

Monitoramento e Previsões para a Bacia do rio Araguaia-Tocantins

JUNHO 2026



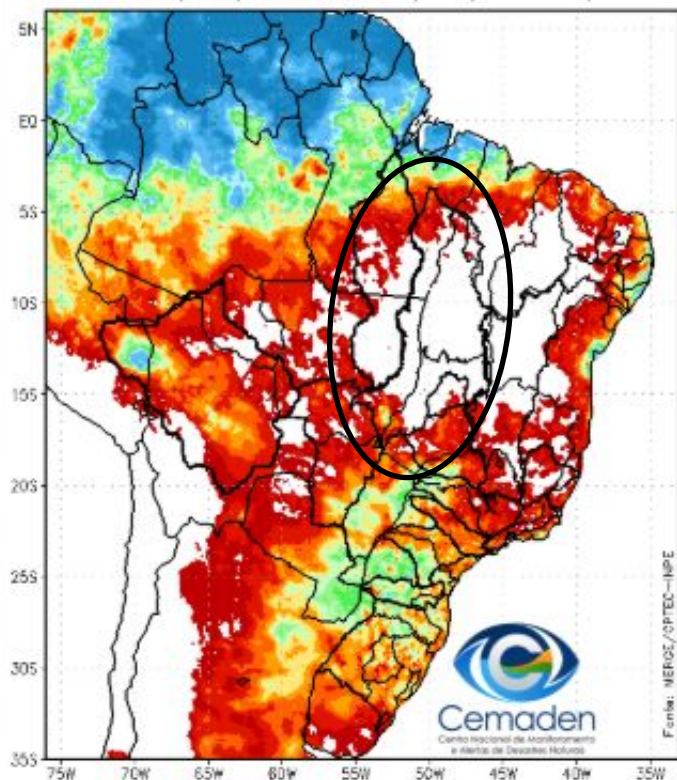
MINISTÉRIO DA
CIÊNCIA, TECNOLOGIA
E INOVAÇÃO

GOVERNO DO
BRASIL
DO LADO DO POVO BRASILEIRO

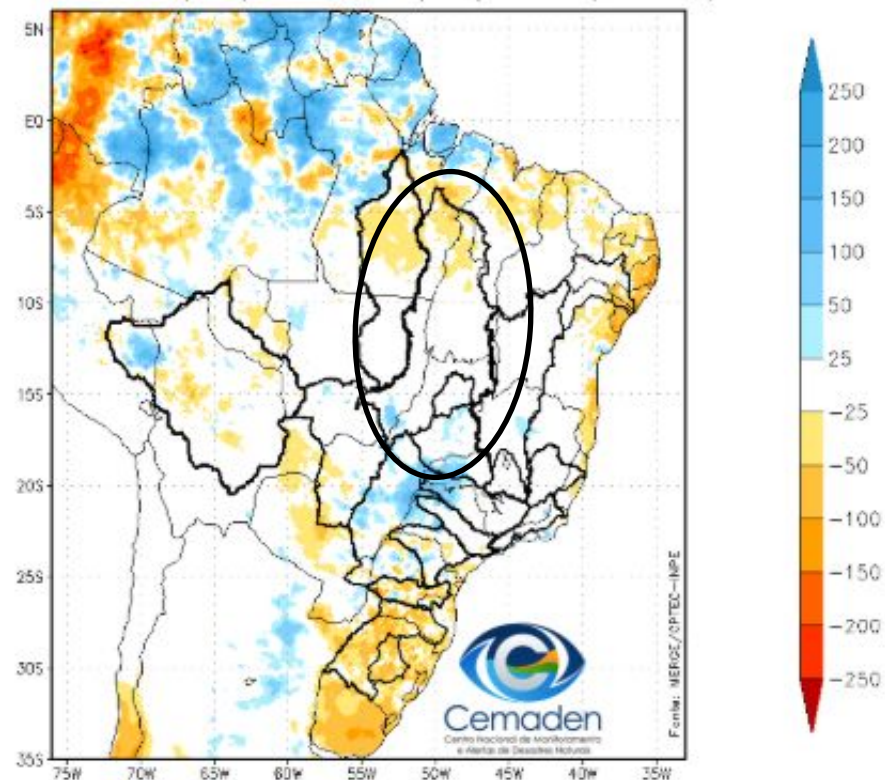


Precipitação acumulada últimos 30 dias

Precipitação Acumulada (mm) A.S.
Período: 24/05/2026 a 23/06/2026 (30 dias)



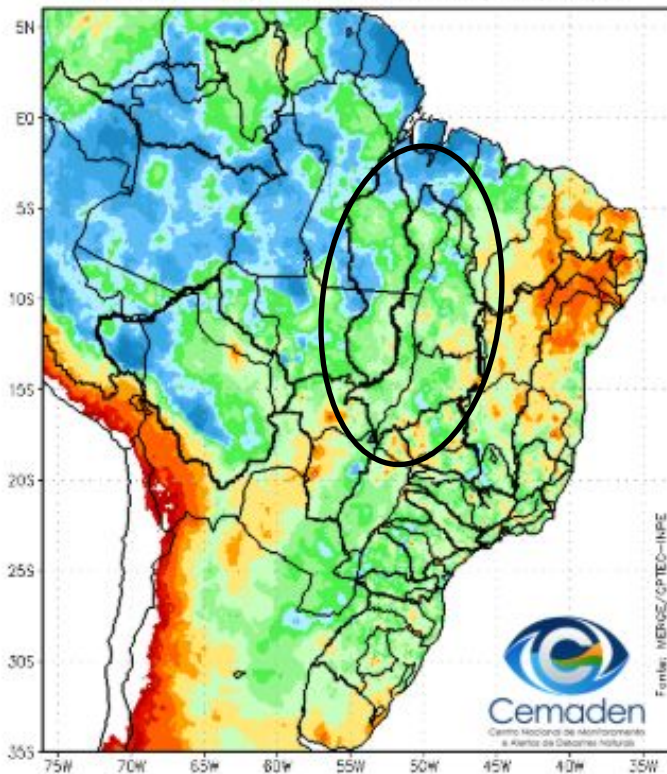
Anomalia de Precipitação (mm) A.S.
Período: 24/05/2026 a 23/06/2026 (30 dias)



Fonte dos dados: Merge/INPE

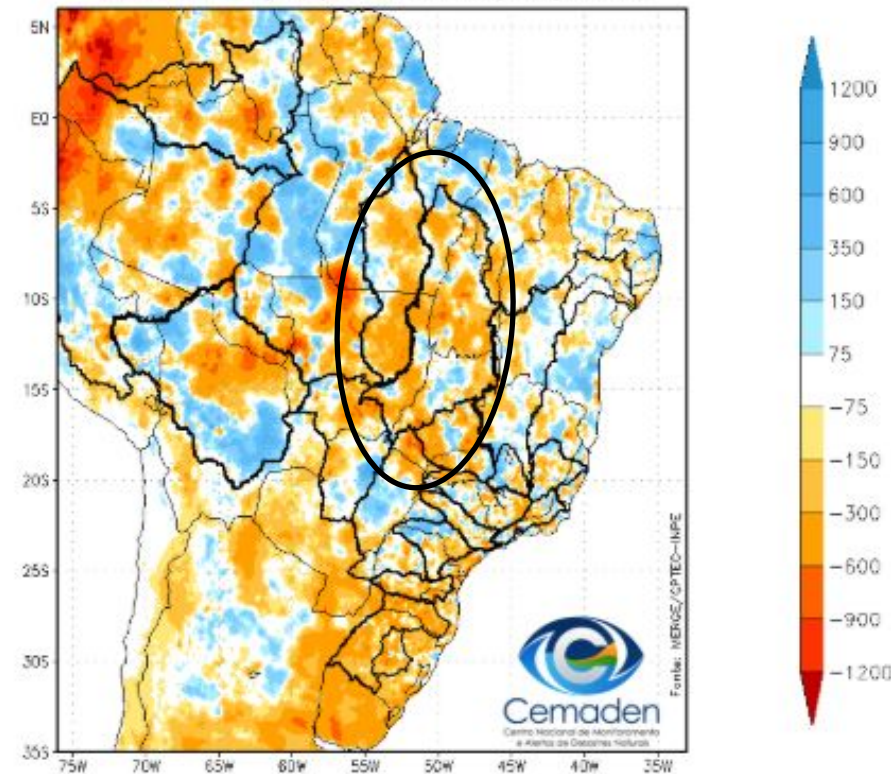
Precipitação acumulada no Ano Hidrológico desde 01 de outubro

Precipitação Acumulada (mm) Ano Hidrológico
Período: 01/10/2025 a 23/06/2026



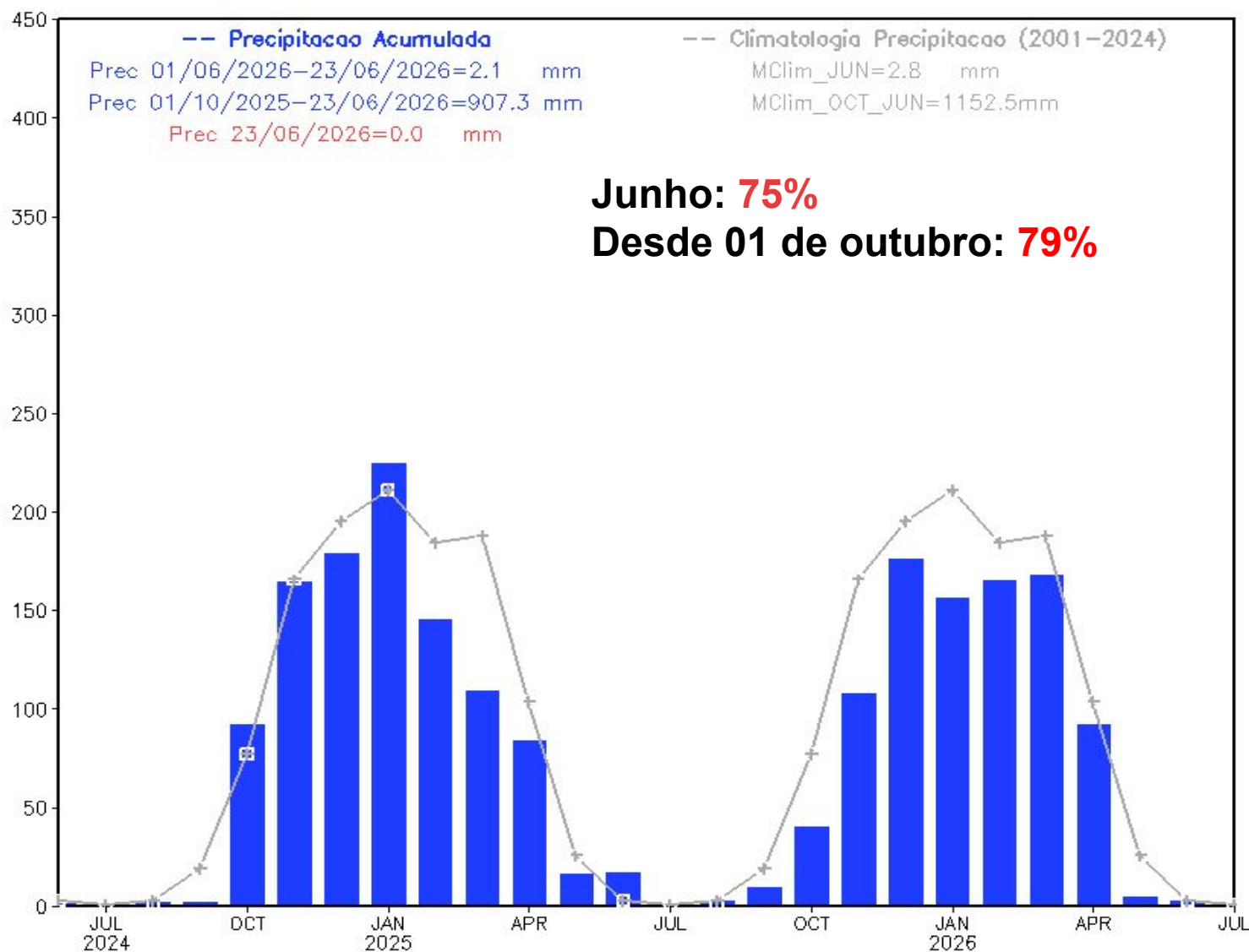
Fonte dos dados: Merge/INPE

Anomalia de Precipitação (mm) Ano Hidrológico
Período: 01/10/2025 a 23/06/2026



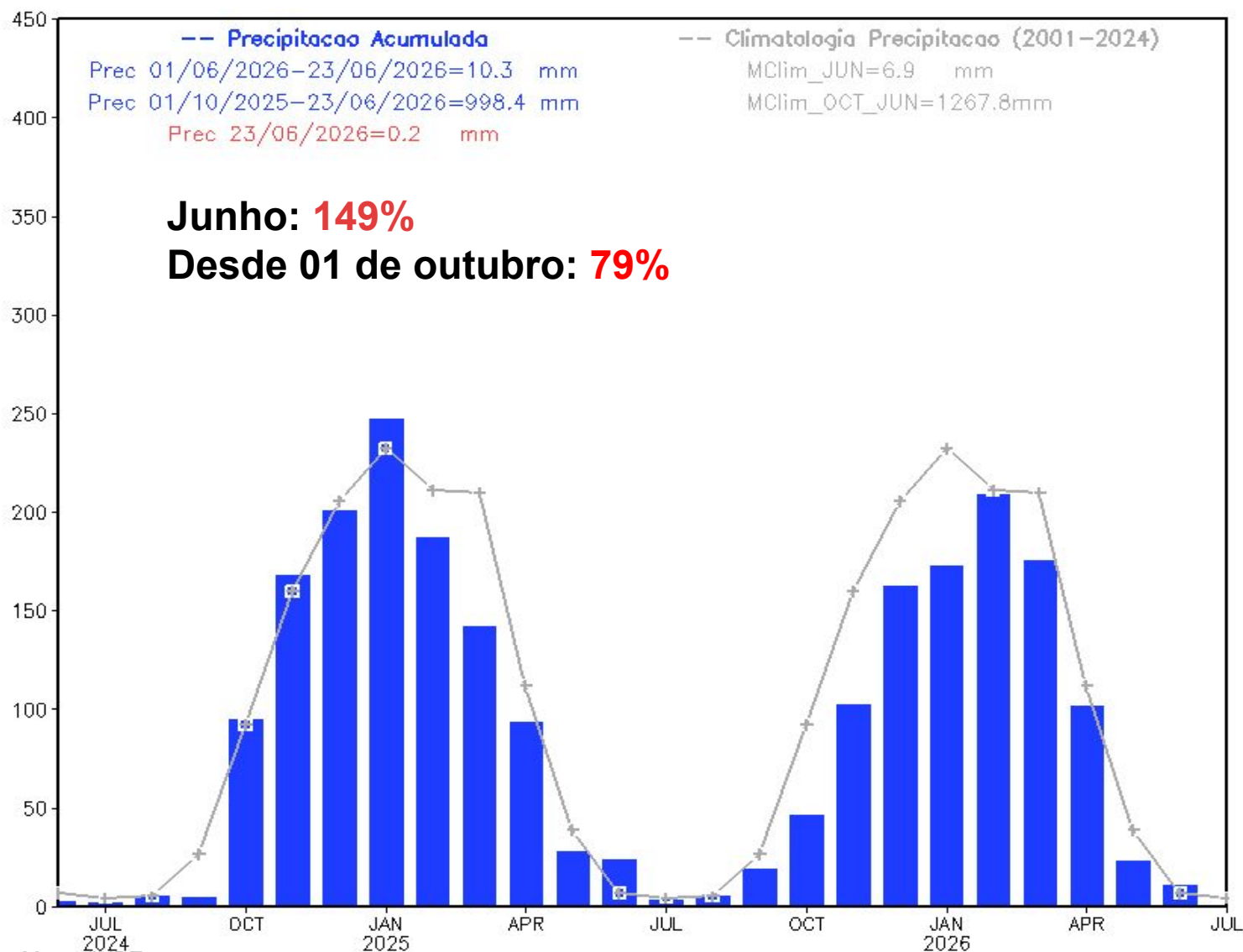
Precipitação Acumulada nos últimos Dois Anos

Precipitacao Bacia do Rio Tocantins desde JUN 2024

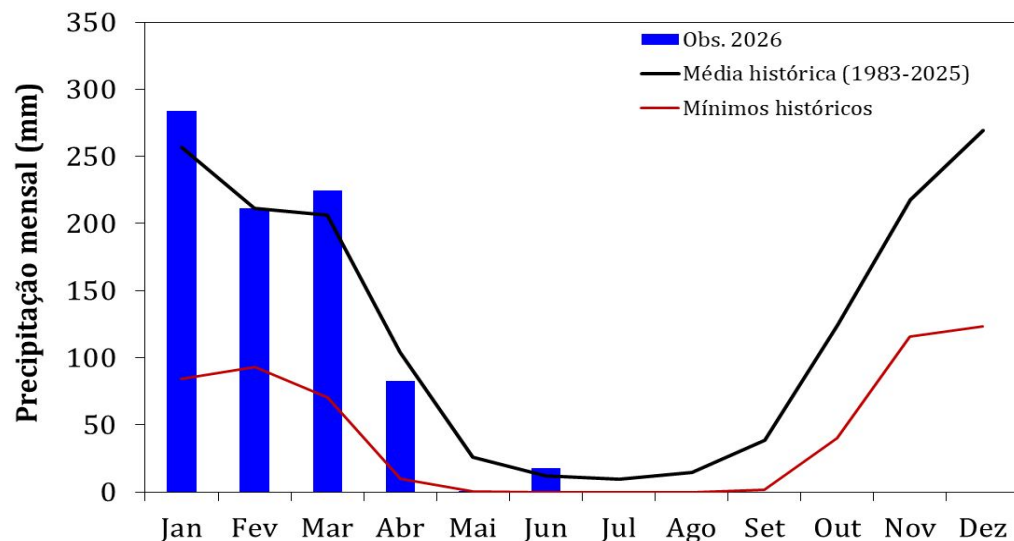


Precipitação Acumulada nos últimos Dois Anos

Precipitacao Bacia do Rio Araguaia desde JUN 2024



Monitoramento UHE Serra da Mesa



Precipitação

Estação Chuvosa - Out a Abr – 1390 mm

2024/2025: 1355 mm (**97% da MLT**)

2025/2026: 1260 mm (**91% da MLT**)

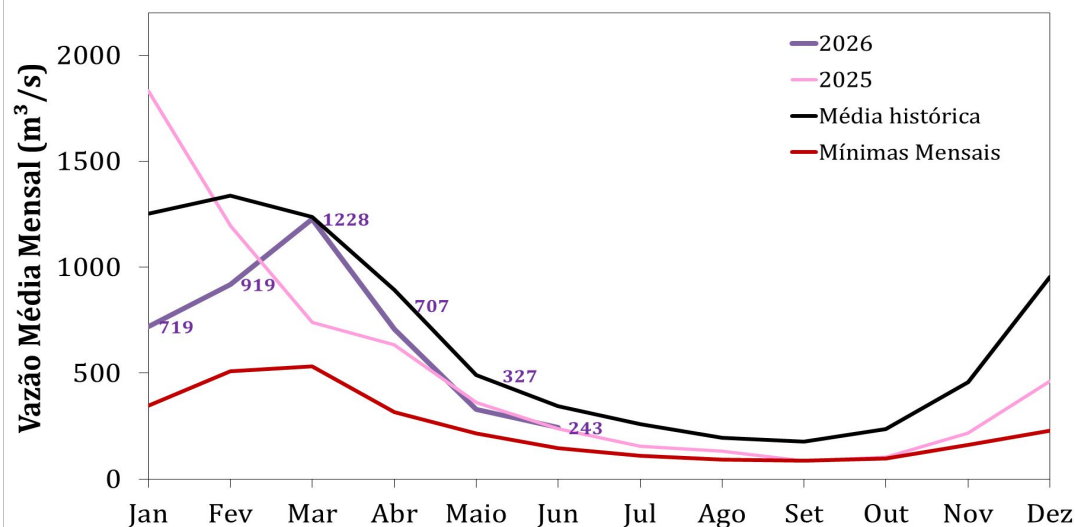
Estação Seca - Maio a Set – 100 mm

2025: 24 mm (**23% da MLT**)

2026: 17 mm (**50% da MLT PARCIAL**)

Jun/2026*: 17 mm (143% da MLT)

*Até 21/06/2026



Vazão

Estação Chuvosa - Out a Abr – 909 m³/s

2024/2025: 881 m³/s (**97% da MLT**)

2025/2026**: 622 m³/s (**68% da MLT**)

Estação Seca - Maio a Set – 293 m³/s

2025: 194 m³/s (**66% da MLT**)

2026: 285 m³/s (**97% da MLT**)

Jun/26: 243 m³/s (71% da MLT)**

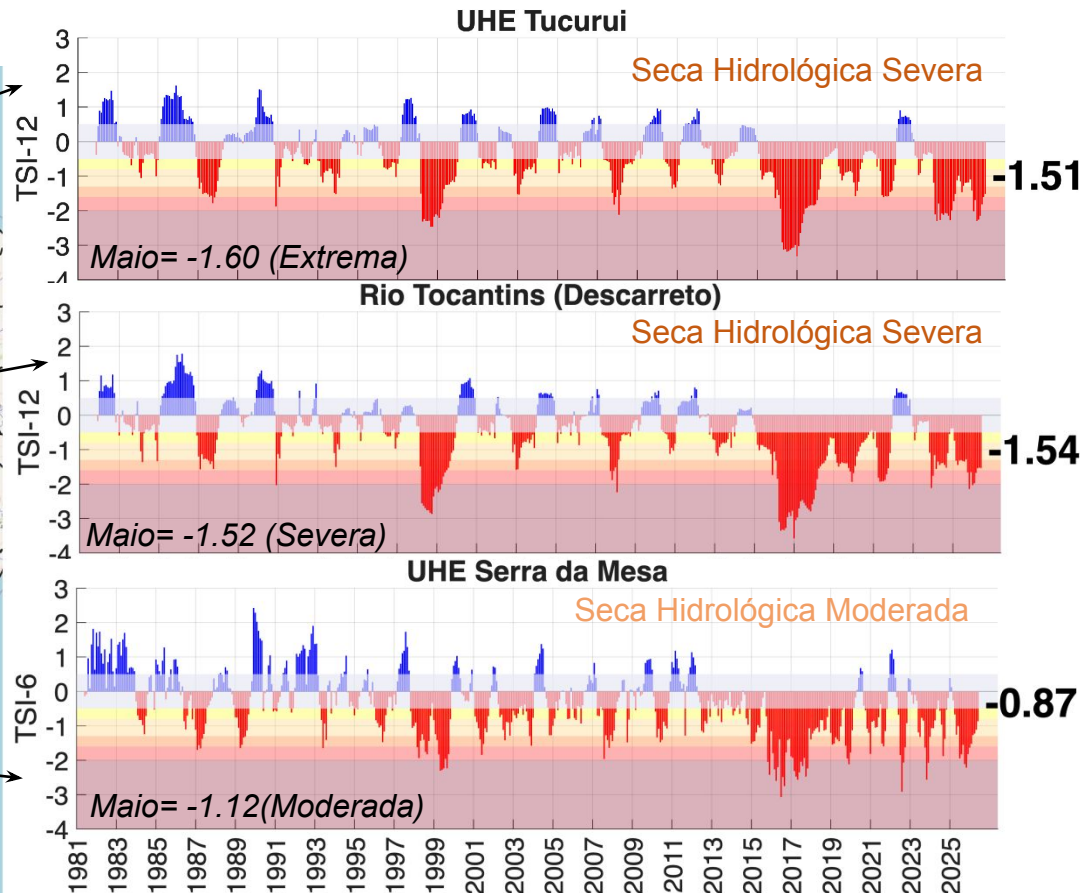
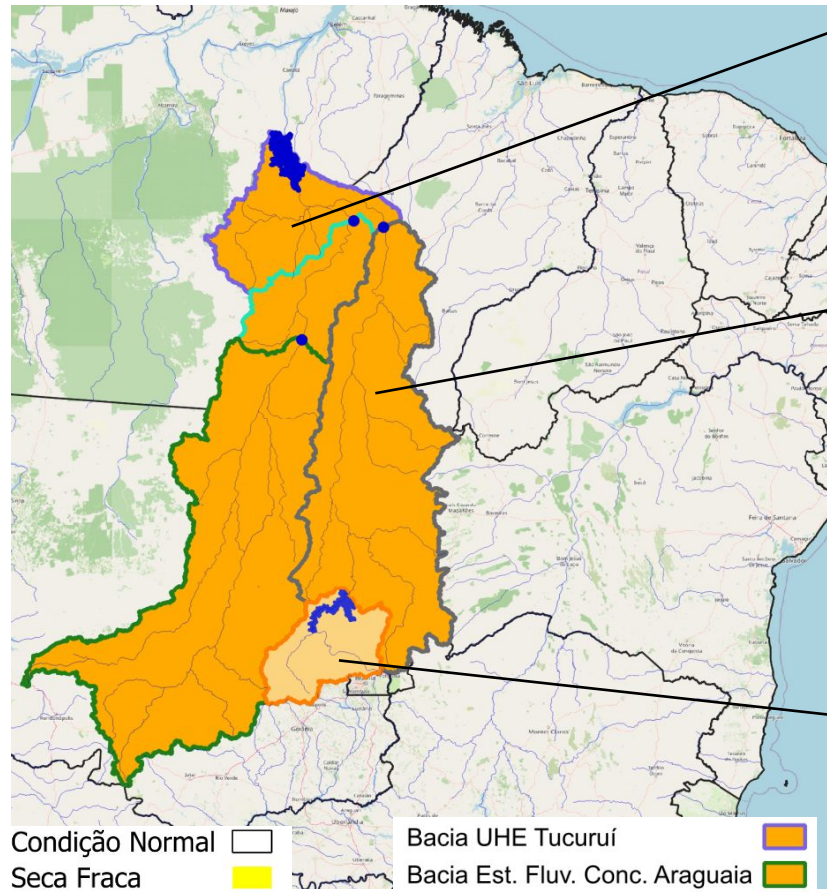
21/Jun: 239 m³/s (69% da MLT)

**Até 21/06/2026

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

Escala de longo prazo

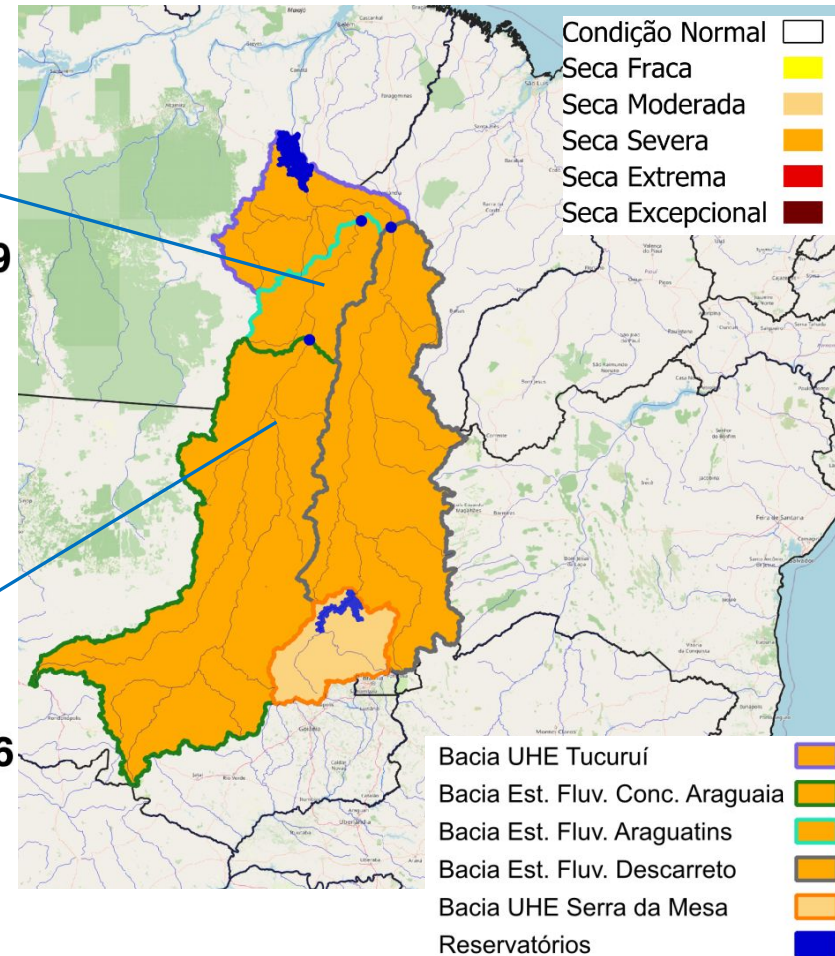
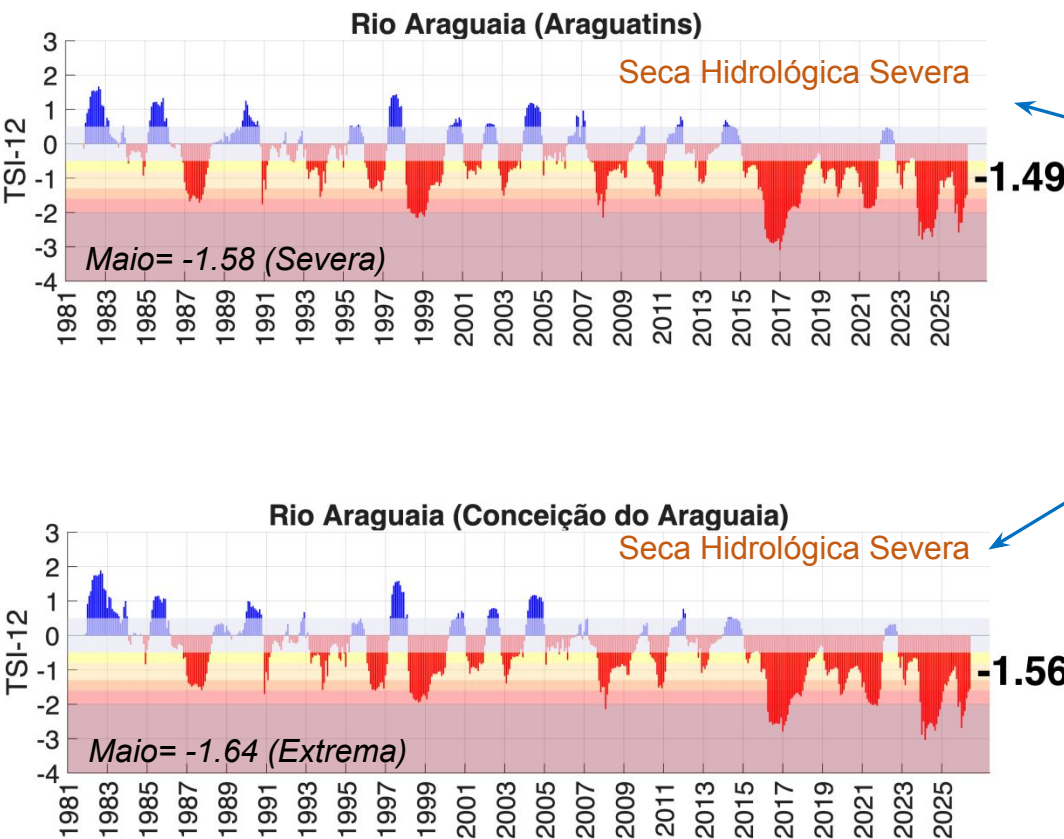
Jun/2026- Parcial



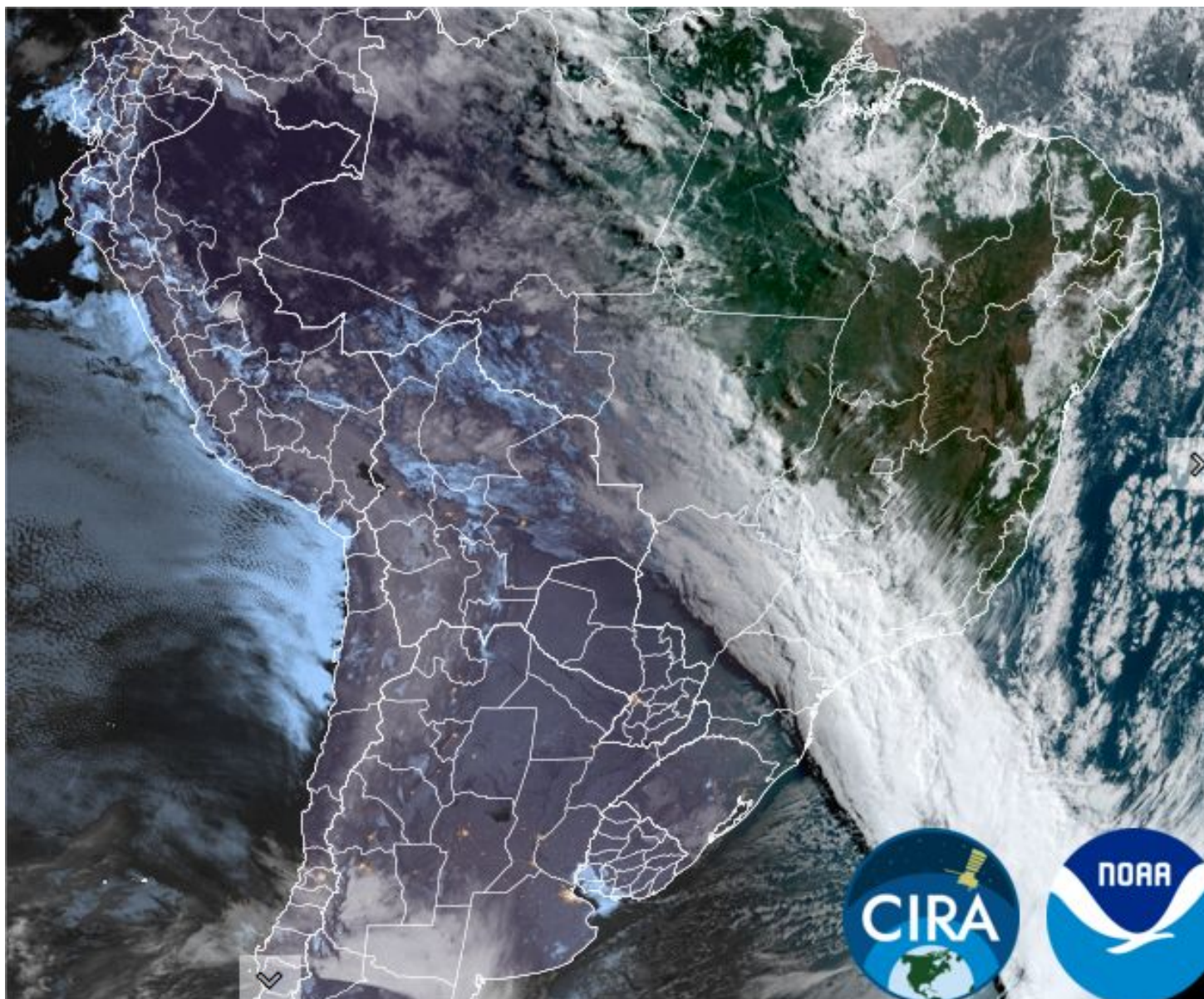
Índice Bivariado de Seca (Precipitação-Cota/Vazão) - TSI

Escala de longo prazo

Jun/2026- Parcial



Situação meteorológica atual

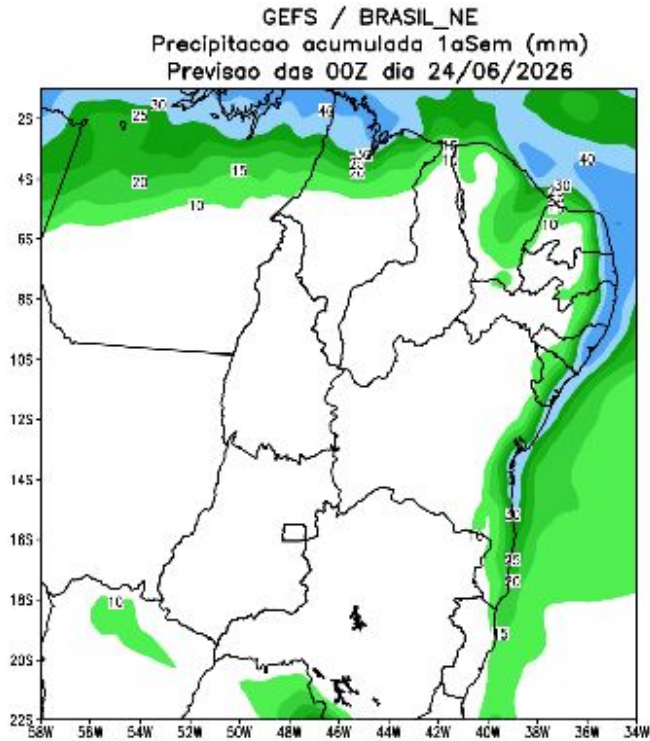


Previsão de chuva para a 1a semana

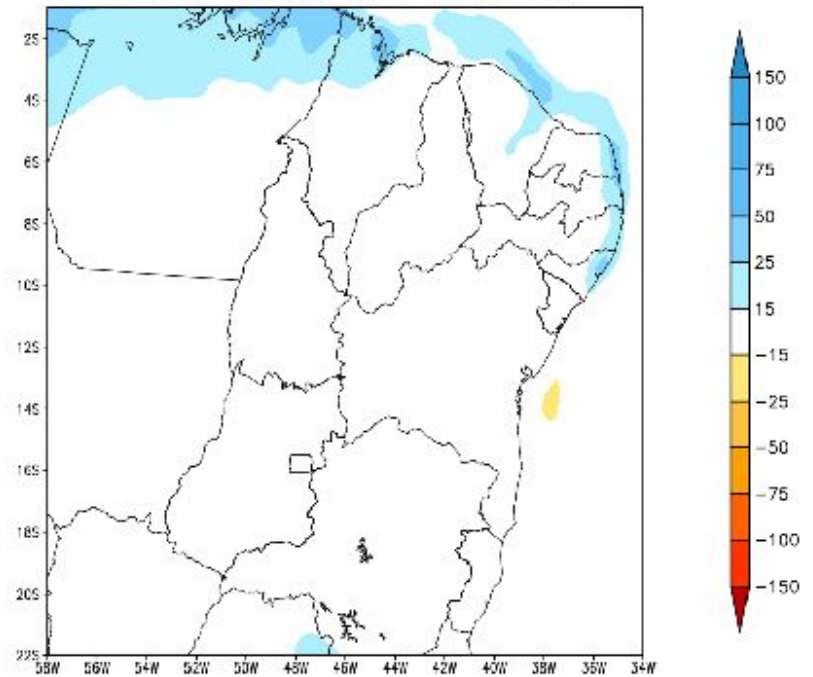
chuva

anomalia

1979 1980 1981 1982 1983 1984 1985 1986 1987 1988 1989 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019 2020 2021 2022 2023 2024 2025 2026



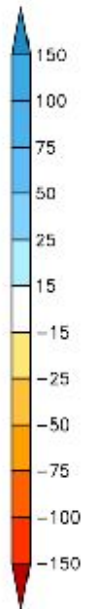
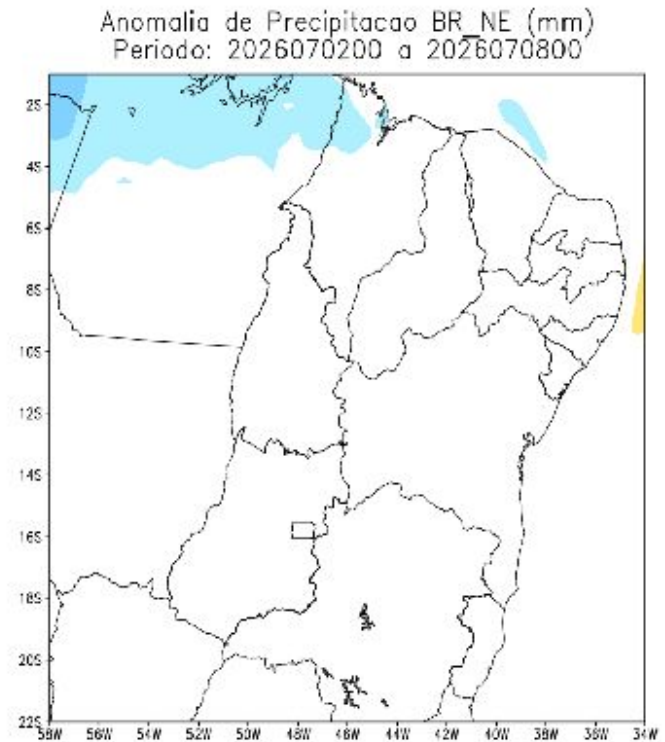
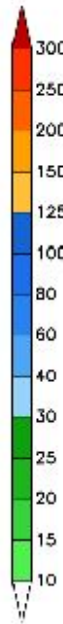
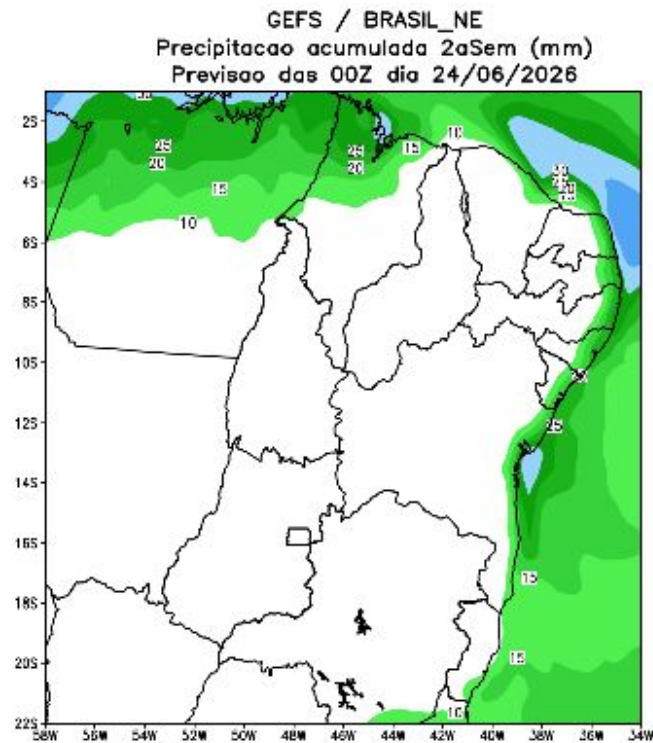
Anomalia de Precipitacao BR_NE (mm)
Periodo: 2026062400 a 2026070100



Previsão de chuva para a 2a semana

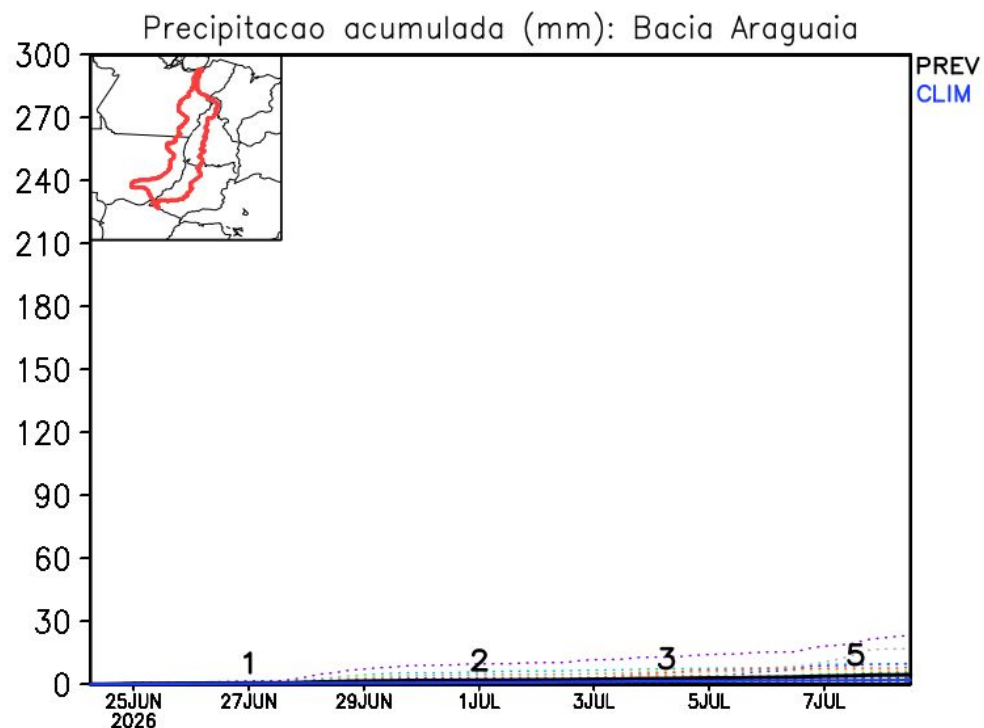
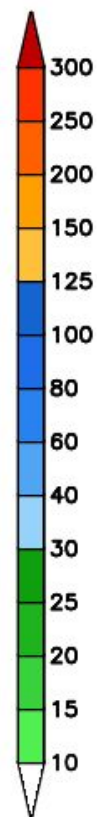
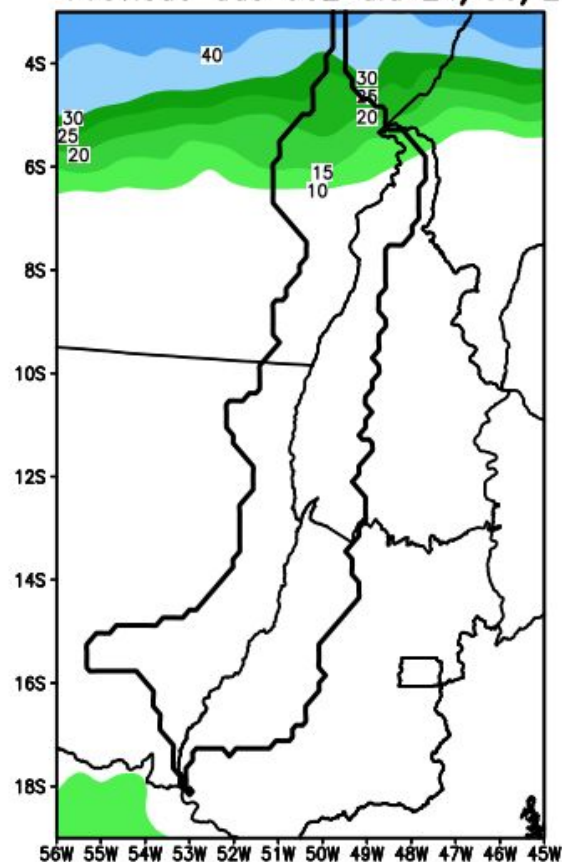
chuva

anomalia



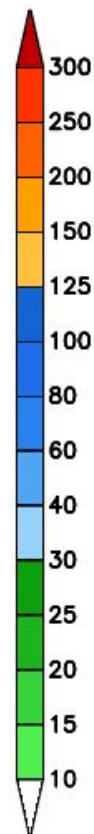
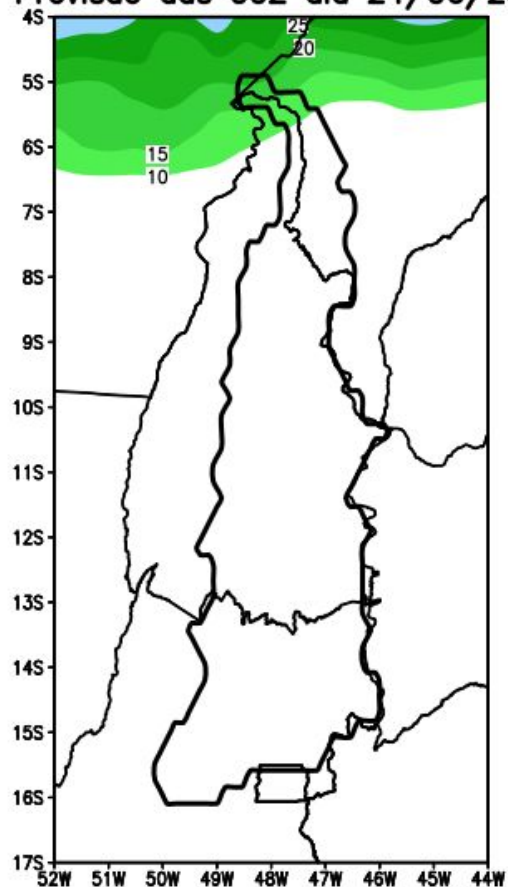
Previsão Bacia Araguaia

GEFS / Bacia do Rio Araguaia
Precipitação acumulada em 14 dias (mm)
Previsão das 00Z dia 24/06/2026

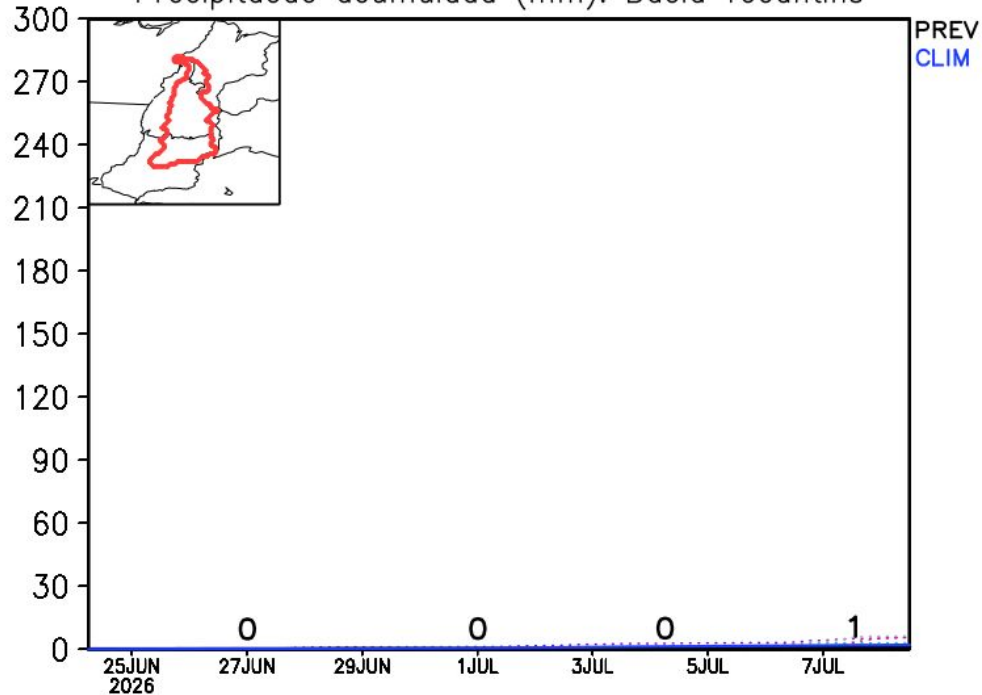


Previsão Bacia Rio Tocantins

GEFS / Bacia Tocantins
Precipitacao acumulada em 14 dias (mm)
Previsao das 00Z dia 24/06/2026



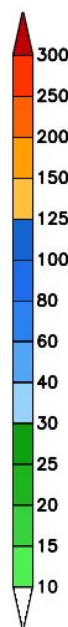
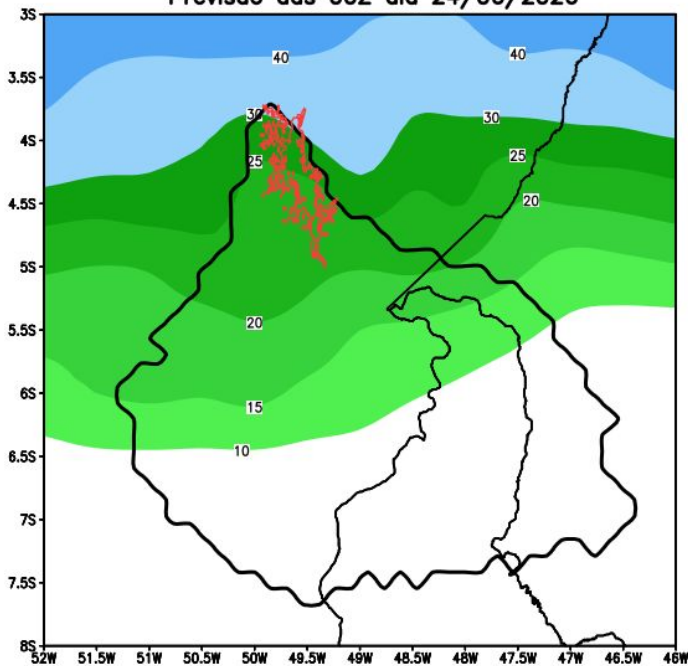
Precipitacao acumulada (mm): Bacia Tocantins



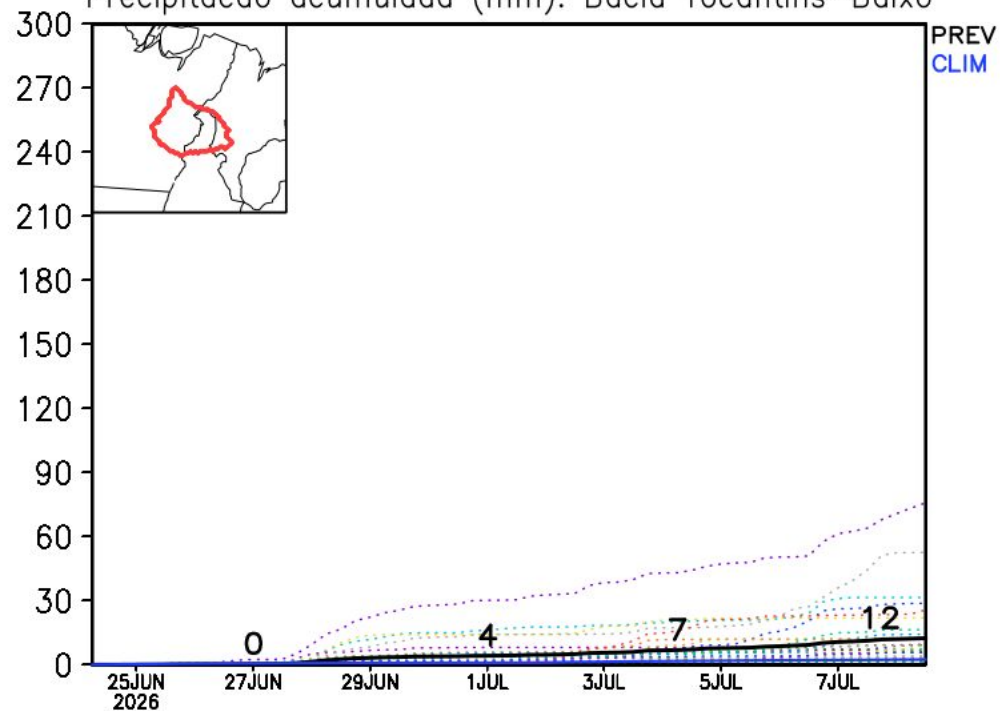
Fonte: GEFS/NOAA

Previsão Bacia Tocantins (Baixo)

GEFS / Bacia Baixo Tocantins
Precipitação acumulada em 14 dias (mm)
Previsão das 00Z dia 24/06/2026



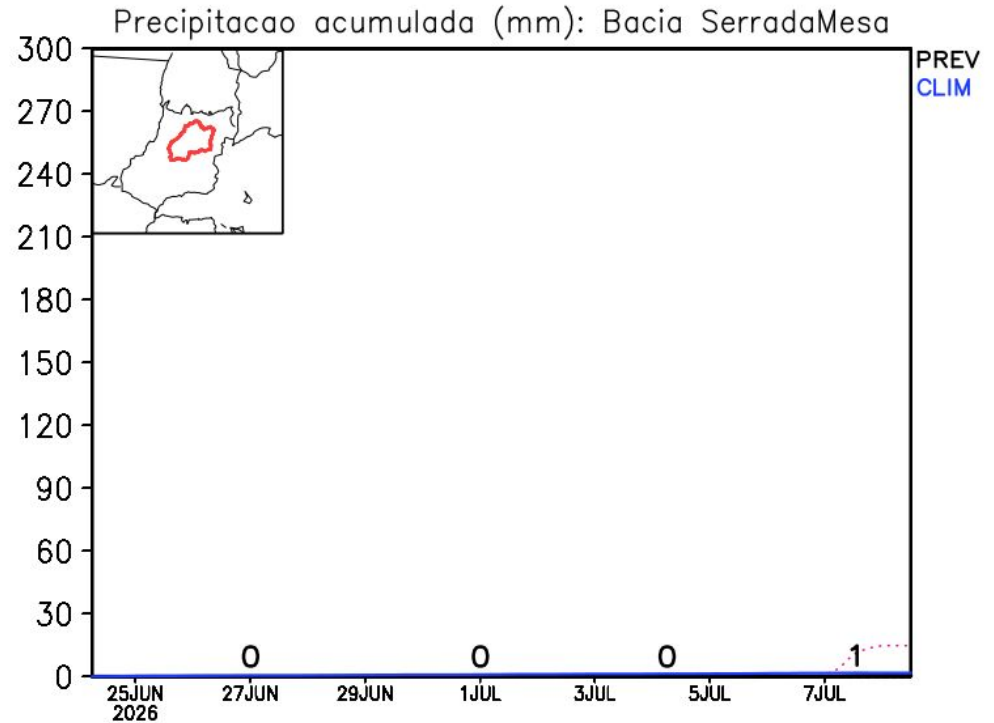
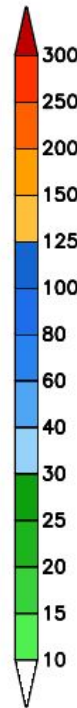
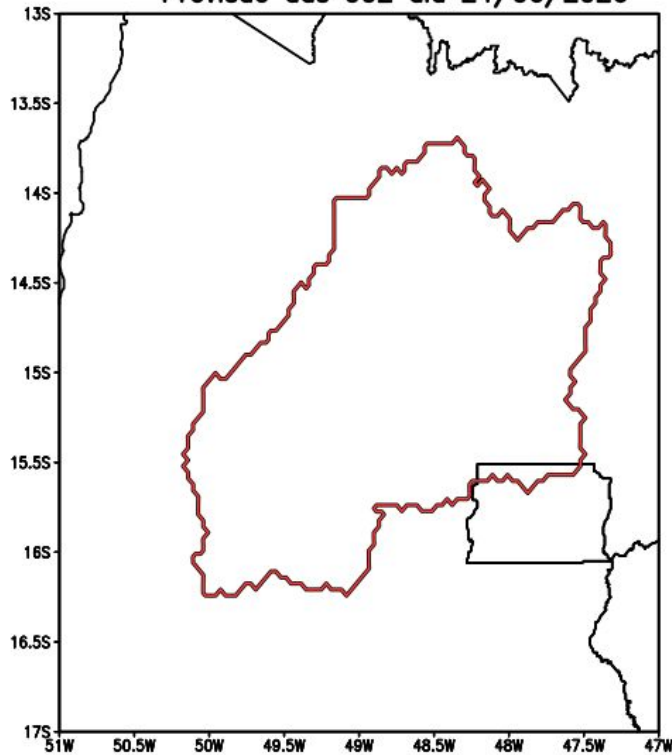
Precipitação acumulada (mm): Bacia Tocantins–Baixo



Fonte: GEFS/NOAA

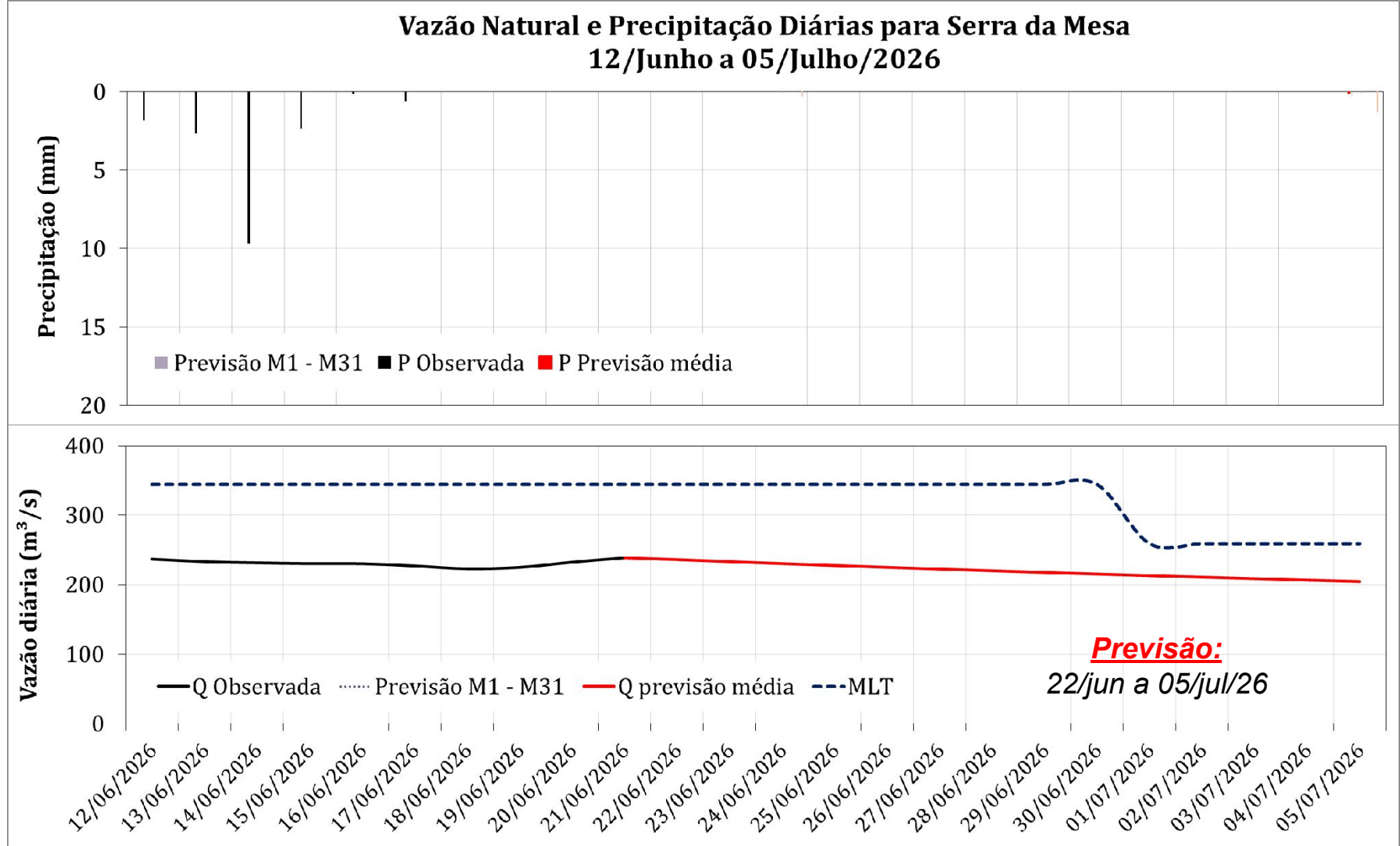
Previsão Bacia Serra da Mesa

GEFS / Bacia Serra da Mesa
Precipitacao acumulada em 14 dias (mm)
Previsao das 00Z dia 24/06/2026

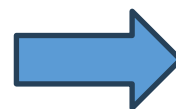


Fonte: GEFS/NOAA

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



Previsão média para
os próximos 14 dias: **219 m³/s**

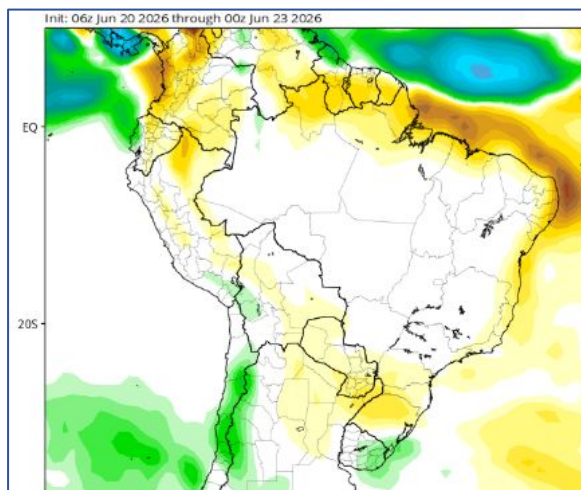


63% da MLT Jun
84% da MLT Jul

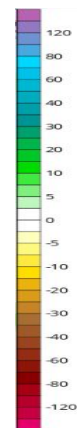
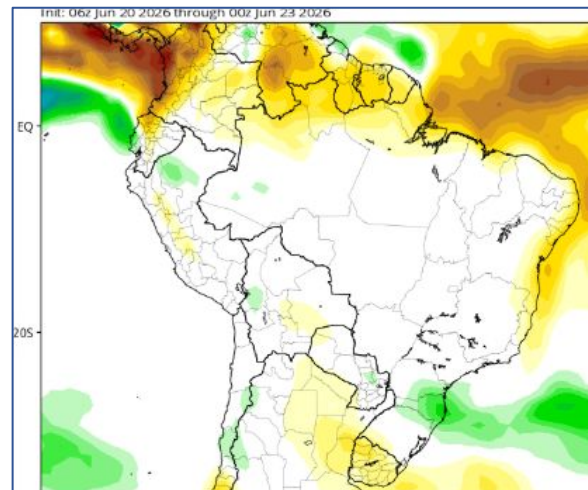
Tendência 3a e 4a semanas

CFS/NOAA

07-14 Jul

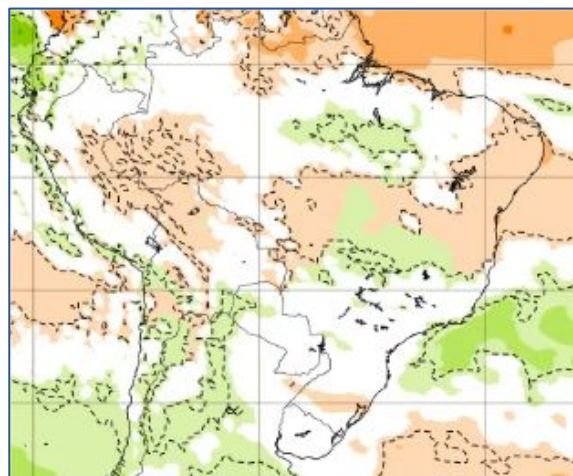


14-21 Jul

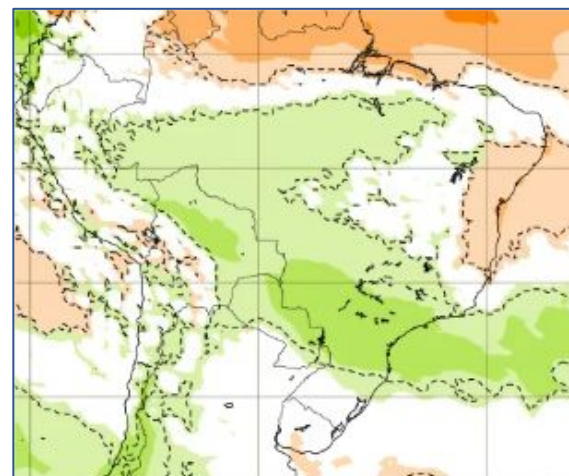


ECMWF

06-34 Jul

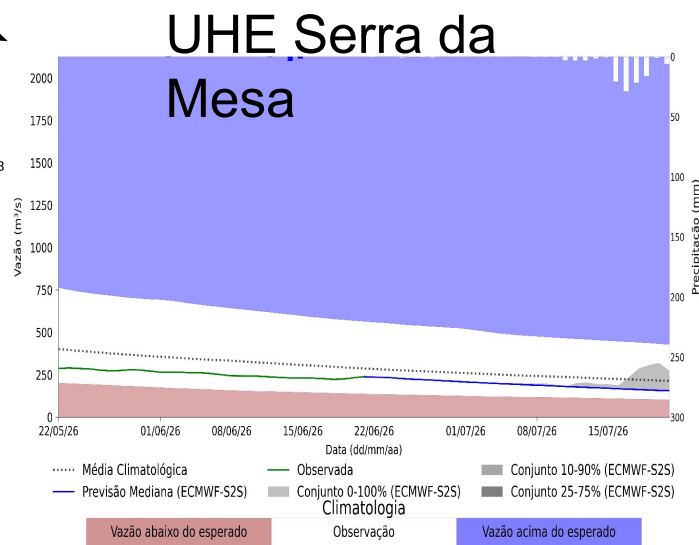
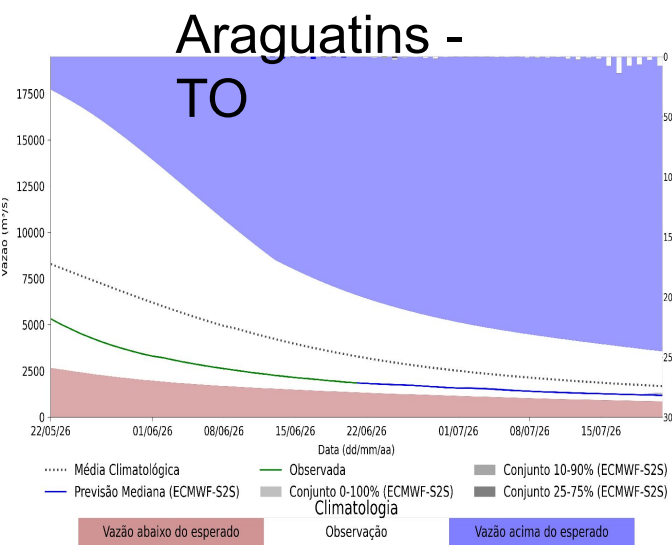
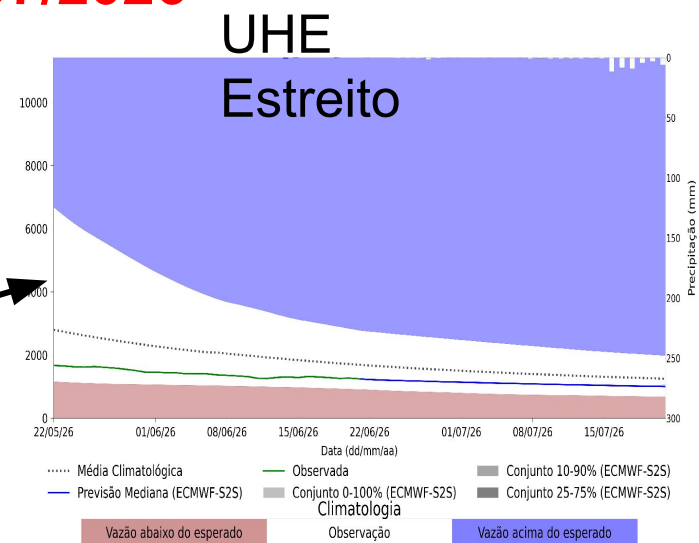
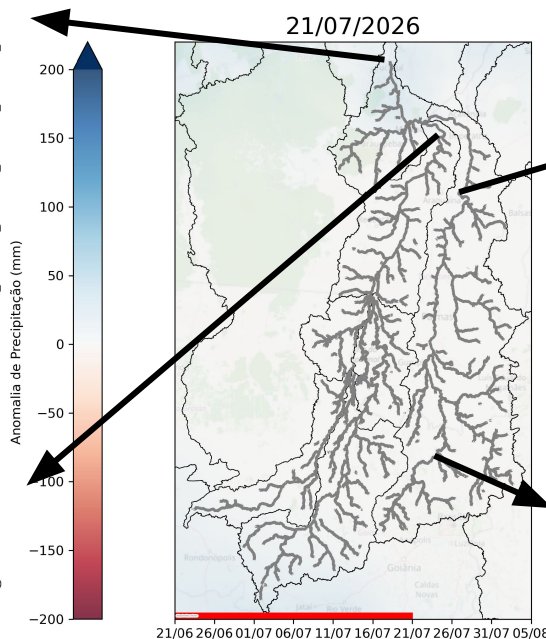
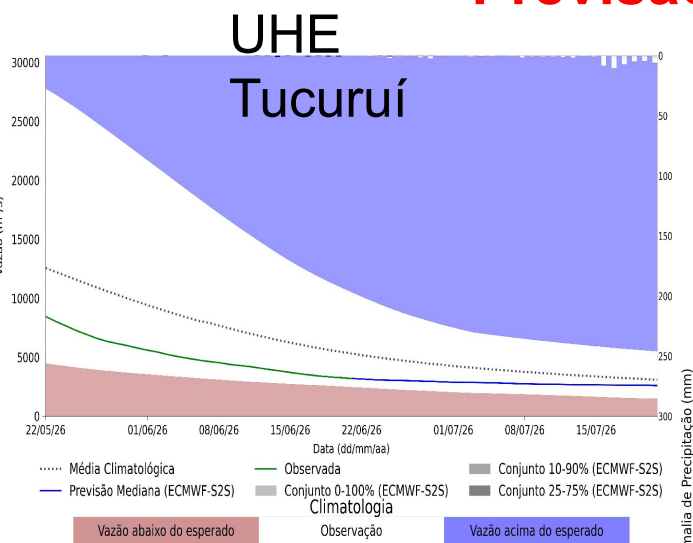


13-20 Jul



Previsão de vazão natural na Bacia Rio Tocantins-Araguaia

Previsão: 21/06/2026 a 21/07/2026

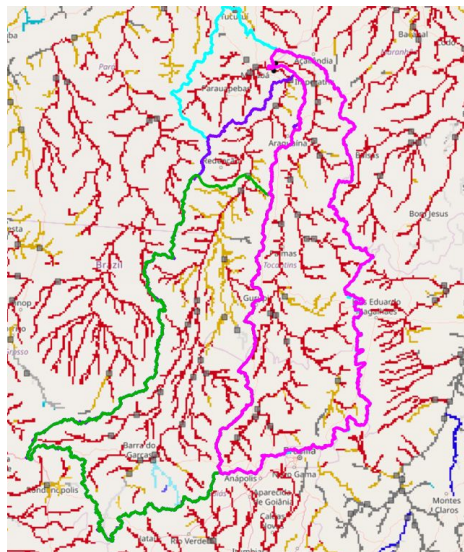


Fonte: Meteorologia (INMET/MERGE); Vazão (ANA/ONS)
MLT: 1993-2024
Previsão Meteorológica: ECMWF-S2S

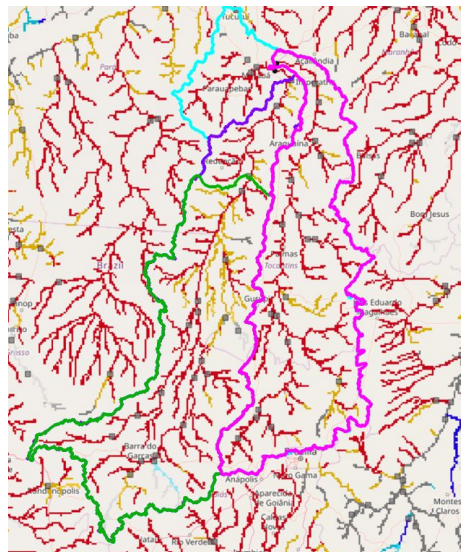
Previsão Sub-sazonal (45 dias) de vazões naturais para a Bacia do Rio Tocantins (GloFAS)

Previsão: 22/06/2026 – 03/08/2026

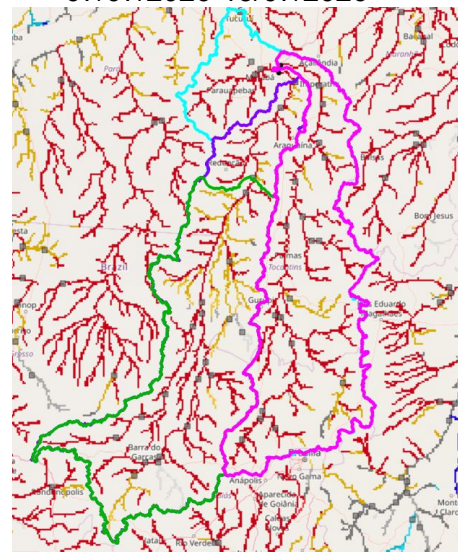
22/06/2026-29/06/2026



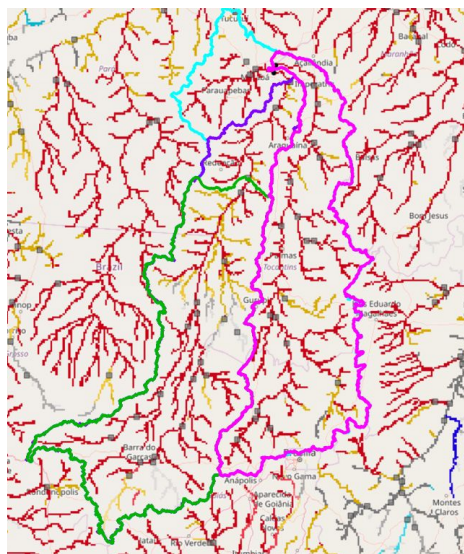
30/06/2026-06/07/2026



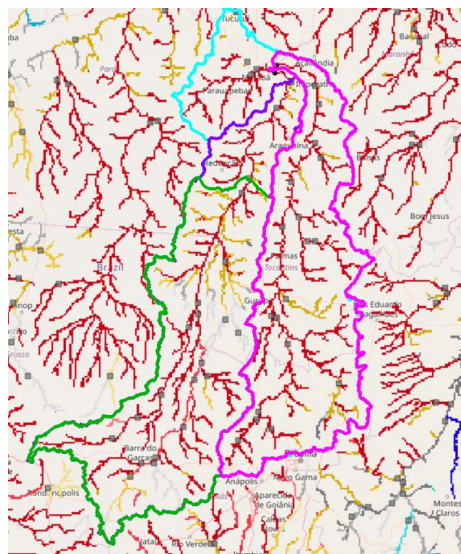
07/07/2026-13/07/2026



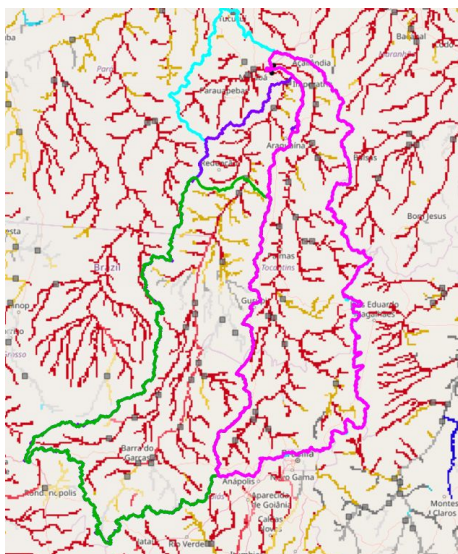
14/07/2026-20/07/2026



21/07/2026-27/07/2026



28/07/2026-03/08/2026



- Bacia Tocantins
- Bacia Conceição do Araguaia
- Bacia Araguaatins
- Bacia UHE Tucuruí

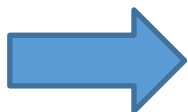
Categoria de anomalia de vazões (percentil)

- Muito abaixo (1-10)
- Abaixo (10-25)
- Média (25-75)
- Acima (75-90)
- Muito acima (90-100)

Categoria de incerteza

- | Baixa (0-10) | Média (10-20) | Alta (<20) |
|--------------|---------------|------------|
| | | |
| | | |
| | | |
| | | |
| | | |

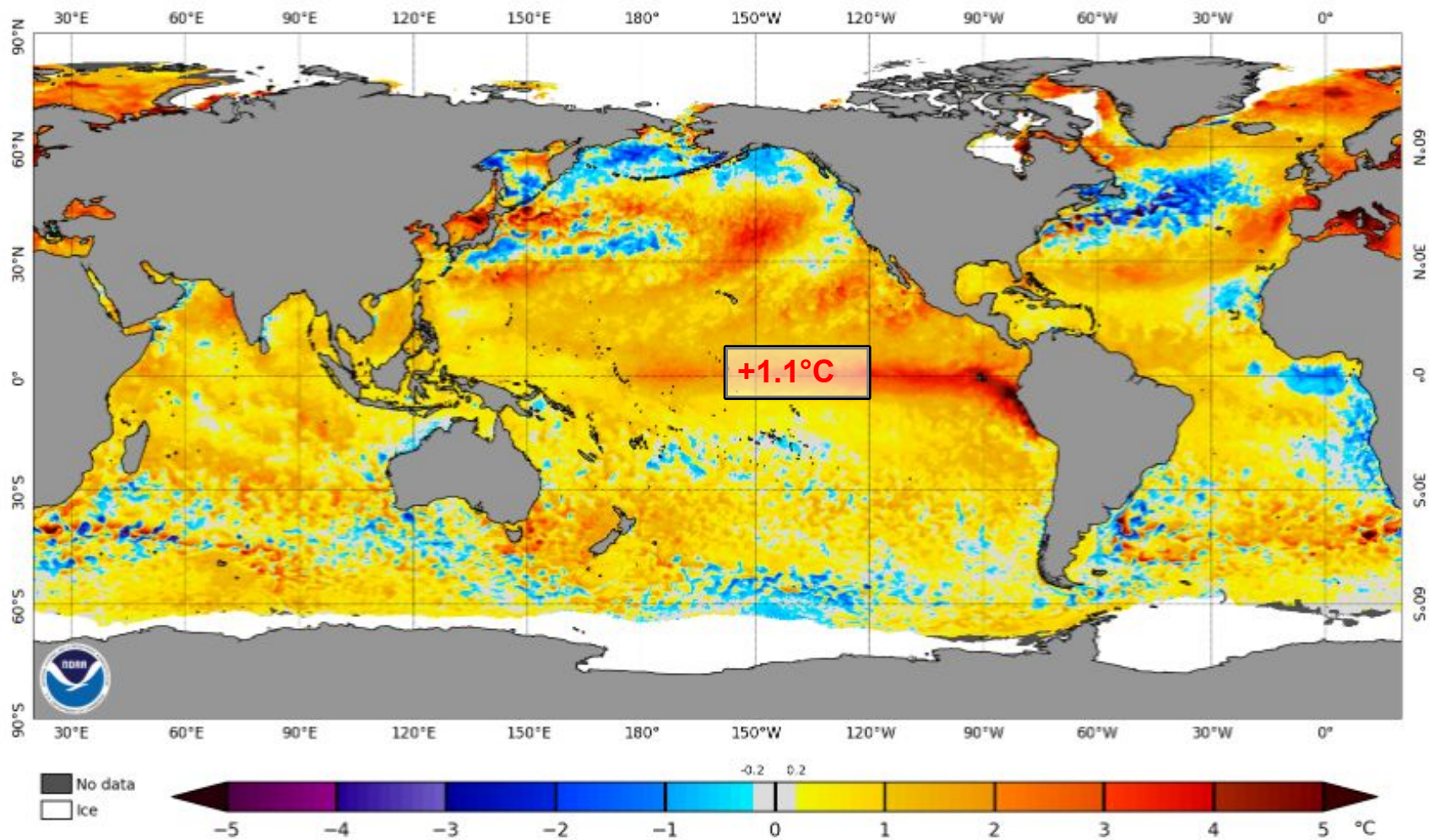




ENSO Alert System Status: **El Niño Advisory**

El Niño conditions are present.*

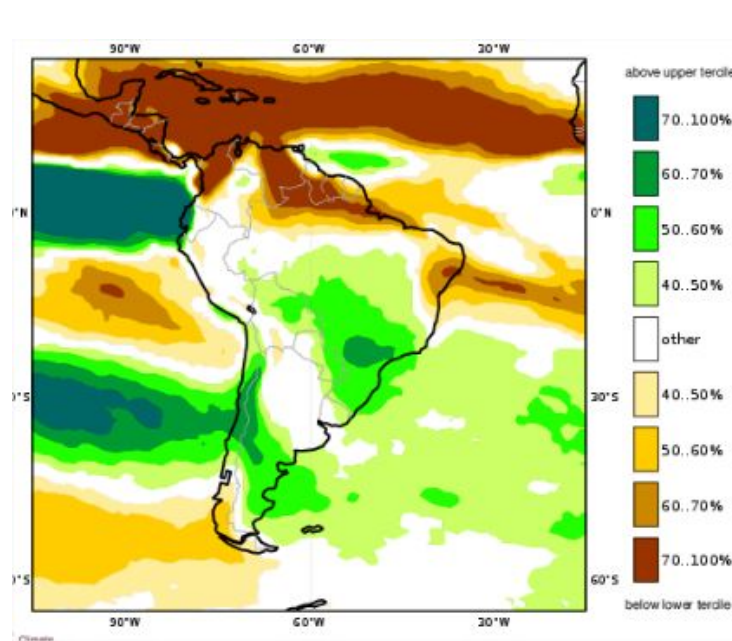
NOAA Coral Reef Watch Daily 5km SST Anomalies (v3.1) 21 Jun 2026



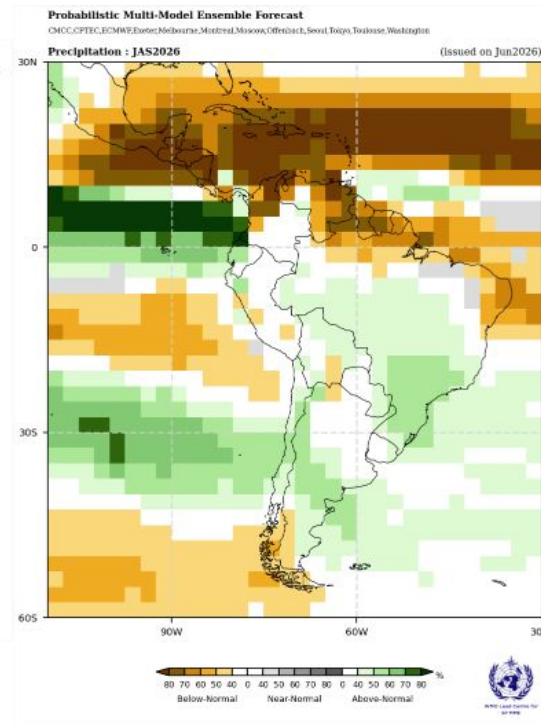
FONTE: NOAA

Previsão Sazonal de Chuva Multi-Modelo

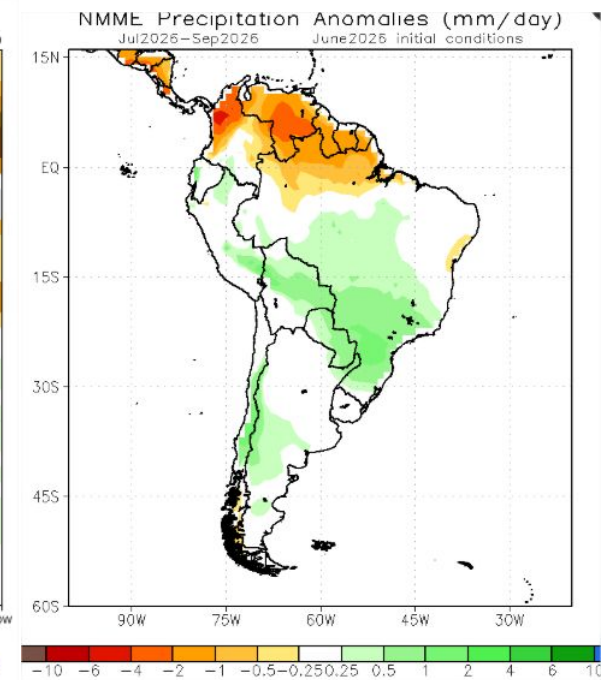
Julho-Agosto-Setembro



Modelos “Europeus”



Modelos Norte Americanos

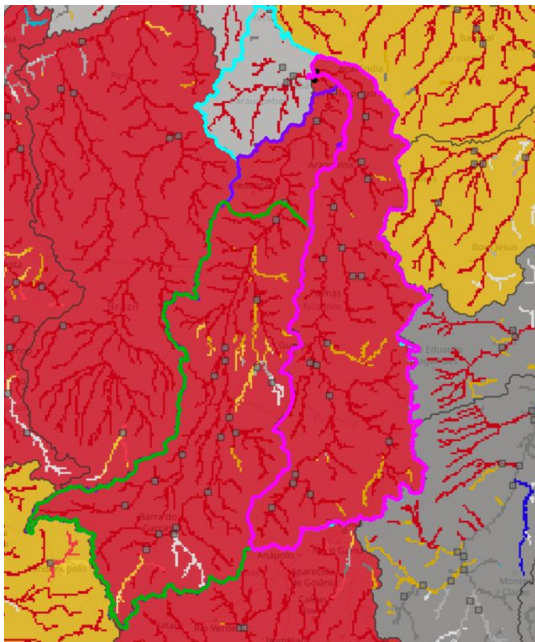


Modelos da WMO

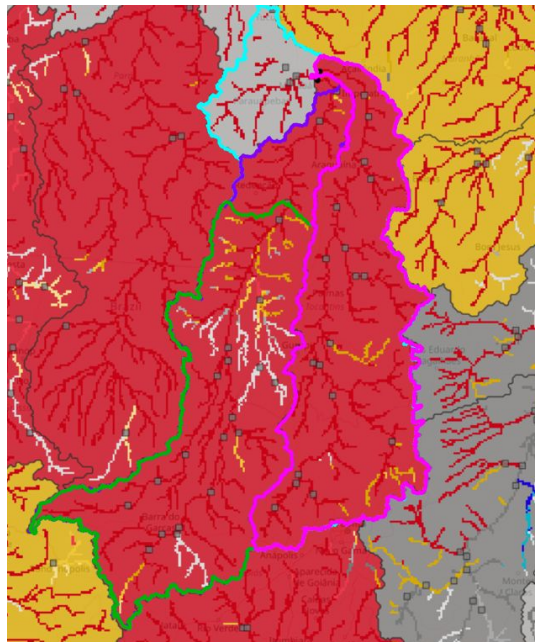
Previsão Sazonal (JAS) de vazões naturais para a Bacia do Rio Tocantins (GloFAS)

Previsão: Julho-Agosto-Setembro (JAS)

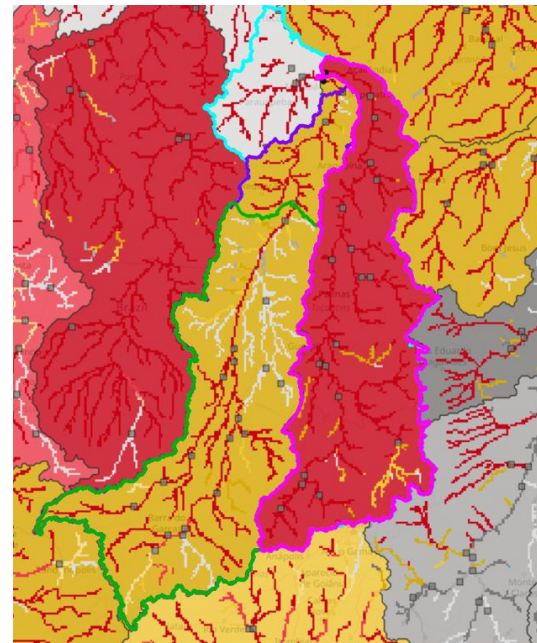
Julho



Agosto



Setembro



- Bacia Tocantins
- Bacia Conceição do Araguaia
- Bacia Araguaatins
- Bacia UHE Tucuruí

Categoria de anomalia de vazões (percentil)

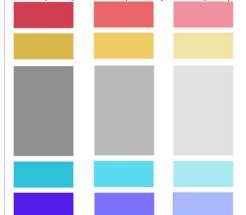
Muito abaixo (1-10)
Abaixo (10-25)

Média (25-75)

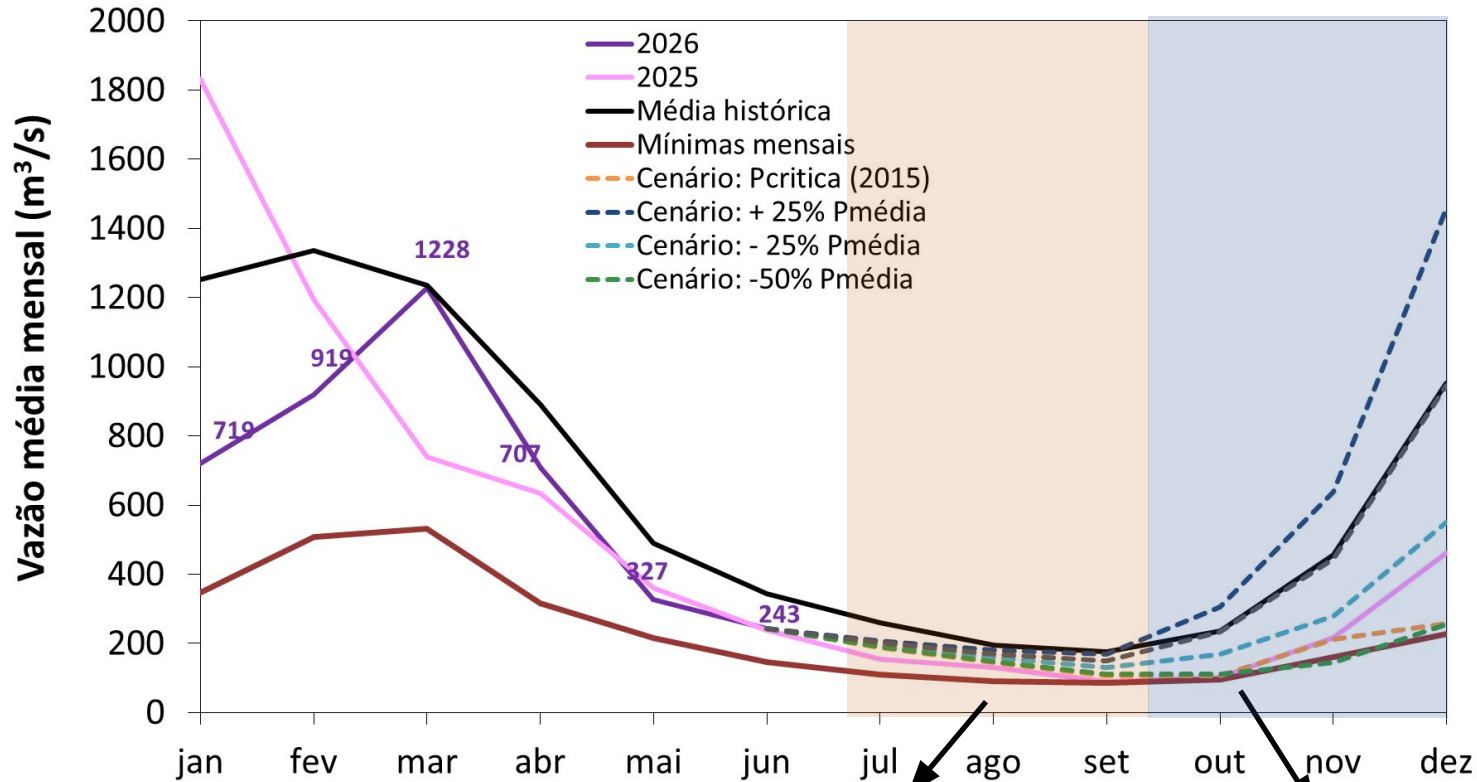
Acima (75-90)
Muito acima (90-100)

Categoria de incerteza

Baixa (0-10) Média (10-20) Alta (<20)



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



Jul-Set (Meses Secos)

MLT: 210 m³/s

Vazão	% MLT
185 m³/s	88%
173 m³/s	82%
161 m³/s	77%
146 m³/s	69%

Out-Dez (Meses Secos)

MLT: 549 m³/s

Vazão	% MLT
800 m³/s	146%
541 m³/s	99%
333 m³/s	61%
192 m³/s	35%

Anos análogos de El Niño

1982/1991/1997/2009/2015/2023

1983/1992/1998/2010/2016/2024

