



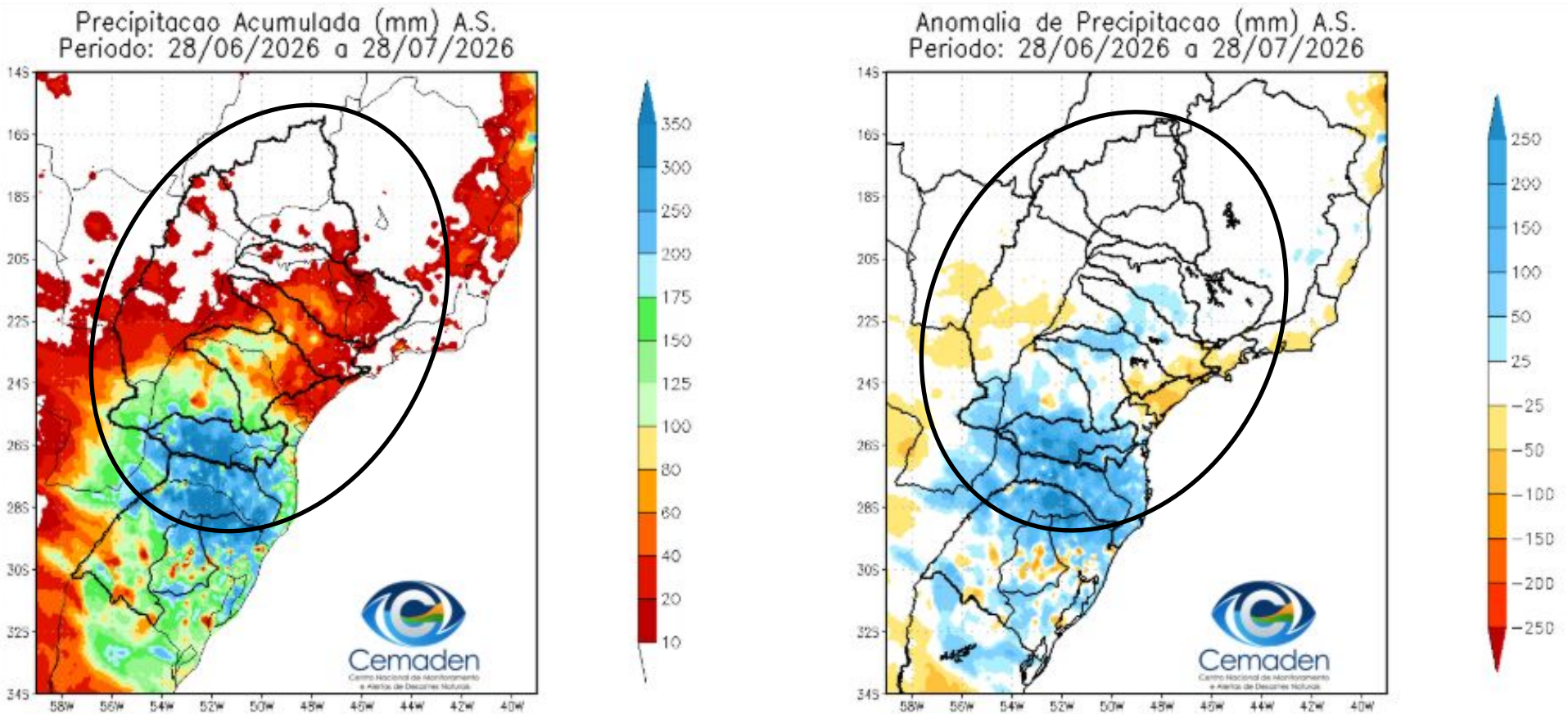
**Centro Nacional de Monitoramento e
Alertas de Desastres Naturais**

Monitoramento e Previsões para a Bacia do rio Paraná

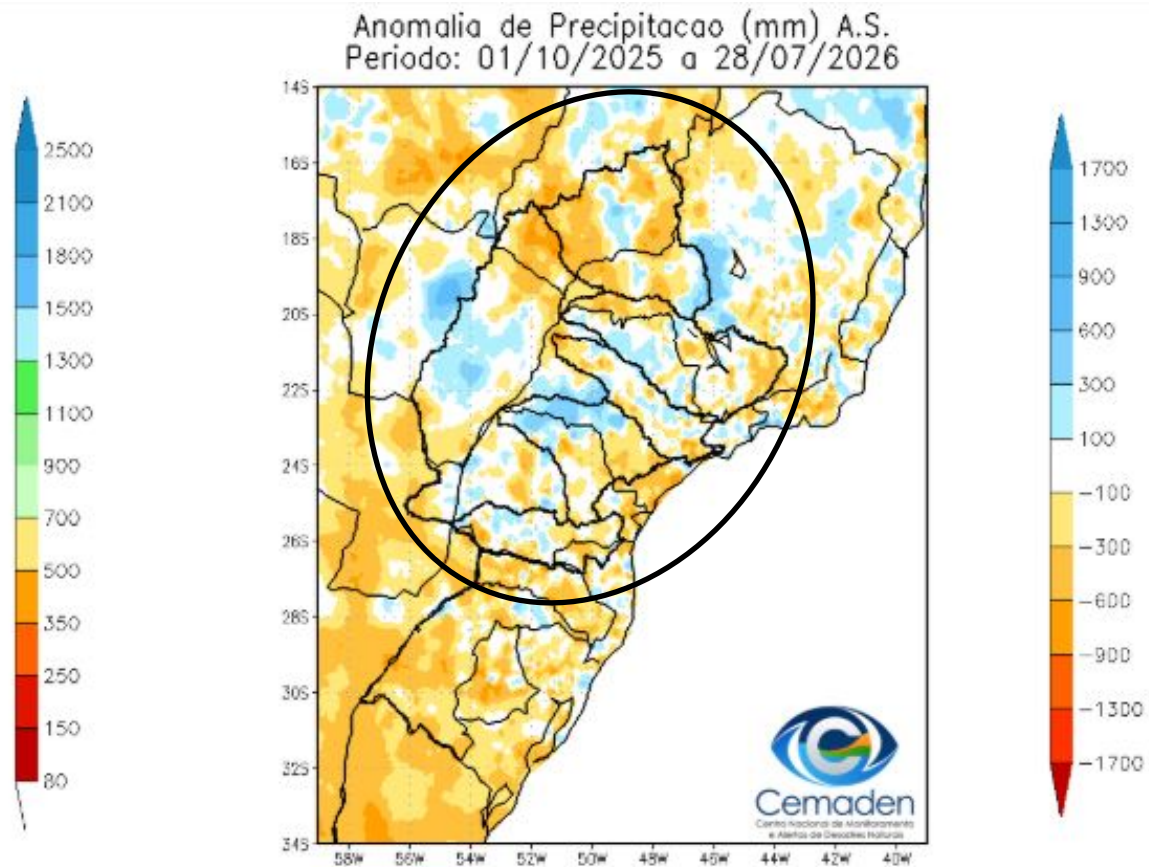
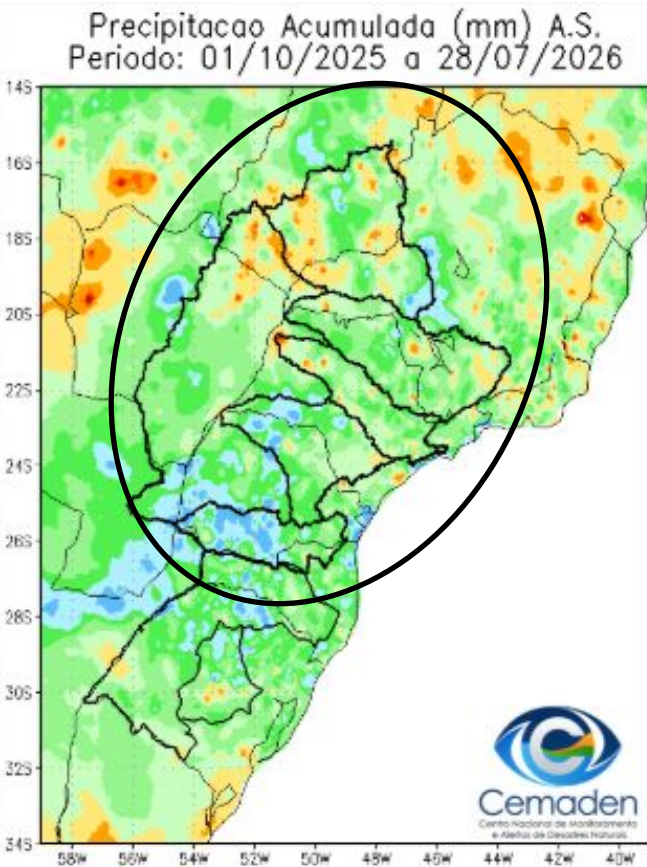
Julho de 2026



Precipitação acumulada nos últimos 30 dias

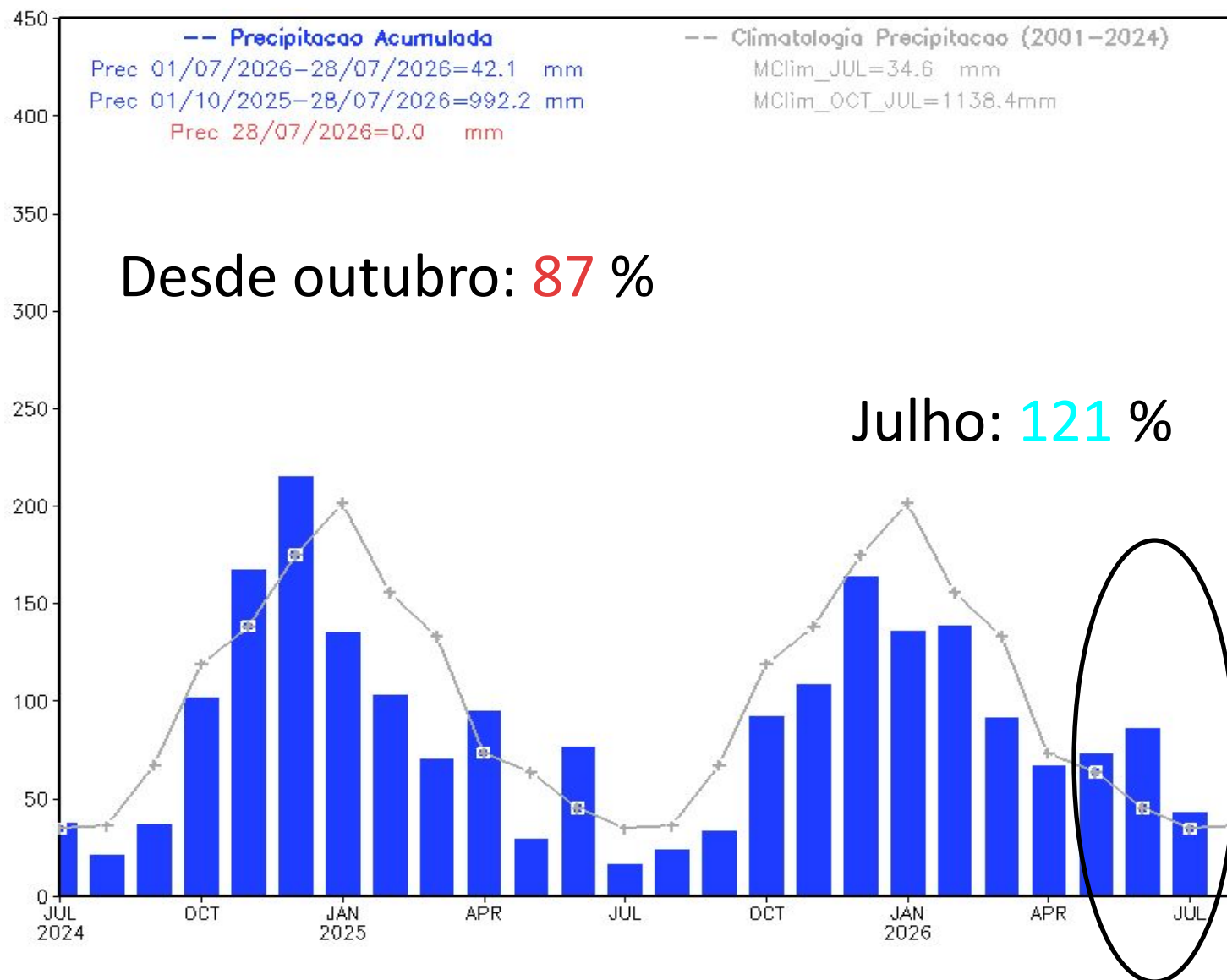


Precipitação acumulada no ano hidrológico

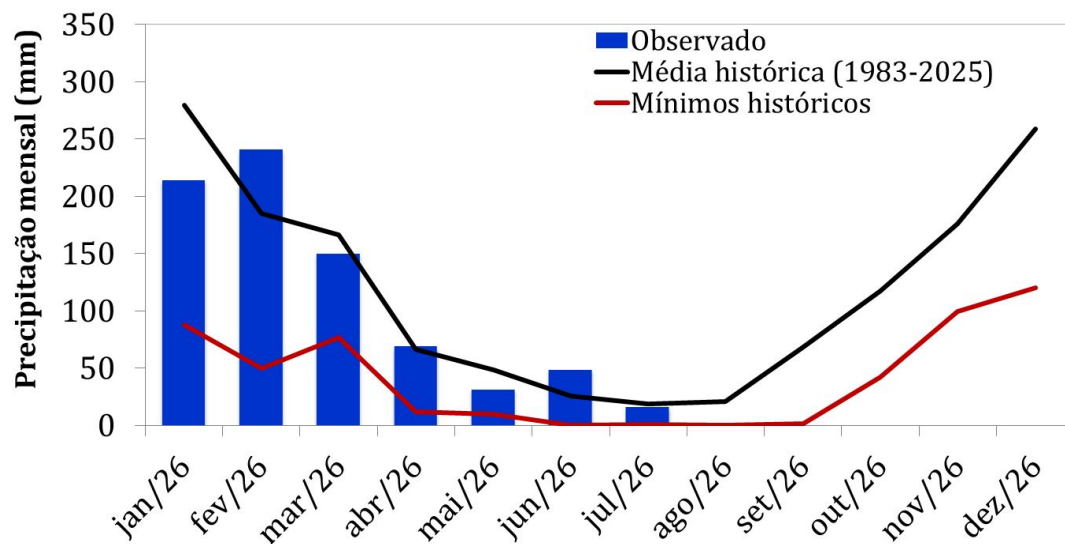


Precipitação acumulada nos últimos 24 meses

Precipitacao Bacia do Rio Parana desde JUL 2024



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**)

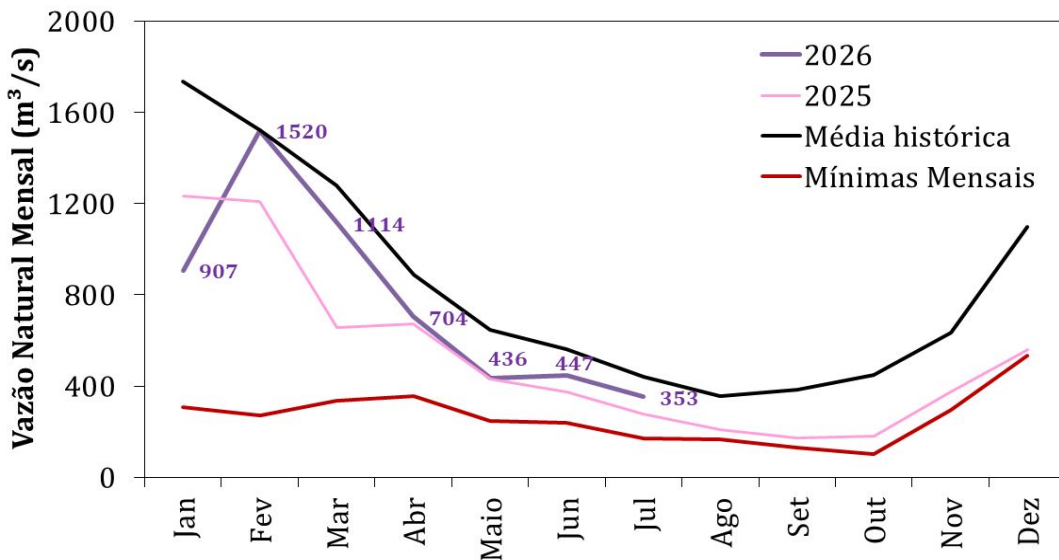
Estação Seca - Abr a Set – 248 mm

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

2026*: 165 mm (**102% da MLT PARCIAL**)

Jul/2026*: 16 mm (**87% da MLT**)

*Até 28/07/2026



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**: 485 m³/s (**89% da MLT**)

Jul/26**: 353 m³/s (**80% da MLT**)

28/Jul/26: 358 m³/s (**81% da MLT**)

**Até 28/07/2026

Média de Longo Termo – MLT =

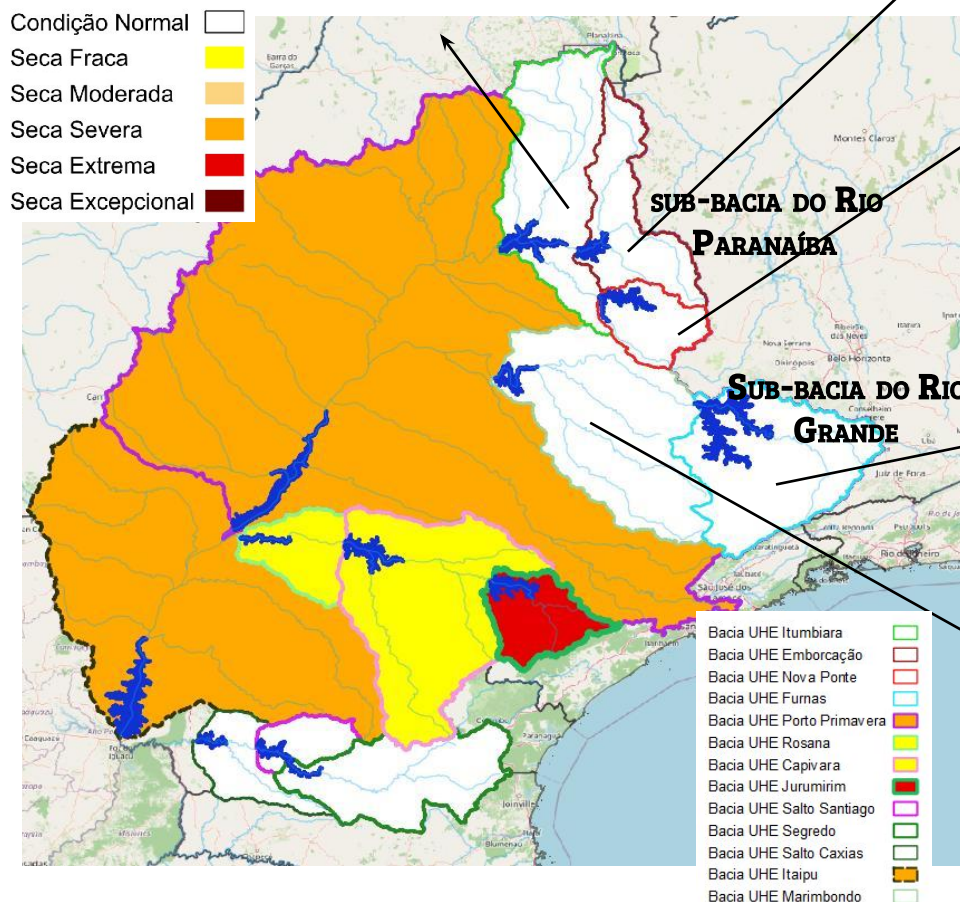
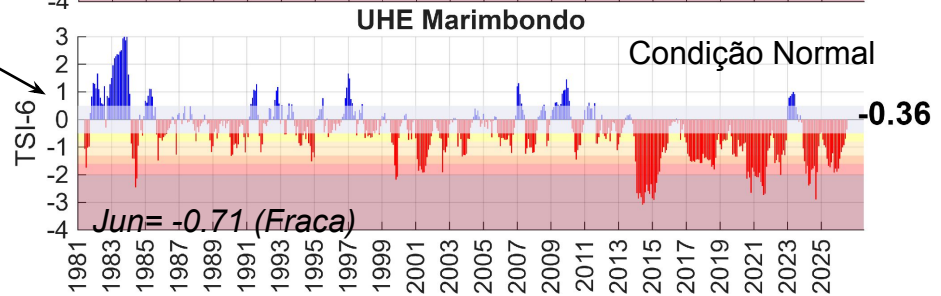
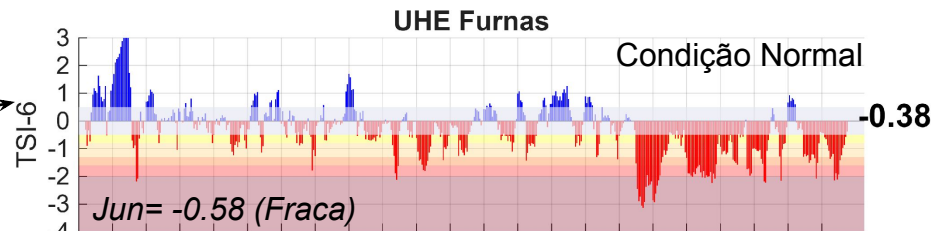
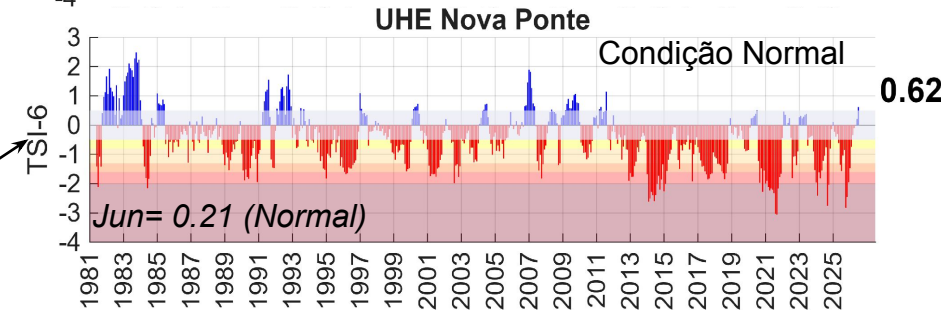
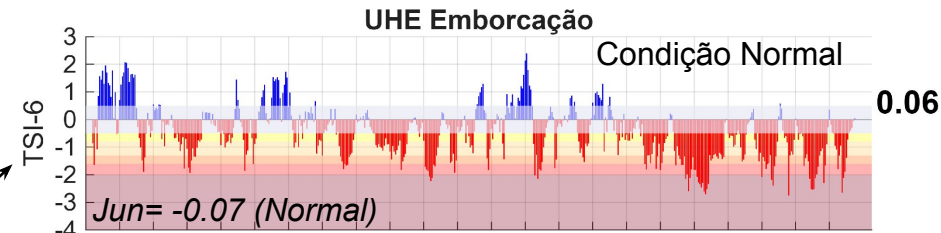
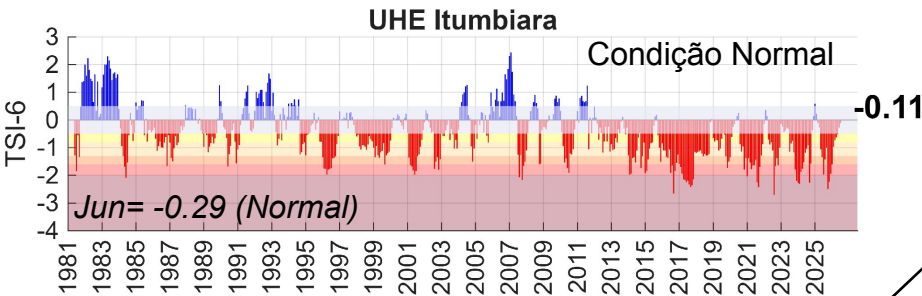
Dados de precipitação: INMET, ANA, CEMADEN

Dados de vazão: ONS e ANA

CABECEIRA DO RIO PARANÁ

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

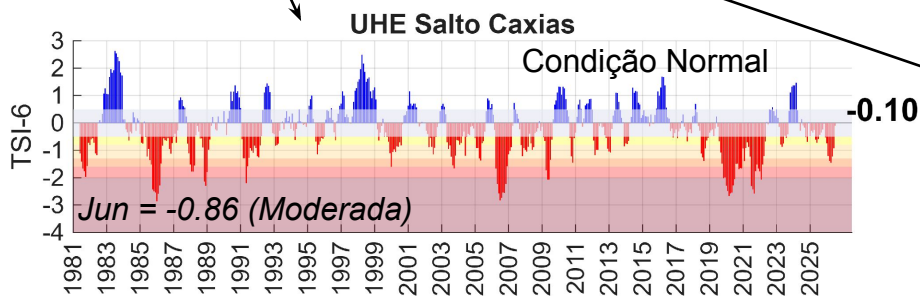
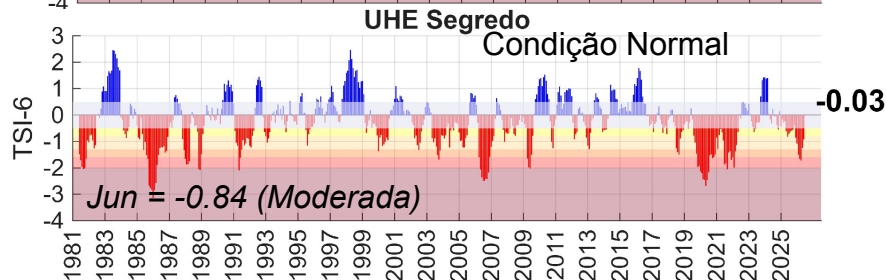
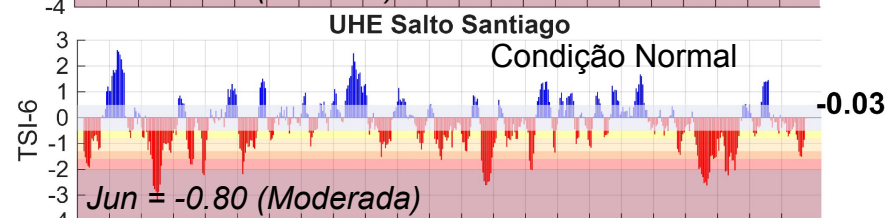
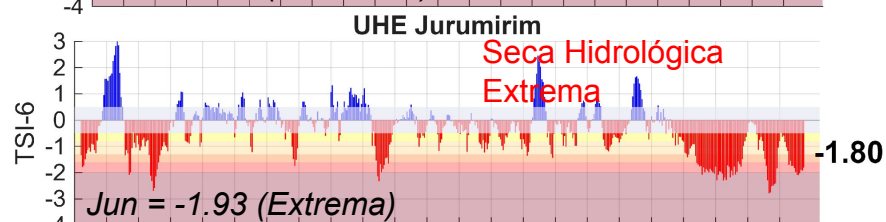
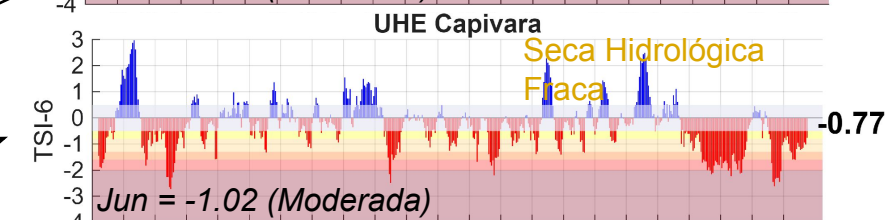
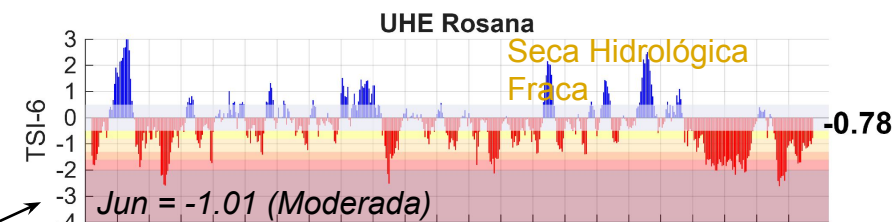
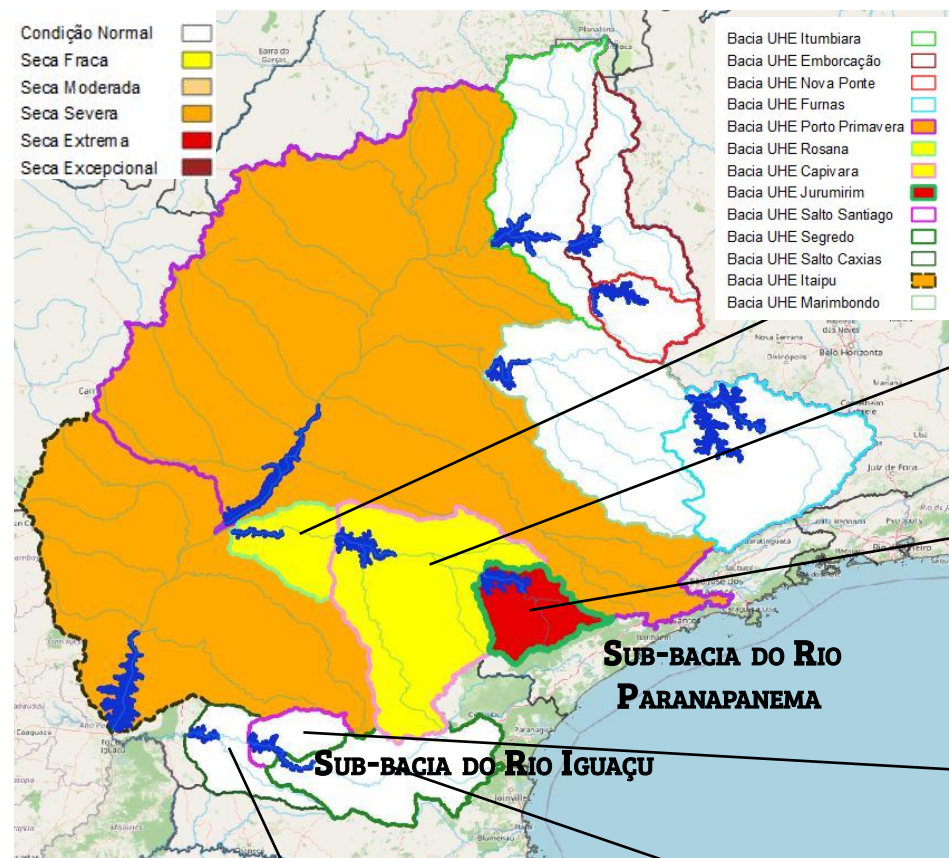
Julho/26- Parcial



BACIAS PARANAPANEMA E IGUAÇU

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

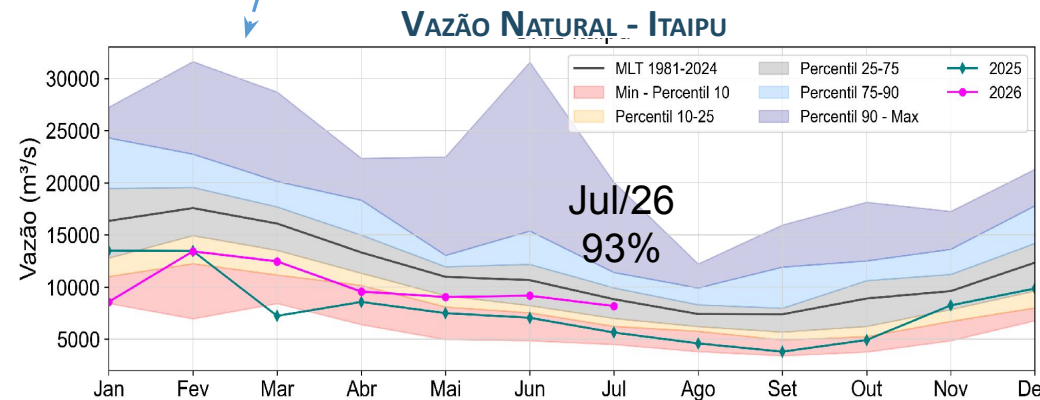
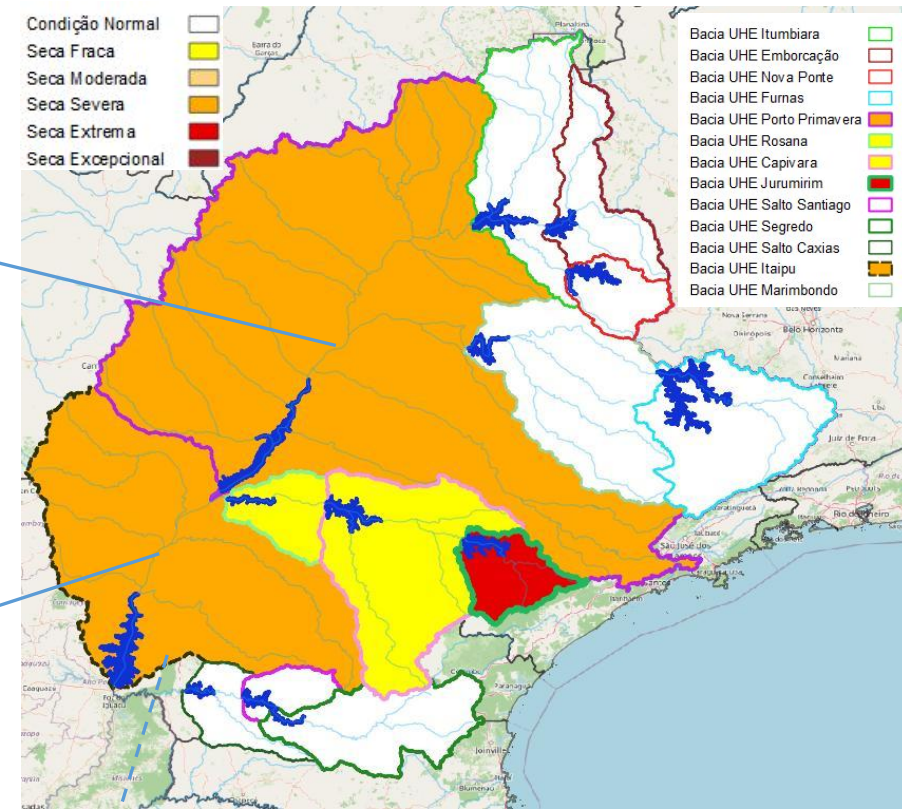
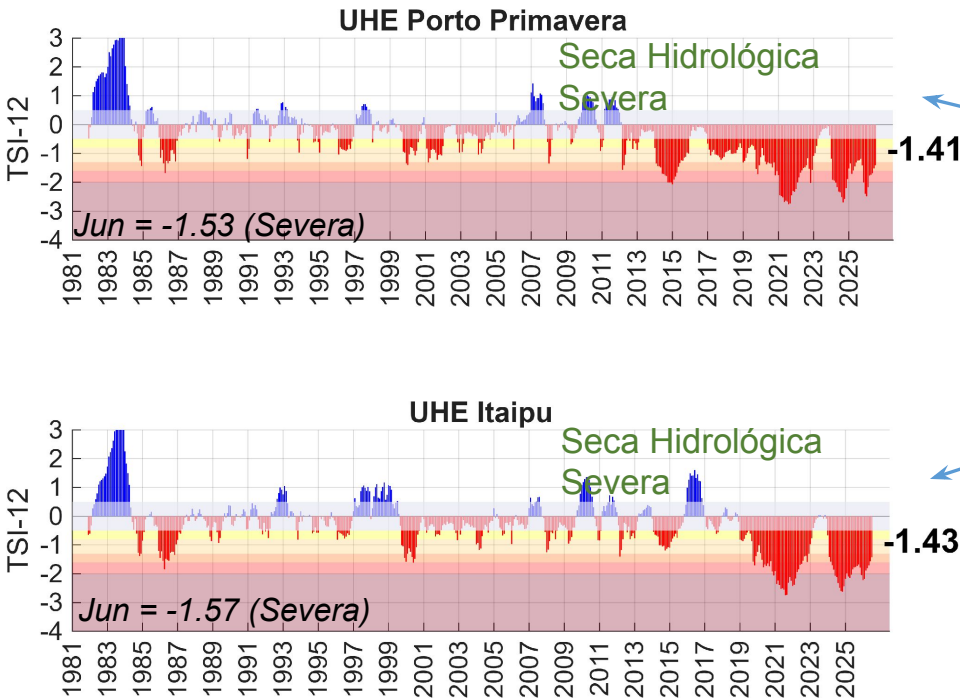
Julho/26 - Parcial



MÉDIO E BAIXO PARANÁ

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

Julho/26- Parcial

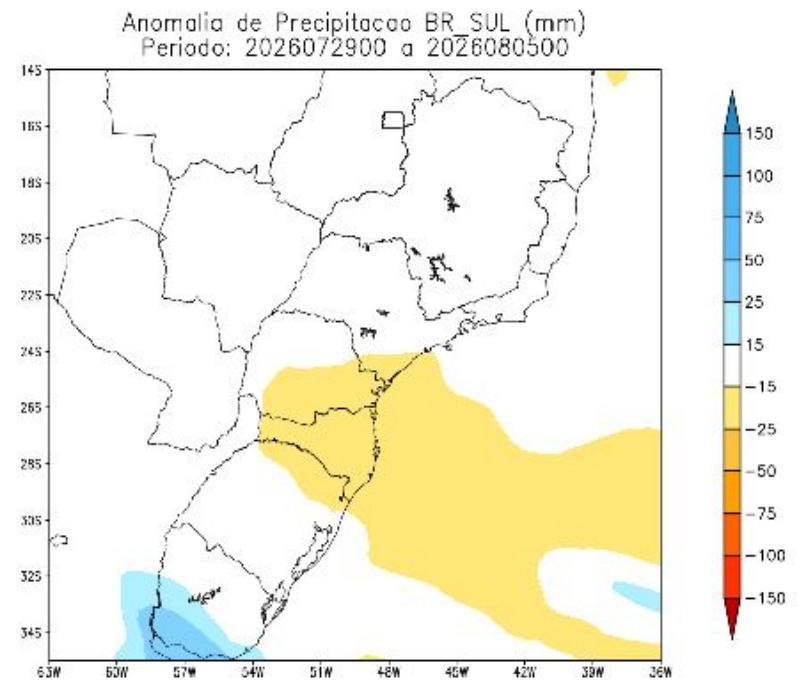
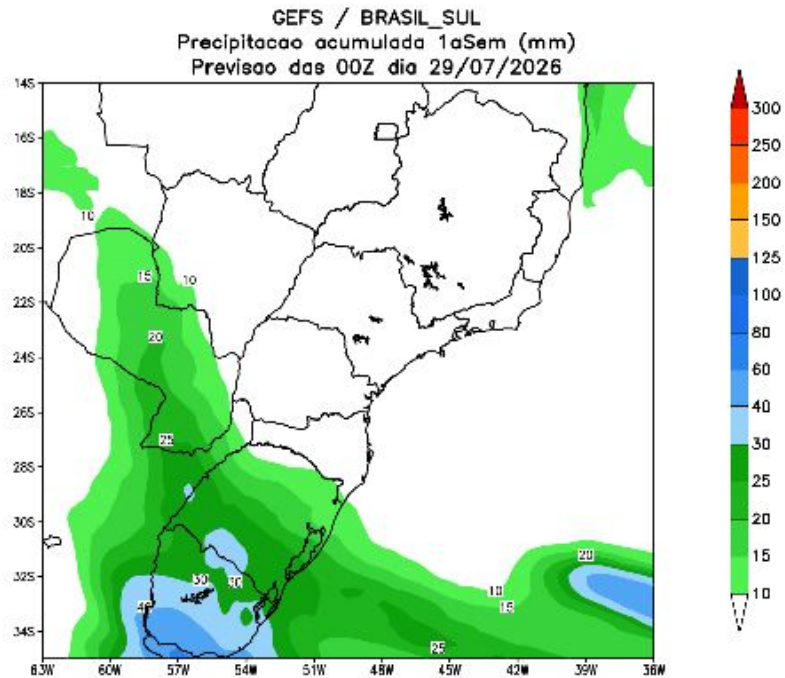


Fonte: CEMADEN/MCTI

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

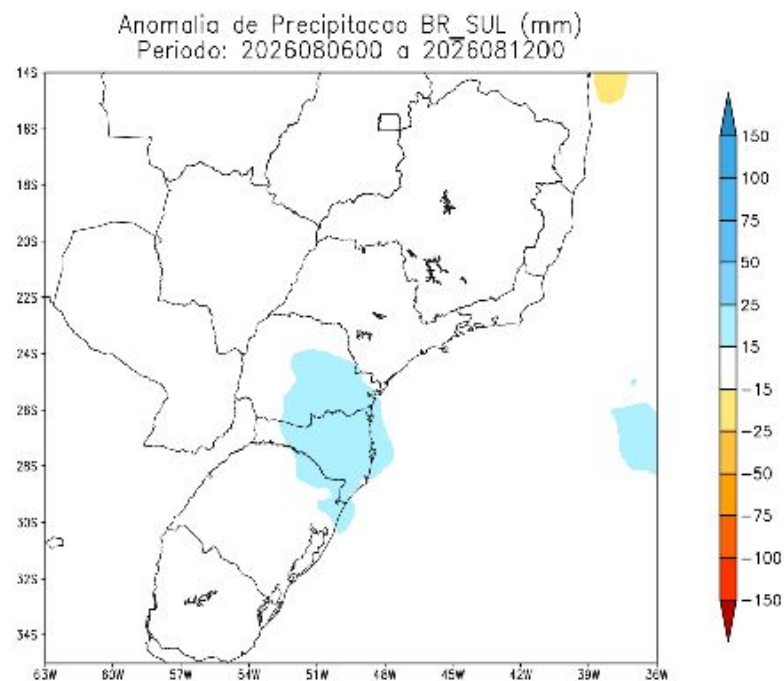
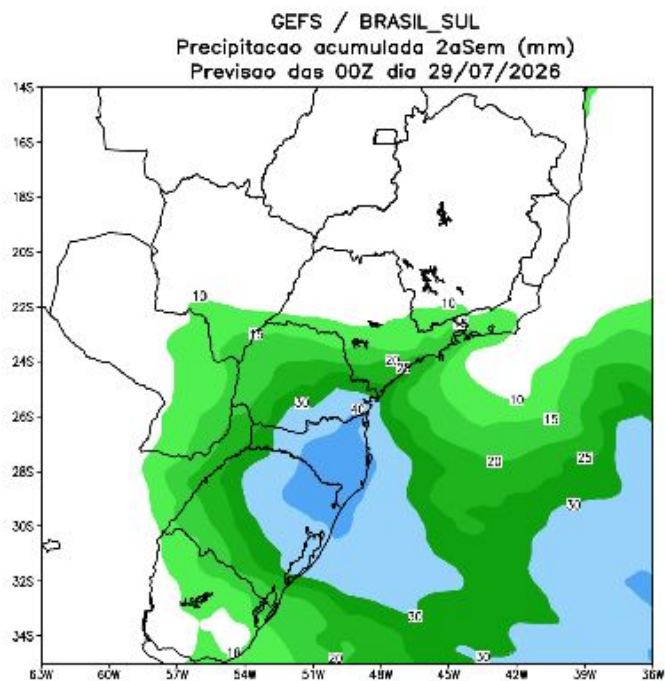
Período: Jan/1981 – Jul/2026

Previsão de chuva para os próximos 7 dias



Fonte: GEFS/NOAA

Tendência para a 2ª Semana

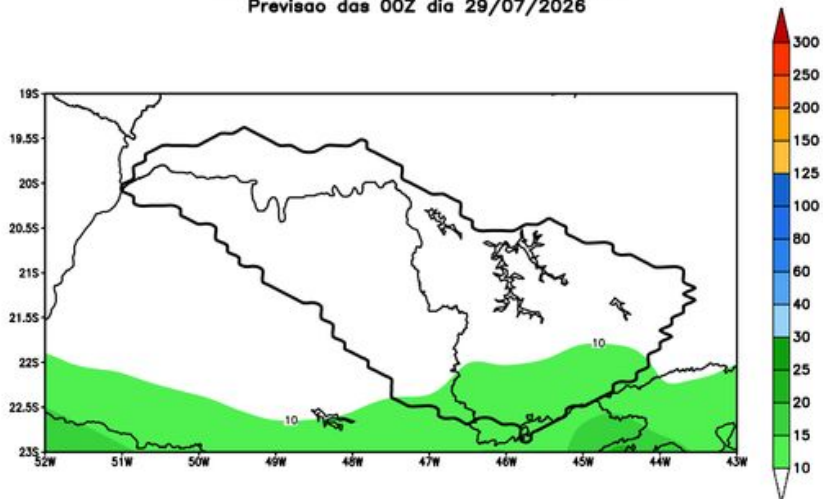


Bacia do rios Paranaíba e Grande

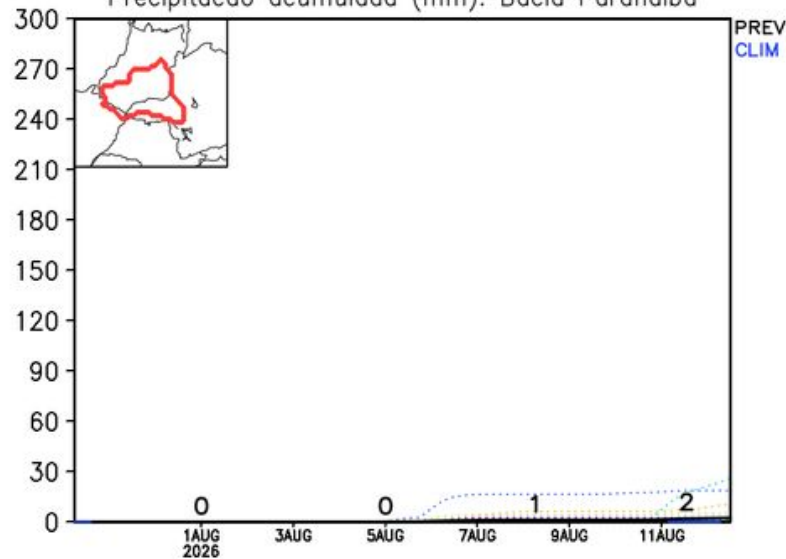
GEFS / Bacia do Rio Paranaíba
Precipitacao acumulada em 14 dias (mm)
Previsao das 00Z dia 29/07/2026



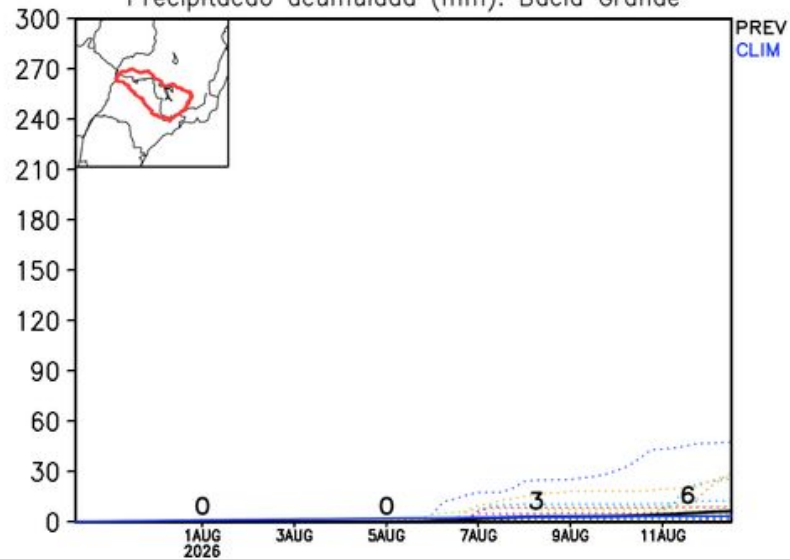
GEFS / Bacia do Rio Grande
Precipitacao acumulada em 14 dias (mm)
Previsao das 00Z dia 29/07/2026



Precipitacao acumulada (mm): Bacia Paranaiba

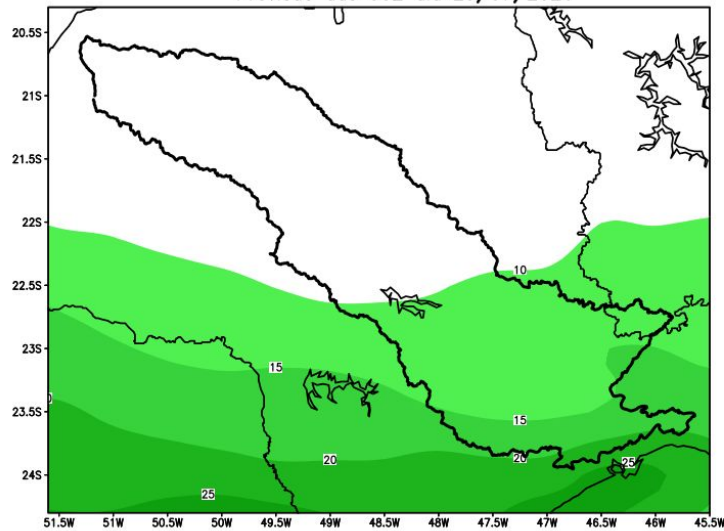


Precipitacao acumulada (mm): Bacia Grande

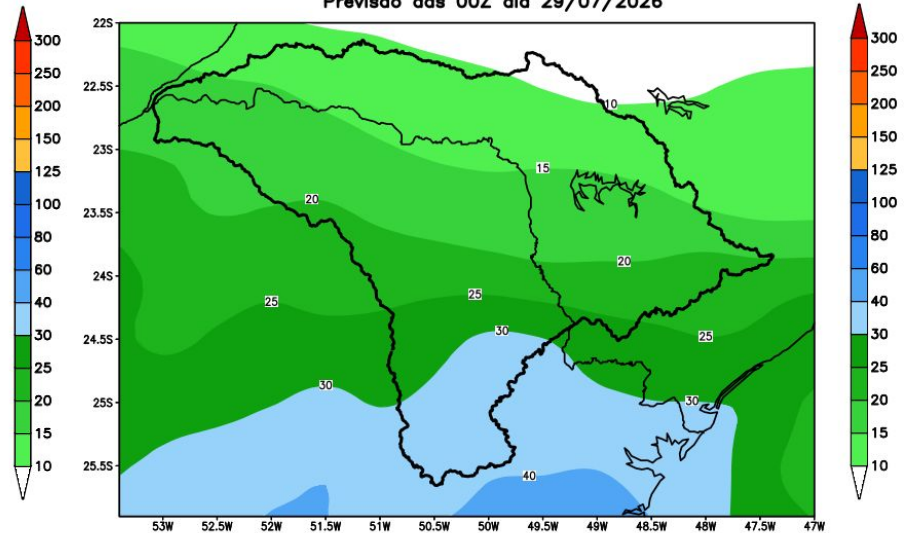


Bacia do rios Tietê e Paranapanema

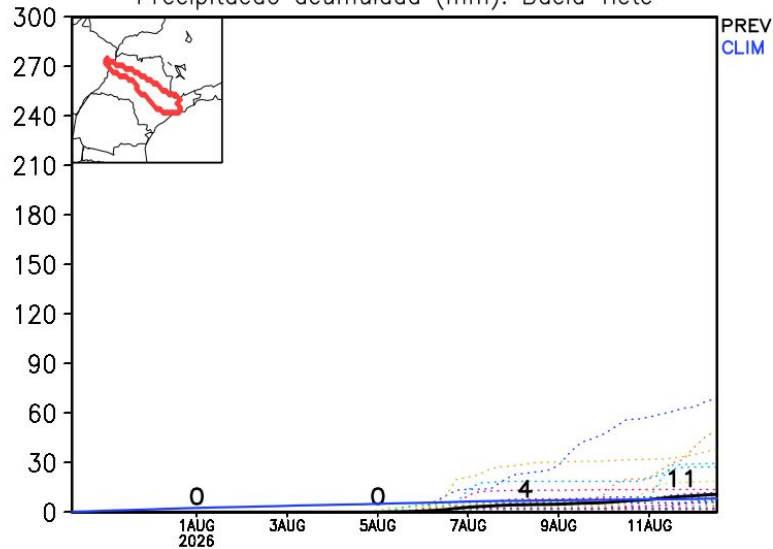
GEFS / Bacia do Rio Tietê
Precipitação acumulada em 14 dias (mm)
Previsão das 00Z dia 29/07/2026



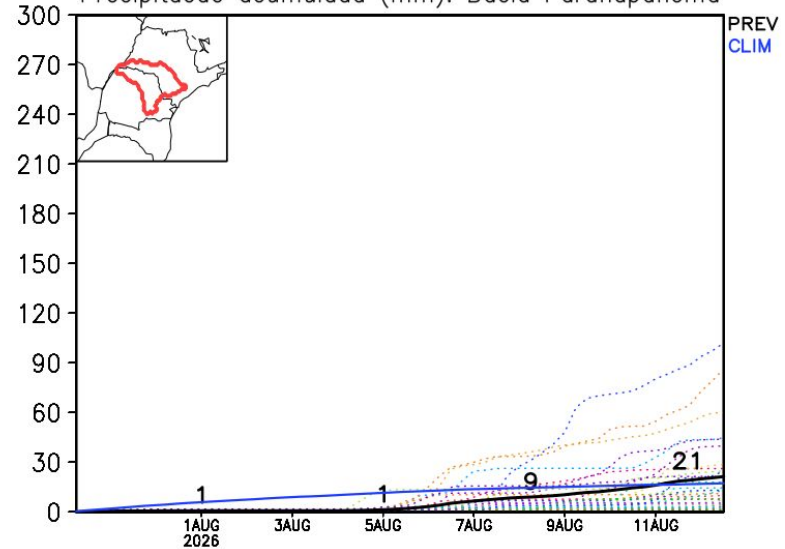
GEFS / Bacia do Rio Paranapanema
Precipitação acumulada em 14 dias (mm)
Previsão das 00Z dia 29/07/2026



Precipitação acumulada (mm): Bacia Tietê

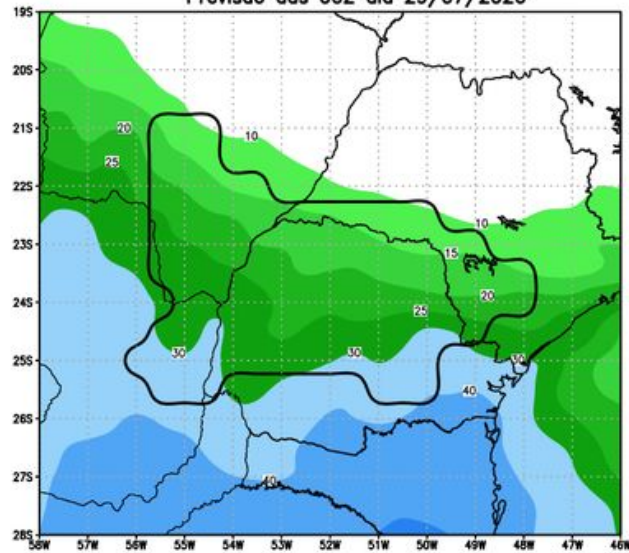


Precipitação acumulada (mm): Bacia Paranapanema

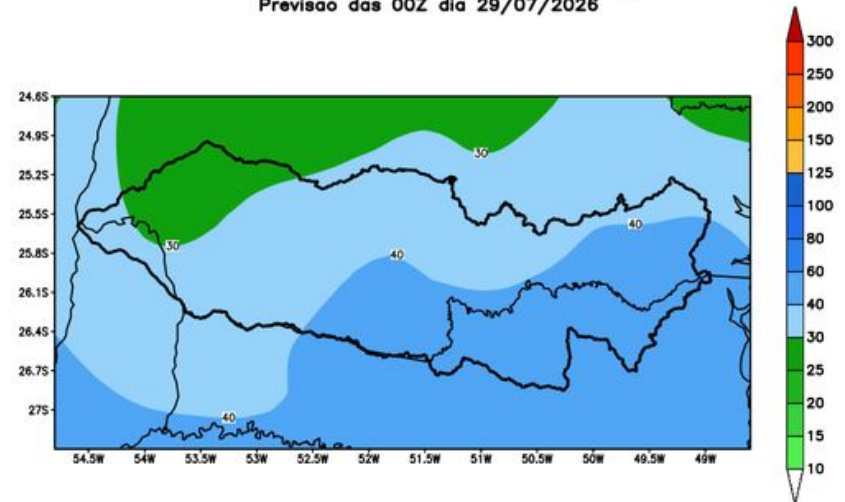


Bacia do Itaipu e Iguaçu

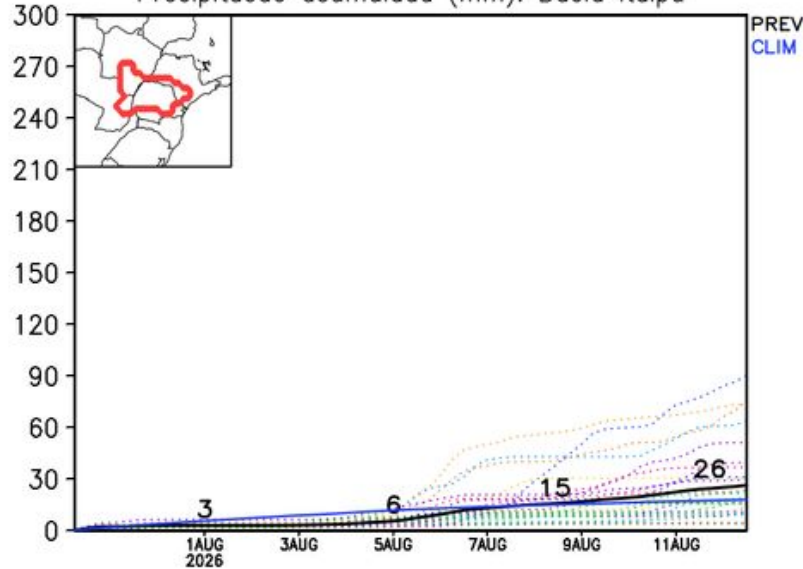
GEFS / Itaipu
Precipitação acumulada em 14 dias (mm)
Previsão das 00Z dia 29/07/2026



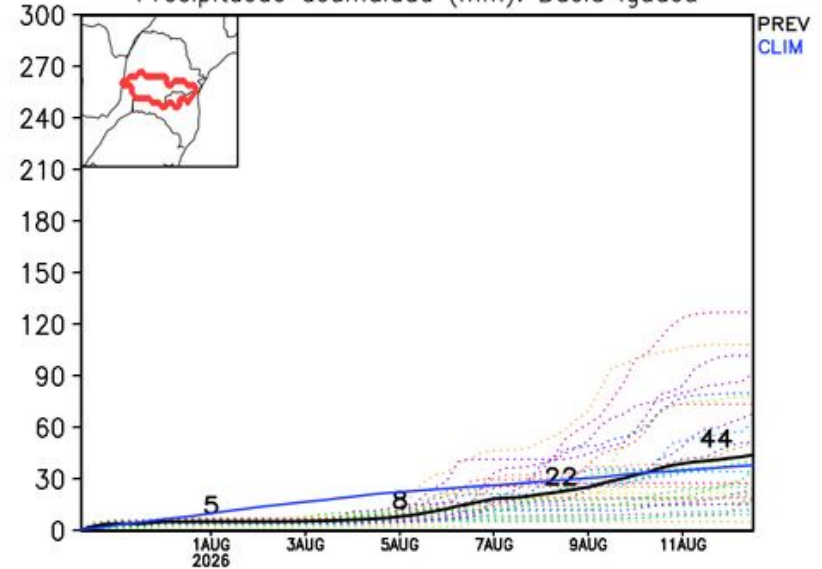
GEFS / Bacia do Rio Iguaçu
Precipitação acumulada em 14 dias (mm)
Previsão das 00Z dia 29/07/2026



Precipitação acumulada (mm): Bacia Itaipu

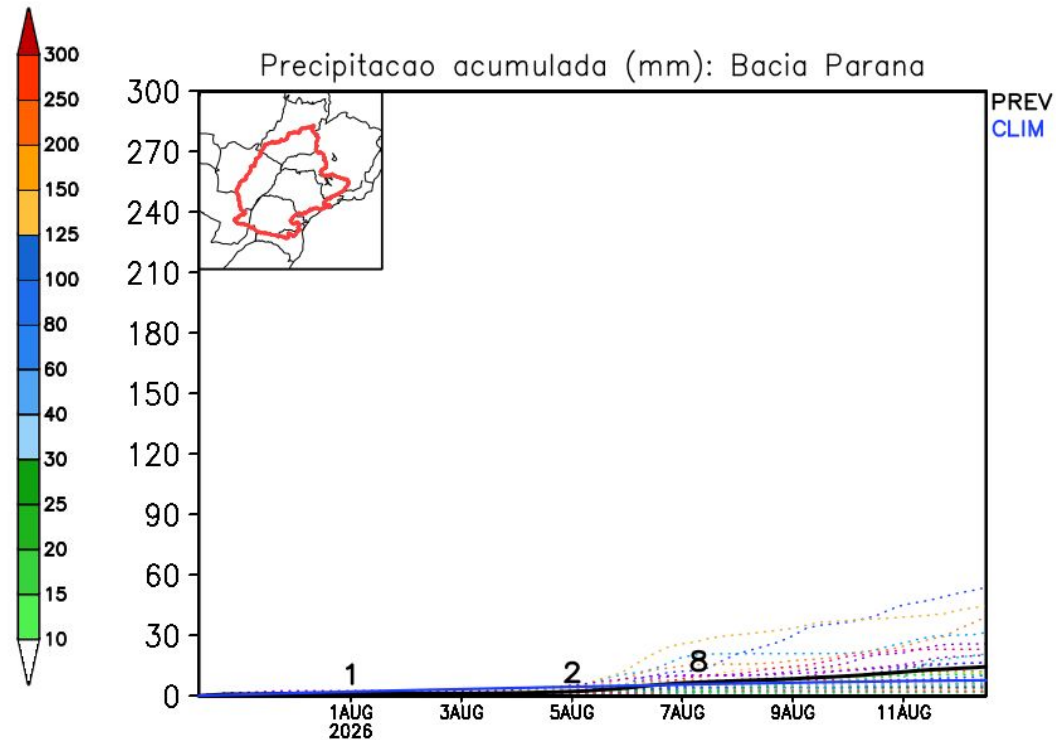
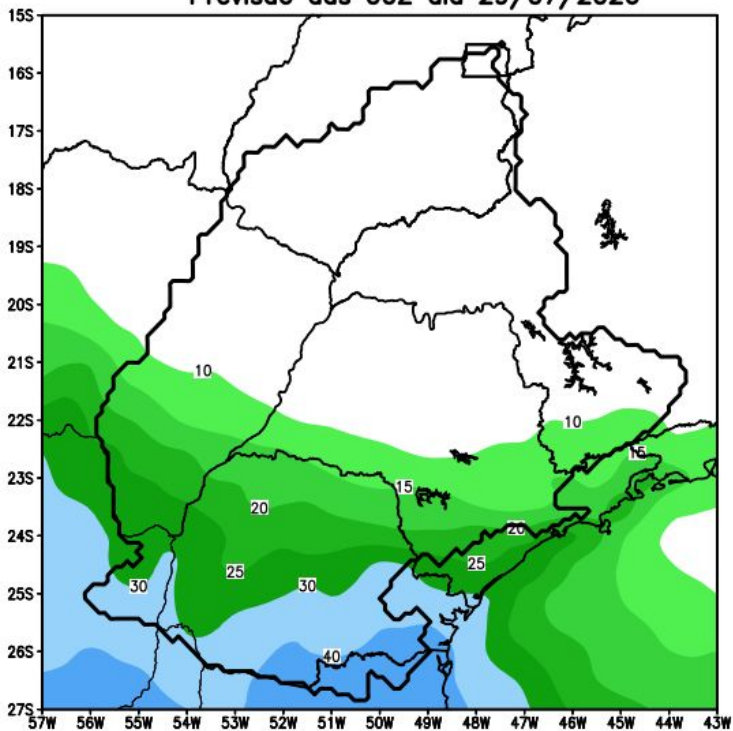


Precipitação acumulada (mm): Bacia Iguaçu



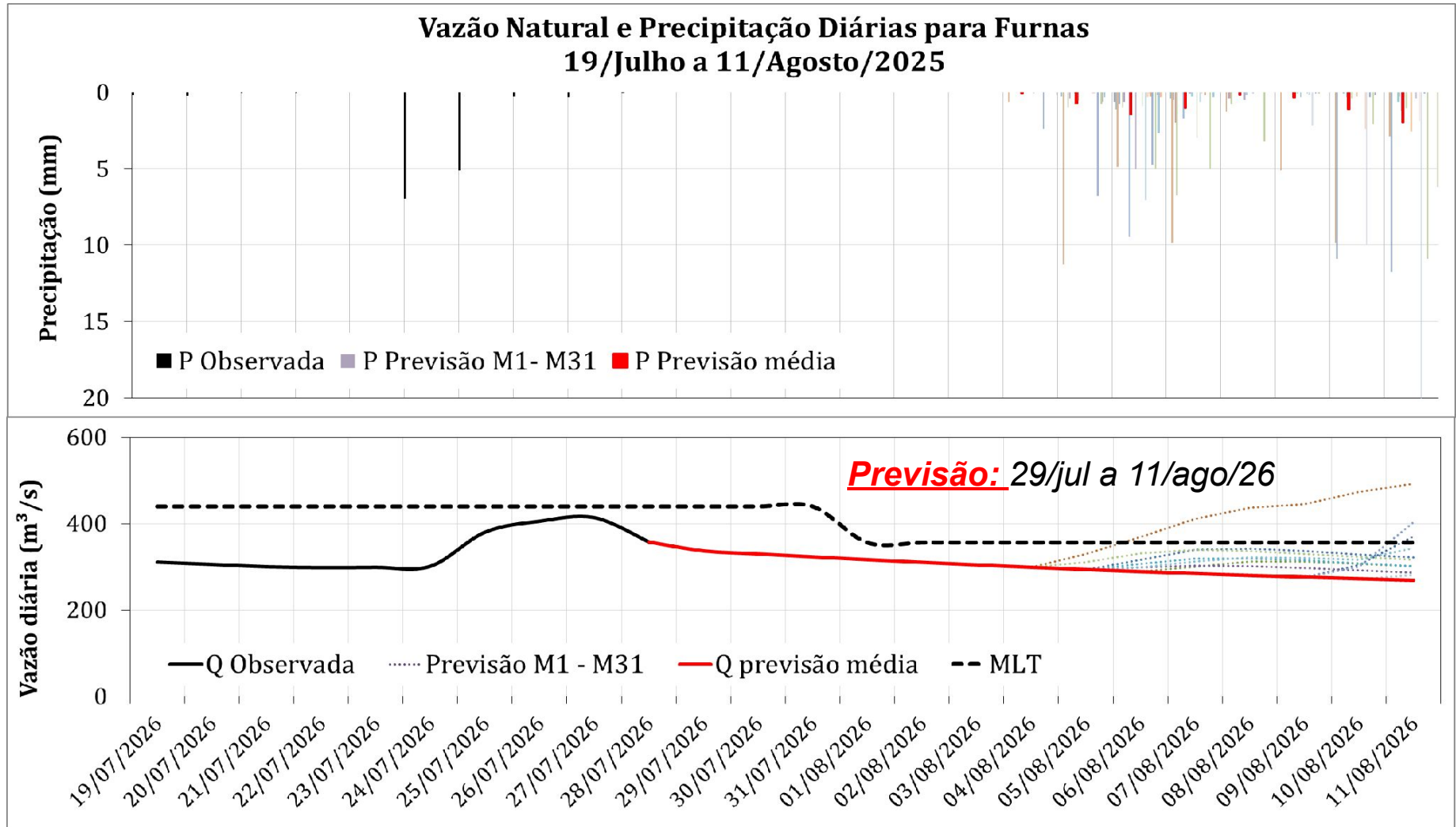
Previsão de chuva para os próximos 14 dias

GEFS / Bacia do Parana
Precipitacao acumulada em 14 dias (mm)
Previsao das 00Z dia 29/07/2026



Fonte: GEFS/NOAA

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



**Previsão média para os
próximos 14 dias: 299**



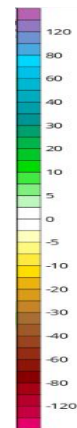
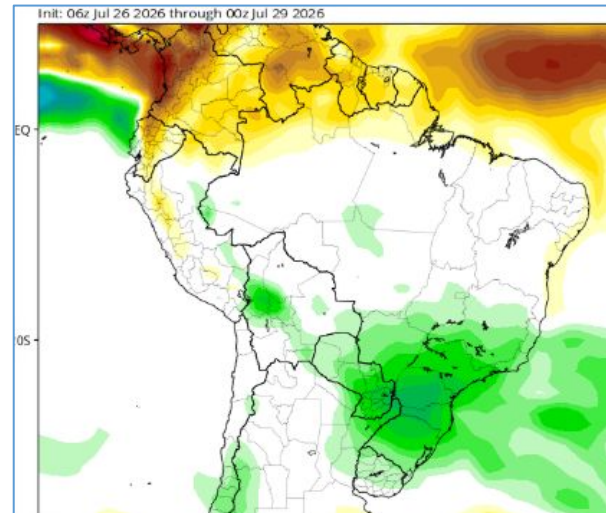
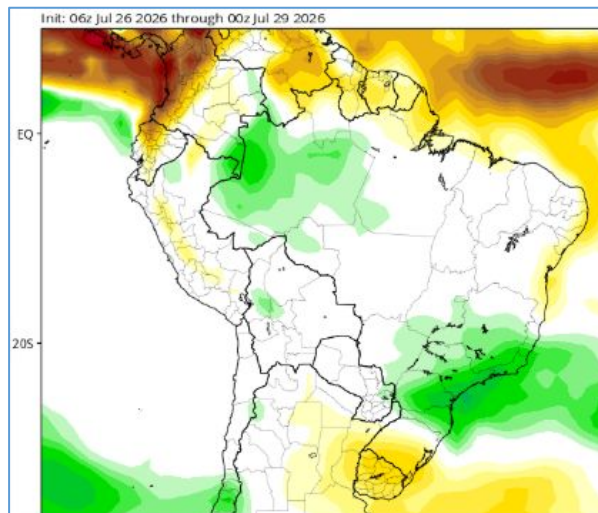
84% MLT Agosto

Tendência 3a e 4a semanas

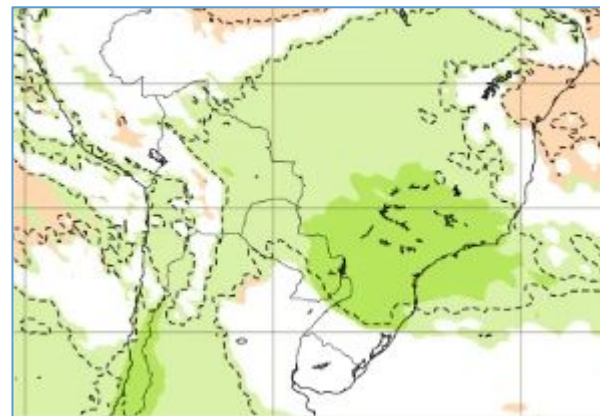
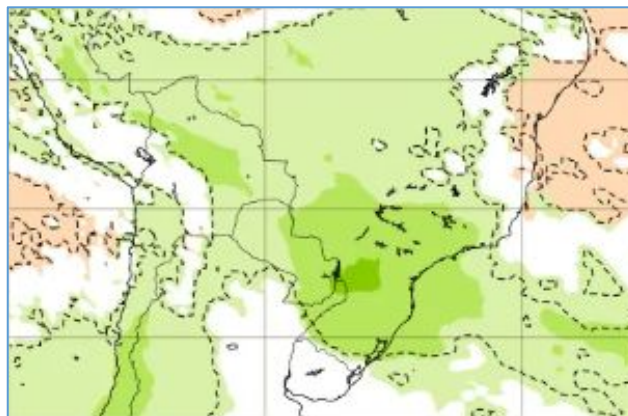
12-19 Ago

19-26 Ago

CFS/NOAA



ECMWF



17-24 Ago

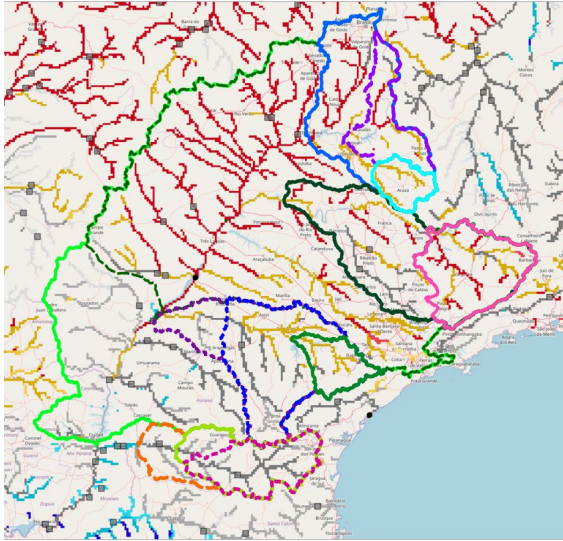
24-31 Ago



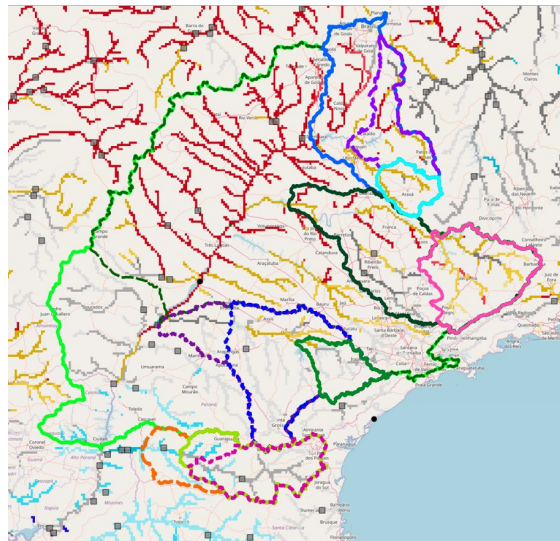
Previsão Sub-sazonal (45 dias) de vazões naturais para a Bacia do Rio Paraná (GloFAS)

Previsão: 03/08/2026 – 07/09/2026

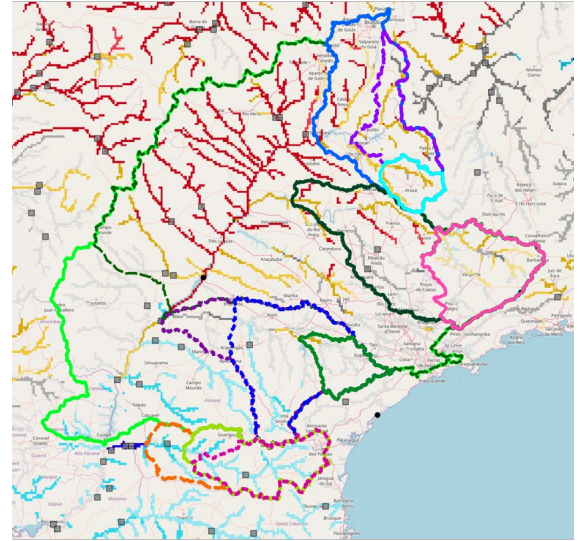
03/08/2026-10/08/2026



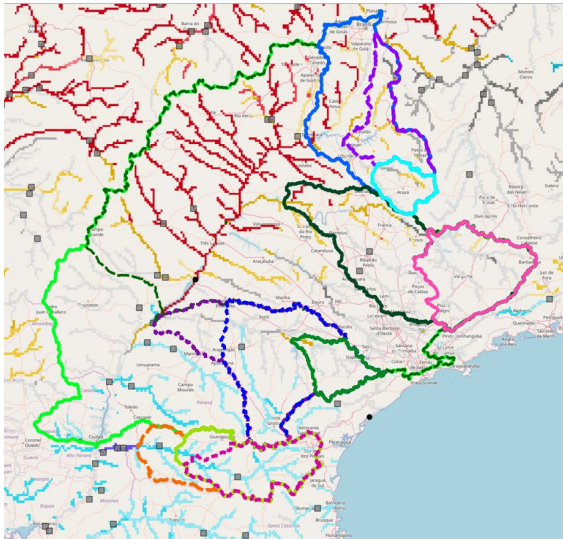
11/08/2026-17/08/2026



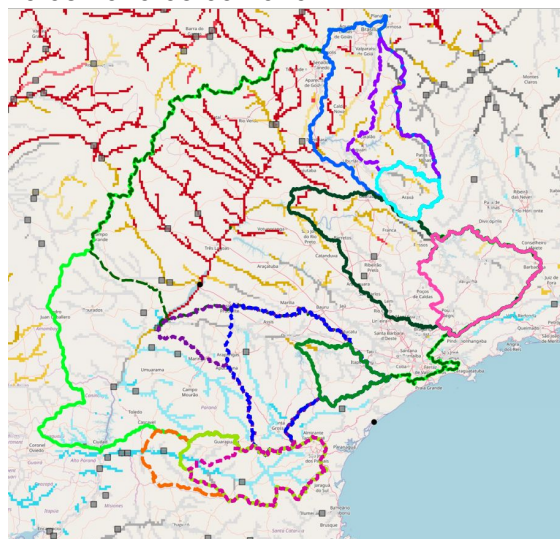
18/08/2026-24/08/2026



25/08/2026-23/02/2026



26/08/2026-03/09/2026



- 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

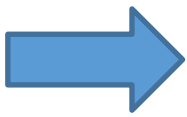
Baixa (0-10)	Média (10-20)	Alta (<20)
■	■	■
■	■	■
■	■	■
■	■	■
■	■	■
■	■	■

Fonte: Previsão Meteorológica: ECMWF

Previsão de vazão: Lisflood/GloFAS Forecast

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

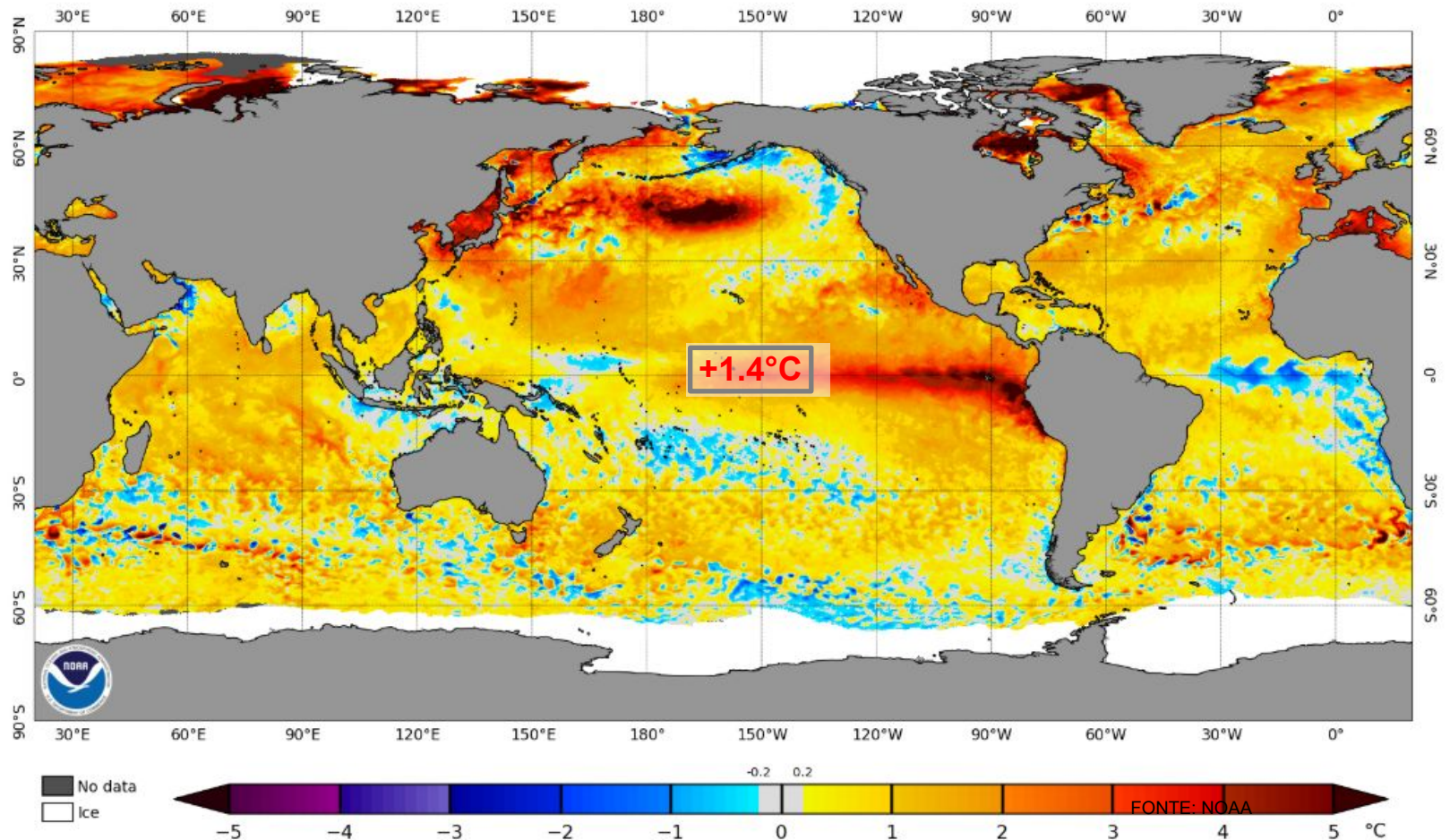




ENSO Alert System Status: **El Niño Advisory**

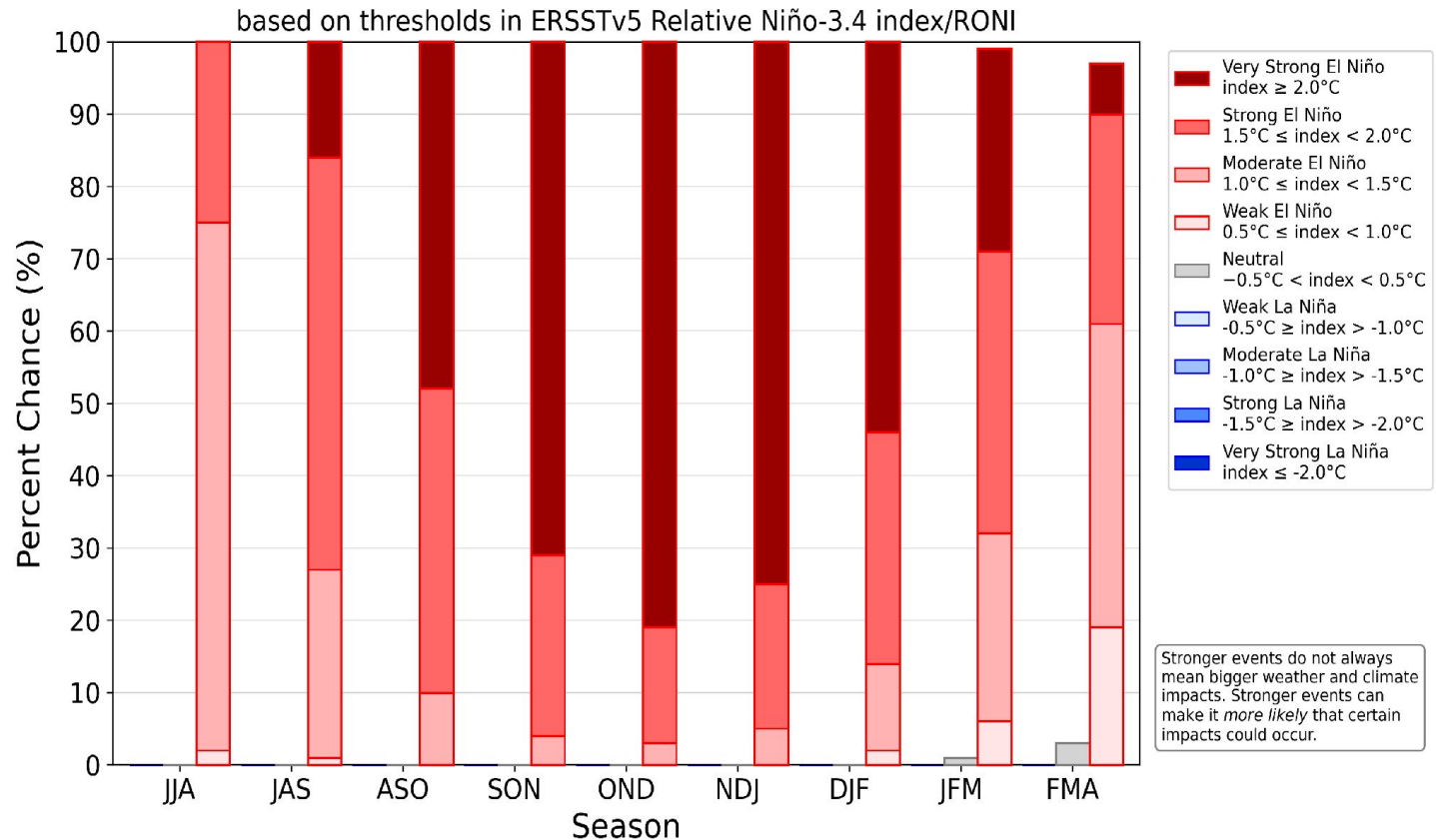
El Niño conditions are present.*

NOAA Coral Reef Watch Daily 5km SST Anomalies (v3.1) 26 Jul 2026



Previsão do “ENSO”

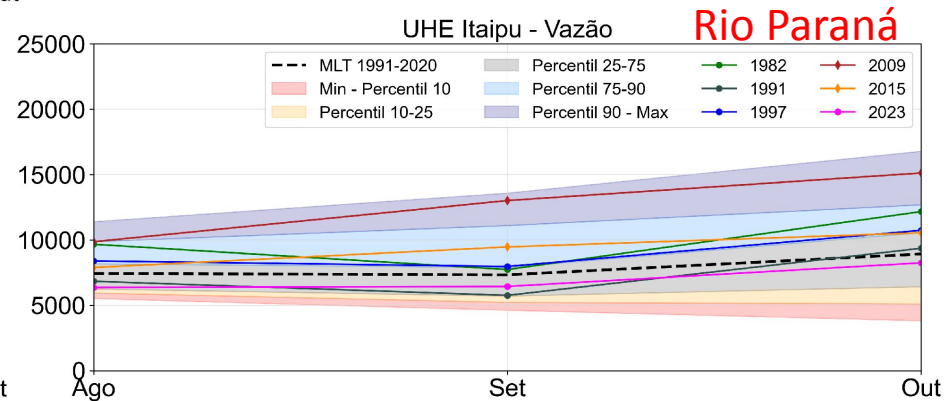
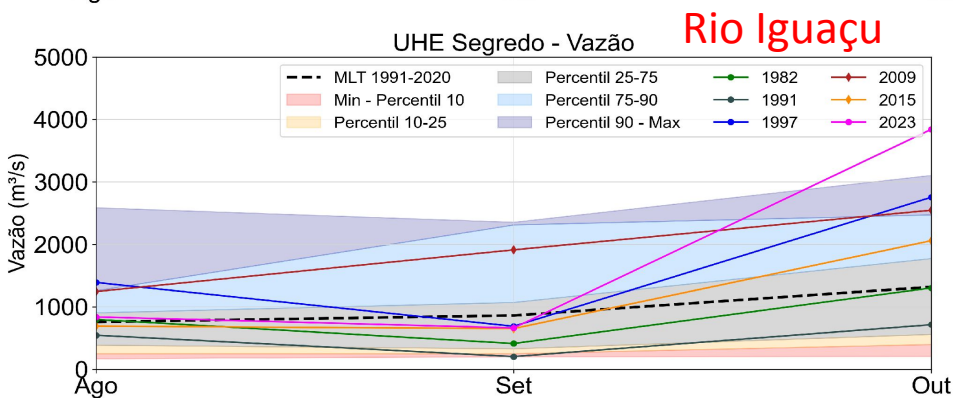
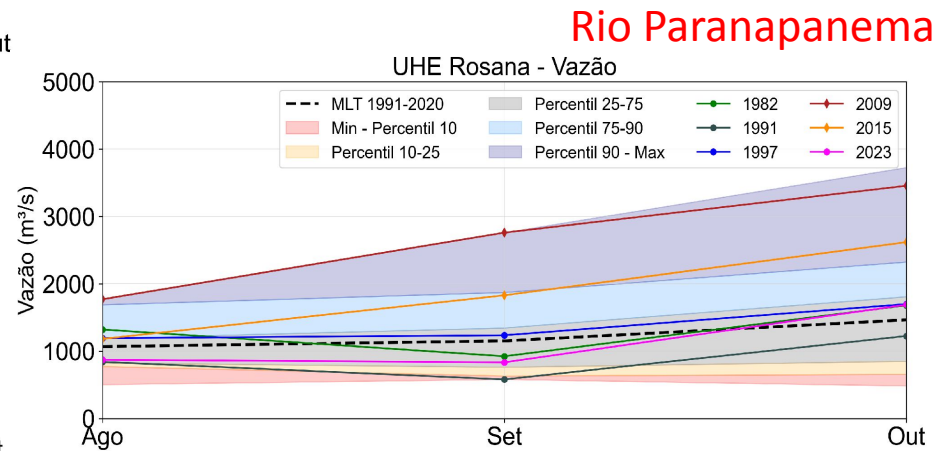
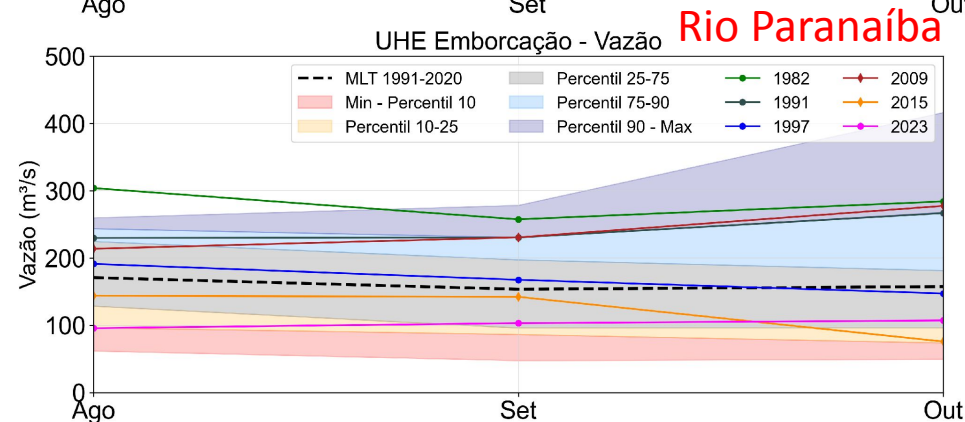
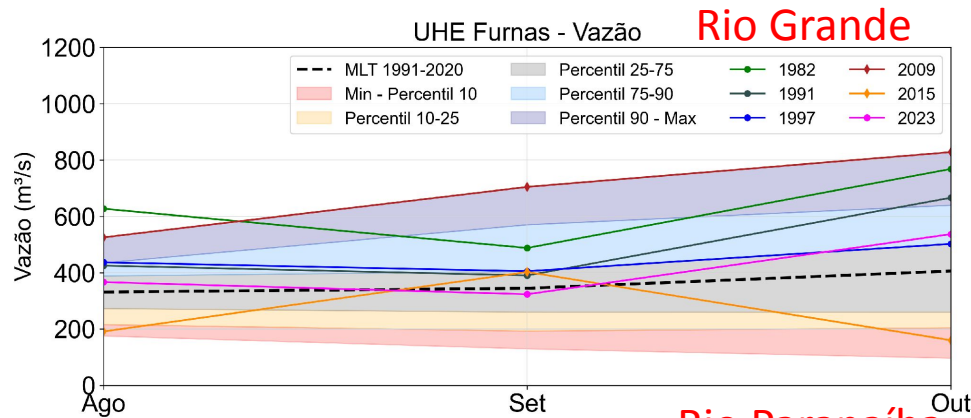
NOAA CPC ENSO Strength Probabilities (issued July 2026)



Anos Análogos de El Nino

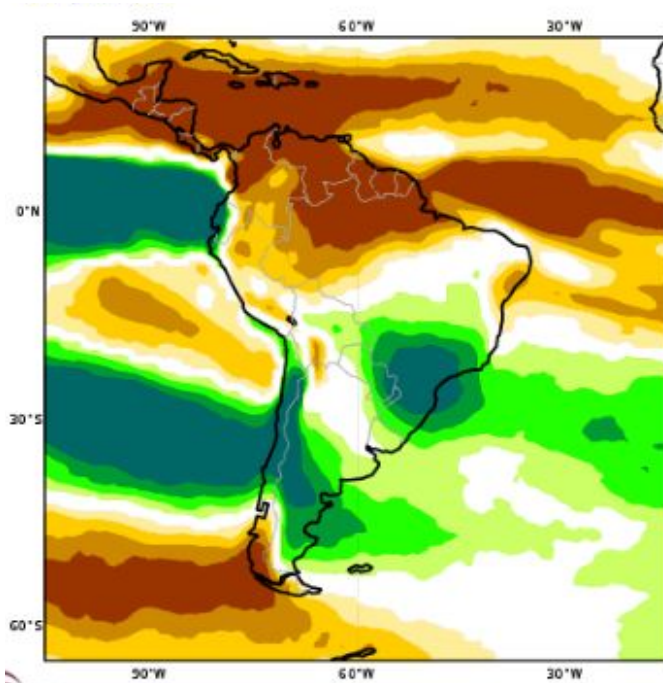
Trimestre ASO

- 1982
- 1991
- 1997
- 2009
- 2015
- 2023

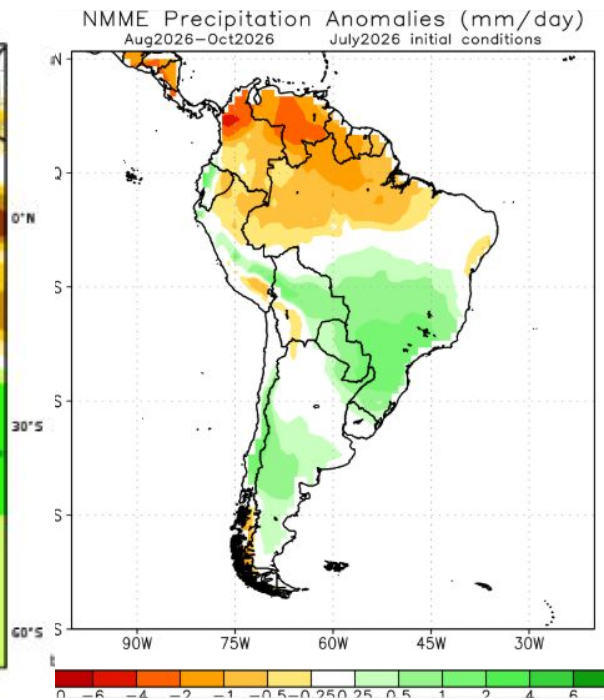


Previsão Sazonal de Chuva Multi-Modelo

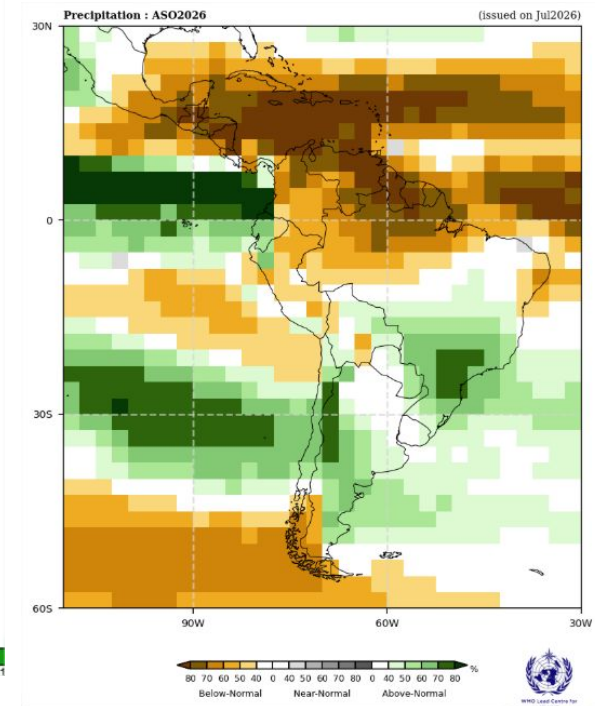
Agosto-Setembro-Outubro



Modelos “Europeus”



Modelos Norte Americanos



Modelos da WMO

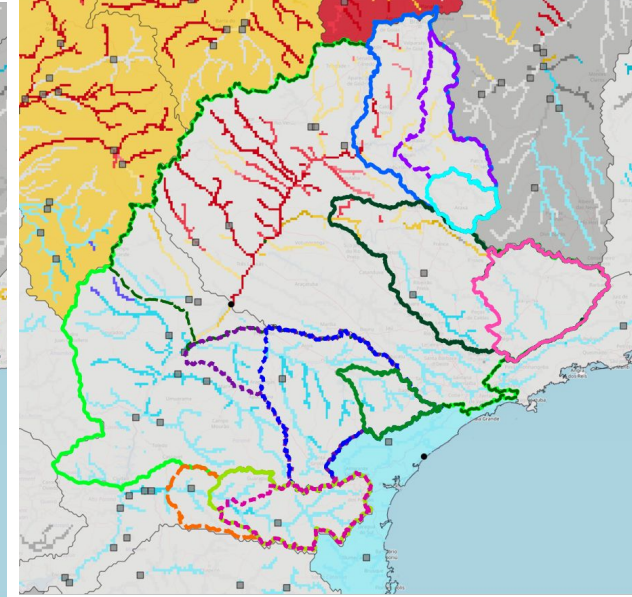
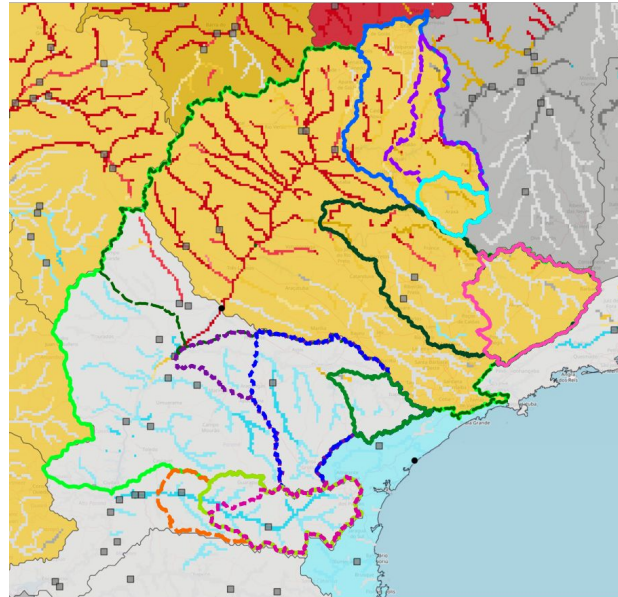
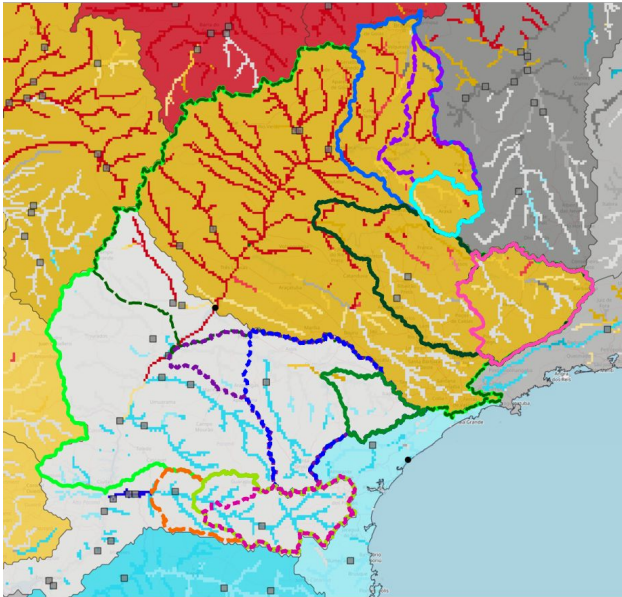
Previsão Sazonal (ASO) de vazões naturais para a Bacia do Rio Paraná (GloFAS)

Previsão: Agosto, Setembro e Outubro de 2026

Agosto

Setembro

Outubro



- 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)

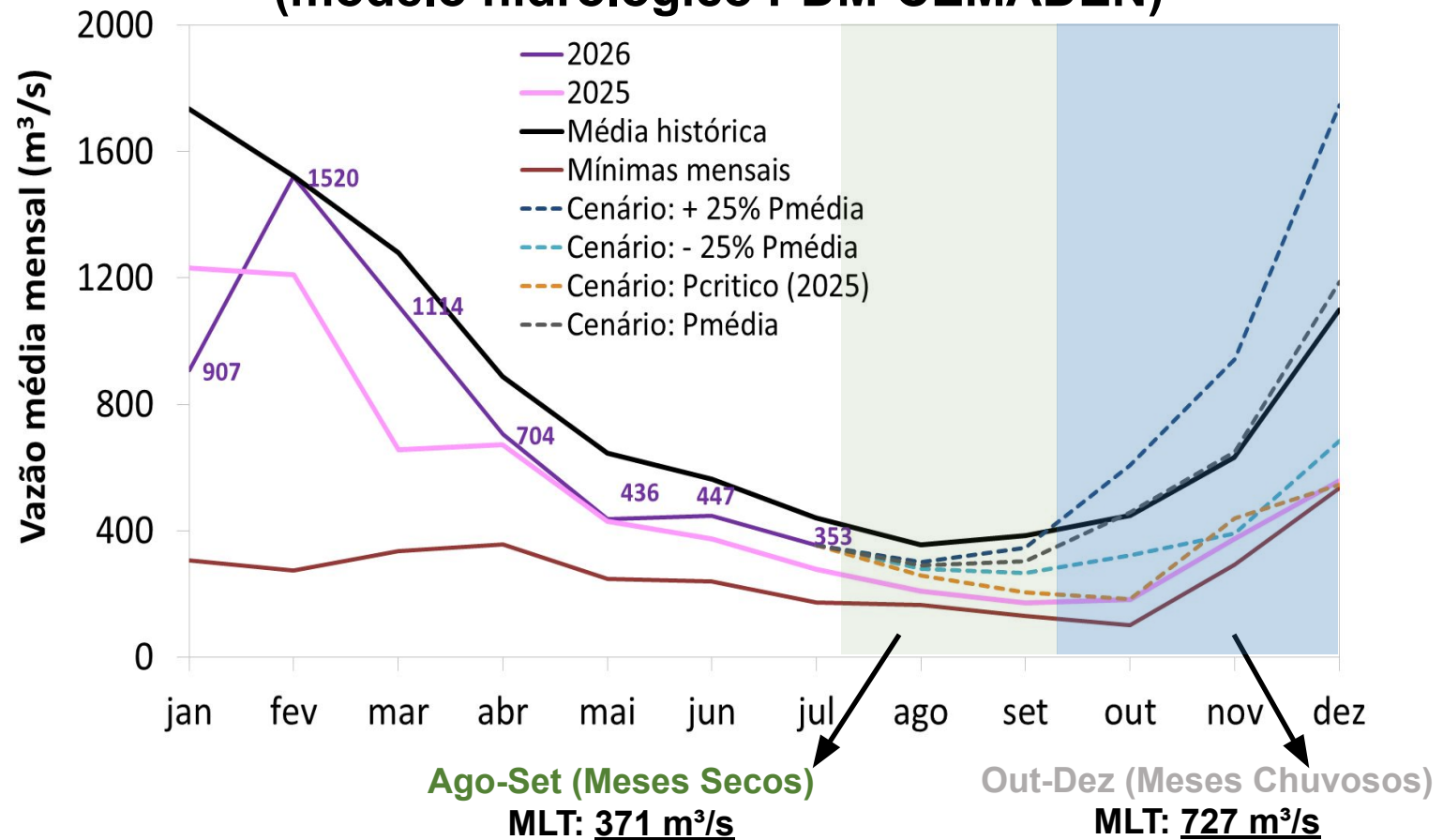
- Muito abaixo (1-10)
- Abaixo (10-25)
- Média (25-75)
- Acima (75-90)
- Muito acima (90-100)

Categoria de incerteza

- | Baixa (0-10) | Média (10-20) | Alta (<20) |
|----------------------|----------------------|----------------------|
| Muito abaixo (1-10) | Muito abaixo (1-10) | Muito abaixo (1-10) |
| Abaixo (10-25) | Abaixo (10-25) | Abaixo (10-25) |
| Média (25-75) | Média (25-75) | Média (25-75) |
| Acima (75-90) | Acima (75-90) | Acima (75-90) |
| Muito acima (90-100) | Muito acima (90-100) | Muito acima (90-100) |



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



Vazão	% MLT
323 m³/s	87%
297 m³/s	80%
272 m³/s	73%
231 m³/s	62%

Vazão	% MLT
1098 m³/s	151%
765 m³/s	105%
446 m³/s	64%
390 m³/s	54%