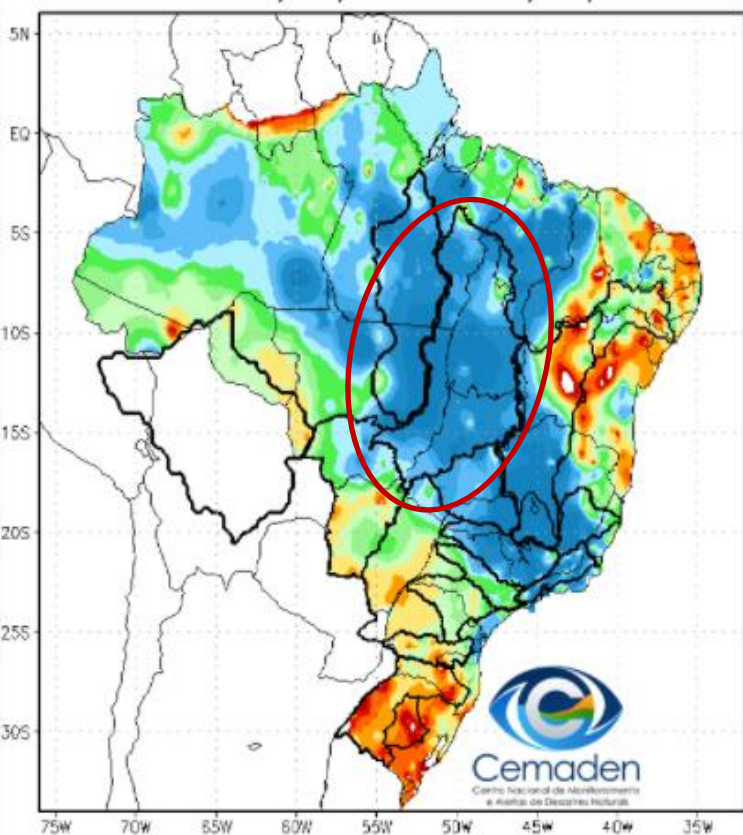


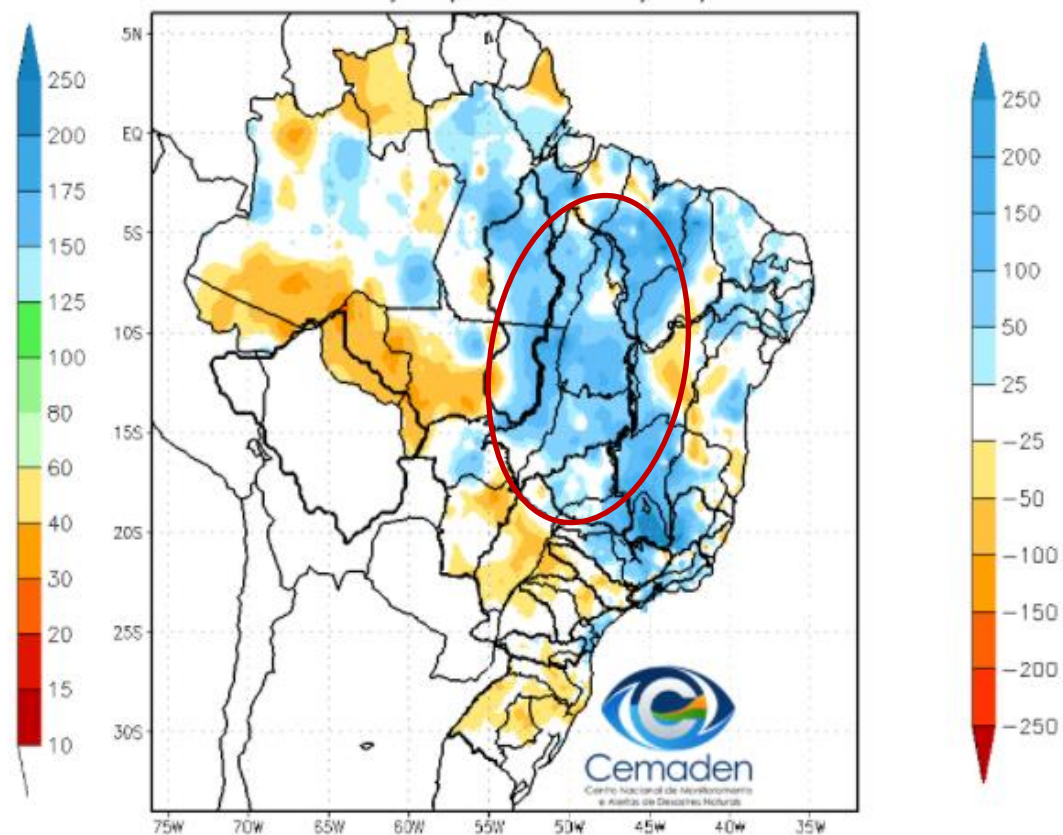
Monitoramento e Previsões para a Bacia do rio Tocantins

Precipitação acumulada nos últimos 15 dias

Precipitação Acumulada (mm) A.S.
Período: 26/12/2021 a 10/01/2022

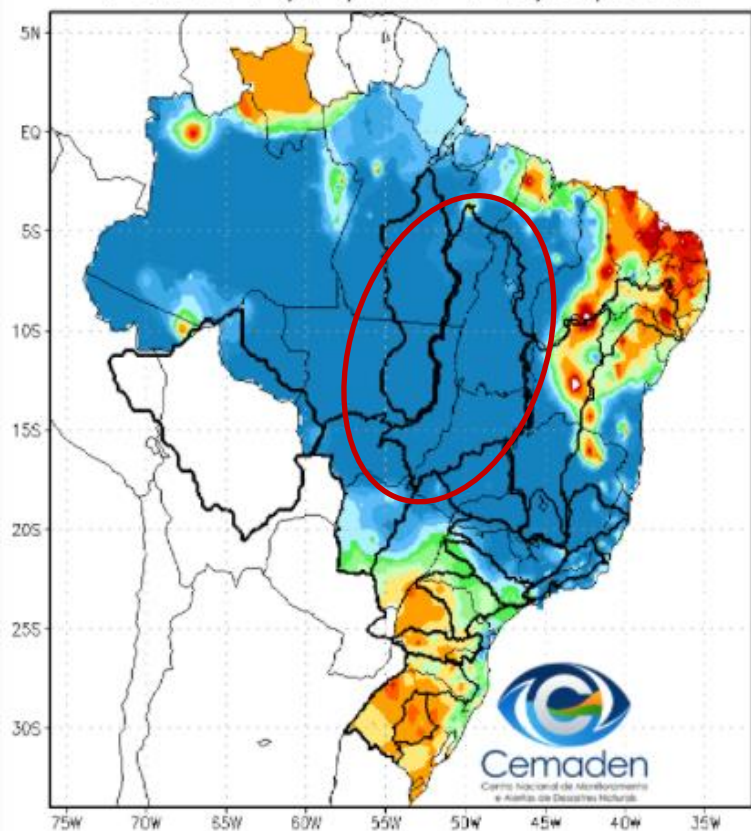


Anomalia de Precipitação (mm) A.S.
Período: 26/12/2021 a 10/01/2022

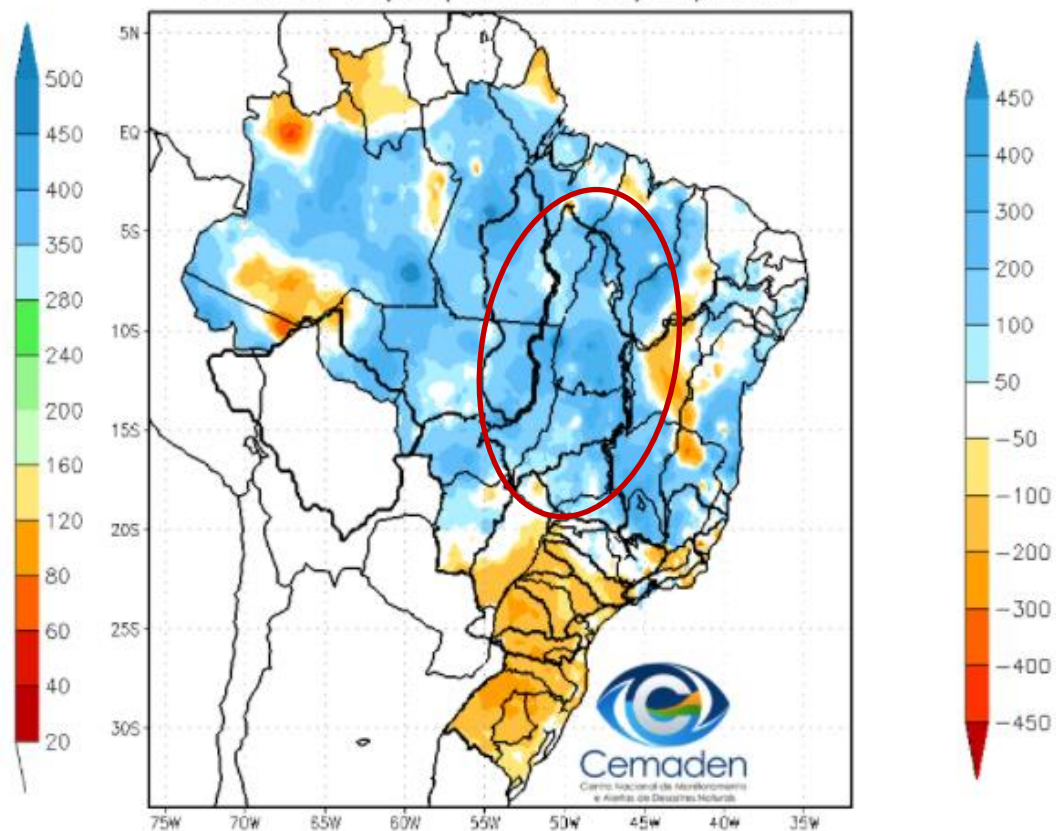


Precipitação acumulada nos últimos 60 dias

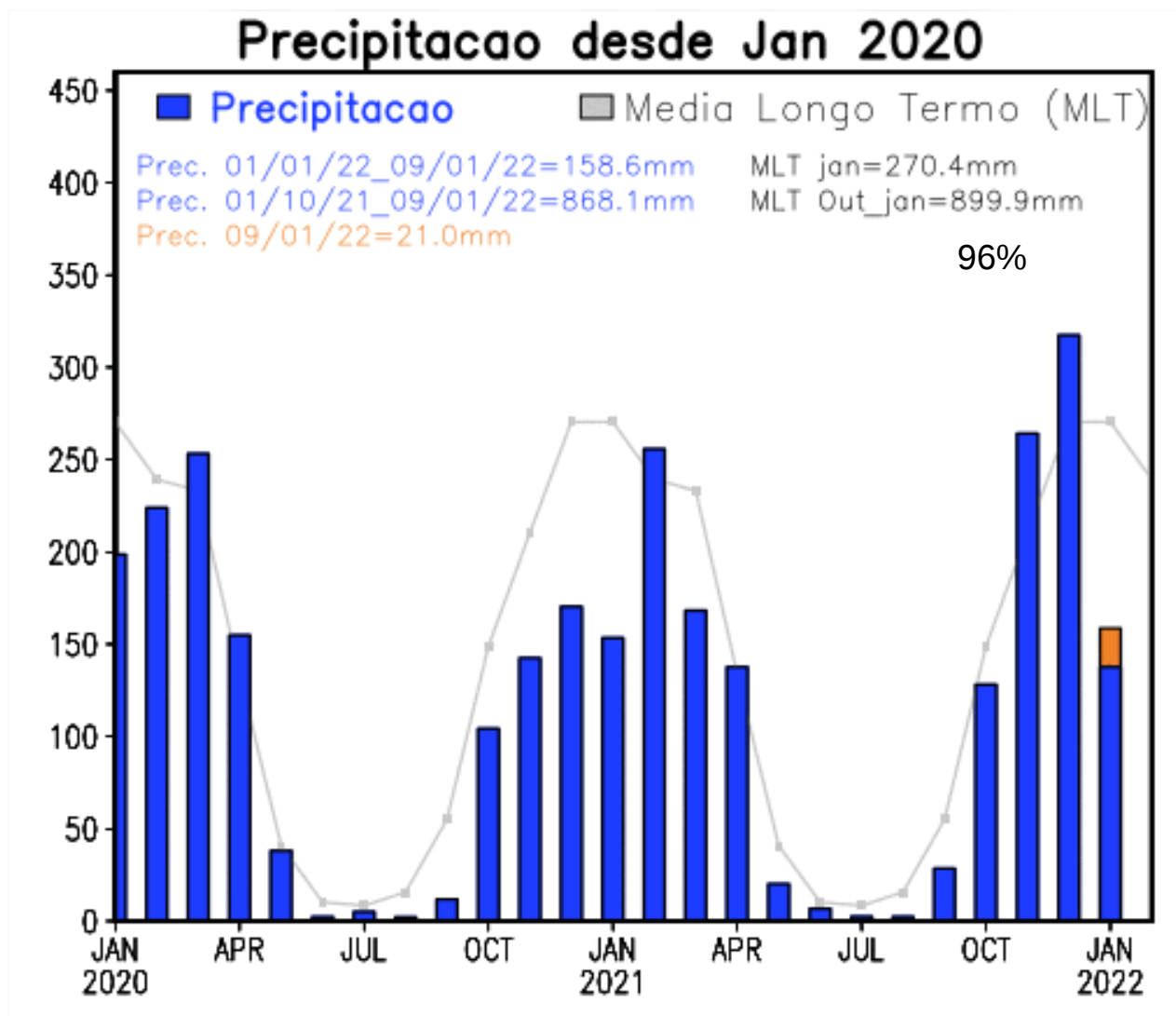
Precipitação Acumulada (mm) A.S.
Período: 11/11/2021 a 10/01/2022



Anomalia de Precipitação (mm) A.S.
Período: 11/11/2021 a 10/01/2022

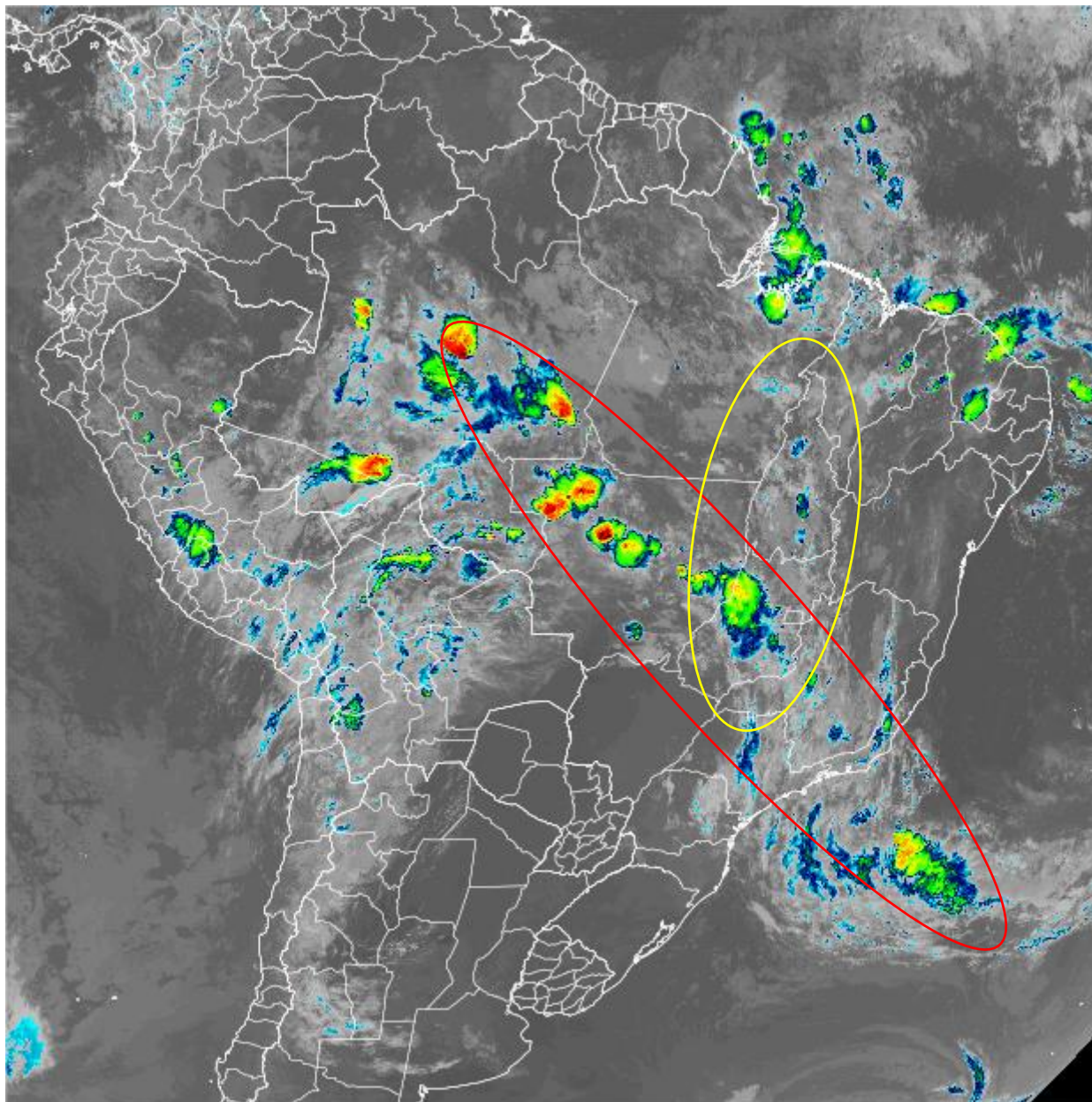


Evolução da Precipitação



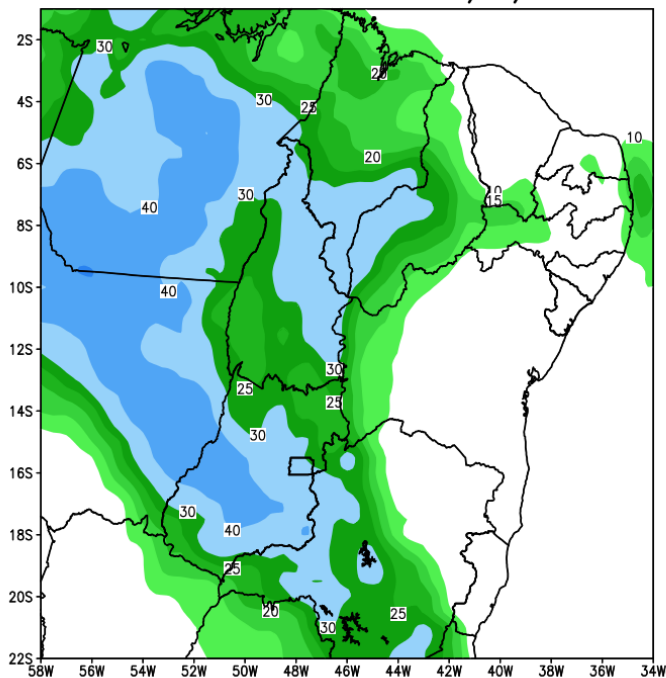
FONTE:
INPE

Situação meteorológica atual

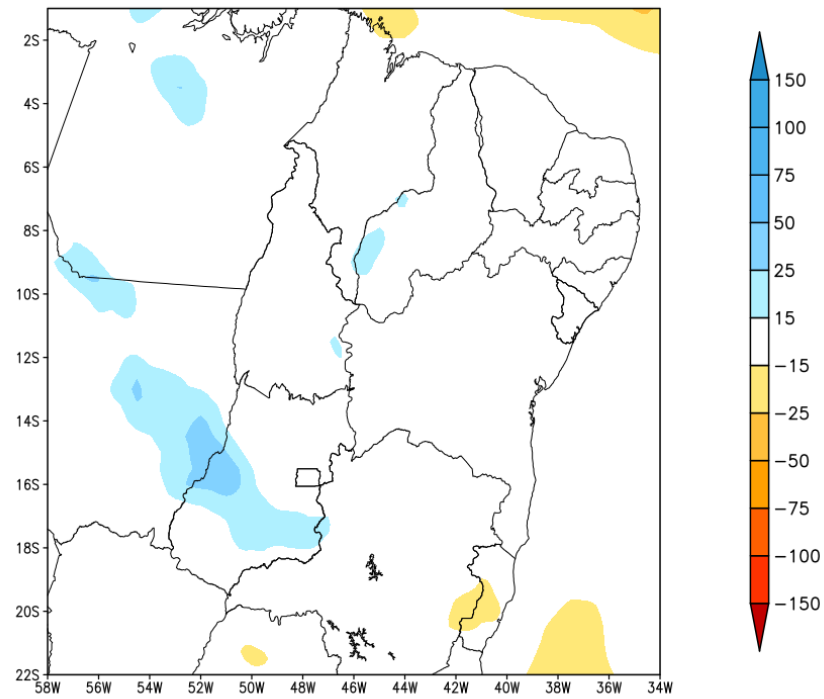


Previsão de chuva próximos 3 dias

GEFS / BRASIL_NE
Precipitacao acumulada 3dias (mm)
Previsao das 00Z dia 11/01/2022



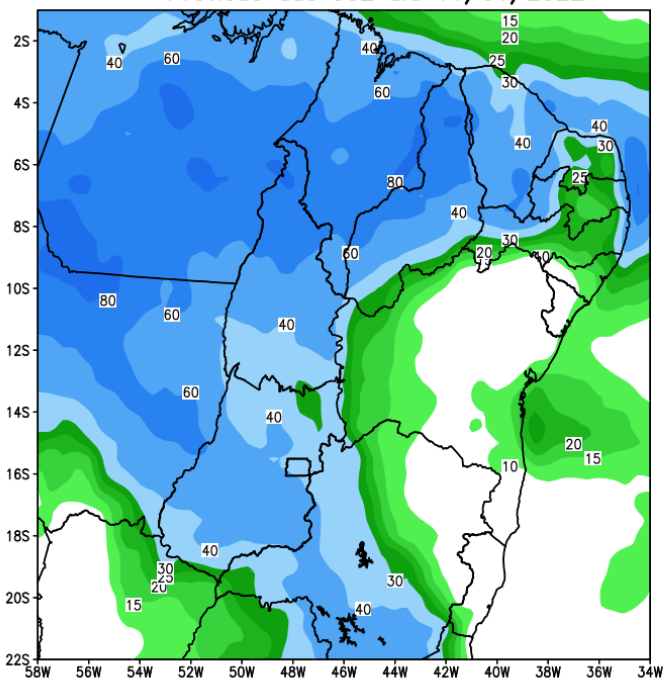
Anomalia de Precipitacao BR NE (mm)
Periodo: 2022011100 a 2022011400



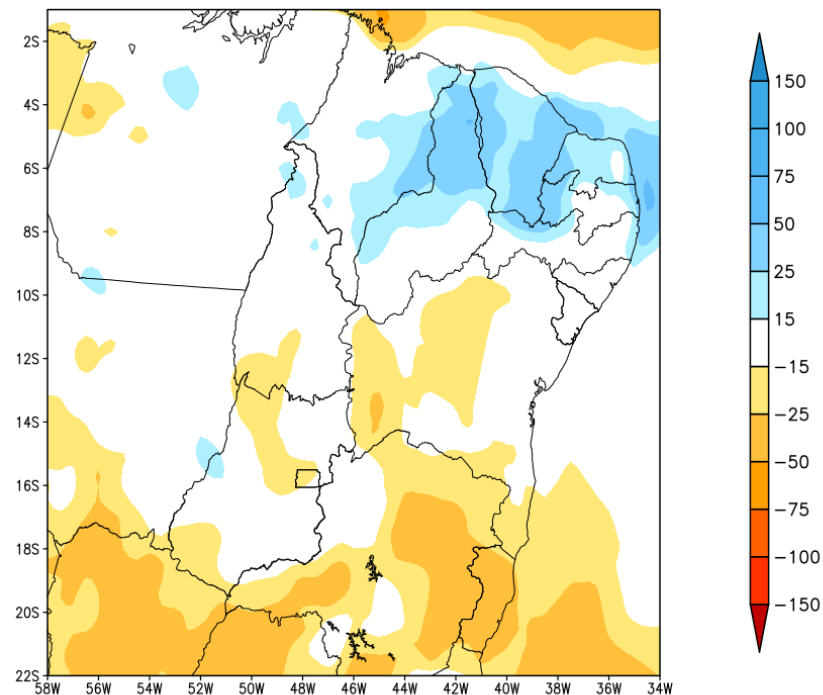
Fonte: GFS/NOAA

Previsão de chuva próximos 7 dias

GEFS / BRASIL_NE
Precipitacao acumulada 1aSem (mm)
Previsao das 00Z dia 11/01/2022



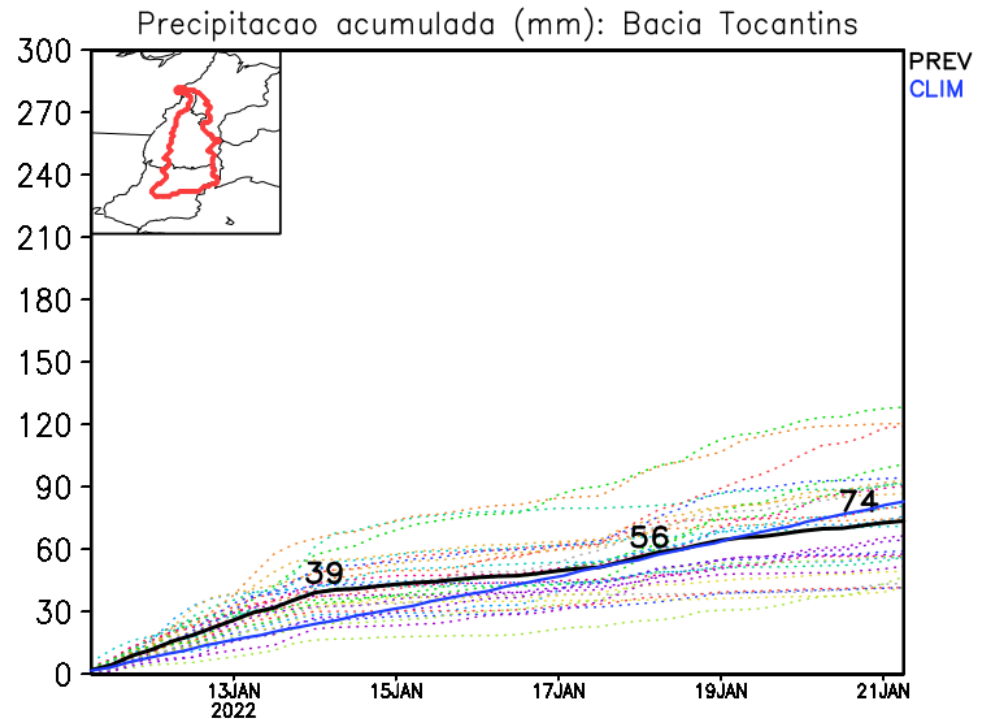
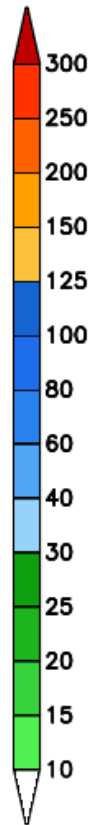
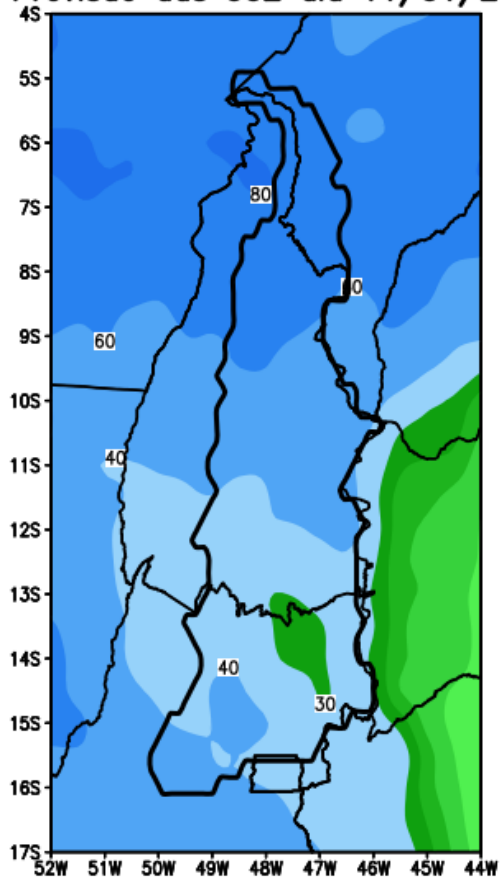
Anomalia de Precipitacao BR NE (mm)
Período: 2022011100 a 2022011800



Fonte: GFS/NOAA

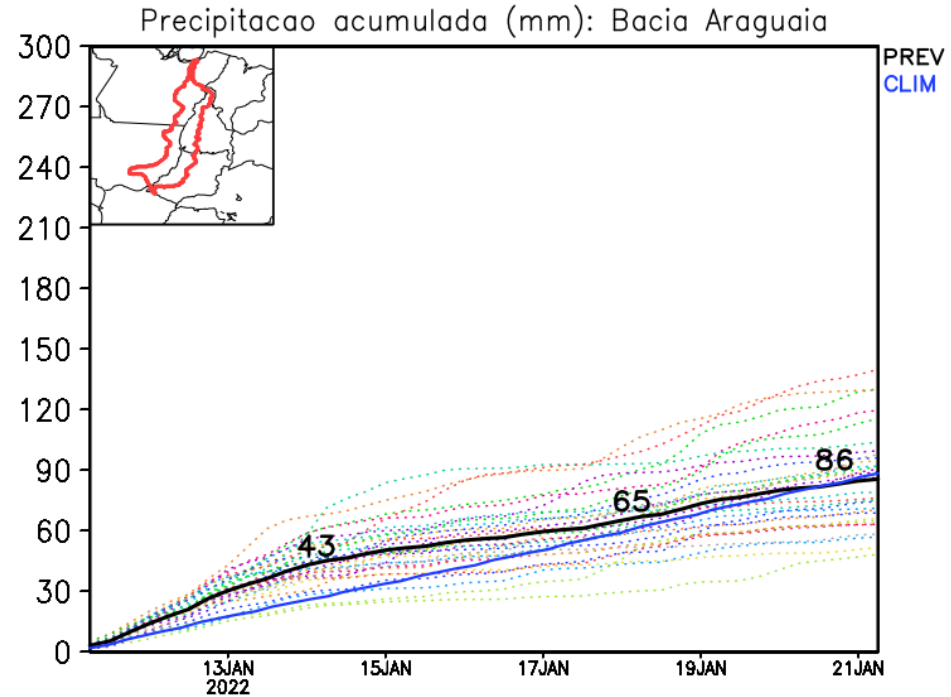
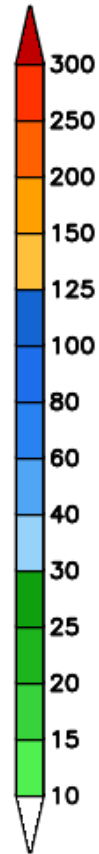
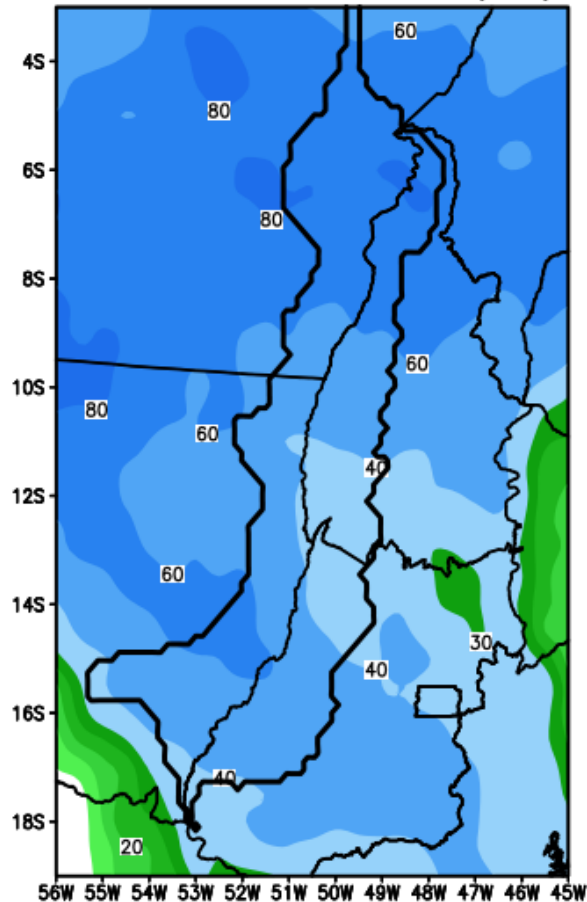
Previsão Bacia Rio Tocantins

GEFS / Bacia Tocantins
Precipitação acumulada em 7 dias (mm)
Previsão das 00Z dia 11/01/2022



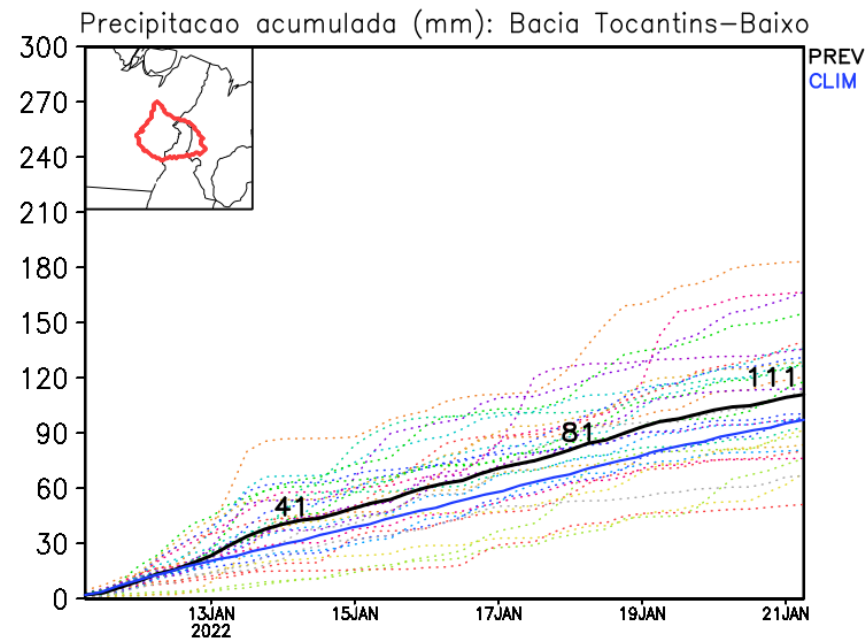
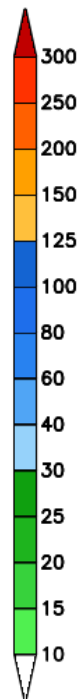
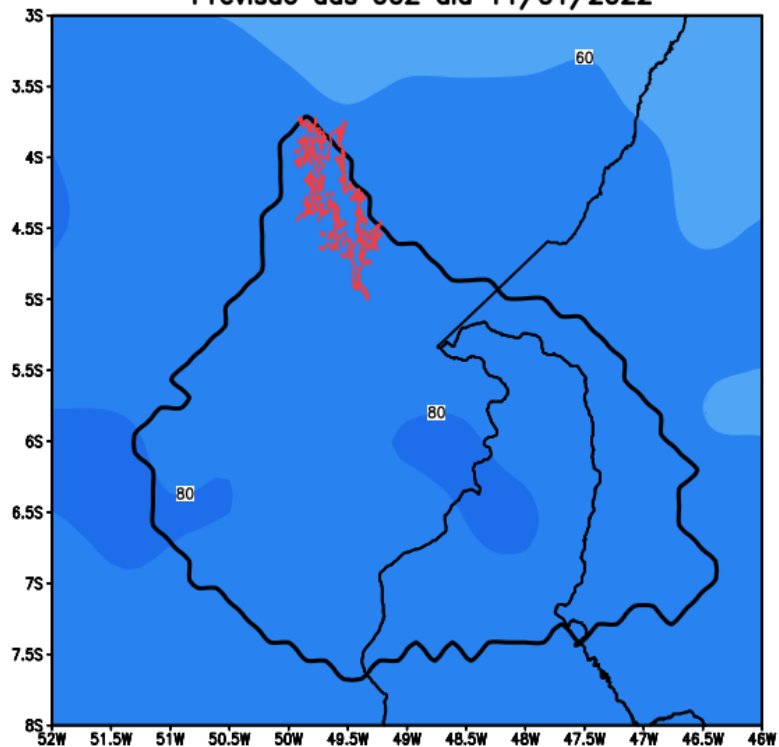
Previsão Bacia Rio Araguaia

GEFS / Bacia do Rio Araguaia
Precipitacao acumulada em 7 dias (mm)
Previsao das 00Z dia 11/01/2022



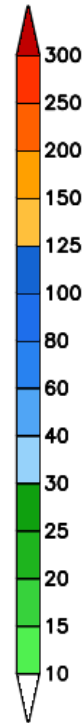
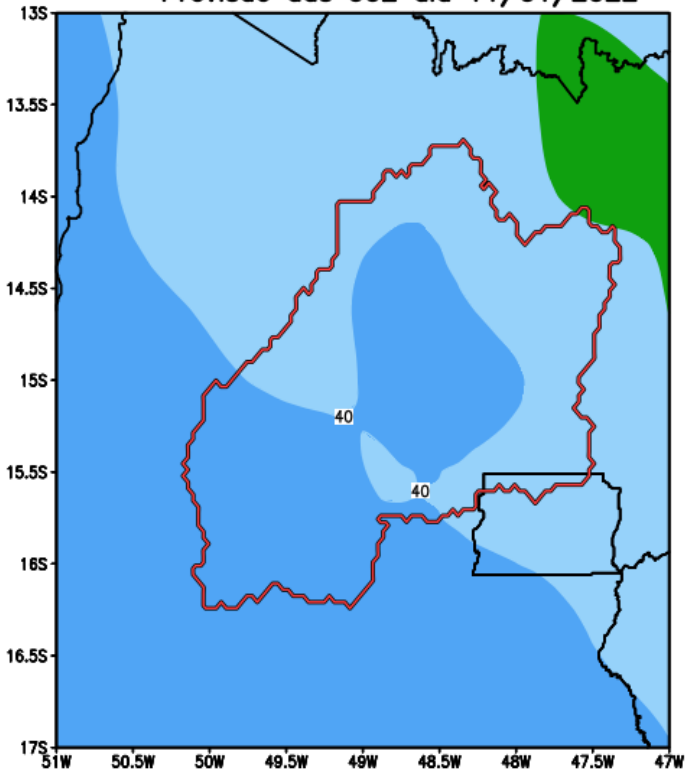
Previsão Bacia Tocantins-Araguaia (Baixo)

GEFS / Bacia Baixo Tocantins
Precipitacao acumulada em 7 dias (mm)
Previsao das 00Z dia 11/01/2022

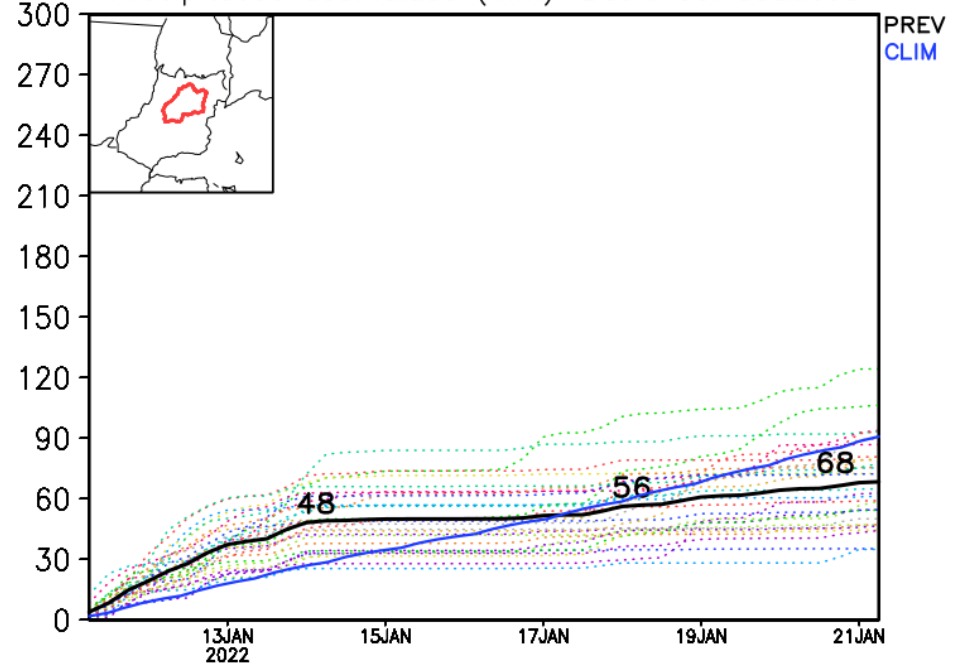


Previsão Bacia Serra da Mesa

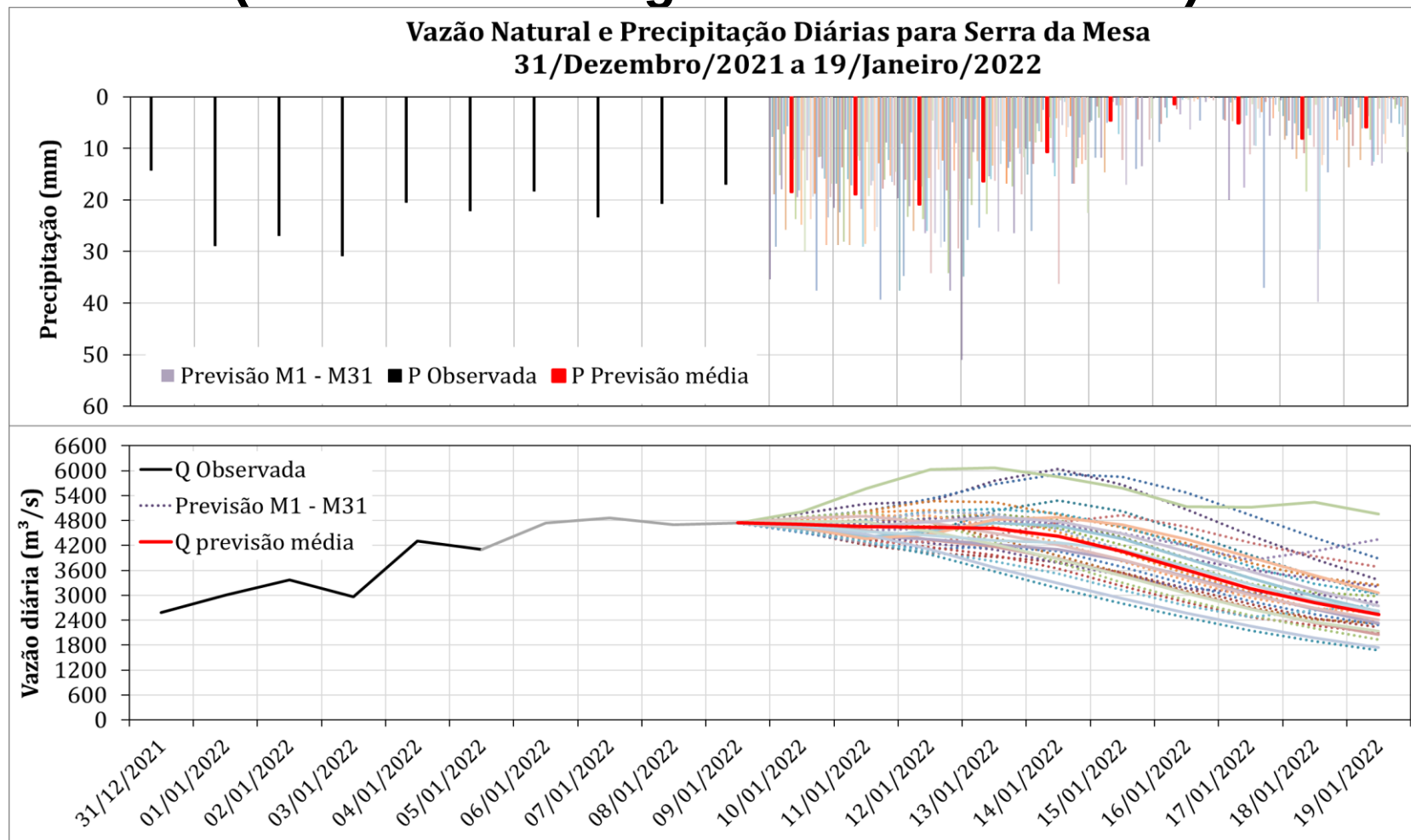
GEFS / Bacia Serra da Mesa
Precipitacao acumulada em 7 dias (mm)
Previsao das 00Z dia 11/01/2022



Precipitacao acumulada (mm): Bacia SerradaMesa



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



Dados observados de precipitação (barras pretas) para o período de 31/12/21 a 09/01/22 e previsão para o período de 10/01 a 19/01/22.

Dados observados de vazão (linha preta) para o período de 31/12/21 a 05/01/22; previsão da vazão (linha cinza) a partir da chuva observada para o período de 06/01 a 09/01/22 e previsão da vazão (linha vermelha) usando os membros de previsão para o período de 10/01 a 19/01/22.

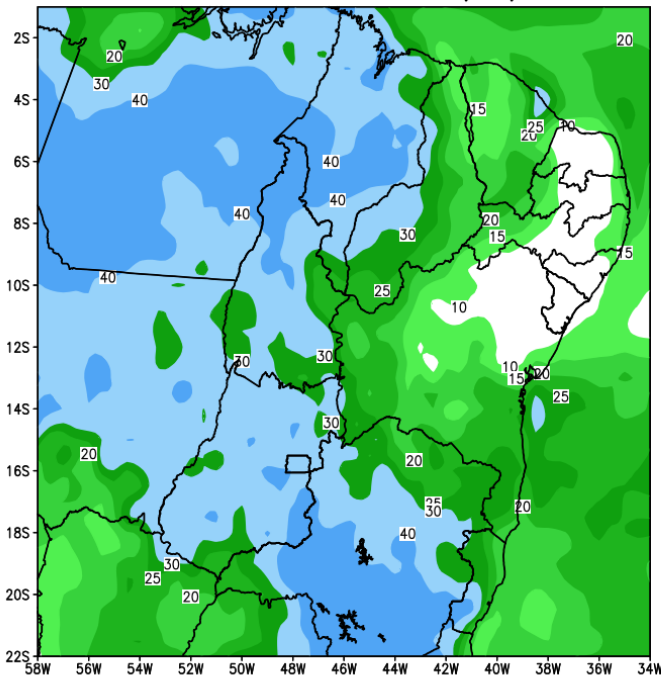
As barras coloridas correspondem às previsões da chuva para os 31 membros GEFS/NOAA e à média destes membros.

As linhas coloridas representam os membros de previsão de vazão do modelo PDM-CEMADEN

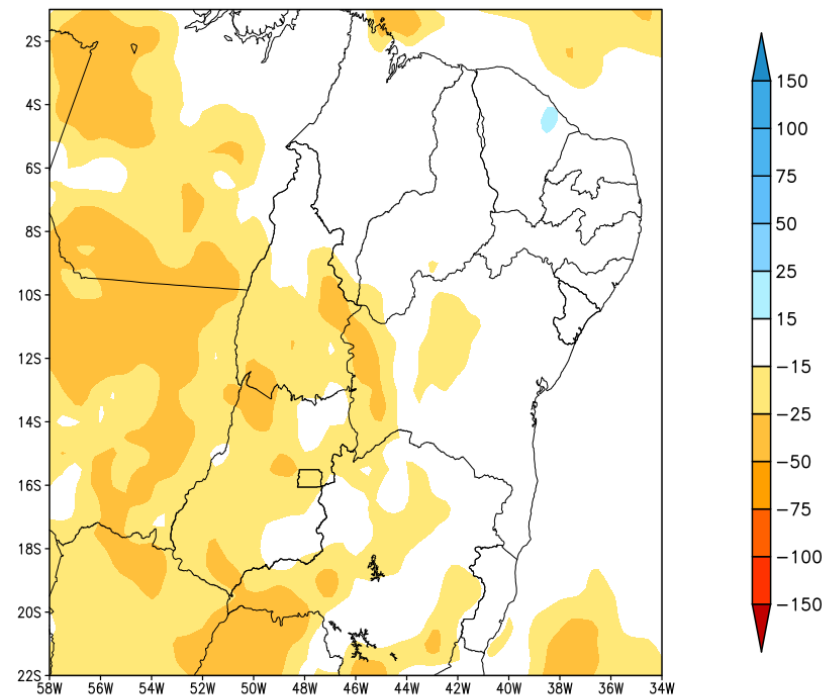
A média de vazão diária prevista para os próximos 10 dias: 3923 m³/s

Tendência para a 2a Semana

GEFS / BRASIL_NE
Precipitacao acumulada 2aSem (mm)
Previsao das 00Z dia 11/01/2022

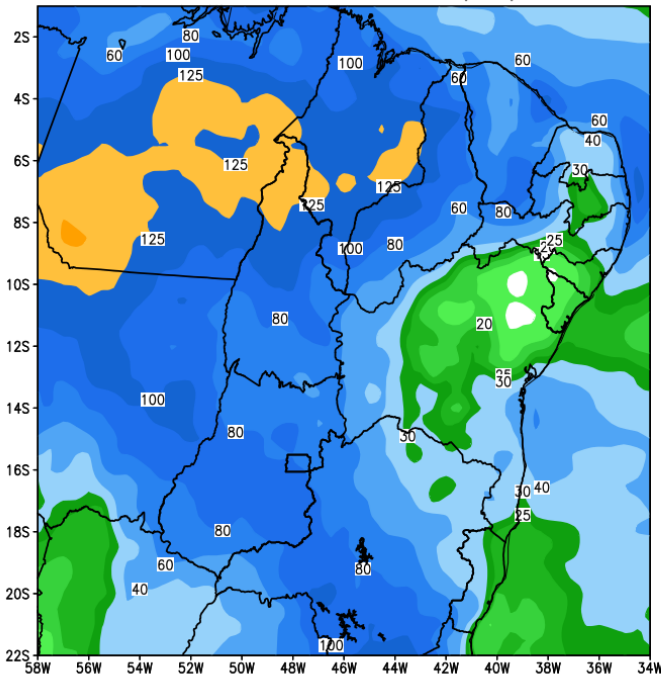


Anomalia de Precipitacao BR NE (mm)
Periodo: 2022011900 a 2022012500

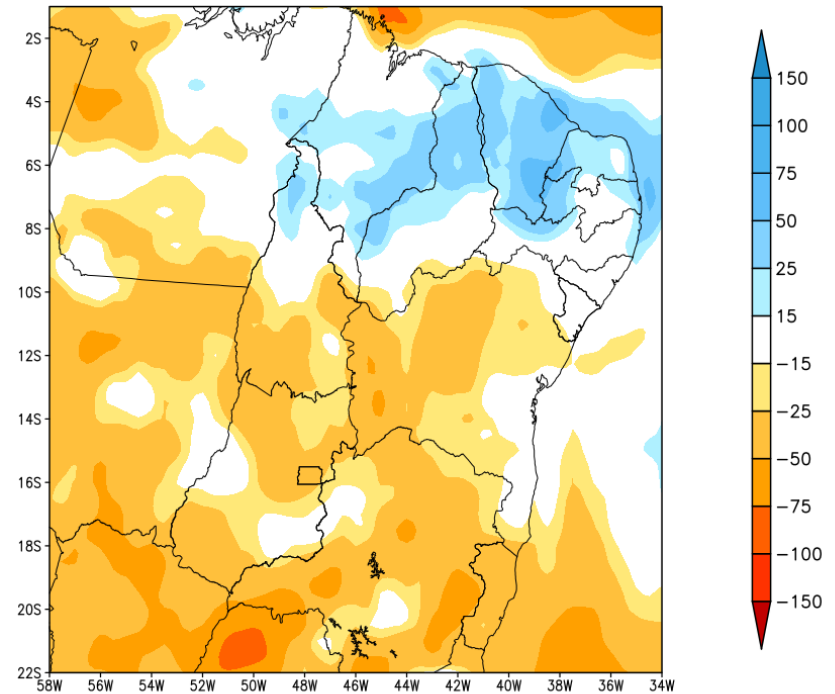


Tendência para as próximas duas semanas

GEFS / BRASIL_NE
Precipitacao acumulada 14dias (mm)
Previsao das 00Z dia 11/01/2022

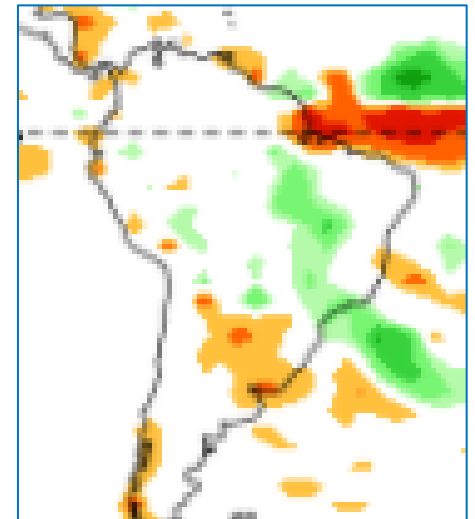
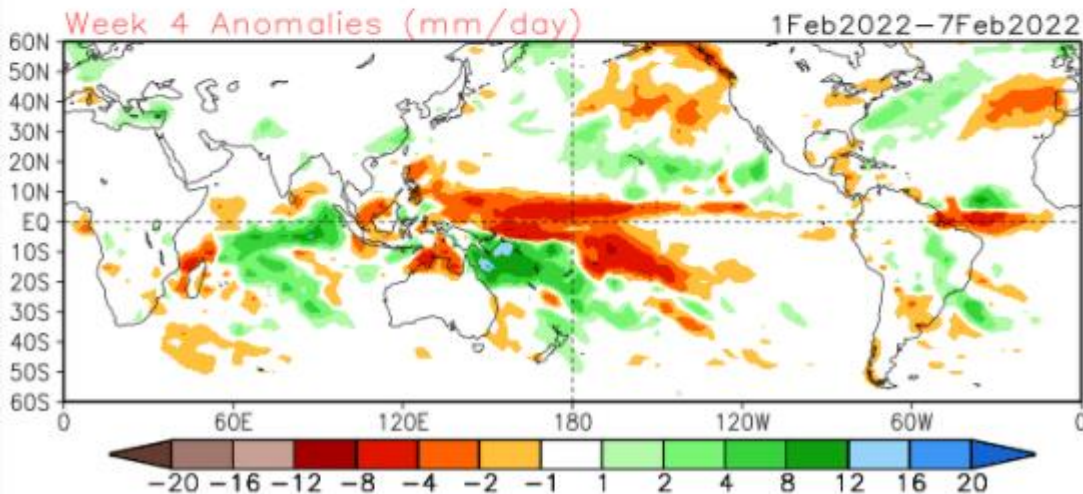
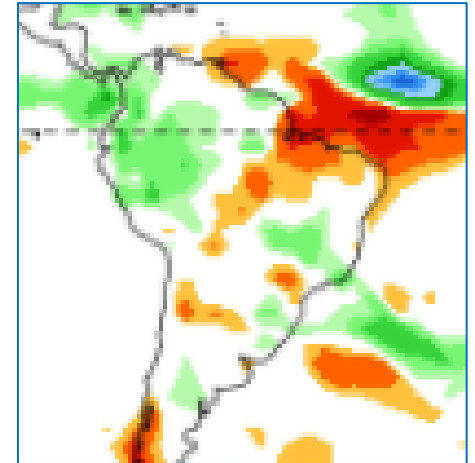
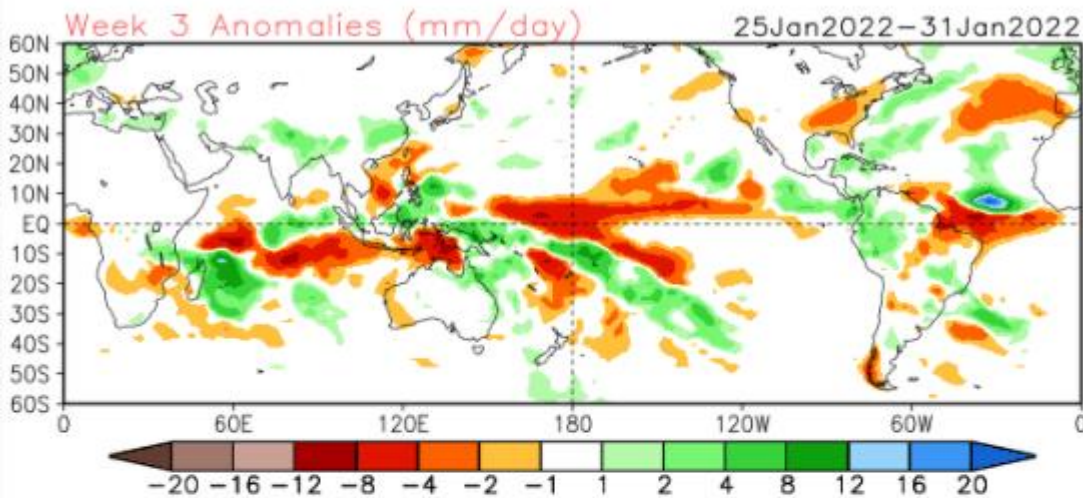


Anomalia de Precipitacao BR_NE (mm)
Periodo: 2022011100 a 2022012500



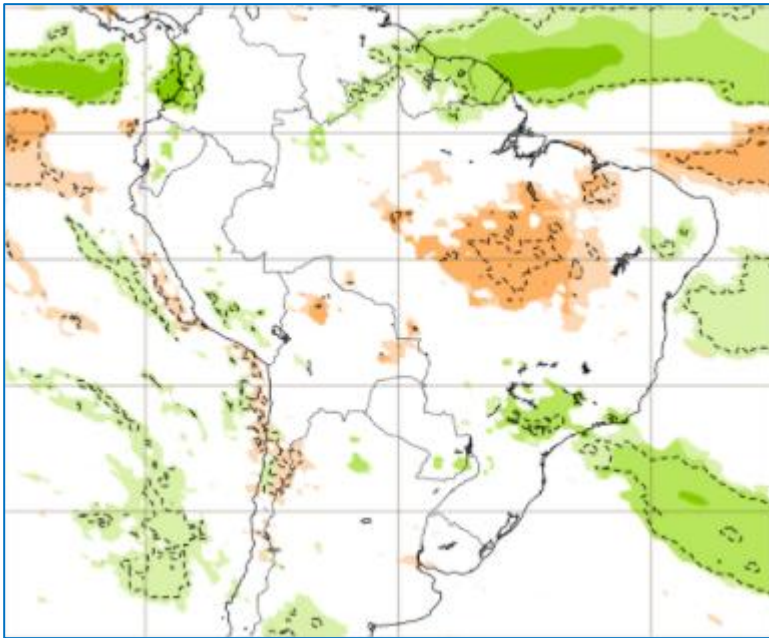
Tendência para 3ª e 4ª semanas

16 Member Ensemble Mean Forecast from 10Jan2022

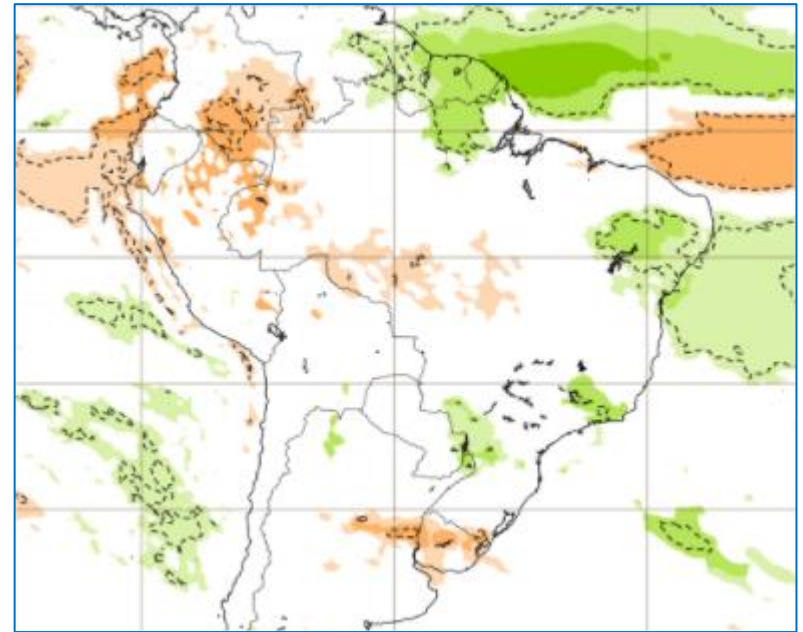


Tendência para 3ª e 4ª semanas

24-31/01

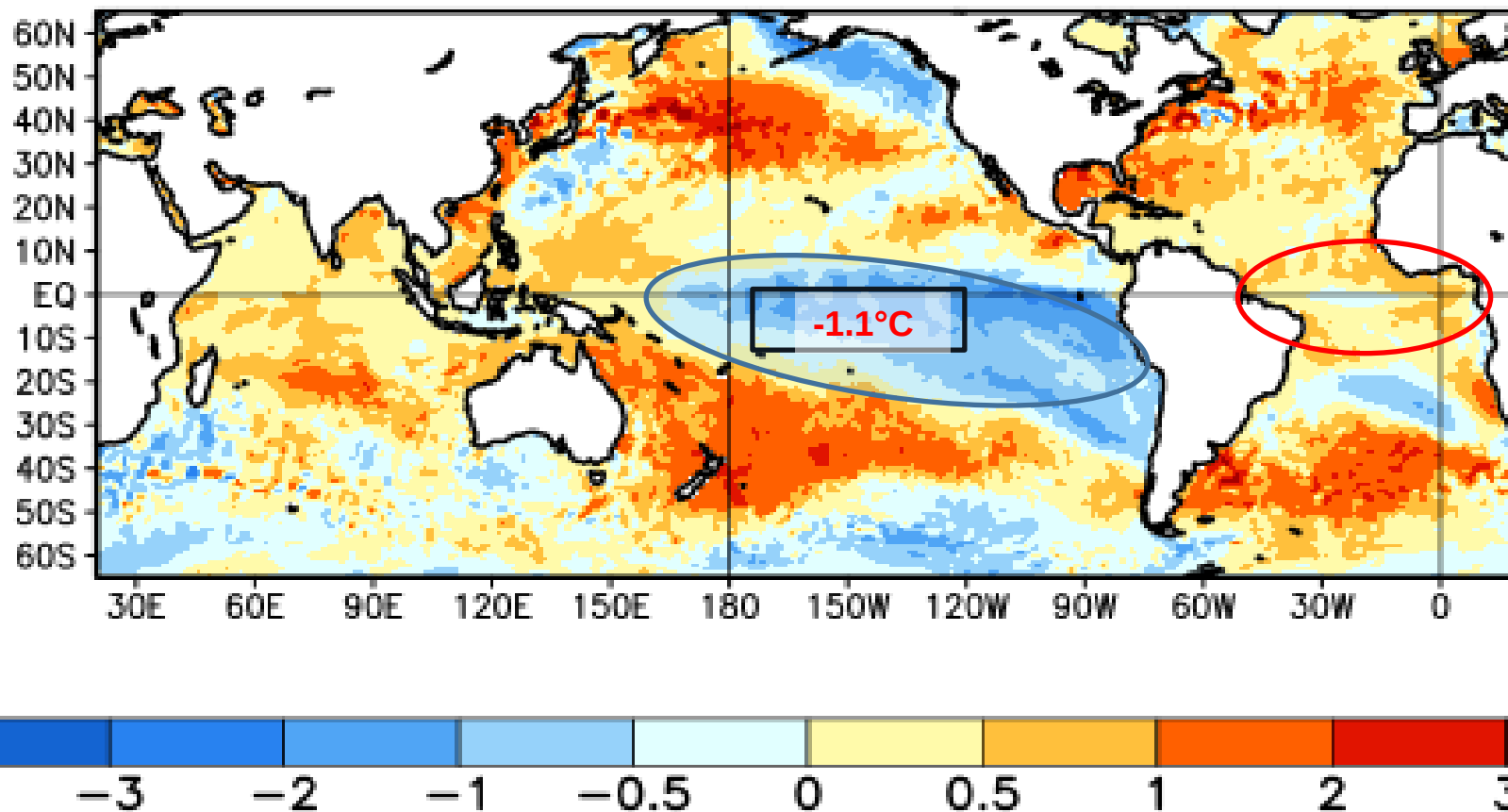


31/01-07/02

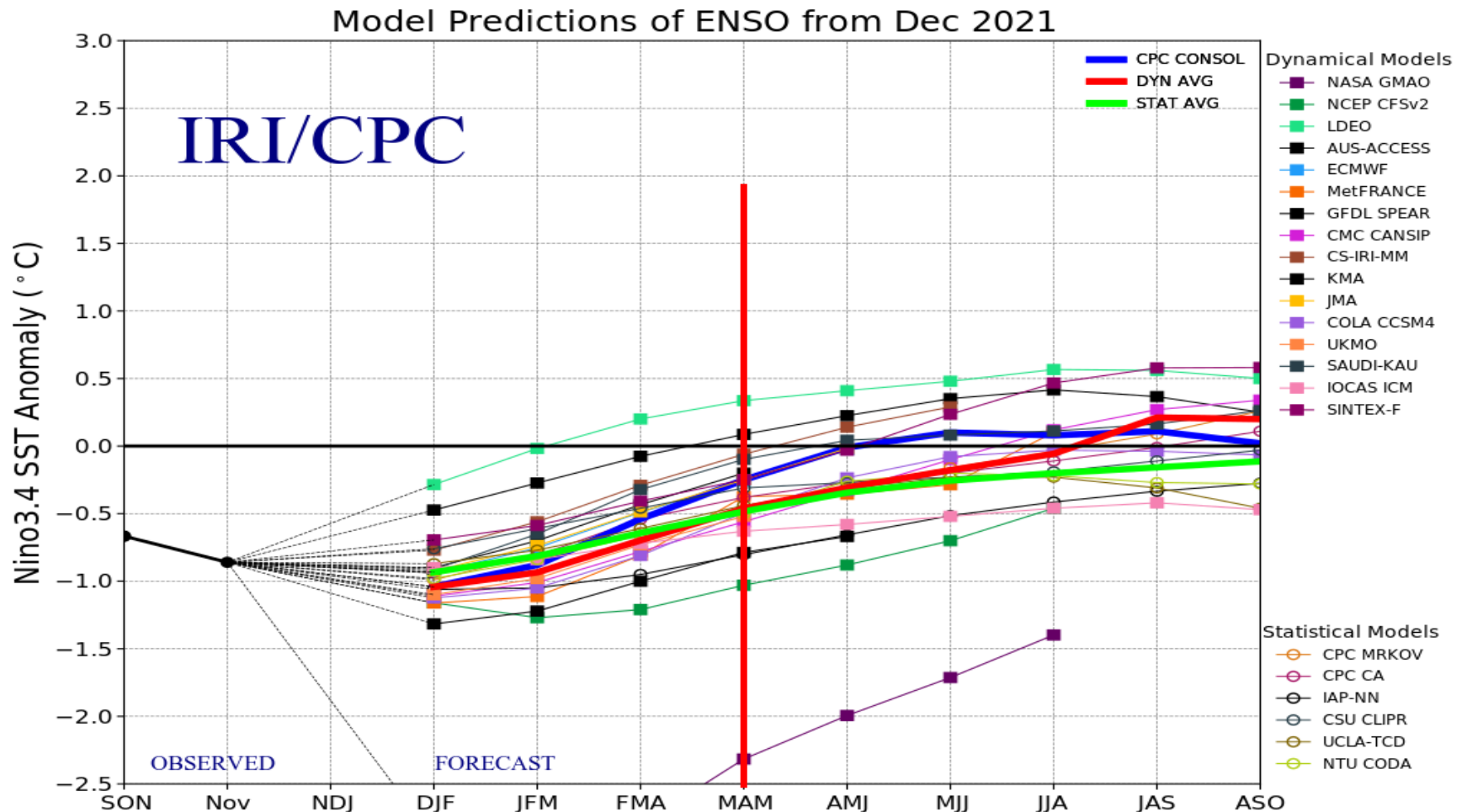


Status Atual: **La Niña**

Average SST Anomalies 12 DEC 2021 – 8 JAN 2022



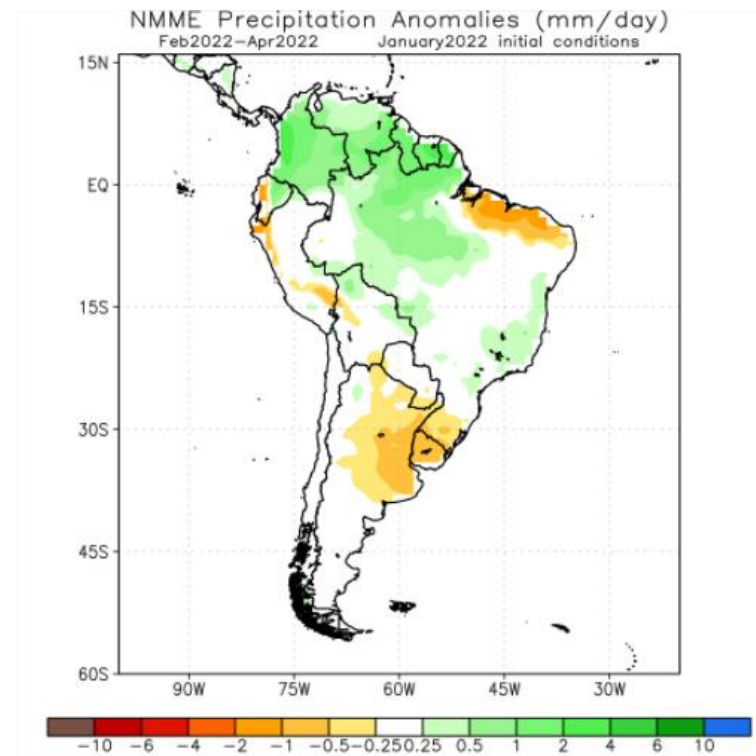
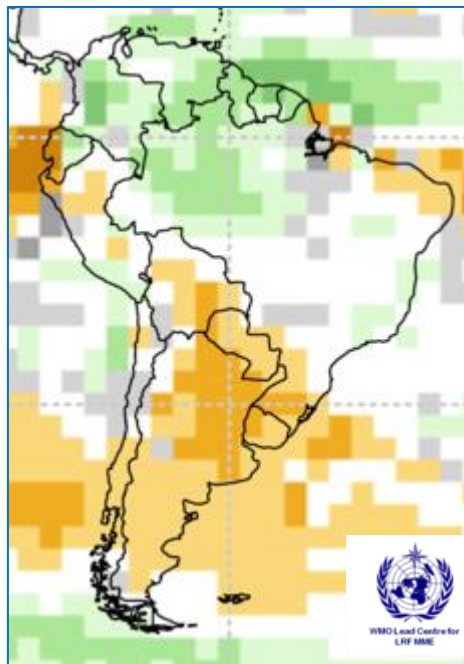
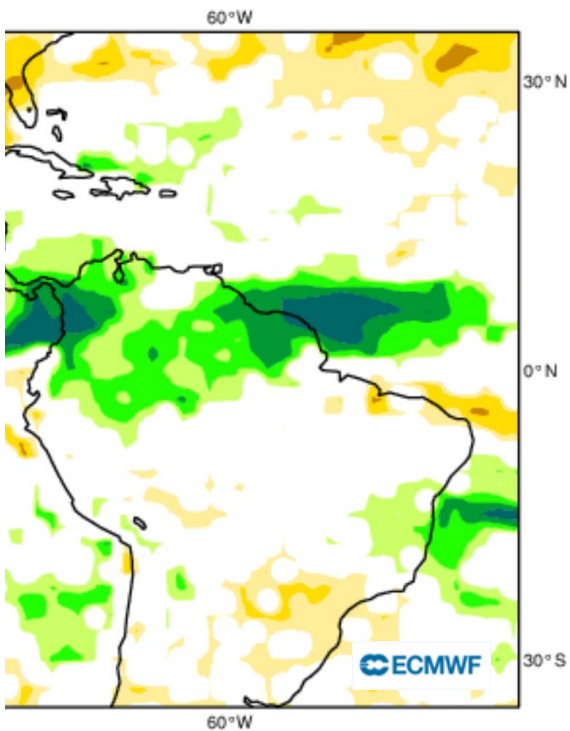
Previsão do “La Niña”



Status Atual: **La Niña**

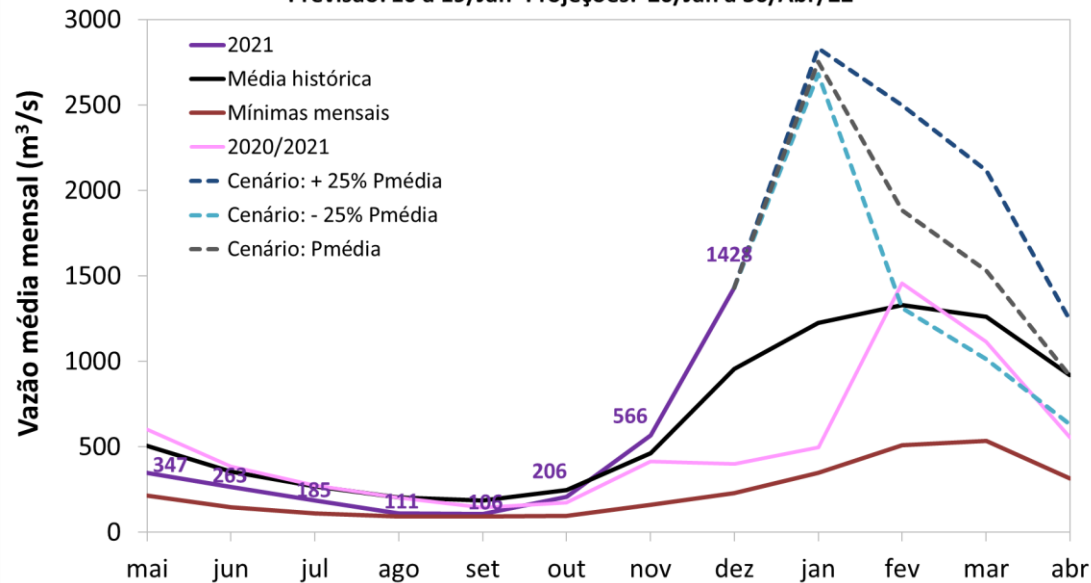
FONTE: NOAA

Previsão Sazonal de chuva (FMA)



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

UHE Serra da Mesa - Rio Tocantins
Histórico e simulação de vazão natural média mensal
Previsão: 10 a 19/Jan- Projeções: 20/Jan a 30/Abr/22



MLT Jan a Mar = 1271 m³/s

2481m³/s:	195% da MLT*
2055 m³/s:	162%
1669 m³/s:	131%

MLT*: 1983-2020