



CEMADEN

**Centro Nacional de Monitoramento e
Alertas de Desastres Naturais**

Monitoramento e Previsões para a Bacia do rio Paraná

**28 de maio
2026**

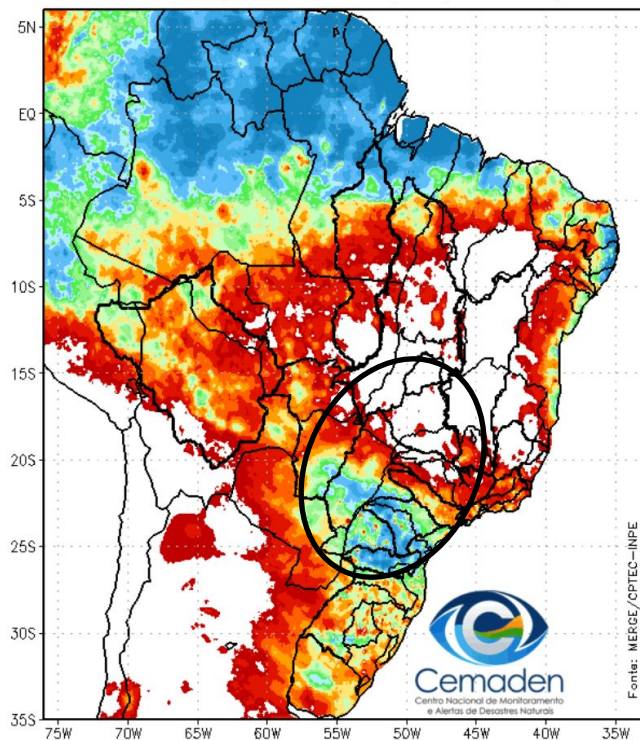


MINISTÉRIO DA
CIÊNCIA, TECNOLOGIA
E INOVAÇÃO

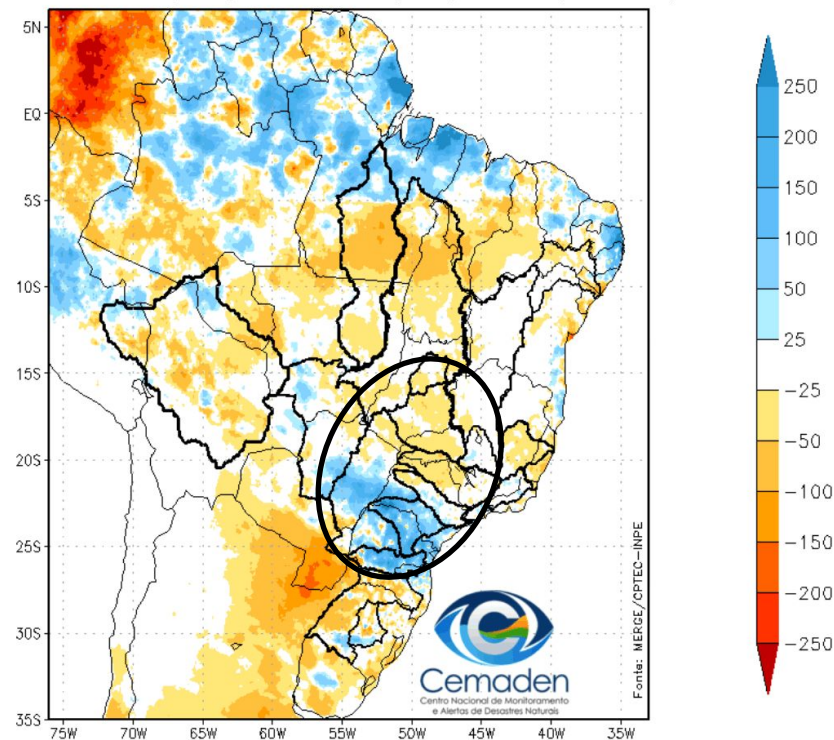


Precipitação acumulada nos últimos 30 dias

Precipitação Acumulada (mm) A.S.
Período: 27/04/2026 a 27/05/2026 (30 dias)

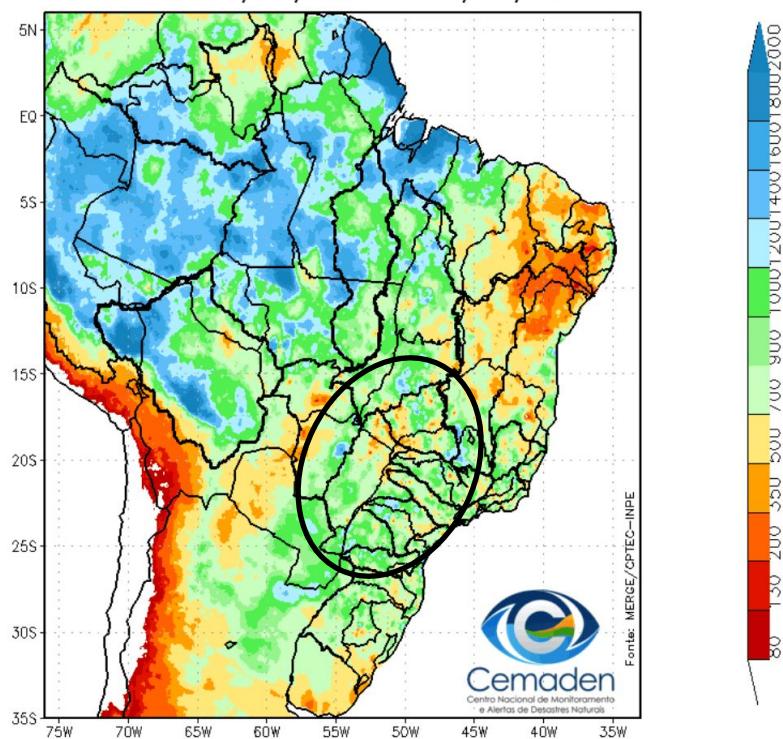


Anomalia de Precipitação (mm) A.S.
Período: 27/04/2026 a 27/05/2026 (30 dias)

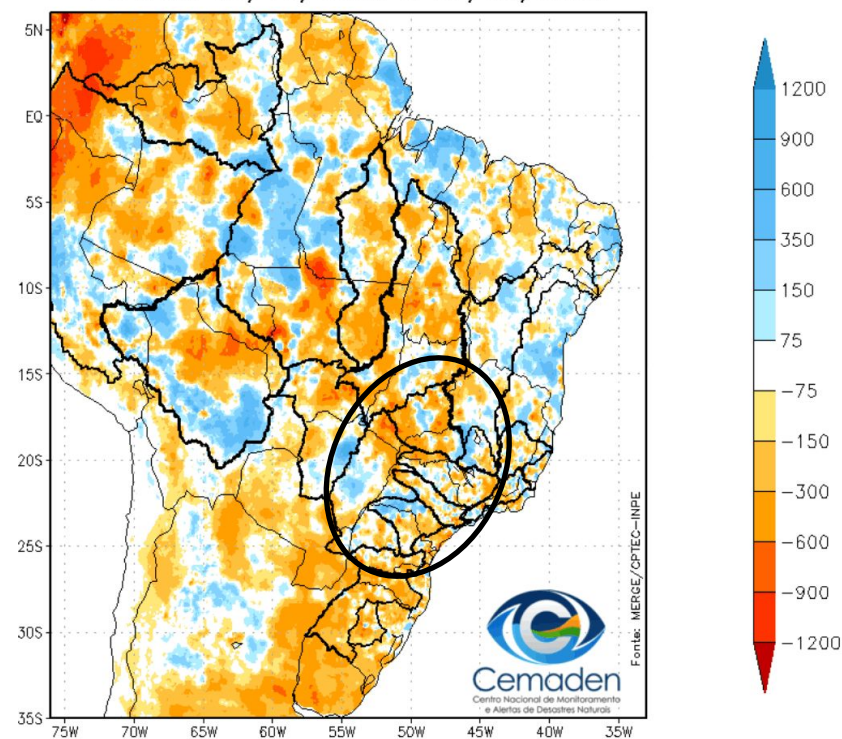


Precipitação acumulada: ano hidrológico

Precipitacao Acumulada (mm) Ano Hidrológico
Período: 01/10/2025 a 27/05/2026

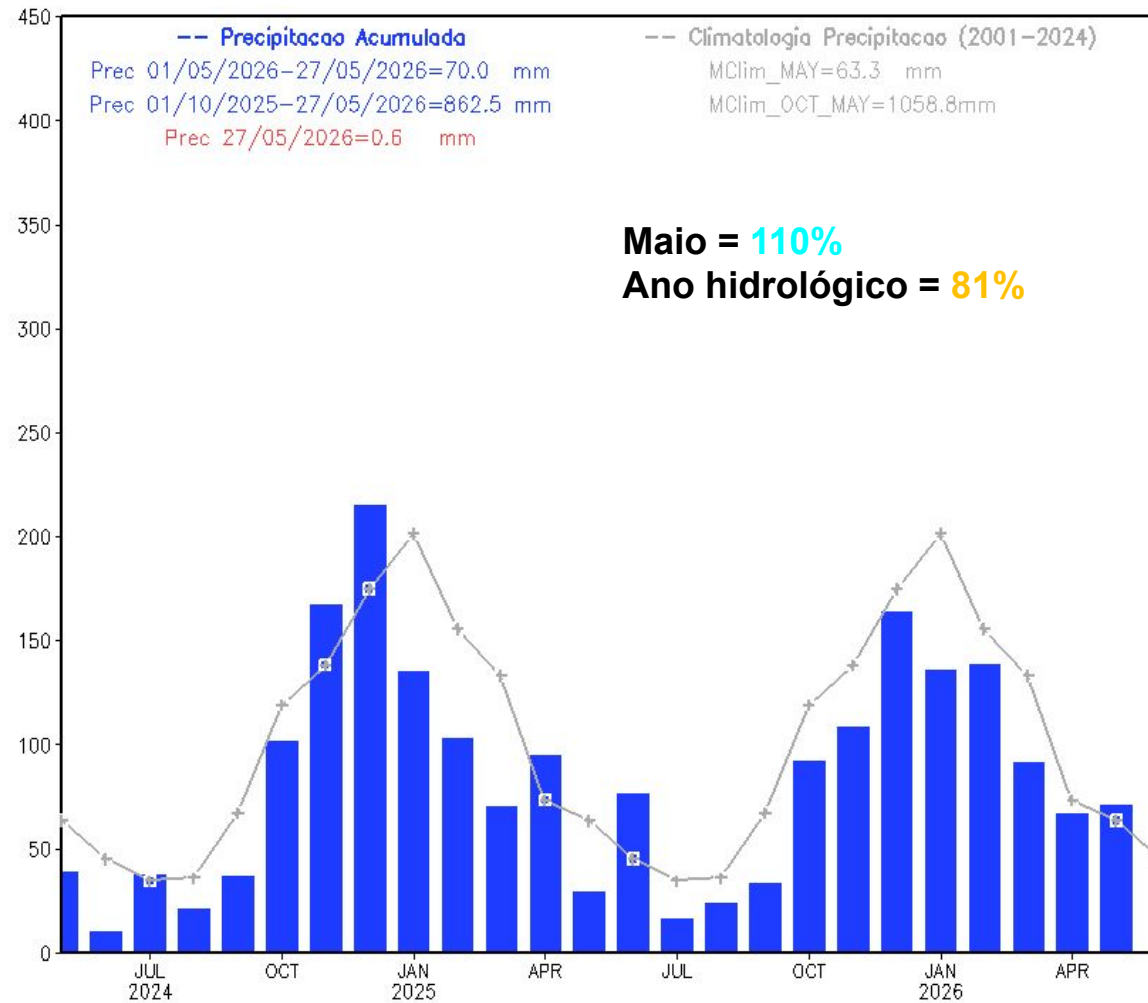


Anomalia de Precipitacao (mm) Ano Hidrológico
Período: 01/10/2025 a 27/05/2026



Precipitação acumulada nos últimos 24 meses

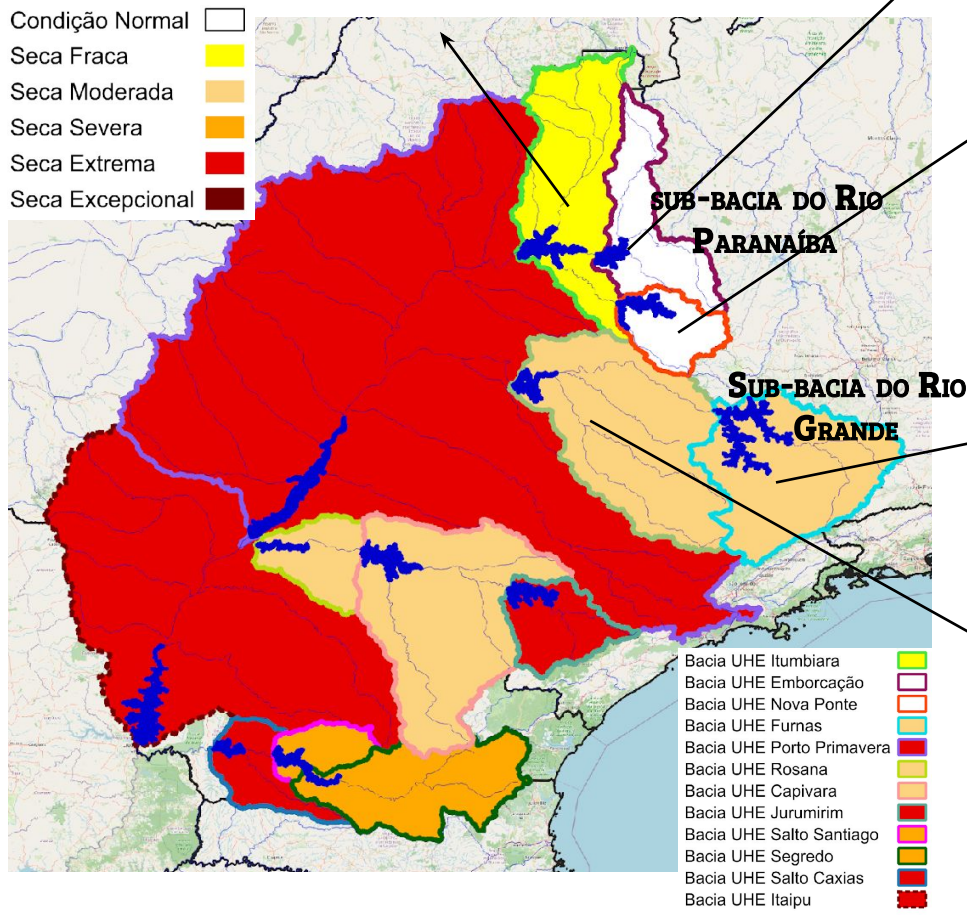
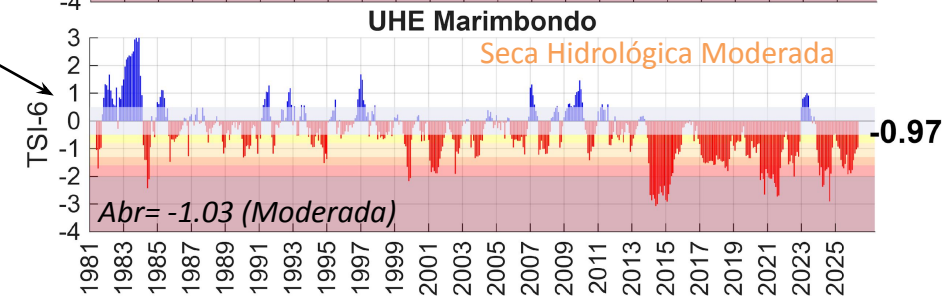
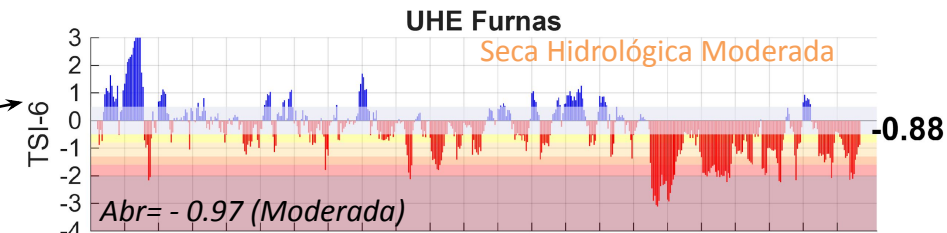
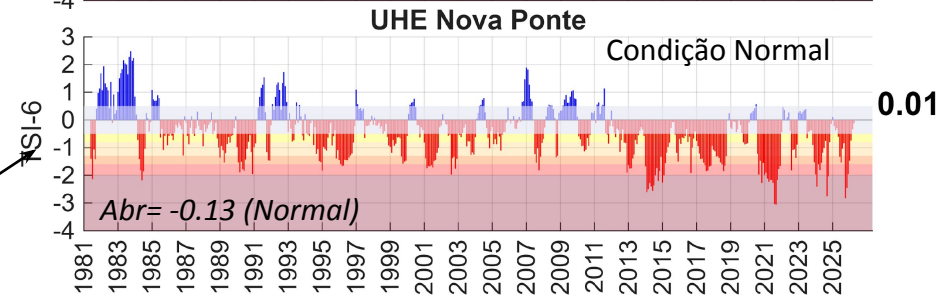
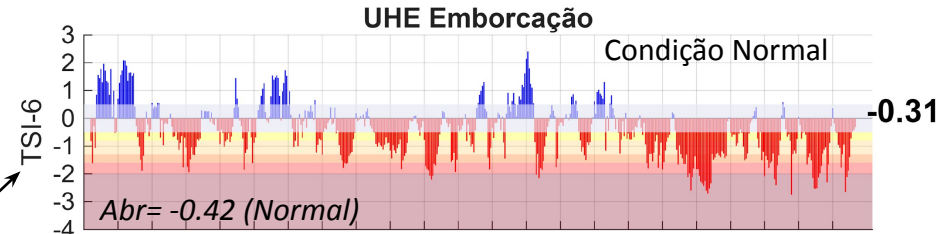
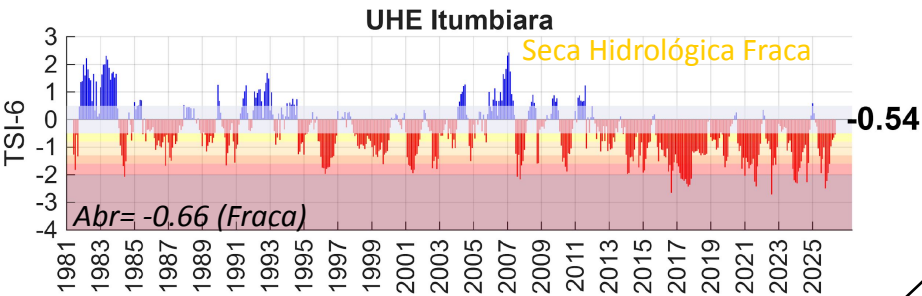
Precipitação Bacia do Rio Parana desde MAY 2024



CABECEIRA DO RIO PARANÁ

Índice de Seca Bivariado (Chuva-Vazão) – TSI 6

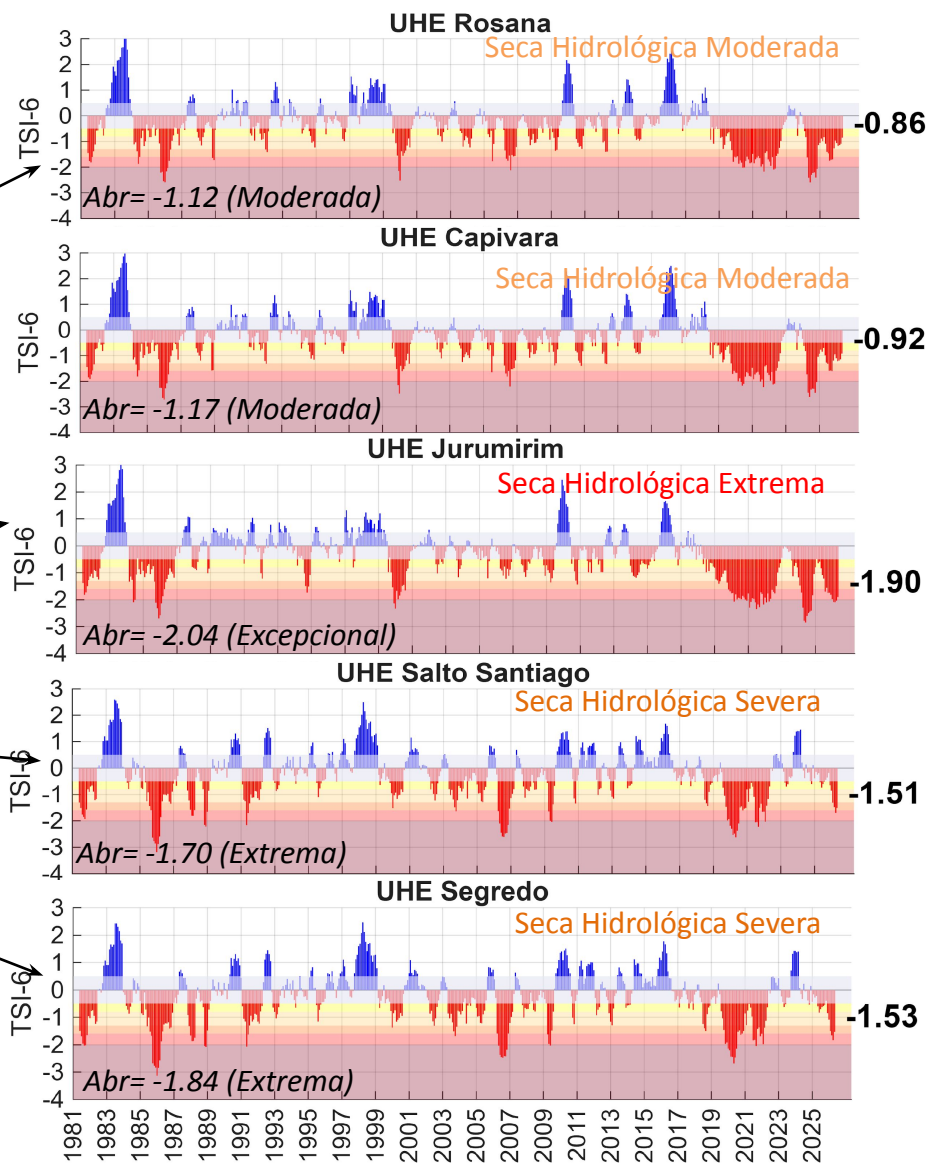
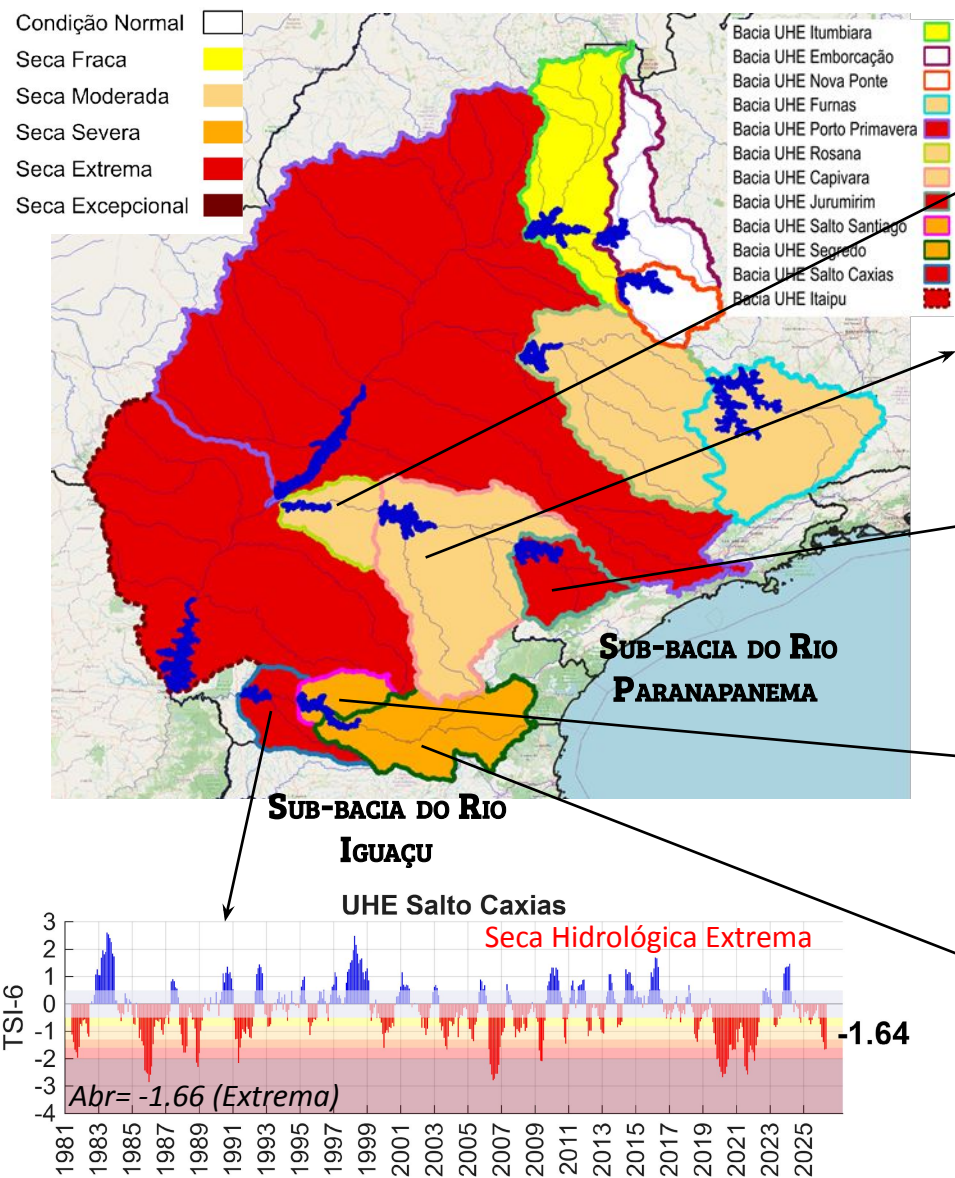
Maio/26- Parcial



BACIAS PARANAPANEMA E IGUAÇU

Índice de Seca Bivariado (Chuva-Vazão) – TSI 6

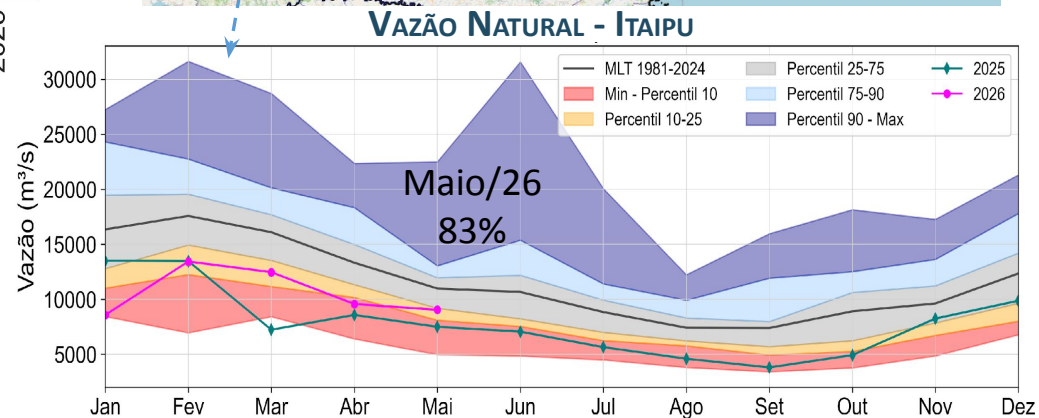
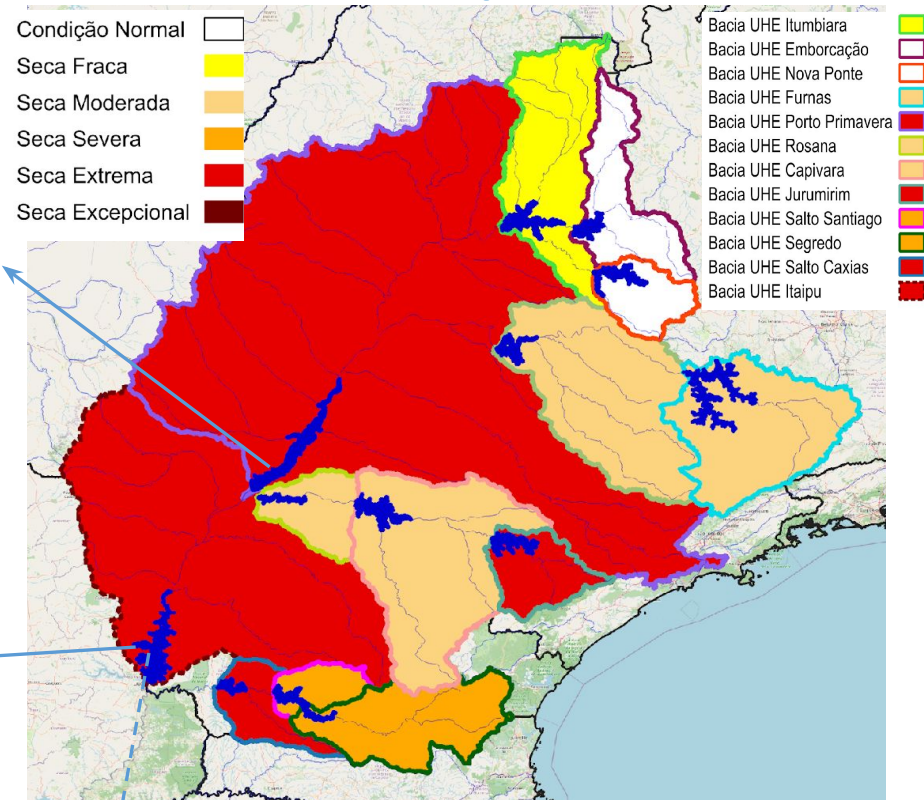
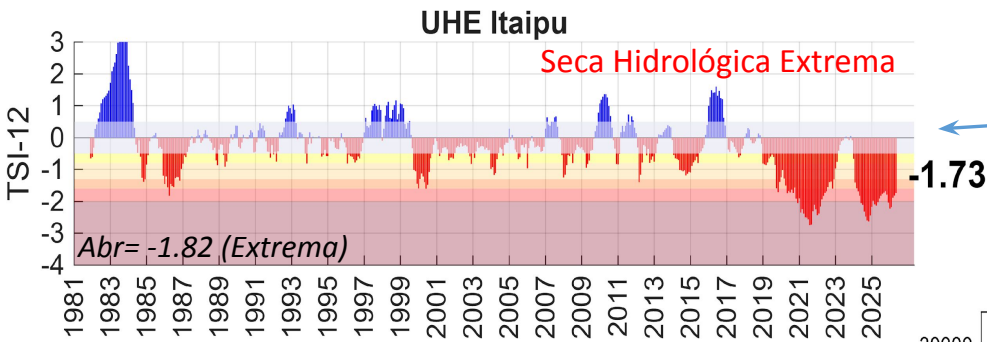
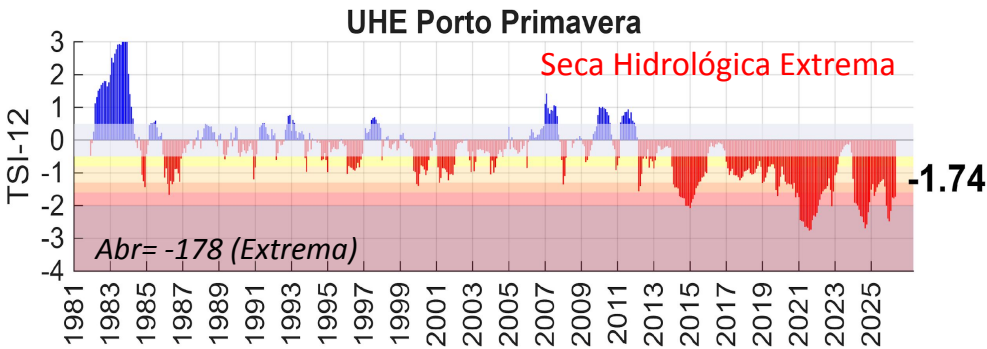
Maio/26 - Parcial



MÉDIO E BAIXO PARANÁ

Índice de Seca Bivariado (Chuva-Vazão) – TSI 12

Maio/26- Parcial

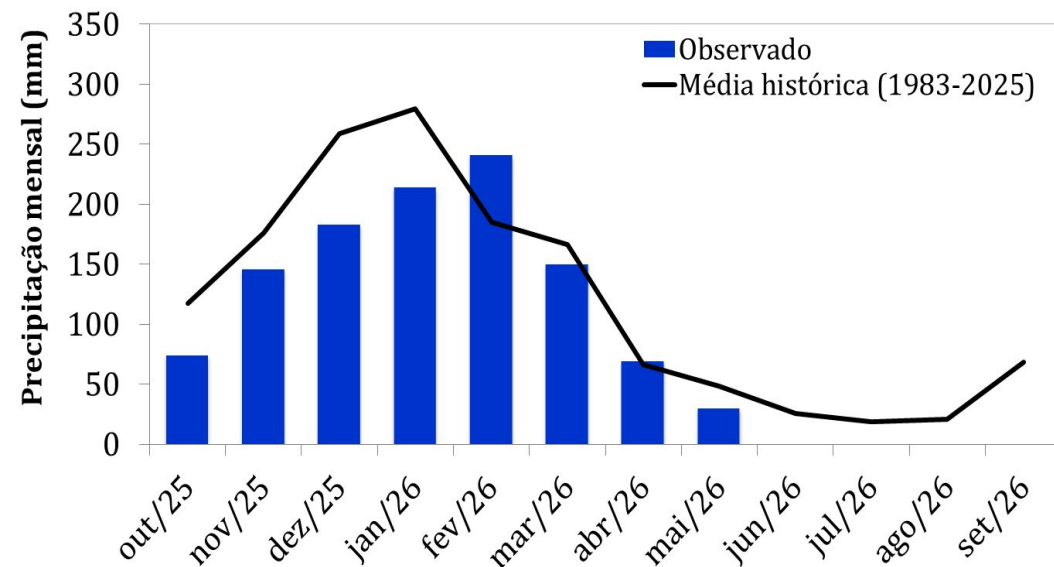


Fonte: CEMADEN/MCTI

Dados: Precipitação (CHIRPS) e Vazão (ONS e ANA)

Período: Jan/1981 – Maio/2026

Monitoramento UHE Furnas



Precipitação

Estação Chuvosa - Out a Mar – 1184 mm

2024/2025: 1148 mm (**97% da MLT**)

2025/2026: 1007 mm (**85% da MLT**)

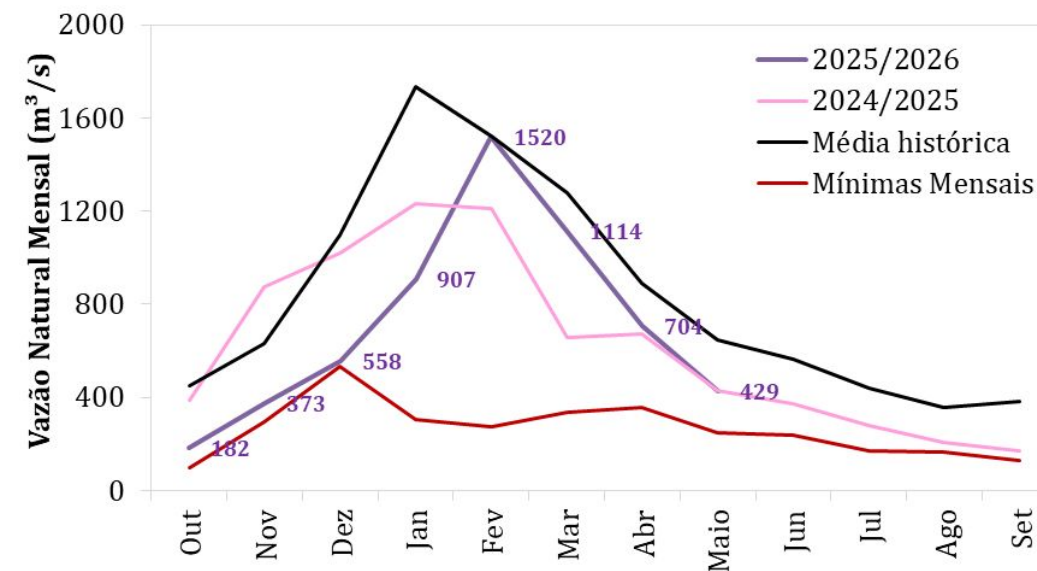
Estação Seca - Abr a Set – 248 mm

2025: 193 mm (**78% da MLT**)

2026: 99 mm (**134% da MLT Parcial**)

Maio/2026*: 29 mm (**61% da MLT**)

*Até 25/05/2026



Vazão

Estação Chuvosa - Out a Mar – 1120 m³/s

2024/2025: 897 m³/s (**80% da MLT**)

2025/2026: 776 m³/s (**69% da MLT**)

Estação Seca - Abr a Set – 546 m³/s

2025: 356 m³/s (**65% da MLT**)

2026: 567 m³/s (**104% da MLT**)

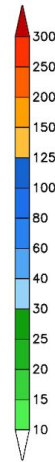
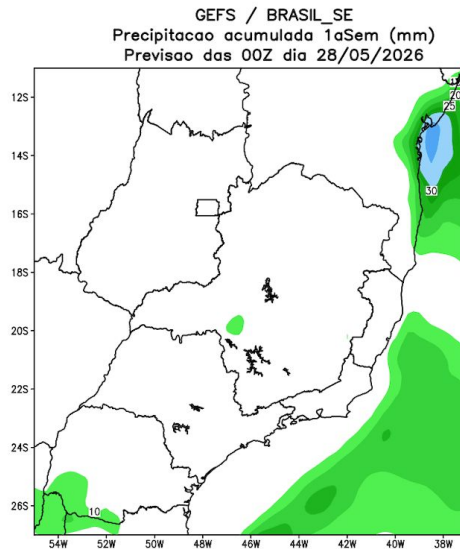
Maio/26**: 429 m³/s (**67% da MLT**)

25/Maio/26: 453 m³/s (**70% da MLT**)

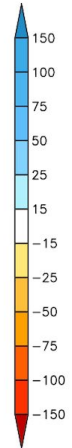
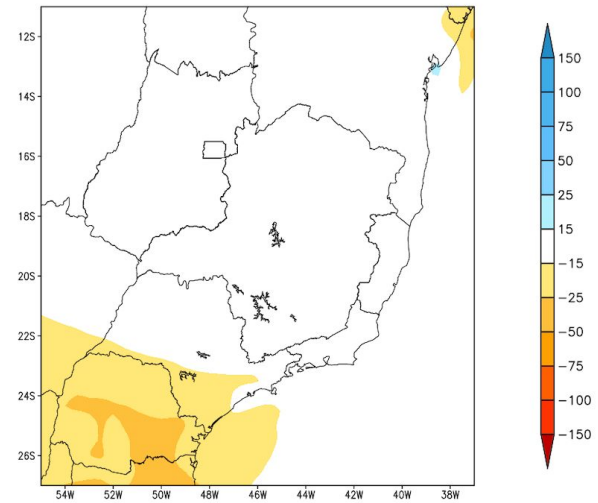
**Até 25/05/2026

Acumulado para as duas próximas semanas

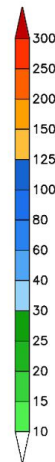
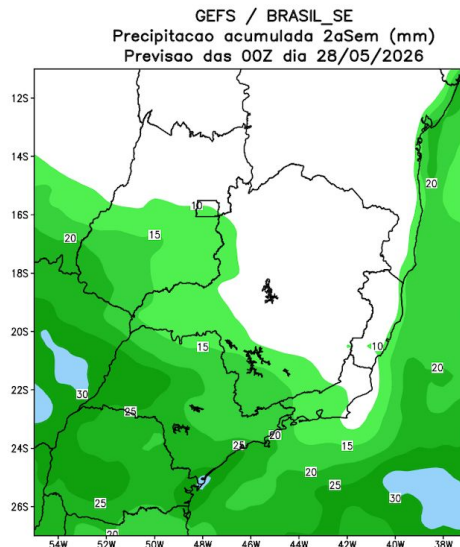
Semana 1



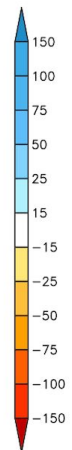
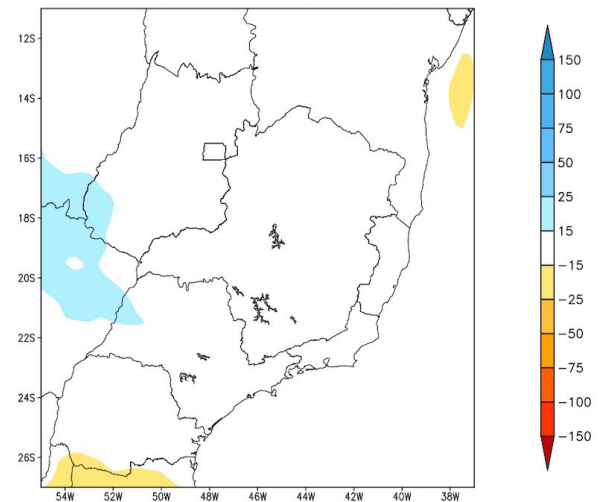
Anomalia de Precipitacao BR_SE (mm)
Periodo: 2026052800 a 2026060400



Semana 2

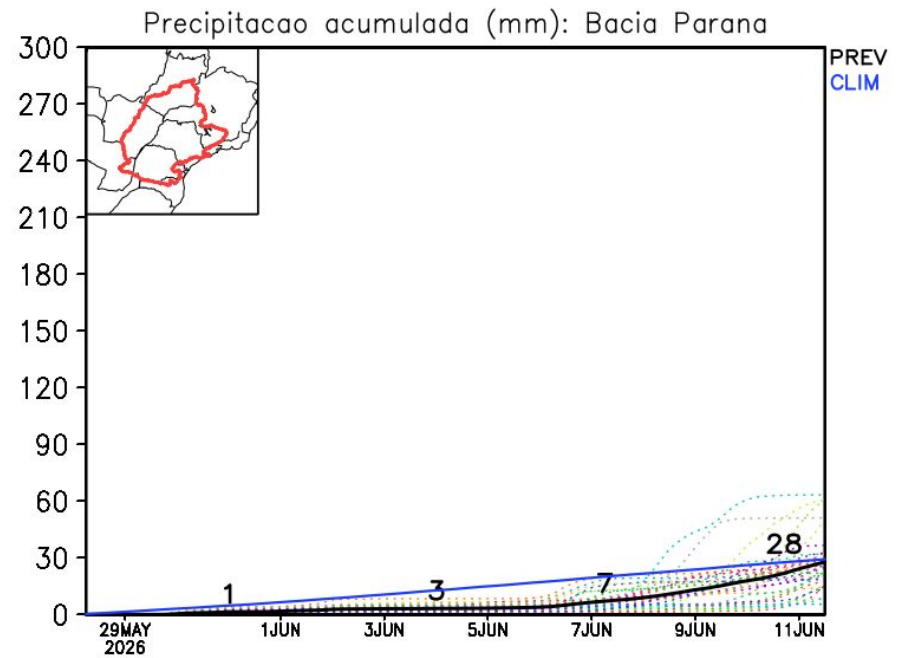
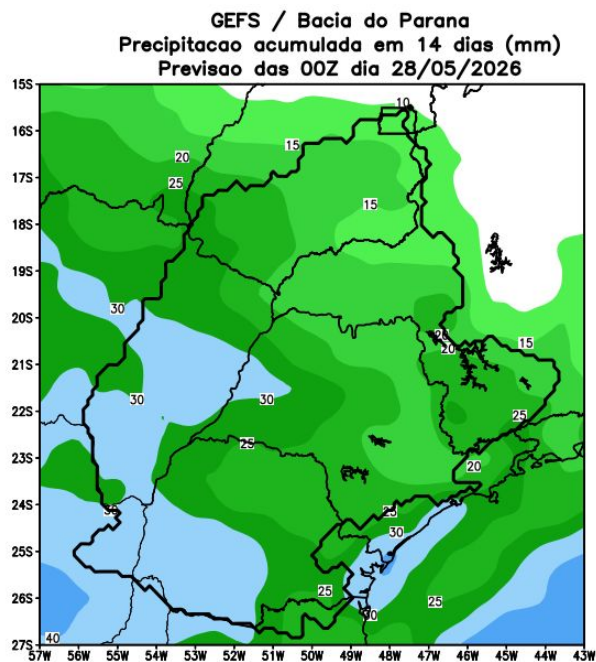


Anomalia de Precipitacao BR_SE (mm)
Periodo: 2026060500 a 2026061100



Fonte: GEFS/NOAA

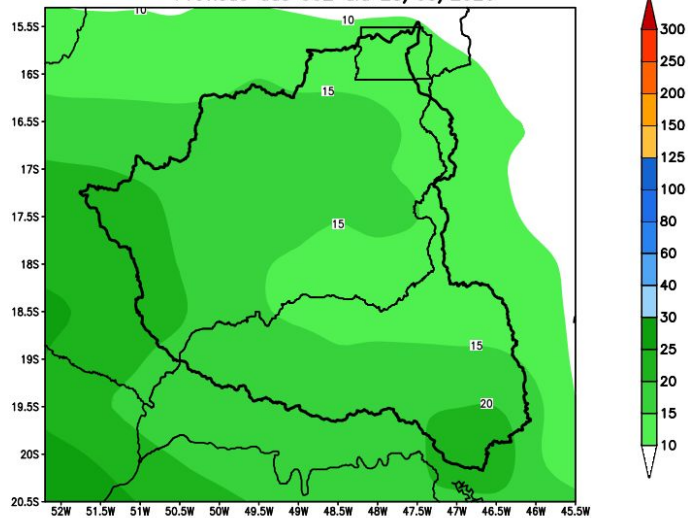
Previsão de chuva para os próximos 14 dias



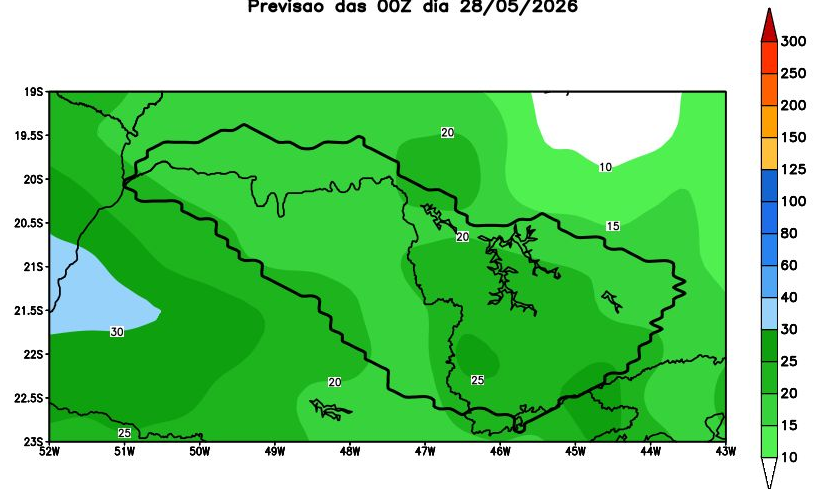
Fonte: GEFS/NOAA

Bacia do rios Paranaíba e Grande

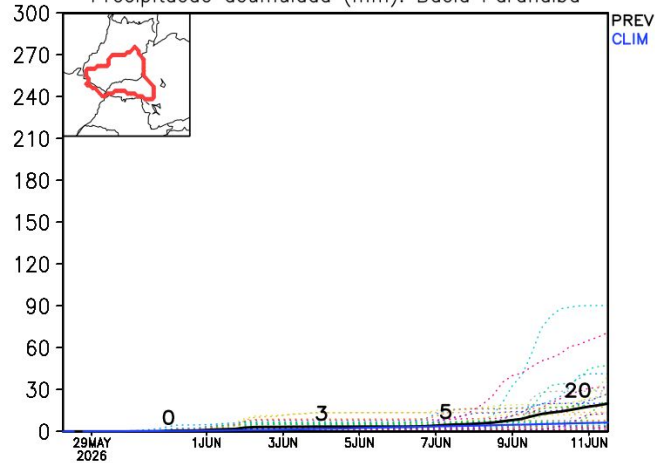
GEFS / Bacia do Rio Paranaíba
Precipitação acumulada em 14 dias (mm)
Previsão das 00Z dia 28/05/2026



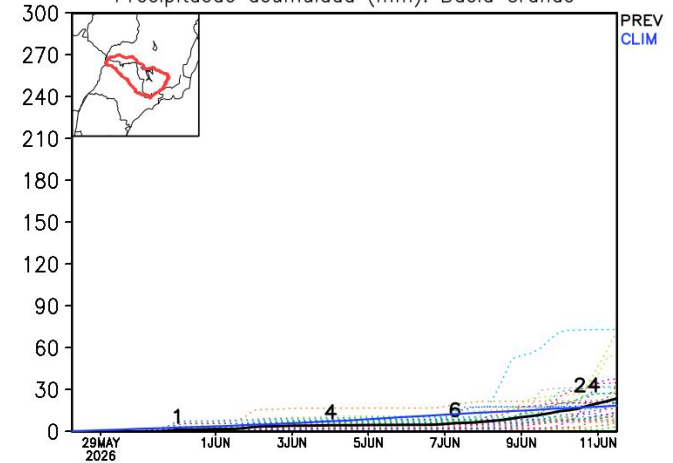
GEFS / Bacia do Rio Grande
Precipitação acumulada em 14 dias (mm)
Previsão das 00Z dia 28/05/2026



Precipitação acumulada (mm): Bacia Paranaíba

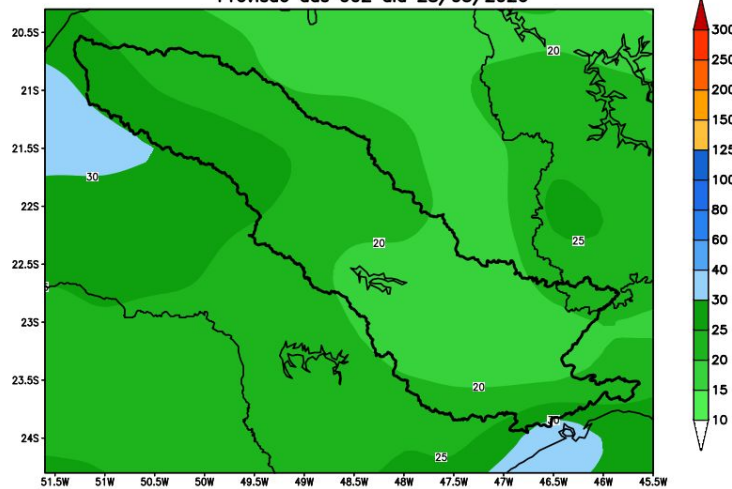


Precipitação acumulada (mm): Bacia Grande

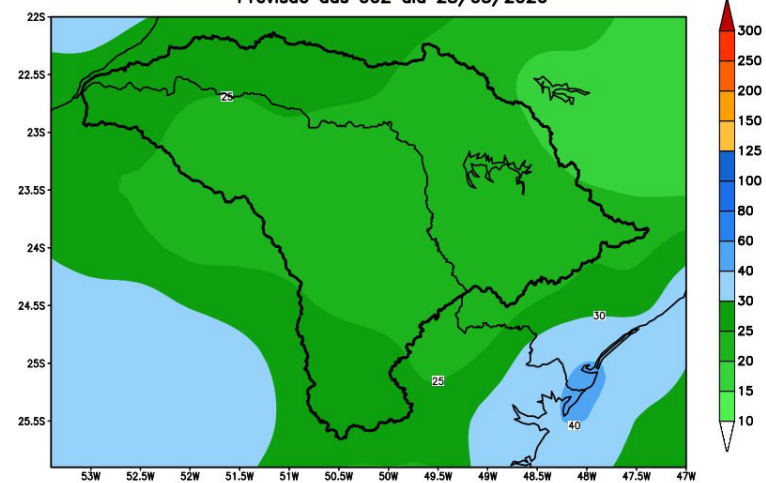


Bacia do rios Tietê e Paranapanema

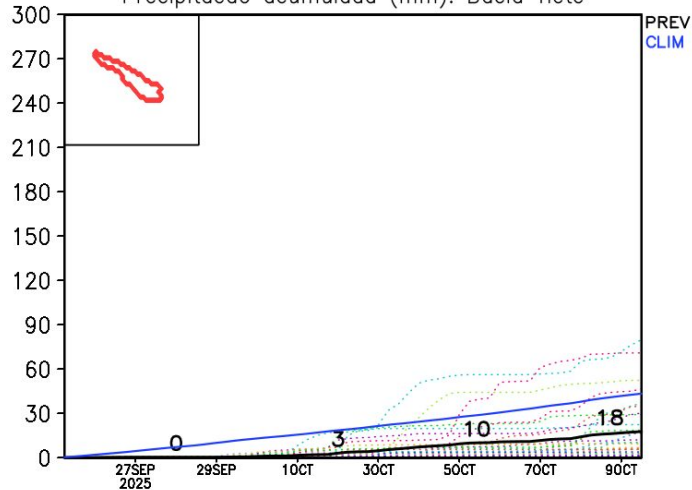
GEFS / Bacia do Rio Tiete
Precipitacao acumulada em 14 dias (mm)
Previsao das 00Z dia 28/05/2026



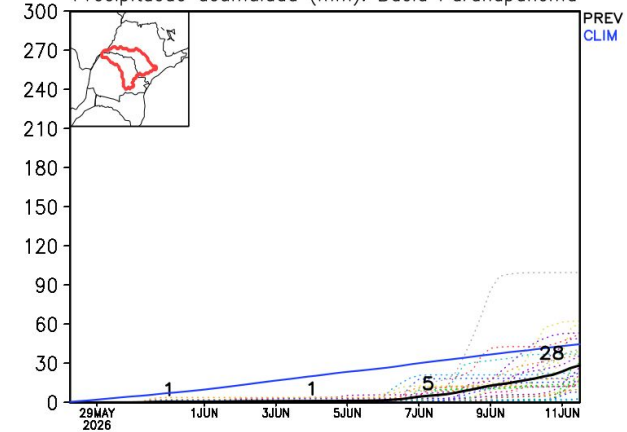
GEFS / Bacia do Rio Paranapanema
Precipitacao acumulada em 14 dias (mm)
Previsao das 00Z dia 28/05/2026



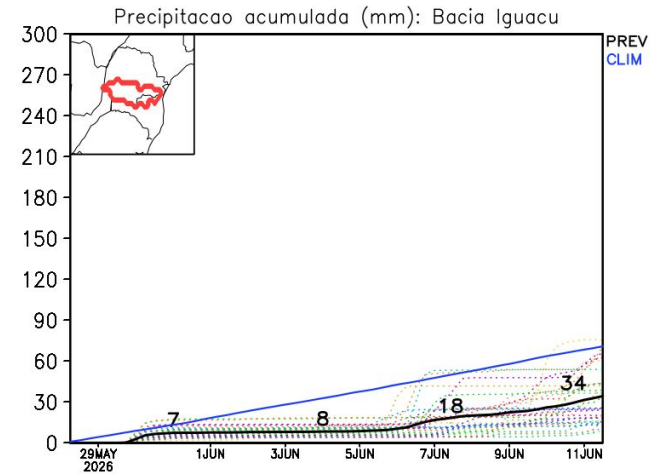
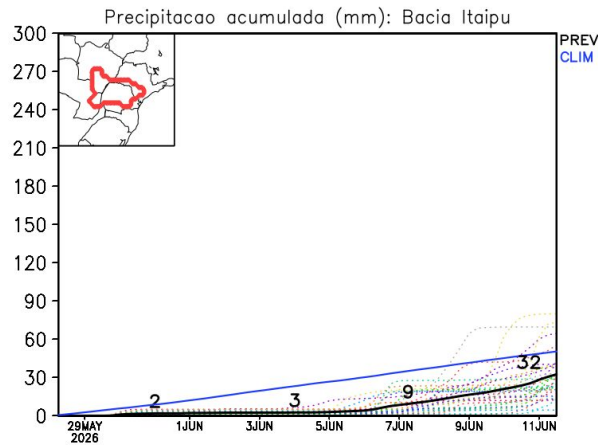
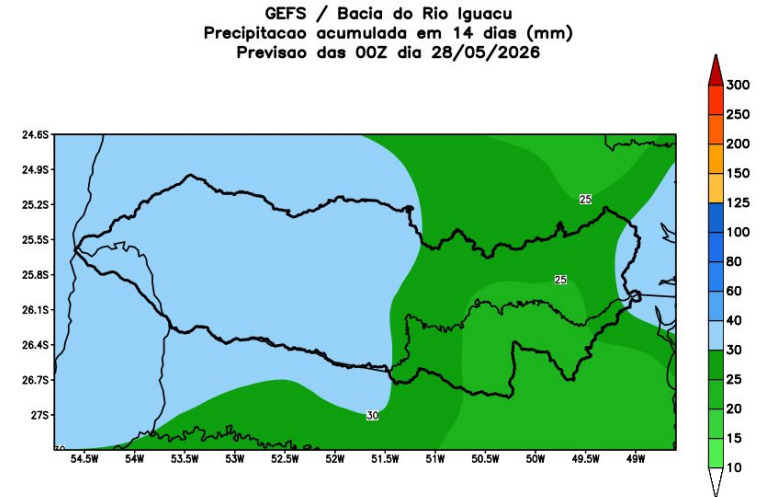
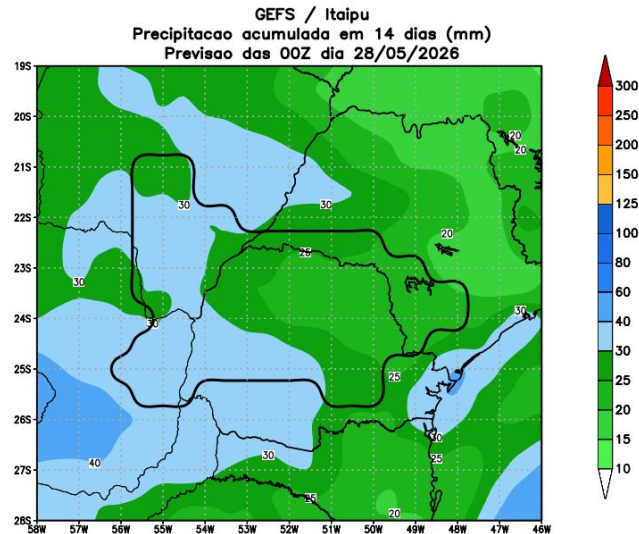
Precipitacao acumulada (mm): Bacia Tiete



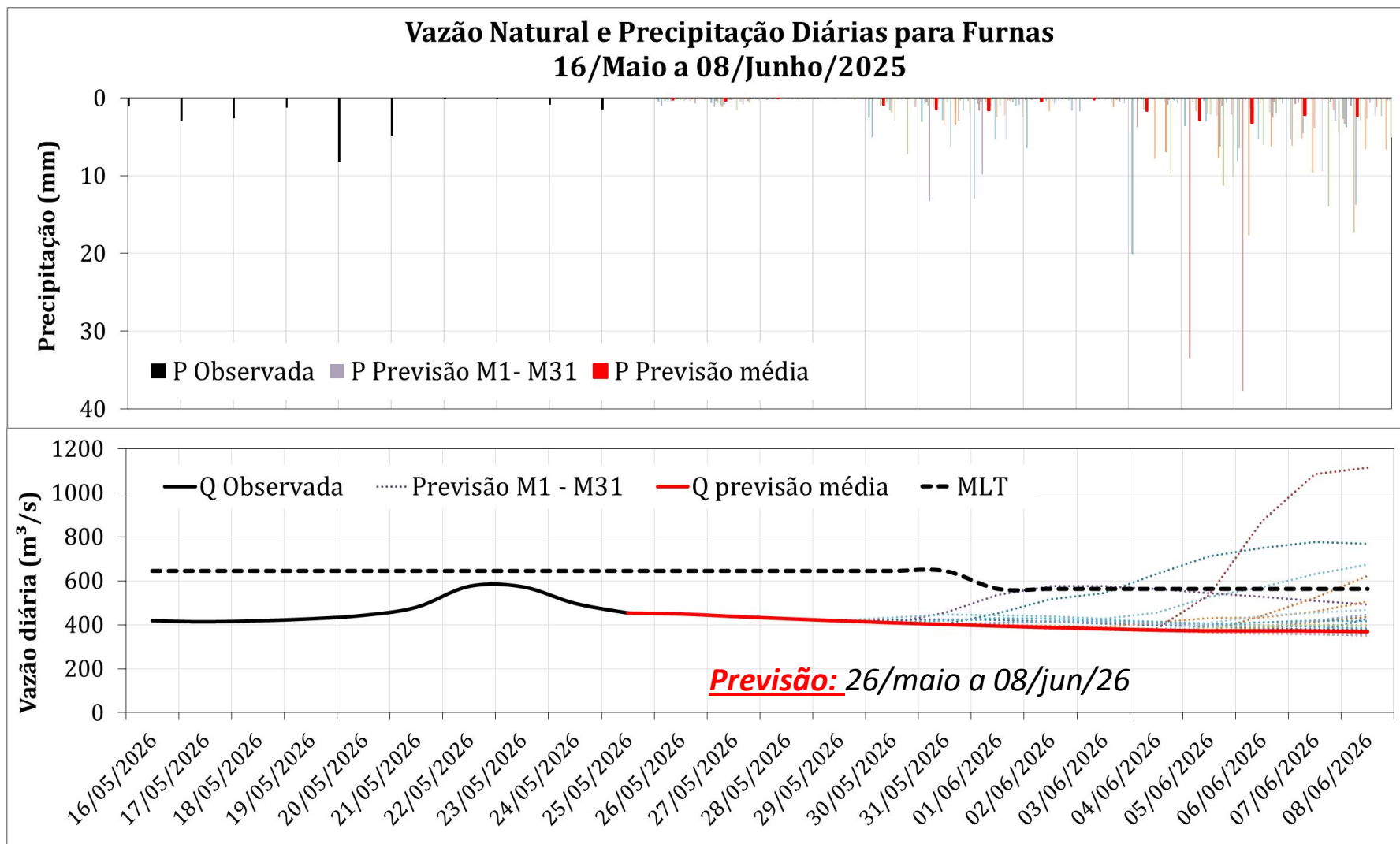
Precipitacao acumulada (mm): Bacia Paranapanema



Bacia do Itaipu e Iguaçu



Furnas: Previsão de Vazão para próximos 14 dias (modelo hidrológico PDM-CEMADEN)



Previsão média para os
próximos 14 dias: **398 m³/s**

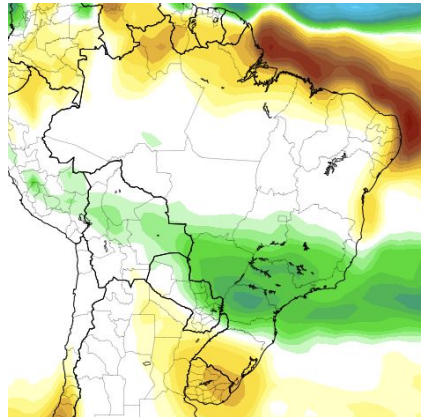


62% MLT Maio
71% MLT Junho

Anomalia de Chuva

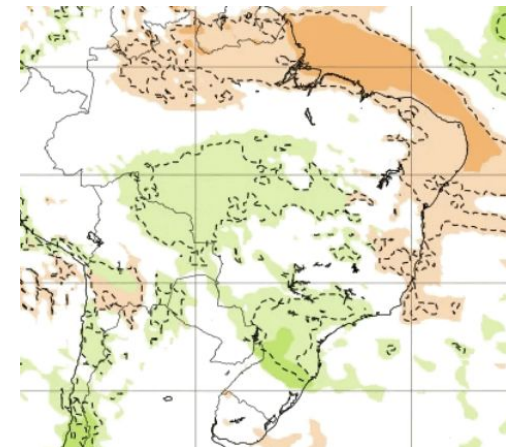
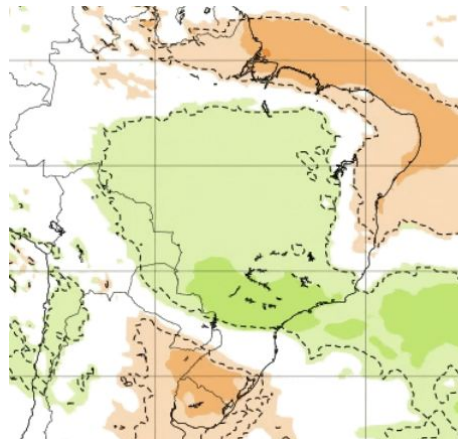
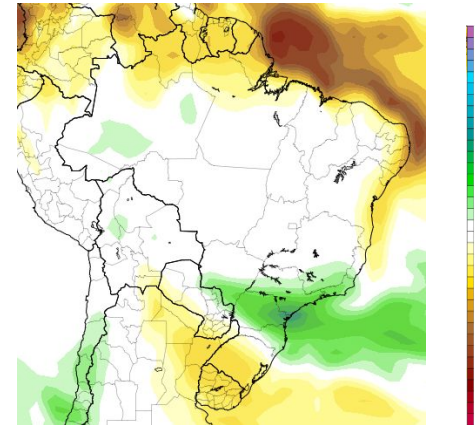
3a e 4a semanas

11-17 junho



Americano
CFS/NOAA

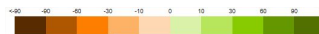
18-24 Outubro



Europeu
ECMWF

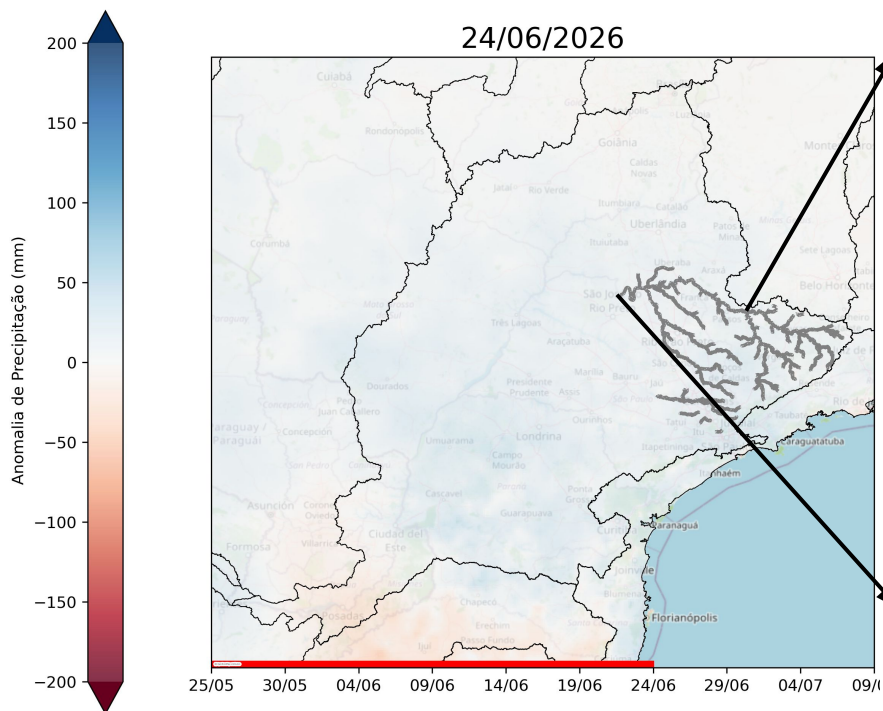
15-21 junho

22-28 junho

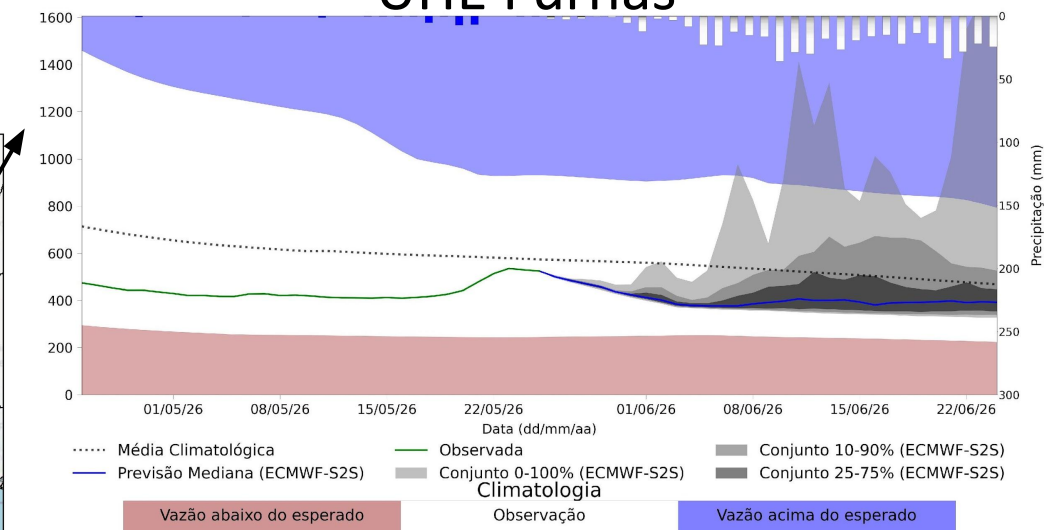


Previsão de vazão natural na Bacia do Rio Grande

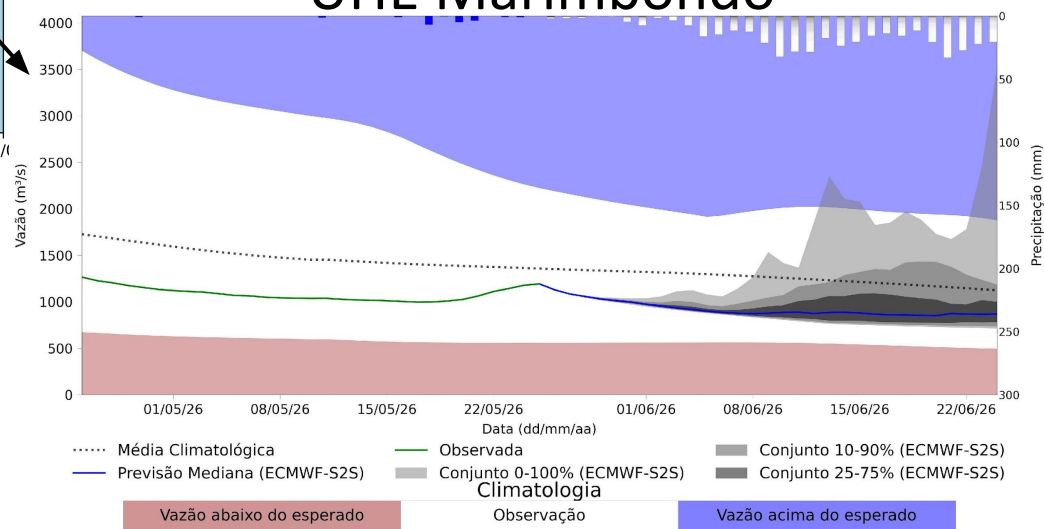
PREVISÃO: 25/05/26 a 24/06/26



UHE Furnas



UHE Marimbondo



Fonte: Meteorologia (INMET/MERGE); Vazão (ANA/ONS)

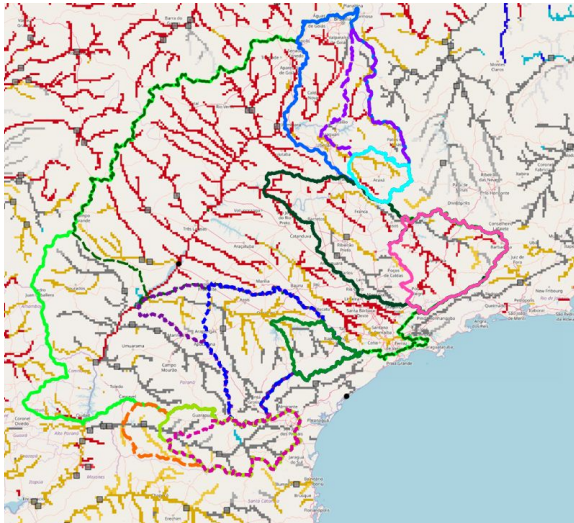
MLT: 1993-2024

Previsão Meteorológica: ECMWF-S2S

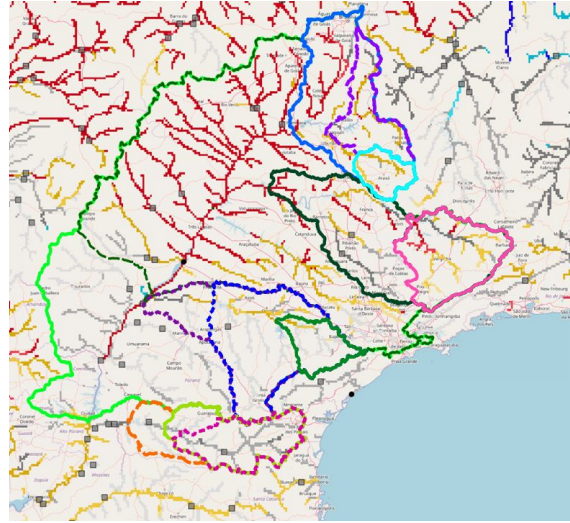
Previsão Sub-sazonal (45 dias) de vazões naturais para a Bacia do Rio Paraná (GloFAS)

Previsão: 02/06/2026 – 06/07/2026

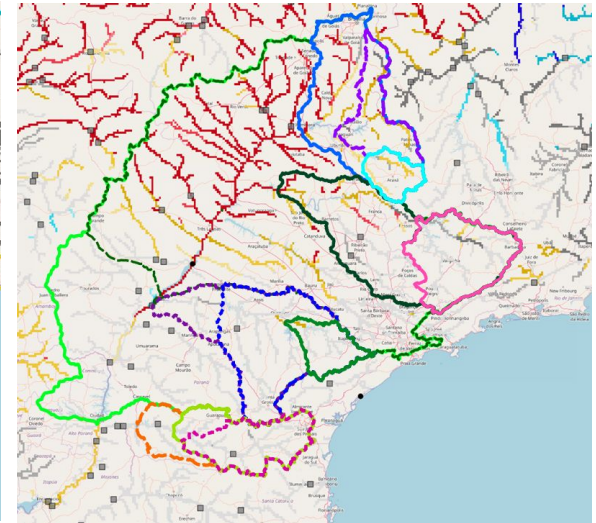
02/06/2026-08/06/2026



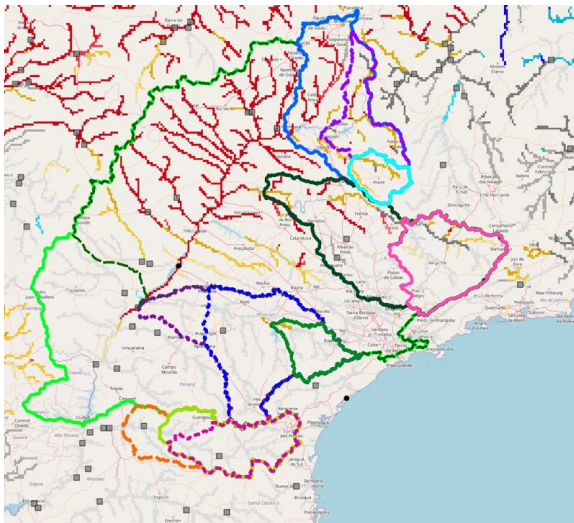
09/06/2026-15/06/2026



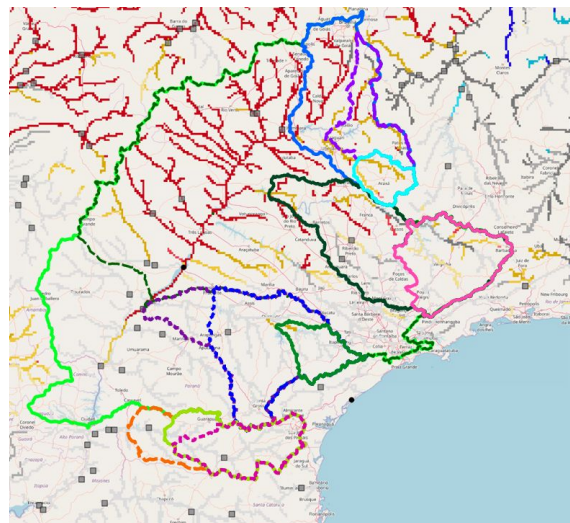
16/06/2026-22/06/2026



23/06/2026-29/06/2026



30/06/2026-06/07/2026



- Bacia UHE Jurumirim
- Bacia UHE Nova Ponte
- Bacia UHE Furnas
- Bacia UHE Segredo
- Bacia UHE Marimbondo
- Bacia UHE Emborcação
- Bacia UHE Salto Santiago
- Bacia UHE Capivara
- Bacia UHE Salto Caxias
- Bacia UHE Rosana
- Bacia UHE Itumbiara
- Bacia UHE Porto Primavera
- Bacia UHE Itaipu

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)

Fonte: Previsão Meteorológica: ECMWF

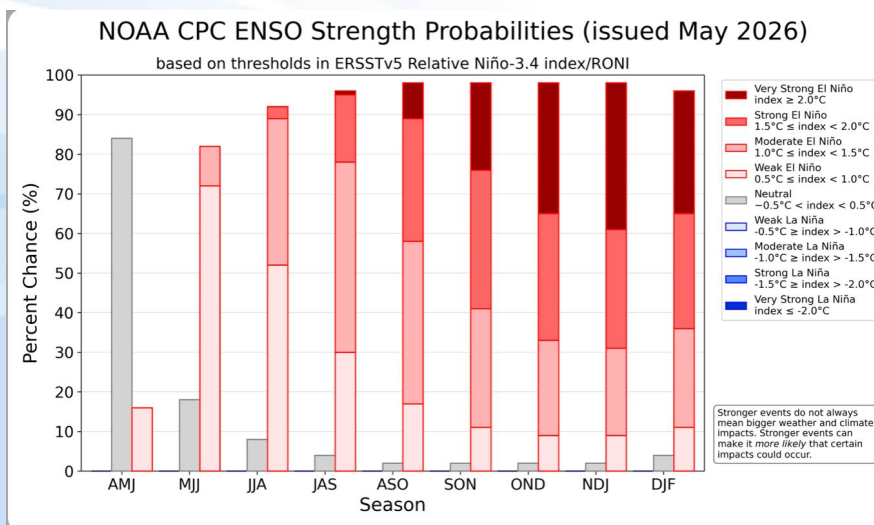
Previsão de vazão: Lisflood/GloFAS Forecast

<https://www.globalfloods.eu/glofas-forecasting/>



Previsão do “El Niño / La Niña”

Previsão do “ENSO”

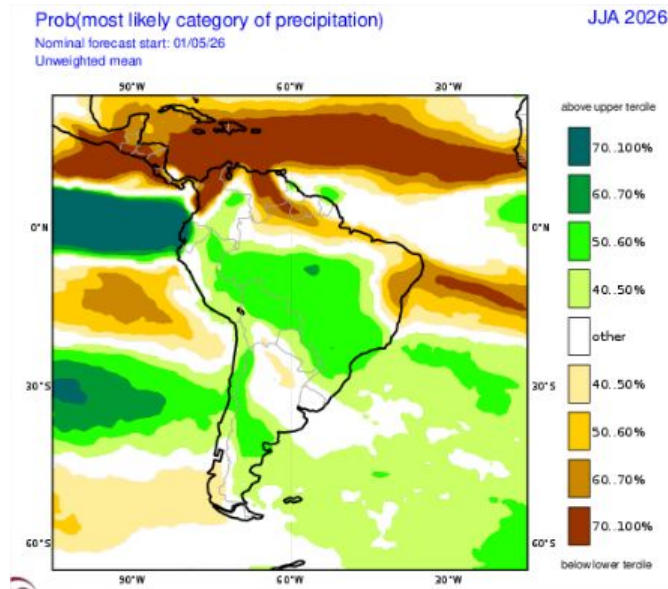


Mais de 80% de chance de El Niño já no trimestre maio-junho-julho

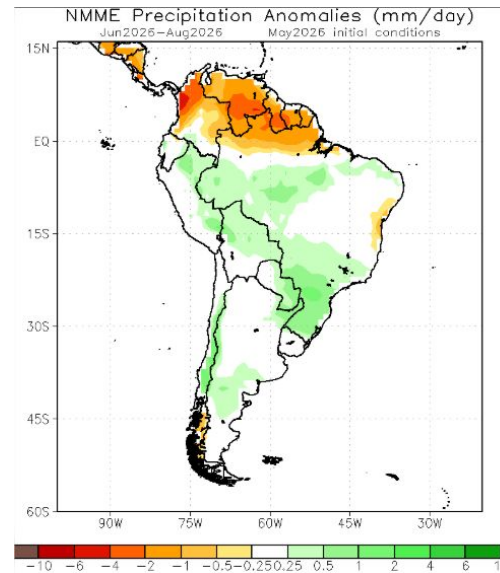
Verão 2026/27:
37% muito forte
30% forte
22% moderado

Previsão Sazonal de Chuva Multi-Modelo

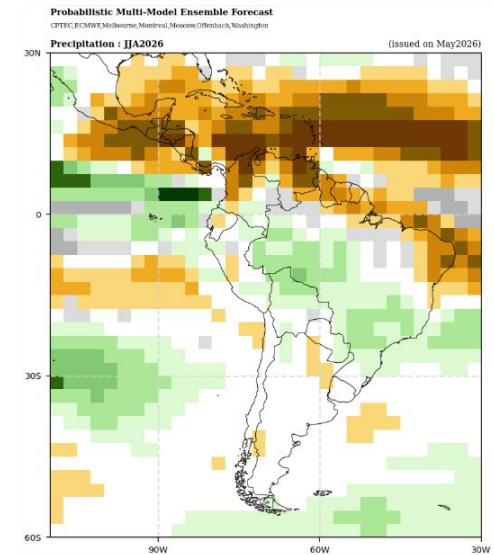
Junho-Julho-Agosto



Modelos
“Europeus”

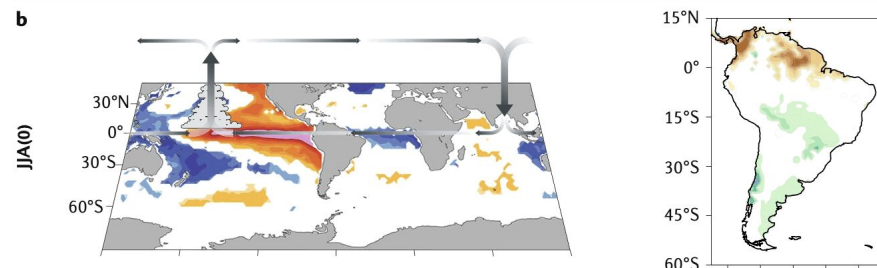


Modelos
Americanos



Modelos
Internacionais
WMO

El Niño: anomalias de chuva
típicas de Junho-Julho-Agosto



Cai, Wenju et al., 2020 - <https://doi.org/10.1038/s43017-020-0040-3>

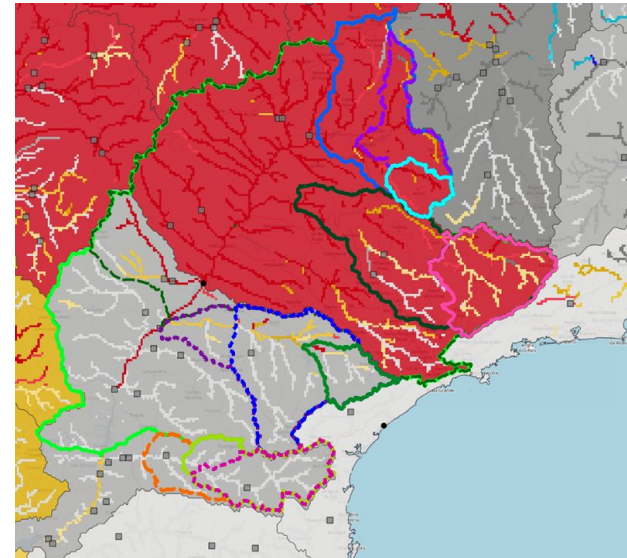
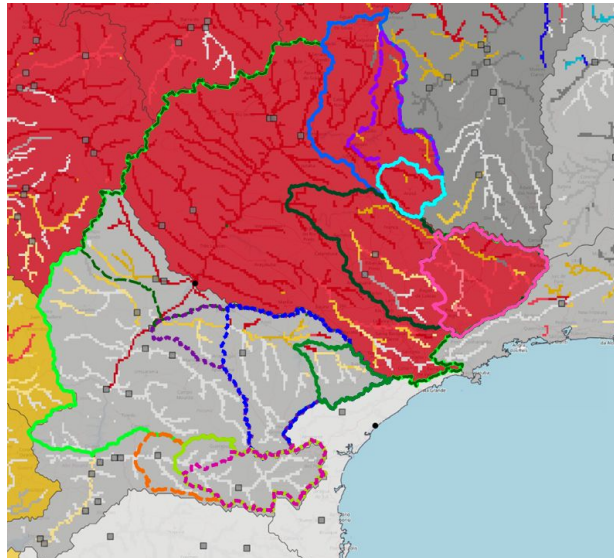
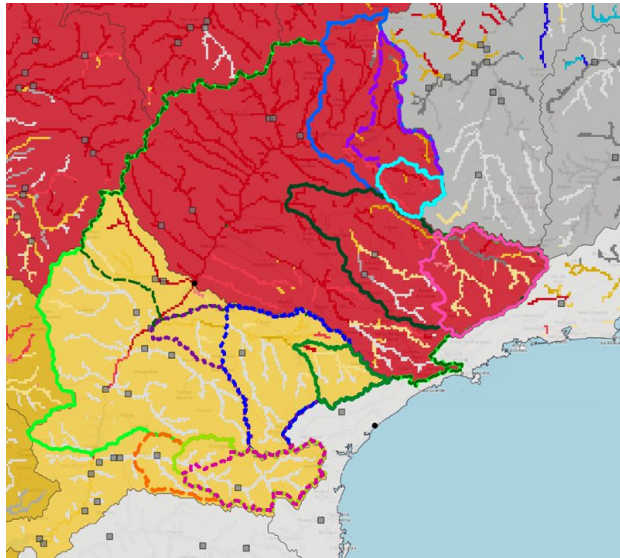
Previsão Sazonal (JJA) de vazões naturais para a Bacia do Rio Paraná (GloFAS)

Previsão: Junho-Julho-Agosto (JJA) de 2026

Junho

Julho

Agosto



- Bacia UHE Jurumirim
- Bacia UHE Nova Ponte
- Bacia UHE Furnas
- Bacia UHE Segredo
- Bacia UHE Marimbondo
- Bacia UHE Emborcação
- Bacia UHE Salto Santiago
- Bacia UHE Capivara
- Bacia UHE Salto Caxias
- Bacia UHE Rosana
- Bacia UHE Itumbiara
- Bacia UHE Porto Primavera
- Bacia UHE Itaipu

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)

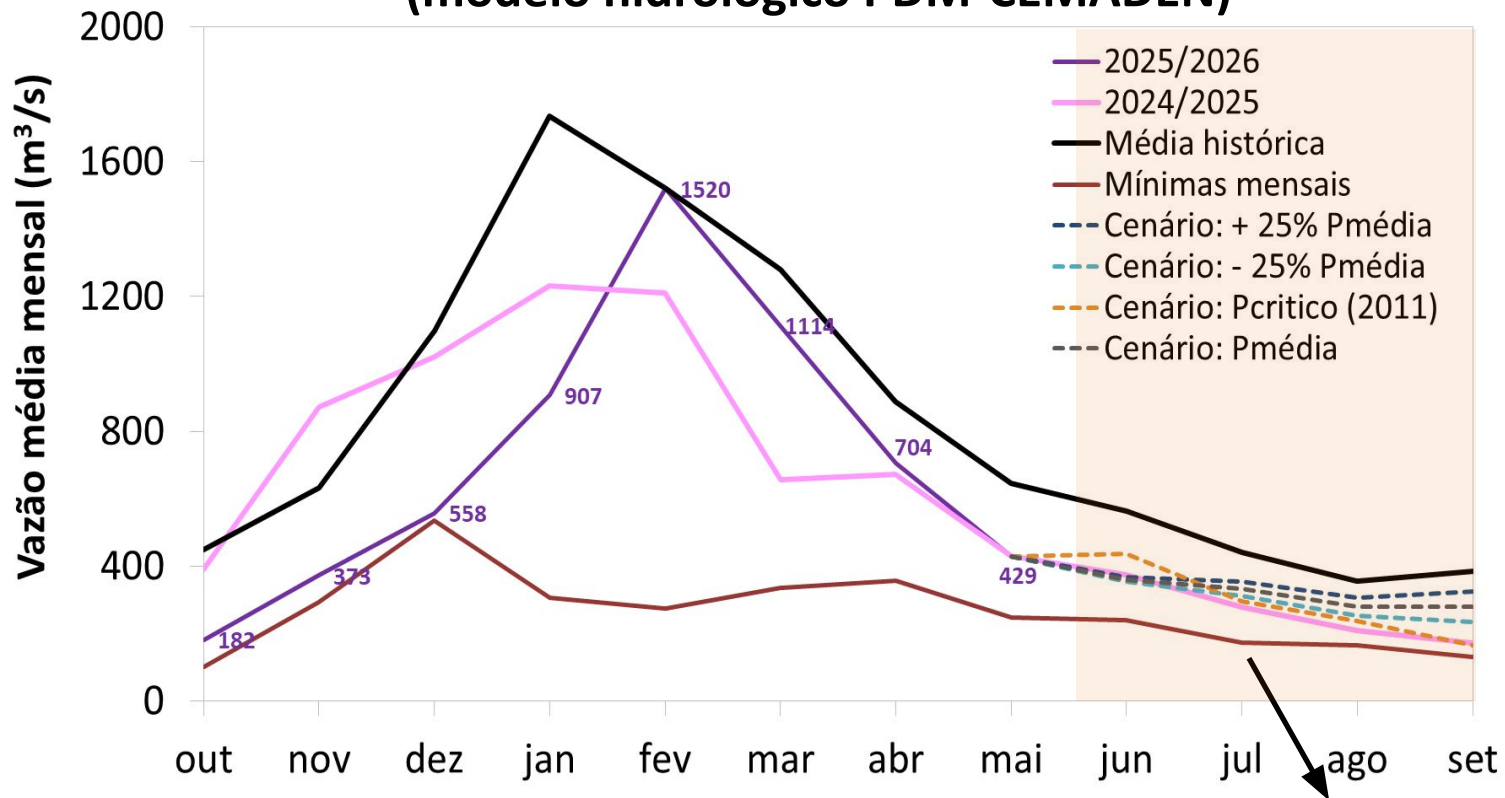
Fonte: Previsão Meteorológica: ECMWF

Previsão de vazão: Lisflood/GloFAS Forecast

<https://www.globalfloods.eu/glofas-forecasting/>



Furnas: Projeção de Vazão (modelo hidrológico PDM-CEMADEN)



Jun-Set (Meses Secos)

MLT: 436 m³/s

Vazão	%
337 m³/s	MLT 77%
313 m³/s	72%
288 m³/s	66%
283 m³/s	65%