



CEMADEN

Centro Nacional de Monitoramento e
Alertas de Desastres Naturais

Monitoramento e Previsões
para a
Bacia do rio Paraná

25 de setembro
2025

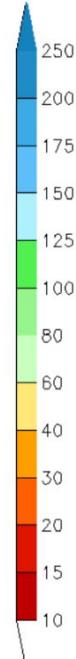
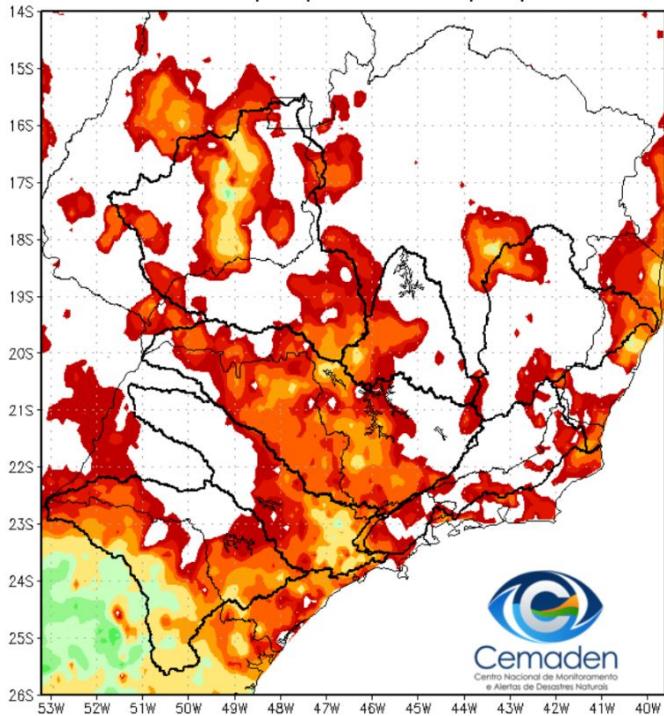


MINISTÉRIO DA
CIÊNCIA, TECNOLOGIA
E INOVAÇÃO

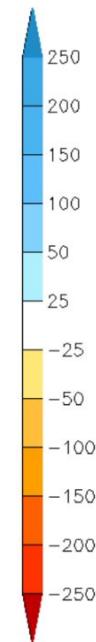
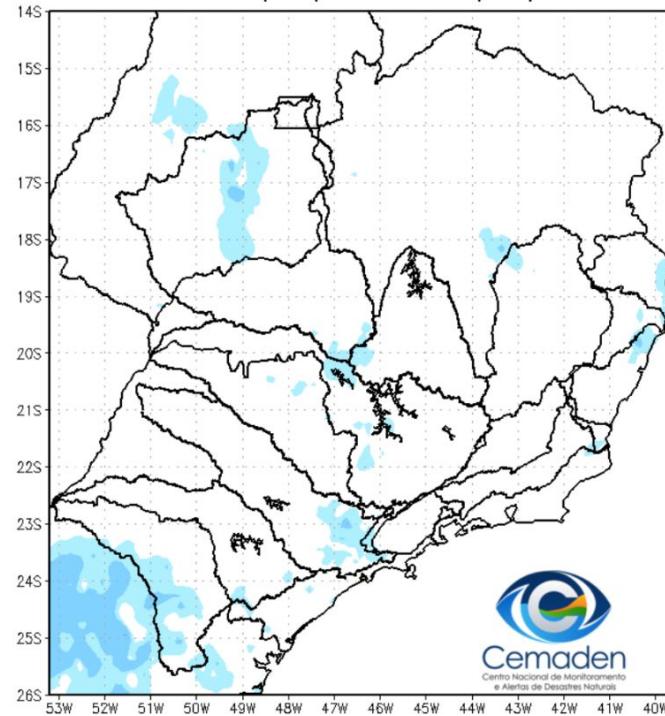


Precipitação acumulada nos últimos 5 dias

Precipitacao Acumulada (mm) A.S.
Periodo: 19/09/2025 a 24/09/2025

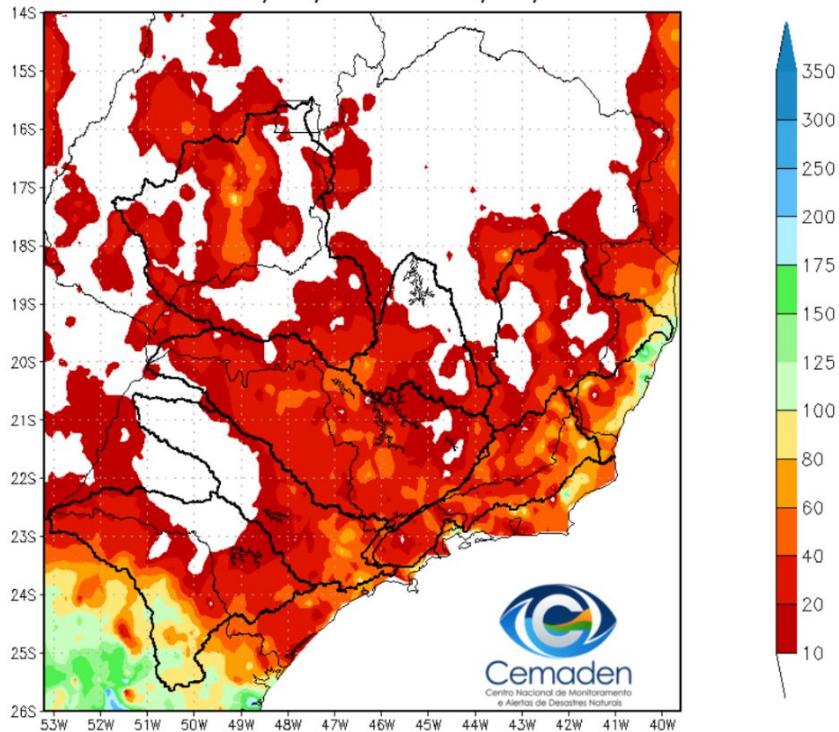


Anomalia de Precipitacao (mm) A.S.
Periodo: 19/09/2025 a 24/09/2025

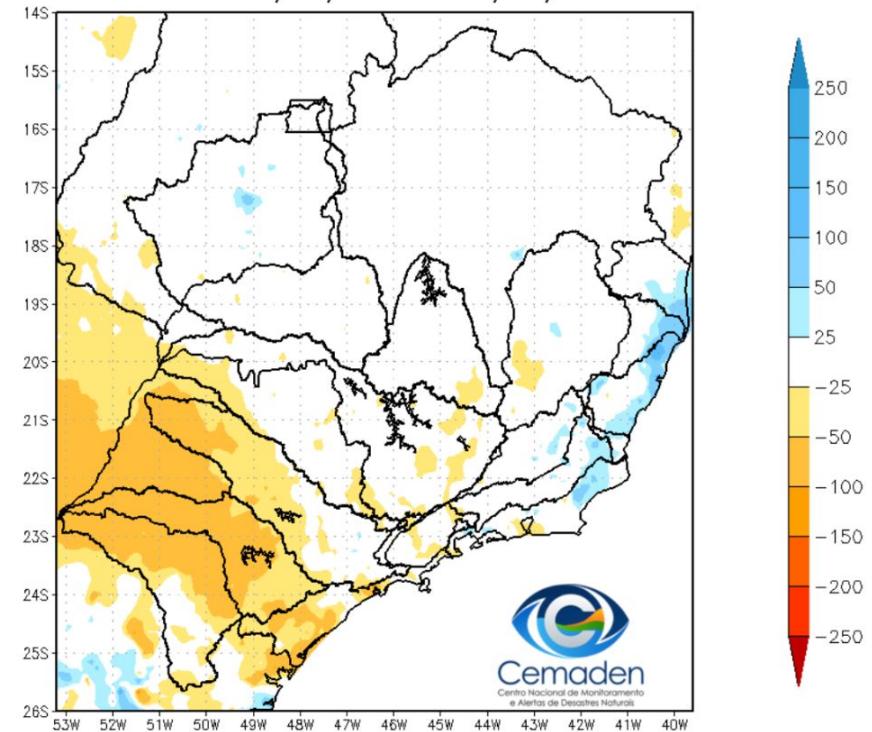


Precipitação acumulada nos últimos 30 dias

Precipitacao Acumulada (mm) A.S.
Periodo: 25/08/2025 a 24/09/2025

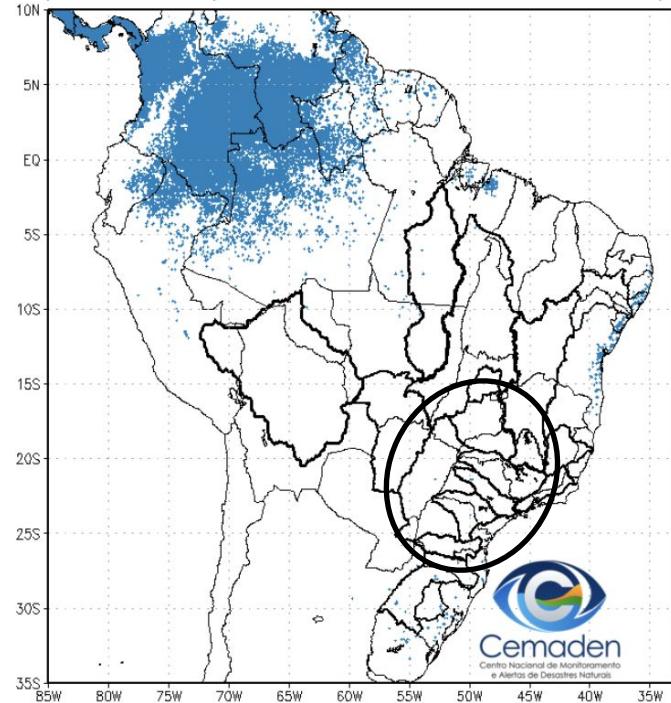


Anomalia de Precipitacao (mm) A.S.
Periodo: 25/08/2025 a 24/09/2025

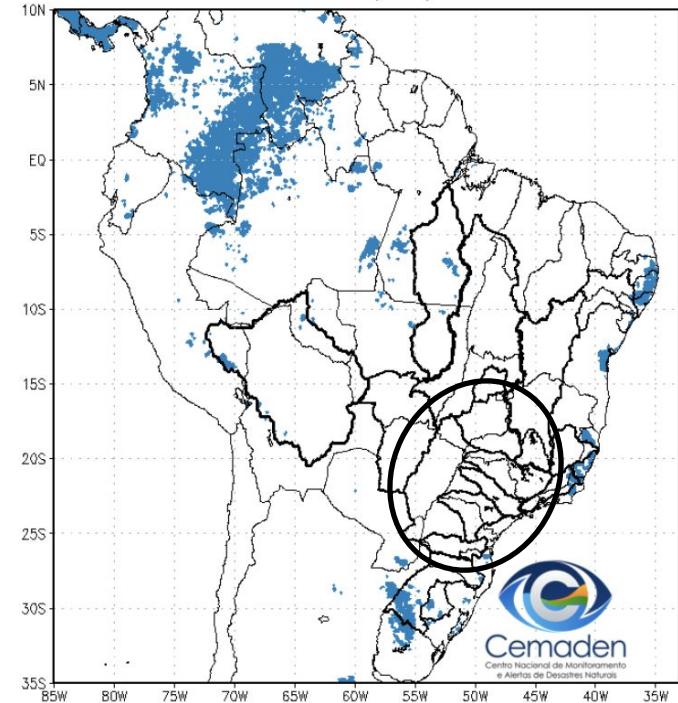


Situação da Estação Chuvosa

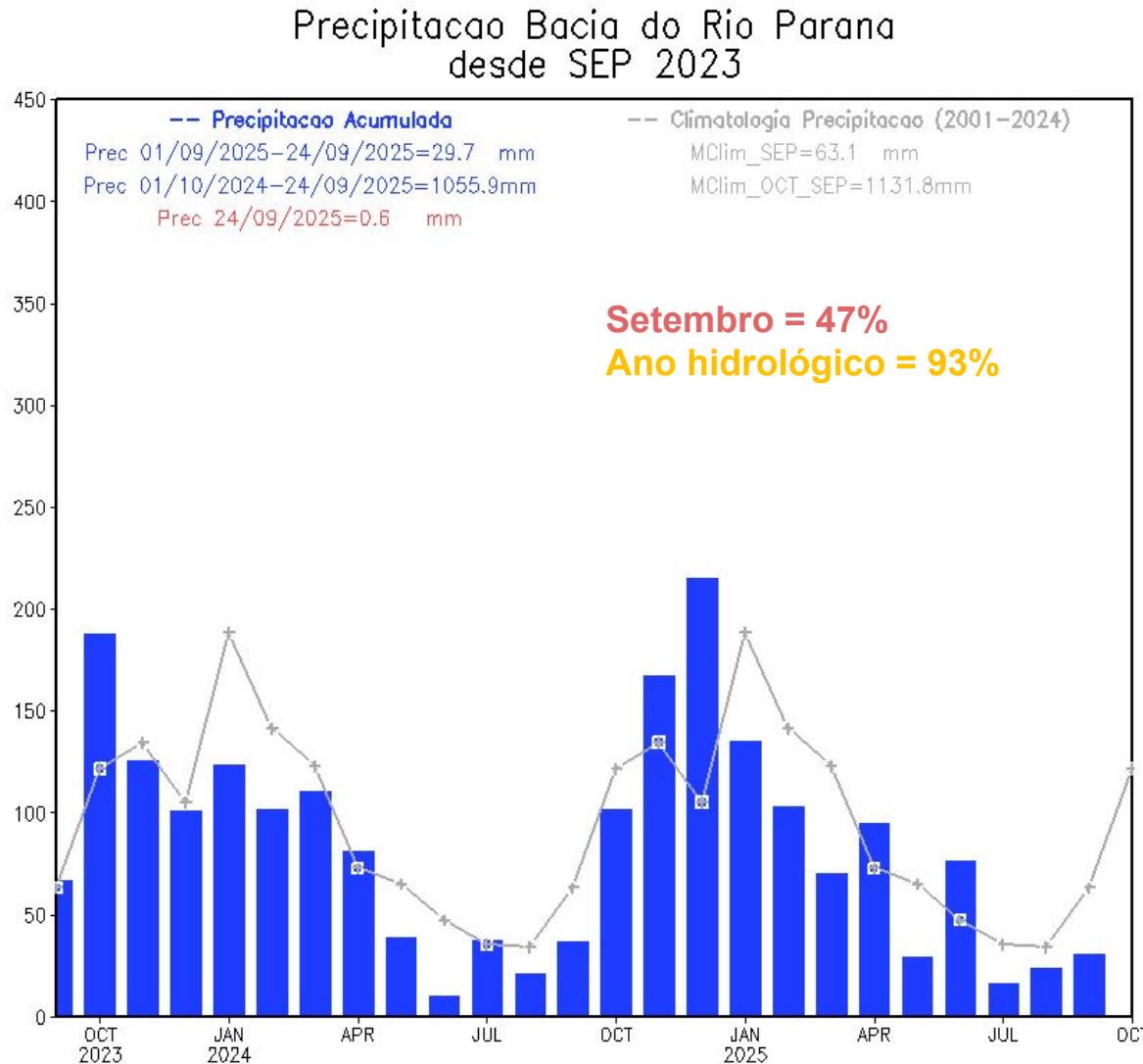
Climatologia da Precipitação (2001–2024)
Superior 3 mm/dia em 4 de 5 dias Período: 24/09



Precipitação A.S. Superior a 3 mm/dia por 4 de 5 dias
Período: 24/09/2025

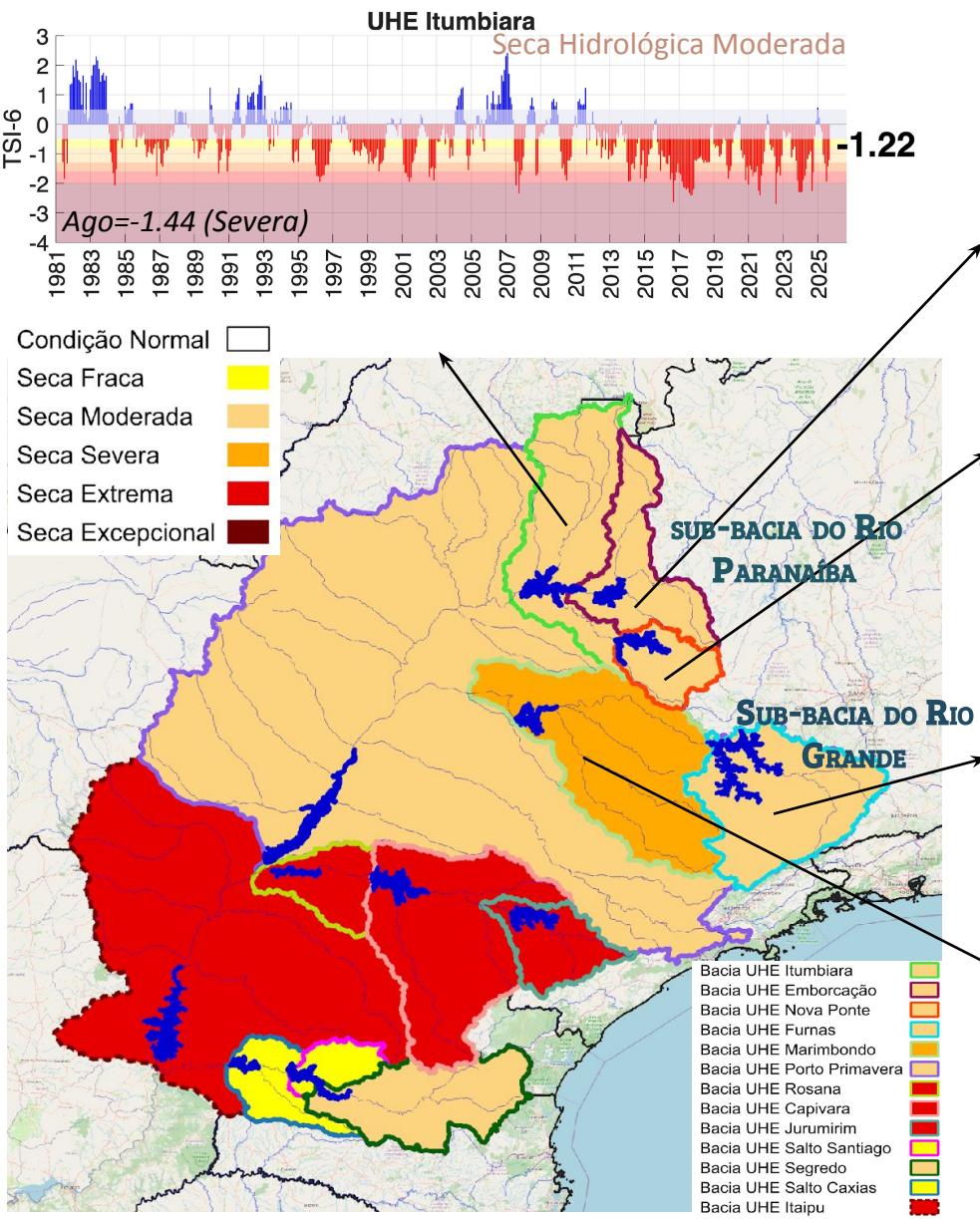


Precipitação acumulada nos últimos 24 meses



BACIA DO RIO PARANÁ

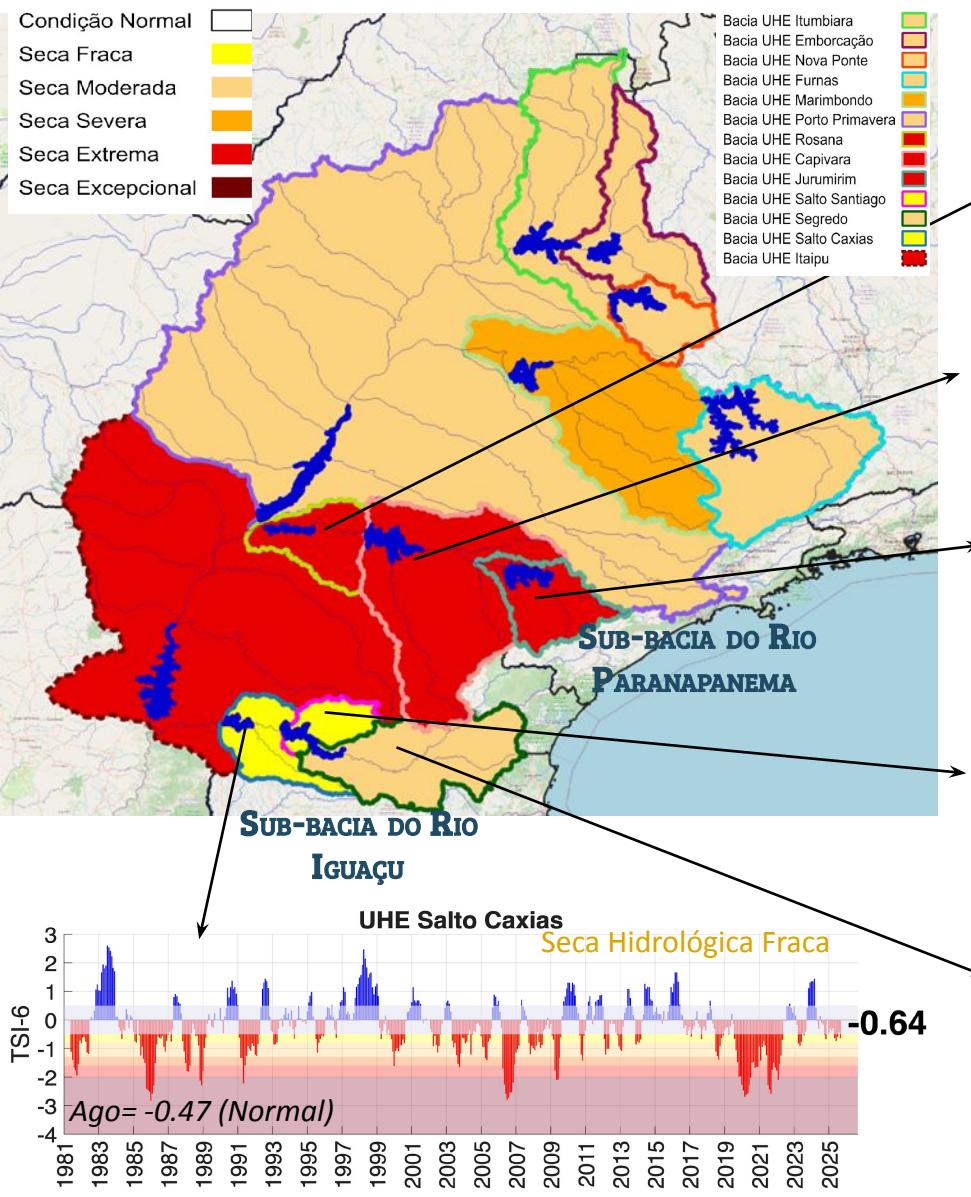
Índice de Seca Bivariado (Chuva-Vazão) – TSI 6



Setembro/2025

BACIA DO RIO PARANÁ

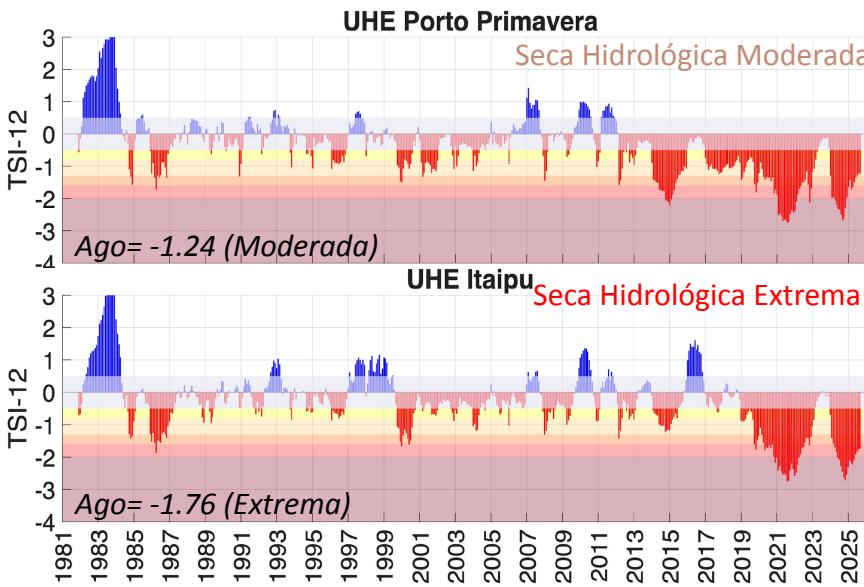
Índice de Seca Bivariado (Chuva-Vazão) – TSI 6



BACIA DO RIO PARANÁ

Setembro/2025

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



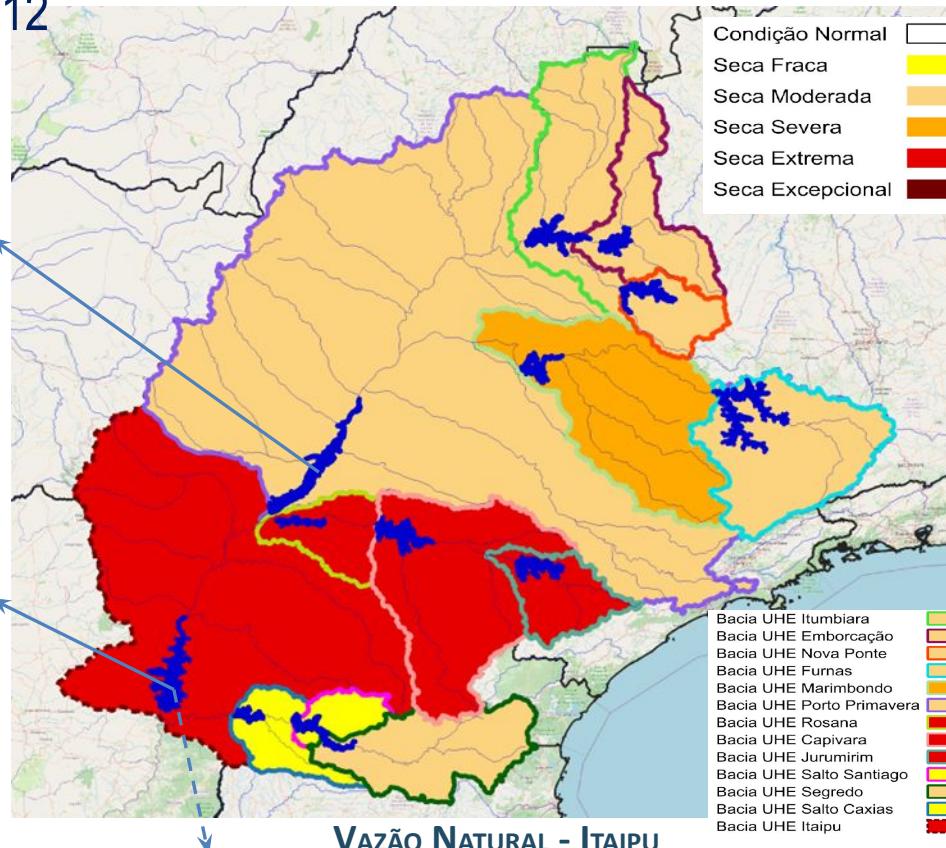
UHE Porto Primavera

Seca Hidrológica Moderada

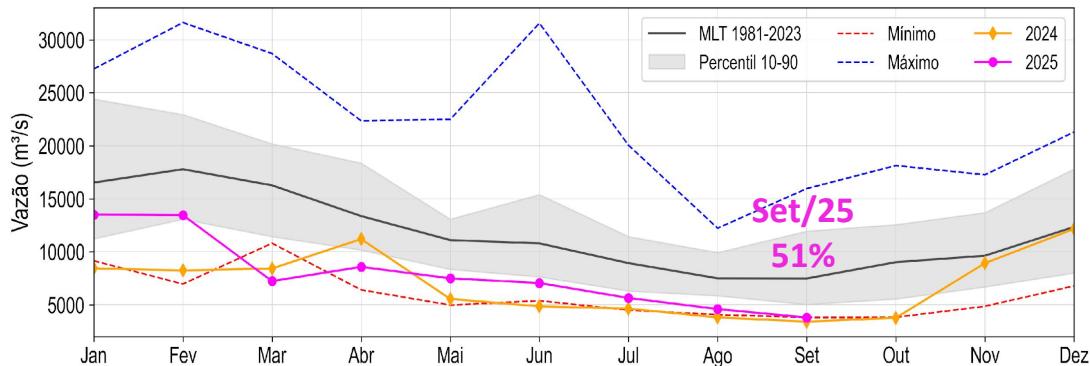
UHE Itaipu

Seca Hidrológica Extrema

Série de dados = Jan/1981- Setembro/2025



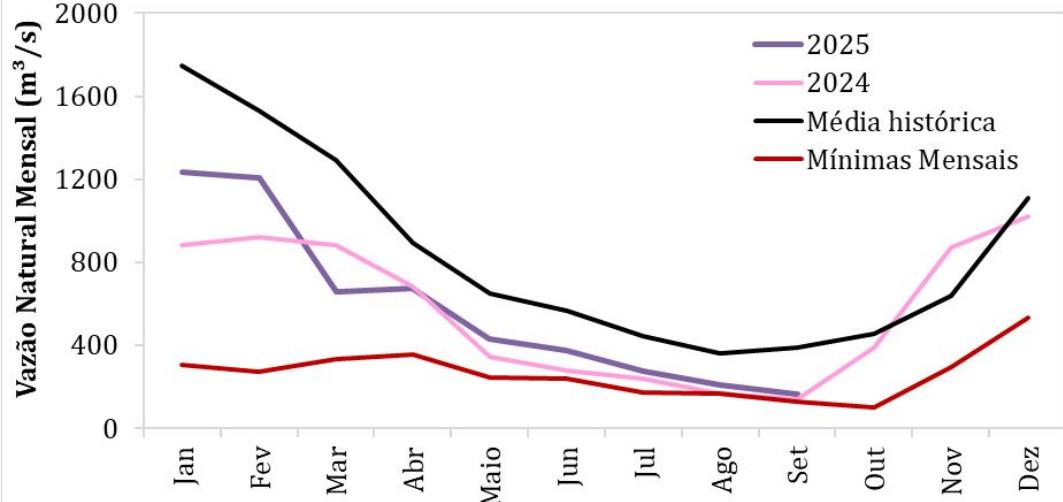
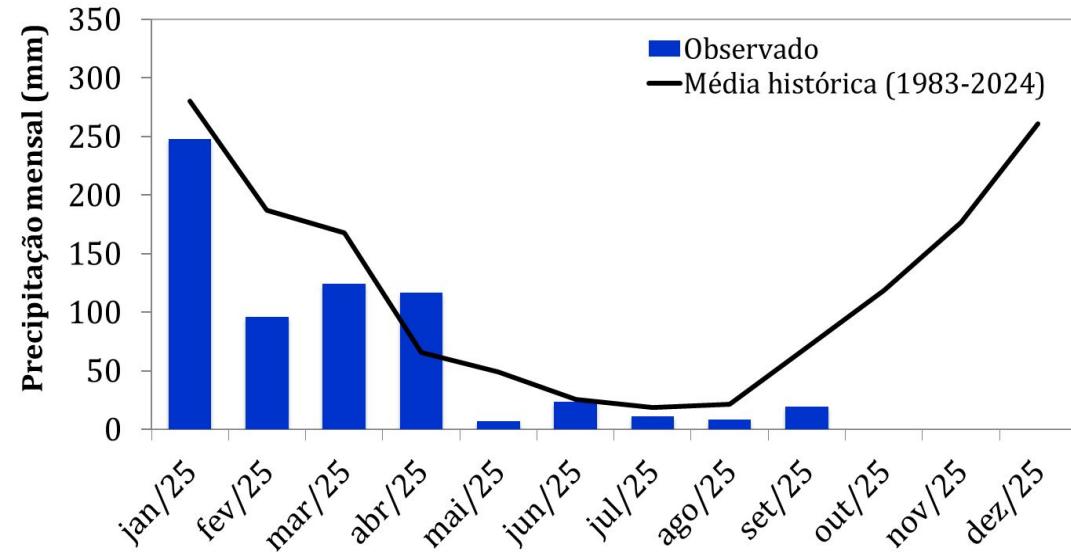
VAZÃO NATURAL - ITAIPU



Fonte: CEMADEN/MCTI

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

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*: 185 mm (**77% da MLT PARCIAL**)

Set/2025*: 19 mm (**28% da MLT**)

*Até 22/09/2025

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: 354 m³/s (**64% da MLT**)

Set/25**: 166 m³/s (**43% da MLT**)

22/Set/25: 121 m³/s (**31% da MLT**)

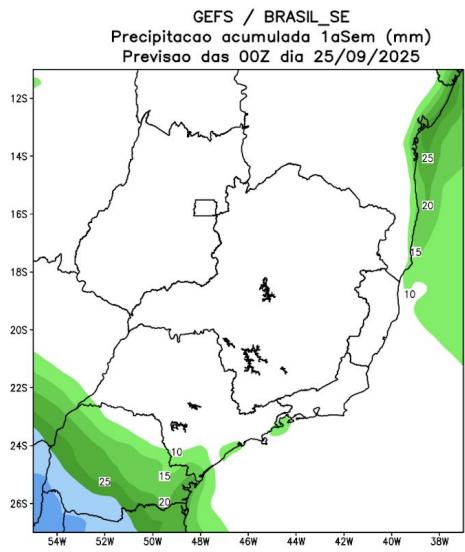
**Até 22/09/2025

Dados de precipitação: INMET, ANA, CEMADEN

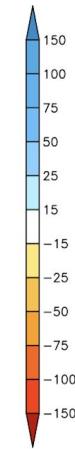
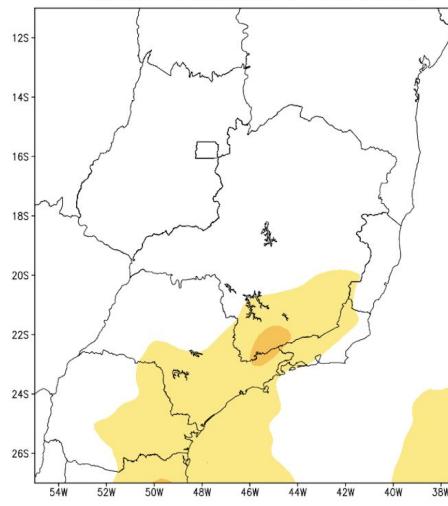
Dados de vazão: ONS e ANA

Acumulado para as duas próximas semanas

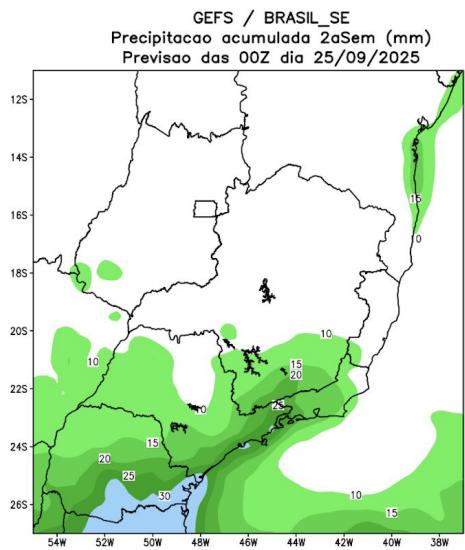
Semana 1



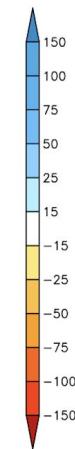
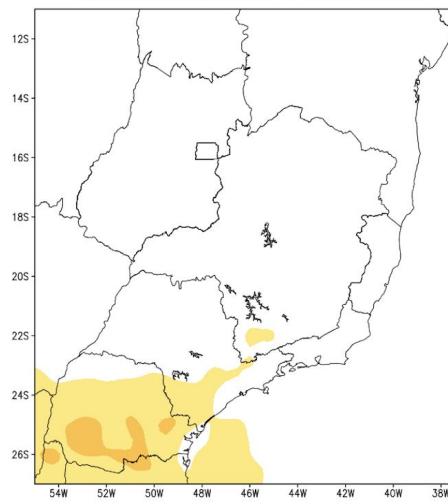
Anomalia de Precipitacao BR_SE (mm)
Periodo: 2025092500 a 2025100200



Semana 2

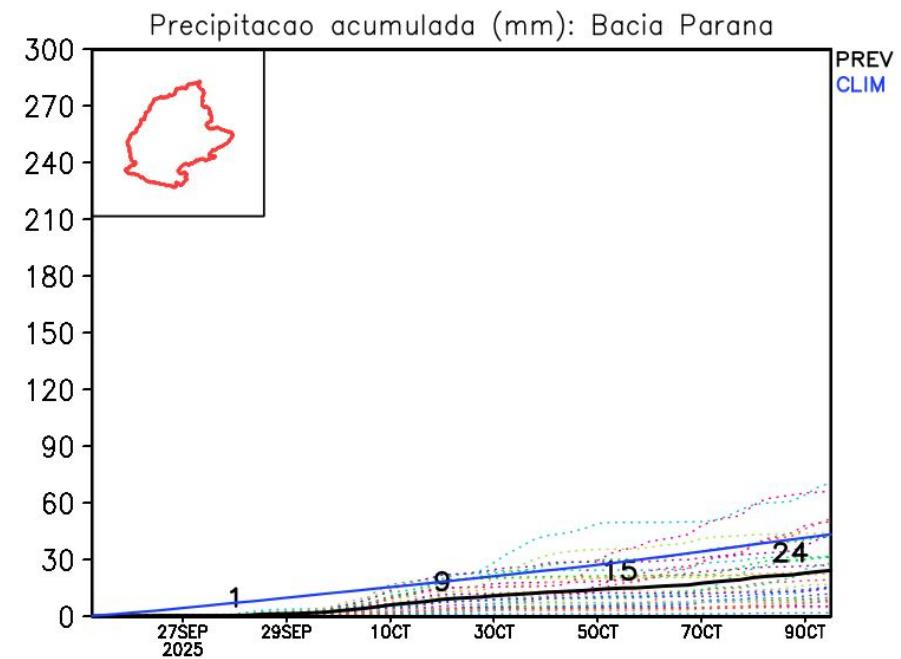
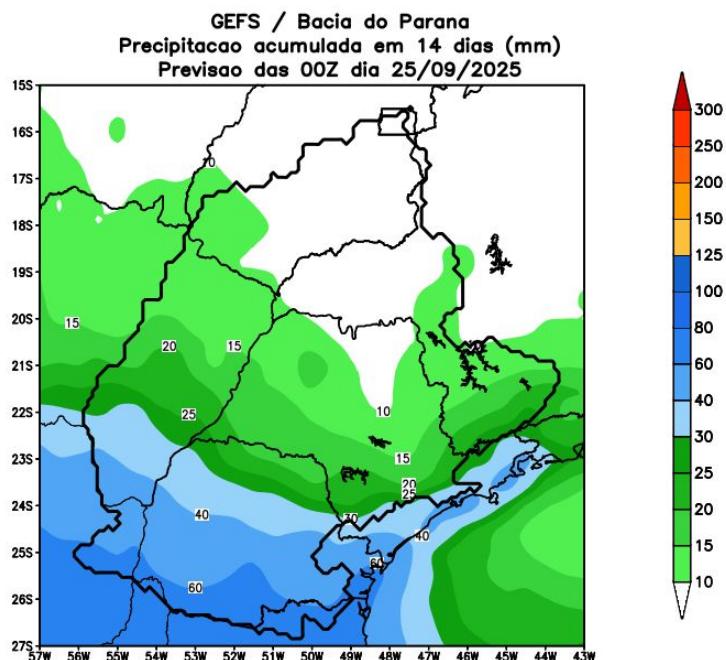


Anomalia de Precipitacao BR_SE (mm)
Periodo: 2025100300 a 2025100900



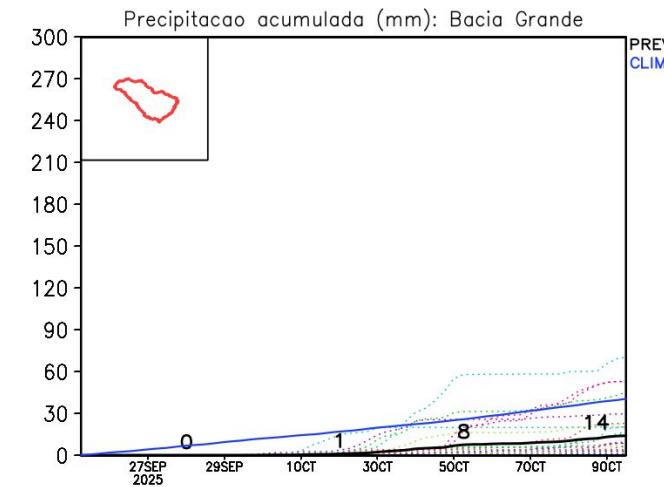
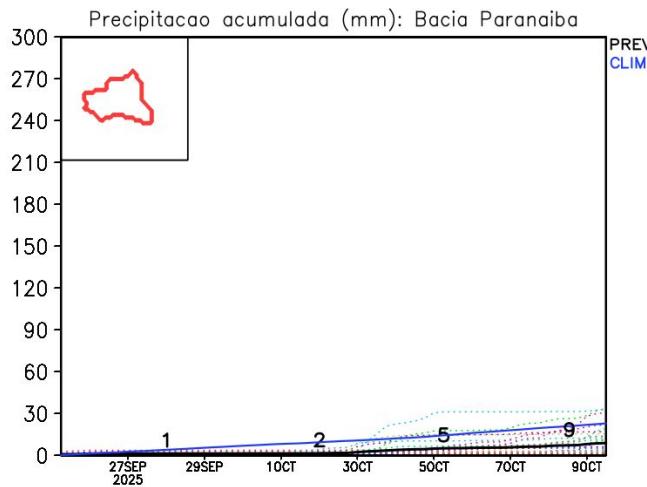
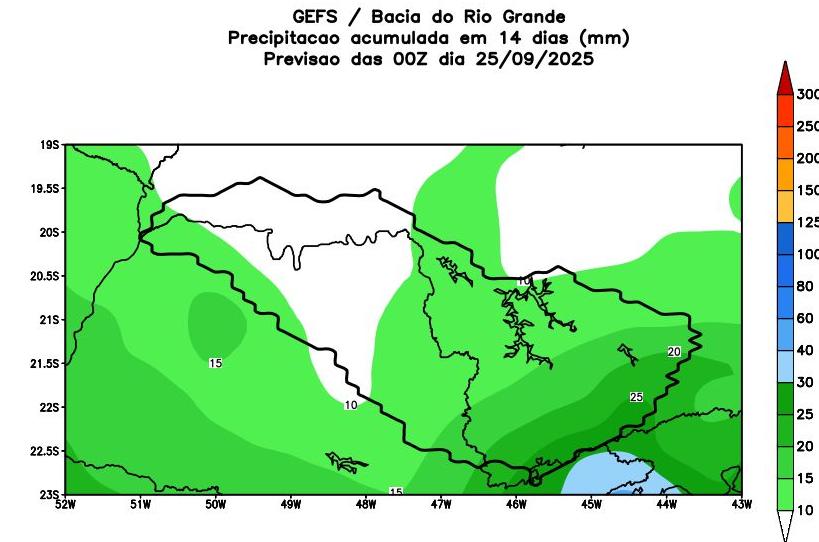
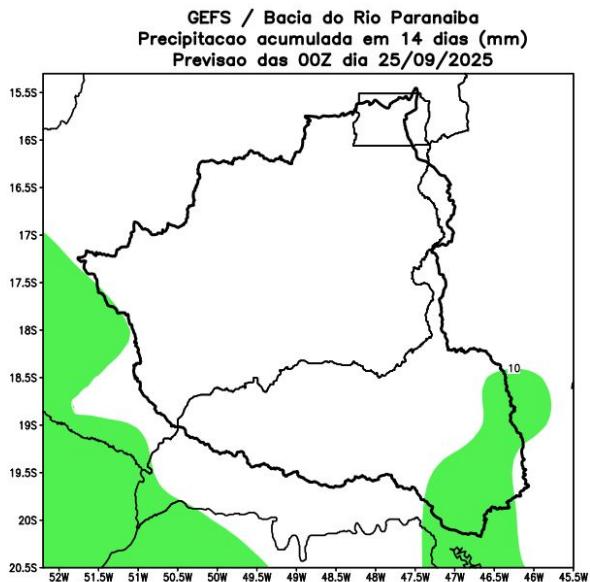
Fonte: GEFS/NOAA

Previsão de chuva para os próximos 14 dias

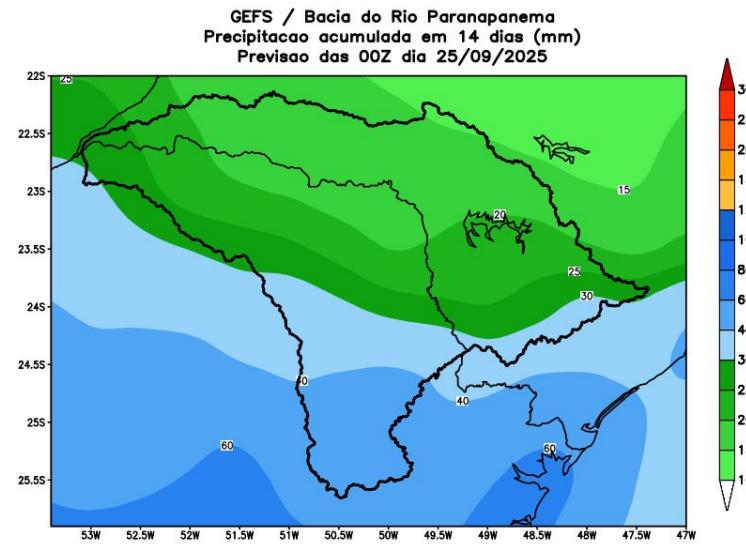
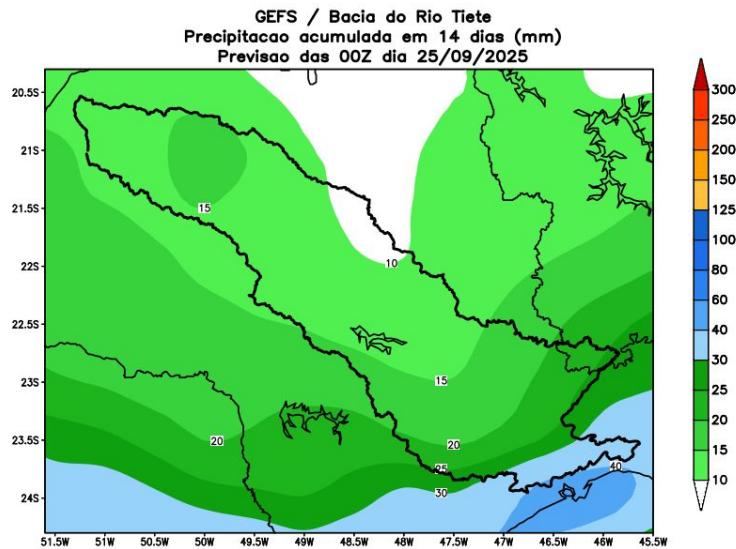


Fonte: GEFS/NOAA

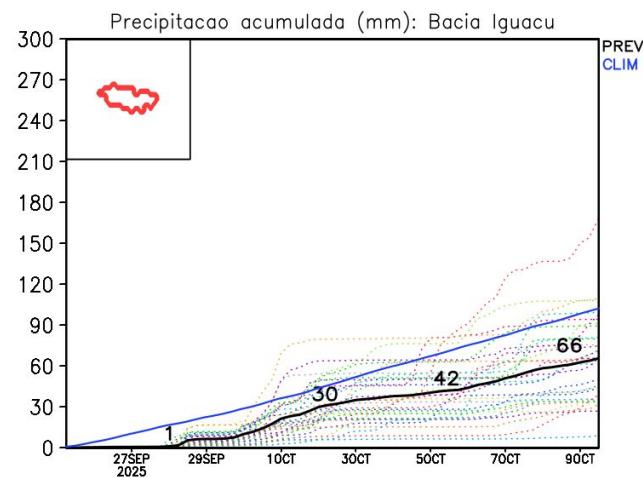
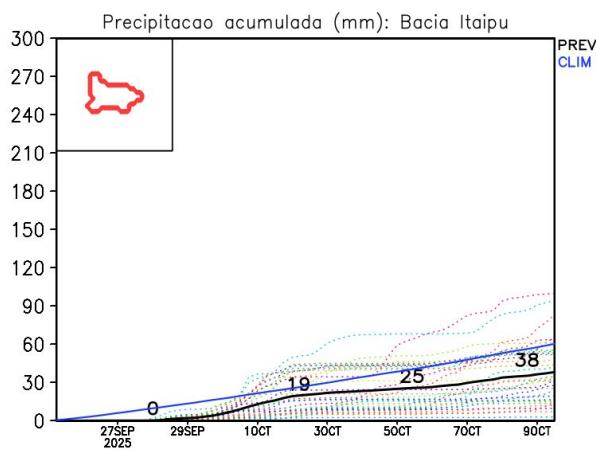
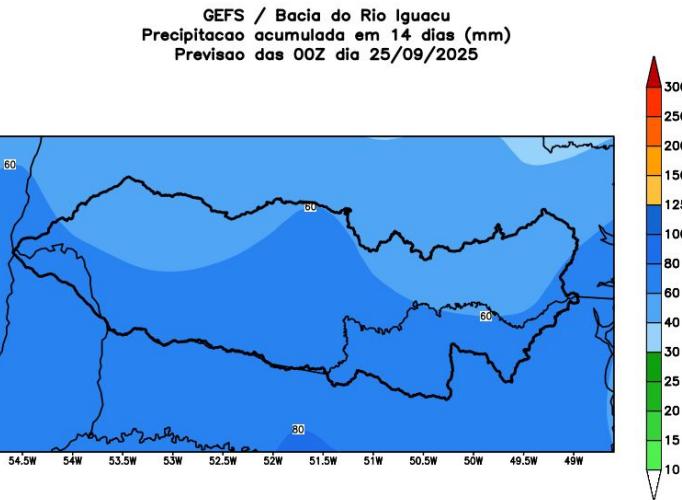
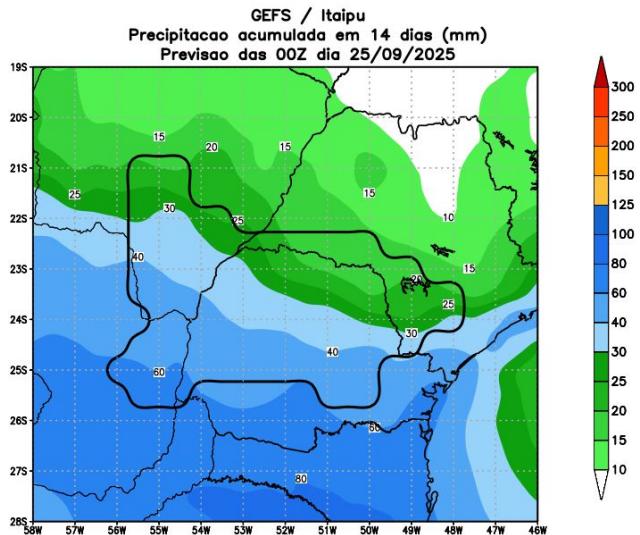
Bacia do rios Paranaíba e Grande



Bacia do rios Tietê e Paranapanema

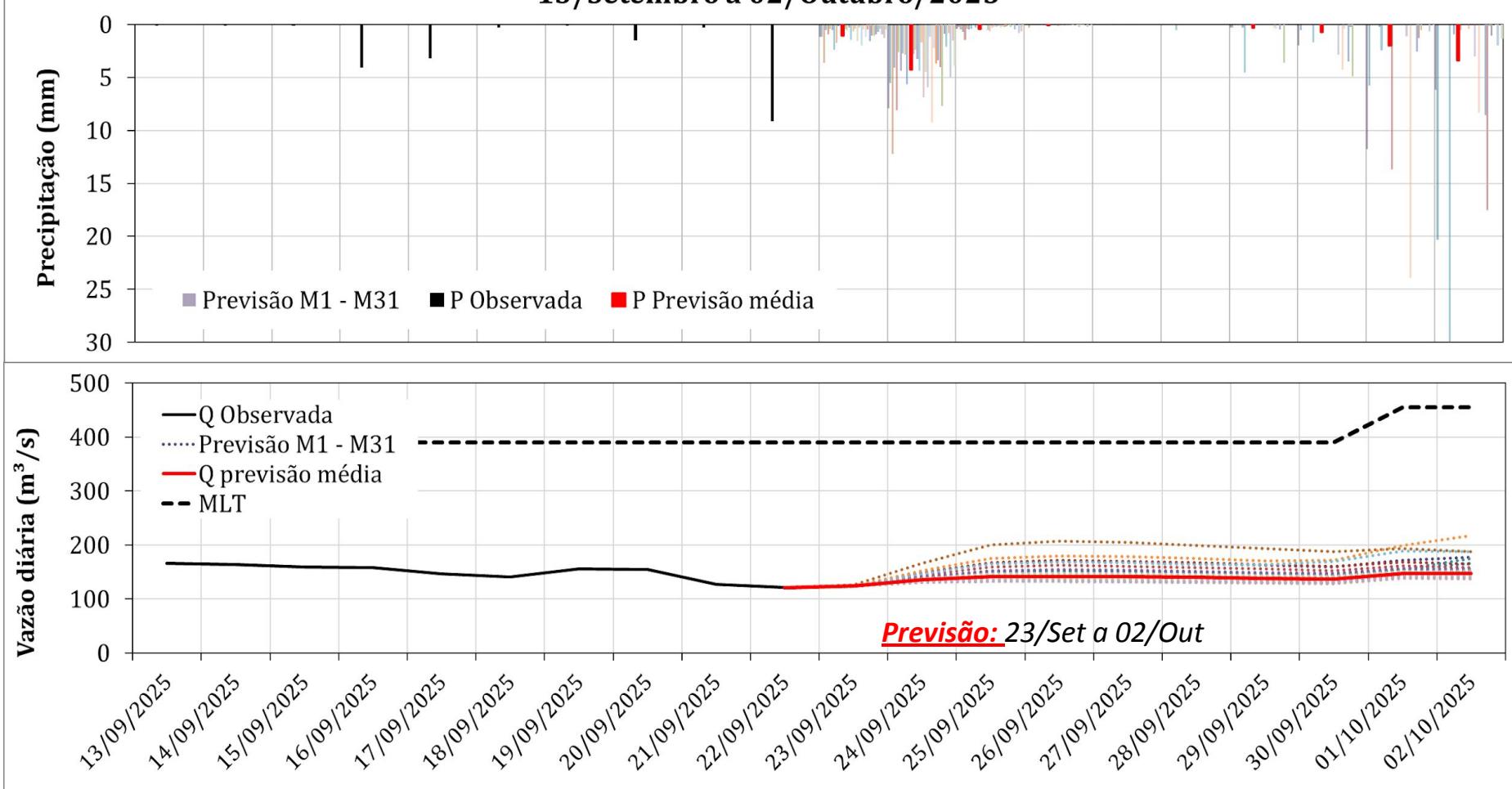


Bacia do Itaipu e Iguaçu



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

Vazão Natural e Precipitação Diárias para Furnas
13/Setembro a 02/Outubro/2025

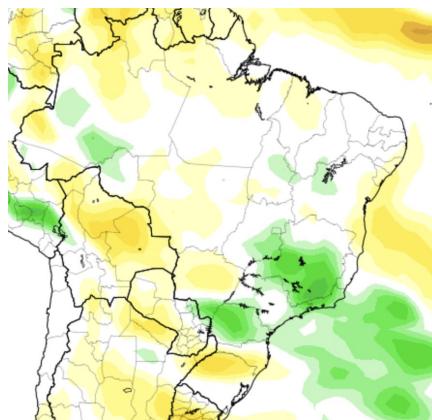


Previsão média para os próximos 10 dias: 139 m^3/s
(36% da MLT Setembro e 31% MLT Outubro)

Anomalia de Chuva

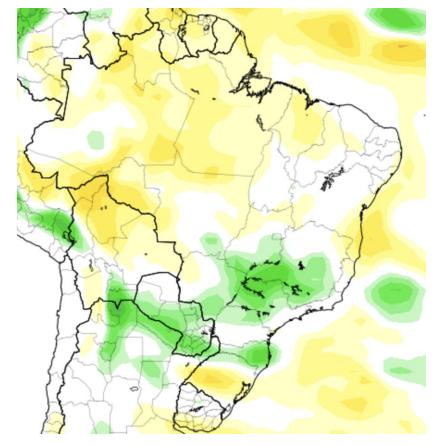
3a e 4a semanas

15-22 Outubro

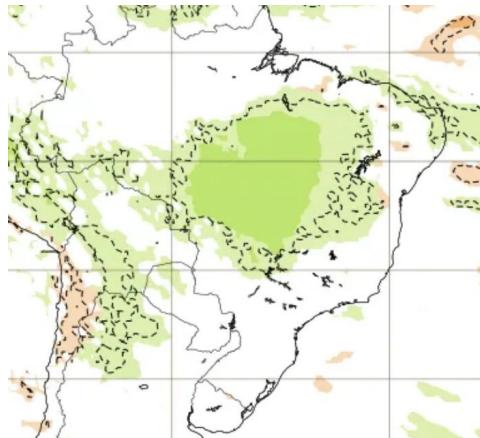


Americano
CFS/NOAA

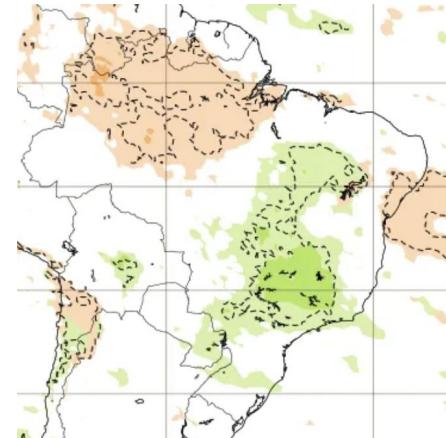
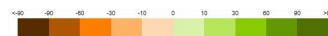
12-29 Outubro



Europeu
ECMWF



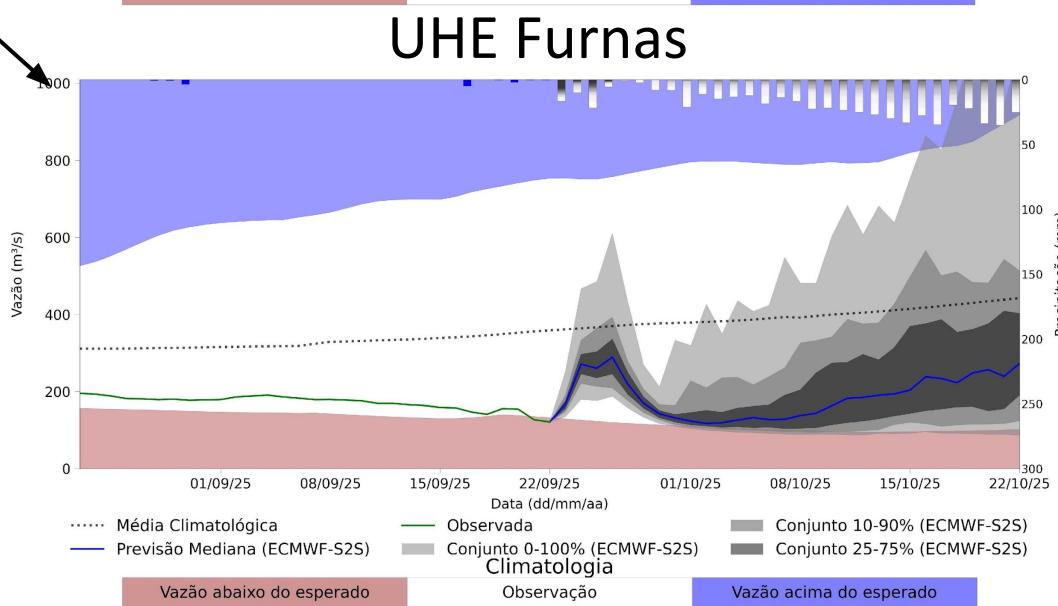
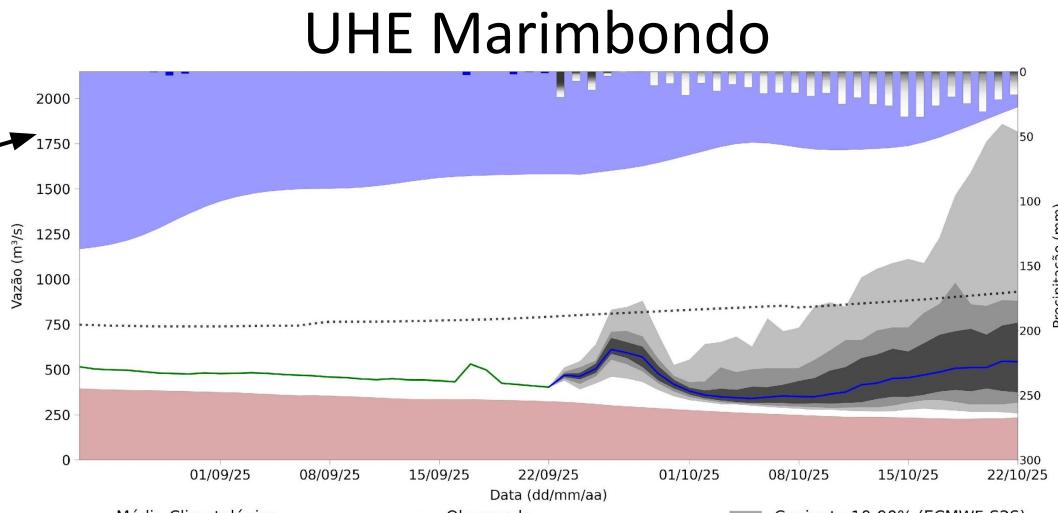
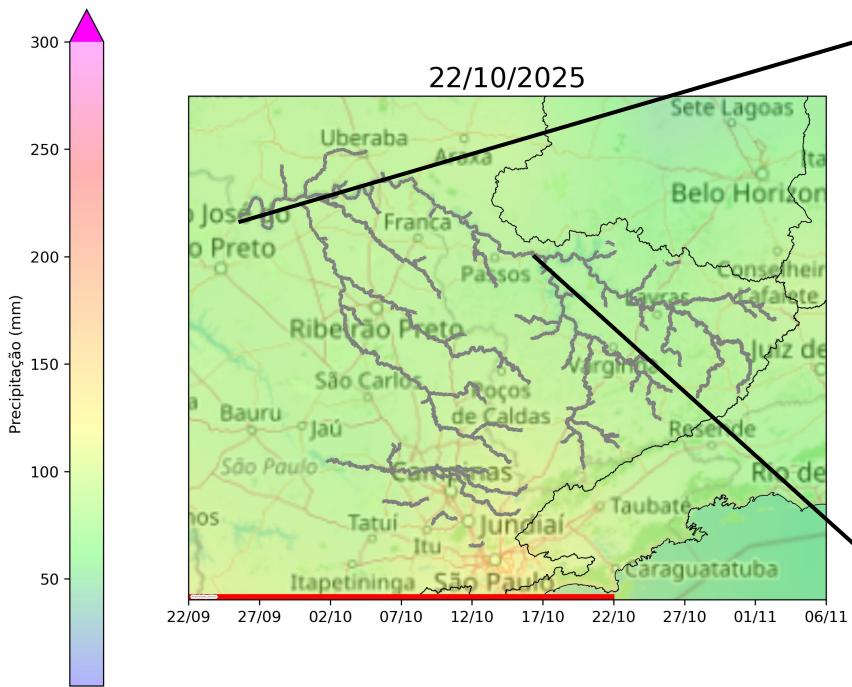
13-19 Outubro



20-26 Outubro

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

PREVISÃO: 22/09/25 a 22/10/25



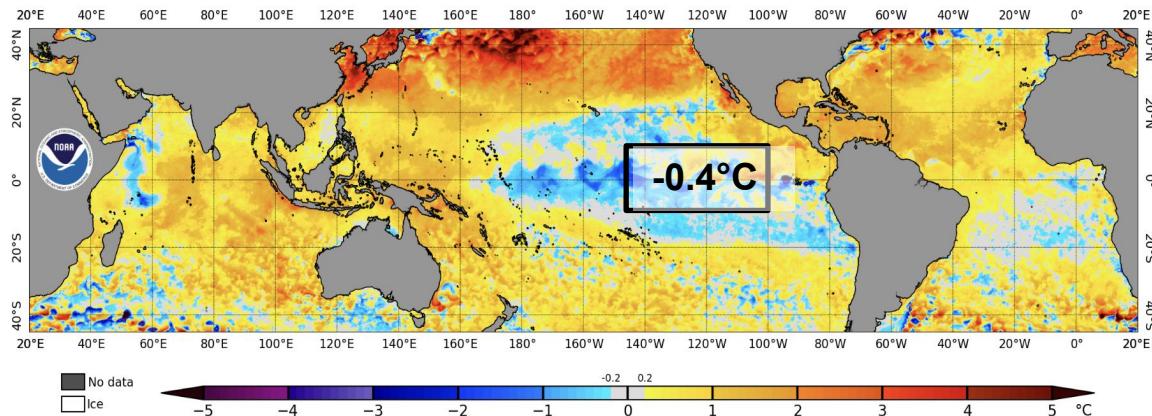
Fonte: Meteorologia (INMET/MERGE); Vazão (ANA/ONS)

MLT: 1993-2024

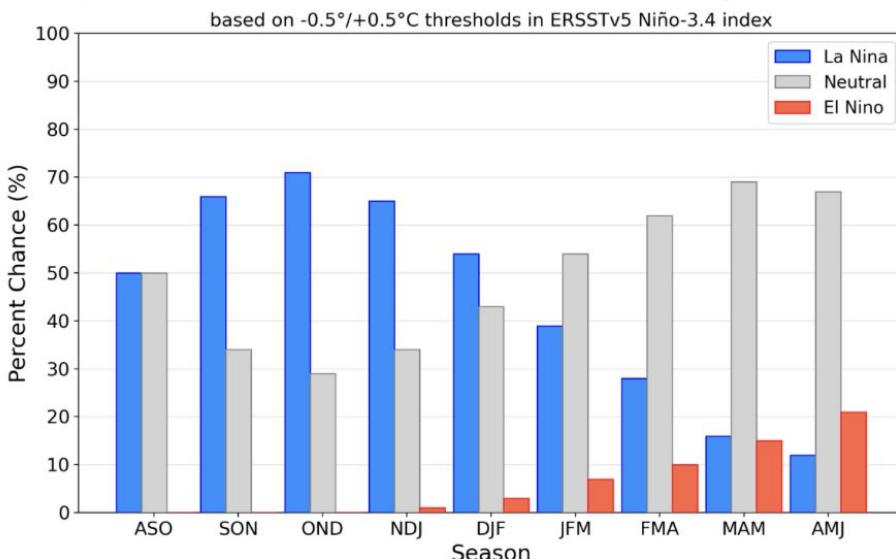
Previsão Meteorológica: ECMWF-S2S

Status Atual El Niño/La Niña: Fase Neutra

NOAA Coral Reef Watch Daily 5km SST Anomalies (v3.1) 23 Sep 2025

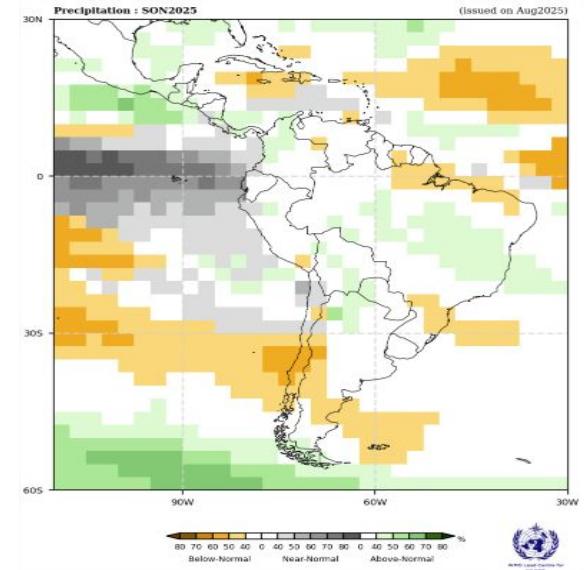
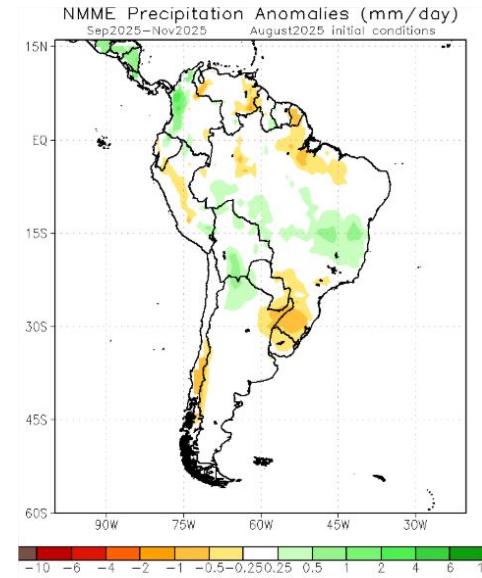
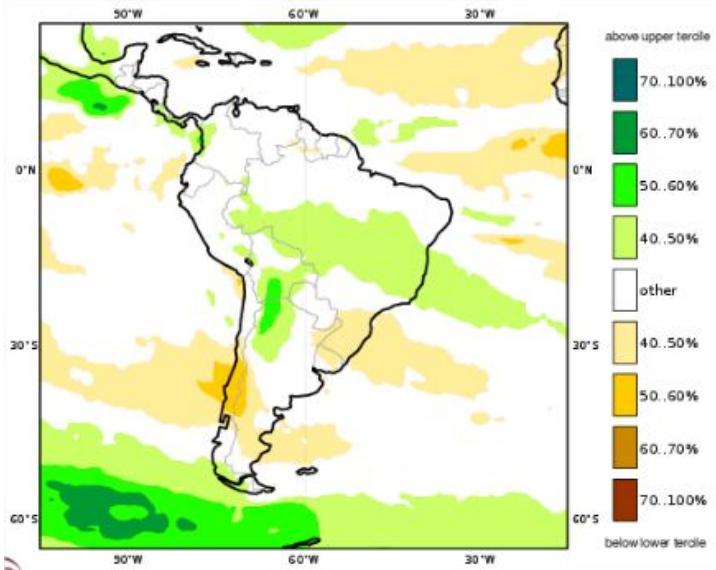


Official NOAA CPC ENSO Probabilities (issued September 2025)



Previsão Sazonal de Chuva Multi-Modelo

Setembro-Outubro-Novembro



Modelos “Europeus”

Modelos Norte
Americanos

Modelos da WMO

Furnas: Projeção de Vazão

(modelo hidrológico PDM-CEMADEN)

