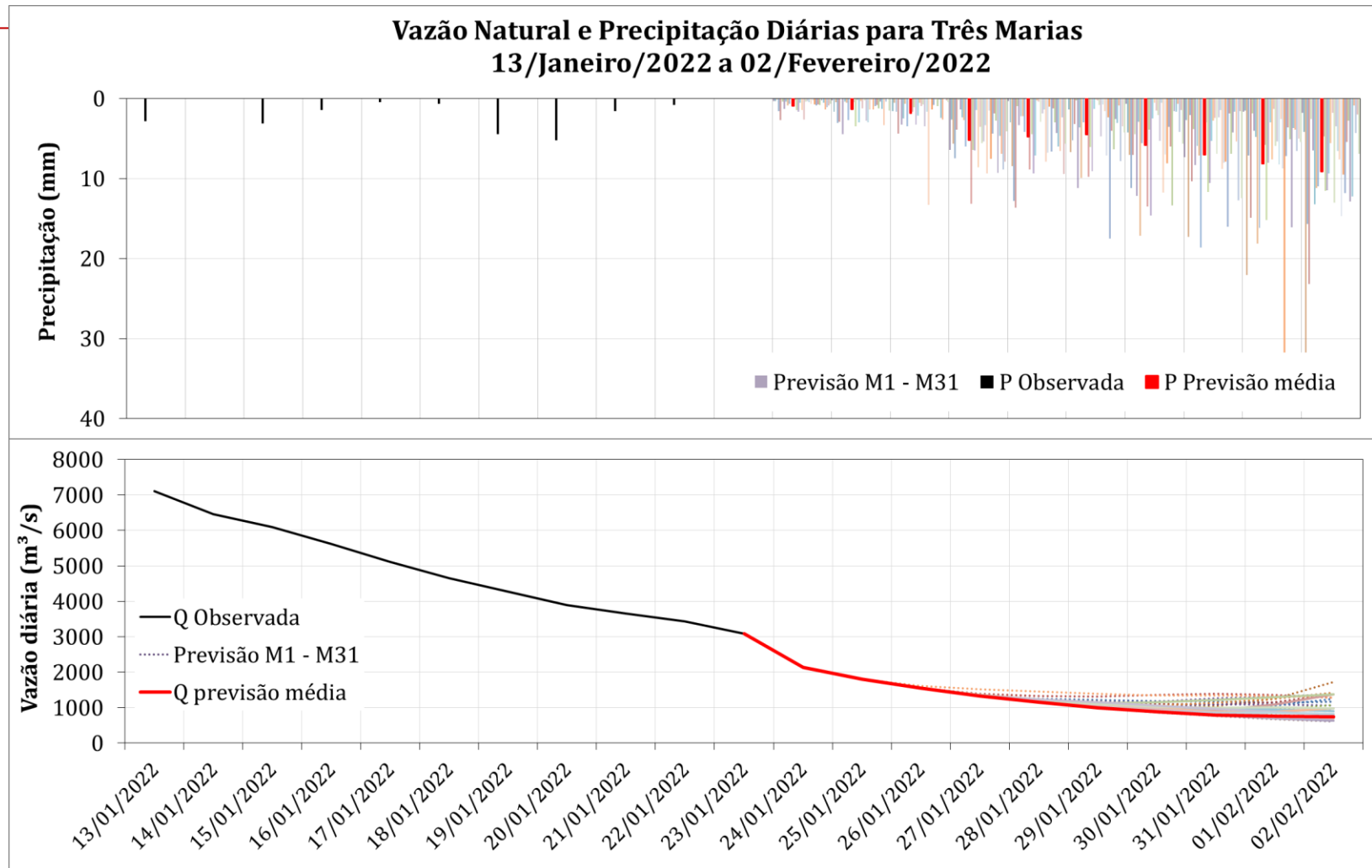
Estação Chuvosa - Nov a Abr - 981 m³/s
 2020/2021: 581 m³/s (59% da MLT)
 2021/2022: 2051 m³/s (209% da MLT)

Estação Seca - Maio a Out - 264 m³/s
 2020: 225 m³/s (85% da MLT)
 2021: 135 m³/s (51% da MLT)

Dez/21: 1142 m³/s (115% da MLT)
Jan/22: 4434 m³/s (319% da MLT)

* Até dia 23/01/2022

UHE Três Marias: Previsão de Vazão (modelo PDM)



Dados **observados de precipitação** (barras pretas) para o período 13/01 a 23/01 e **previsão** para o período de 24/01 a 02/02
Dados **observados de vazão** (linha preta) para o período 13/01 a 23/01/22 e **previsão** para o período de 24/01 a 02/02/22.

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

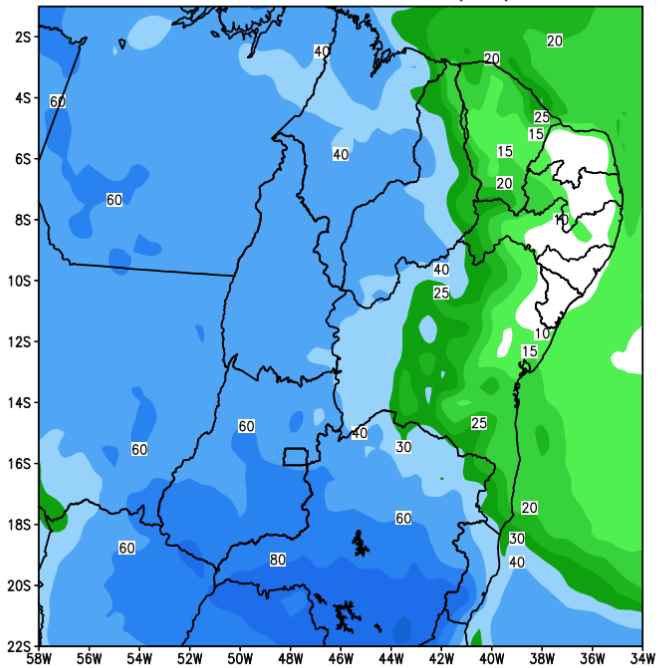
As linhas coloridas representam os membros de previsão de vazão.

A linha cinza refere-se a vazão simulada com dado observado de precipitação, para o dia 10/01/2022.

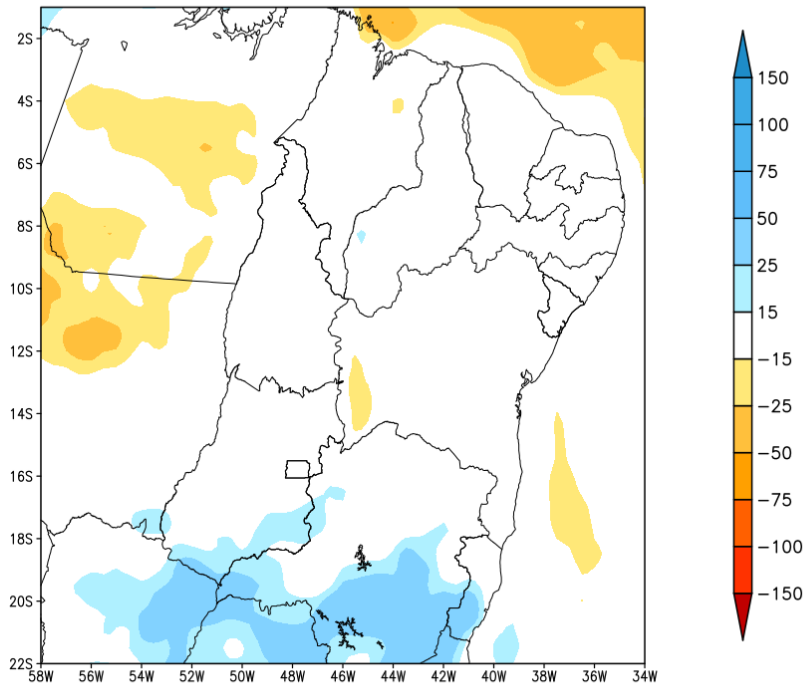
Previsão média para os próximos 10 dias: 1172 m³/s

Tendência para a 2a semana

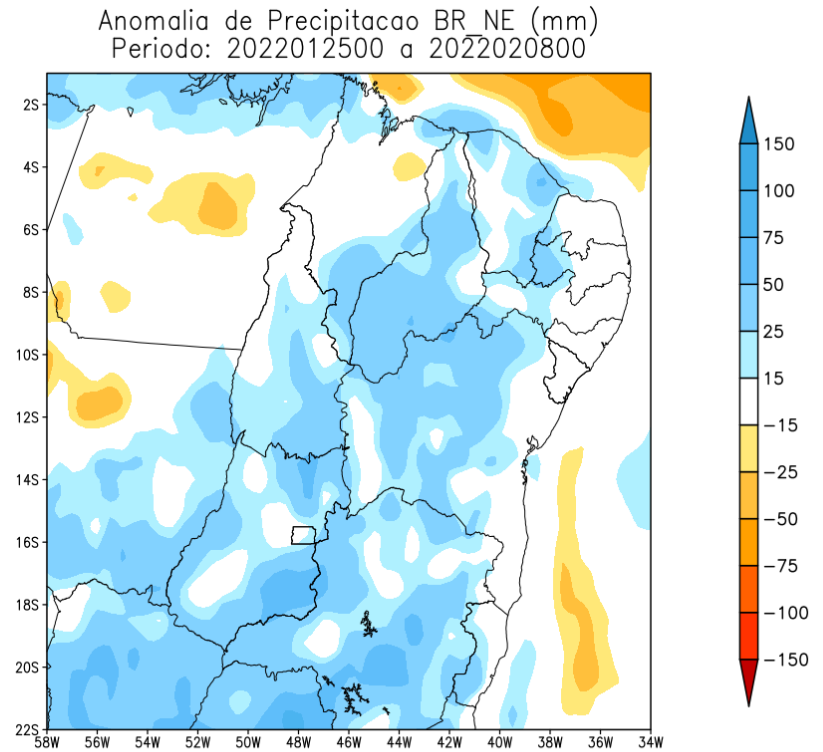
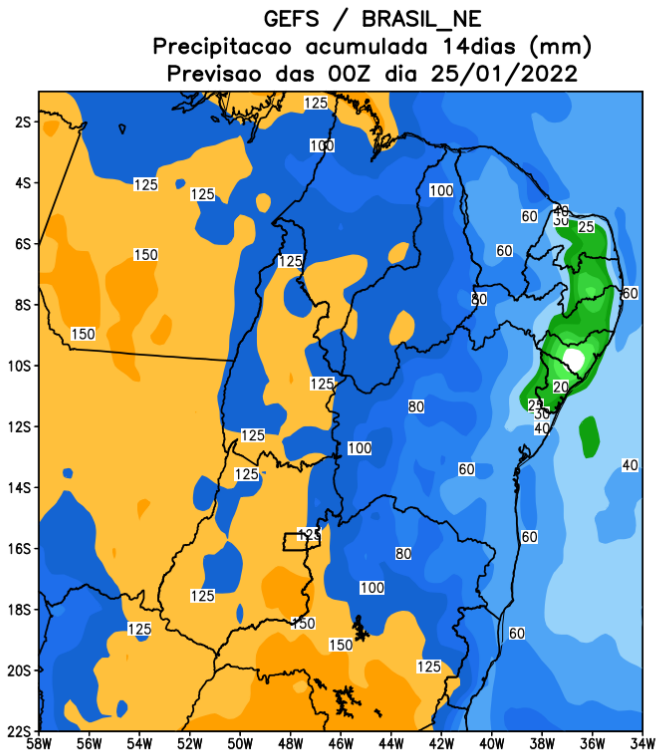
GEFS / BRASIL_NE
Precipitacao acumulada 2aSem (mm)
Previsao das 00Z dia 25/01/2022



Anomalia de Precipitacao BR_NE (mm)
Periodo: 2022020200 a 2022020800



Tendência para as próximas duas semanas



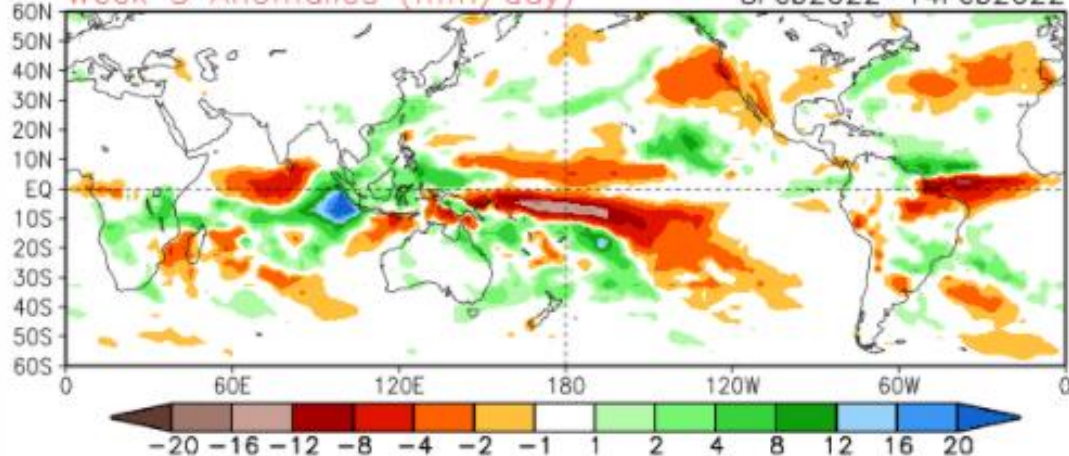
Modelo GFS/NOAA

Tendência para 3ª e 4ª semanas

16 Member Ensemble Mean Forecast from 24Jan2022

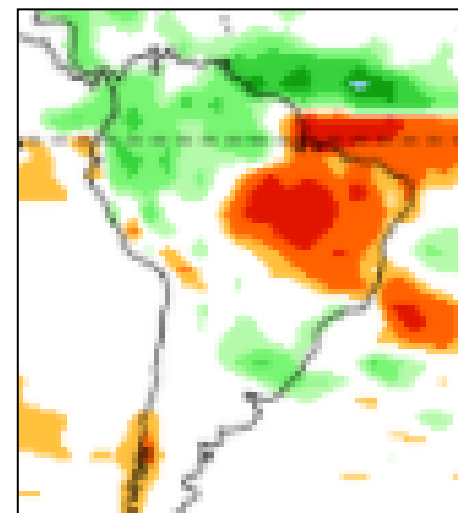
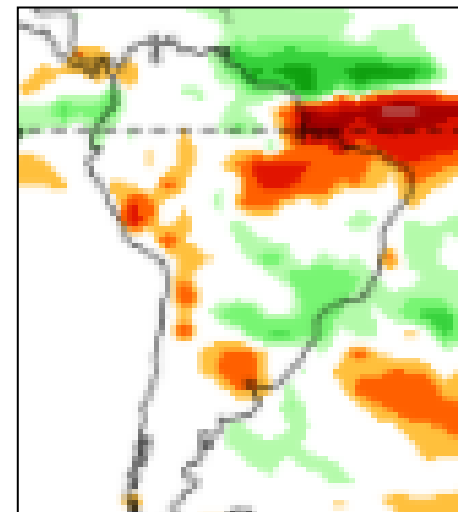
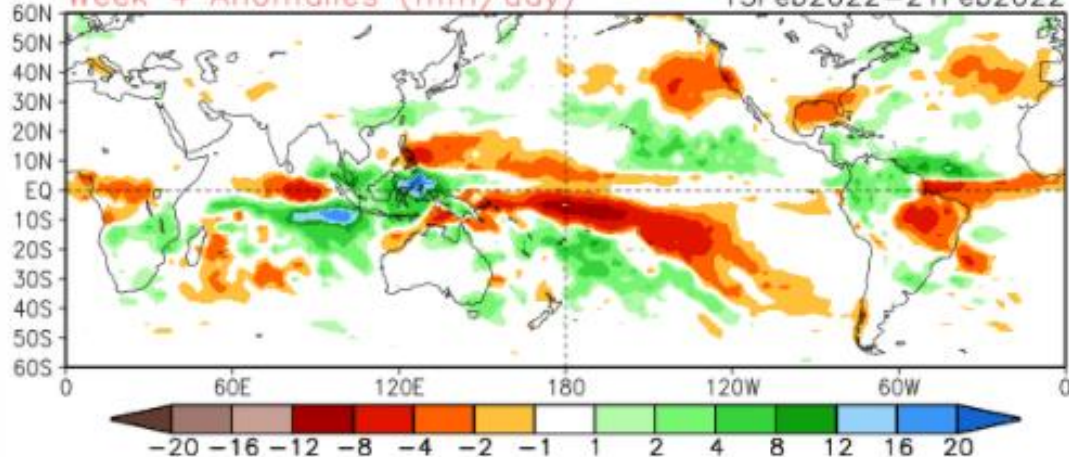
Week 3 Anomalies (mm/day)

8Feb2022-14Feb2022



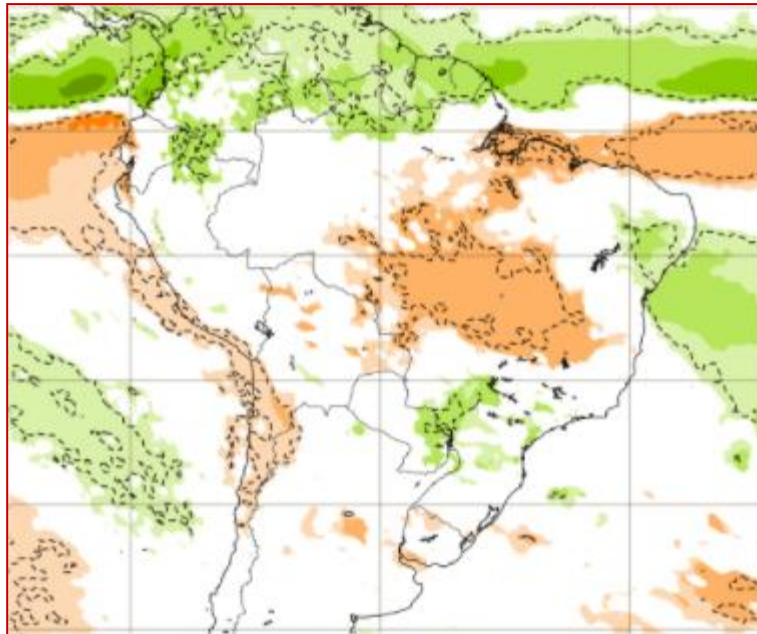
Week 4 Anomalies (mm/day)

15Feb2022-21Feb2022

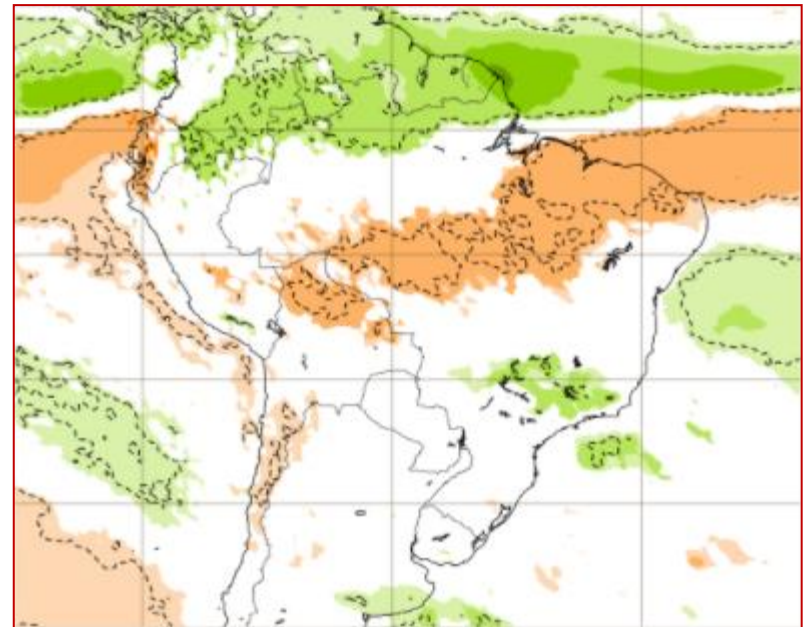


Tendência para 3ª e 4ª semanas

07-14-02

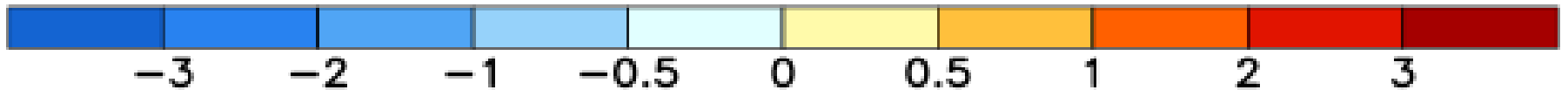
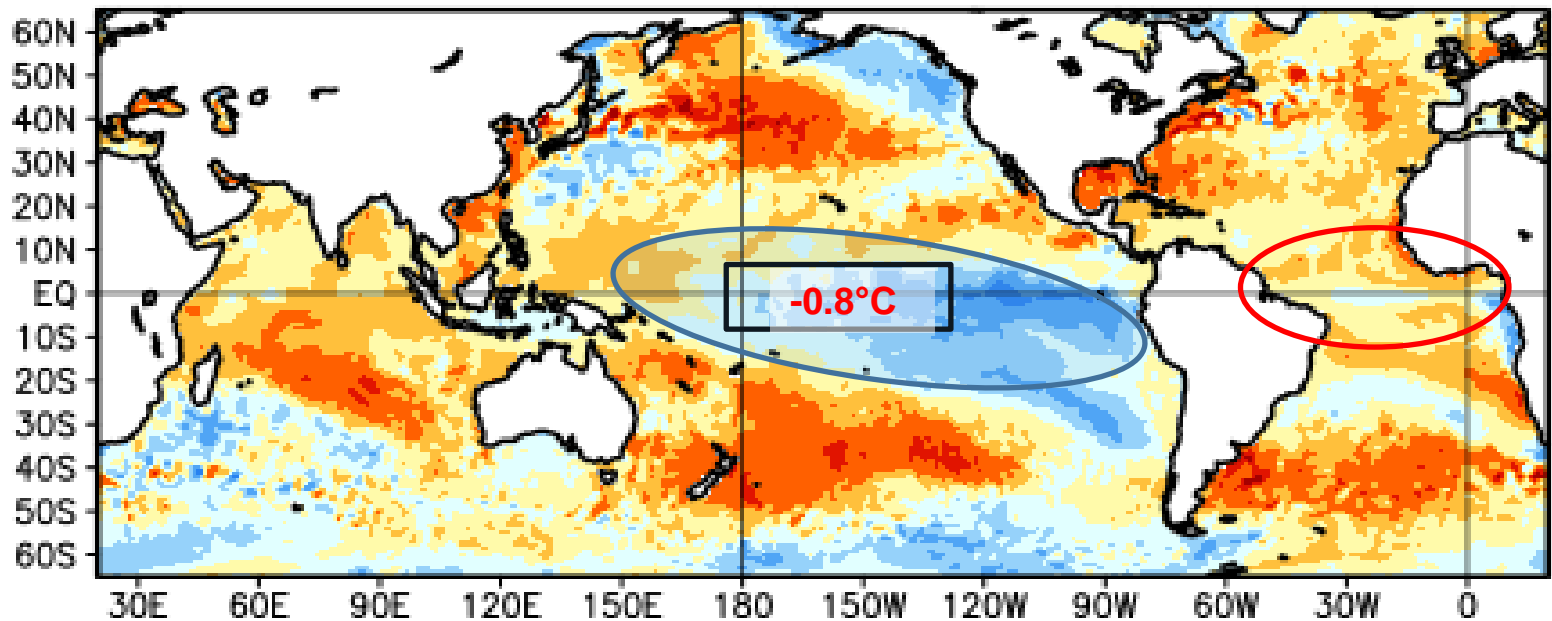


14-21/02



Status Atual: **La Niña**

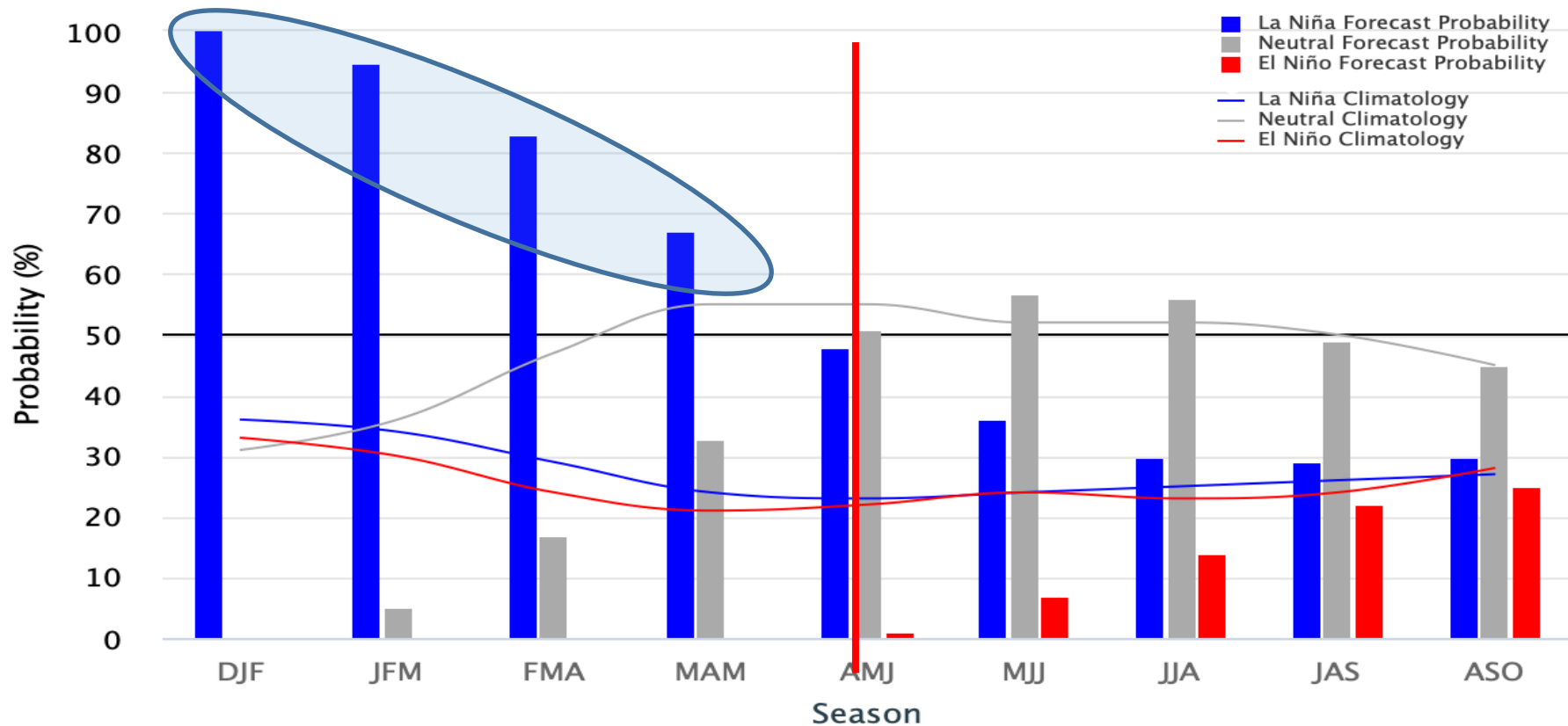
Average SST Anomalies 26 DEC 2021 – 22 JAN 2022



Previsão do “La Niña”

Early-January 2022 CPC/IRI Official Probabilistic ENSO Forecasts

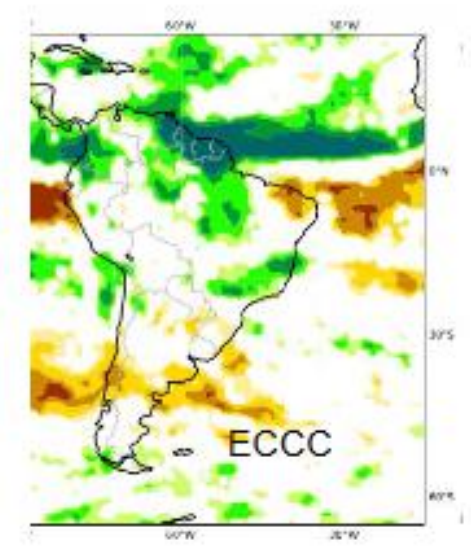
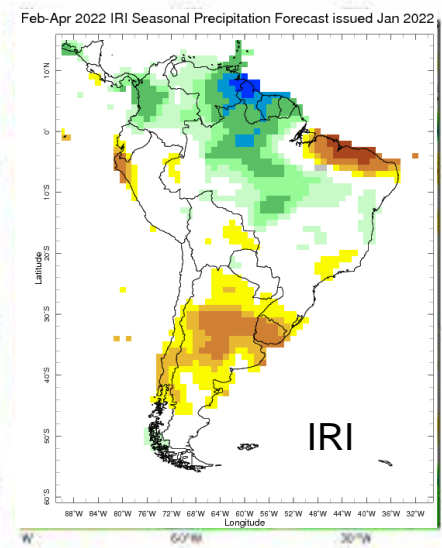
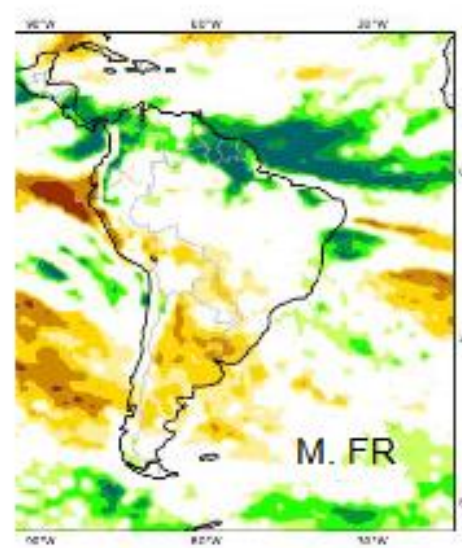
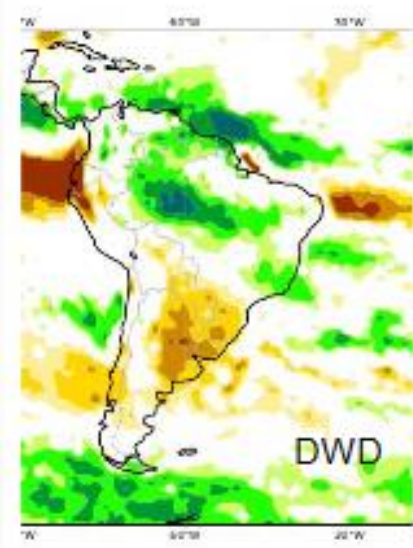
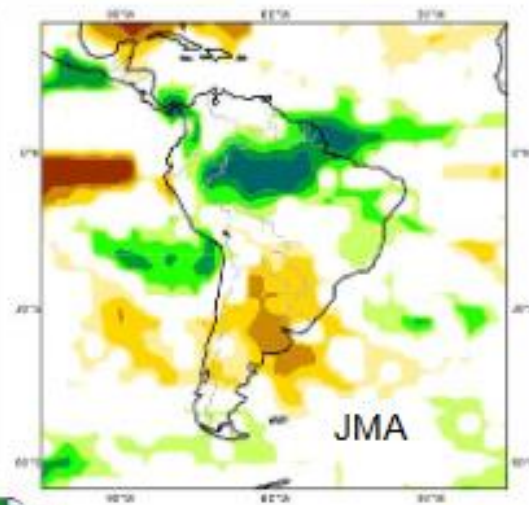
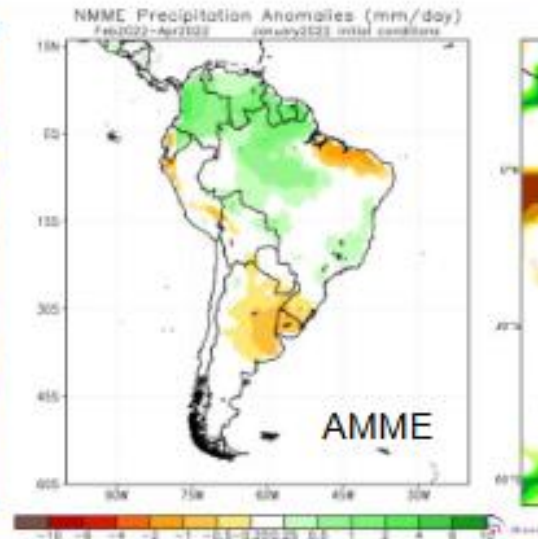
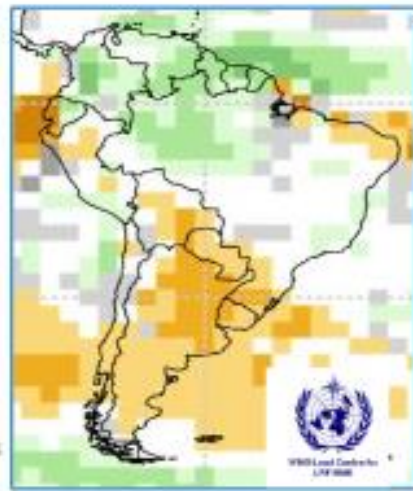
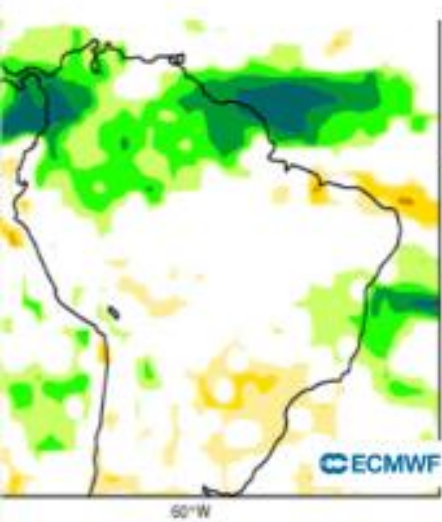
ENSO state based on NINO3.4 SST Anomaly
Neutral ENSO: $-0.5\text{ }^{\circ}\text{C}$ to $0.5\text{ }^{\circ}\text{C}$



Status Atual: **La Niña**

FONTE: NOAA

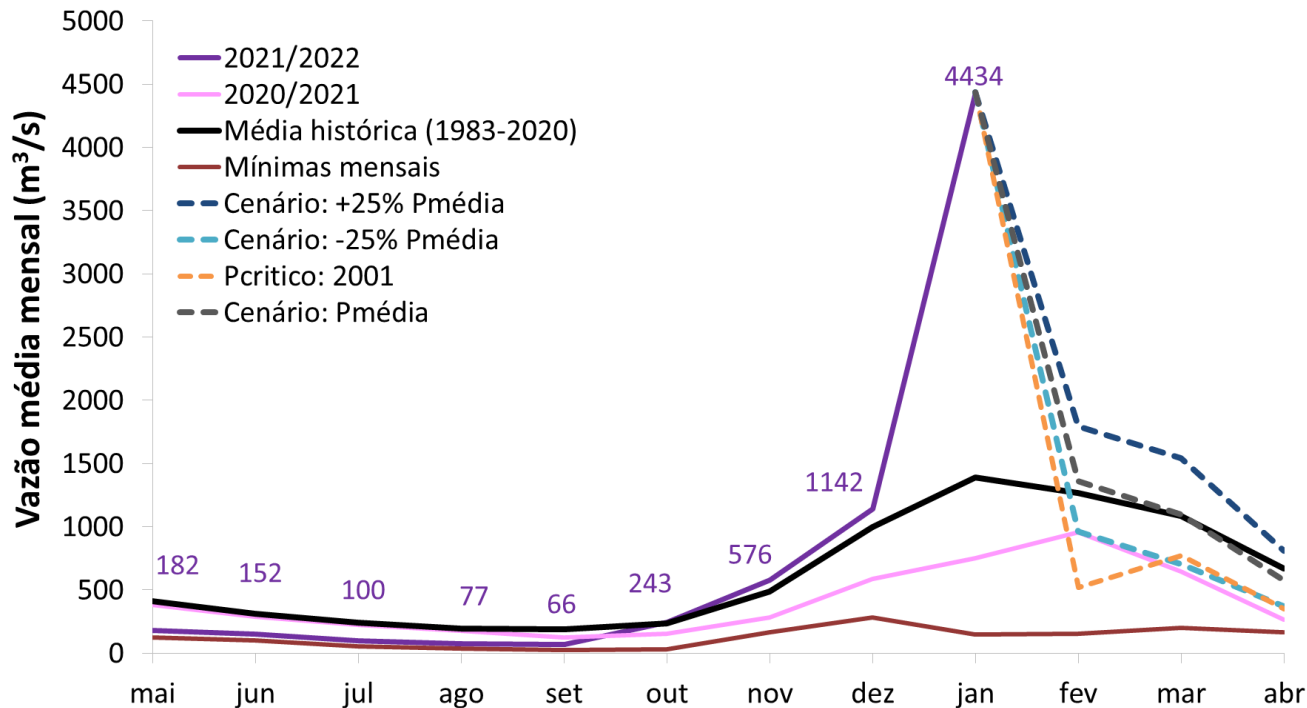
Previsão Sazonal de chuva (FMA)



UHE Três Marias: Projeções de Vazão (modelo PDM)

Histórico e simulação da vazão natural média mensal
UHE Três Marias - Rio São Francisco

Previsão: 24/Jan a 02/Fev - Projeções: 03/Fev a 30/Abr/22



FEV-ABR

MLT: 1005 m³/s

Vazão	% MLT
1384 m³/s	138%
1011 m³/s	101%
679 m³/s	68%
548 m³/s	55%

MLT-Media de Longo Termo (1983-2020)