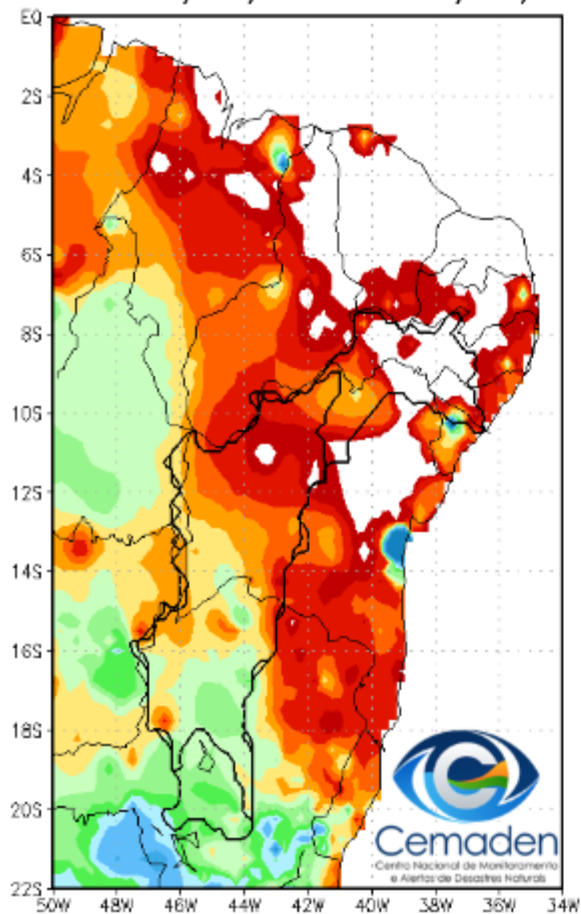


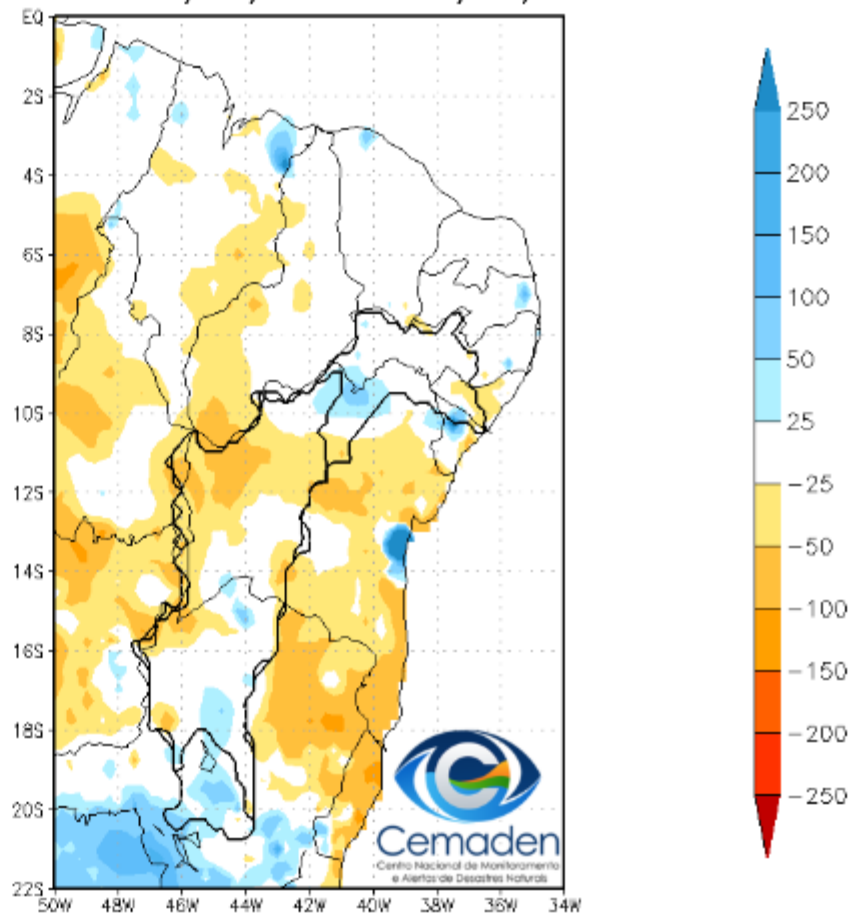
Monitoramento, Previsões e Projeções para a Bacia do Rio São Francisco

Chuva dos últimos 30 dias

Precipitacao Acumulada (mm) A.S.
Período: 07/10/2023 a 06/11/2023

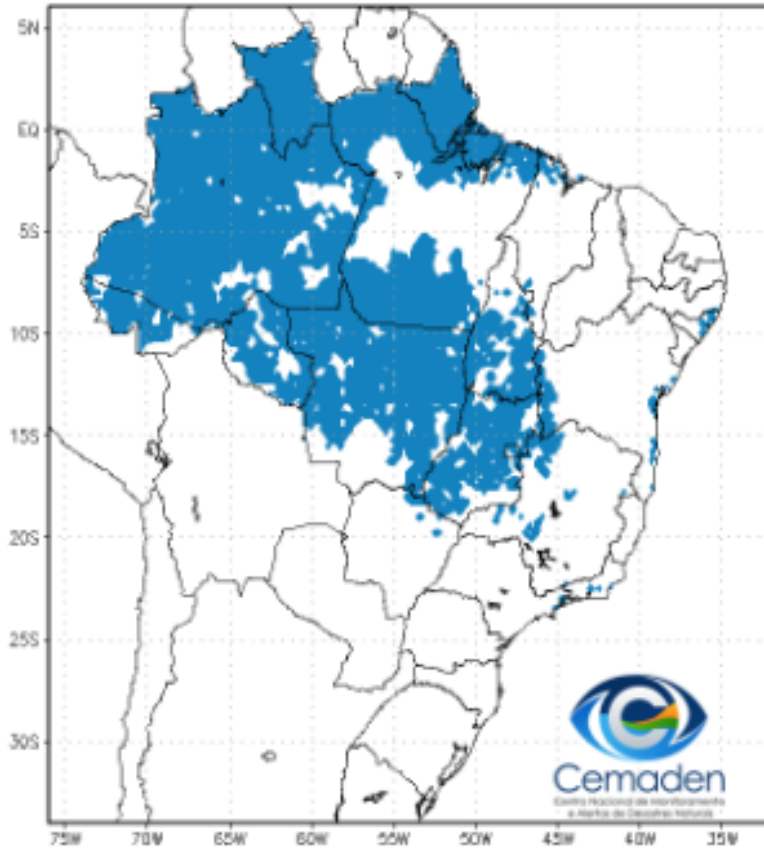


Anomalia de Precipitacao (mm) A.S.
Período: 07/10/2023 a 06/11/2023

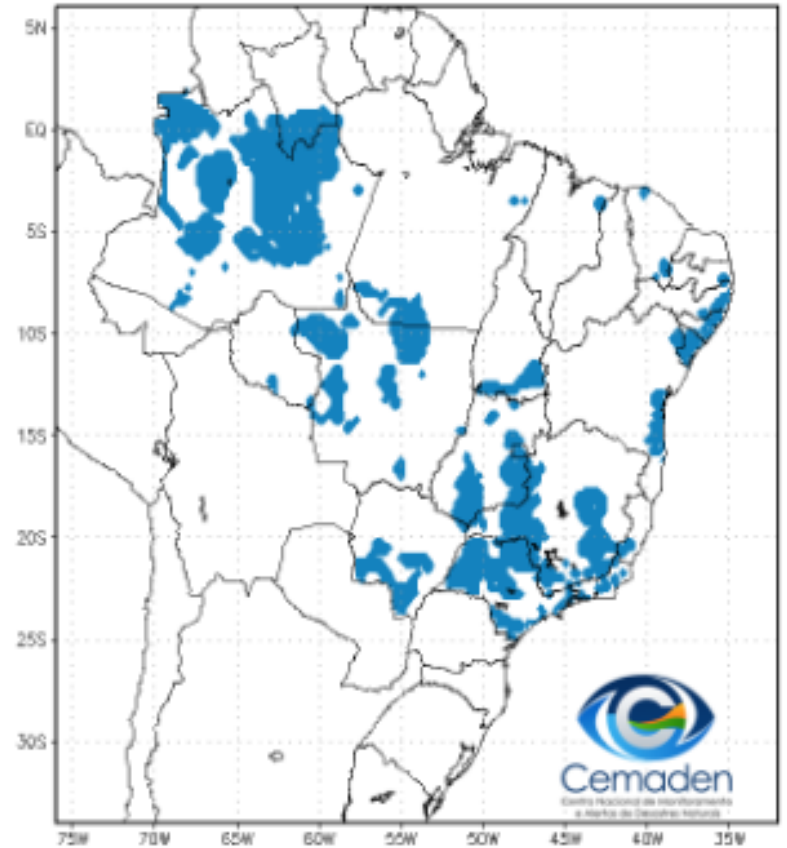


Situação da Estação Chuvosa

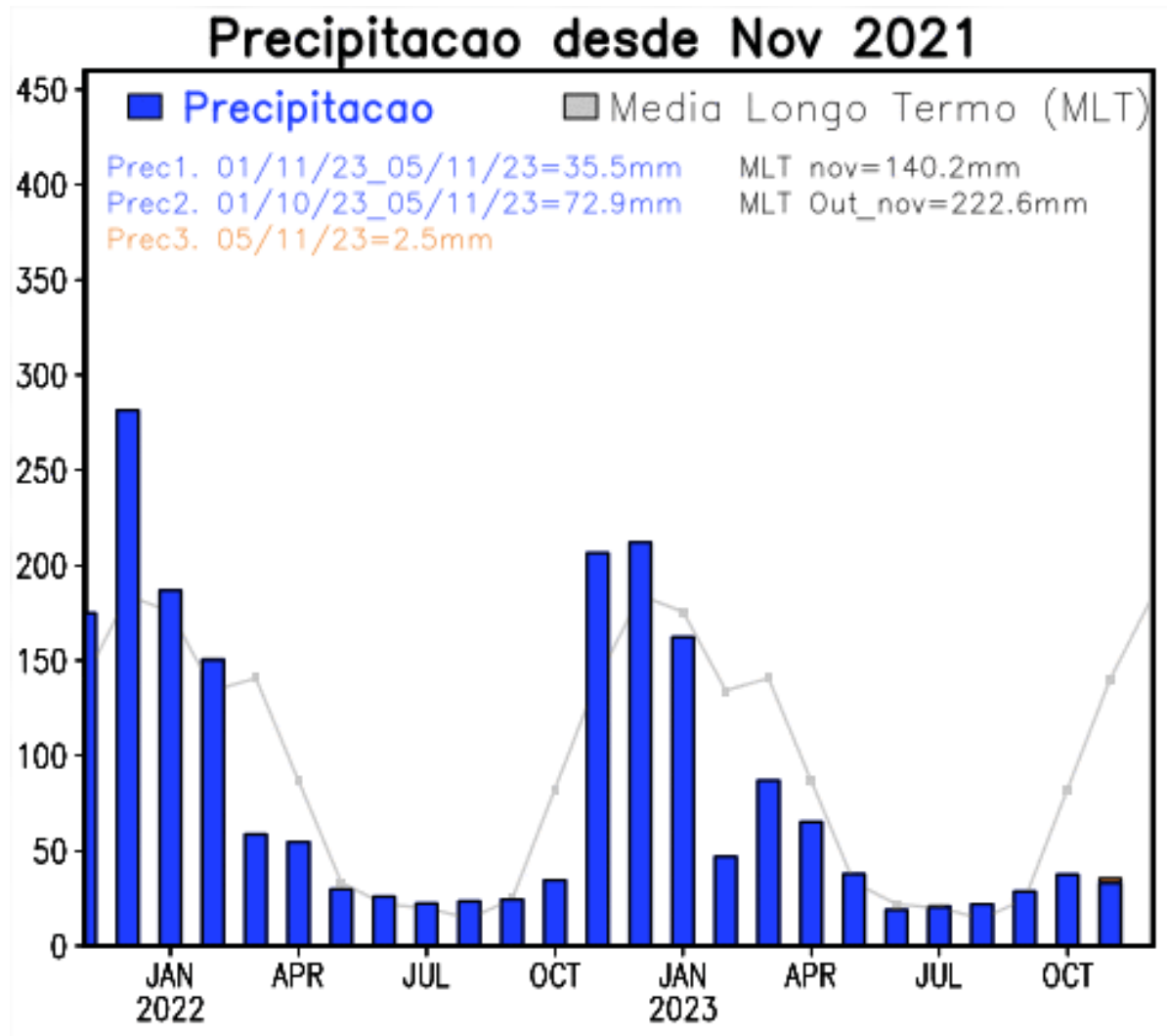
Climatologia da Precipitação (1999–2022)
Superior 3 mm/dia em 4 de 5 dias Período: 06/11



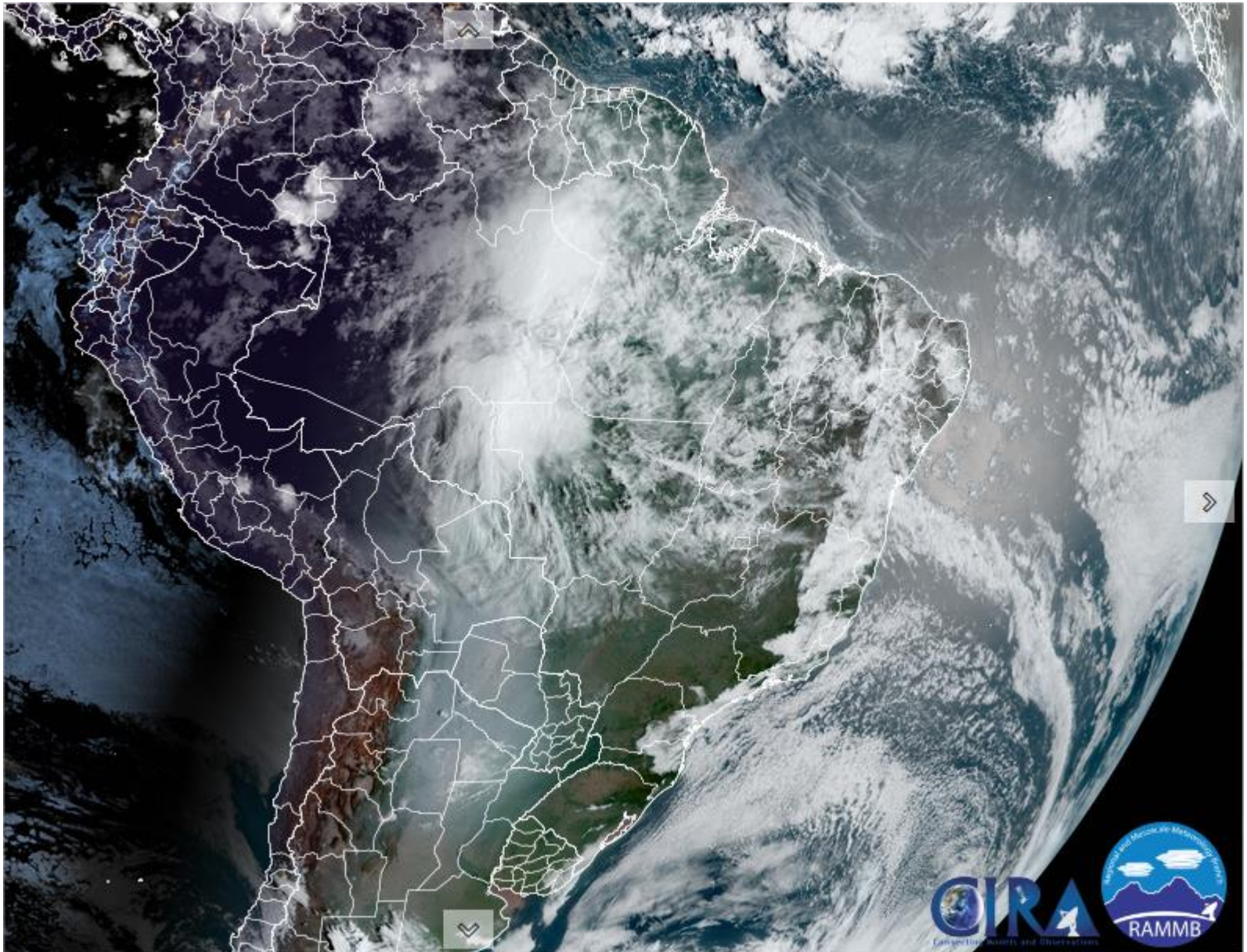
Precipitação Superior 3 mm/dia em 4 de 5 dias
Período: 06/11/2023



Bacia do rio São Francisco

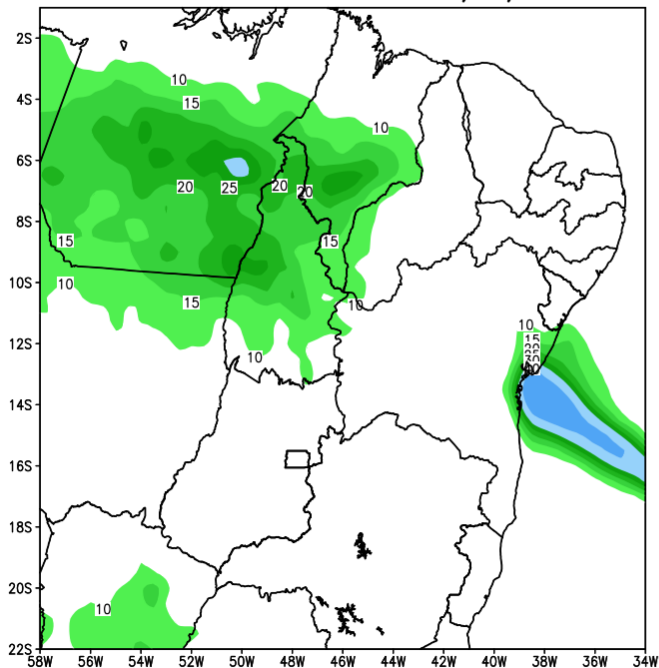


Situação meteorológica atual

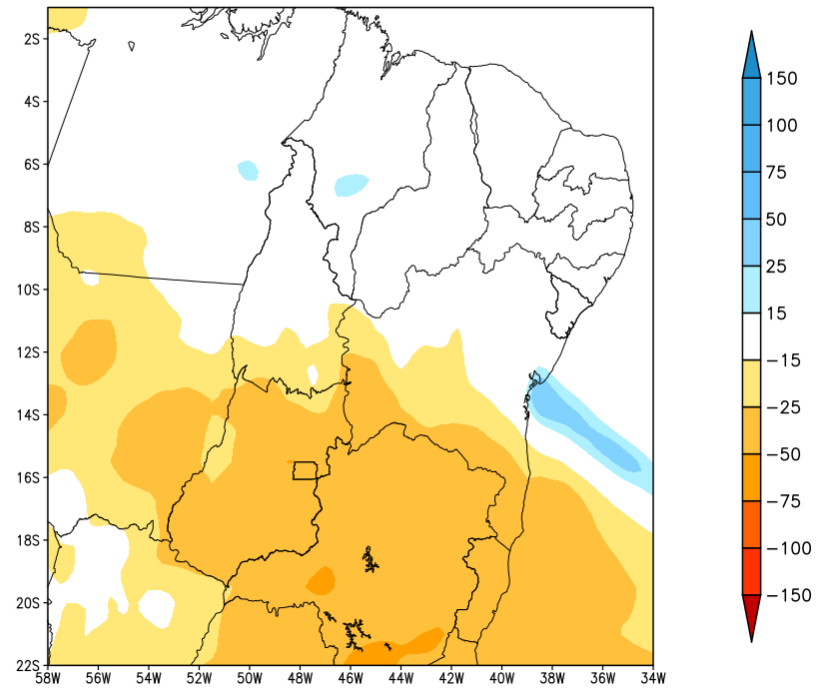


Previsão de chuva próximos 7 dias

GEFS / BRASIL_NE
Precipitacao acumulada 1aSem (mm)
Previsao das 00Z dia 06/11/2023



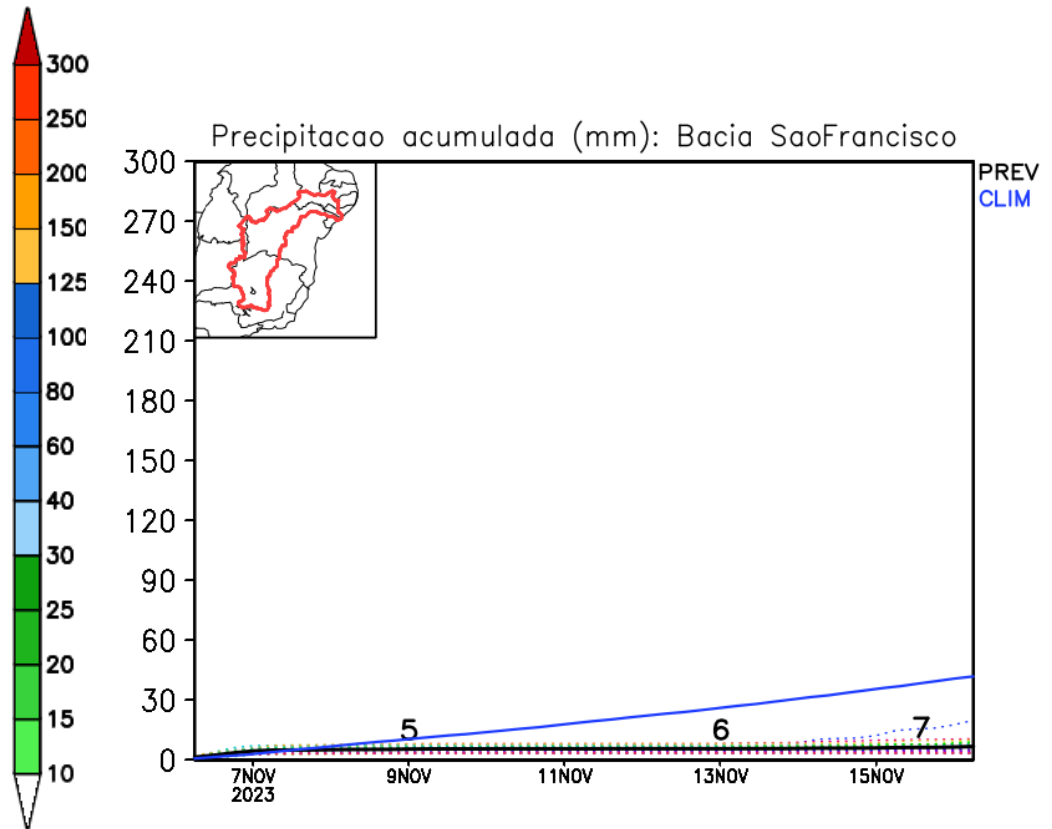
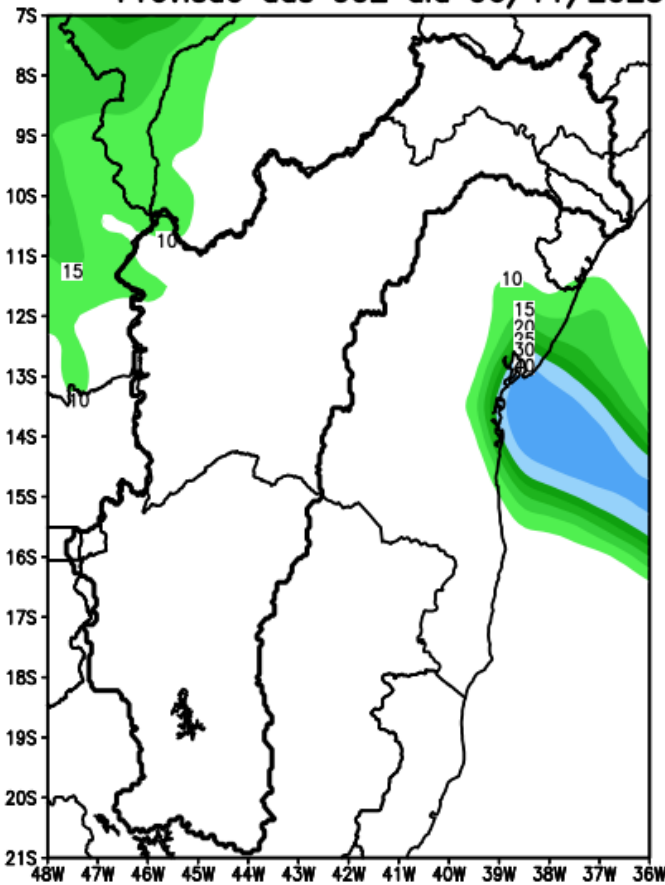
Anomalia de Precipitacao BR_NE (mm)
Periodo: 2023110600 a 2023111300



Fonte: GEFS/NOAA

Bacia do rio São Francisco

GEFS / Bacia do Rio Sao Francisco
Precipitacao acumulada em 7 dias (mm)
Previsao das 00Z dia 06/11/2023

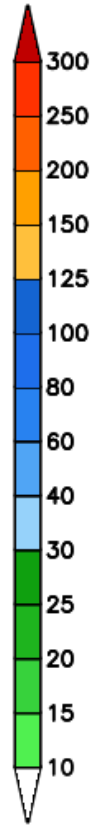
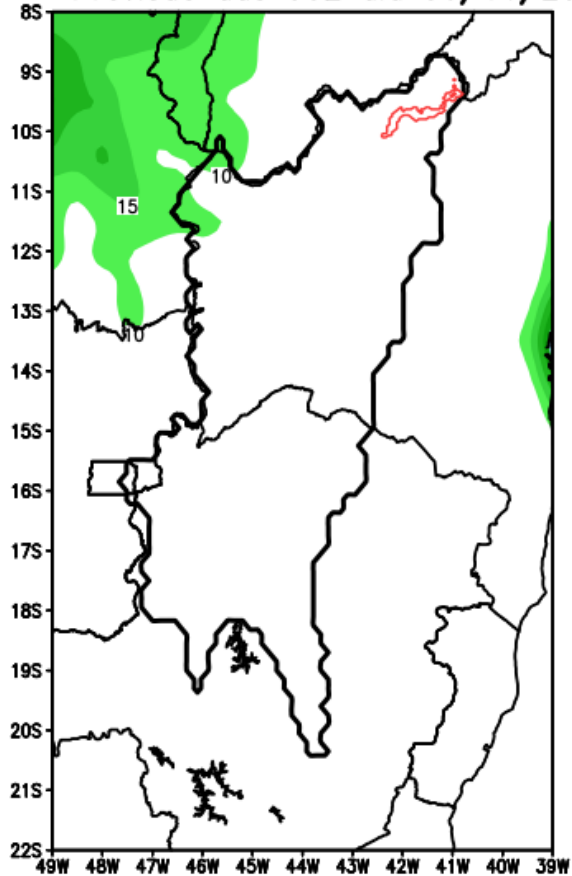


Bacia de Sobradinho

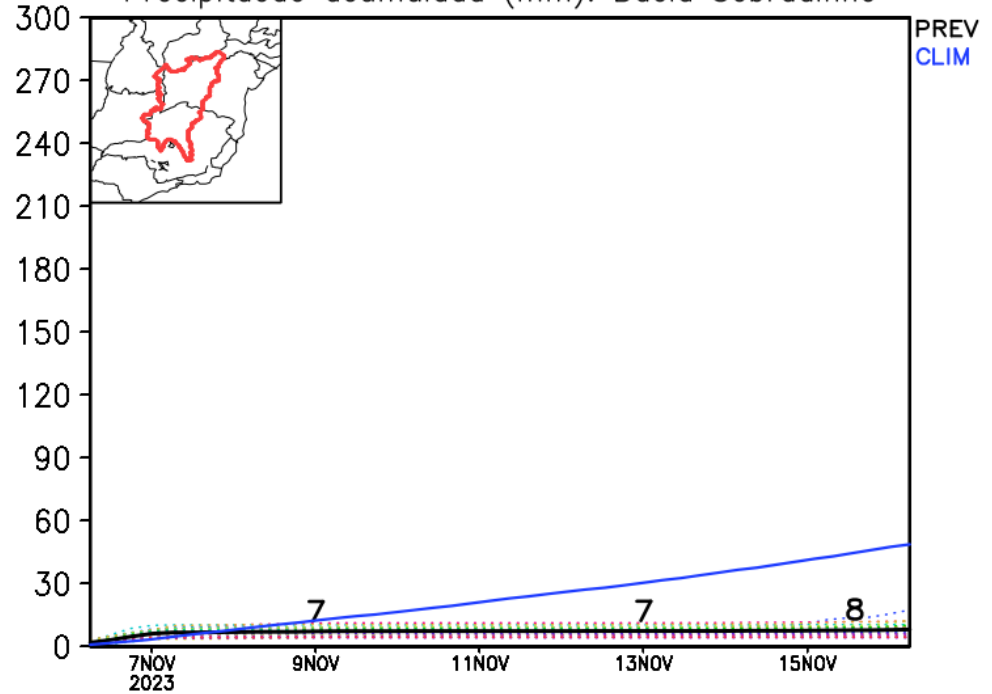
GEFS / Sobradinho

Precipitacao acumulada em 7 dias (mm)

Previsao das 00Z dia 06/11/2023

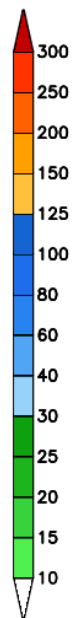
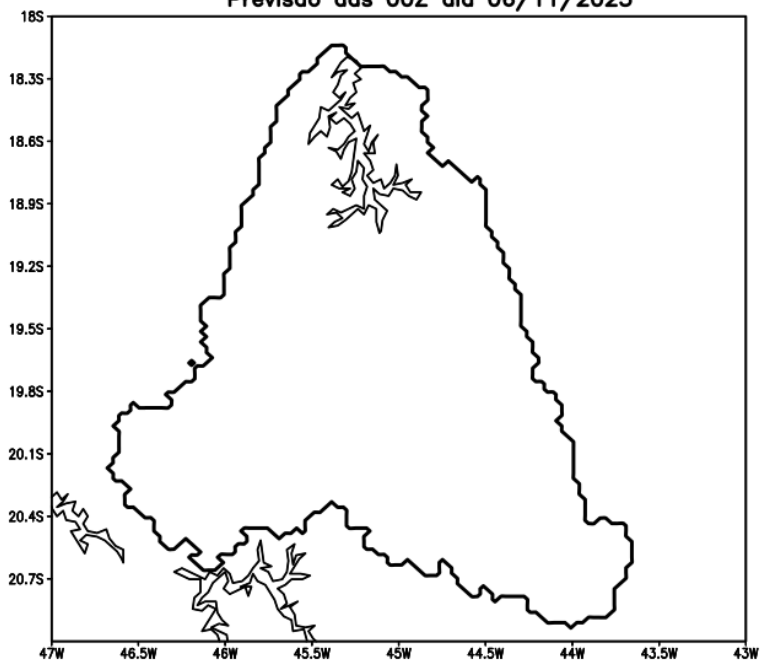


Precipitacao acumulada (mm): Bacia Sobradinho

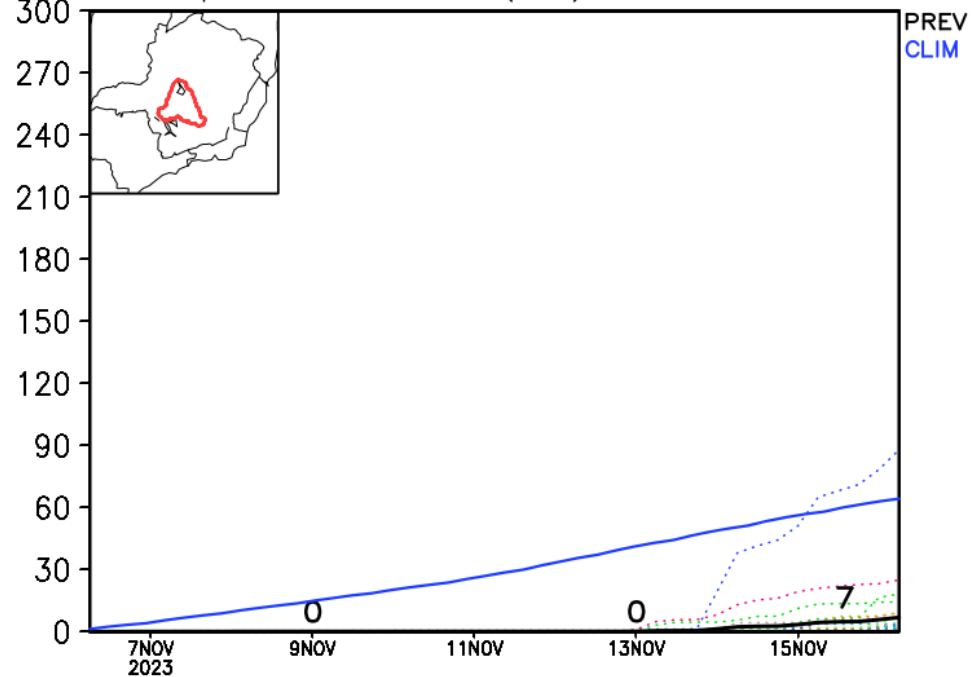


Bacia de Três Marias

GEFS / Tres Marias
Precipitacao acumulada em 7 dias (mm)
Previsao das 00Z dia 06/11/2023

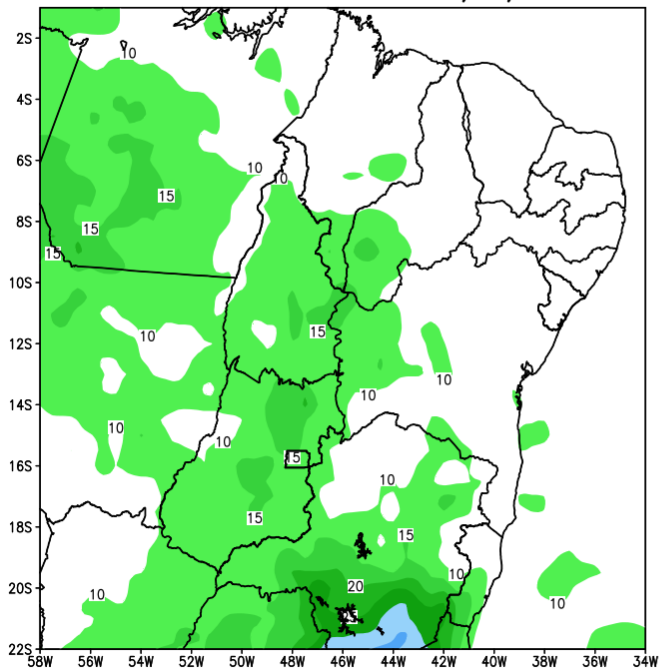


Precipitacao acumulada (mm): Bacia TresMarias

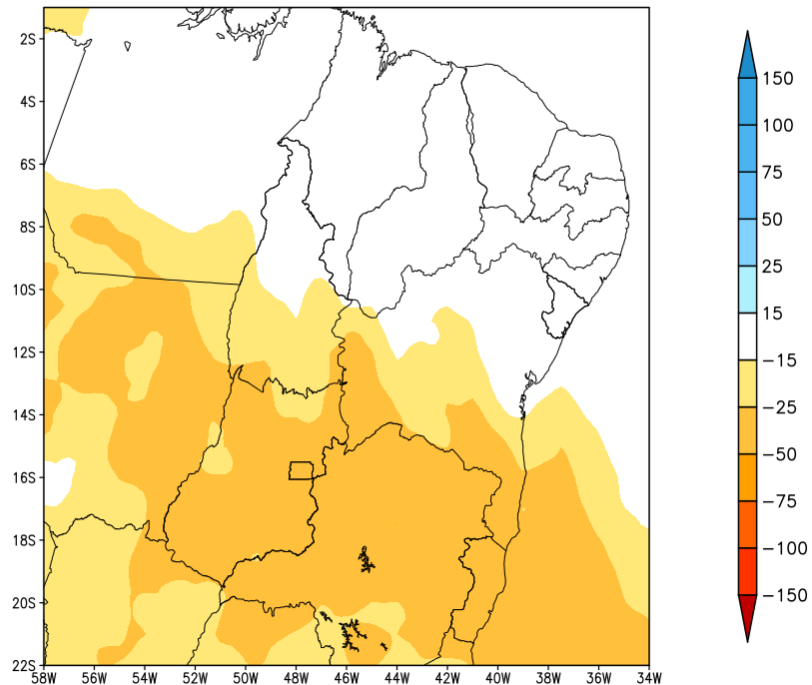


Tendência para a 2a semana

GEFS / BRASIL_NE
Precipitacao acumulada 2aSem (mm)
Previsao das 00Z dia 06/11/2023

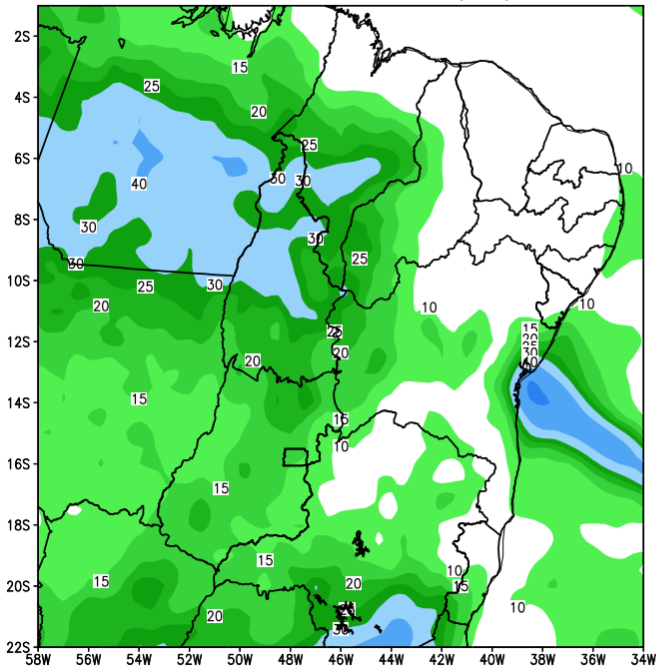


Anomalia de Precipitacao BR NE (mm)
Periodo: 2023111400 a 2023112000

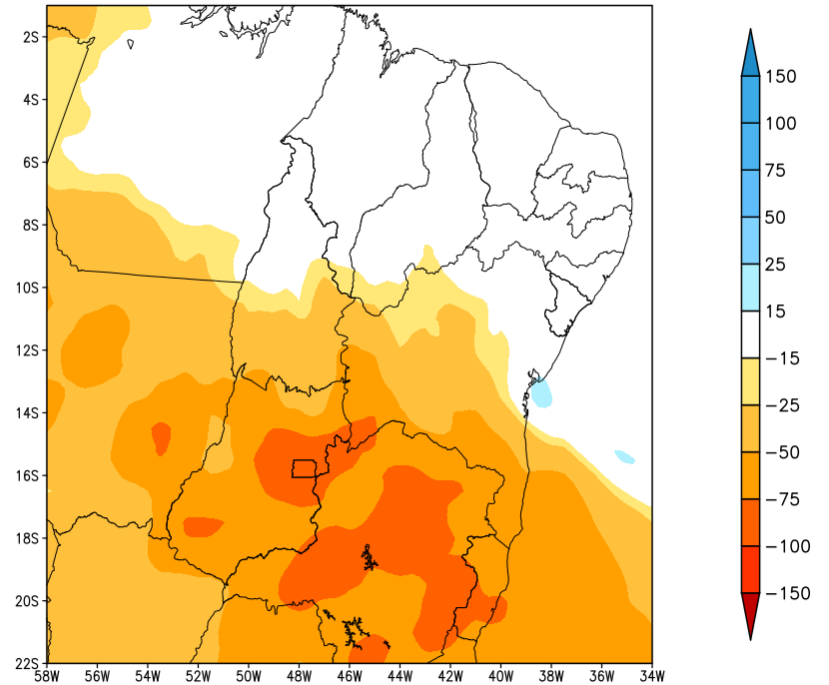


Tendência para as duas próximas semanas

GEFS / BRASIL_NE
Precipitacao acumulada 14dias (mm)
Previsao das 00Z dia 06/11/2023

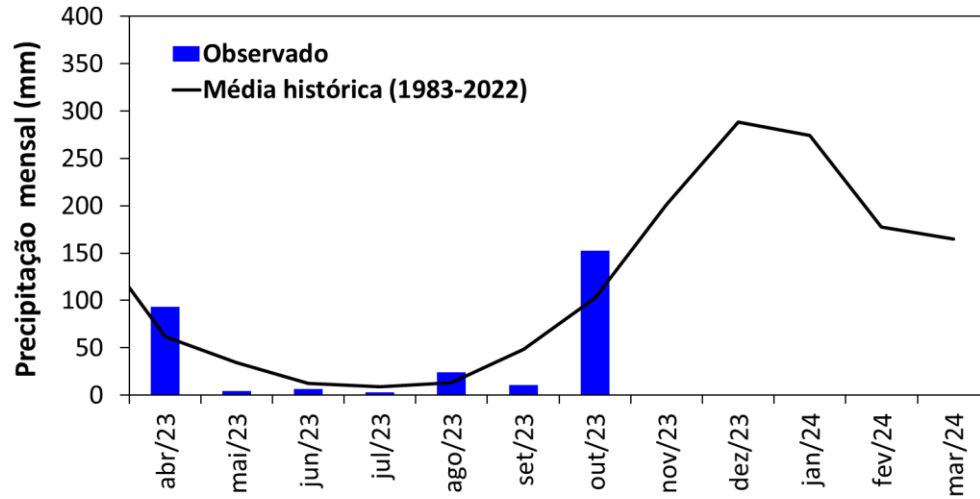


Anomalia de Precipitacao BR_NE (mm)
Periodo: 2023110600 a 2023112000



Modelo GFS/NOAA

Monitoramento UHE Três Marias



Precipitação

Estação Chuvosa - Out a Mar - 1209 mm

2021/2022: 1592 mm (132% da MLT)

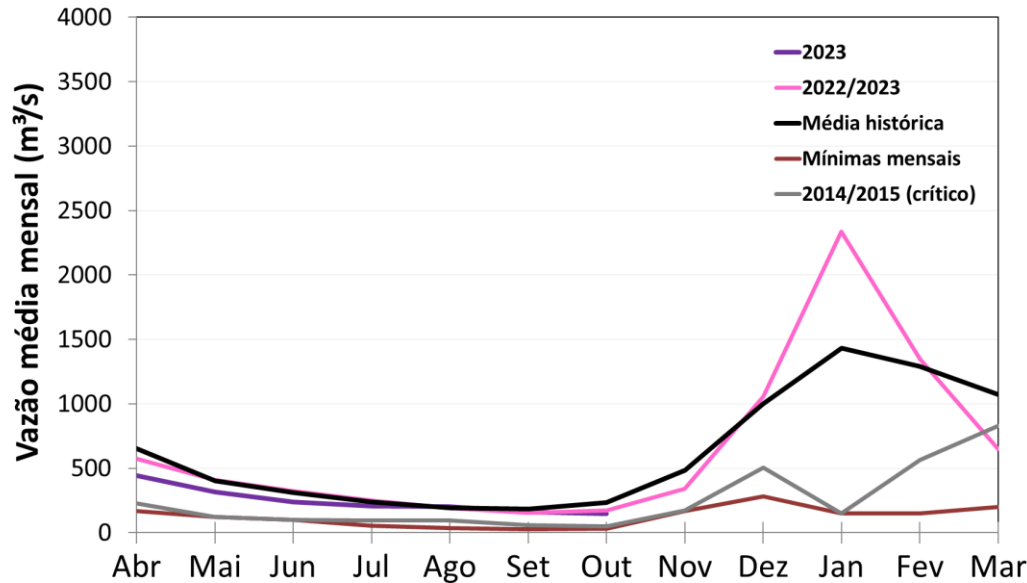
2022/2023: 1288 mm (106% da MLT)

Estação Seca - Abr a Set – 179 mm

2022: 116 mm (64% da MLT)

2023: 142 mm (79% da MLT)

Outubro/23: 153 mm (149% da MLT)



Vazão

Estação Chuvosa - Nov a Abr - 989 m³/s

2021/2022: 1639 m³/s (166% da MLT)

2022/2023: 1029 m³/s (104% da MLT)

Estação Seca - Maio a Out – 260 m³/s

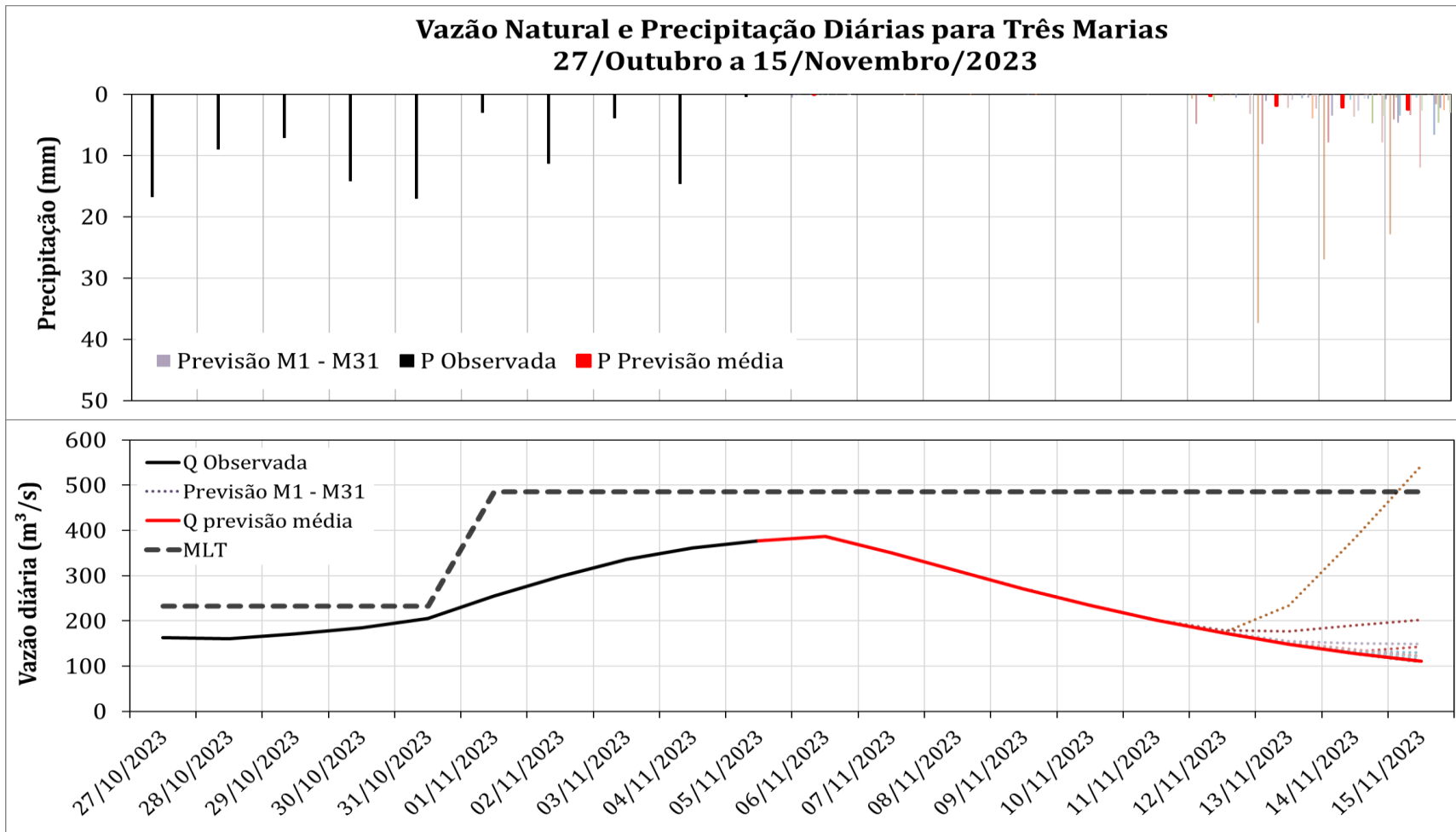
2022: 250 m³/s (96% da MLT)

2023: 212 m³/s (82% da MLT)

Outubro/23: 148 m³/s (64% da MLT)

31/Outubro: 205 m³/s (88% da MLT)

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



Dados **observados de precipitação** (barras pretas) para o período **27/10 a 05/11** e **previsão** para o período de **06/11 a 15/11**
Dados **observados de vazão** (linha preta) para o período **27/10 a 05/11** e **previsão** para o período de **06/11 a 15/11**

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: 232 m³/s

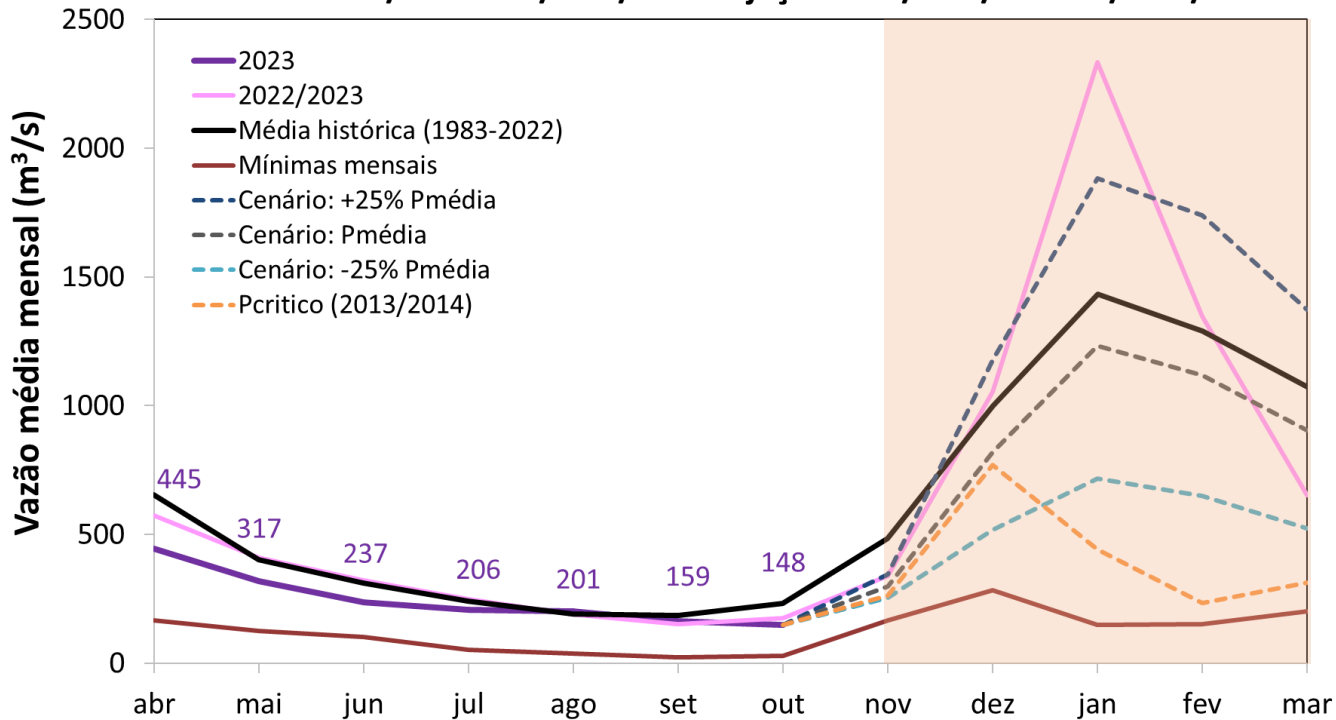
Valor inferior a MLT de Novembro (485 m³/s)

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

Histórico e simulação da vazão natural média mensal

UHE Três Marias - Rio São Francisco

Previsão: 06/Nov a 15/Nov/23- Projeções: 16/Nov/23 a 31/Mar/24

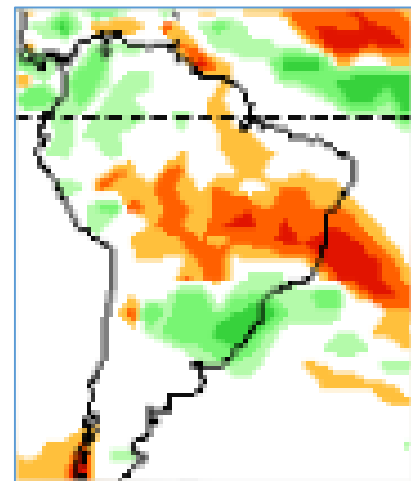
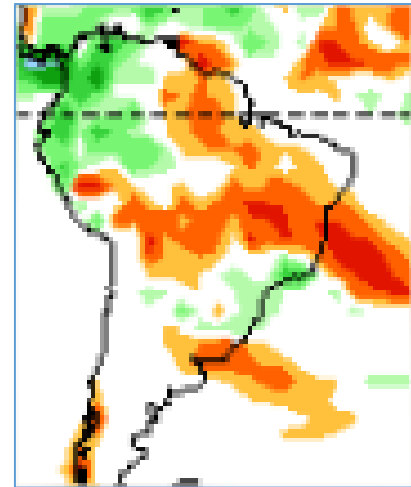
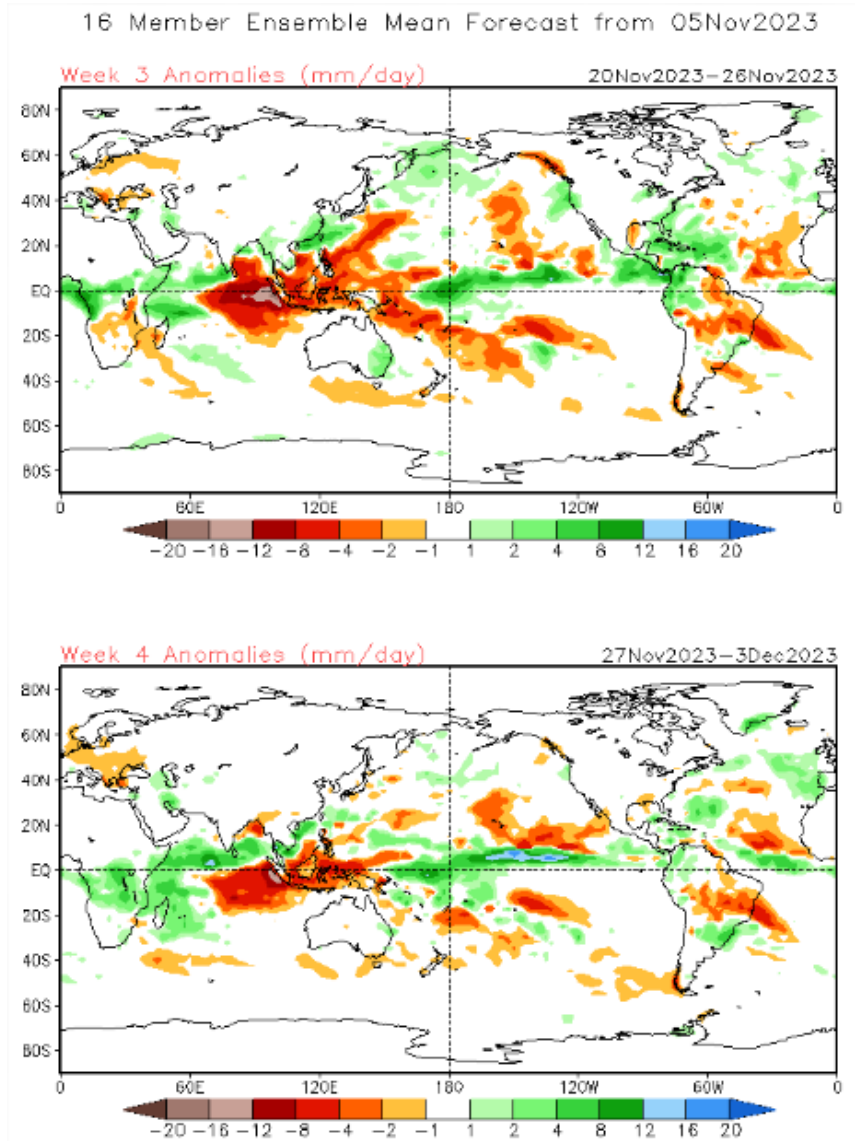


Novembro-Março

MLT: 1056 m³/s

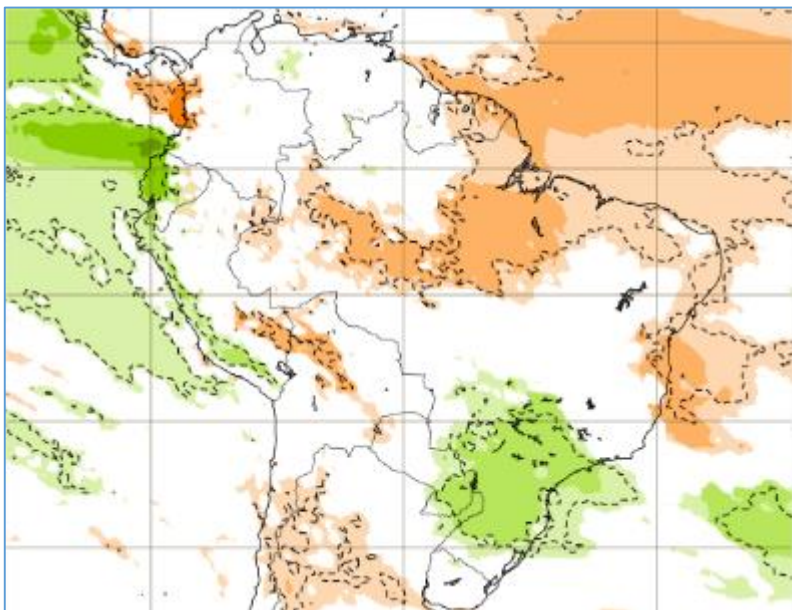
Vazão	% MLT
1303 m³/s	123%
875 m³/s	83%
533 m³/s	50%
405 m³/s	38%

Tendência 3a e 4a semanas

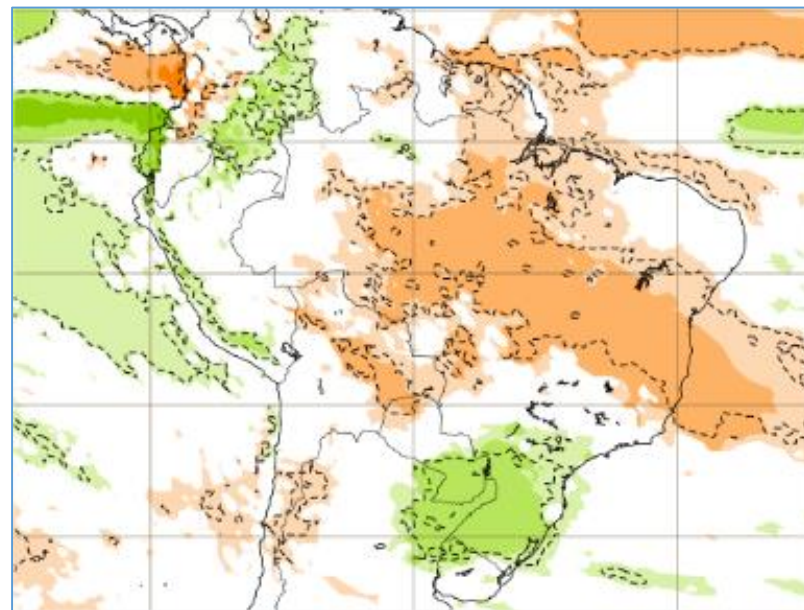


Tendência para 3ª e 4ª semanas

20-17/11

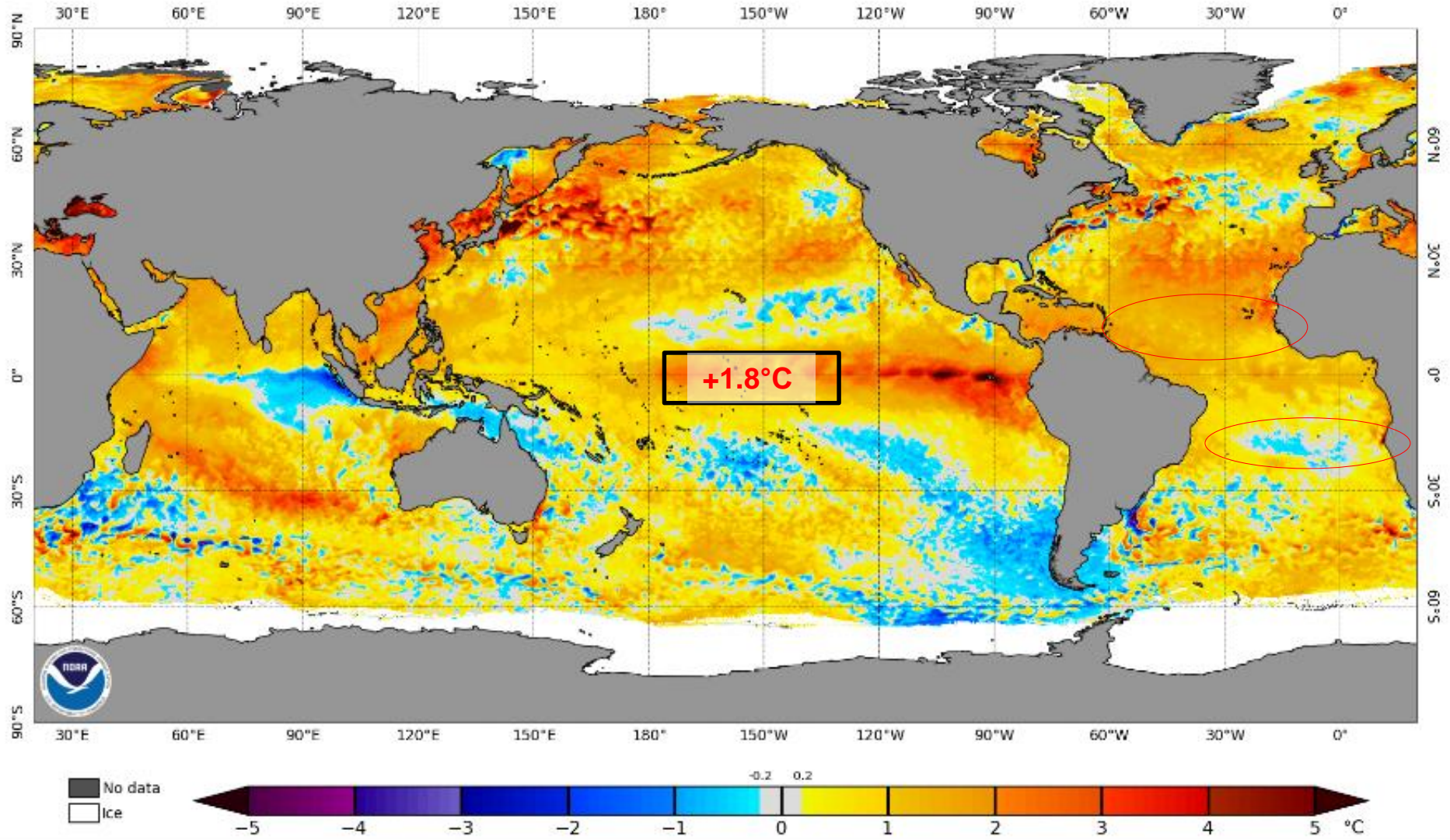


27/11-04/12



Status Atual: El Niño

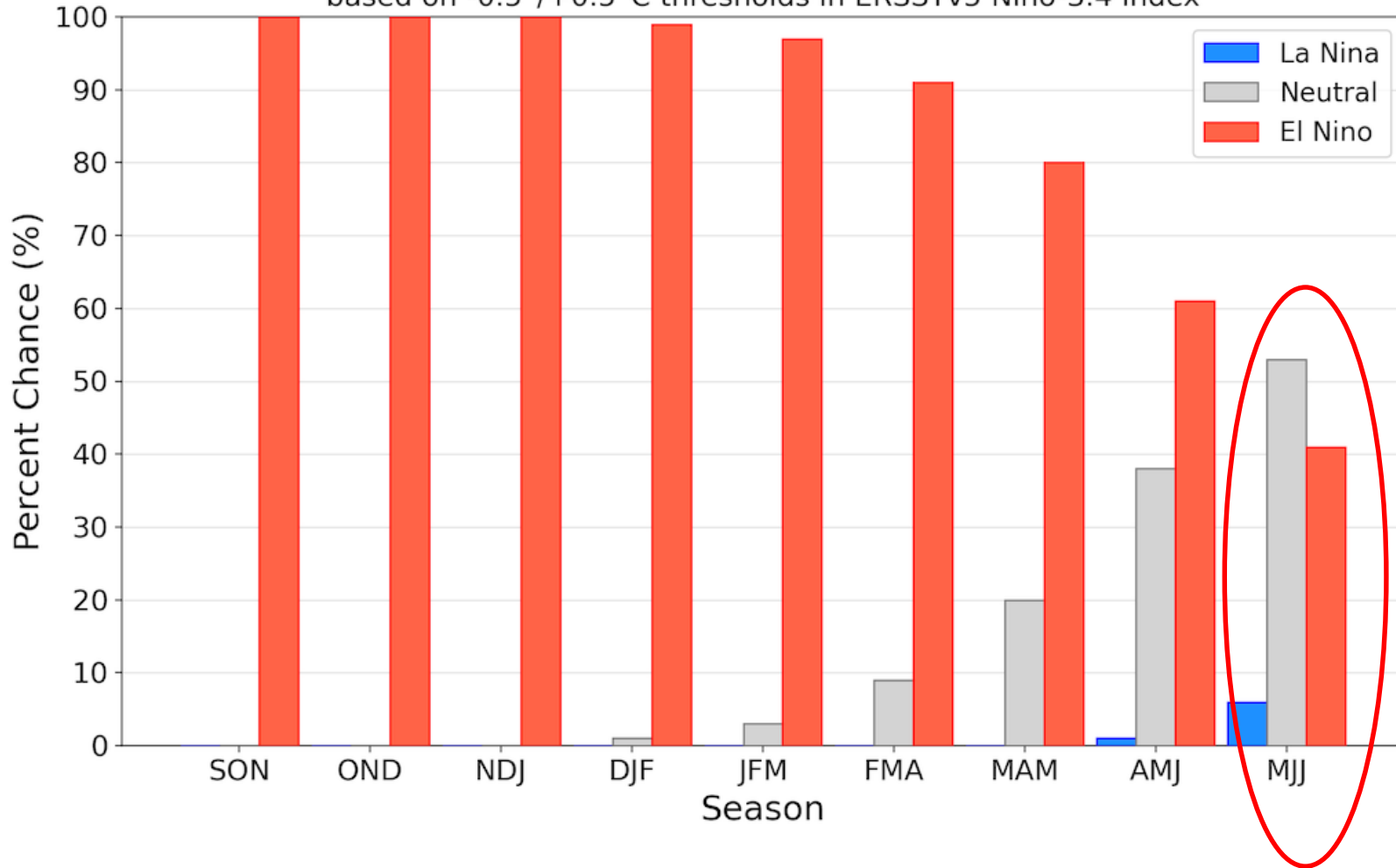
NOAA Coral Reef Watch Daily 5km SST Anomalies (v3.1) 5 Nov 2023



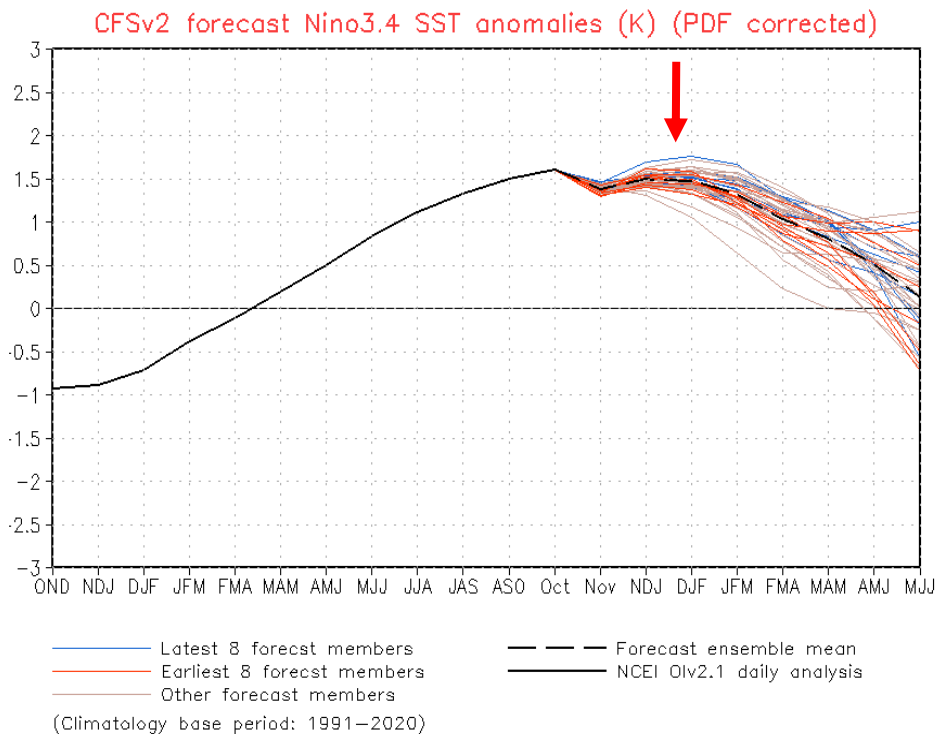
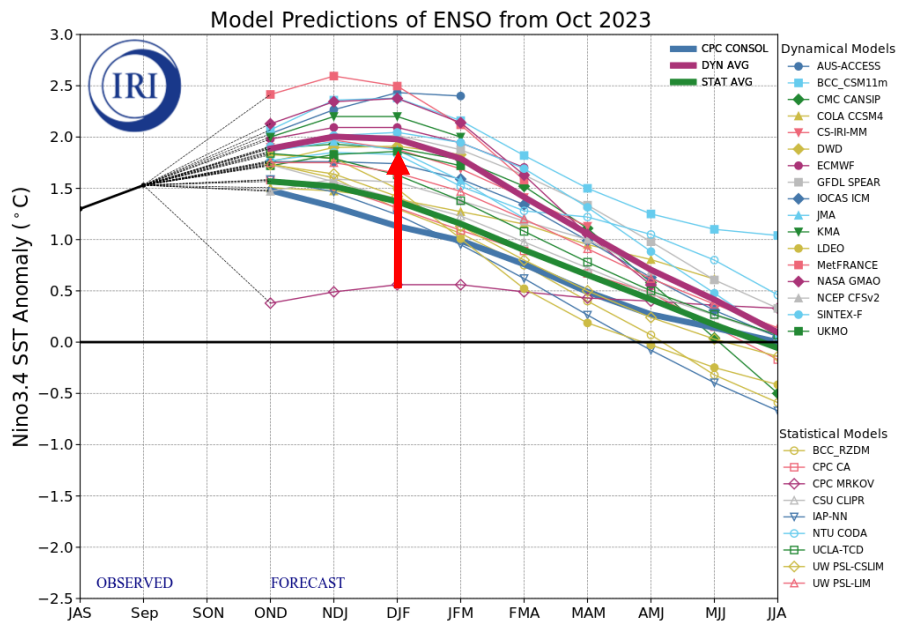
Previsão do “ENSO”

Official NOAA CPC ENSO Probabilities (issued Oct. 2023)

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

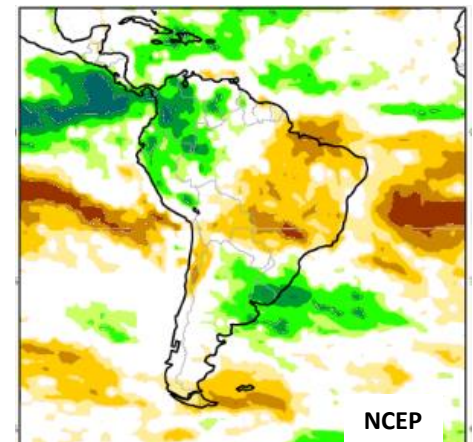
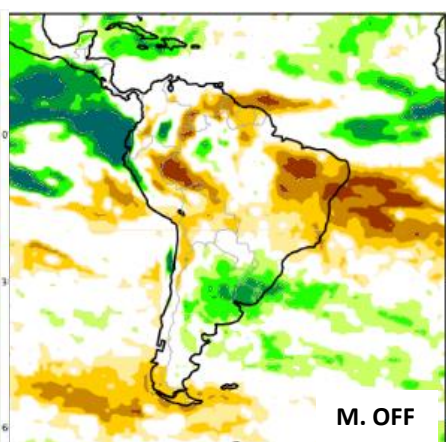
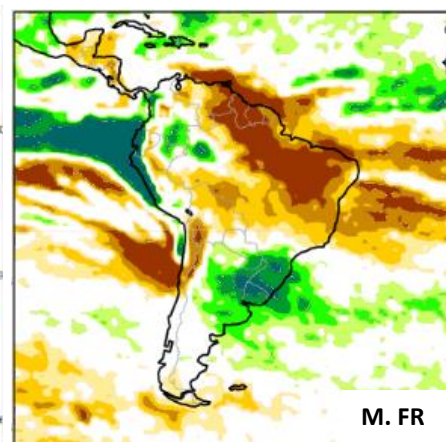
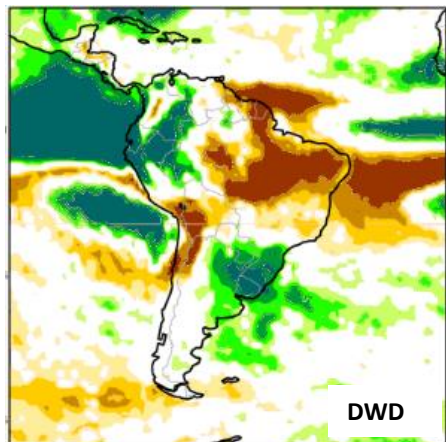
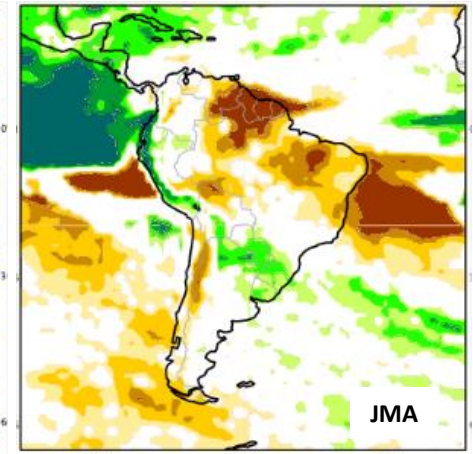
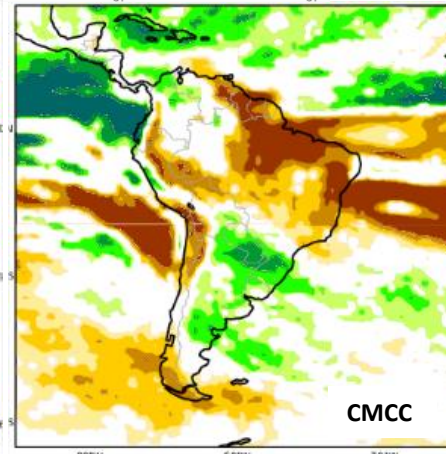
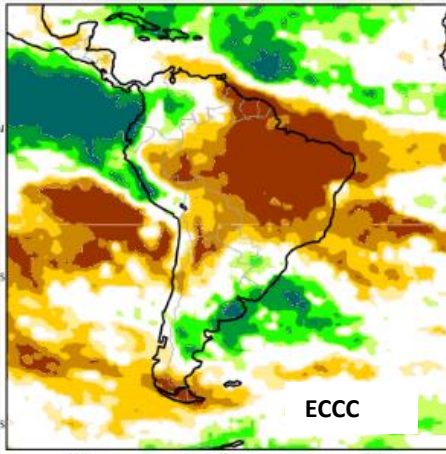
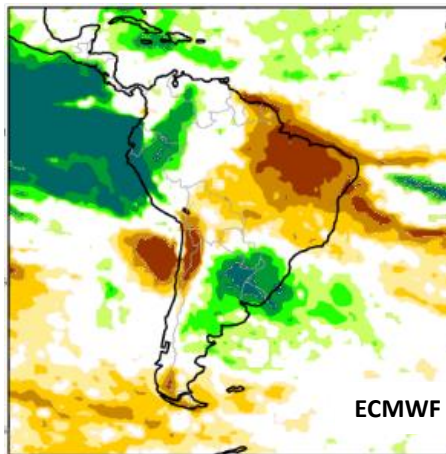


Previsão do “ENSO”



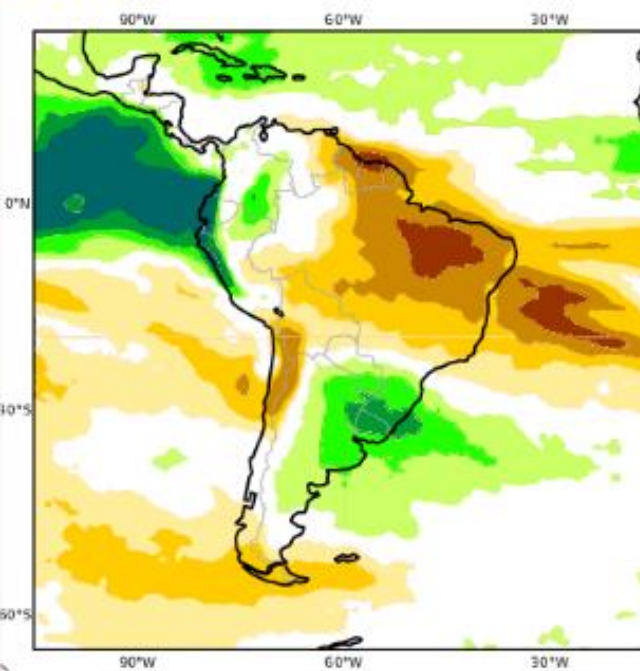
FORNTE: NOAA

Previsão Sazonal de Chuva NDJ

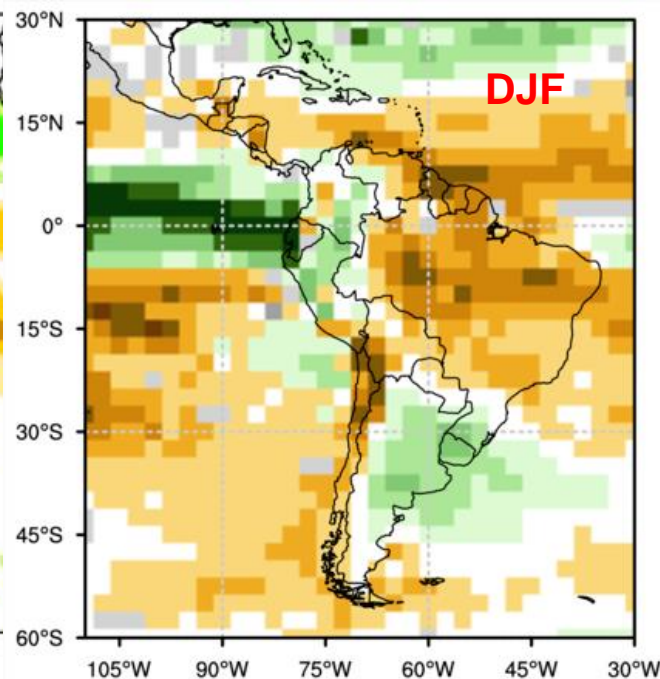


Previsão Sazonal de Chuva Multi-Modelo NDJ

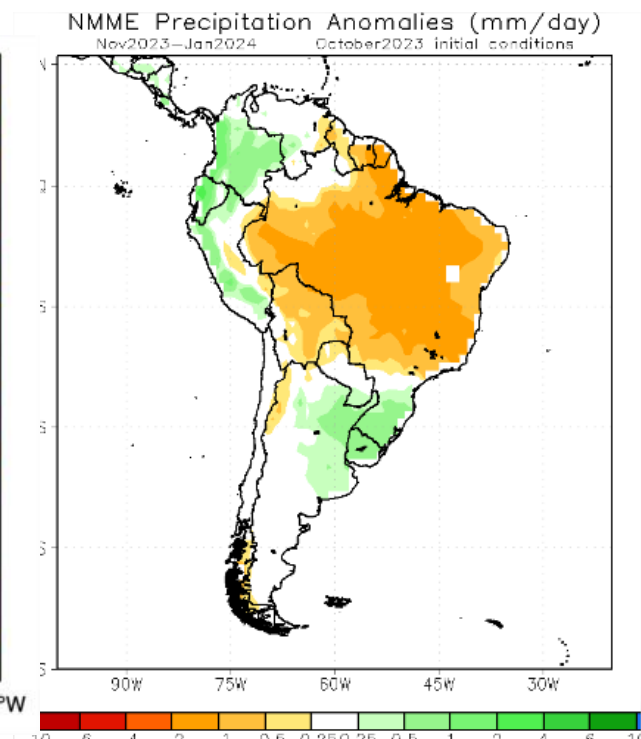
C3S multi-system seasonal forecast
Prob(most likely category of precipitation)
Nominal forecast start: 01/10/23
Unweighted mean



Modelos Europeus



Modelos da Organização Meteorológica Mundial



Modelos Americanos