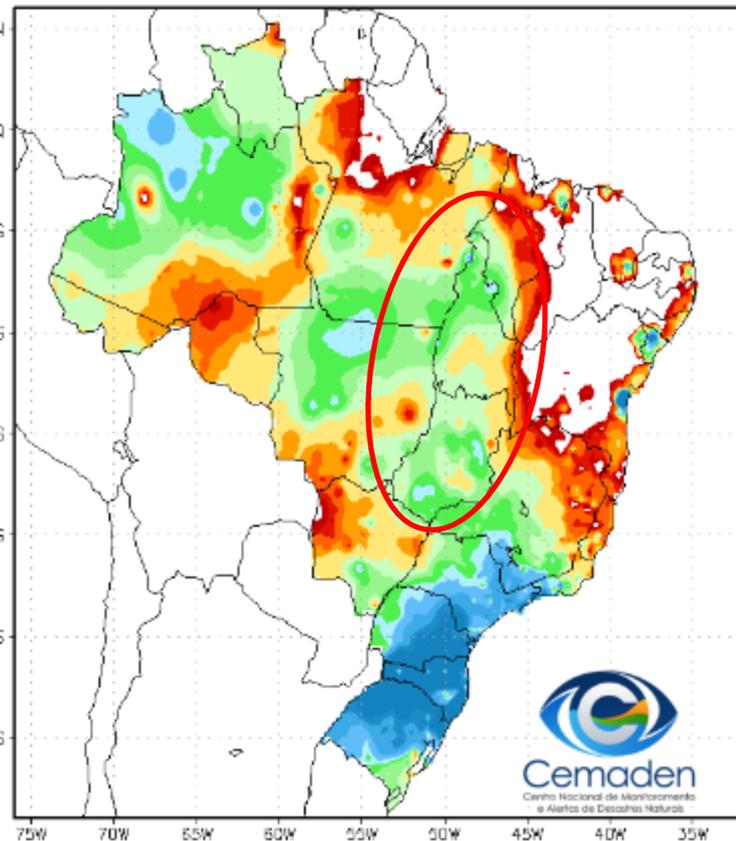


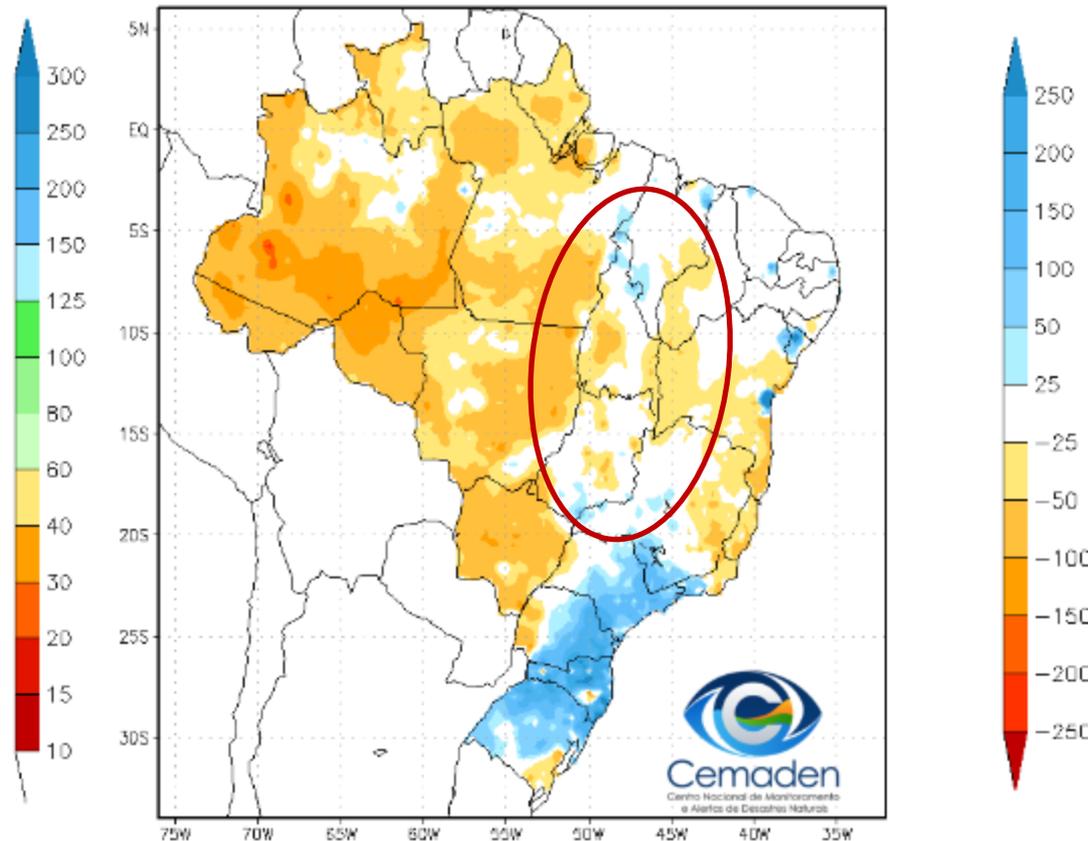
Monitoramento e Previsões para a Bacia do rio Tocantins

Precipitação acumulada nos últimos 30 dias

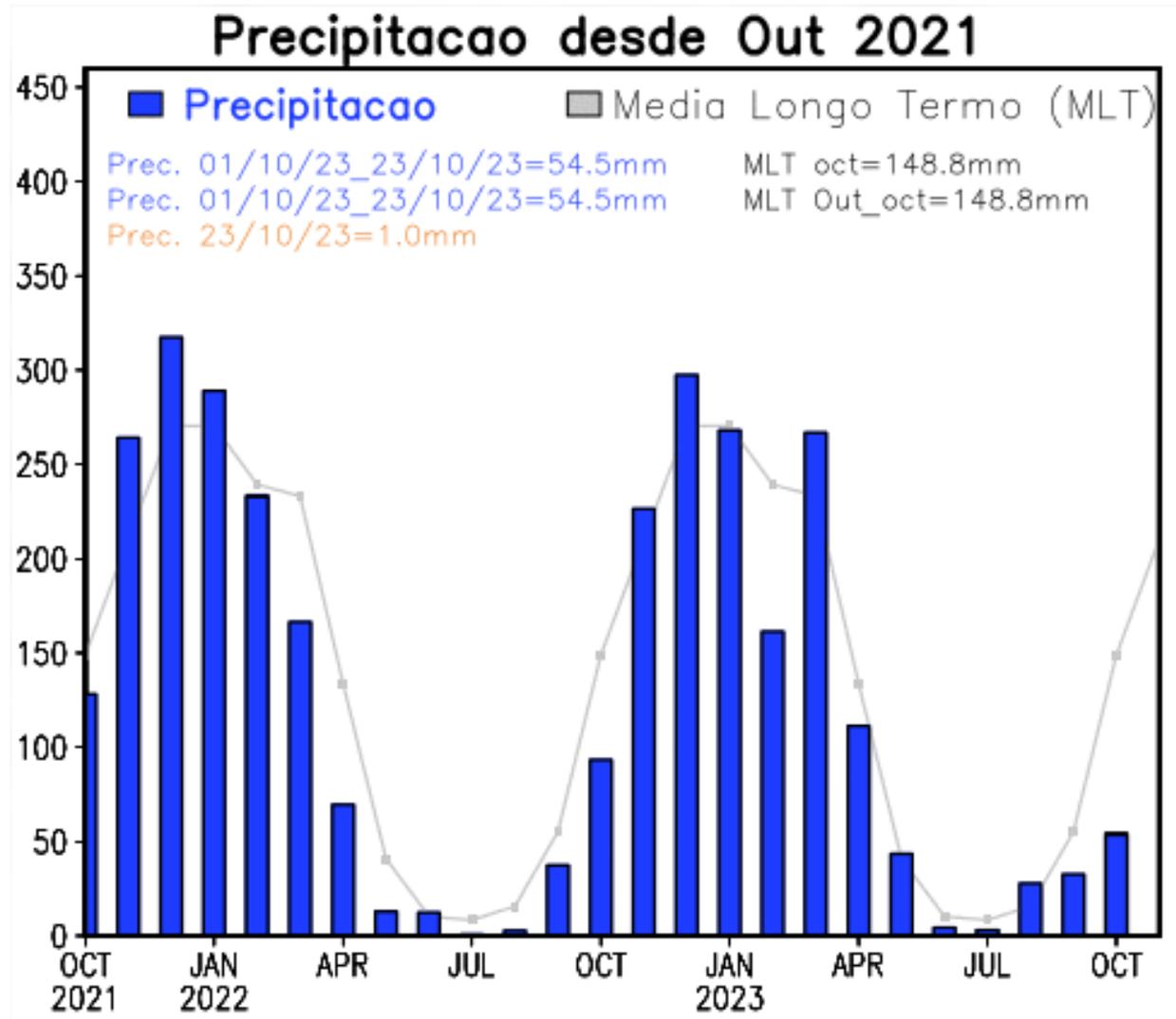
Precipitação Acumulada (mm)
Período: 24/09/2023 a 24/10/2023



Anomalia de Precipitação (mm)
Período: 24/09/2023 a 24/10/2023



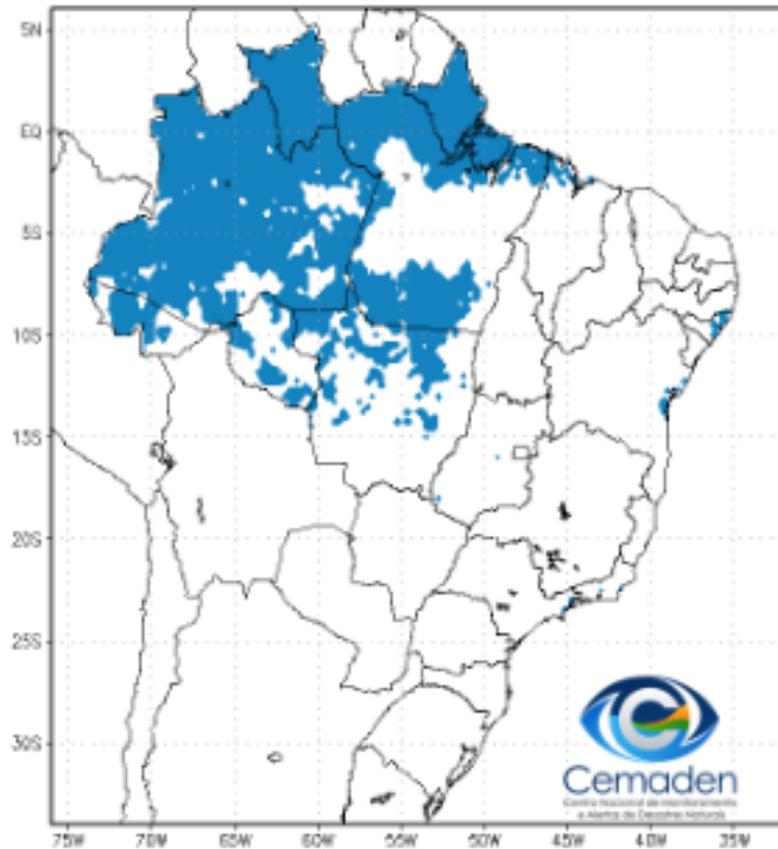
Evolução da Precipitação



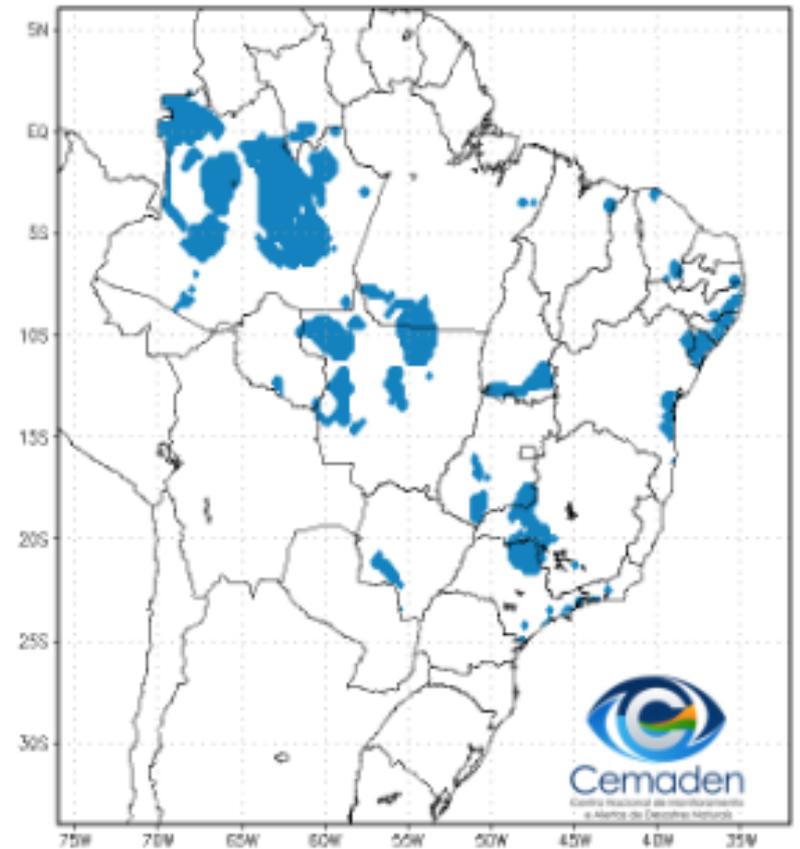
FONTE:
INPE

Situação da Estação Chuvosa

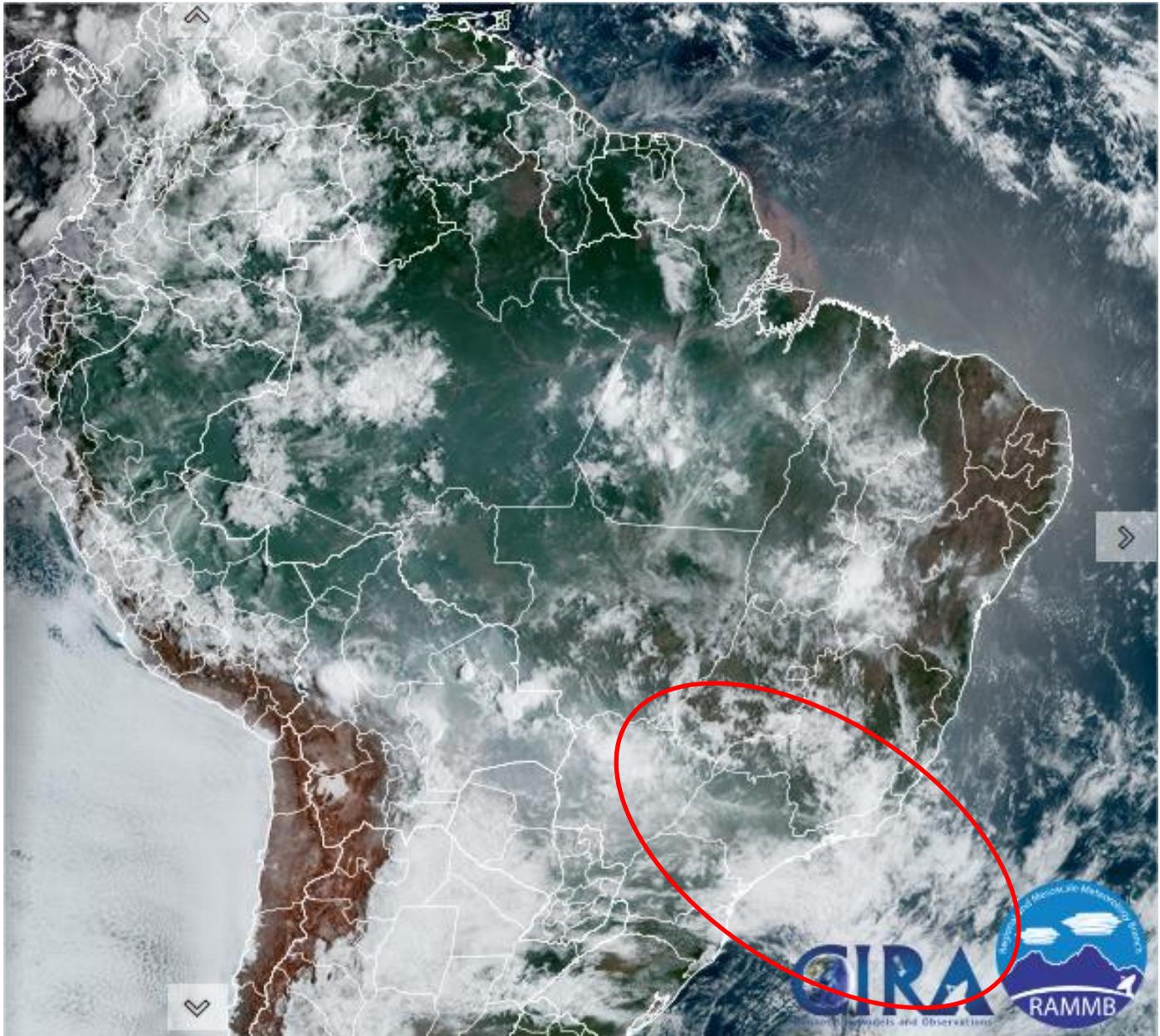
Climatologia da Precipitação (1999–2022)
Superior 3 mm/dia em 4 de 5 dias Período: 24/10



Precipitación Superior 3 mm/día en 4 de 5 días
Período: 24/10/2023

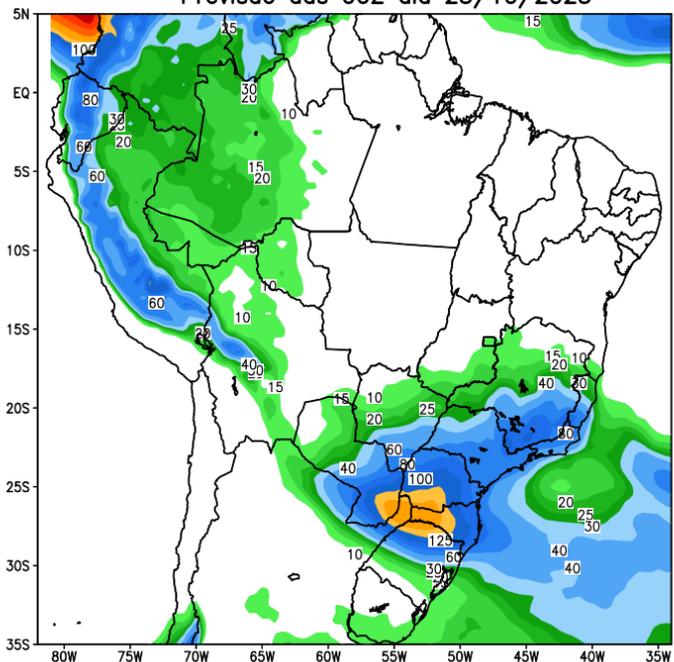


Situação meteorológica atual

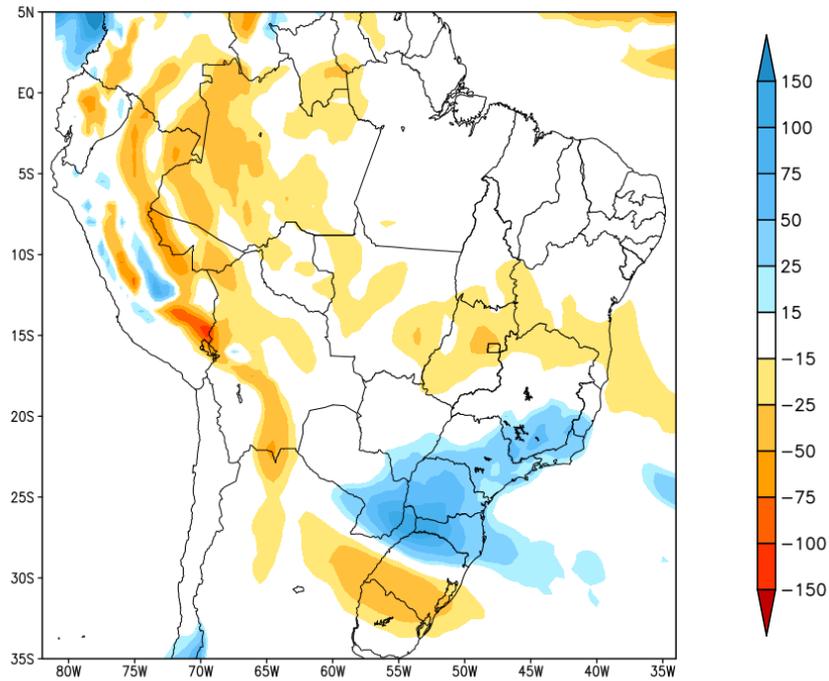


Previsão de chuva próximos 7 dias

GEFS / BRASIL
Precipitação acumulada 1aSem (mm)
Previsão das 00Z dia 25/10/2023



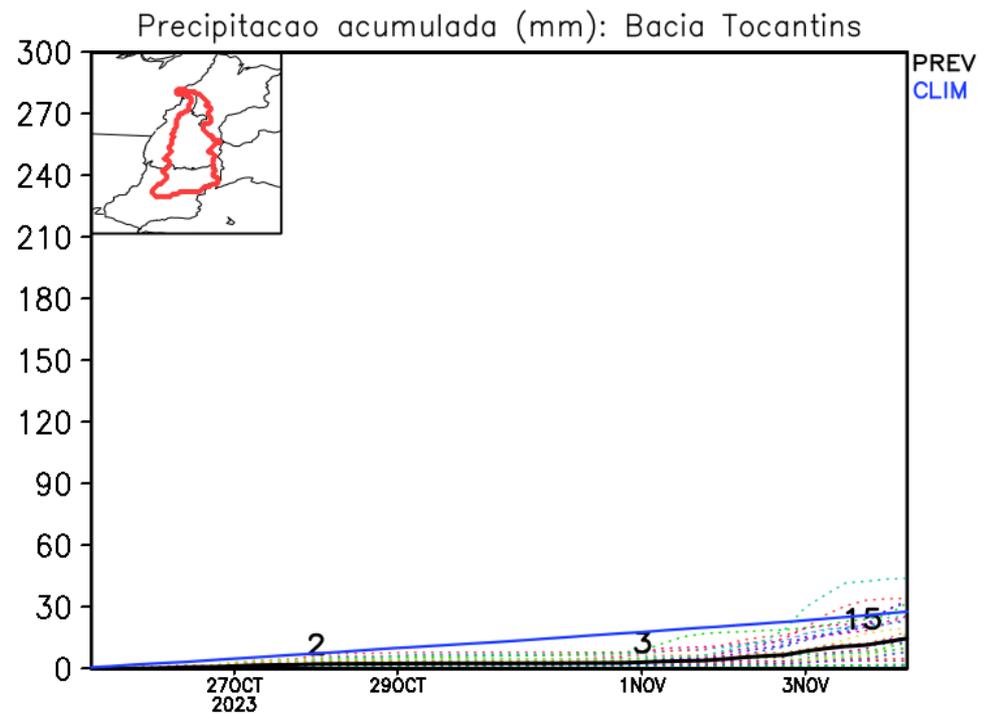
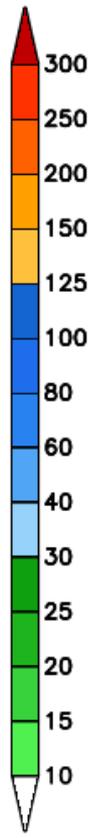
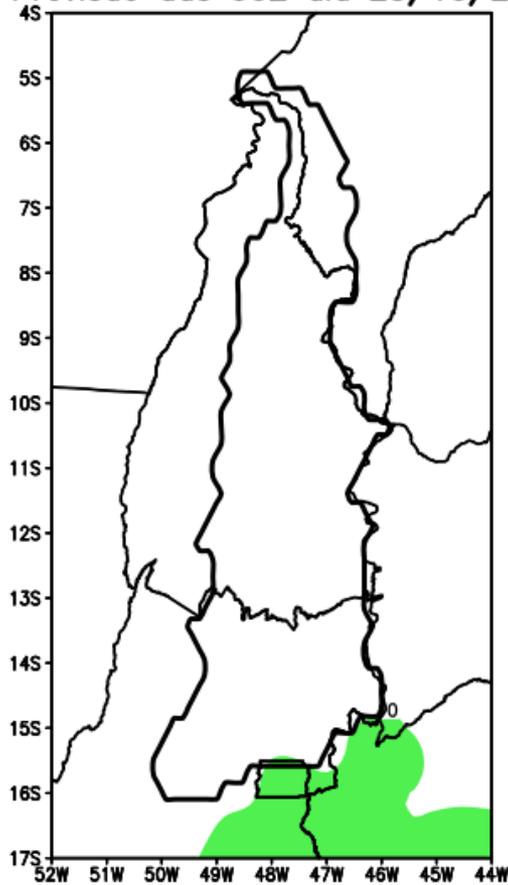
Anomalia de Precipitação BR (mm)
Período: 2023102500 a 2023110100



Fonte: GFS/NOAA

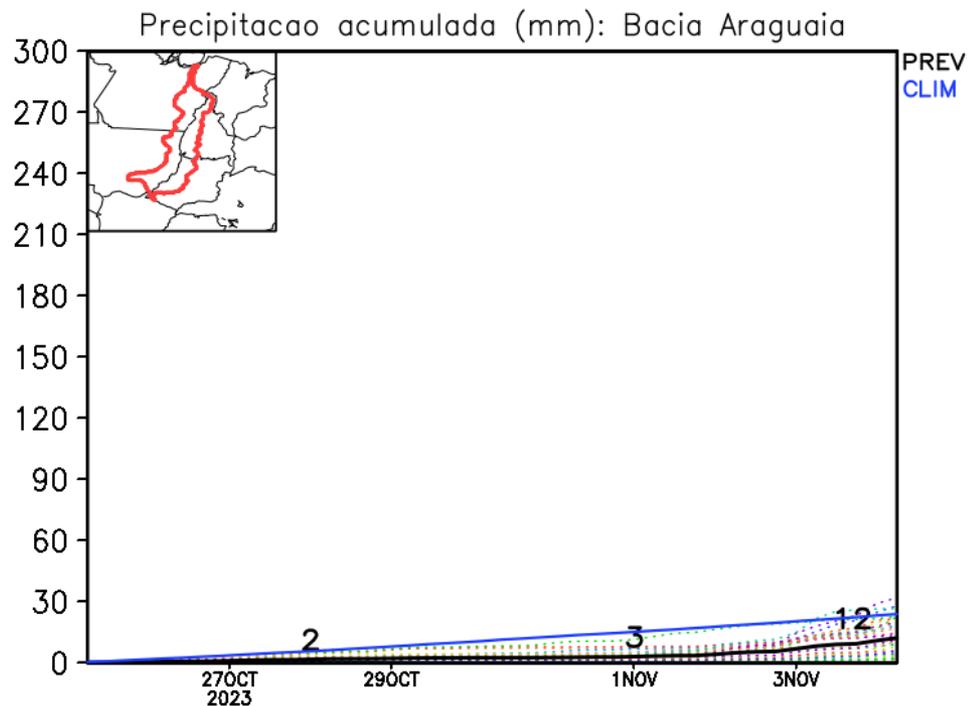
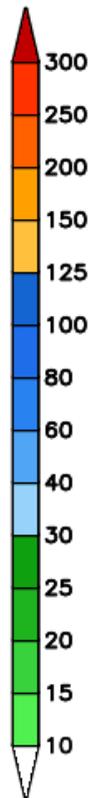
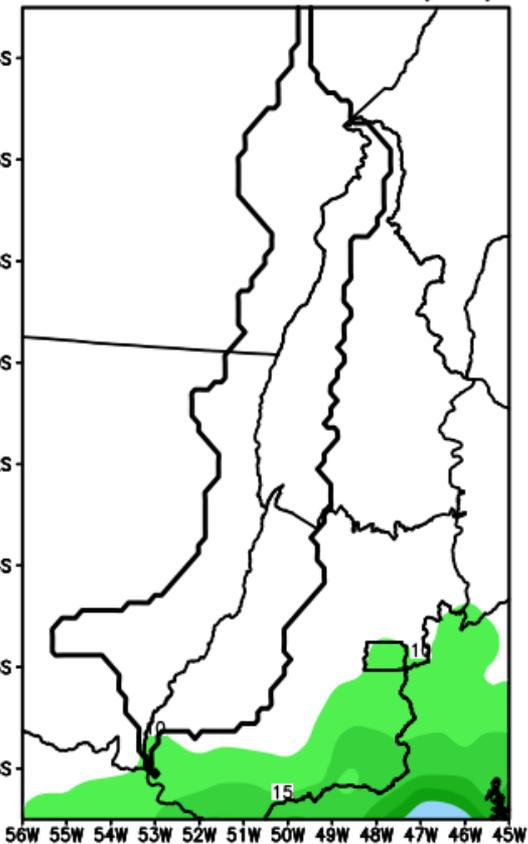
Previsão Bacia Rio Tocantins

GEFS / Bacia Tocantins
Precipitacao acumulada em 7 dias (mm)
Previsao das 00Z dia 25/10/2023



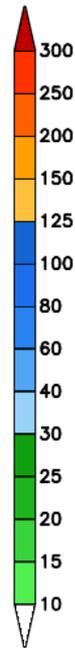
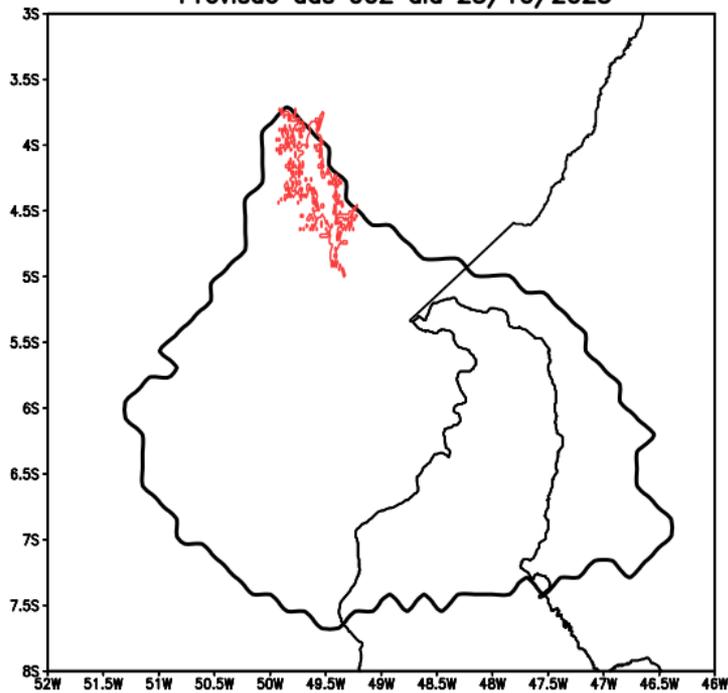
Previsão Bacia Rio Araguaia

GEFS / Bacia do Rio Araguaia
Precipitacao acumulada em 7 dias (mm)
Previsao das 00Z dia 25/10/2023

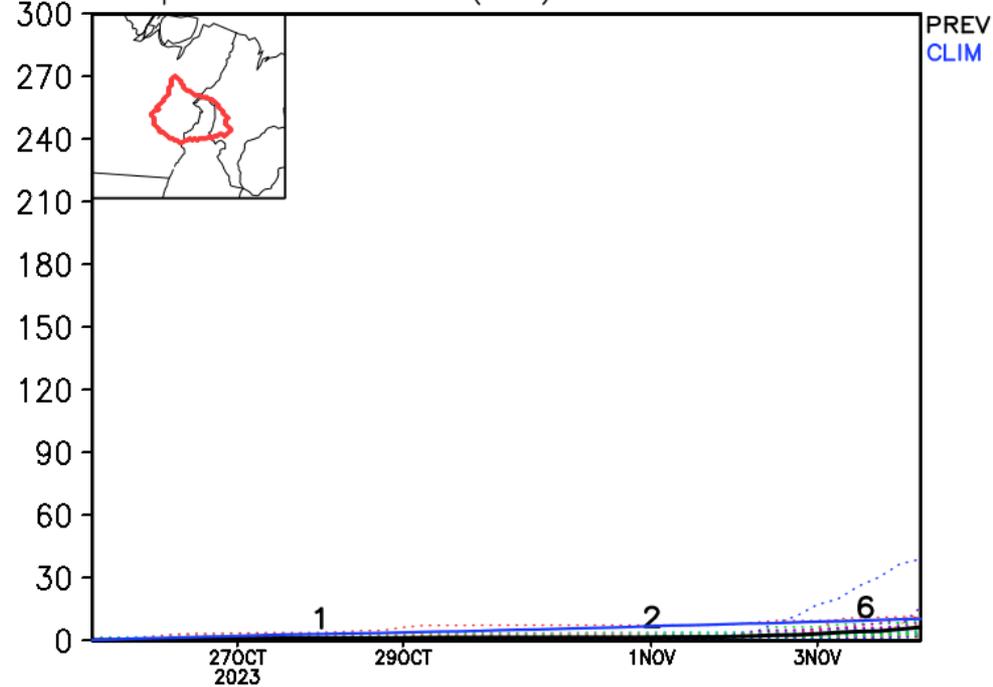


Previsão Bacia Tocantins (Baixo)

GEFS / Bacia Baixo Tocantins
Precipitação acumulada em 7 dias (mm)
Previsão das 00Z dia 25/10/2023

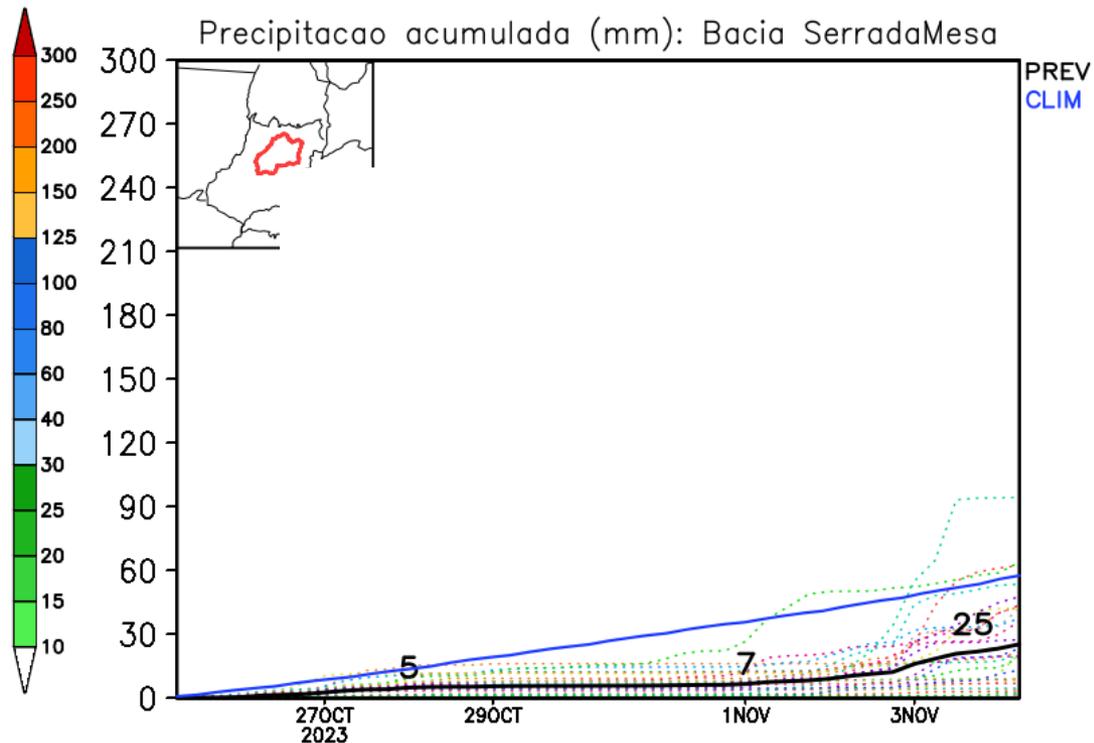
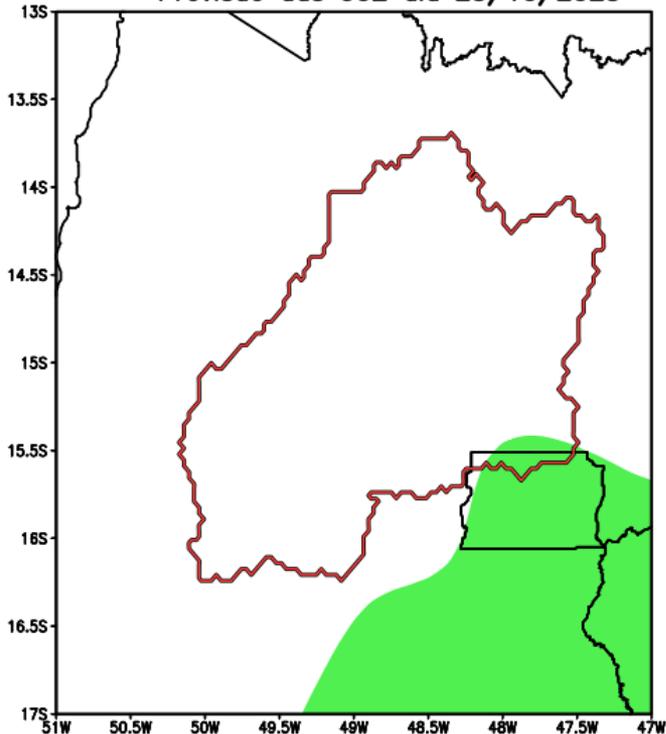


Precipitação acumulada (mm): Bacia Tocantins–Baixo

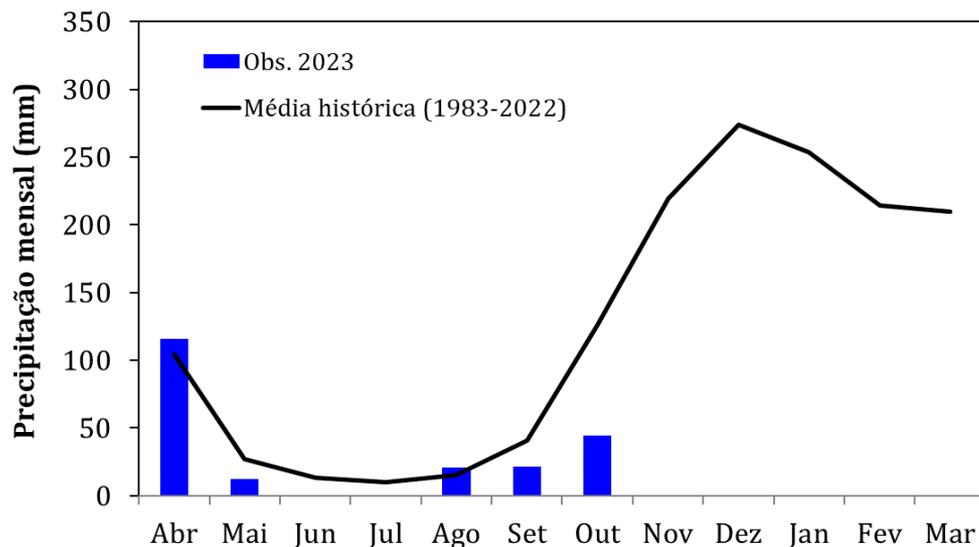


Previsão Bacia Serra da Mesa

GEFS / Bacia Serra da Mesa
Precipitacao acumulada em 7 dias (mm)
Previsao das 00Z dia 25/10/2023



Monitoramento UHE Serra da Mesa



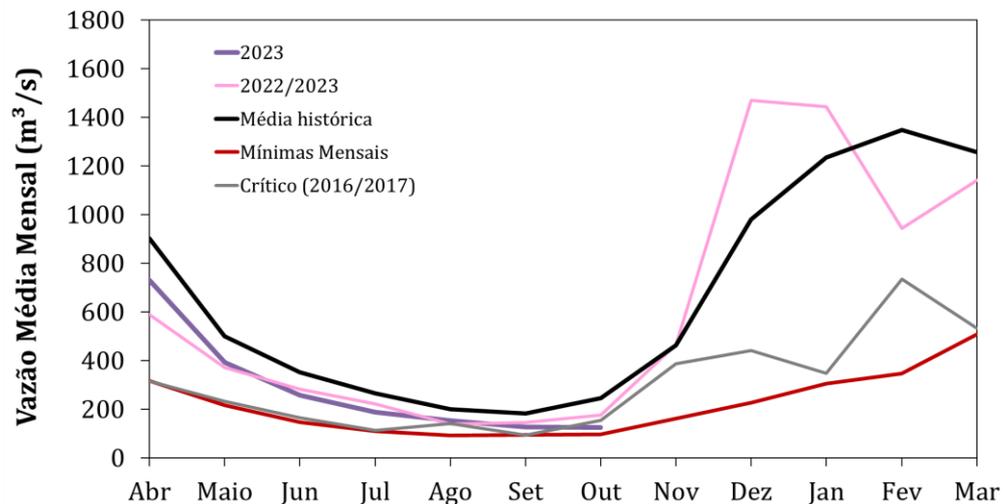
Precipitação

Estação Chuvosa - Out a Abr – 1402 mm
 2021/2022: 1473 mm (**105% da média histórica**)
 2022/2023: 1358 mm (**97% da média histórica**)

Estação Seca - Maio a Set – 106 mm
 2022: 54 mm (**51% da média histórica**)
 2023: 52 mm (**49% da média histórica**)

Out/2023*: 44 mm (**Média histórica = 126 mm**)

*Até 23/10/2023



Vazão

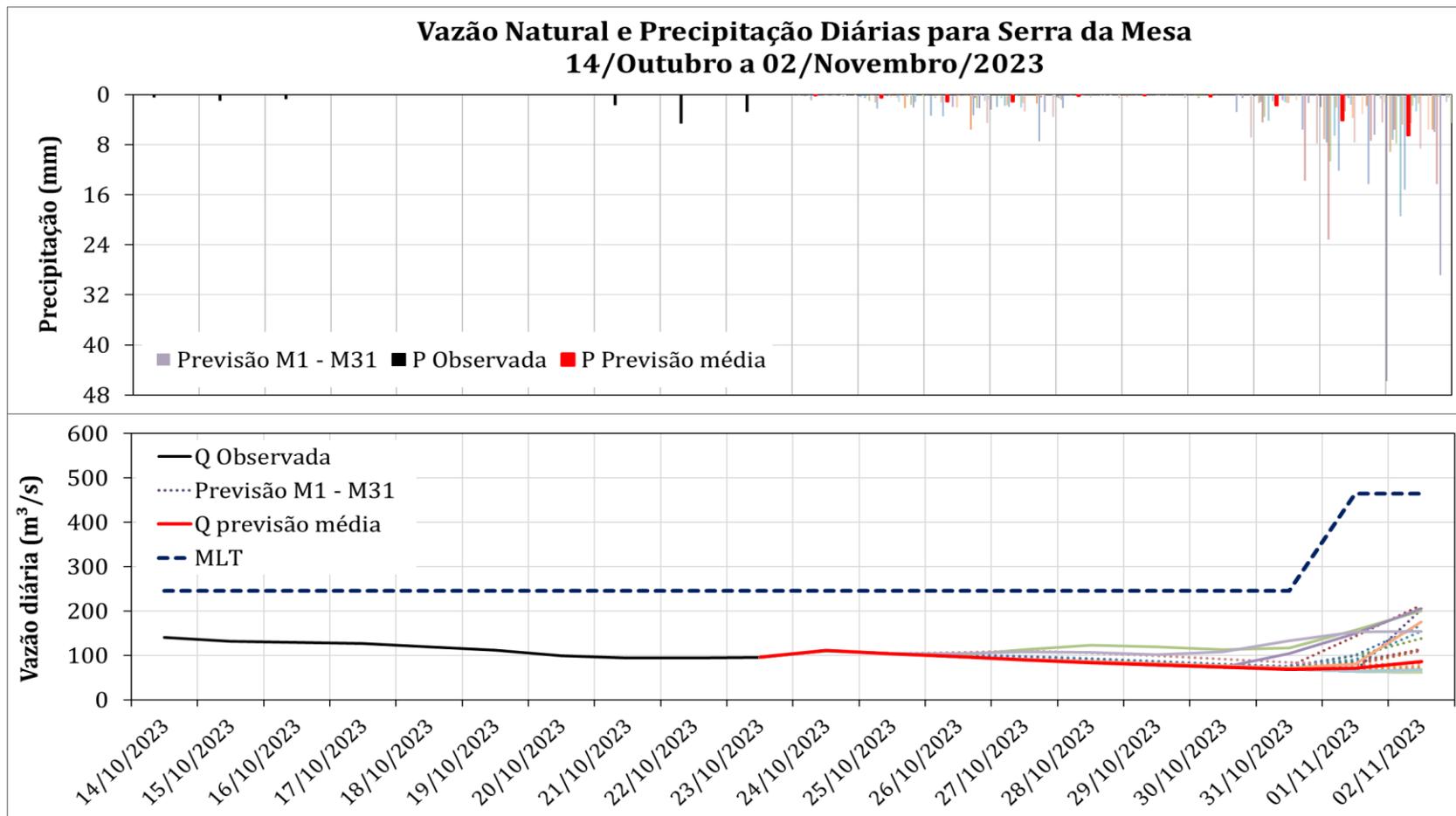
Estação Chuvosa - Out a Abr – 918 m³/s
 2021/2022: 1184 m³/s (**129% da MLT**)
 2022/2023: 909 m³/s (**99% da MLT**)

Estação Seca - Maio a Set – 300 m³/s
 2022: 231 m³/s (**77% da MLT**)
 2023: 224 m³/s (**75% da MLT**)

Outubro/2023*: 126 m³/s (**51% da MLT**)
23/Out/2023: 100 m³/s (**39% da MLT**)

*Até 23/10/2023

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



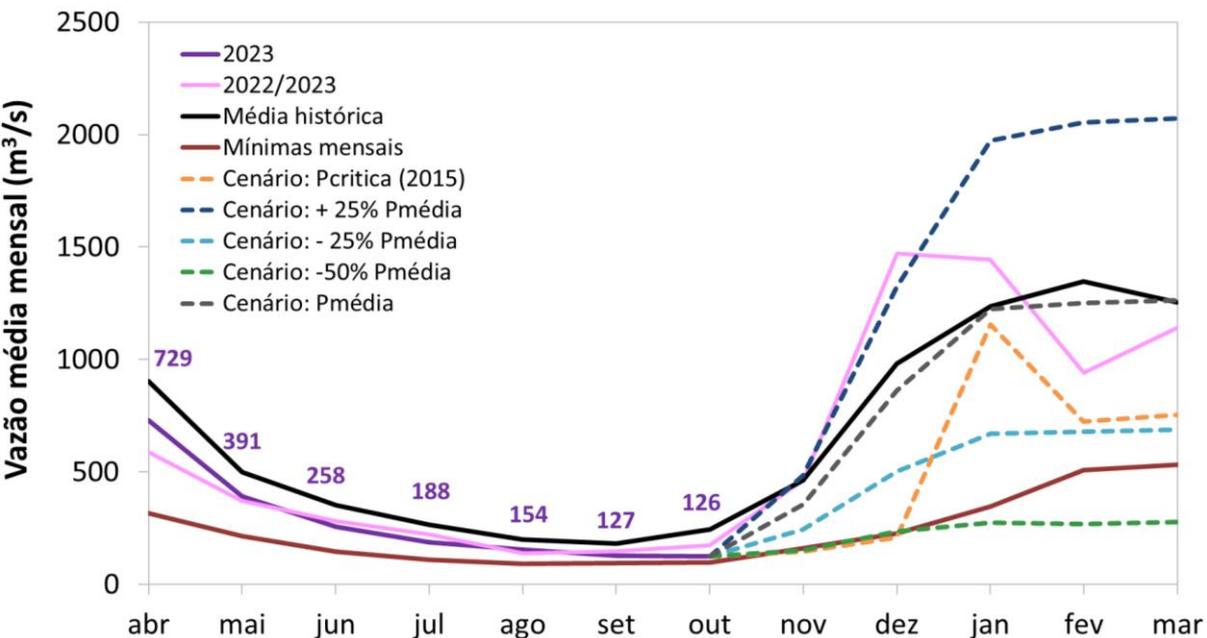
Dados **observados de precipitação** (barras pretas) para o período 14 a 23/10/23 e **previsão** para o período de 24/10 a 02/11/23.
Dados **observados de vazão** (linha preta) para o período 14 a 23/10/23 e **previsão** para o período de 24/10 a 02/11/23.

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: 86 m³/s

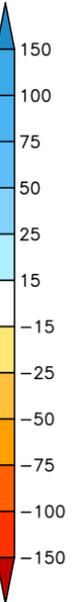
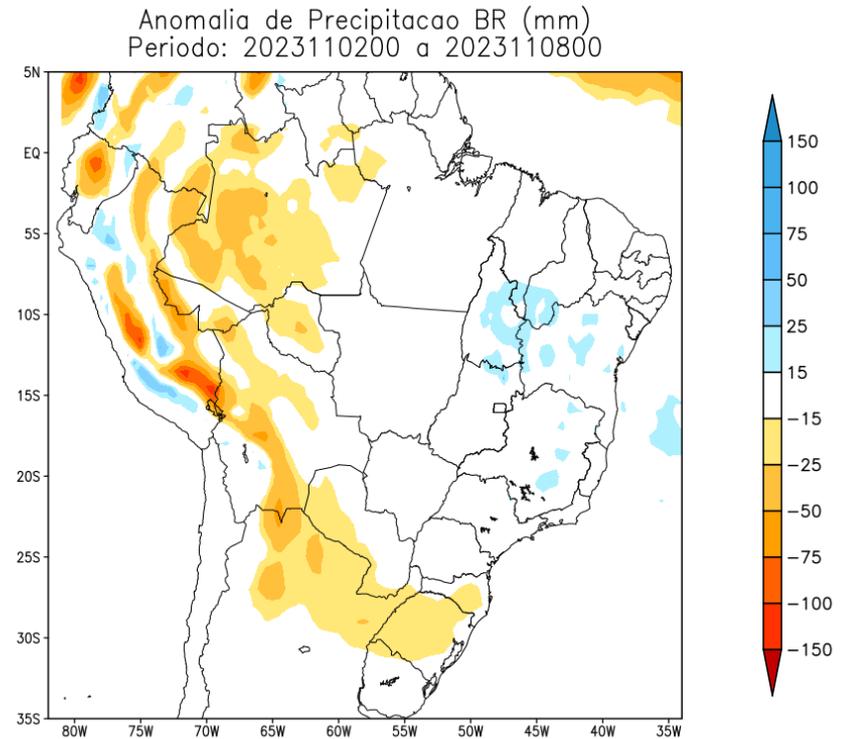
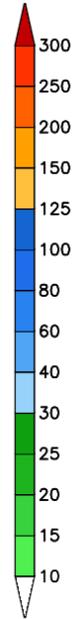
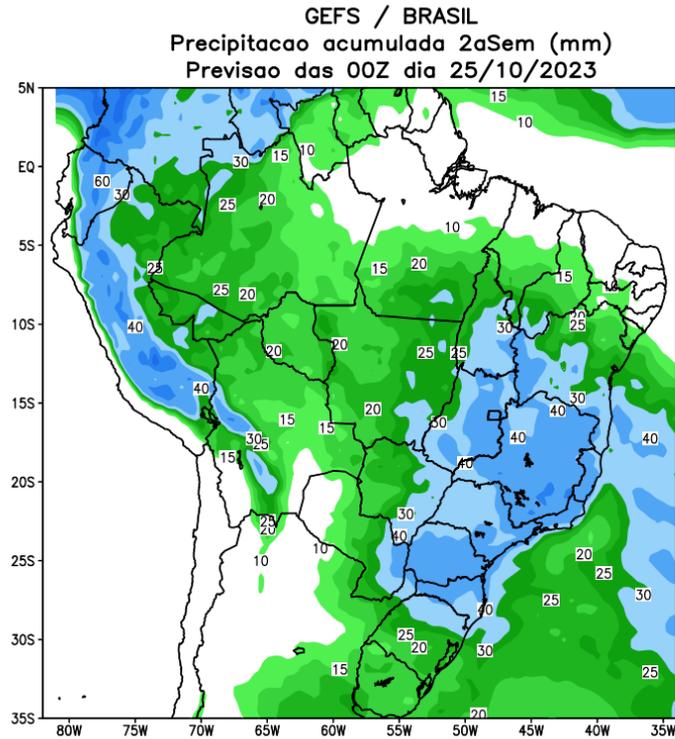
Serra da Mesa: Projeção de Vazão (modelo hidrológico PDM-CEMADEN)



Novembro - Março
MLT: 1056 m³/s

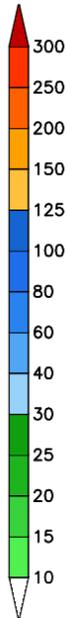
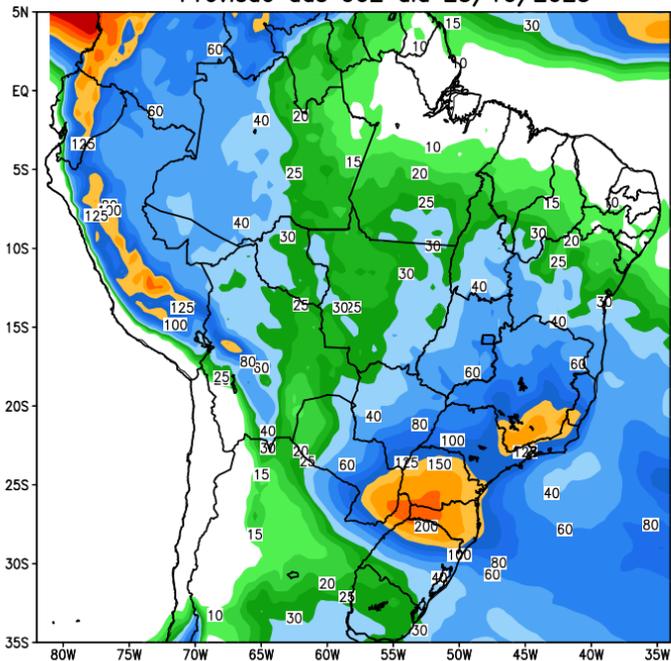
Vazão	% MLT
1582 m³/s	150%
991 m³/s	94%
557 m³/s	53%
242 m³/s	23%
597 m³/s	57%

Tendência para a 2a Semana

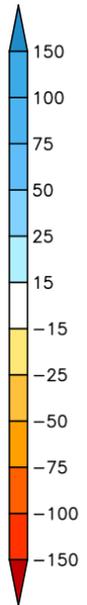
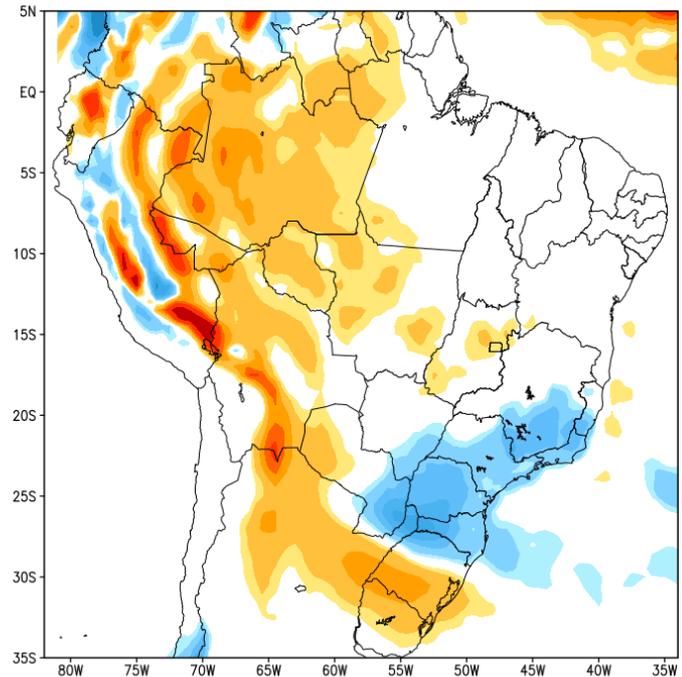


Tendência para as próximas duas semanas

GEFS / BRASIL
Precipitação acumulada 14 dias (mm)
Previsão das 00Z dia 25/10/2023



Anomalia de Precipitação BR (mm)
Período: 2023102500 a 2023110800

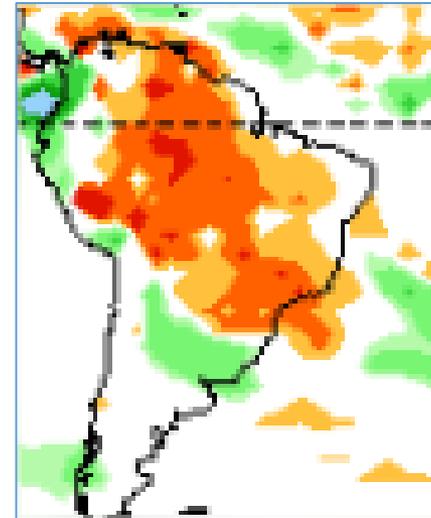
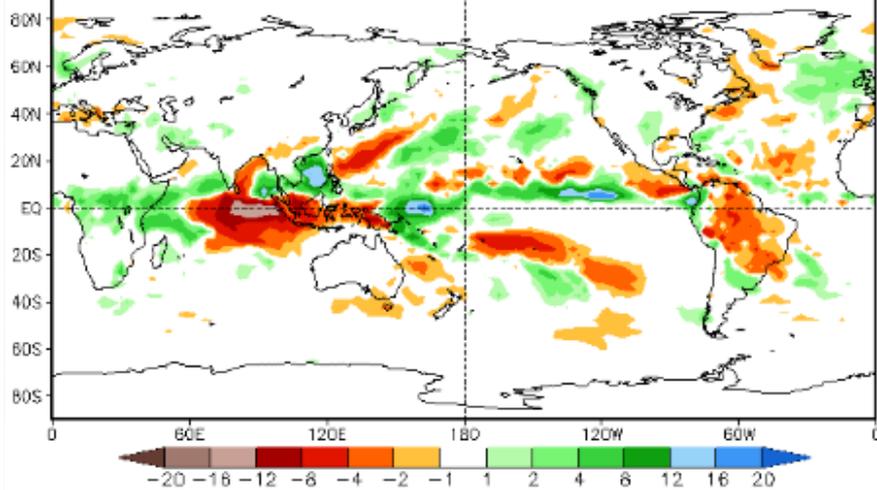


Tendência 3a e 4a semanas

16 Member Ensemble Mean Forecast from 24Oct2023

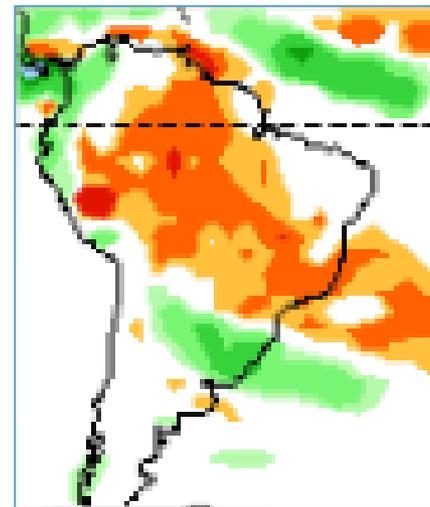
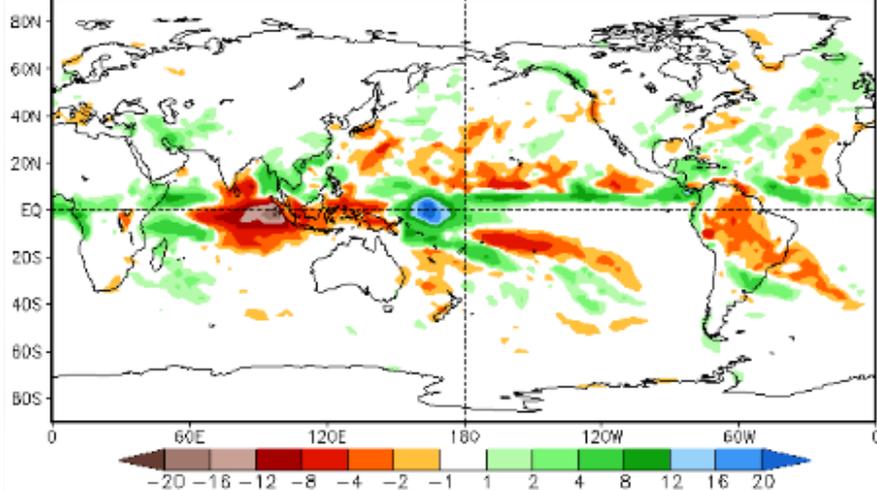
Week 3 Anomalies (mm/day)

8Nov2023-14Nov2023



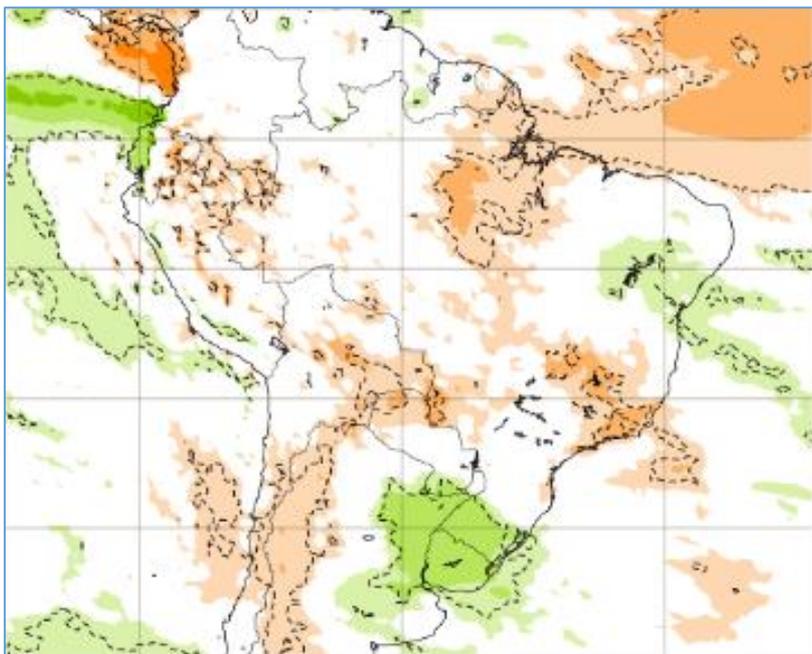
Week 4 Anomalies (mm/day)

15Nov2023-21Nov2023

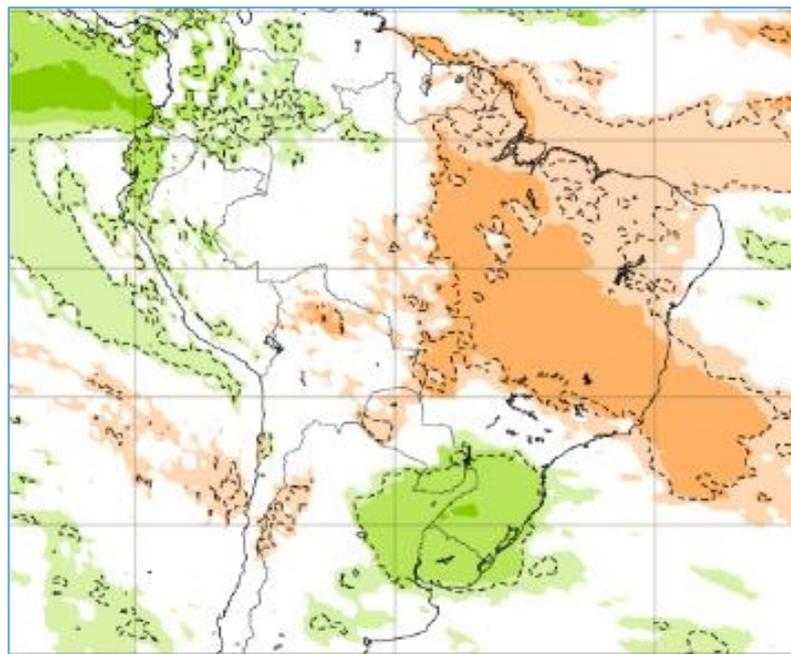


Tendência para 3ª e 4ª semanas

06-13 NOVEMBRO

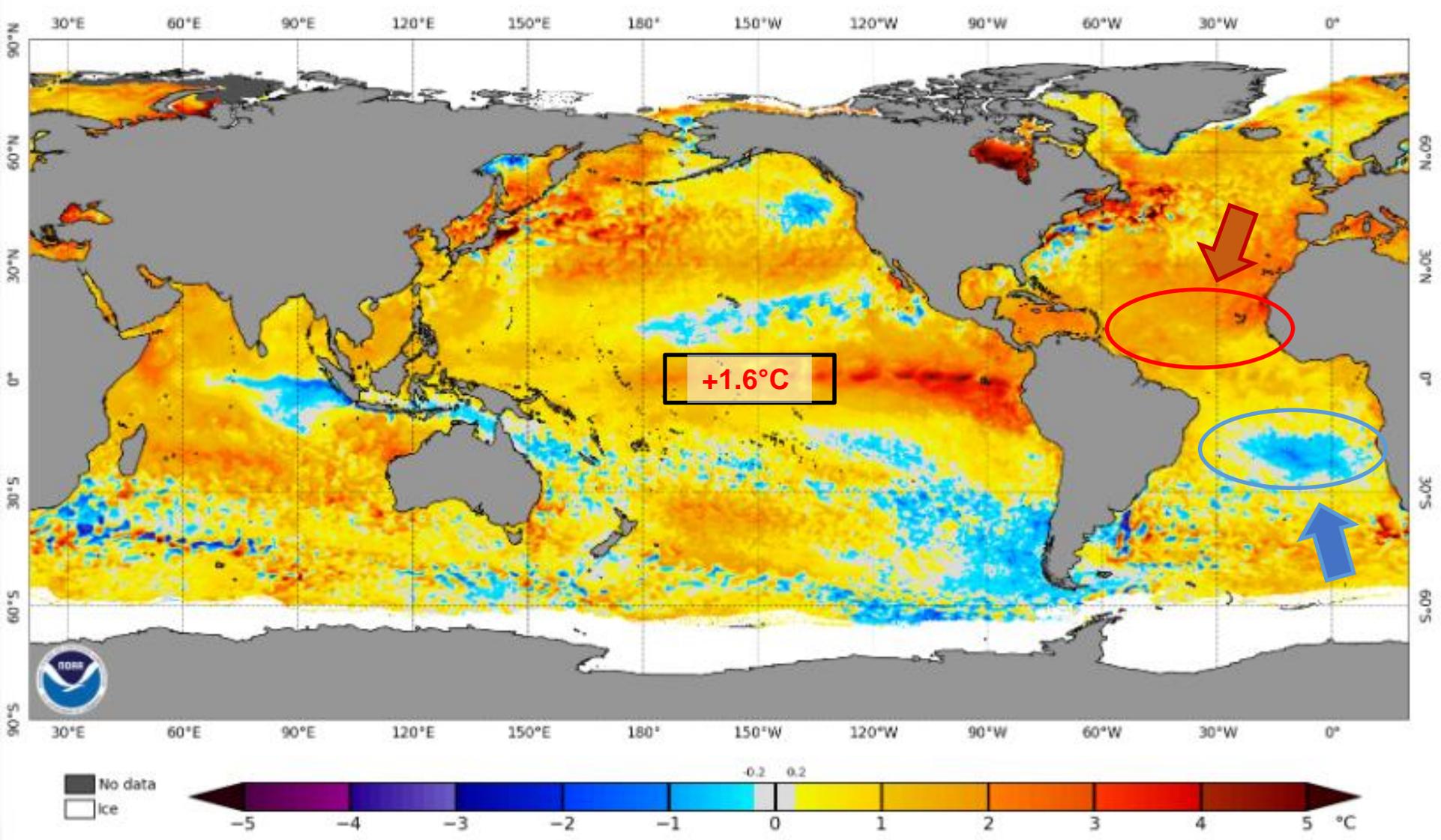


13-20 NOVEMBRO



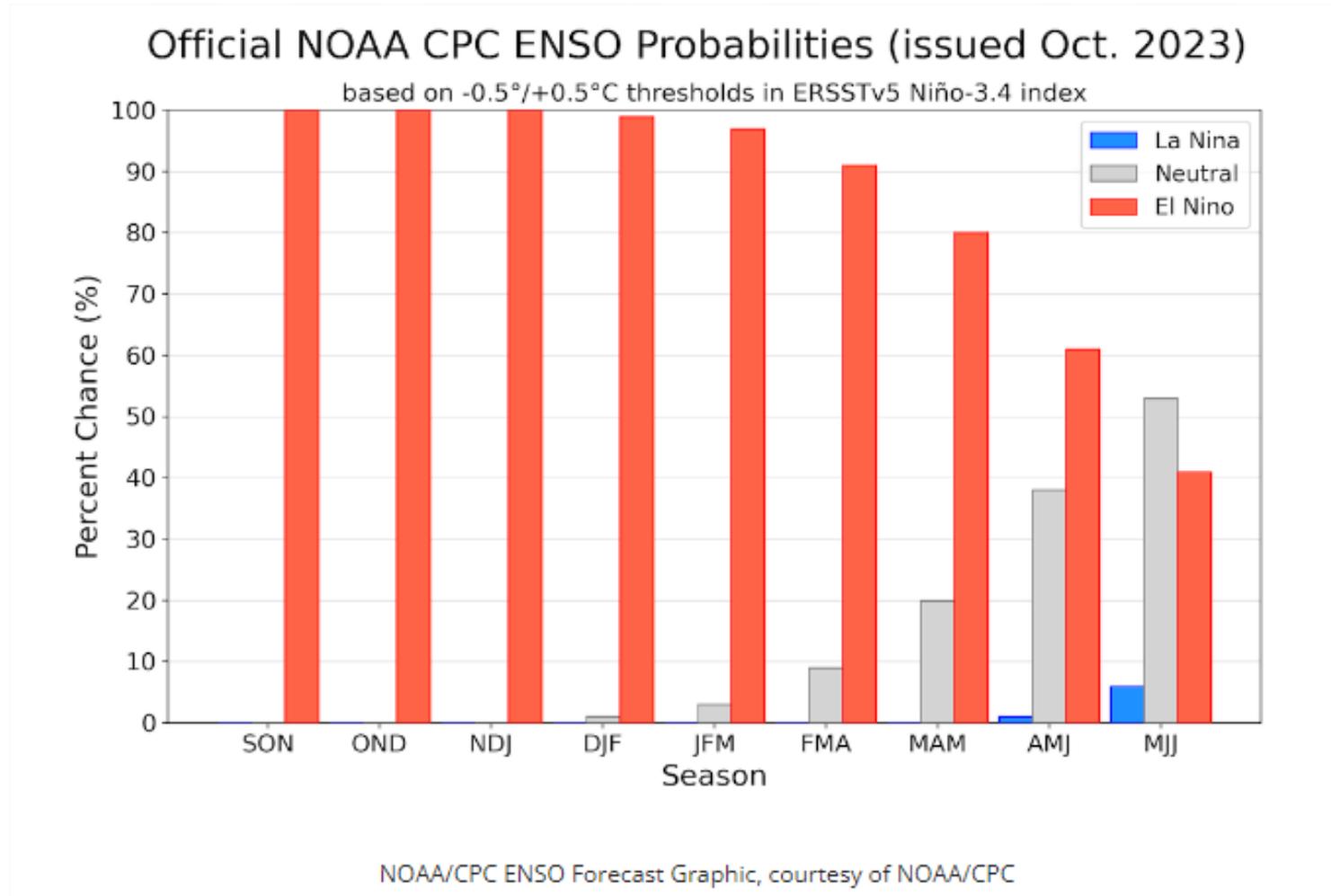
Status Atual: El Niño

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



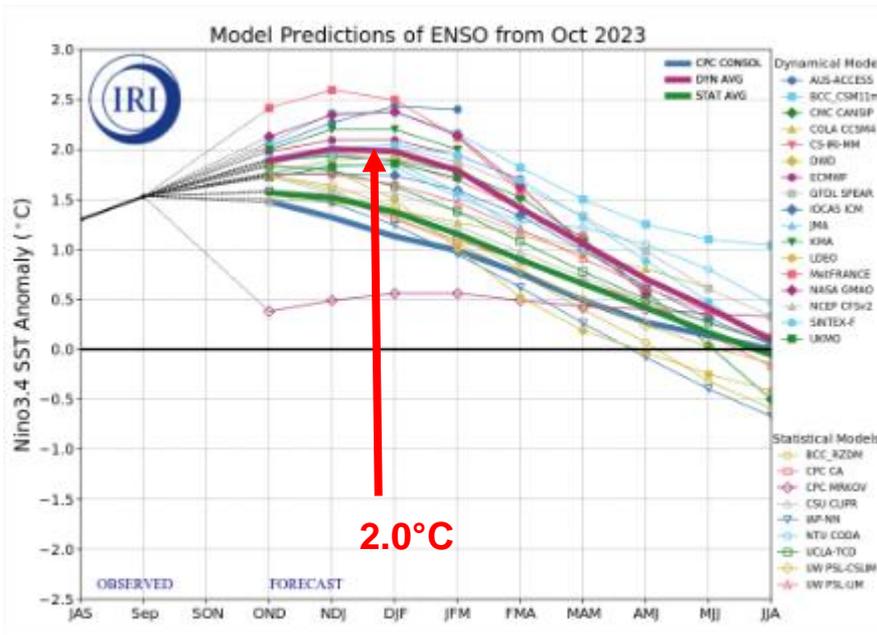


Previsão do “ENSO”

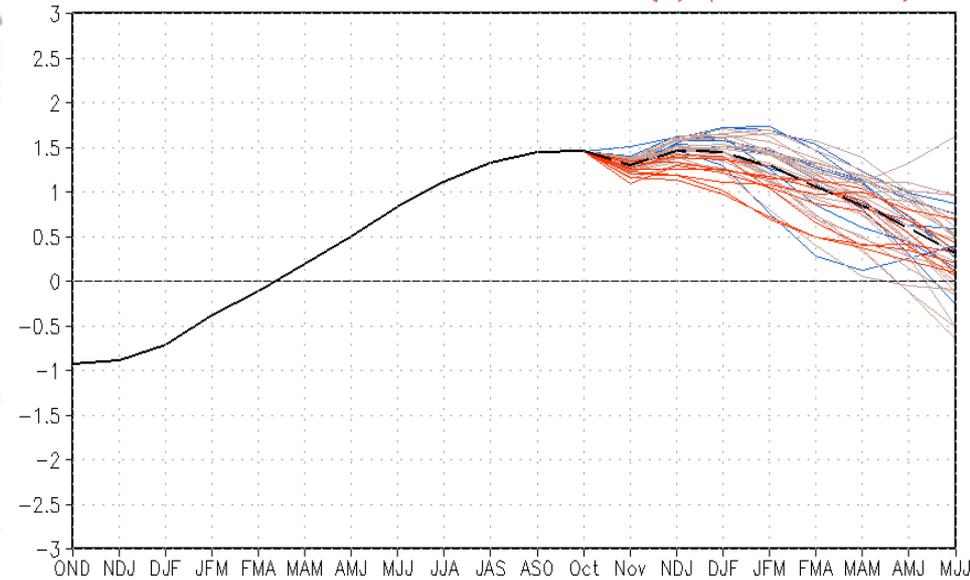




Previsão do “ENSO”

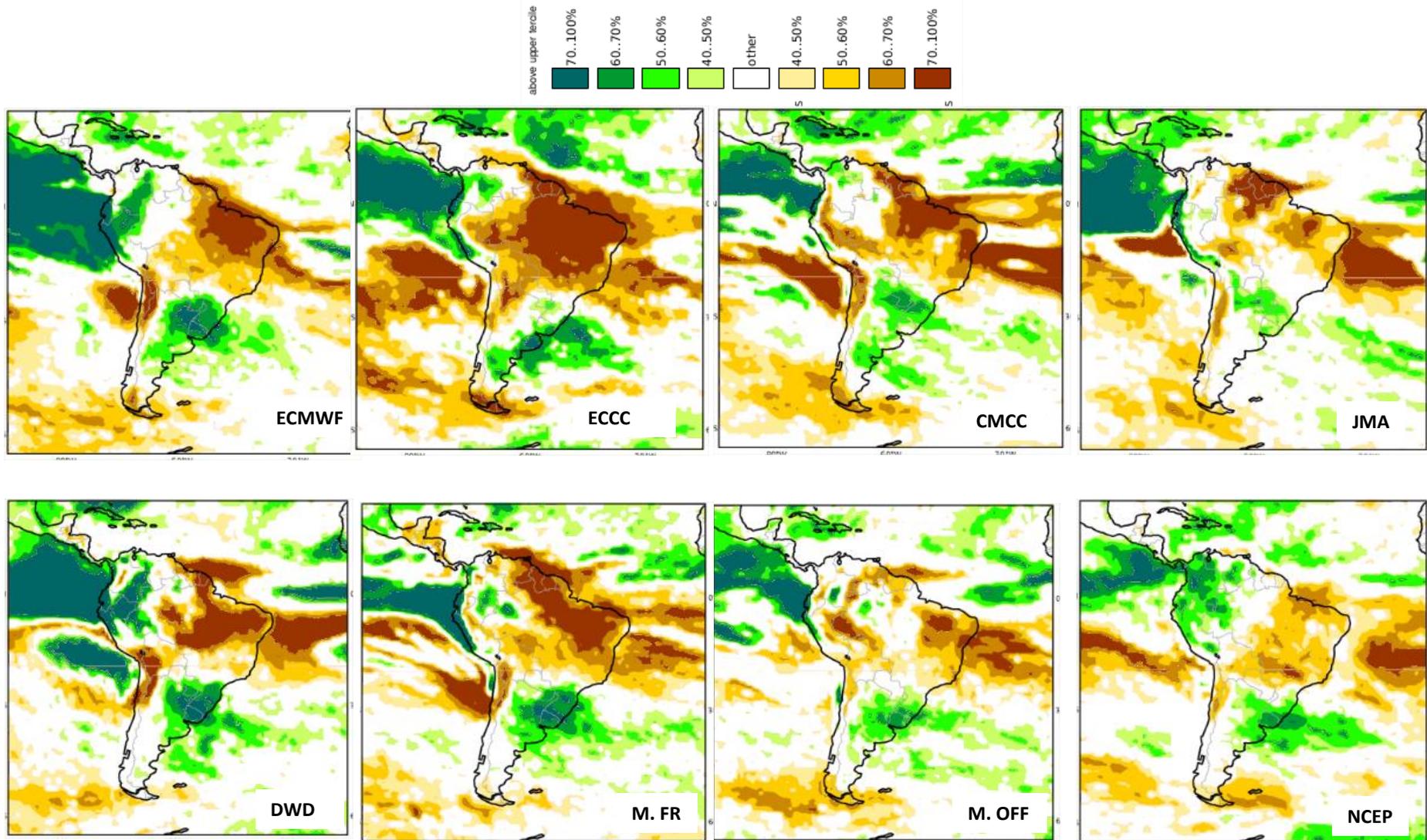


CFSv2 forecast Nino3.4 SST anomalies (K) (PDF corrected)



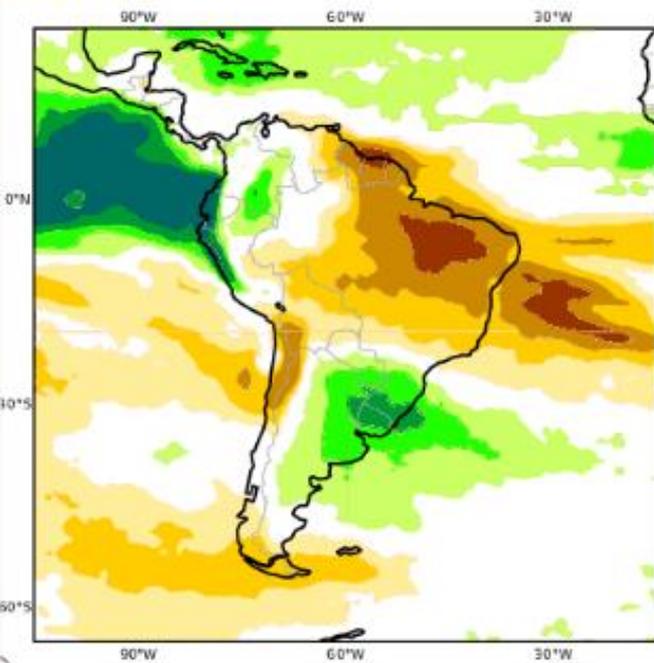
(Climatology base period: 1991–2020)

Previsão Sazonal de Chuva NDJ

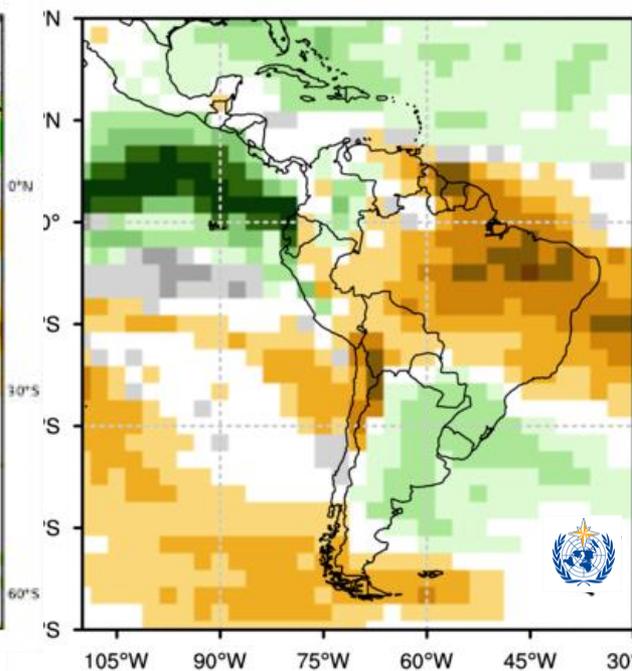


Previsão Sazonal de Chuva Multi-Modelo NDJ

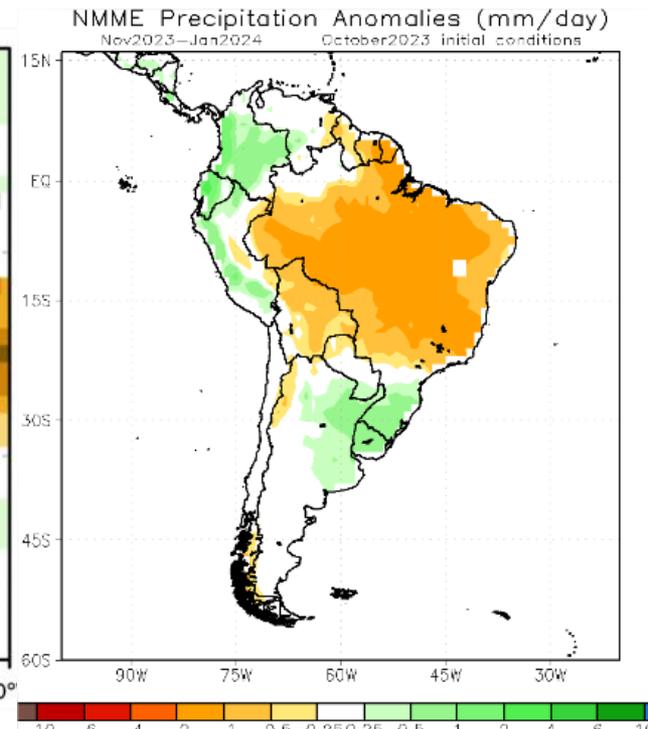
C3S multi-system seasonal forecast
Prob(most likely category of precipitation)
Nominal forecast start: 01/10/23
Unweighted mean



Modelos Europeus



Modelos da Organização Meteorológica Mundial



Modelos Americanos