

Monitoramento e Previsões para a Bacia do rio Araguaia-Tocantins

ABRIL 2025

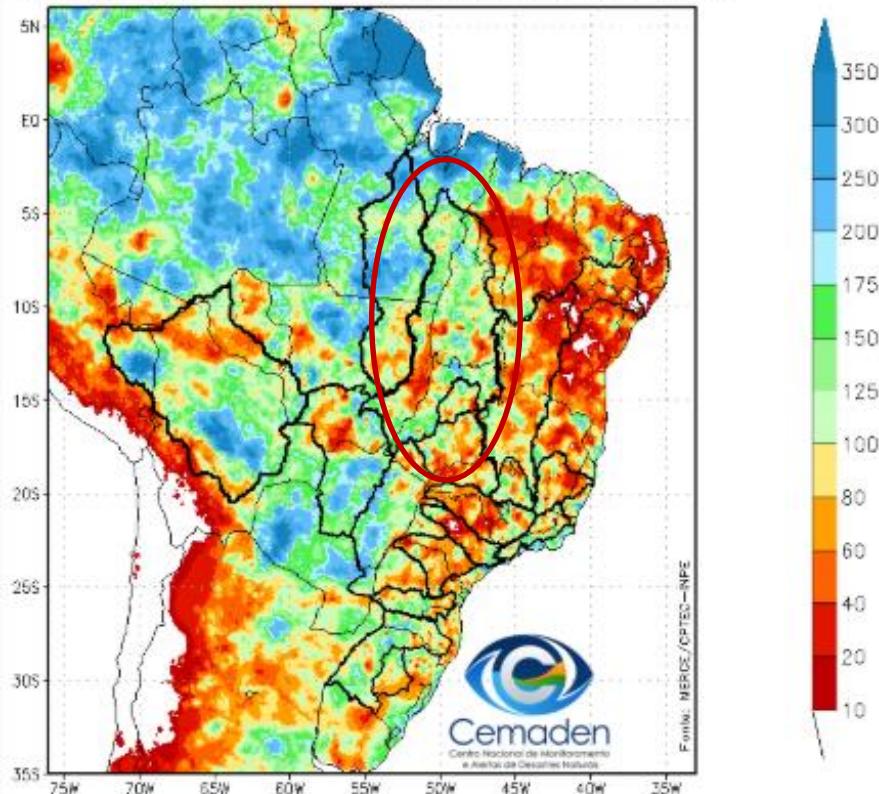


MINISTÉRIO DA
CIÊNCIA, TECNOLOGIA
E INOVAÇÃO

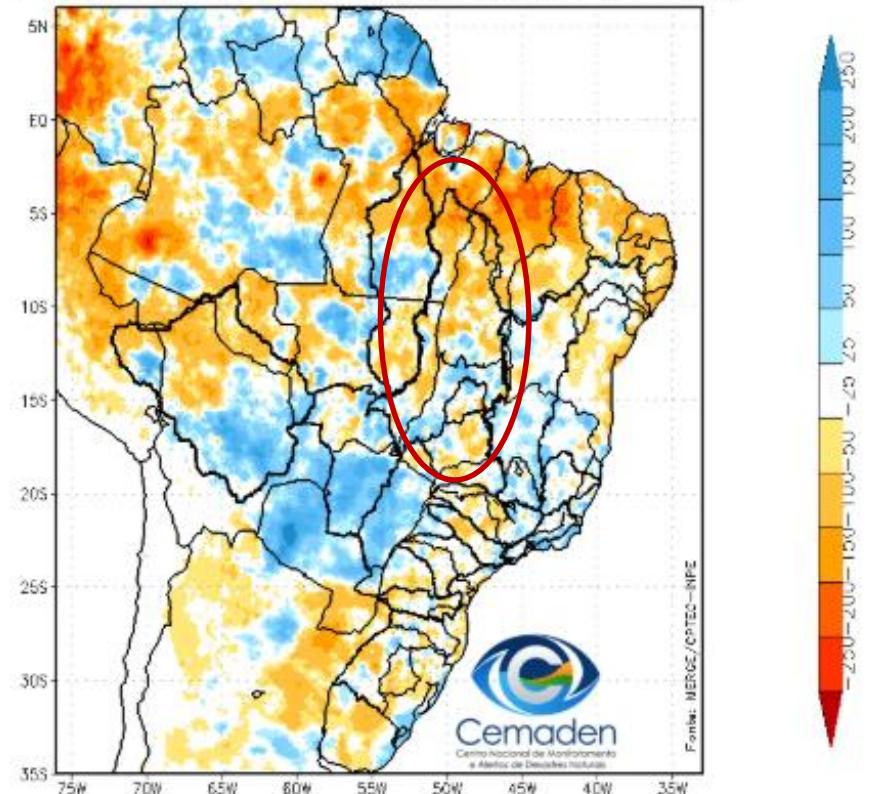


Precipitação acumulada nos últimos 30 dias

Precipitação Acumulada (mm) A.S.
Período: 22/03/2025 a 21/04/2025 (30 dias)



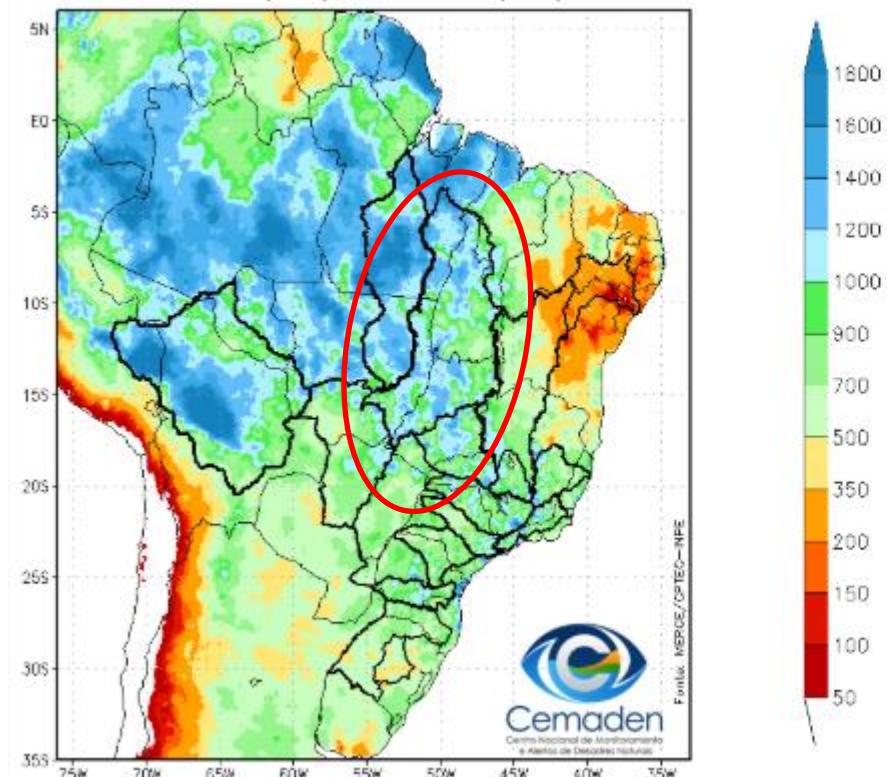
Anomalia de Precipitação (mm) A.S.
Período: 22/03/2025 a 21/04/2025 (30 dias)



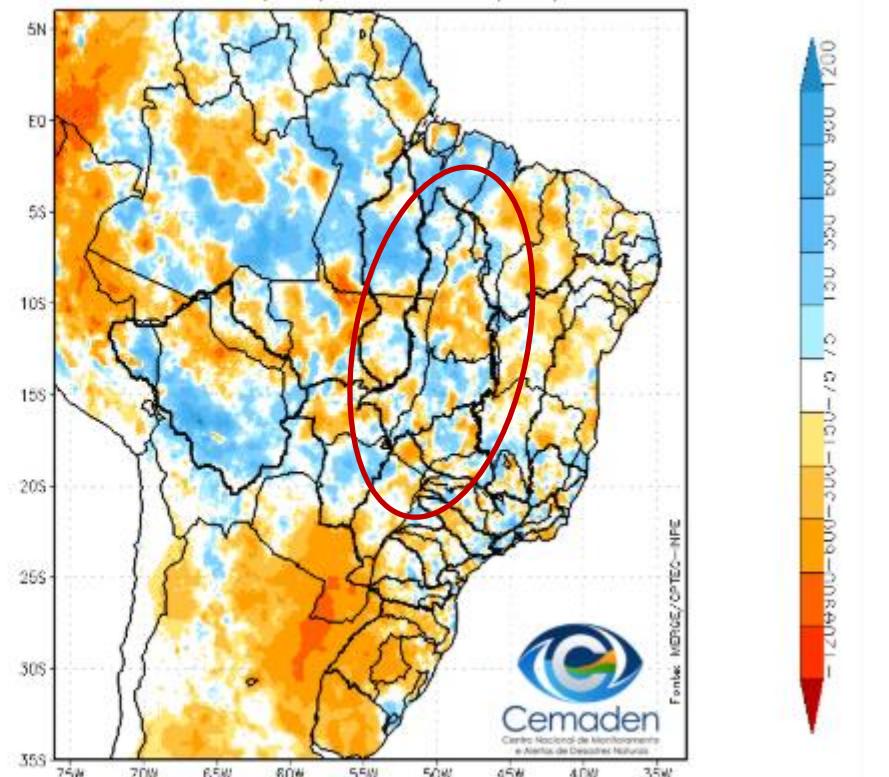
Fonte dos dados: Merge/INPE

Precipitação acumulada no Ano Hidrológico

Precipitação Acumulada (mm) Ano Hidrológico
Período: 01/10/2024 a 21/04/2025

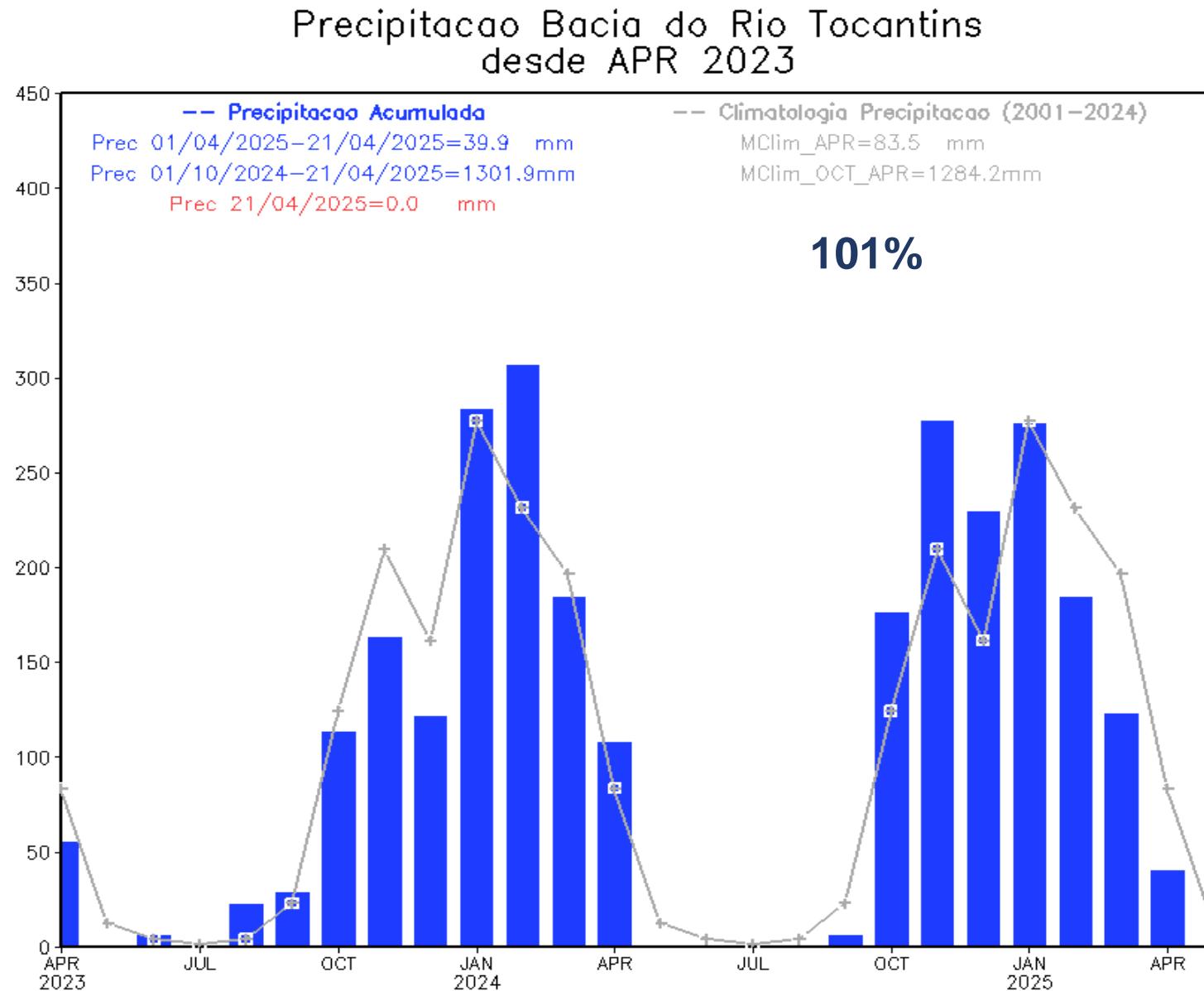


Anomalia de Precipitação (mm) Ano Hidrológico
Período: 01/10/2024 a 21/04/2025



Fonte dos dados: Merge/INPE

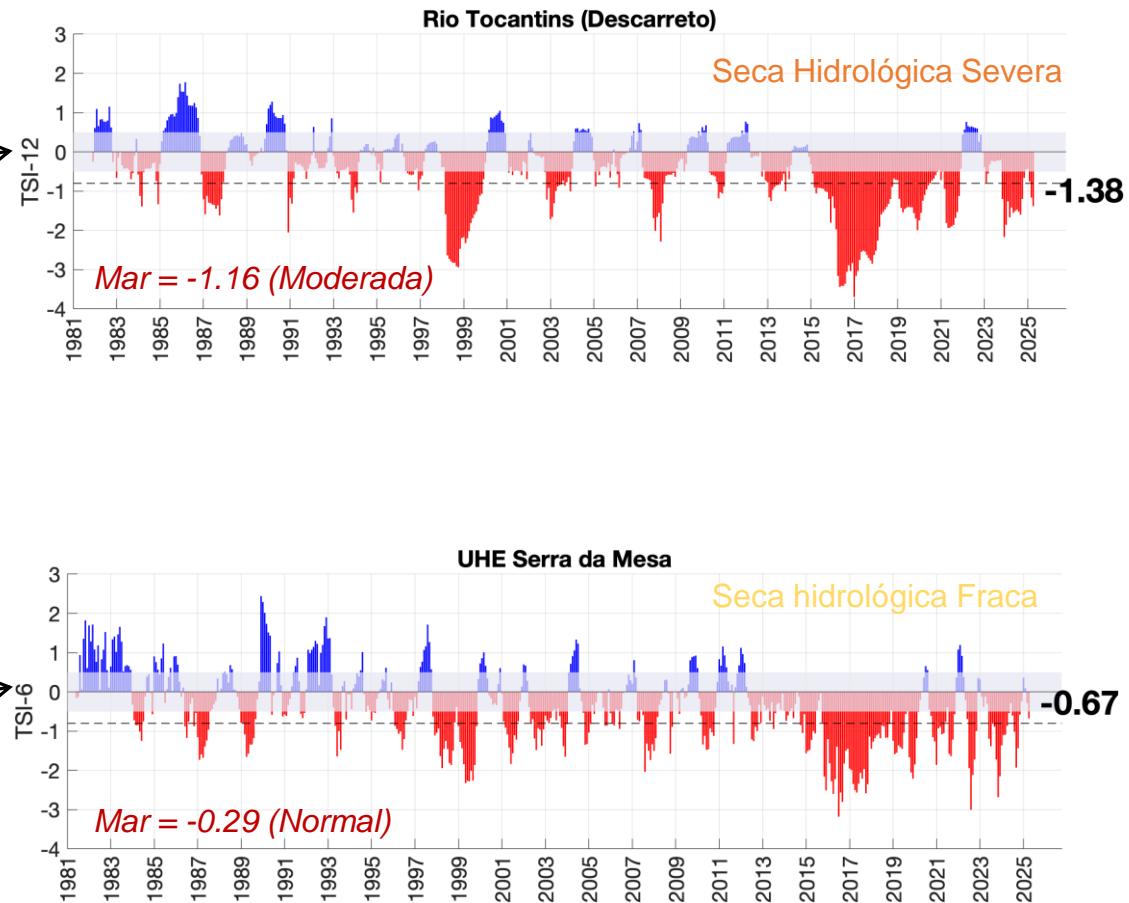
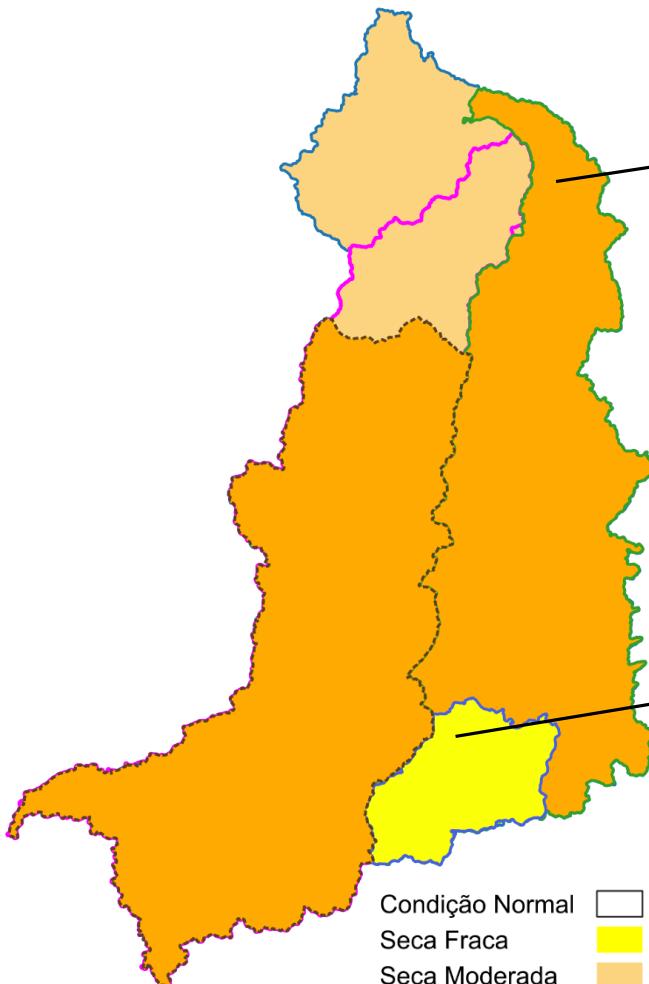
Precipitação Acumulada nos últimos Dois Anos



Índice Bivariado de Seca (Precipitação-Cota/Vazão) - TSI

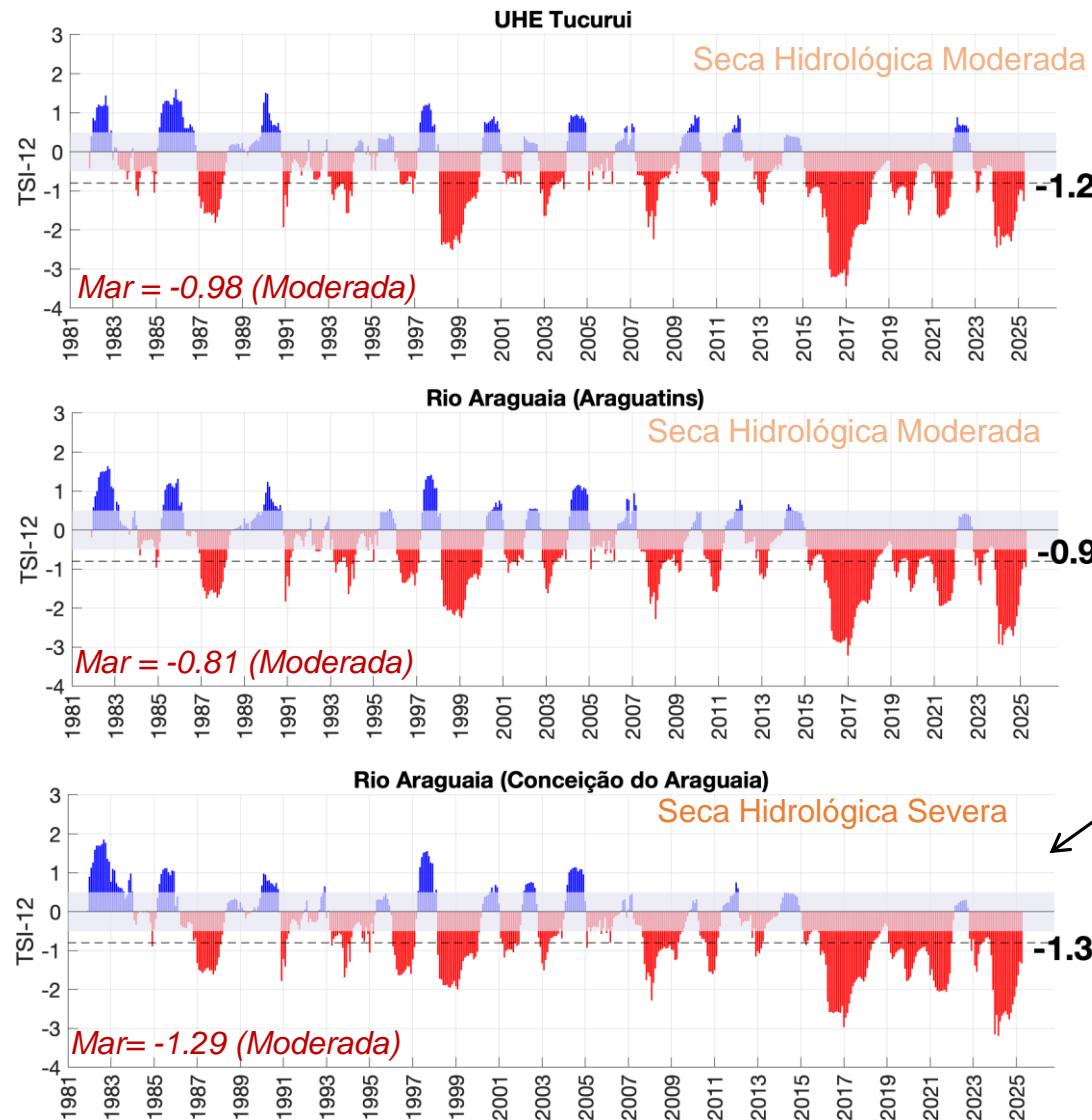
Escala de longo prazo

Abril/2025

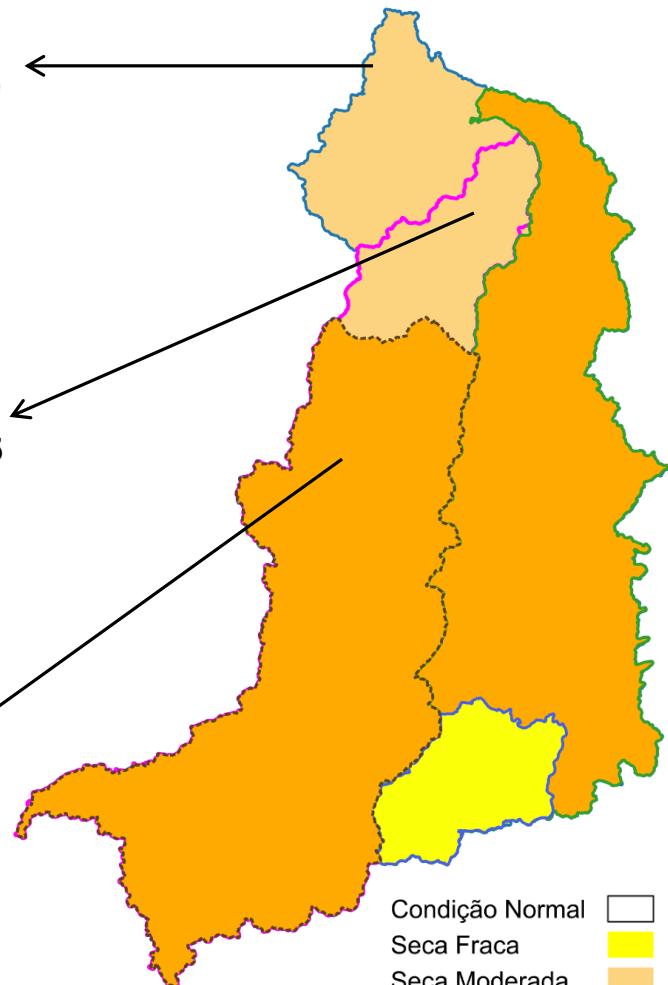


Fonte: CEMADEN
Dados: Precipitação (Cemaden/INMET/CHIRPS) e
Vazão (ONS/ANA) - Jan/1981-Fev/25.

Índice Bivariado de Seca (Precipitação-Cota/Vazão) - TSI



Abril/2025

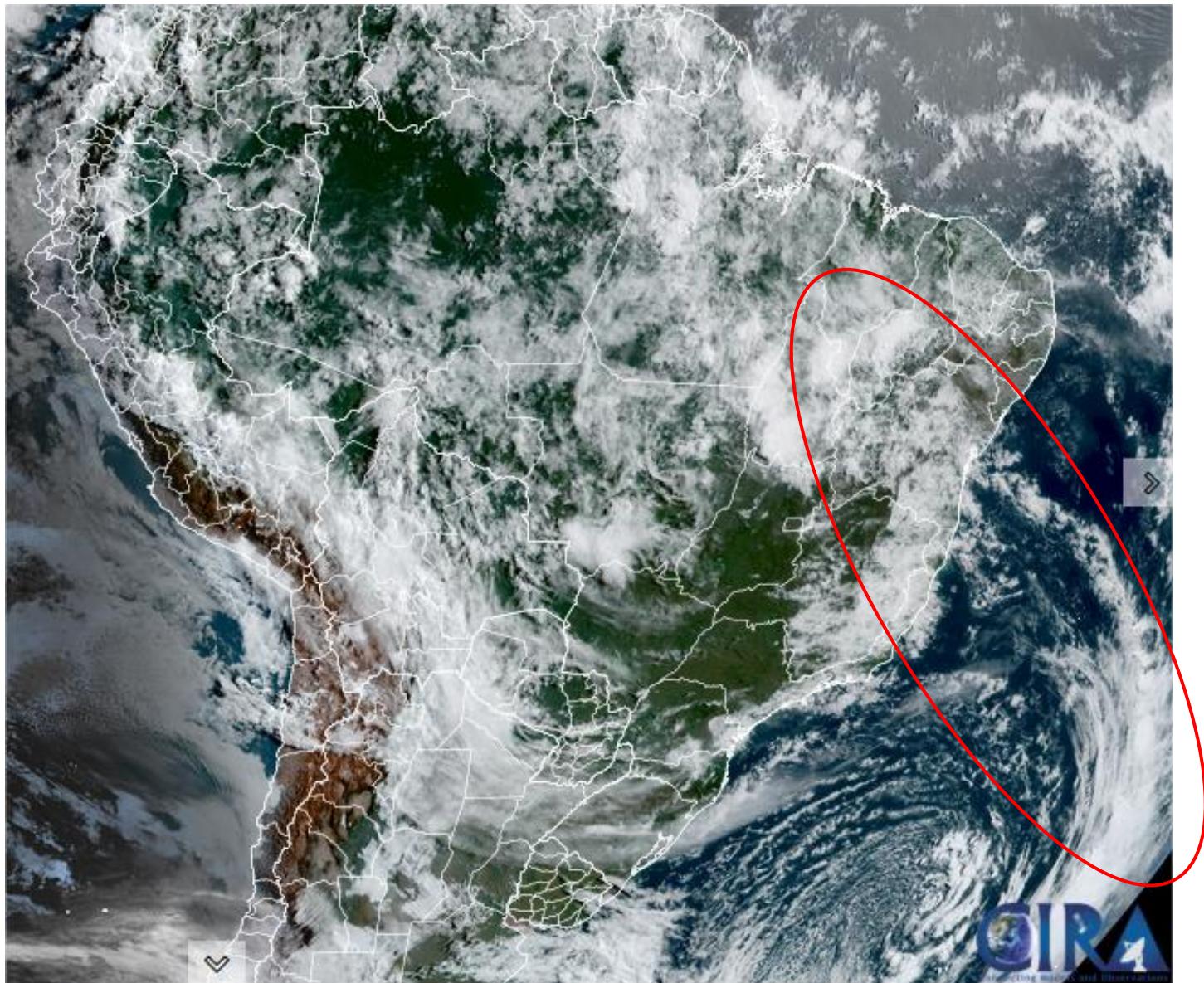


Fonte: CEMADEN

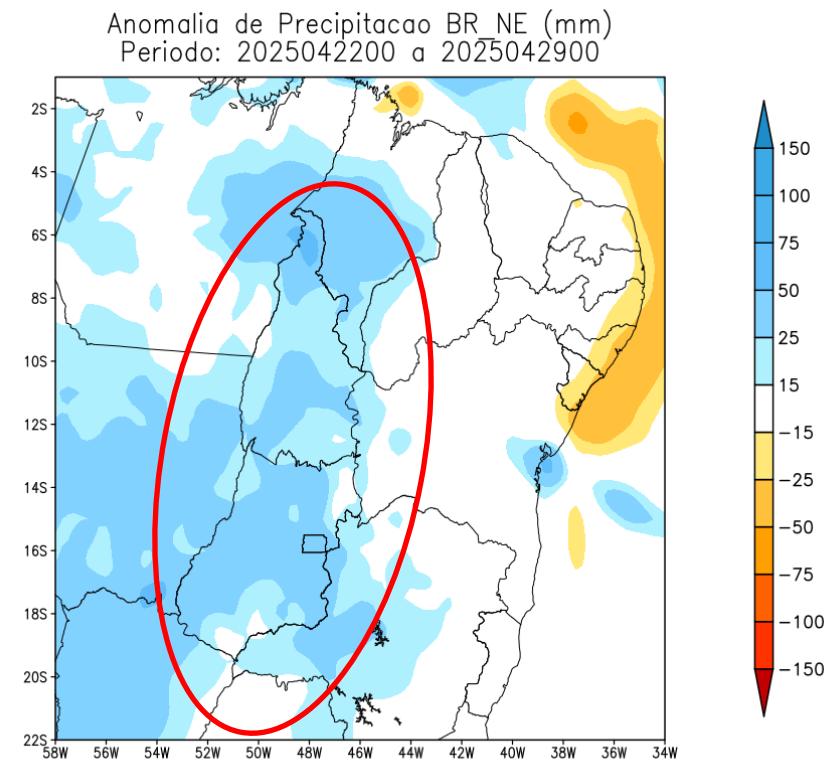
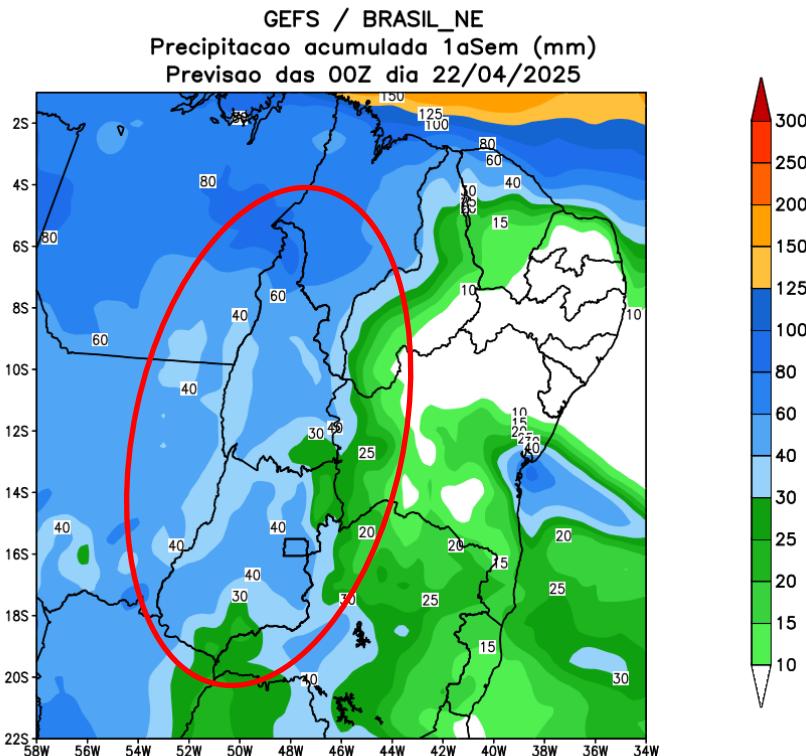
Dados: Precipitação (Cemaden/INMET/CHIRPS) e

Vazão (ONS/ANA) - Jan/1981-Fev/2025.

Situação meteorológica atual



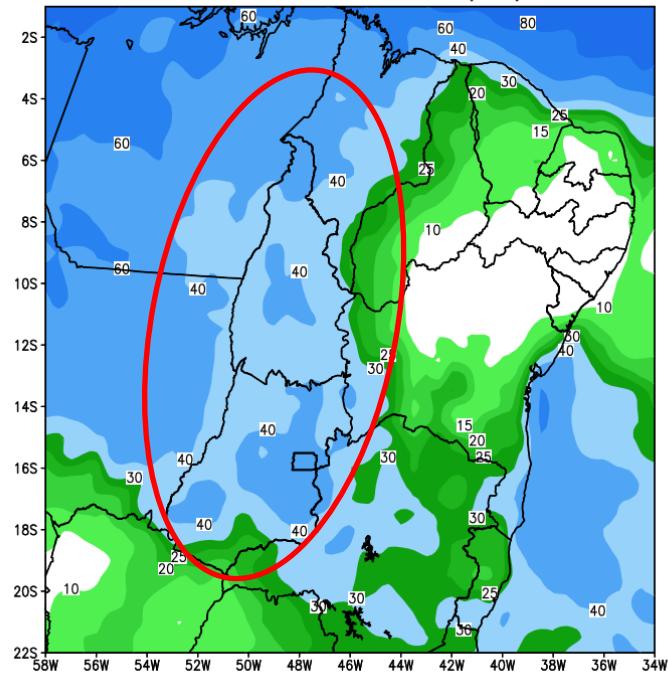
Previsão de chuva - 1a Semana



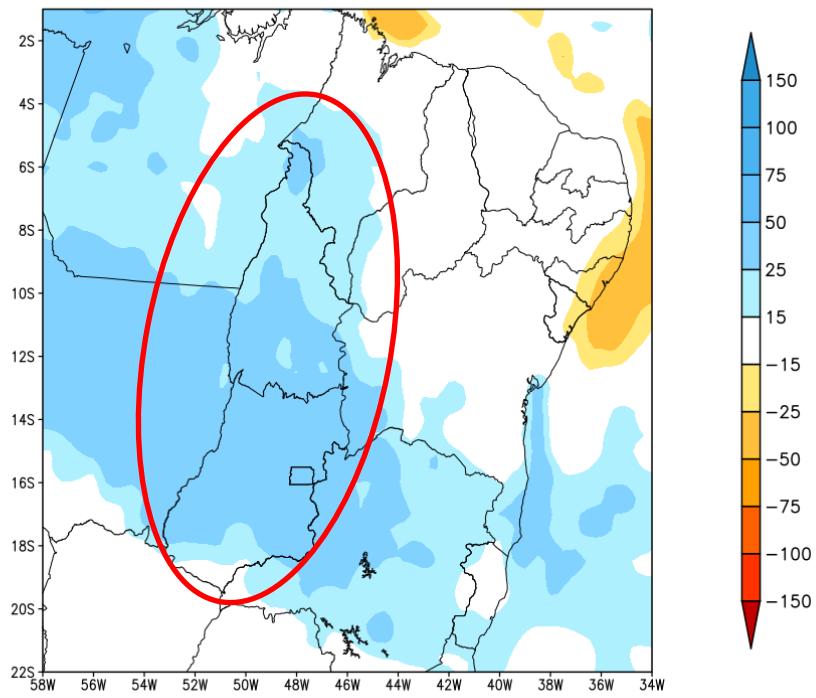
Fonte: GEFS/NOAA

Previsão de chuva - 2a Semana

GEFS / BRASIL_NE
Precipitacao acumulada 2aSem (mm)
Previsao das 00Z dia 22/04/2025

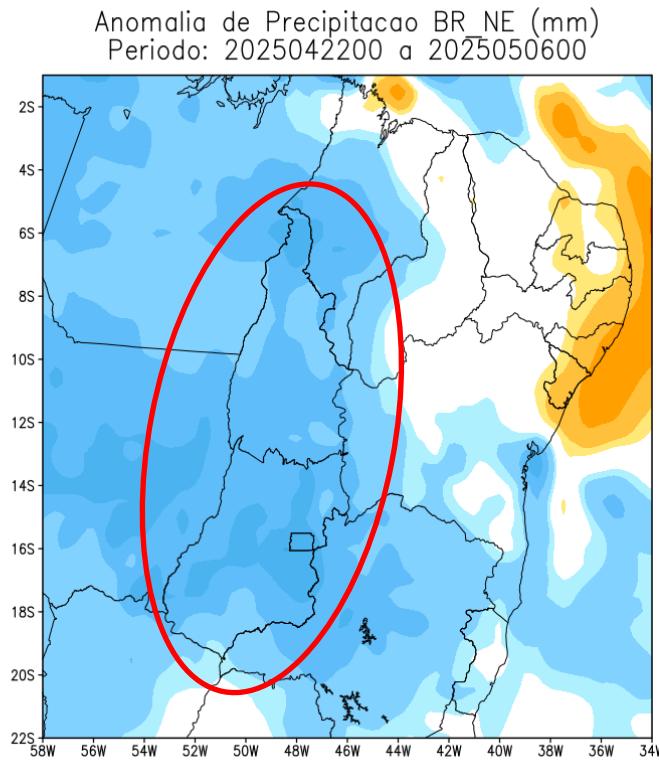
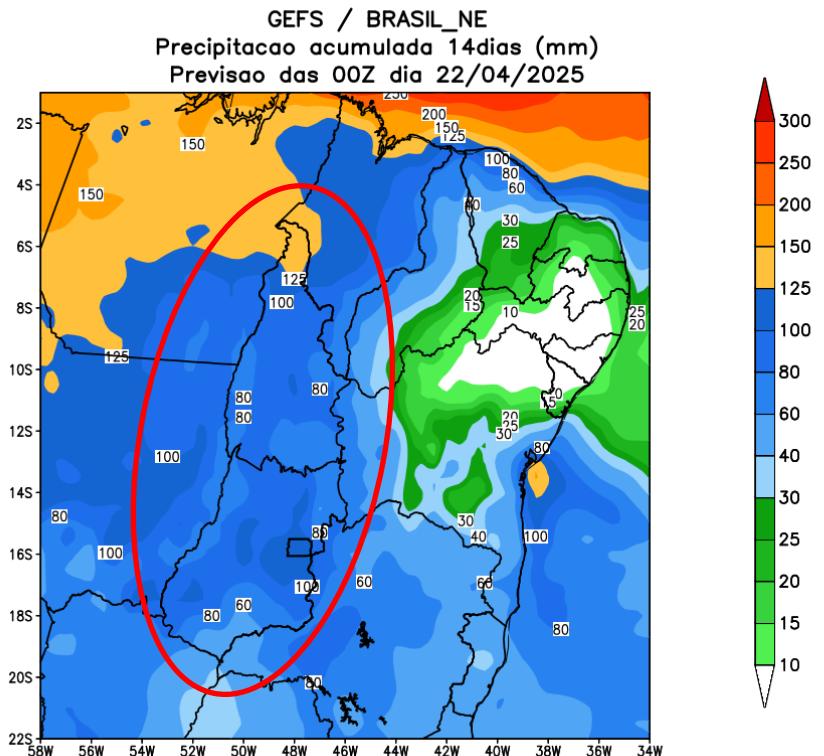


Anomalia de Precipitacao BR_NE (mm)
Periodo: 2025043000 a 2025050600



Fonte: GEFS/NOAA

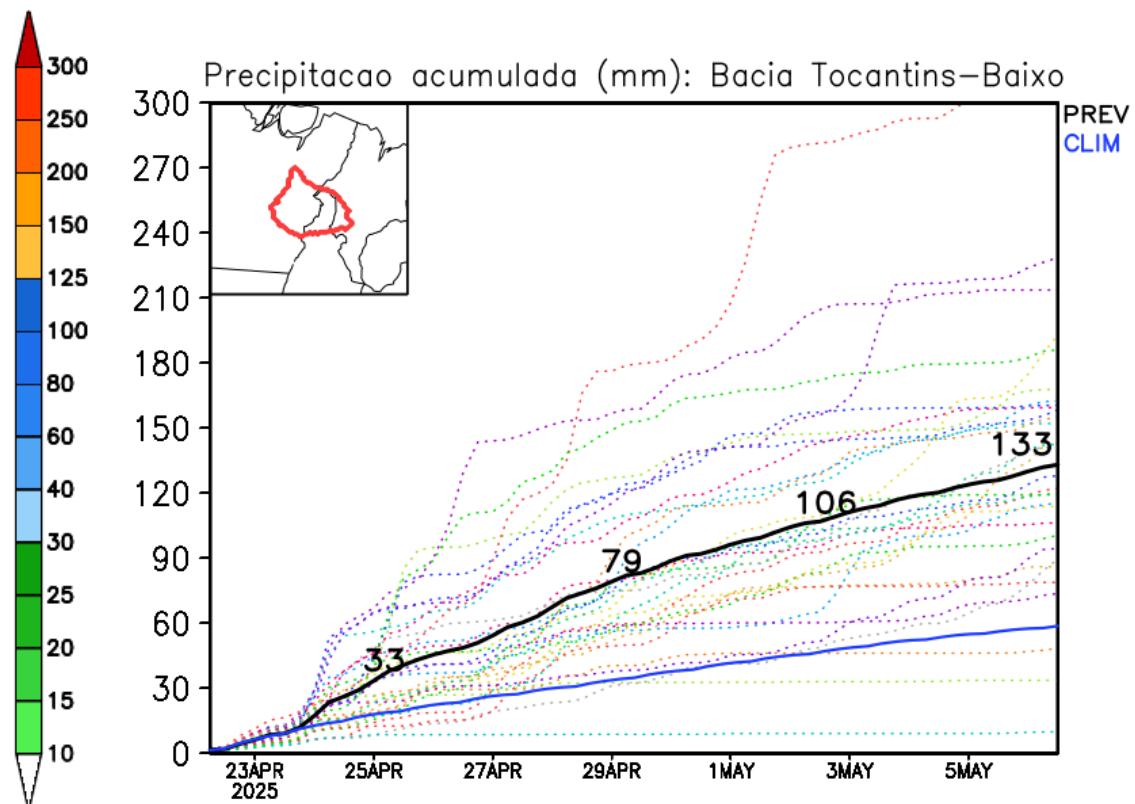
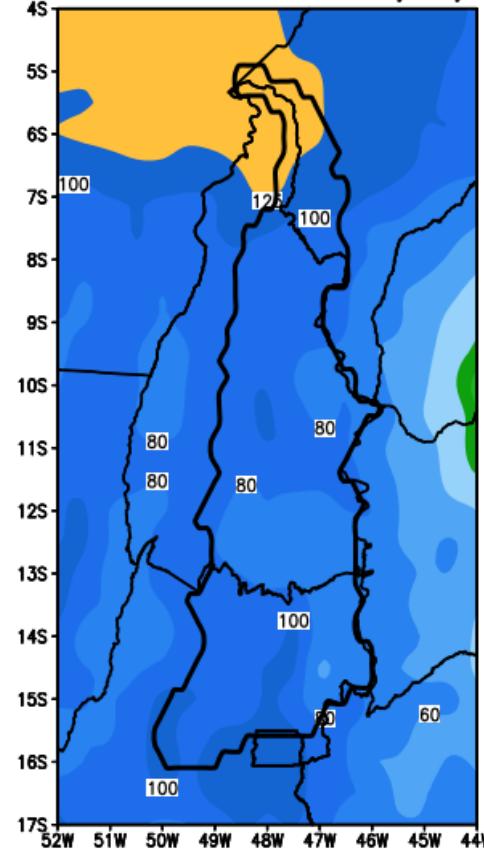
Previsão de chuva - acumulada 2 semanas



Fonte: GEFS/NOAA

Previsão Bacia Rio Tocantins

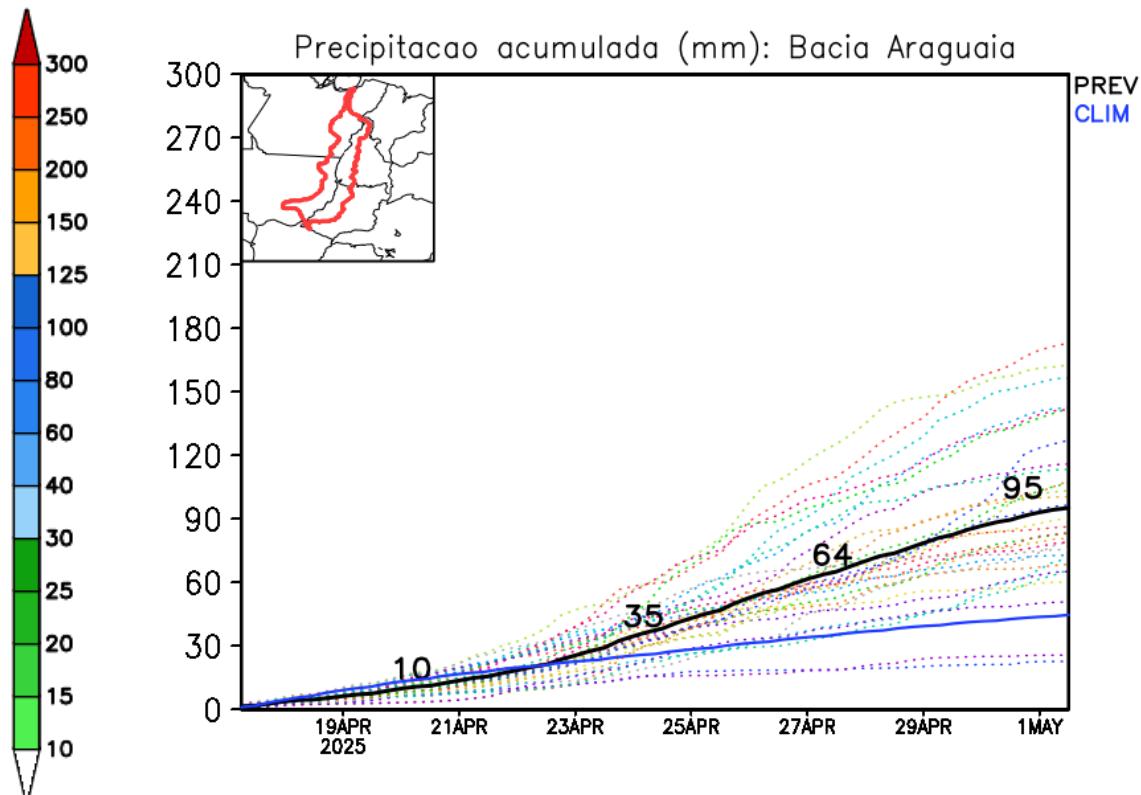
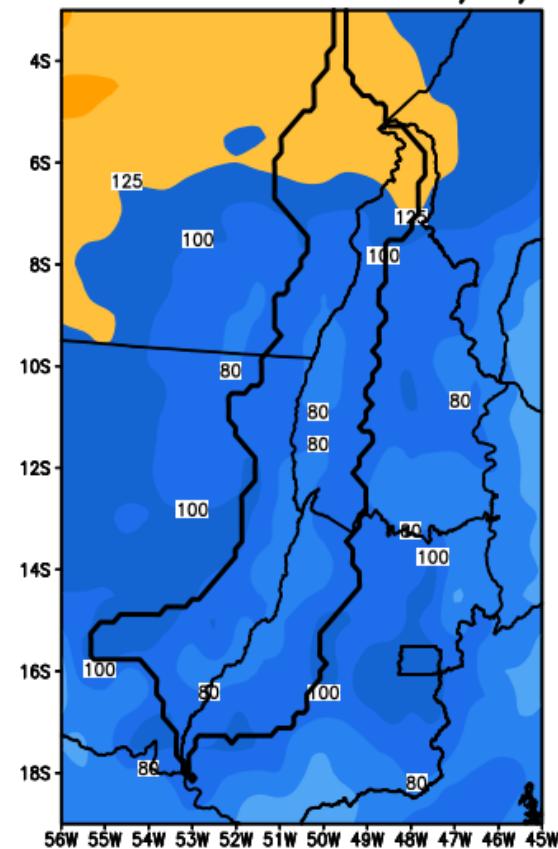
GEFS / Bacia Tocantins
Precipitacao acumulada em 14 dias (mm)
Previsao das 00Z dia 22/04/2025



Fonte: GEFS/NOAA

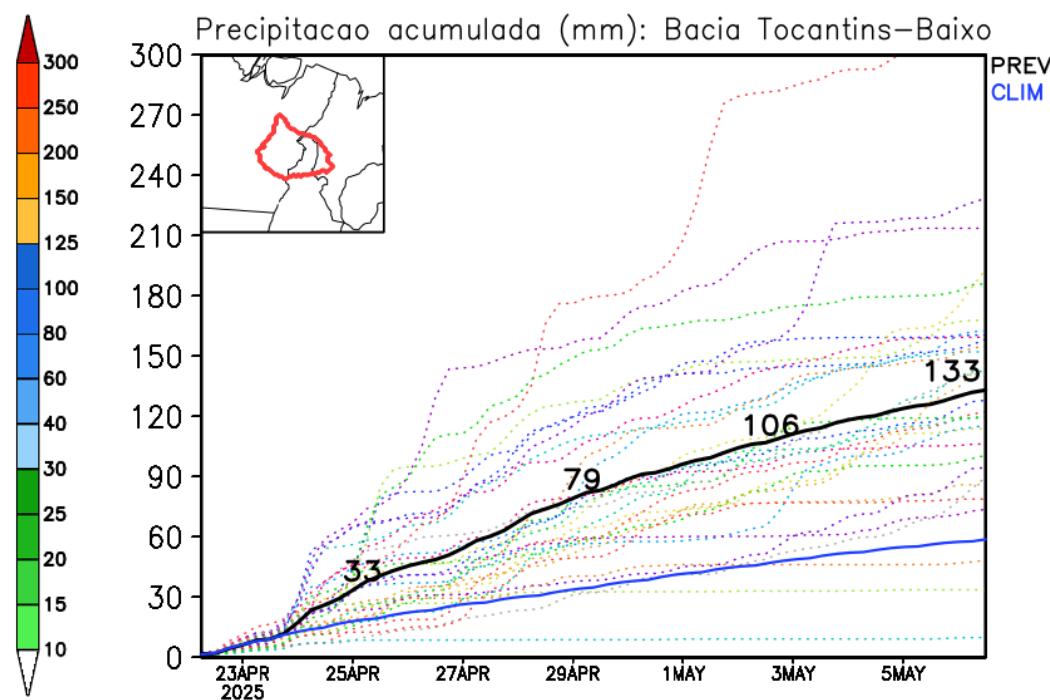
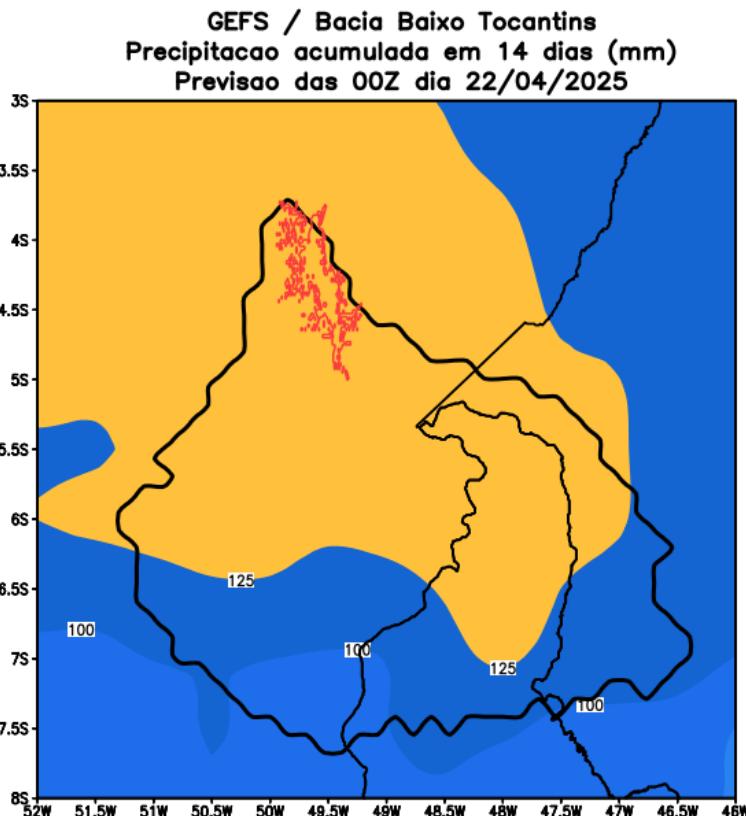
Previsão Bacia Rio Araguaia

GEFS / Bacia do Rio Araguaia
Precipitacao acumulada em 14 dias (mm)
Previsao das 00Z dia 22/04/2025



Fonte: GEFS/NOAA

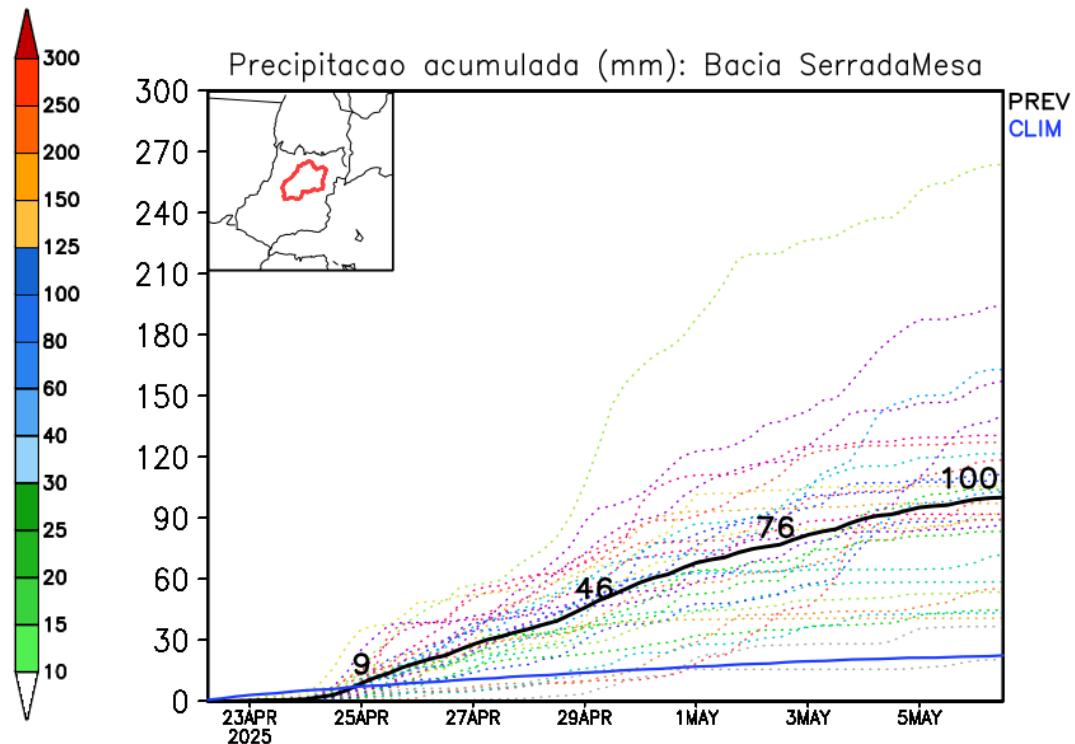
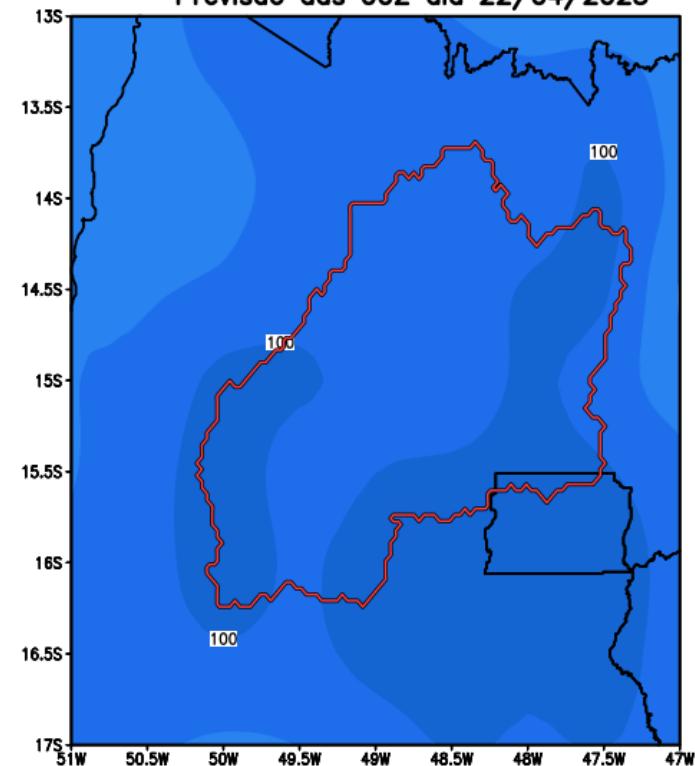
Previsão Bacia Tocantins (Baixo)



Fonte: GEFS/NOAA

Previsão Bacia Serra da Mesa

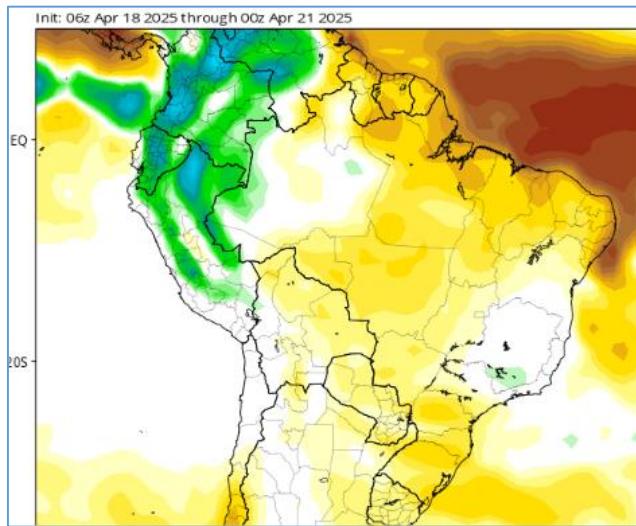
GEFS / Bacia Serra da Mesa
Precipitacao acumulada em 14 dias (mm)
Previsao das 00Z dia 22/04/2025



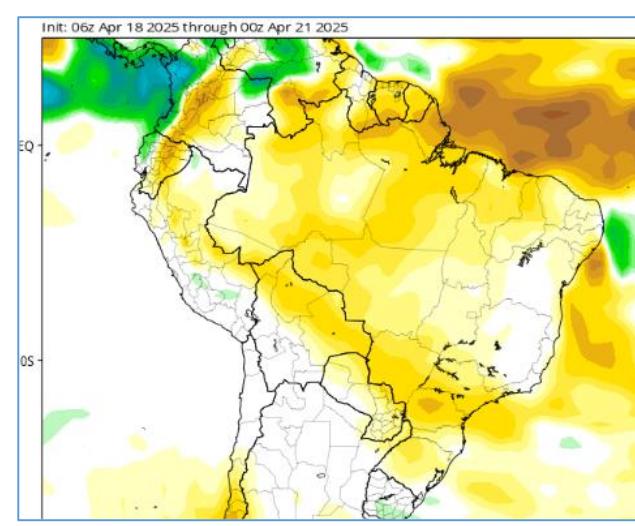
Fonte: GEFS/NOAA

Tendência 3a e 4a semanas

05-12 Maio

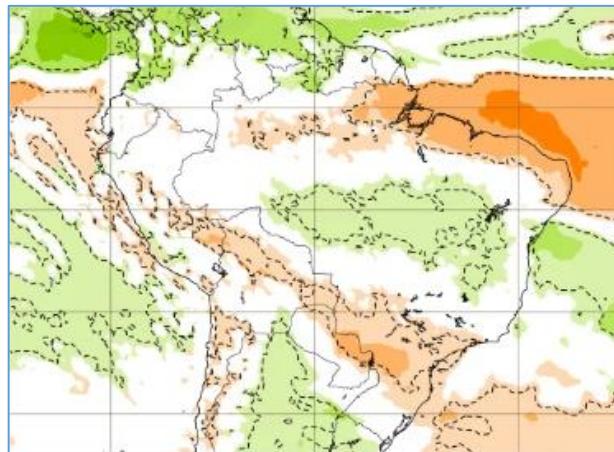


12-19 Maio

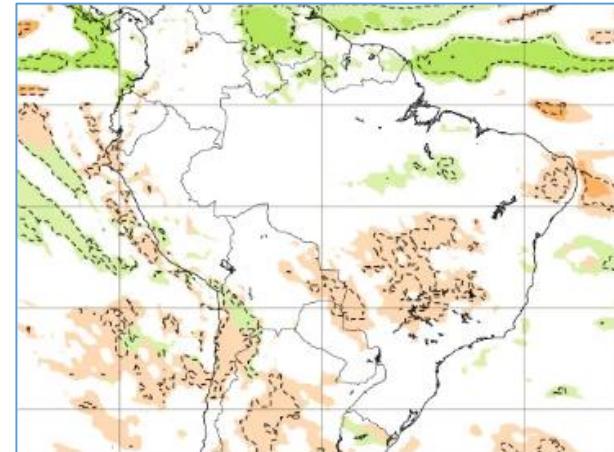


CFS/NOAA

ECMWF

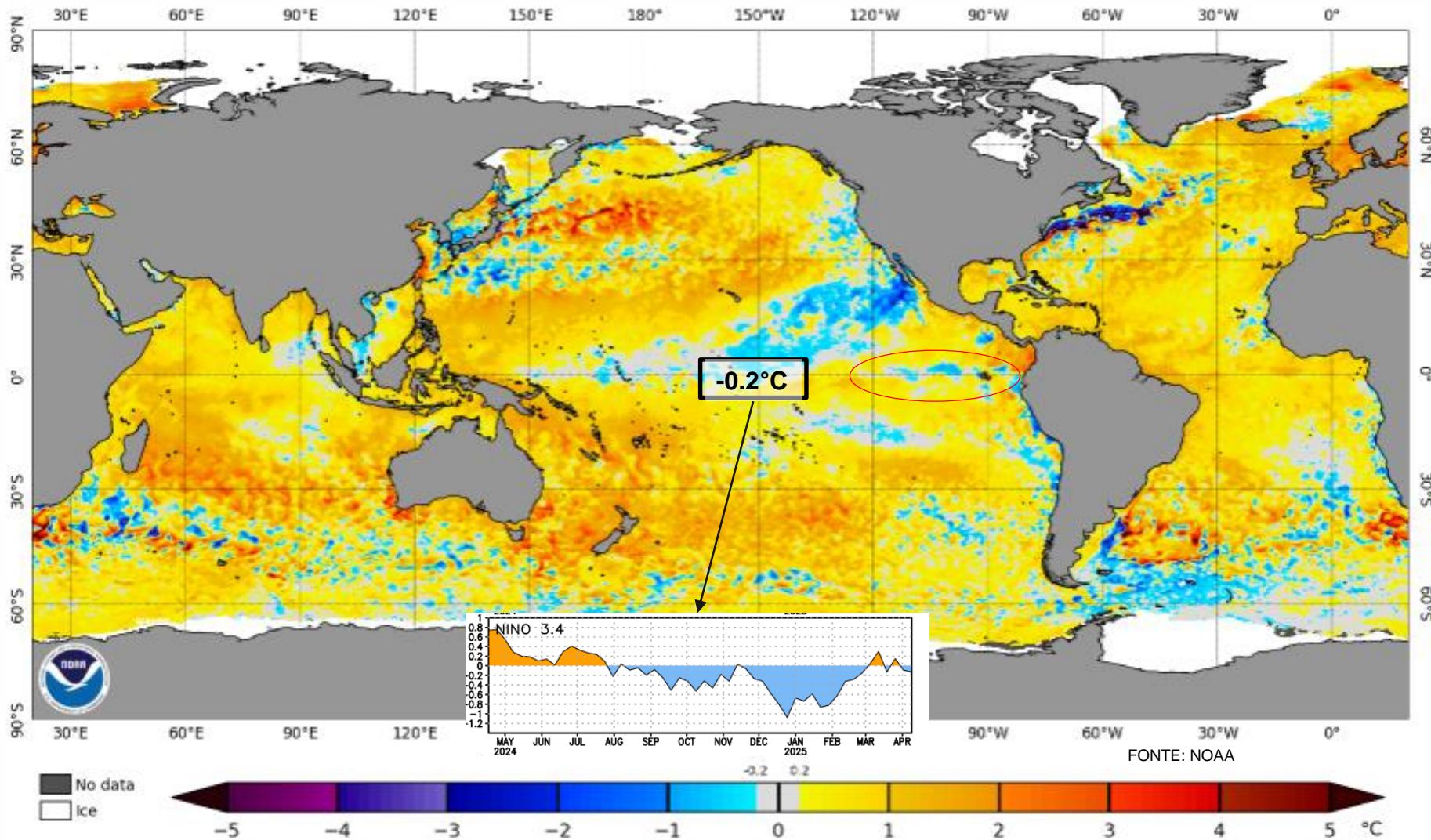


05-12 Maio



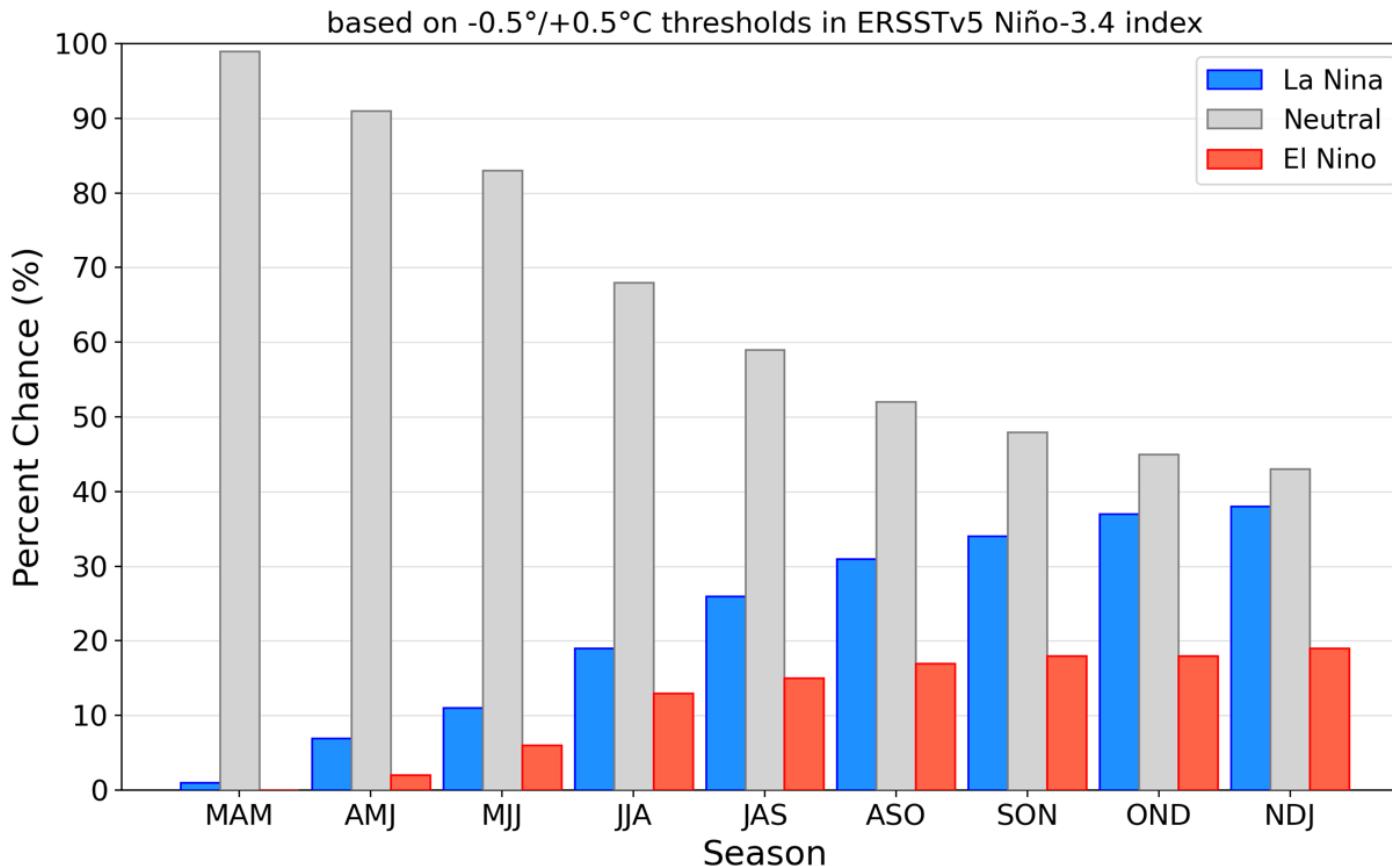
12-19 Maio

Status Atual: Final do La Niña



Previsão do “ENSO”

Official NOAA CPC ENSO Probabilities (issued April 2025)



Previsão Sazonal de Chuva Multi-Modelo

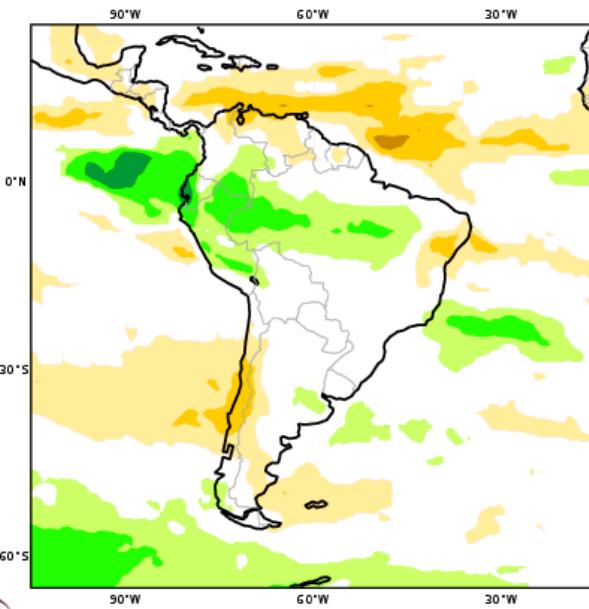
Maio-Junho-Julho

C3S multi-system seasonal forecast

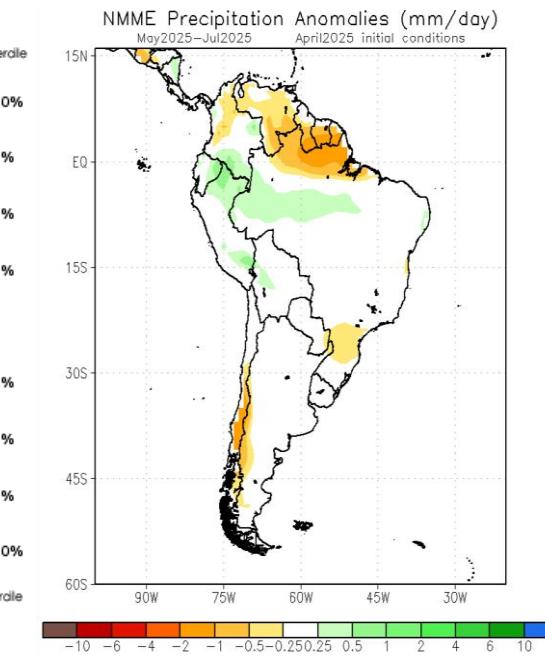
Prob(most likely category of precipitation)

Nominal forecast start: 01/04/25

Unweighted mean



MJJ 2025

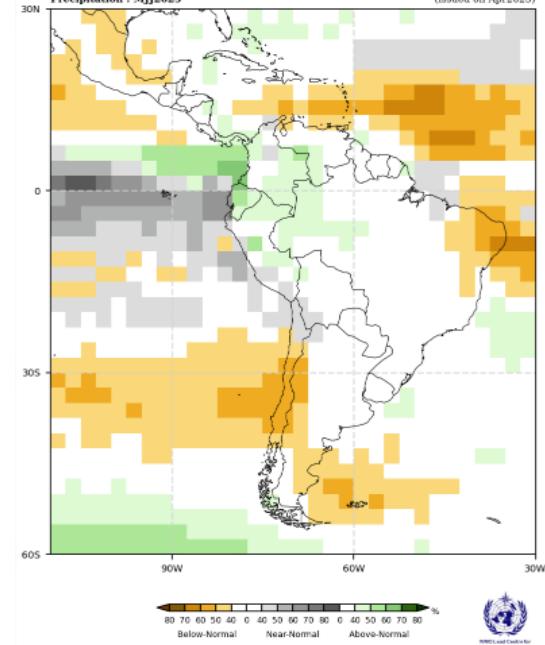


Probabilistic Multi-Model Ensemble Forecast

CMCC, CPTEC, ECMWF, Exeter, Montreal, Moscow, Offenbach, Seoul, Tokyo, Toulouse, Washington

Precipitation : MJJ2025

(Issued on Apr2025)



Modelos Europeus

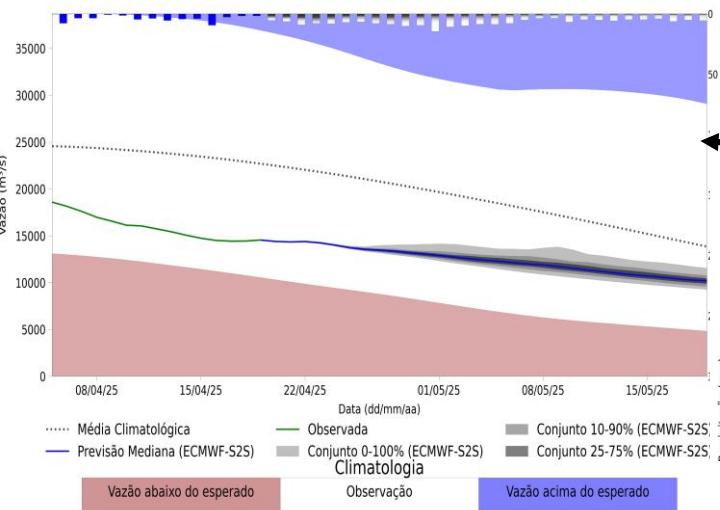
Modelos Norte Americanos

Modelos da WMO

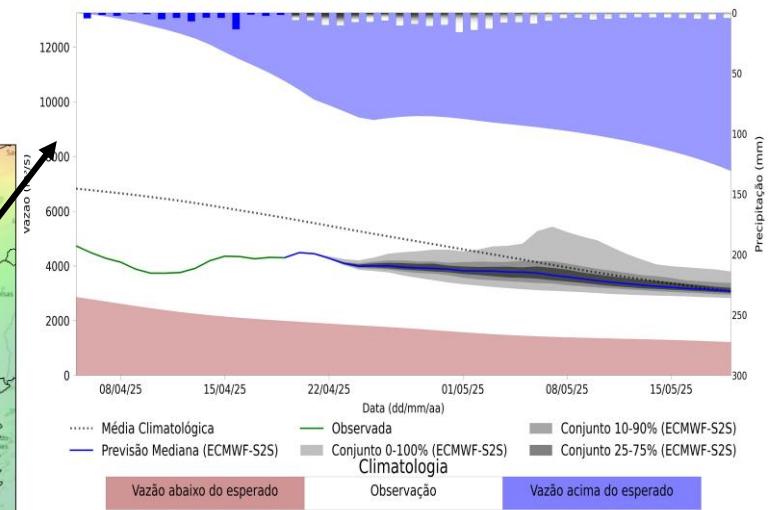
Previsão de vazão natural na Bacia Rio Tocantins-Araguaia 30 dias (Modelo hidrológico MHD)

Previsão: 19/04/2025 a 19/05/2025

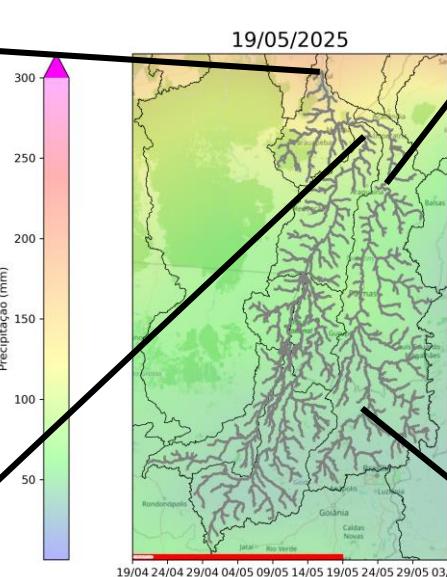
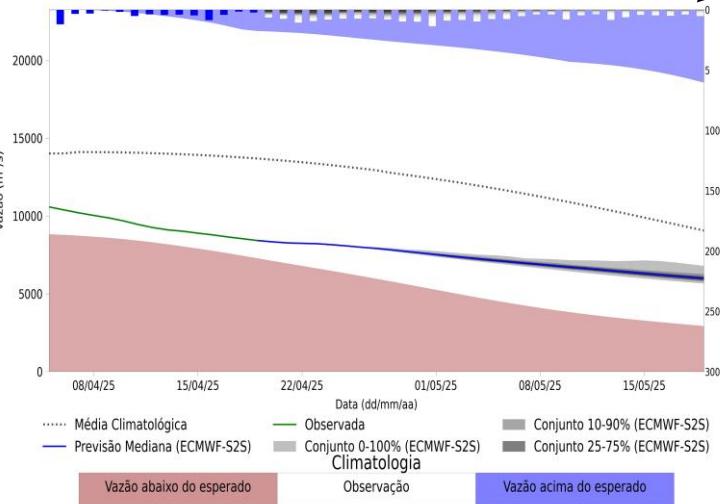
UHE Tucuruí



UHE Estreito



Araguatins - TO



Fonte: Meteorologia (INMET/MERGE);
Vazão (ANA/ONS)
MLT: 1993-2023
Previsão Meteorológica: ECMWF-S2S

UHE Serra da Mesa

