CEMADEN

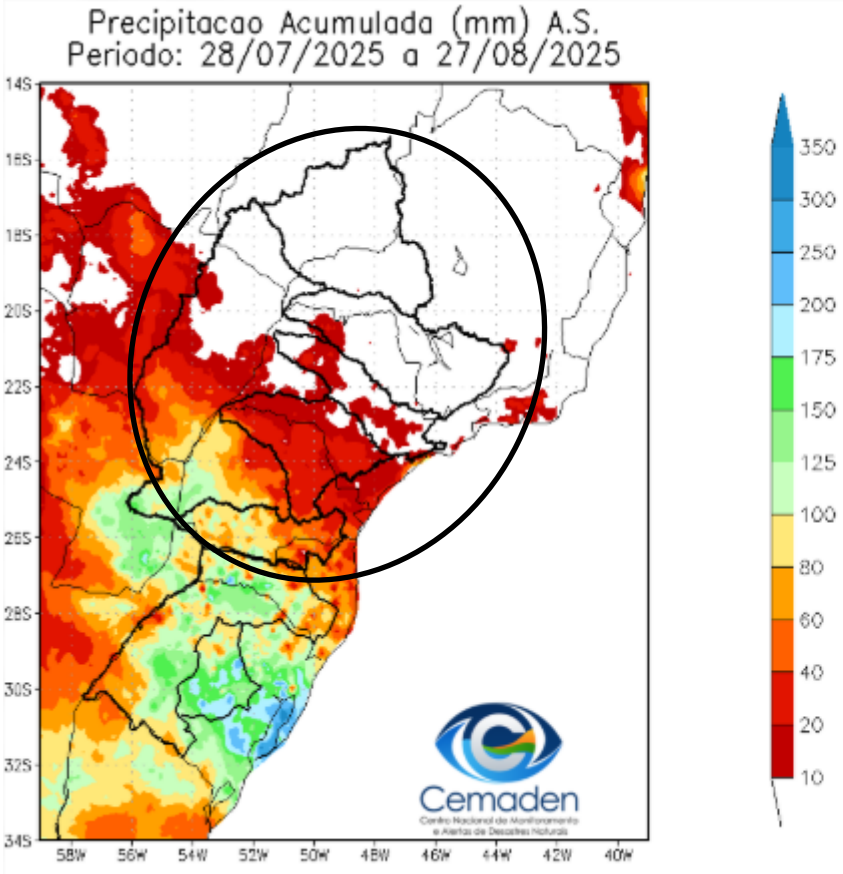
Centro Nacional de Monitoramento e Alertas de Desastres Naturais

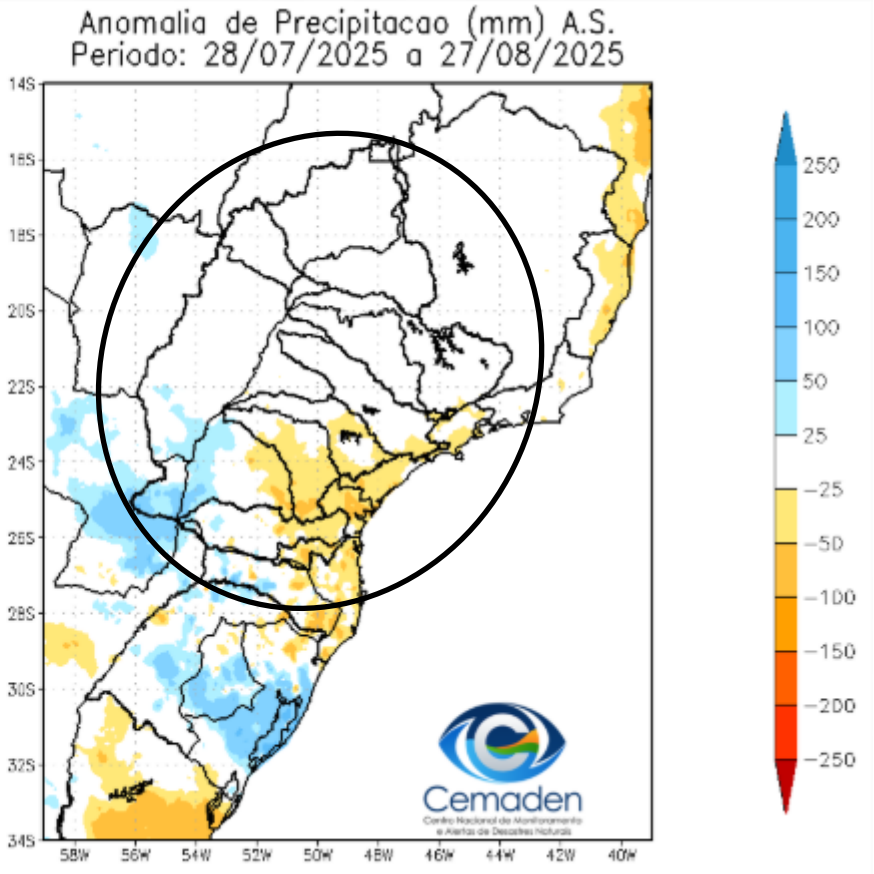
Monitoramento e Previsões para a Bacia do rio Paraná

Agosto de 2025

Cemaden
MINISTÉRIO DA CIÊNCIA, TECNOLOGIA E INOVAÇÃO
GOVERNO FEDERAL
BRASIL
UNIÃO E RECONSTRUÇÃO

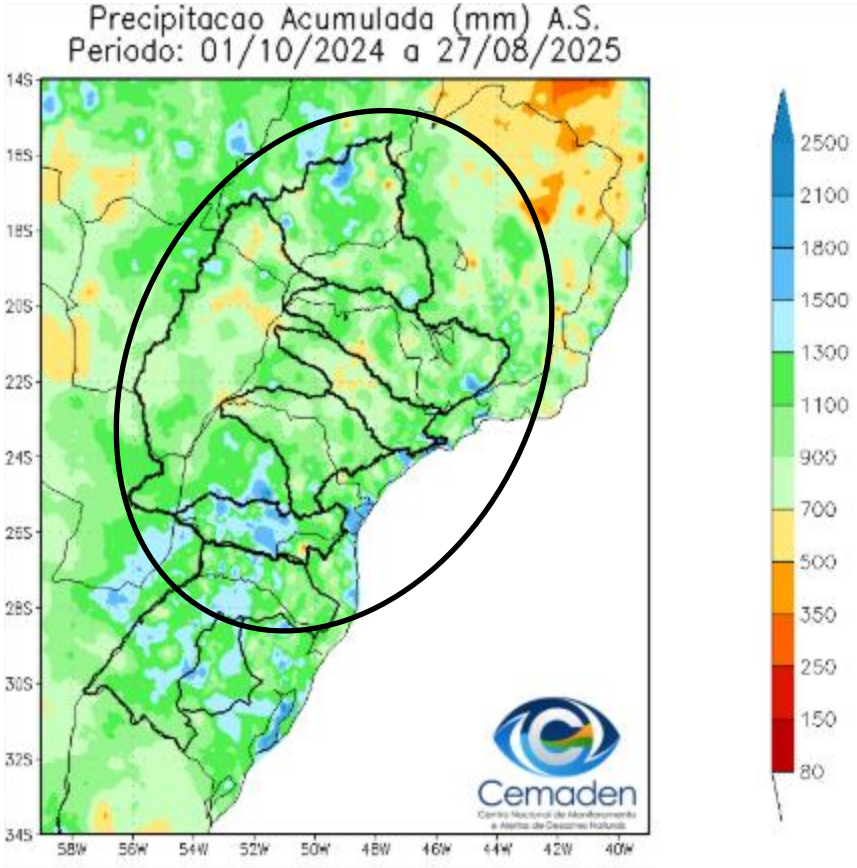
Precipitação acumulada nos últimos 30 dias

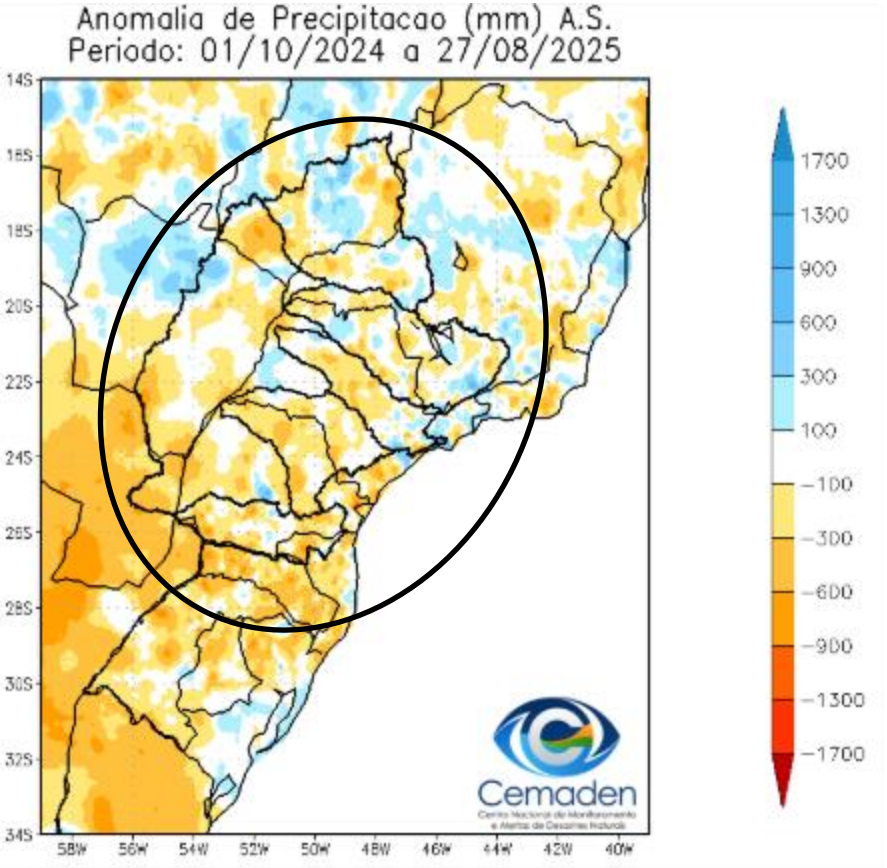




FONTE DOS DADOS INPE

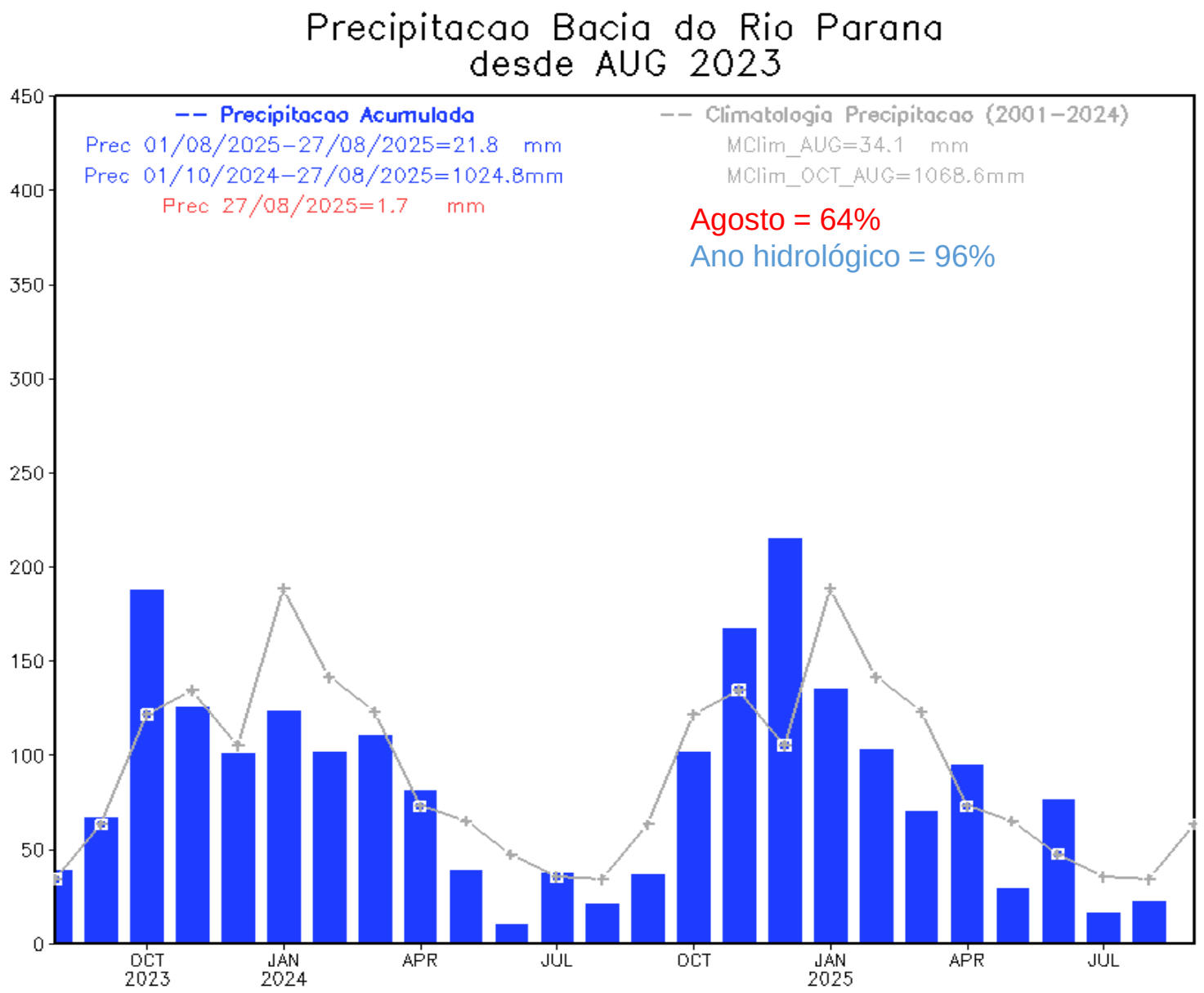
Precipitação acumulada no ano hidrológico 01/10/2024 a 24/04/2025





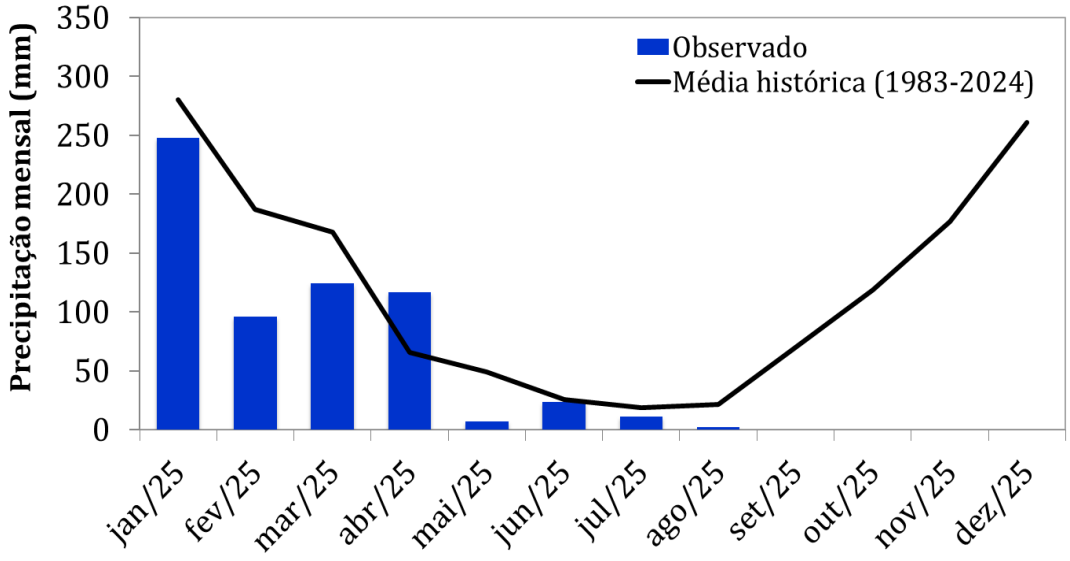
FONTE DOS DADOS INPE

Precipitação acumulada nos últimos 24 meses



FONTE DOS DADOS: INPE

Monitoramento UHE Furnas



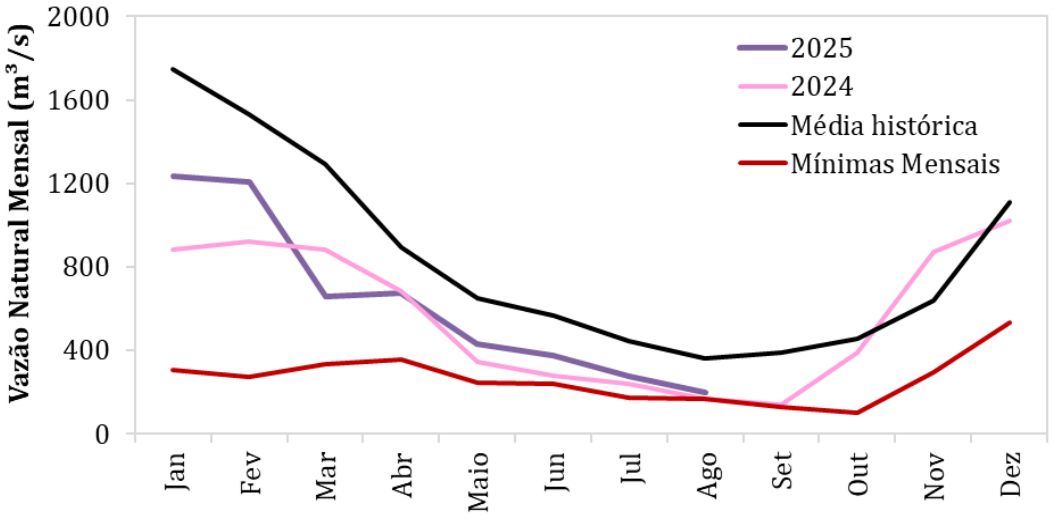
Precipitação

Estação Chuvosa - Out a Mar – 1192 mm
2023/2024: 1088 mm **(91% da MLT)**
2024/2025: 1148 mm **(96% da MLT)**

Estação Seca - Abr a Set – 250 mm
2024: 102 mm **(41% da MLT)**
2025*: 160 mm **(79% da MLT PARCIAL)**

Ago/2025*: 2 mm **(MLT = 21 mm)**

Até 26/08/2025



Vazão

Estação Chuvosa - Out a Mar – 1130 m³/s
2023/2024: 716 m³/s **(63% da MLT)**
2024/2025: 897 m³/s **(79% da MLT)**

Estação Seca - Abr a Set – 551 m³/s
2024: 309 m³/s **(56% da MLT)**
2025: 391 m³/s **(71% da MLT)**

Ago/25:** 200 m³/s **(56% da MLT)**
26/Ago/25: 106 m³/s **(29% da MLT)**

*****Até 26/08/2025***

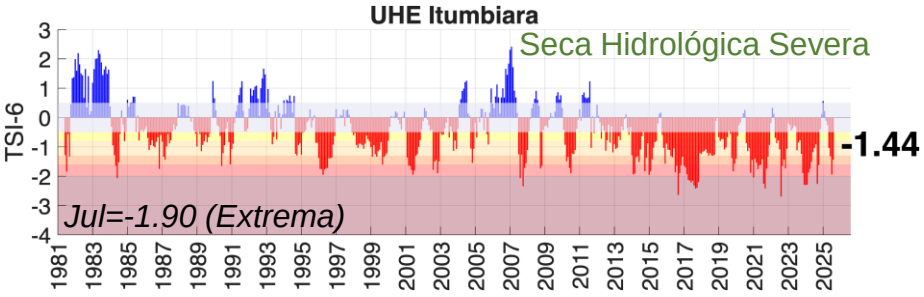
Média de Longo Termo – MLT = 1983-2024

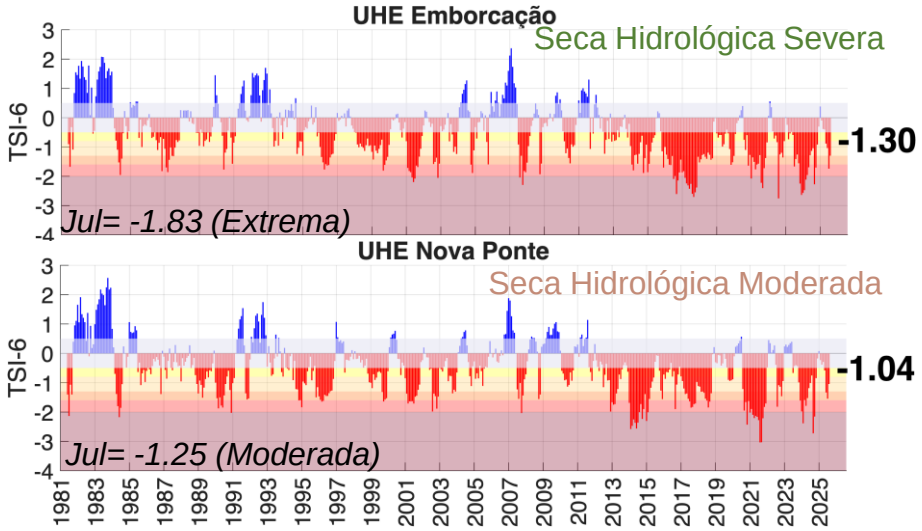
Dados de precipitação: INMET, ANA, CEMADEN
Dados de vazão: ONS e ANA

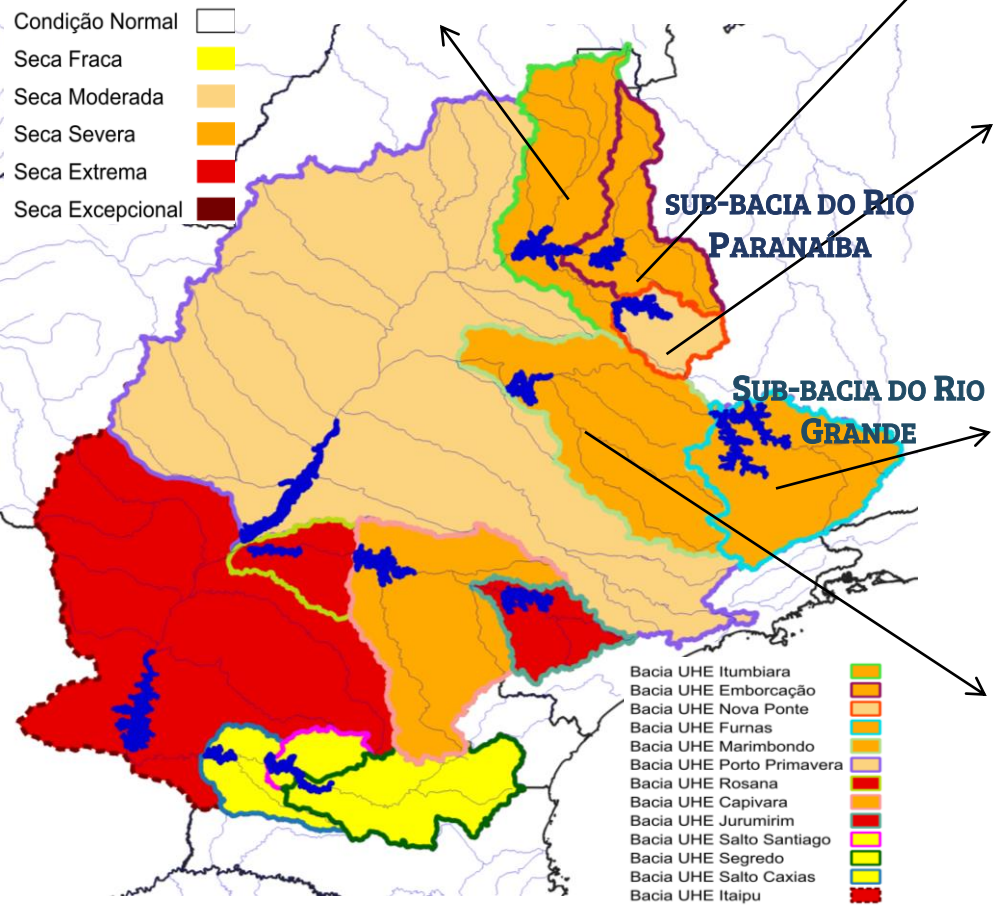
BACIA DO RIO PARANÁ

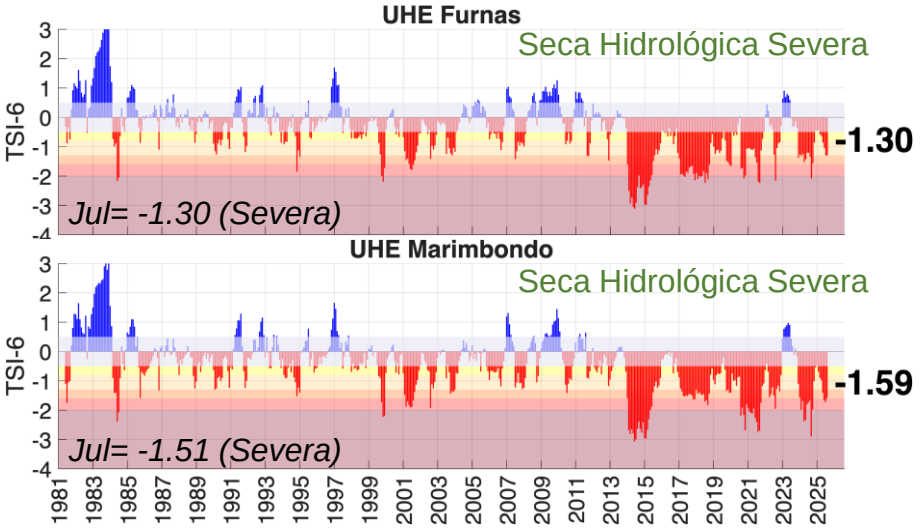
Índice de Seca Bivariado (**Chuva-Vazão**) – TSI 6

Agosto/2025





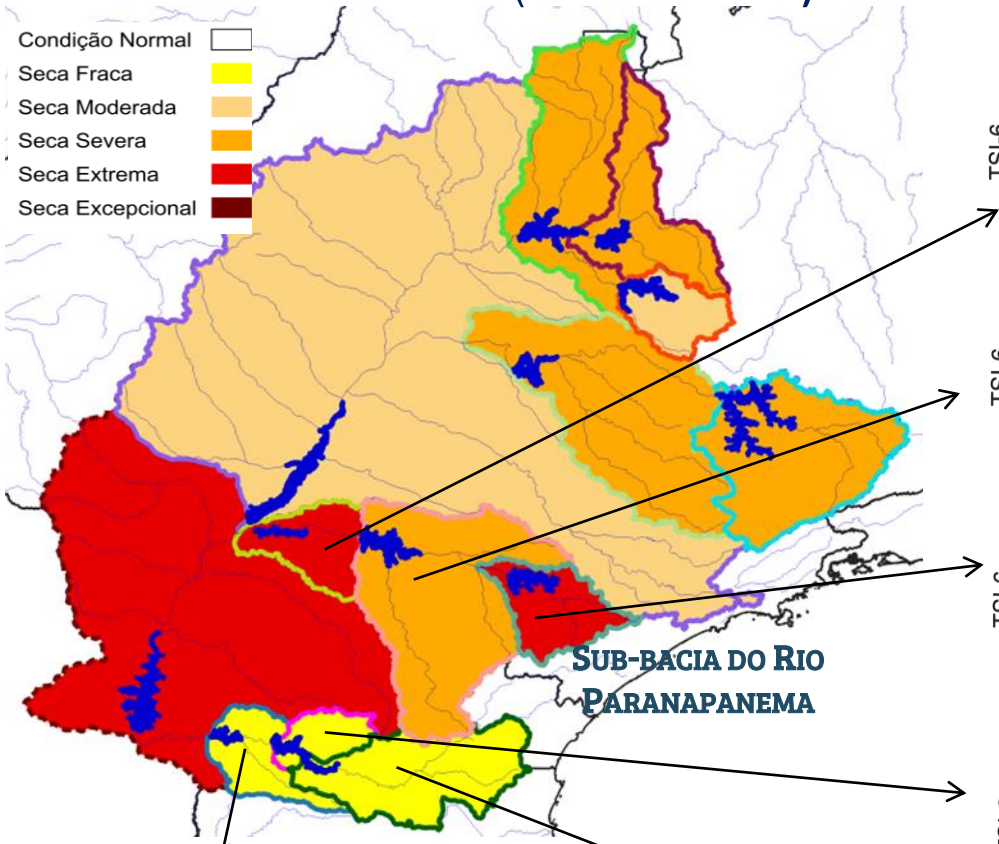


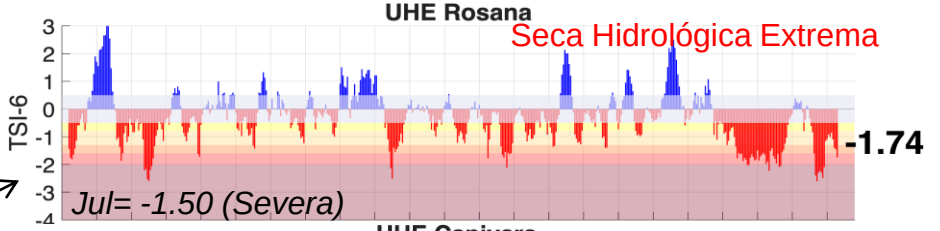


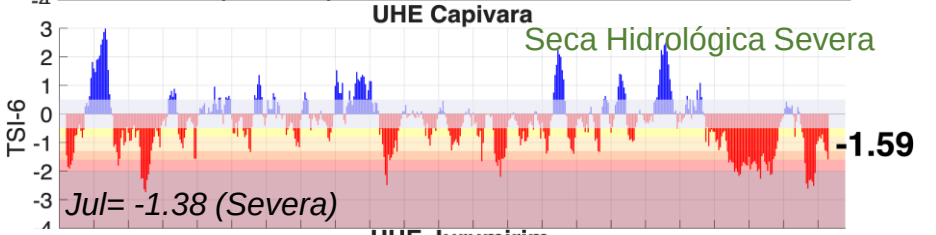
BACIA DO RIO PARANÁ

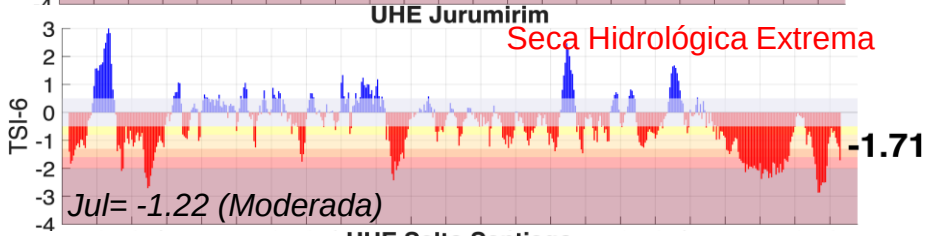
Índice de Seca Bivariado (**Chuva-Vazão**) – TSI 6

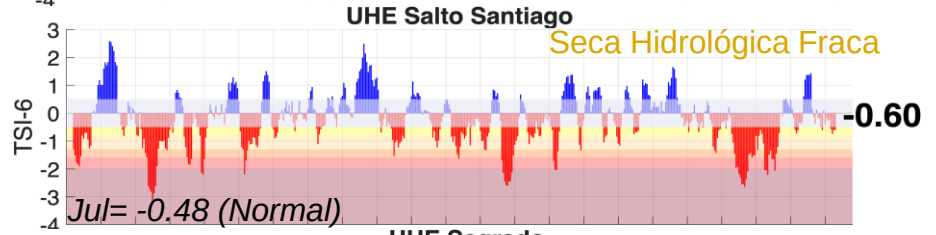
Agosto/2025

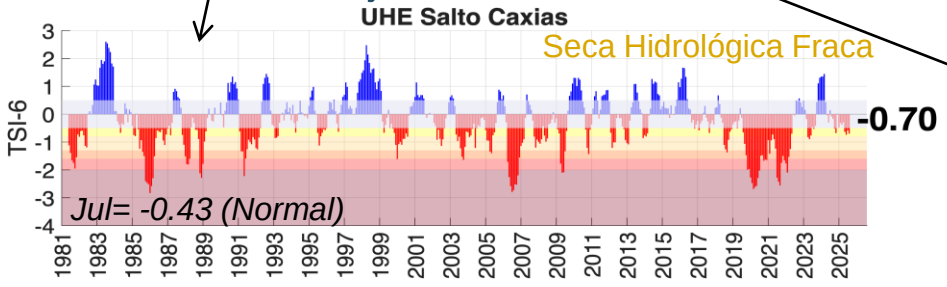


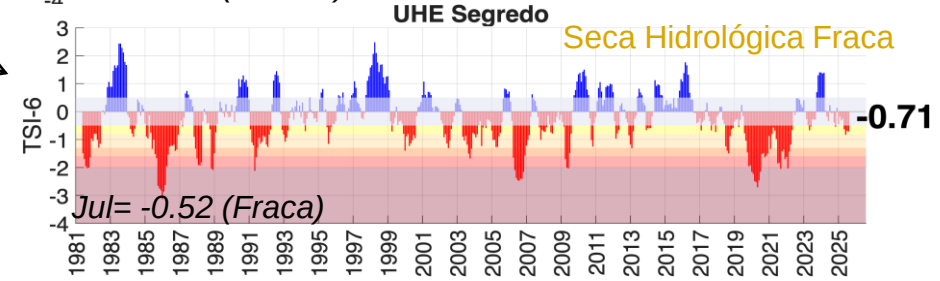






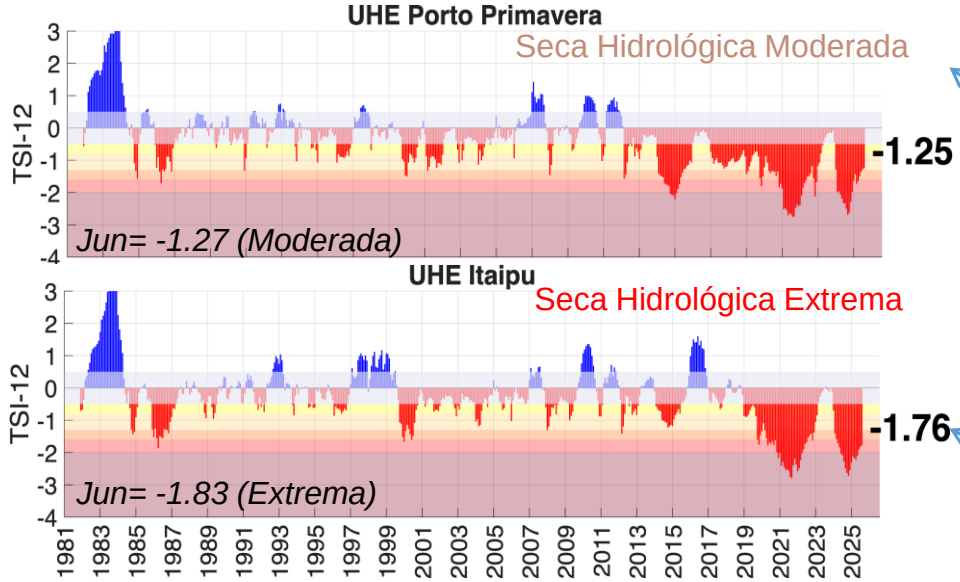




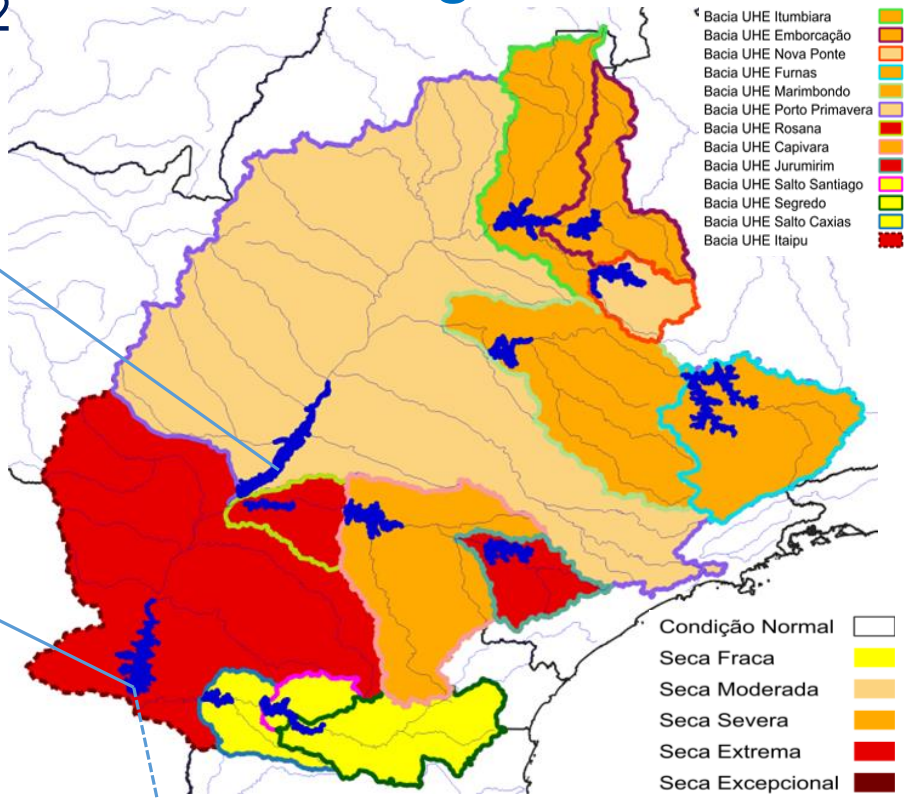


BACIA DO RIO PARANÁ

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

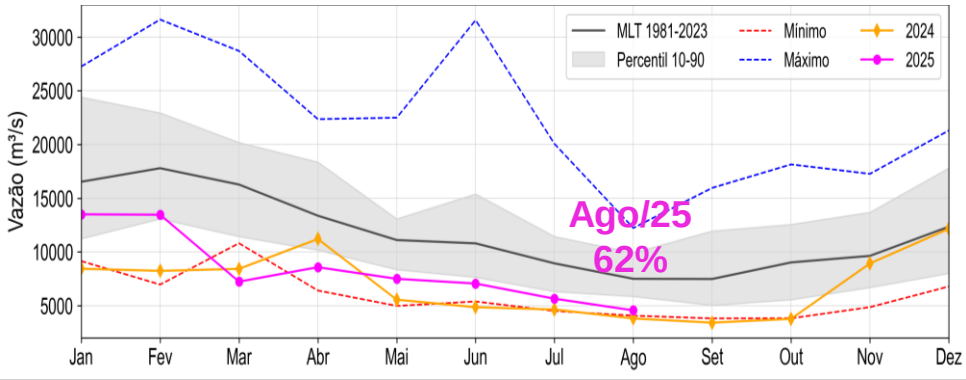


Agosto/2025



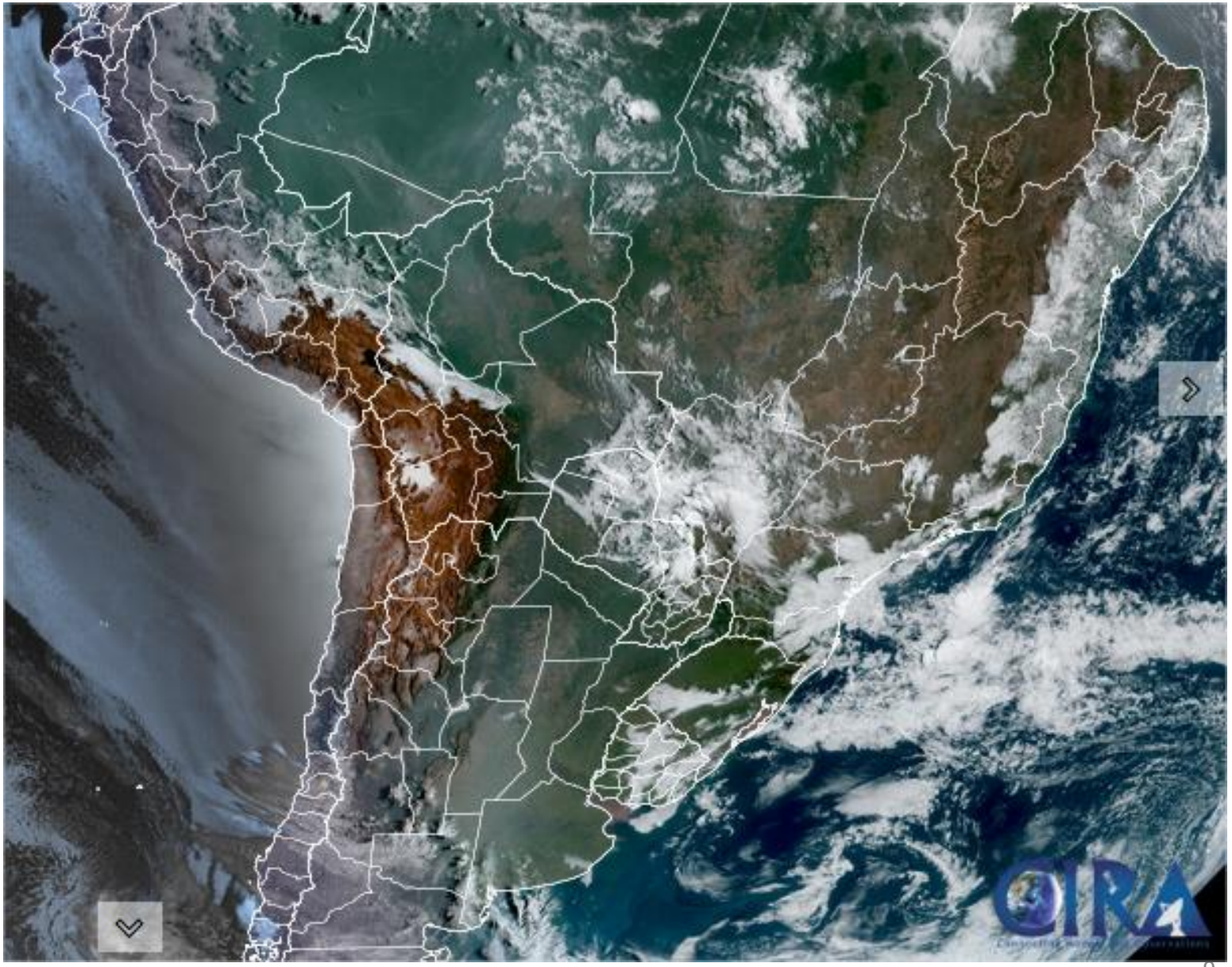
Série de dados = Jan/1981- Agosto/2025

VAZÃO NATURAL - ITAIPU

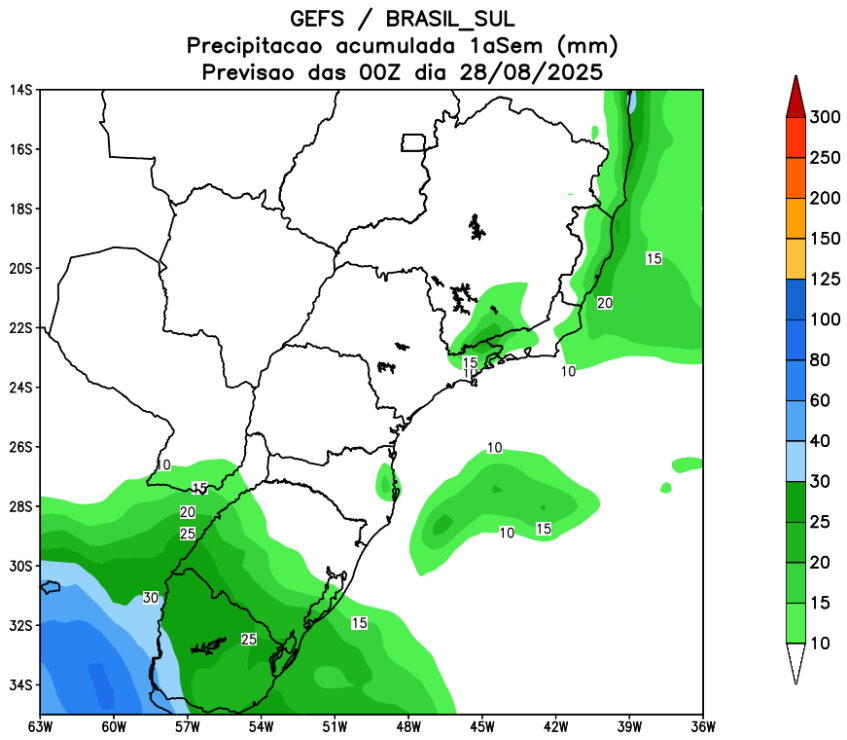


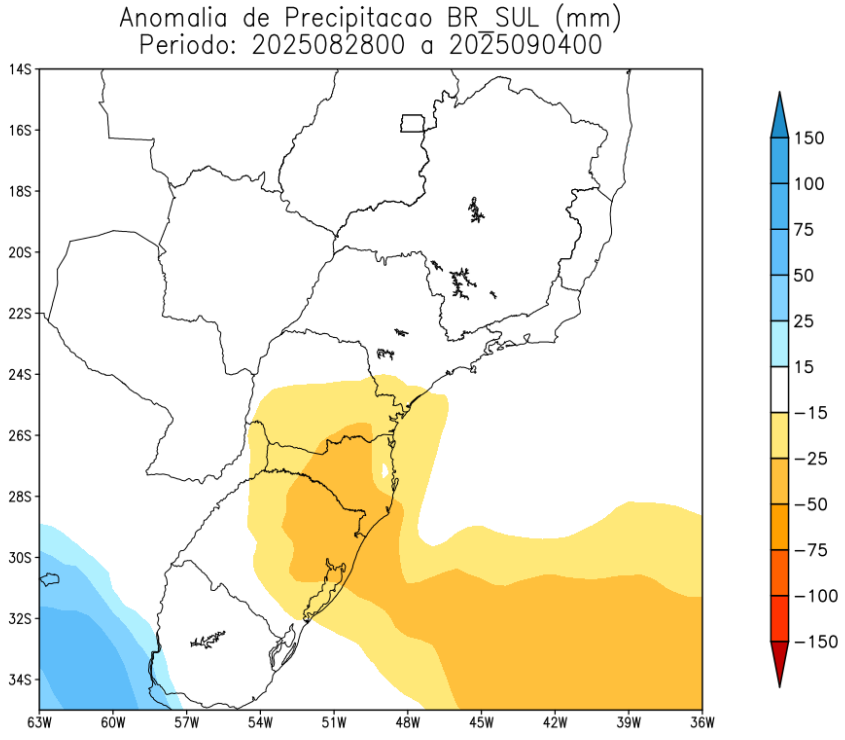
Fonte: CEMADEN/MCTI
Dados: Precipitação (CHIRPS) e Vazão (ONS e ANA)

Situação meteorológica atual



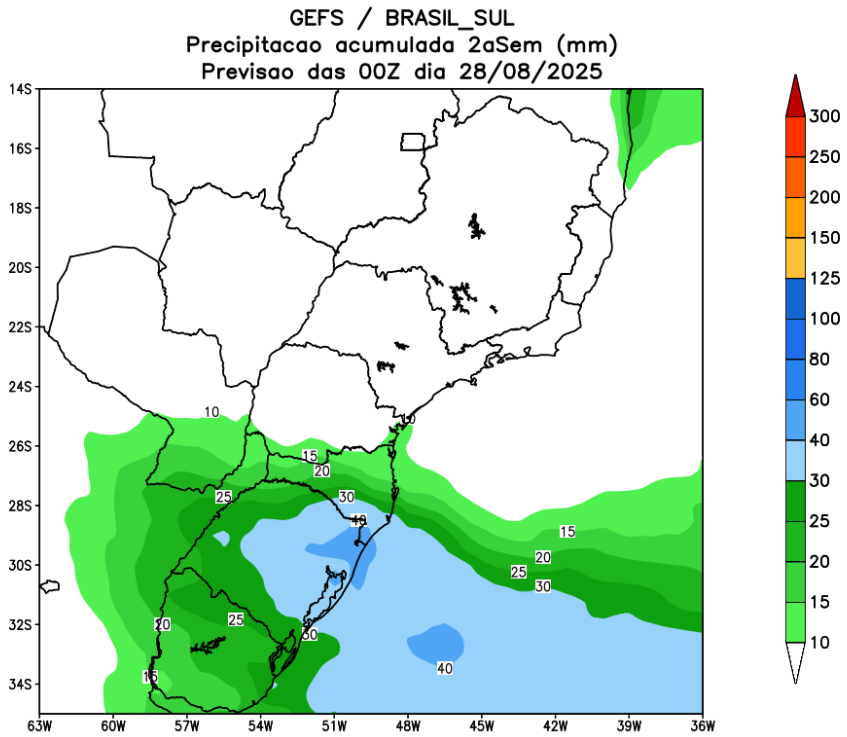
Previsão de chuva para os próximos 7 dias

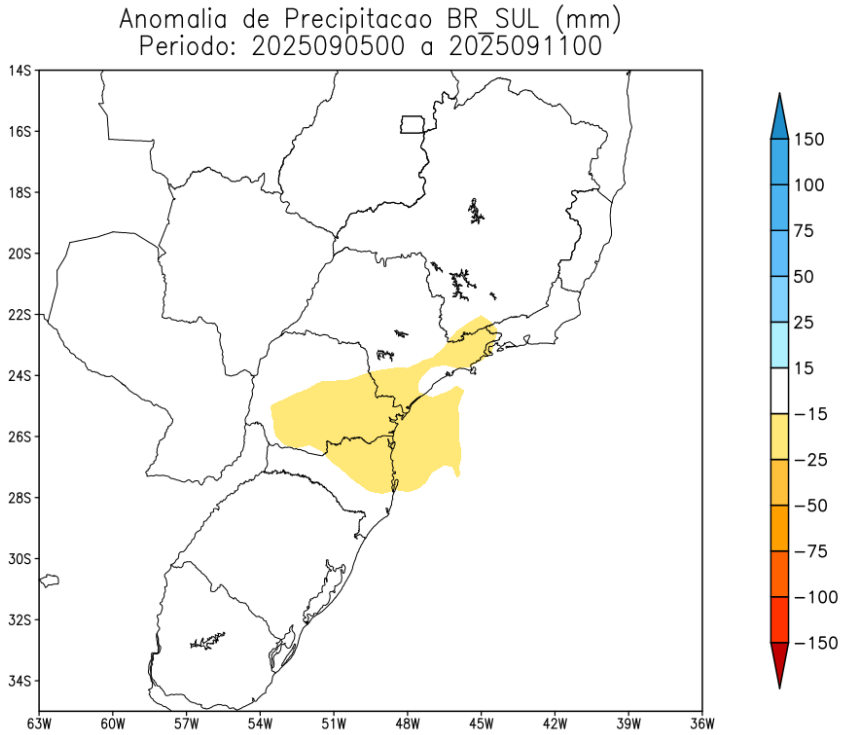




Fonte: GEFS/NOAA

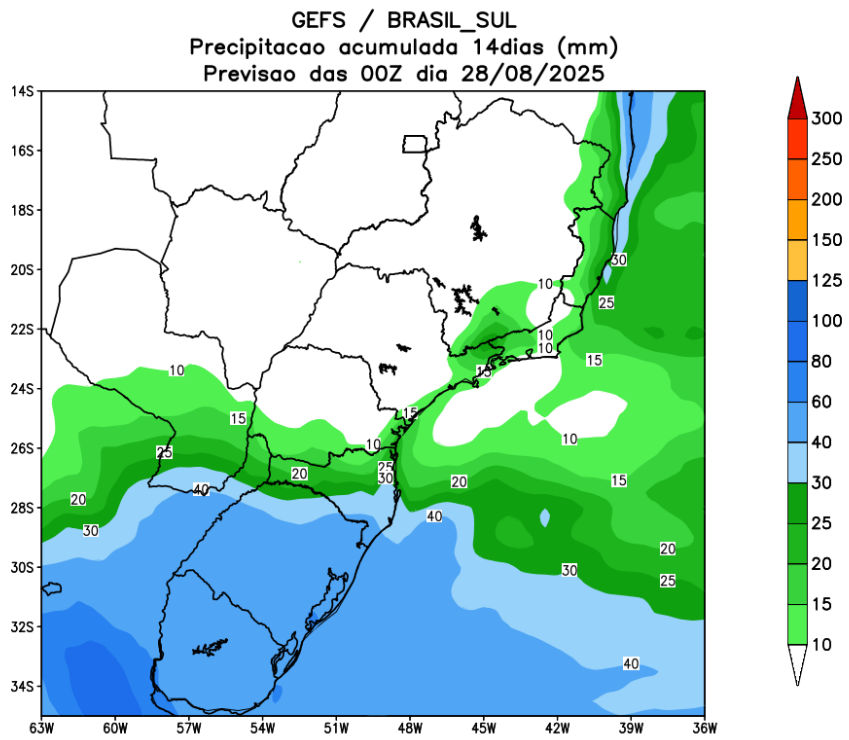
Tendência para a 2ª Semana

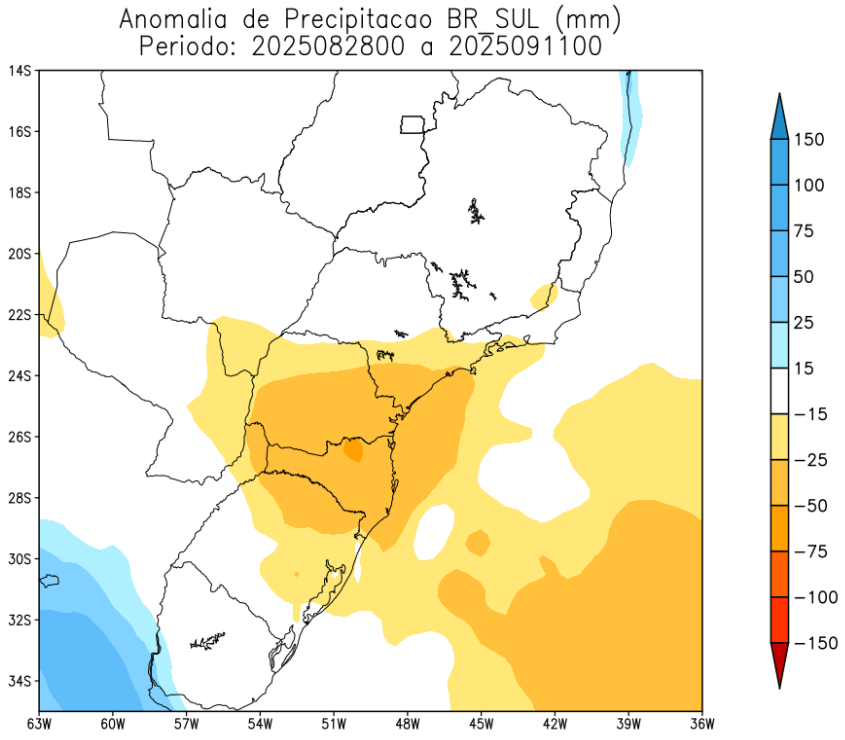




Fonte: GEFS/NOAA

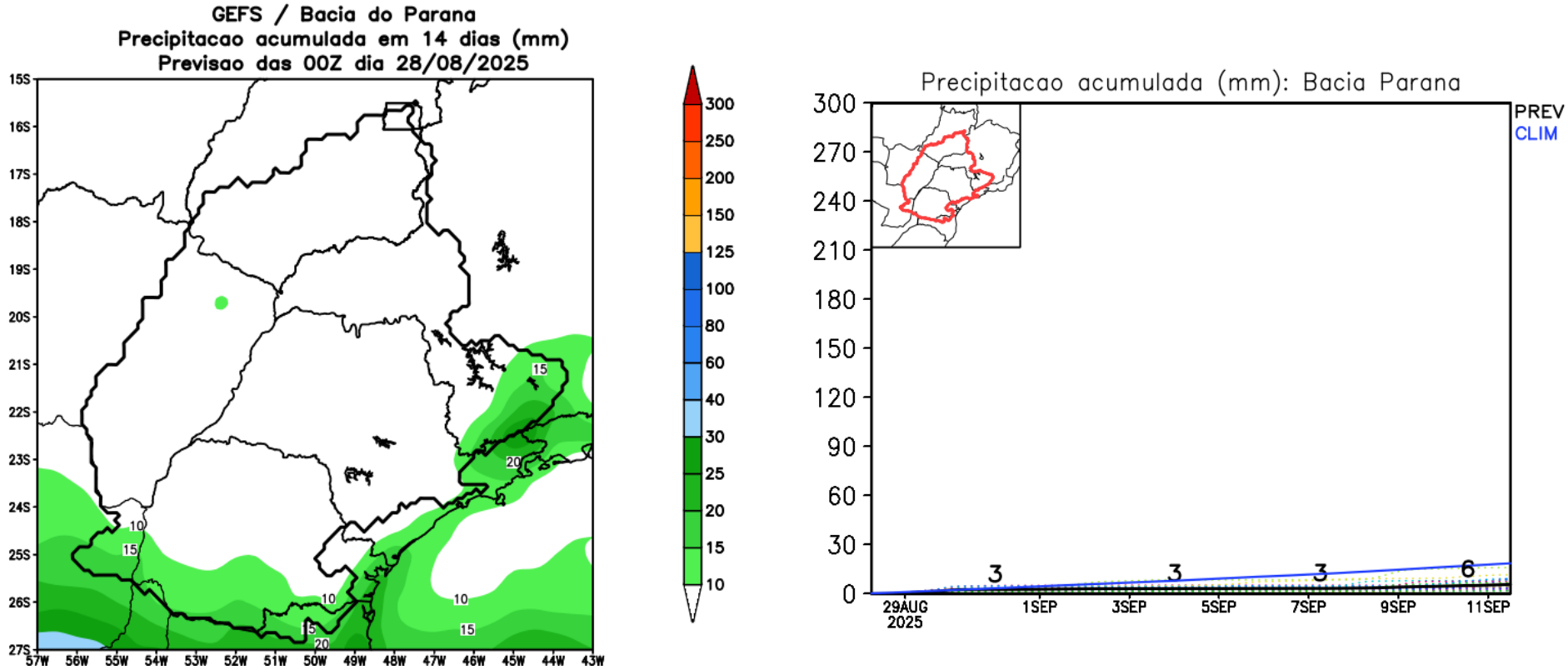
Acumulado para as duas próximas semanas





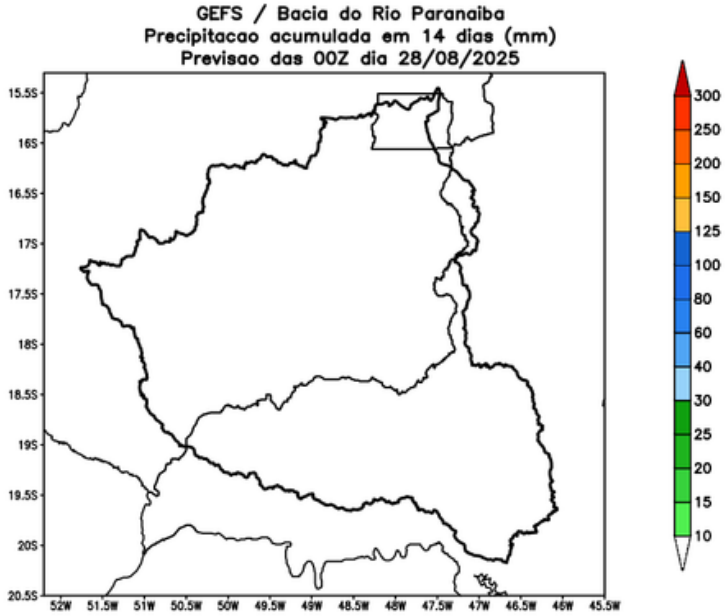
Fonte: GEFS/NOAA

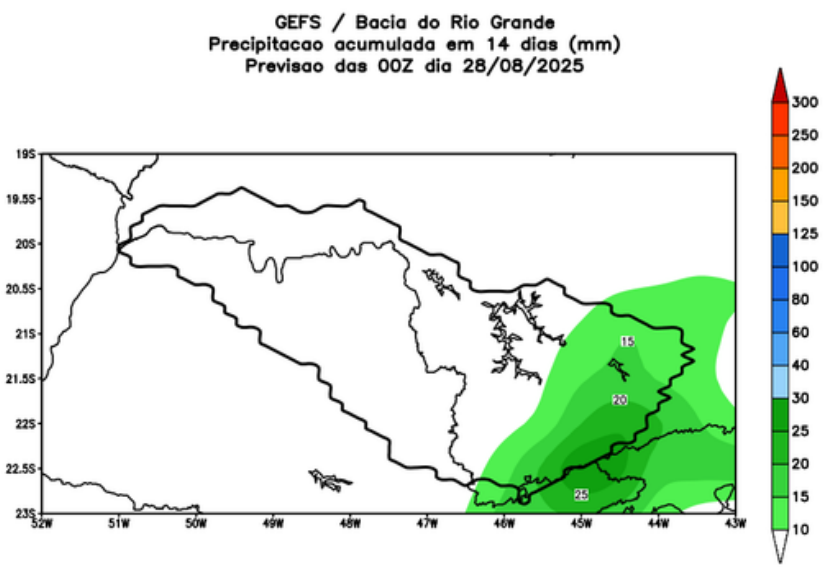
Previsão de chuva para os próximos 14 dias

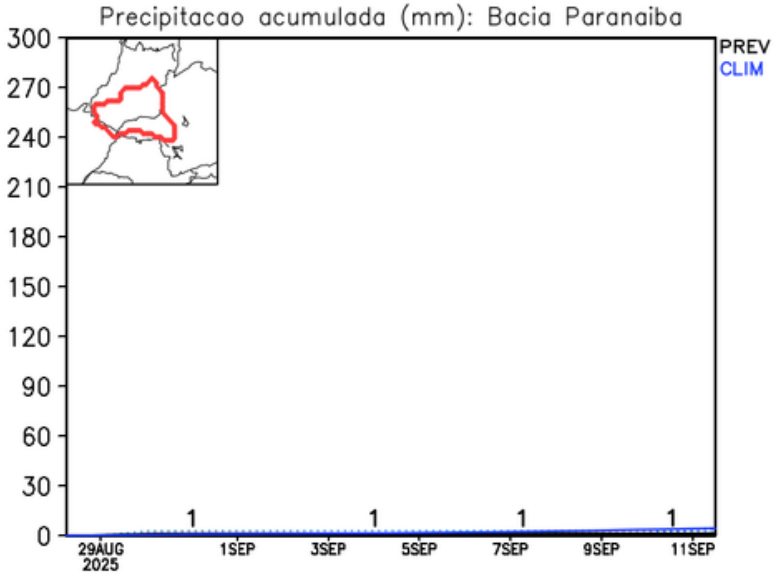


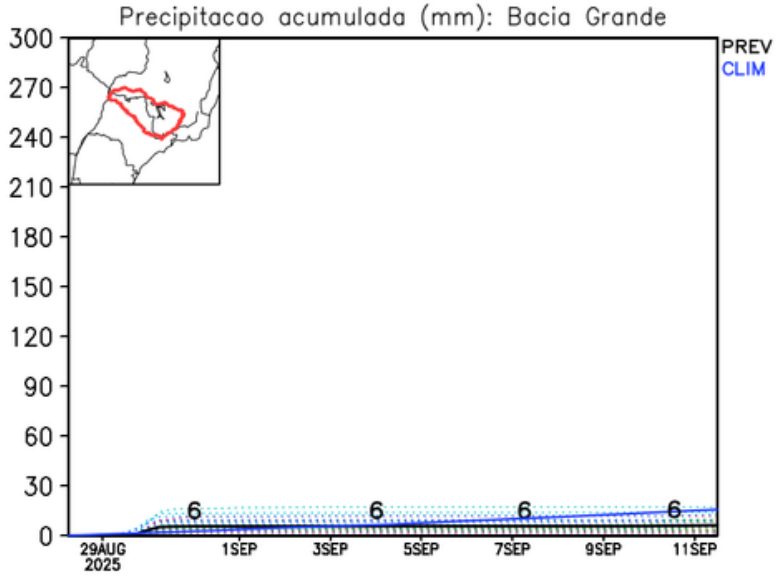
Fonte: GEFS/NOAA

Bacia do rios Paranaíba e Grande



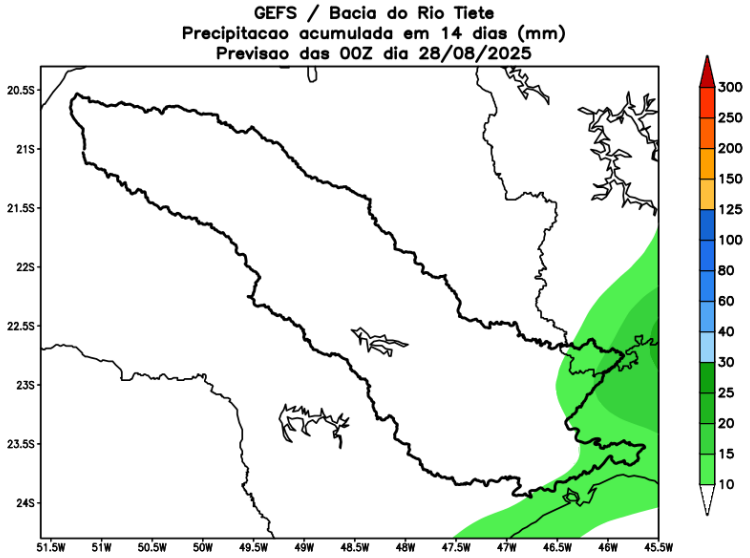


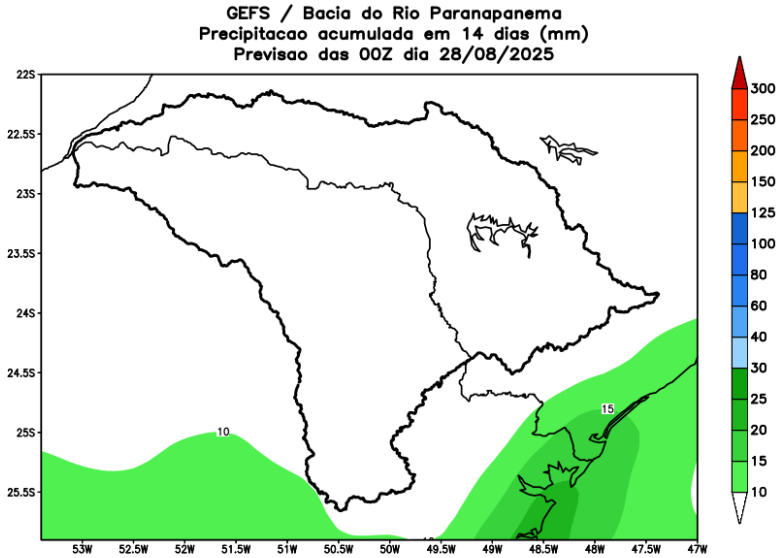


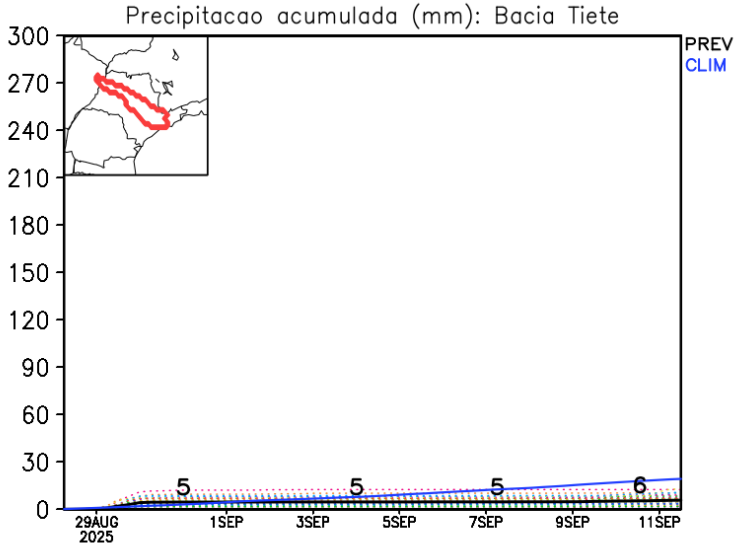


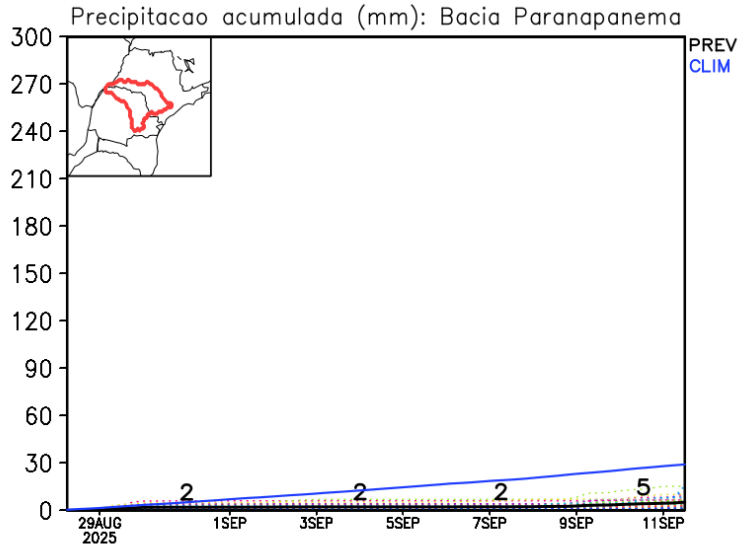
Fonte: GEFS/NOAA

Bacia do rios Tietê e Paranapanema



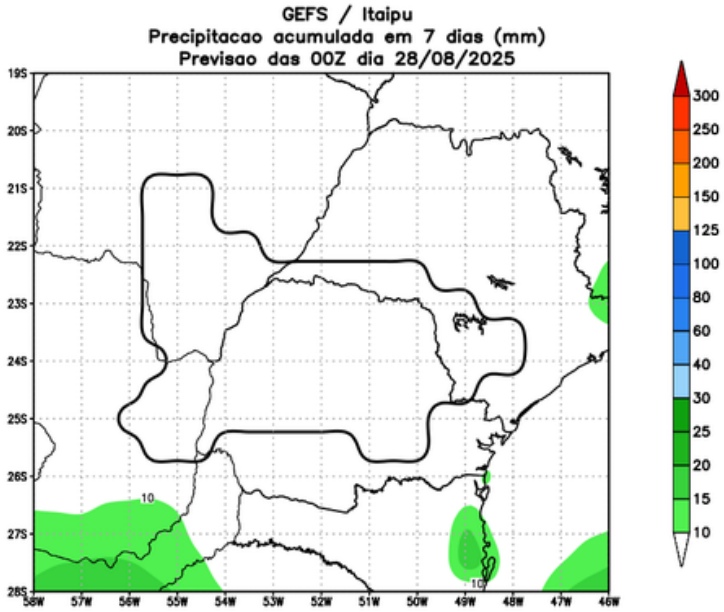


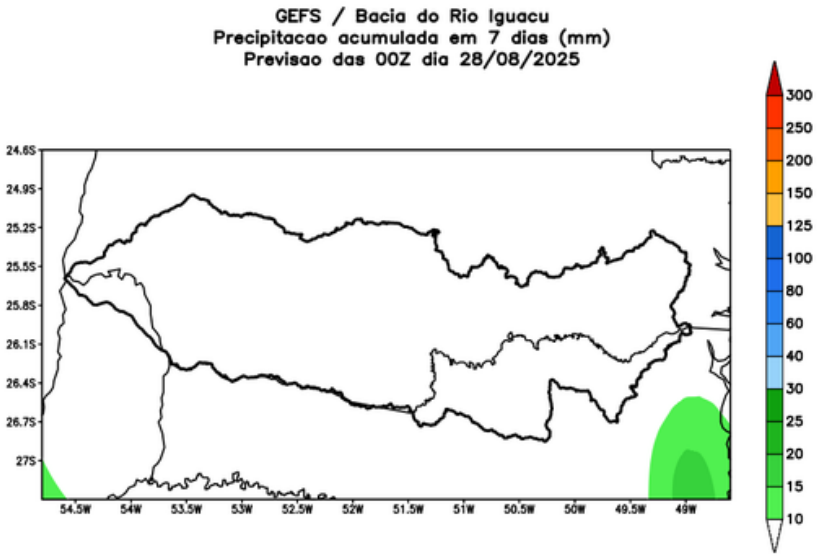


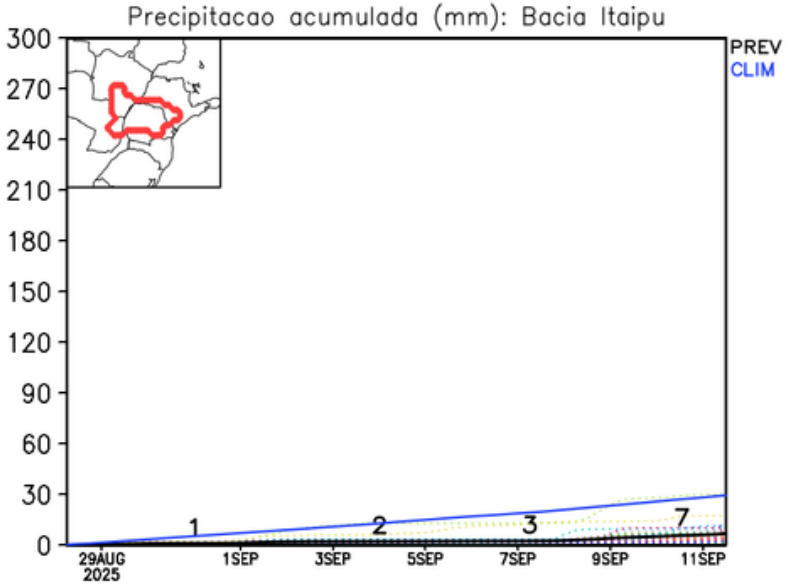


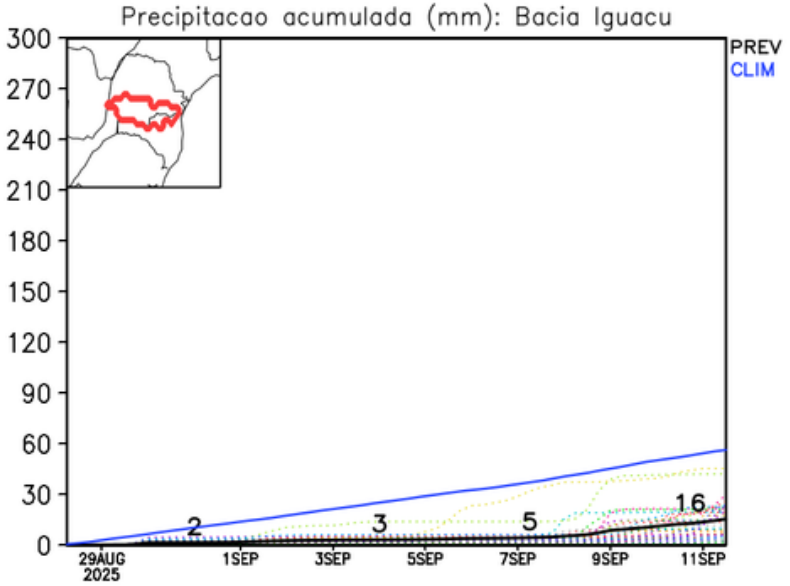
Fonte: GEFS/NOAA

Bacia do Itaipu e Iguaçu



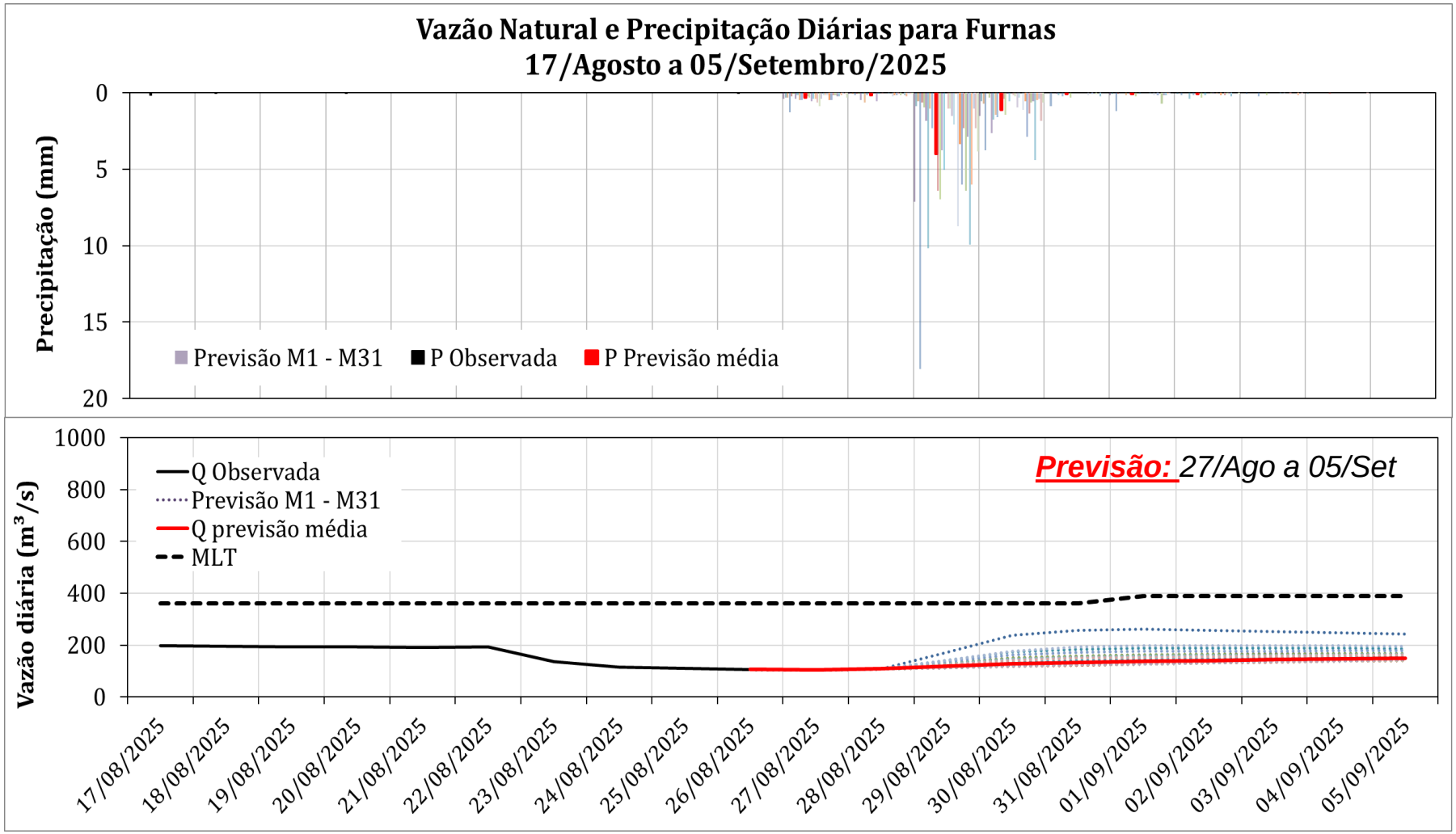






Fonte: GEFS/NOAA

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



Previsão média para os próximos 10 dias: 130 m³/s

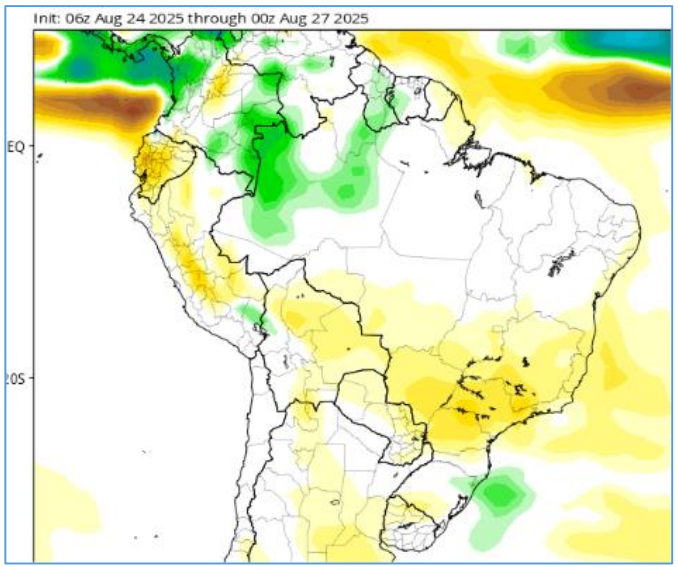
(36% da MLT Agosto e 33% MLT Setembro)

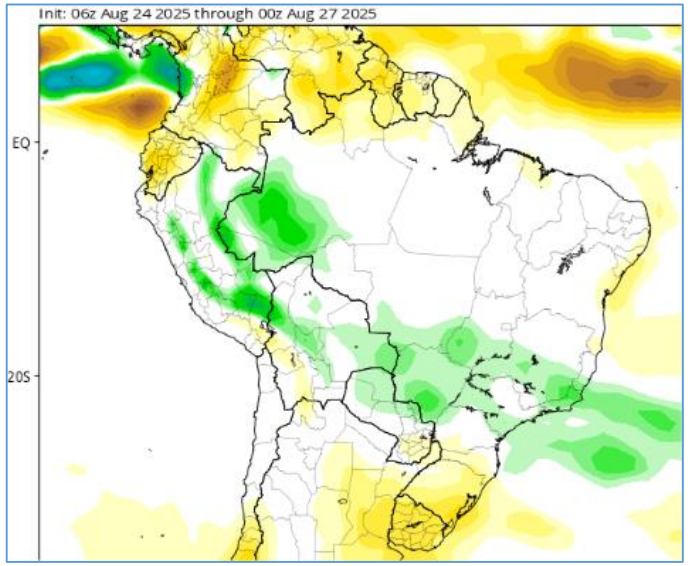
Tendência 3a e 4a semanas

10-17 Set

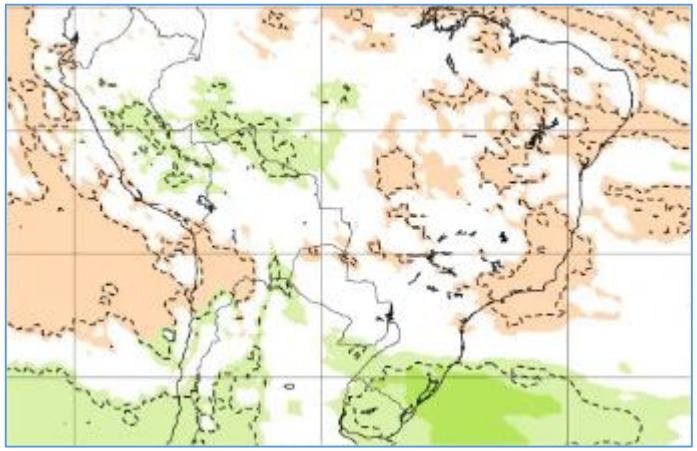
17-24 Set

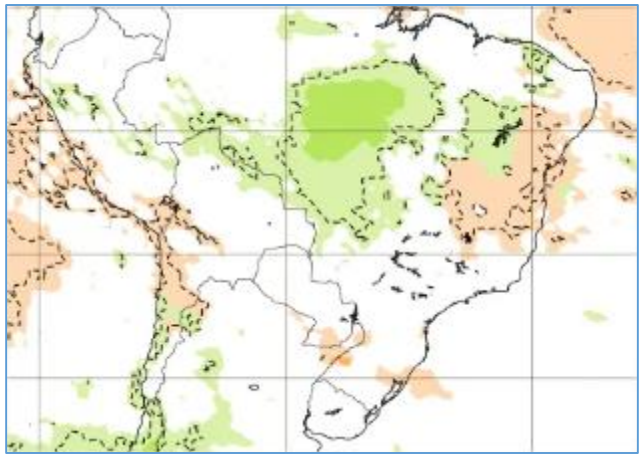
CFS/NOAA





ECMWF



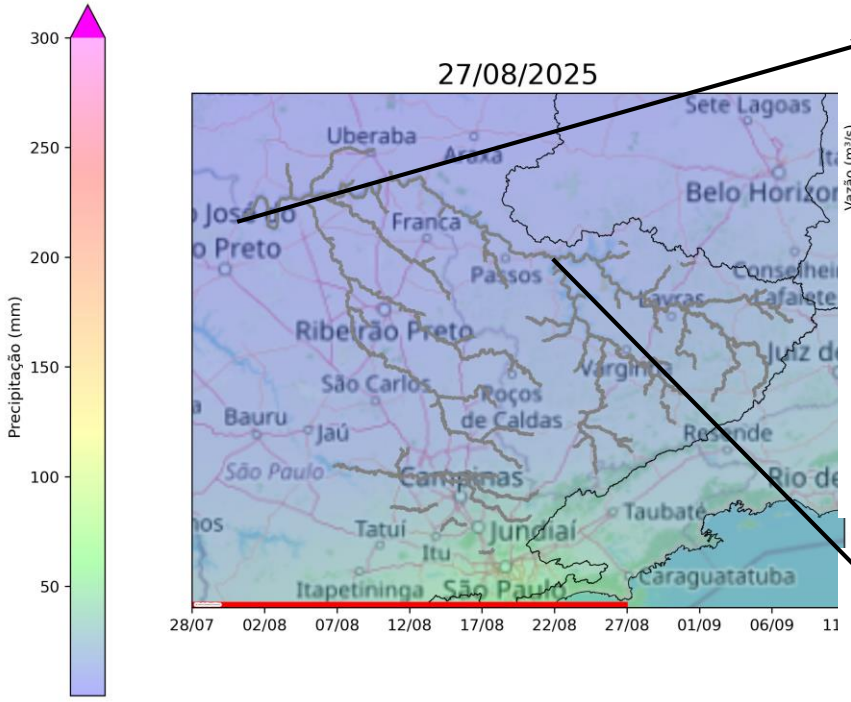


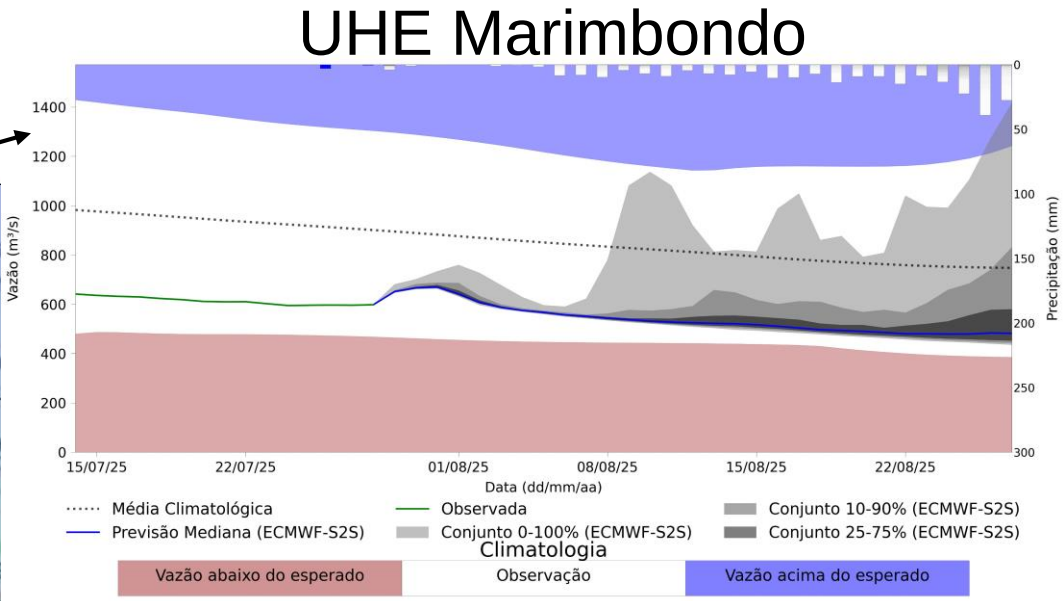
08-15 Set

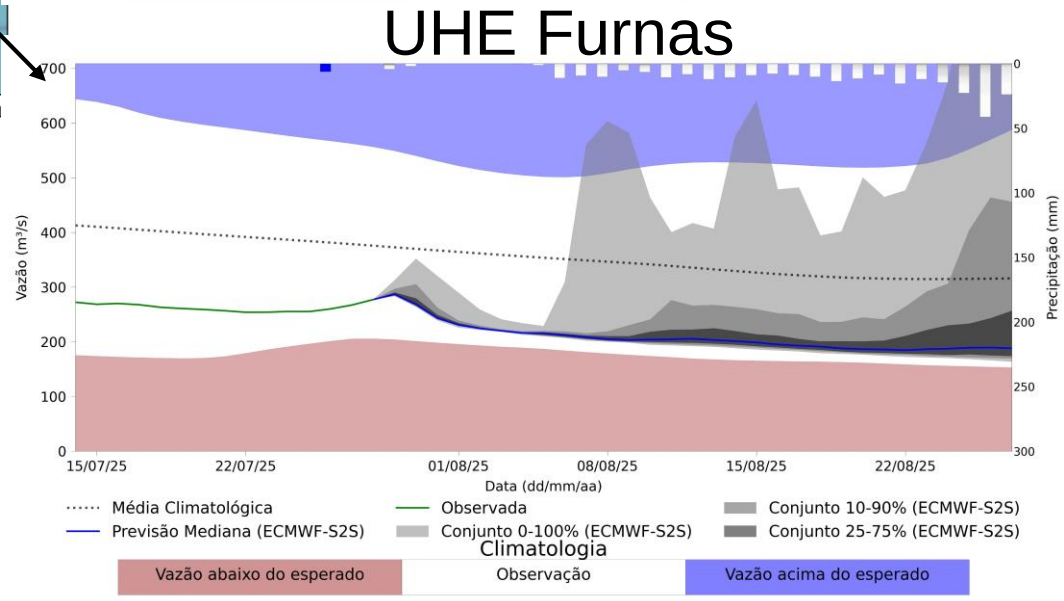
15-22 Set

Previsão de vazão natural na Bacia do Rio Grande
30 dias (Modelo hidrológico MHD)

PREVISÃO: 28/07/25 a 27/08/25







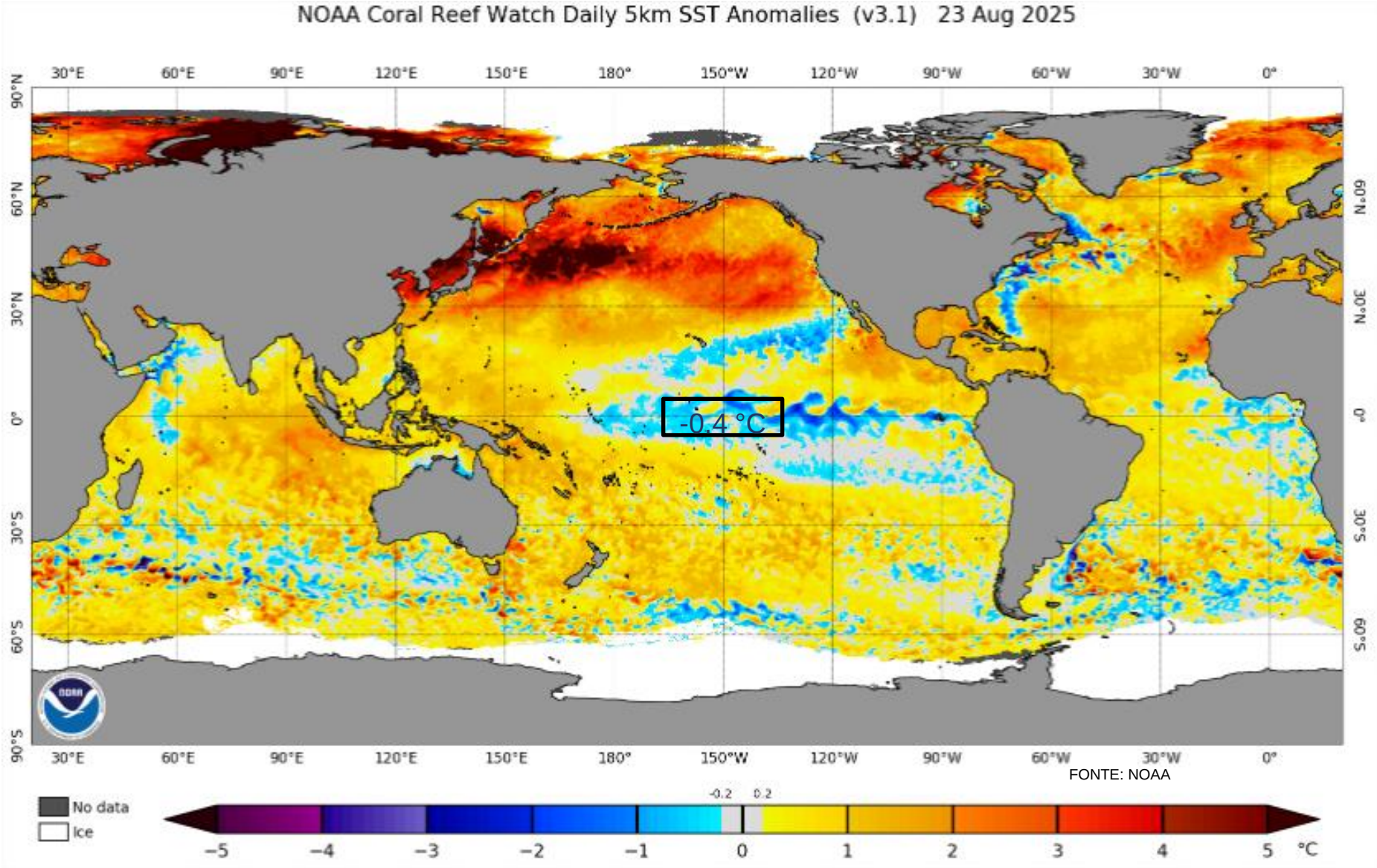
Fonte: Meteorologia (INMET/MERGE); Vazão (ANA/ONS)
MLT: 1993-2024
Previsão Meteorológica: ECMWF-S2S

Cemaden
Centro Nacional de Monitoramento e Alertas de Desastres Naturais

MINISTÉRIO DA CIÊNCIA, TECNOLOGIA E INOVAÇÃO

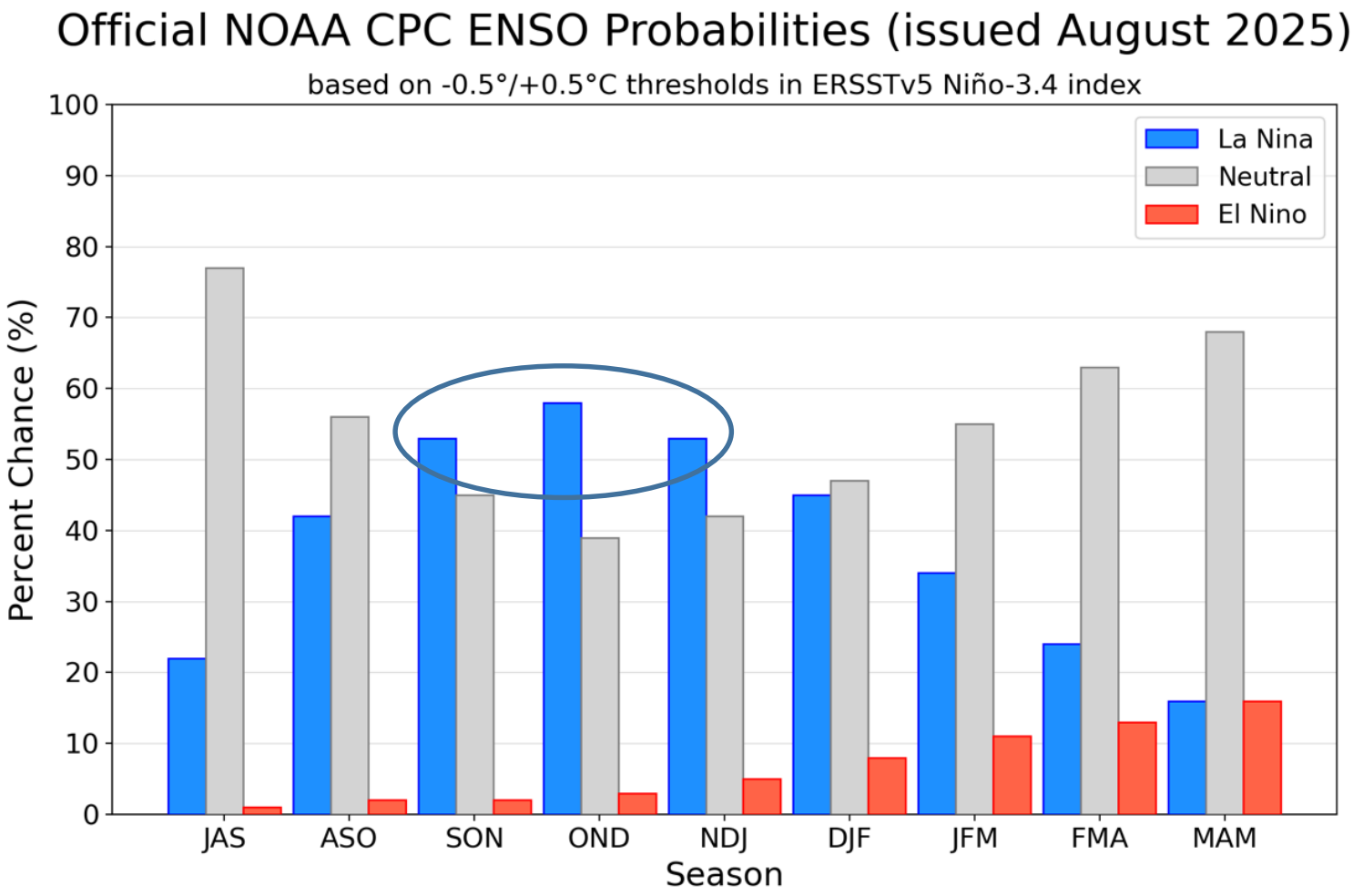
GOVERNO FEDERAL
BRASIL
UNIÃO E RECONSTRUÇÃO

Status Atual: La Niña Watch

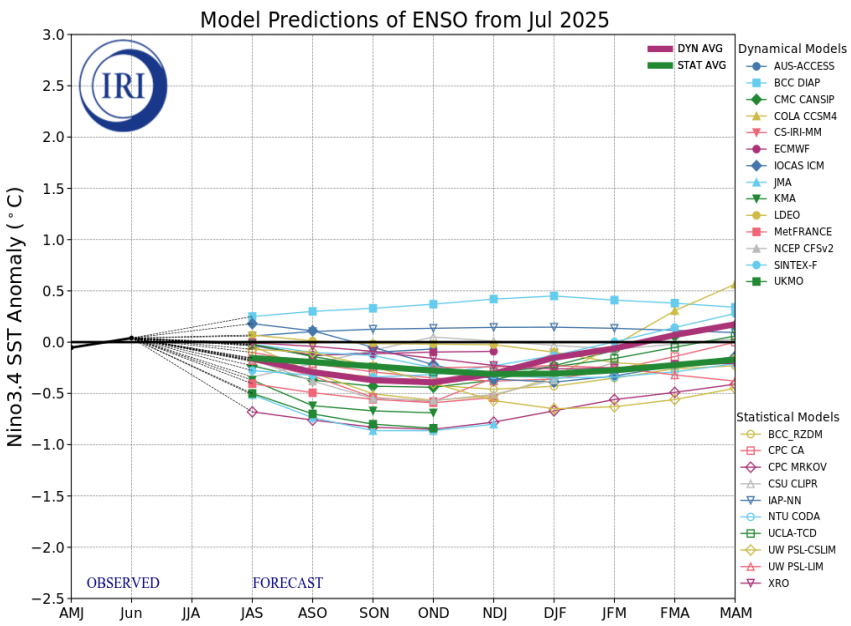


FONTE: NOAA

Previsão do “ENSO”



Previsão do “ENSO”



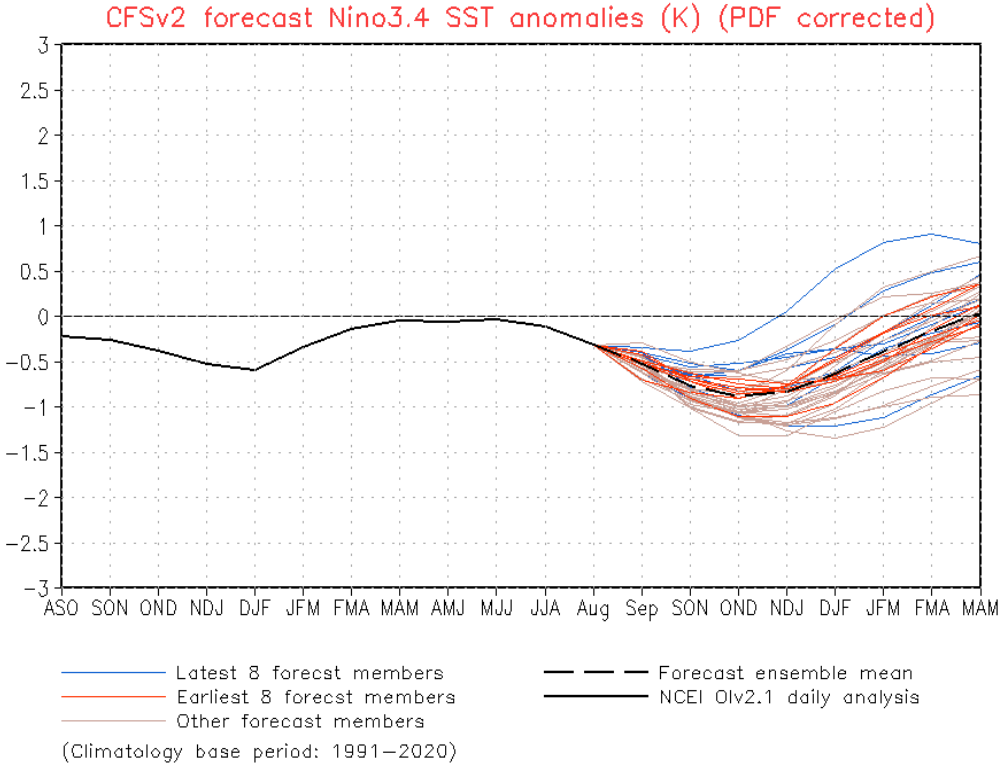
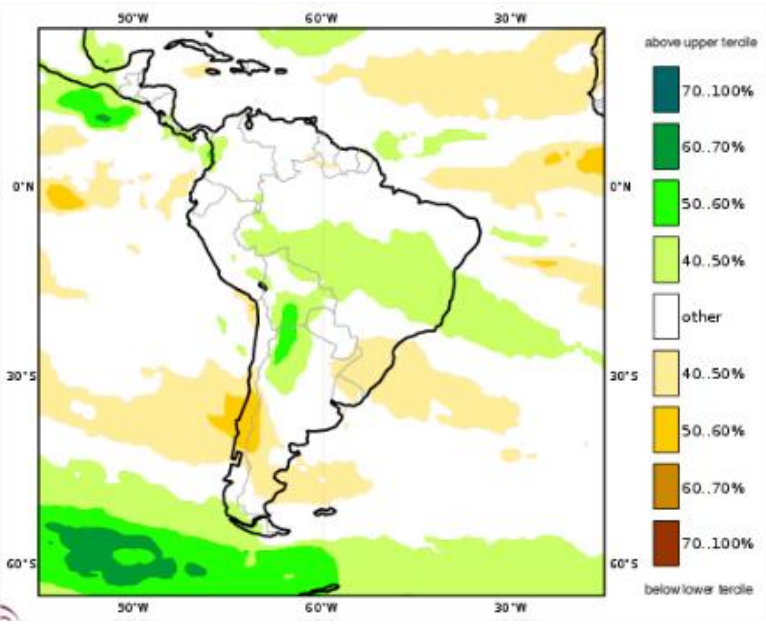


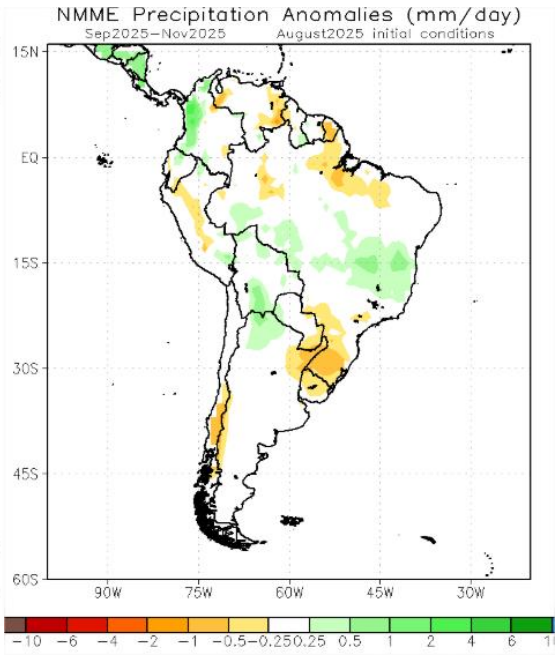
Figure provided by the International Research Institute (IRI) for Climate and Society (updated 18 July 2025).

Previsão Sazonal de Chuva Multi-Modelo

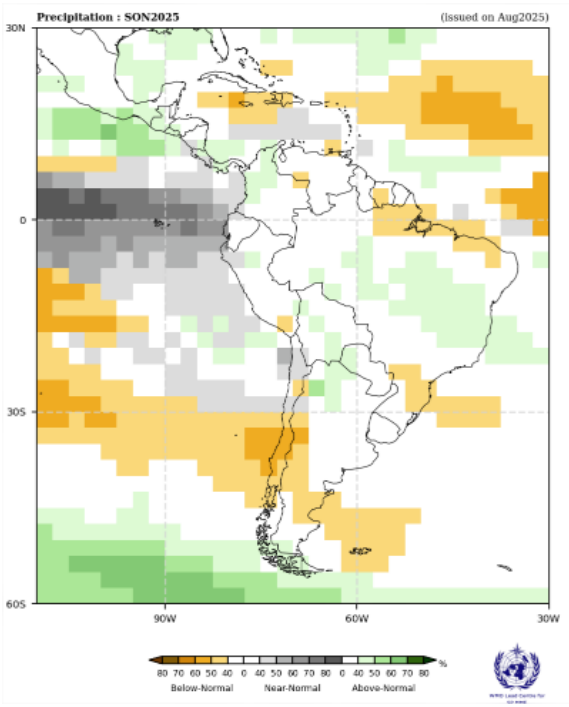
Setembro-Outubro-Novembro



Modelos “Europeus”



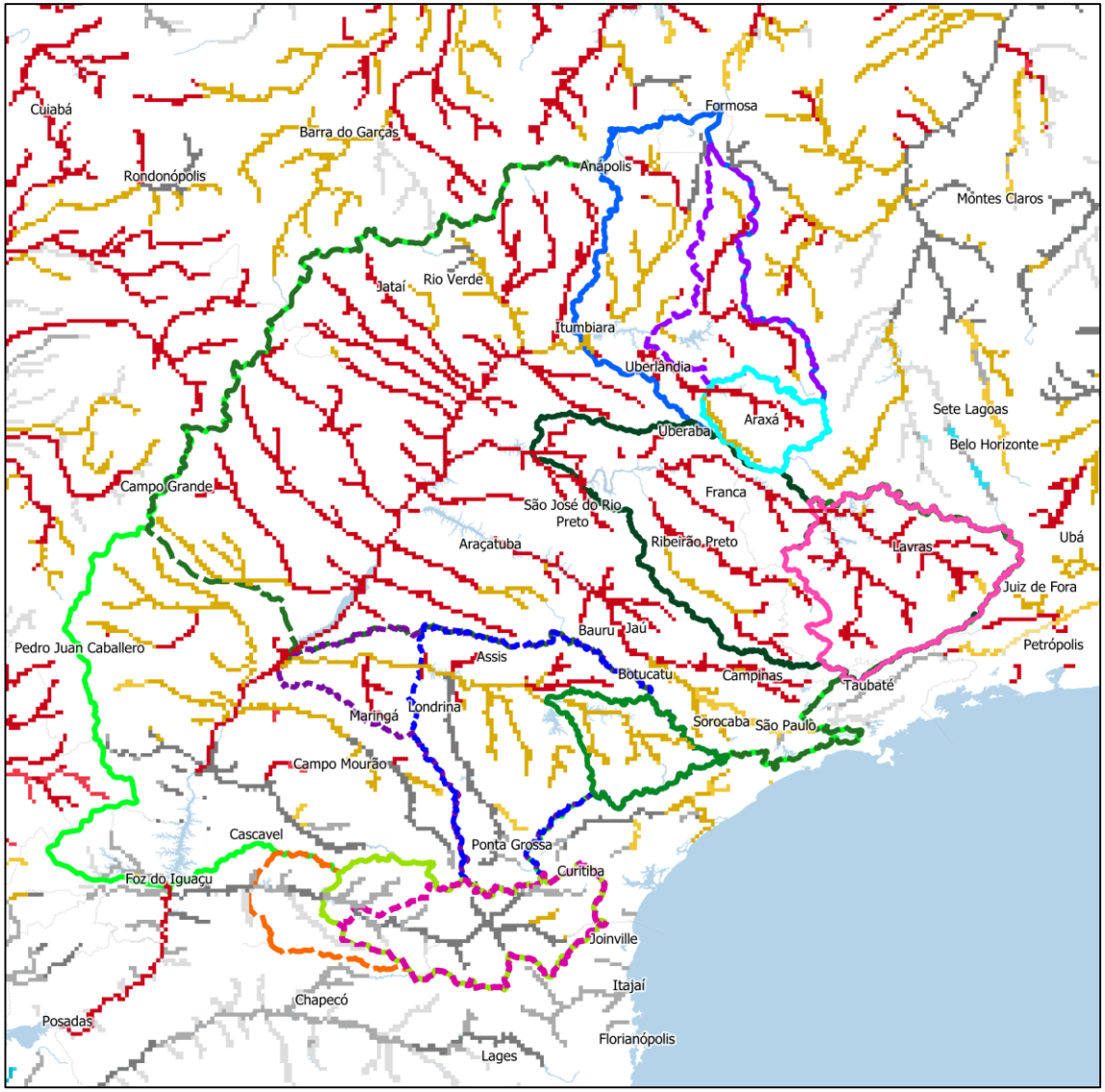
Modelos Norte Americanos



Modelos da WMO

Previsão Sub-sazonal (45 dias) para a Bacia do Paraná (Sistema Global de Previsão de Vazão - GloFAS)

Previsão: 27/08/2025 – 06/10/2025



- 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 para as vazões (percentil)

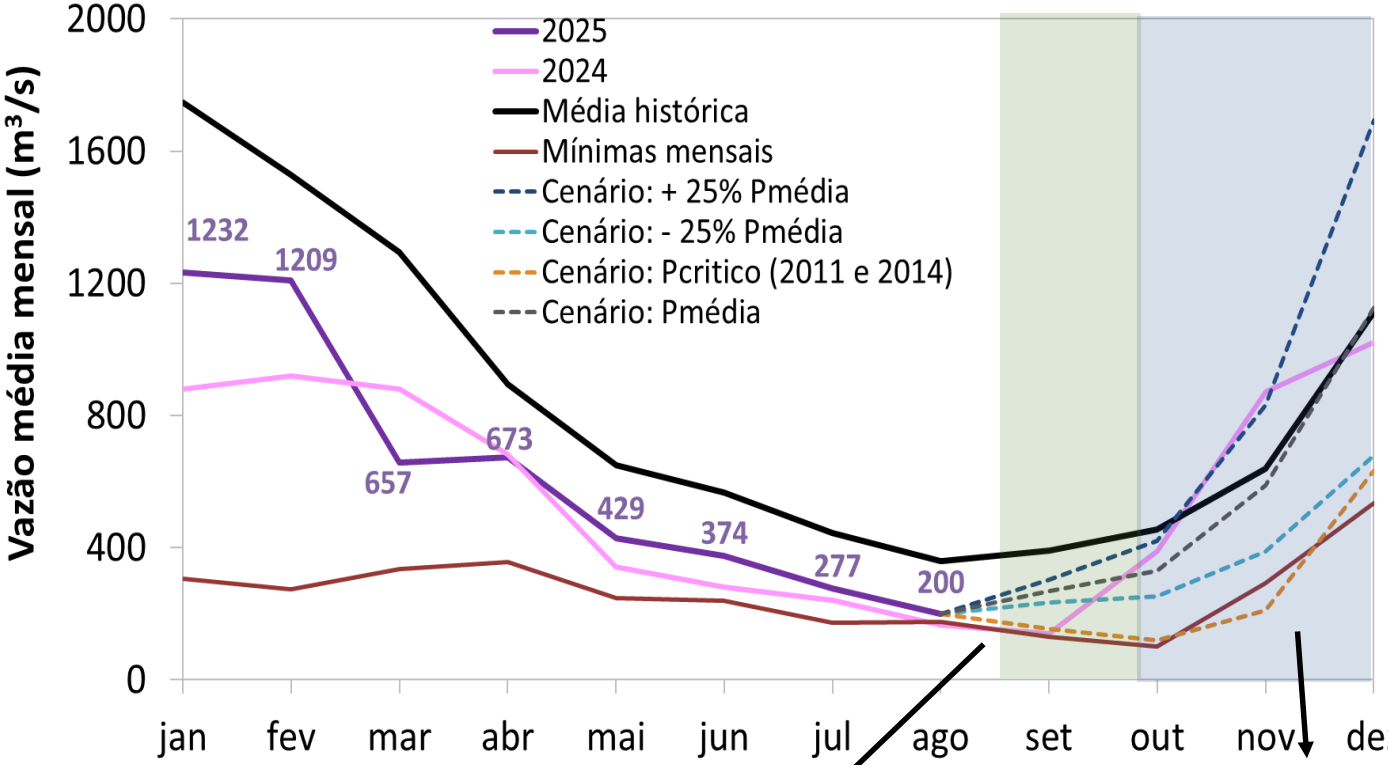
- Muito abaixo (1-10)
- Abaixo (10-25)
- Próximo da média (25-75)
- Acima (75-90)
- Muito acima (90-100)

Fonte: Previsão Meteorológica: ECMWF
Previsão de vazão: Lisflood/GloFAS Forecast
https://www.globalfloods.eu/glofas-forecasting/

Cemaden

Copernicus
Europe's eyes on Earth

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



Set (Mes Seco)
MLT: 390 m³/s

Vazão	% MLT
303 m³/s	78%
268 m³/s	69%
234 m³/s	60%
155 m³/s	40%

2011 (5% MLT) →

Out-Dez (Meses Chuvosos)
MLT: 736 m³/s

Vazão	% MLT
981 m³/s	133%
682 m³/s	93%
440 m³/s	60%
321 m³/s	44%

2014 (74% MLT) →