

CEMADEN

Centro Nacional de Monitoramento e
Alertas de Desastres Naturais



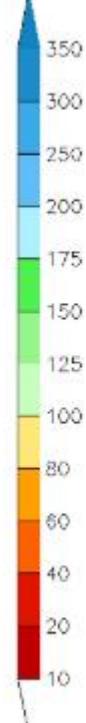
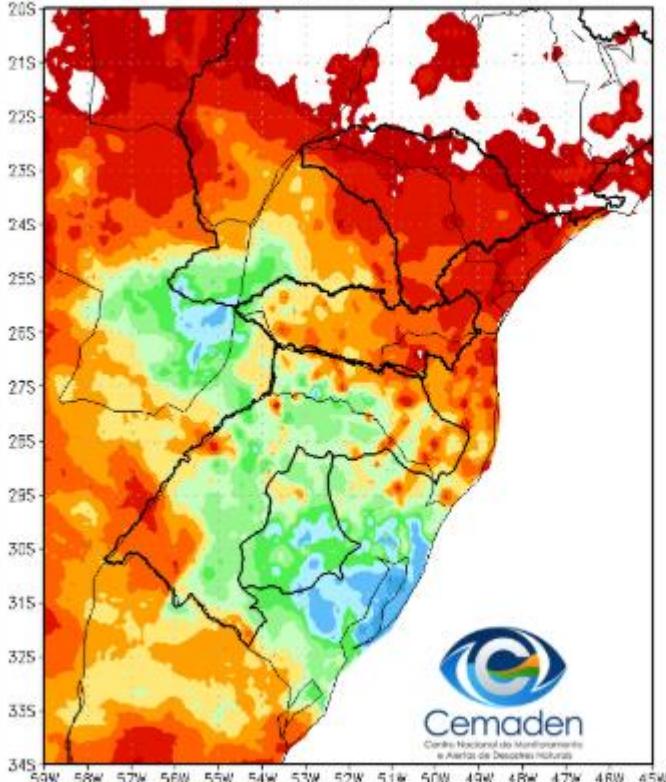
Monitoramento e Previsões da situação hidrometeorológica na Região Sul

AGOSTO 2025

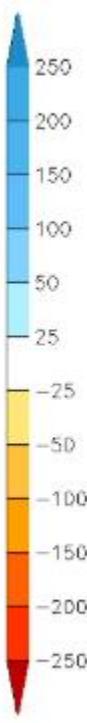
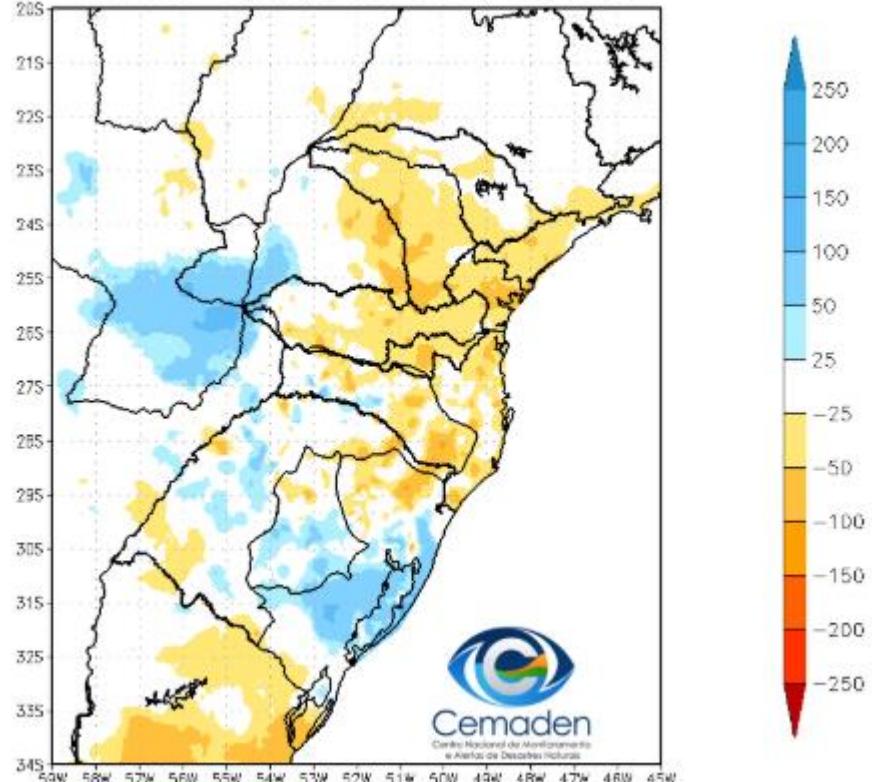


Precipitação nos últimos 30 dias

Precipitação Acumulada (mm) A.S.
Período: 14/07/2025 a 13/08/2025

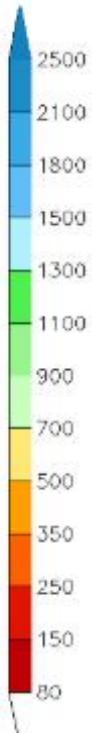
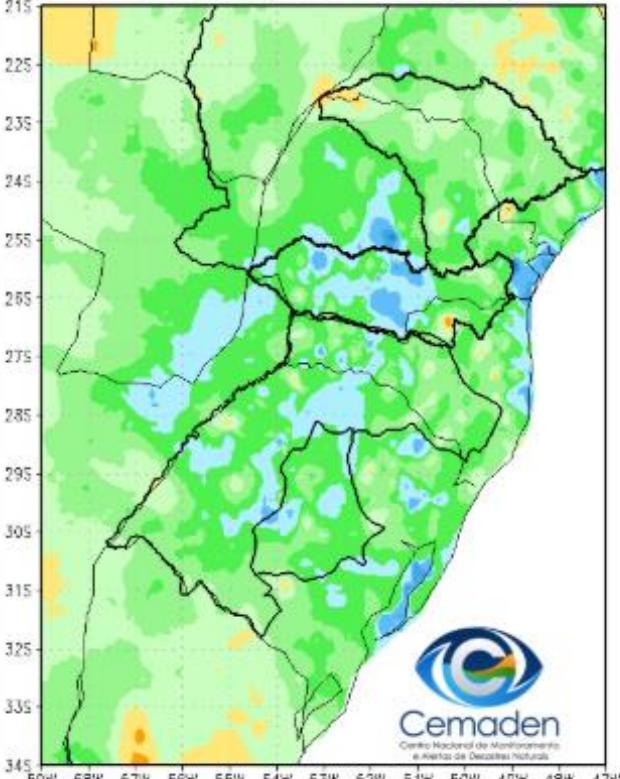


Anomalia de Precipitação (mm) A.S.
Período: 14/07/2025 a 13/08/2025

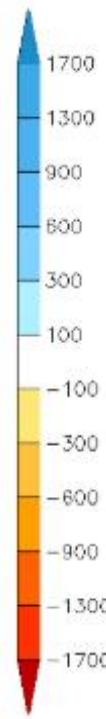
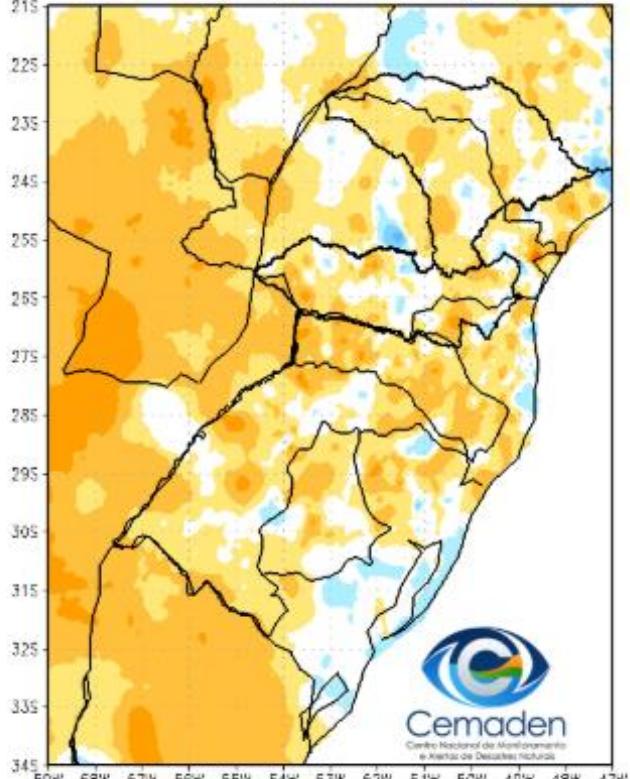


Precipitação no Ano Hidrológico

Precipitação Acumulada (mm) A.S.
Período: 01/10/2024 a 13/08/2025

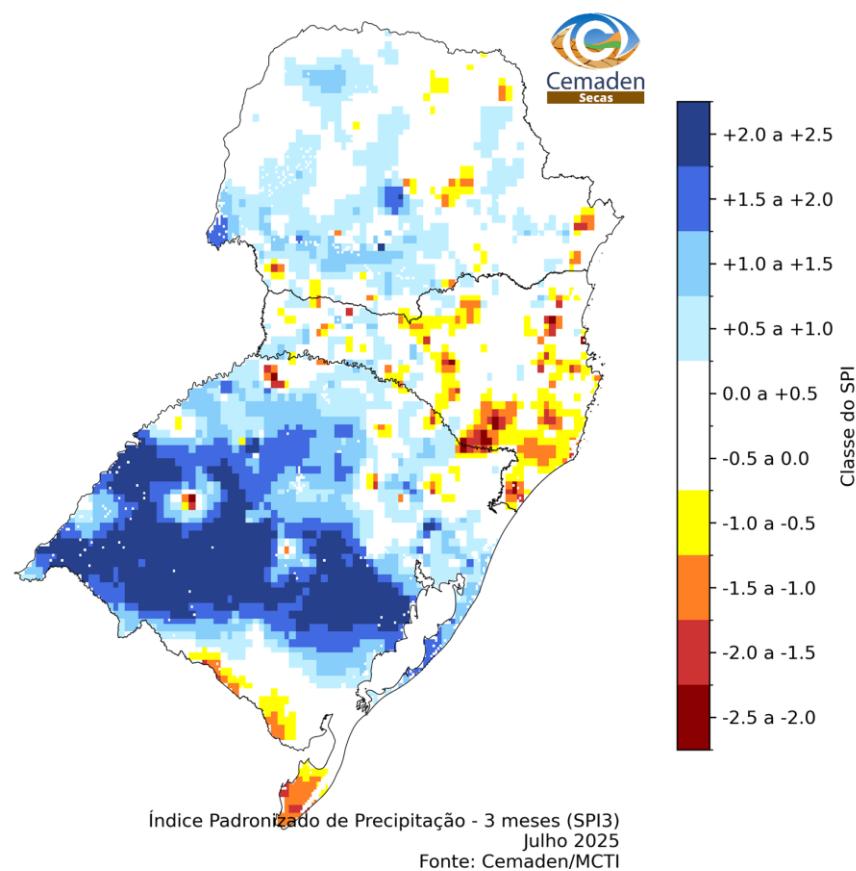


Anomalia de Precipitação (mm) A.S.
Período: 01/10/2024 a 13/08/2025

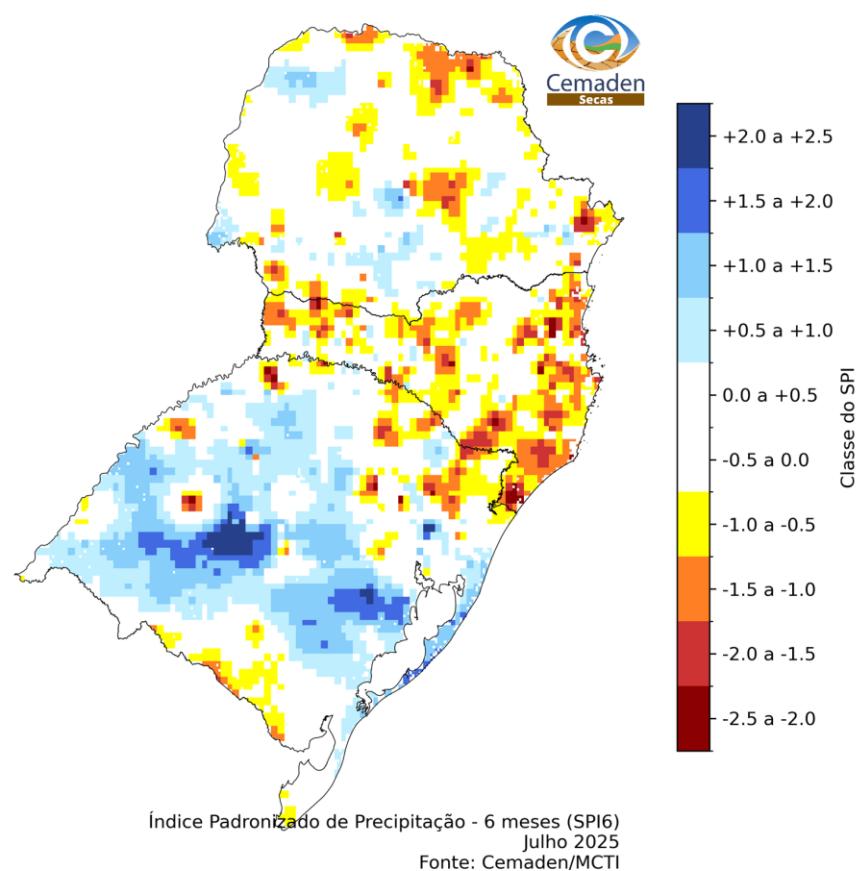


SPI: JULHO 2025

SPI-03

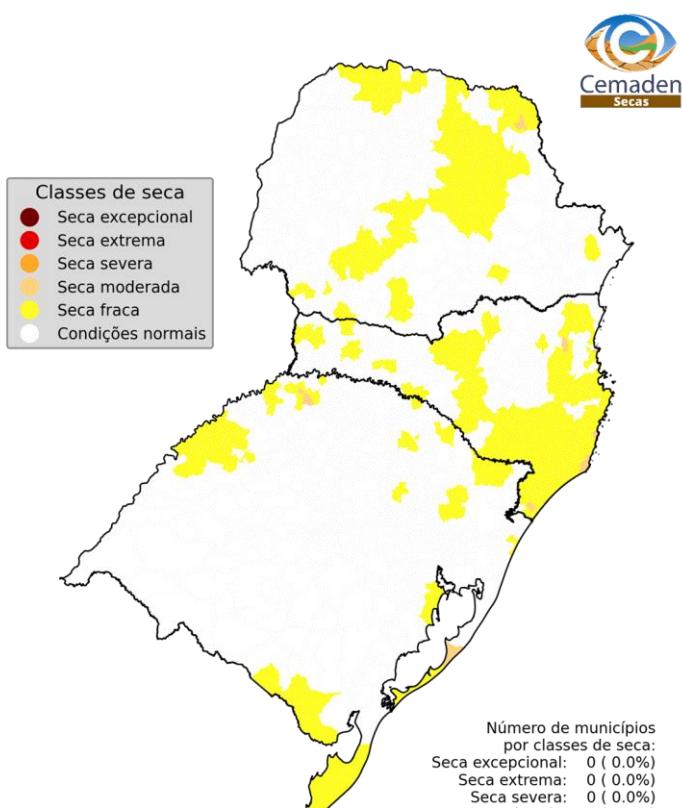


SPI-06



ÍNDICE INTEGRADO DE SECA: ANÁLISE POR MUNICÍPIOS

IIS-03 OBSERVADO

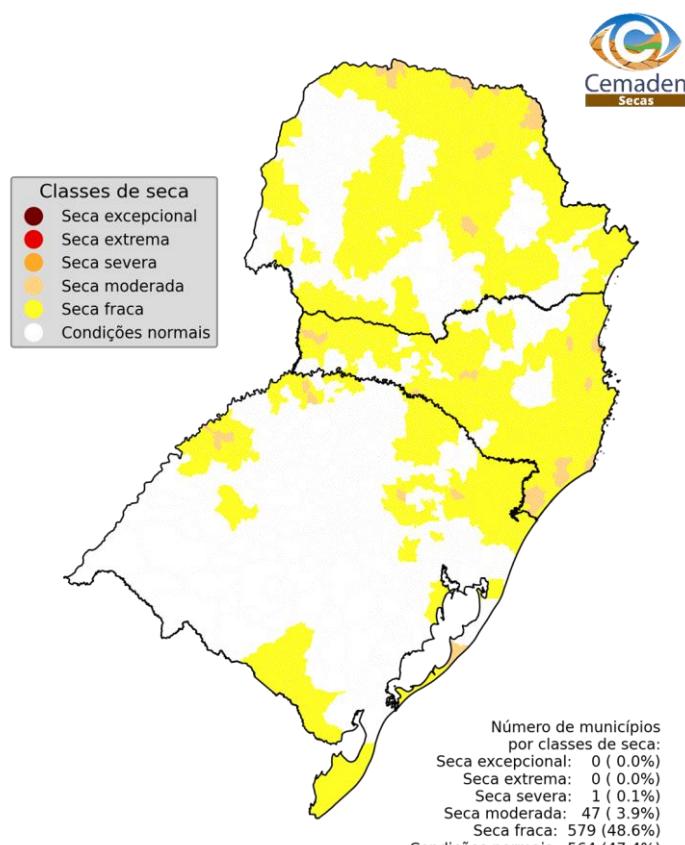


Índice Integrado de Seca - 3 meses (IIS3)

Julho 2025

Fonte: Cemaden/MCTI

IIS-06 OBSERVADO

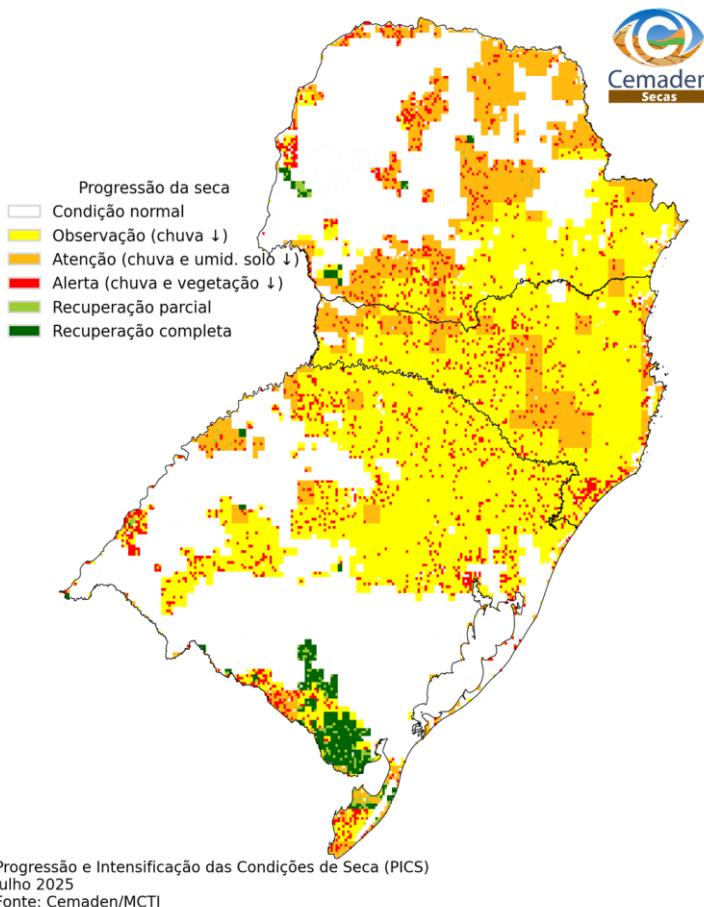


Índice Integrado de Seca - 6 meses (IIS6)

Julho 2025

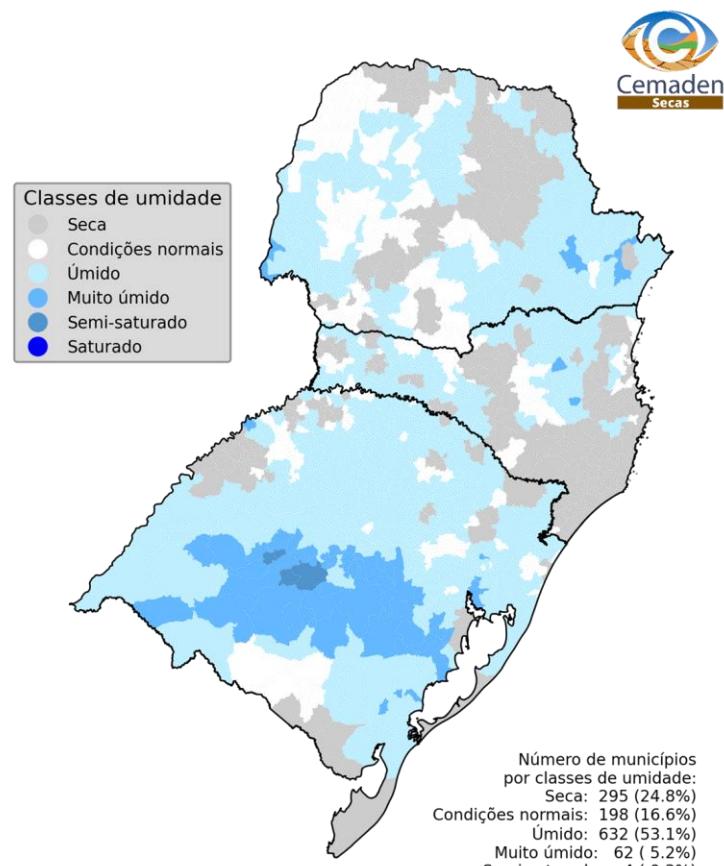
Fonte: Cemaden/MCTI

PROPAGAÇÃO INCREMENTAL DAS CONDIÇÕES DE SECA (PICS)

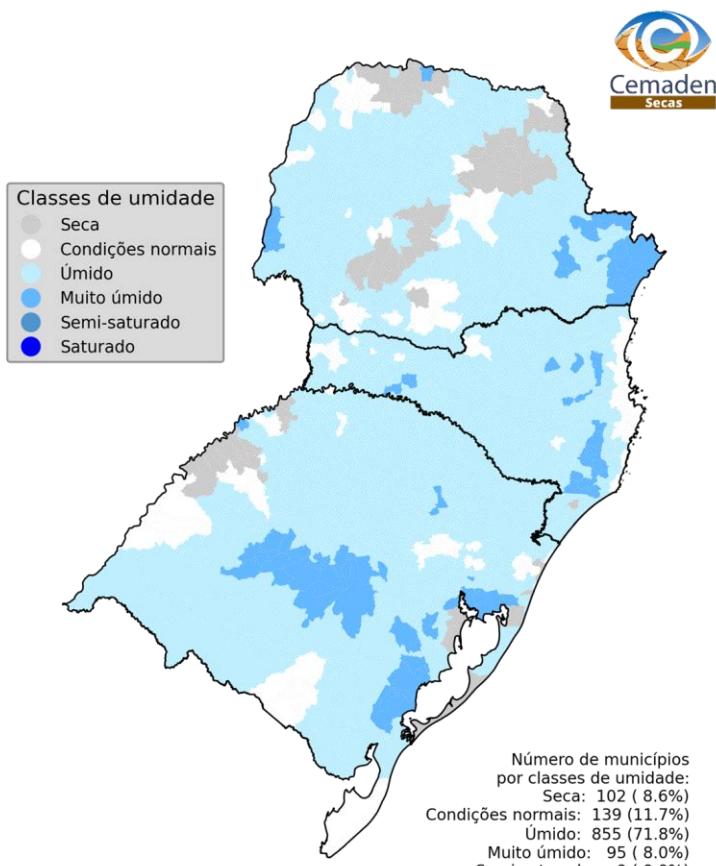


ÍNDICE AGREGADO DE RECURSOS DE ÁGUA (IARA)

JULHO/25



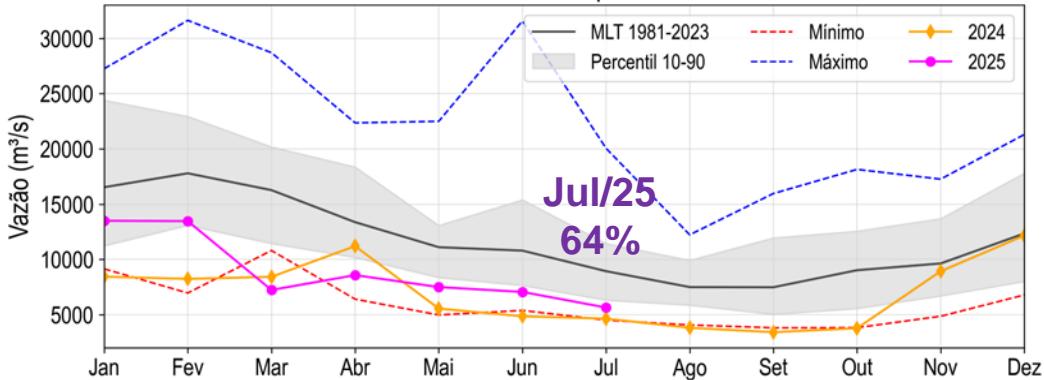
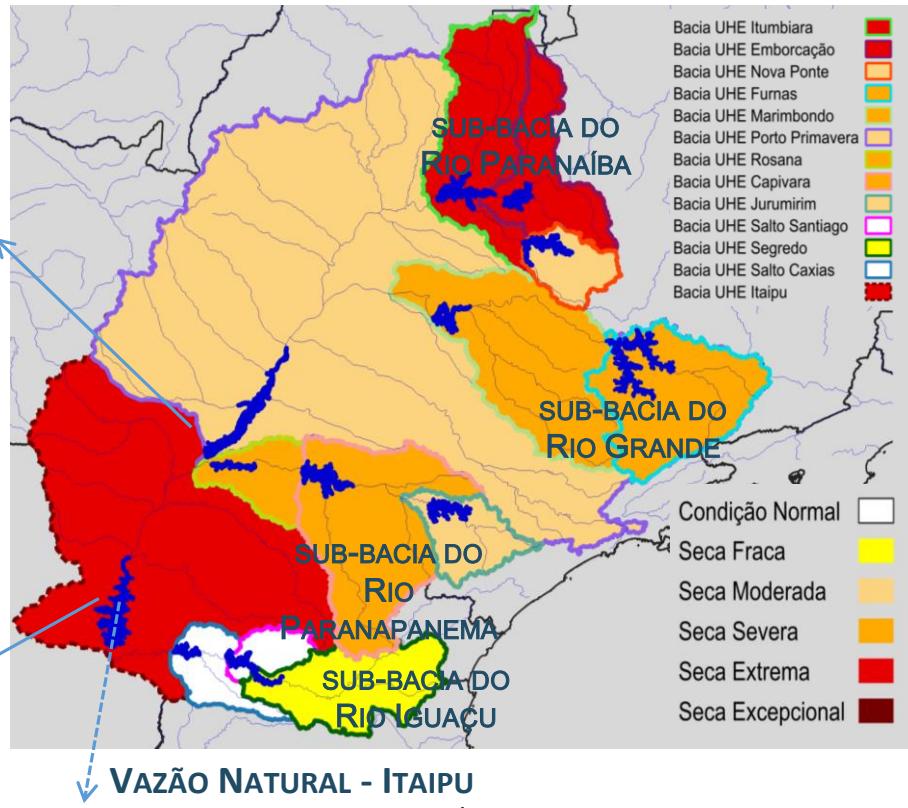
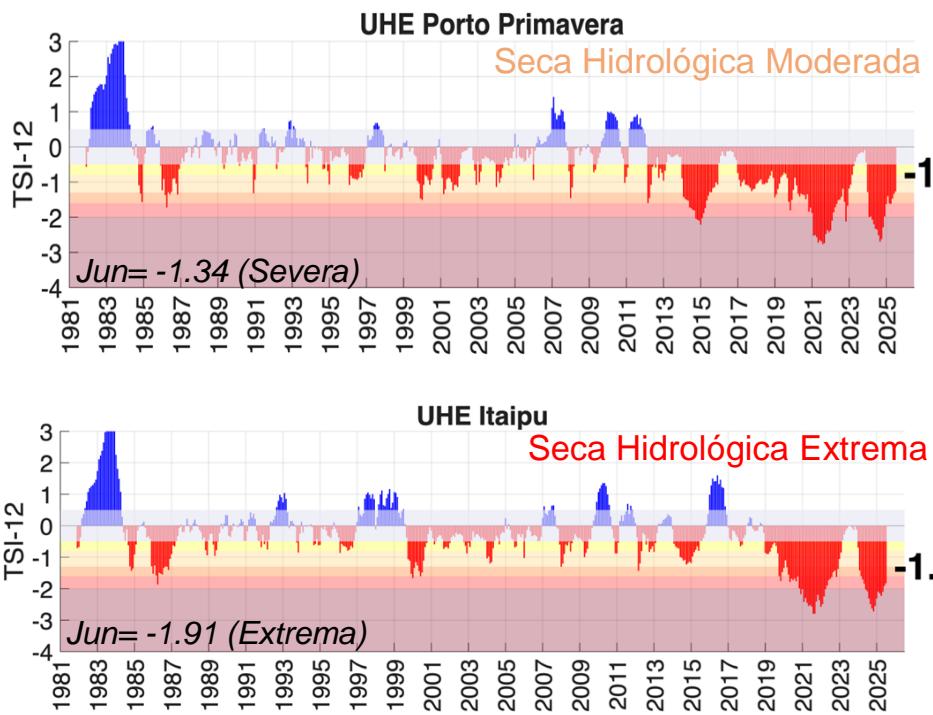
AGOSTO/25



BACIA DO RIO PARANÁ

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

Jul/2025

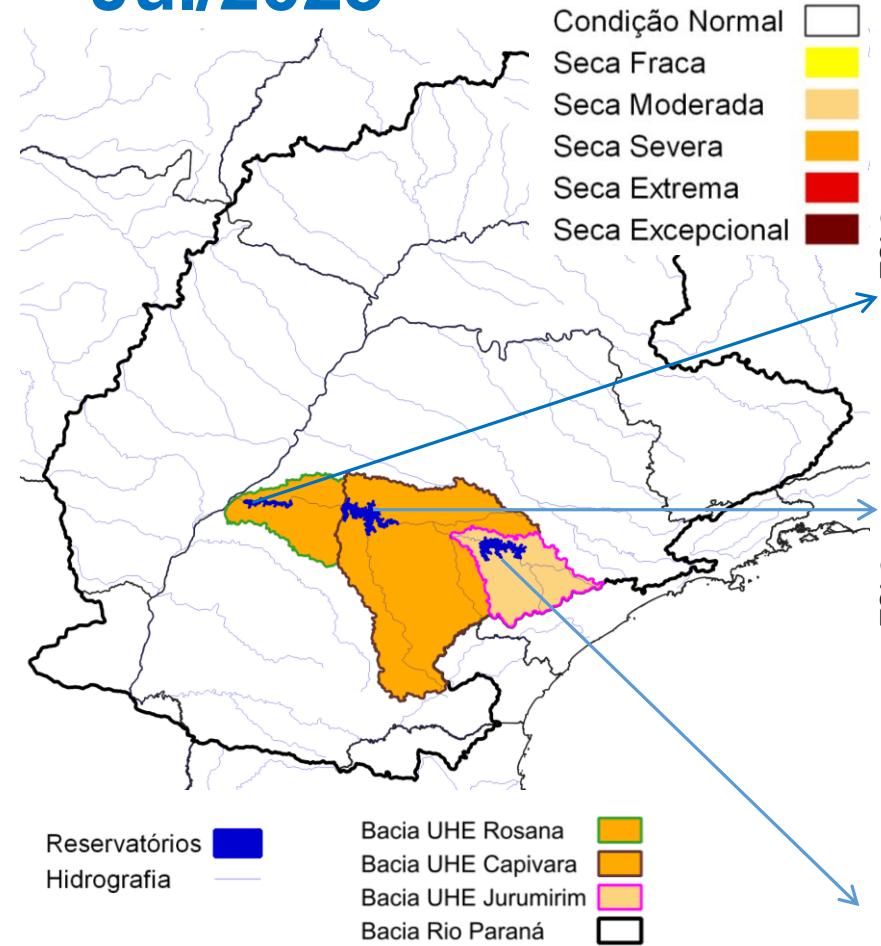


Fonte: CEMADEN/MCTI

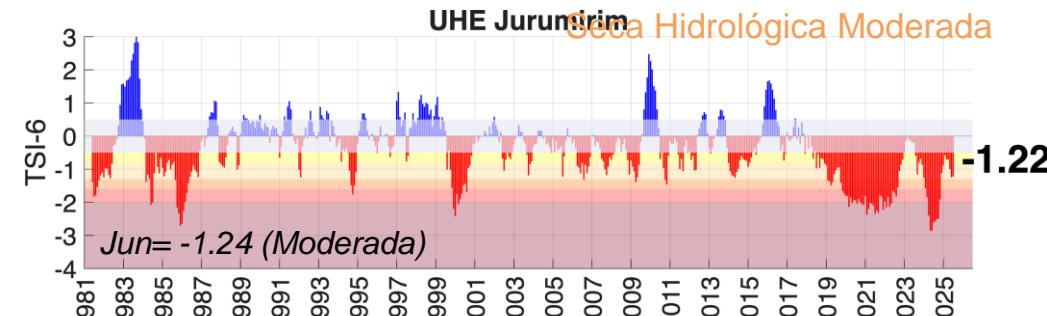
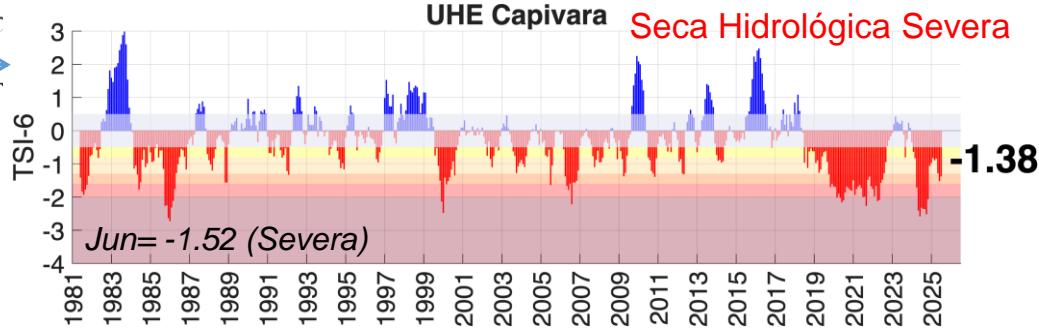
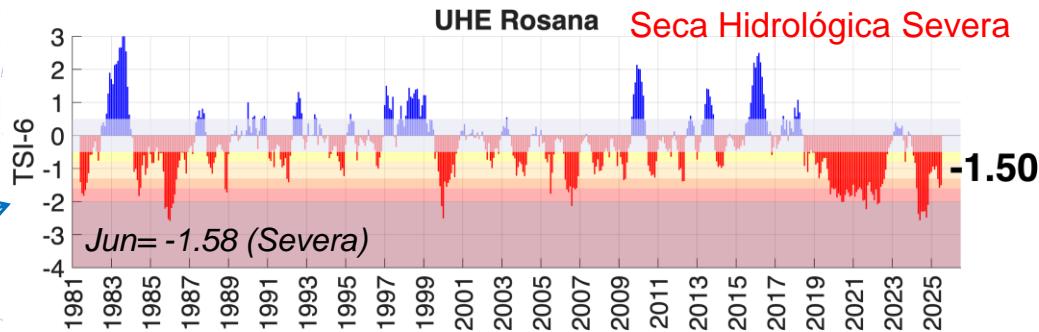
Dados: Precipitação (CHIRPS) e Vazão (ONS e ANA) Período: Jan/1981 – Jul/2025

BACIA DO RIO PARANAPANEMA

Jul/2025



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

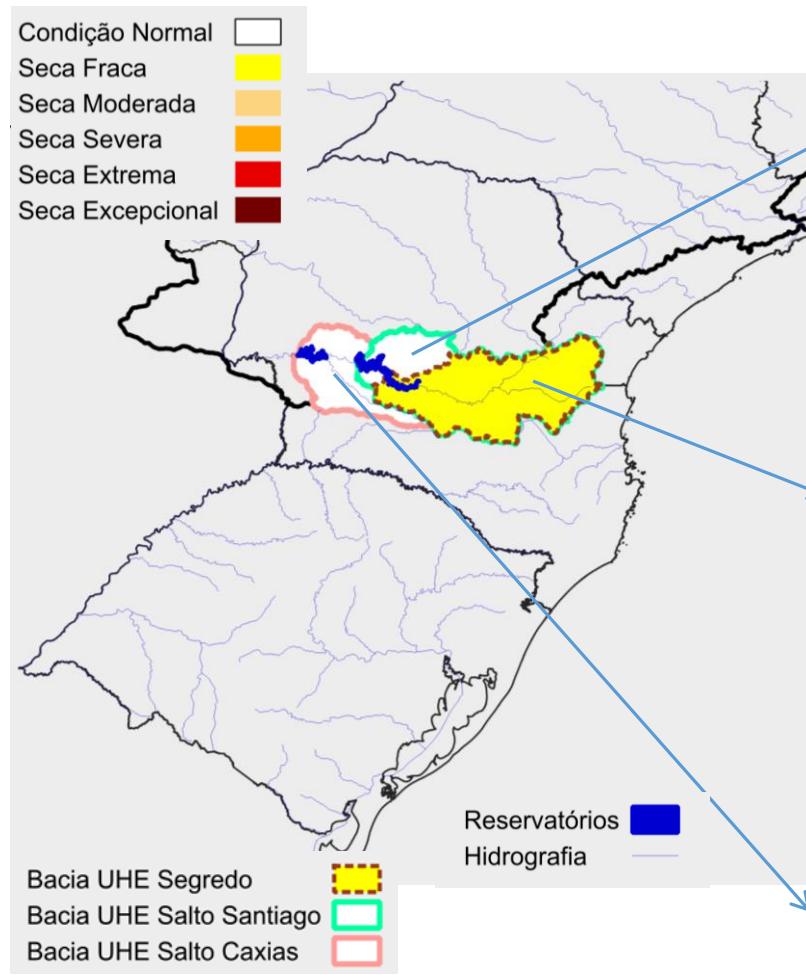


Fonte: CEMADEN/MCTI

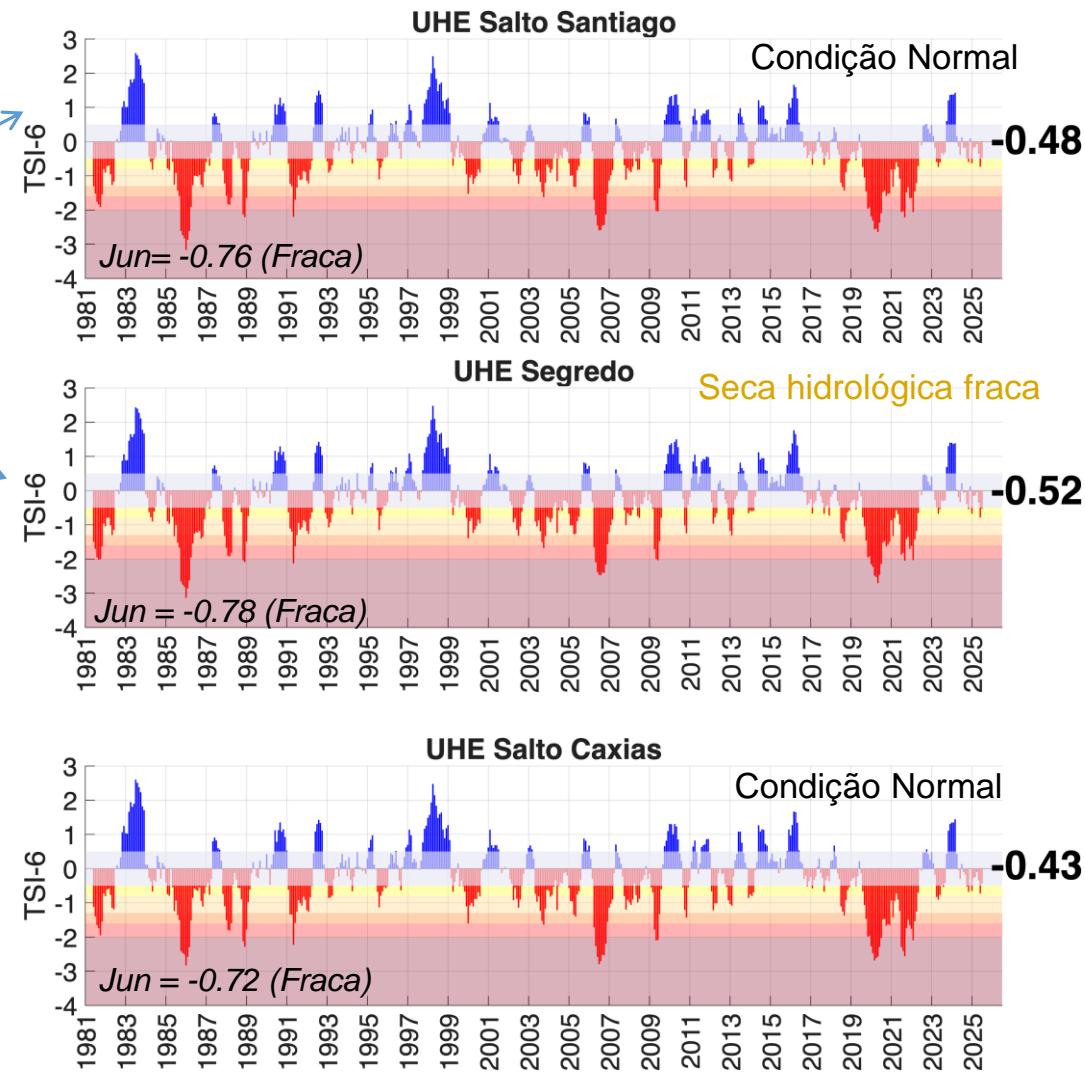
Dados: Precipitação (CHIRPS) e Vazão (ONS e ANA) Período: Jan/1981 – Jul/2025

BACIA DO RIO IGUAÇU

Jul/2025



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



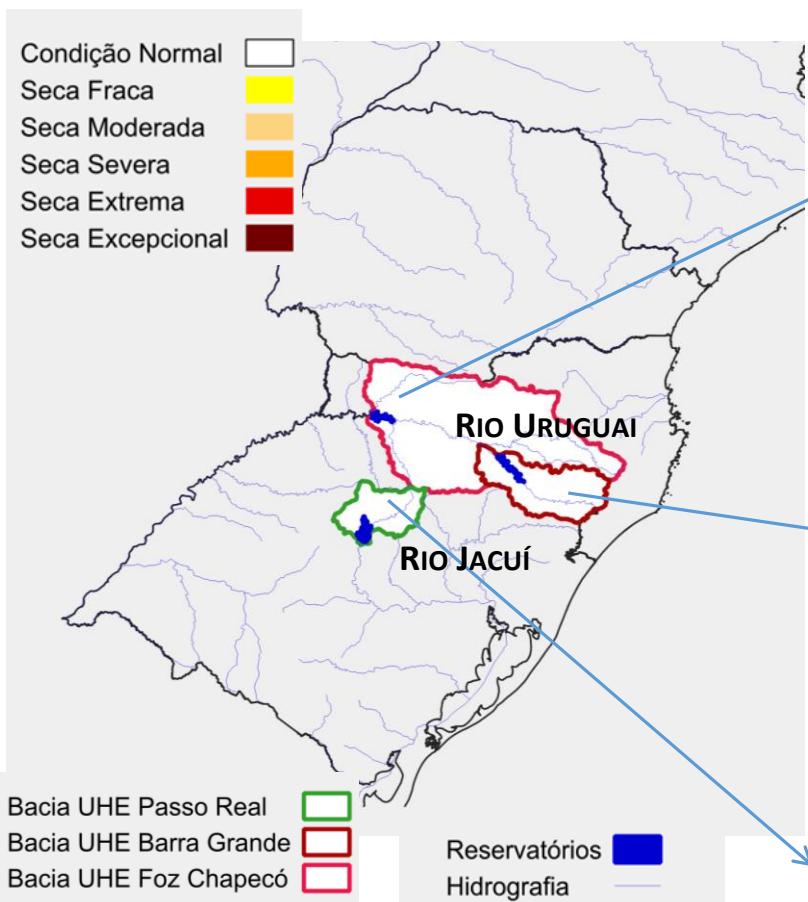
Fonte: CEMADEN/MCTI

Dados: Precipitação (CHIRPS) e Vazão (ONS e

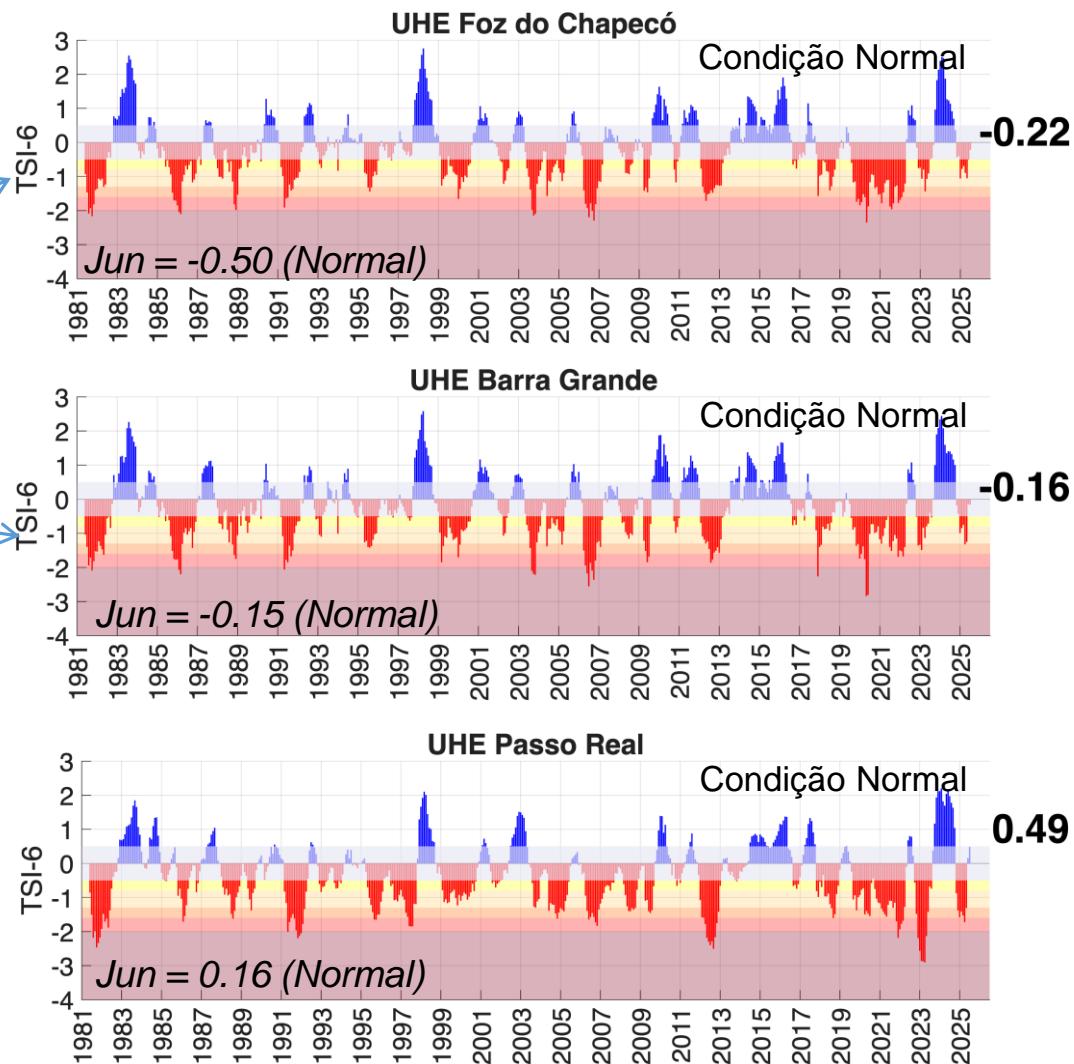
ANA) Período: Jan/1981 – Jul/2025

BACIAS HIDROGRÁFICAS: ESTADOS SC-RS

Jul/2025



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

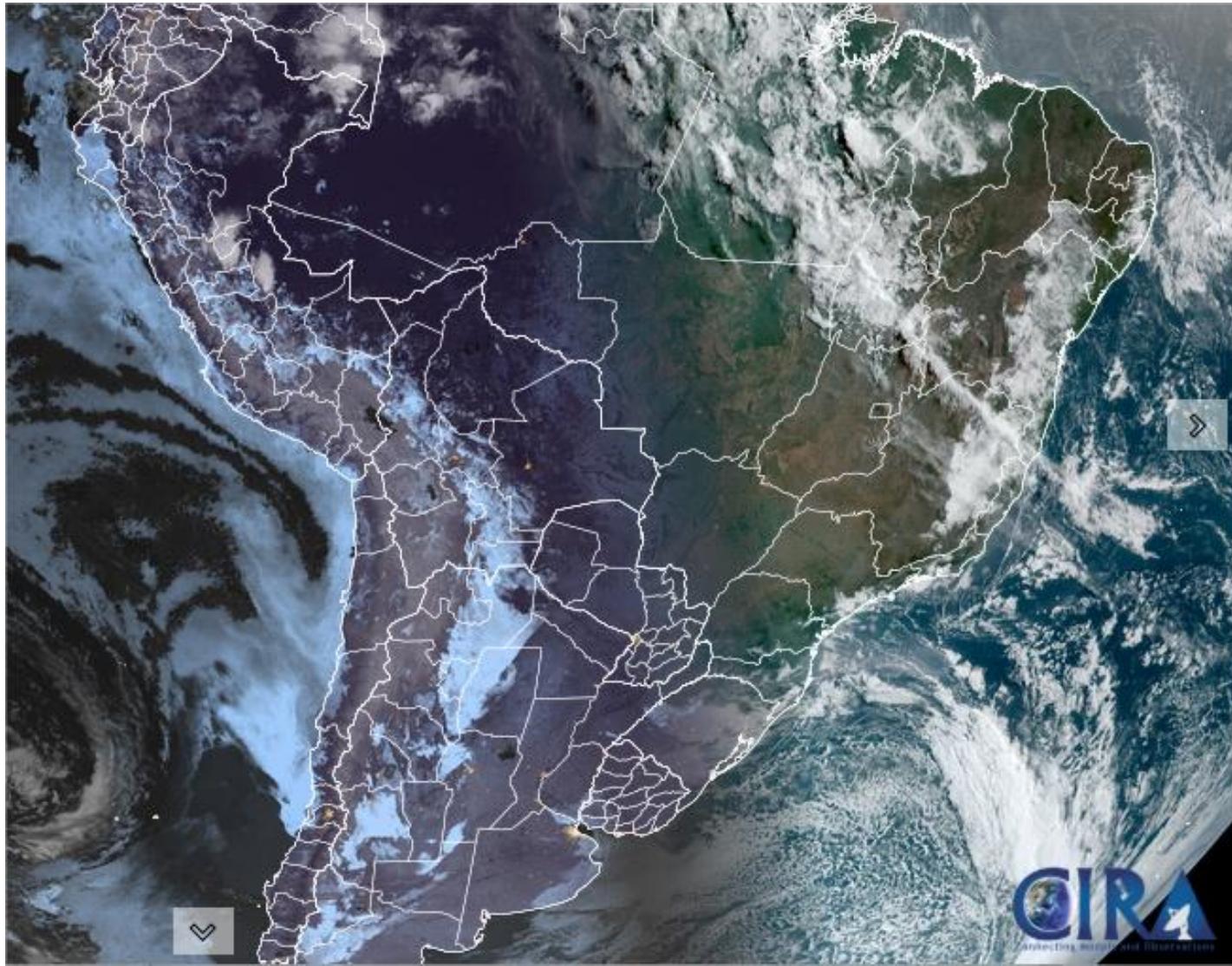


Fonte: CEMADEN/MCTI

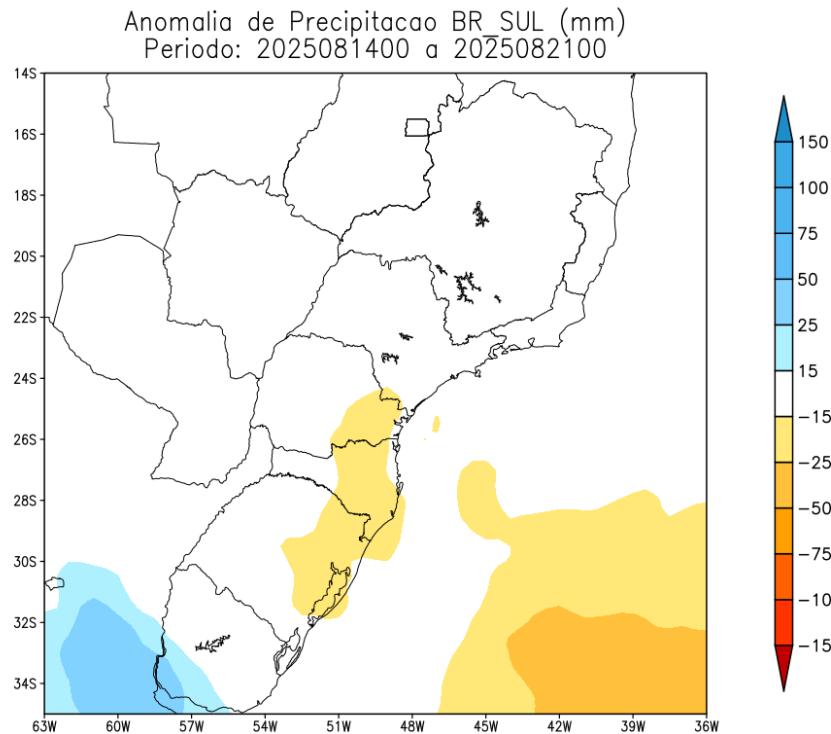
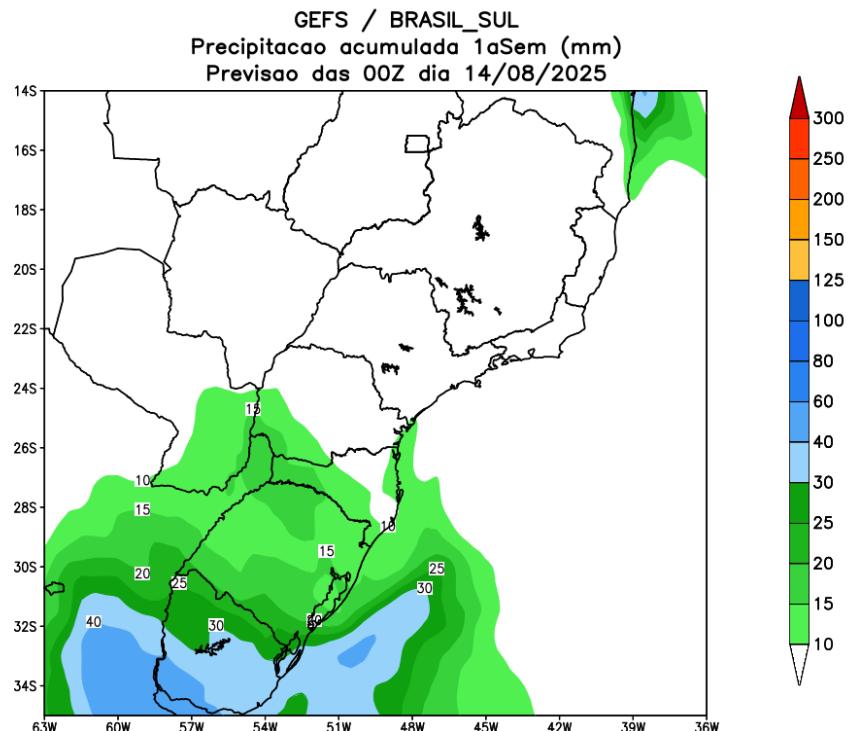
Dados: Precipitação (CHIRPS) e Vazão (ONS e

ANA) Período: Jan/1981 – Jul/2025

Situação meteorológica atual

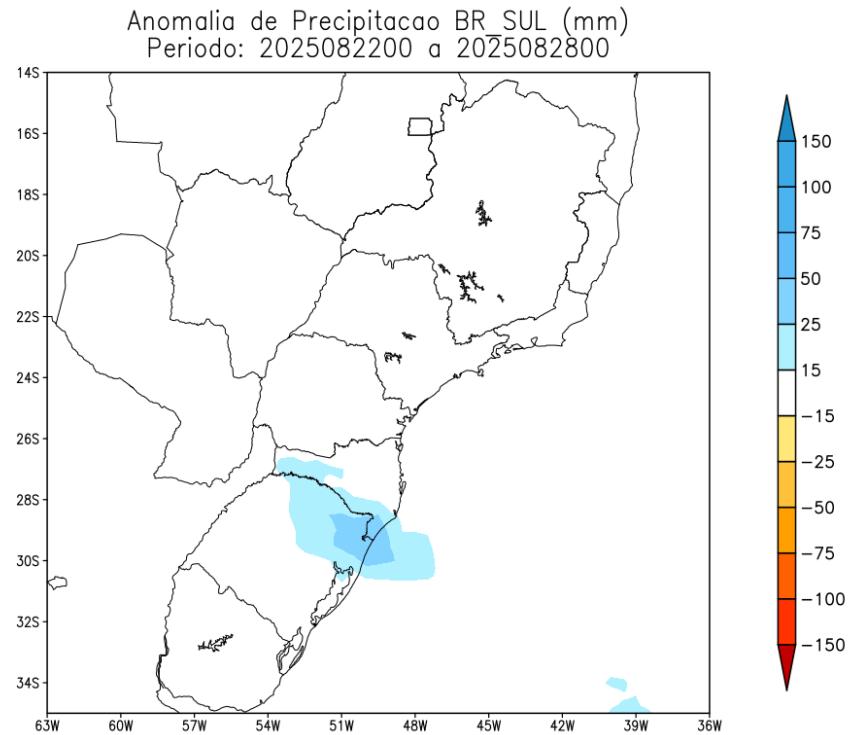
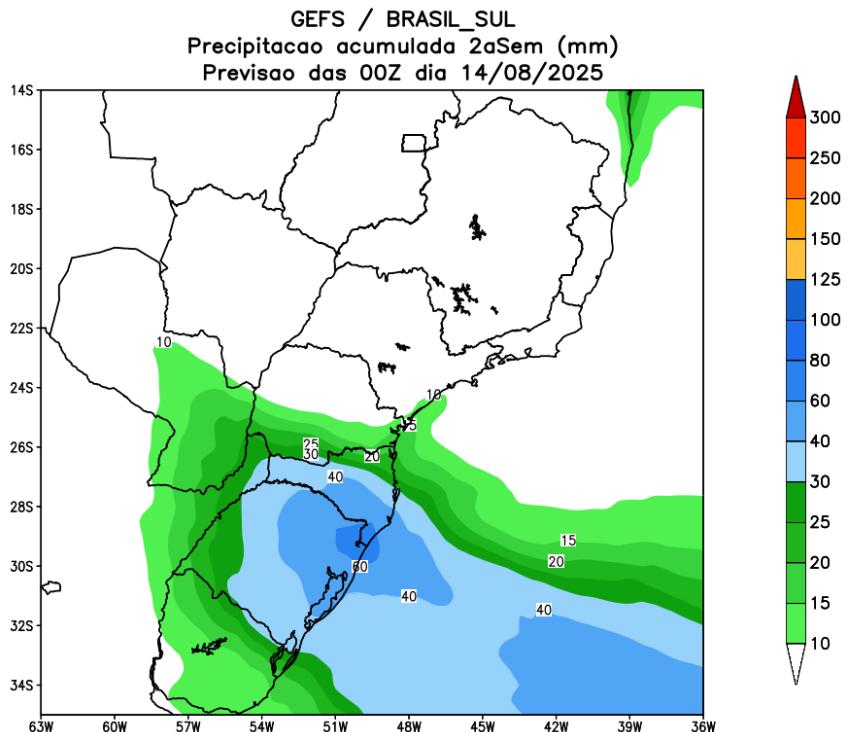


Previsão de chuva próximos 7 dias



MODELO GEFS

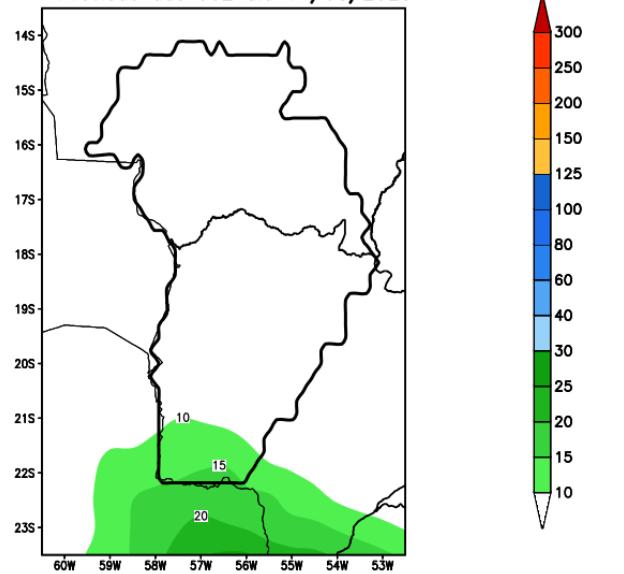
Tendência para a segunda semana



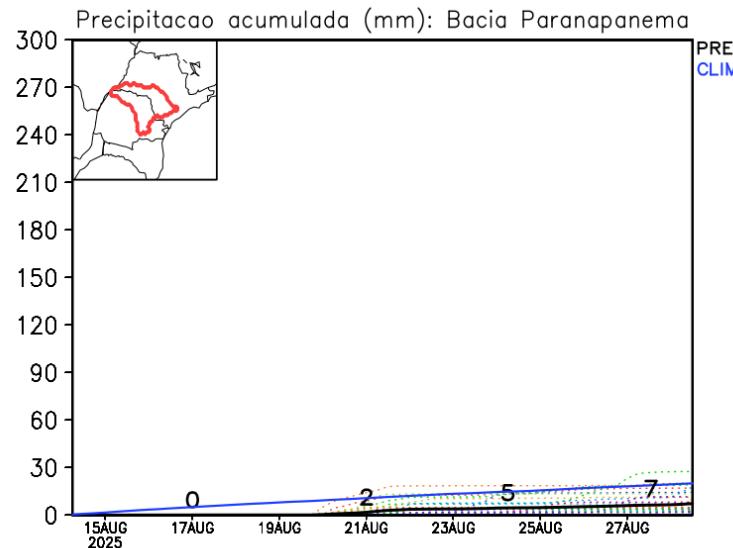
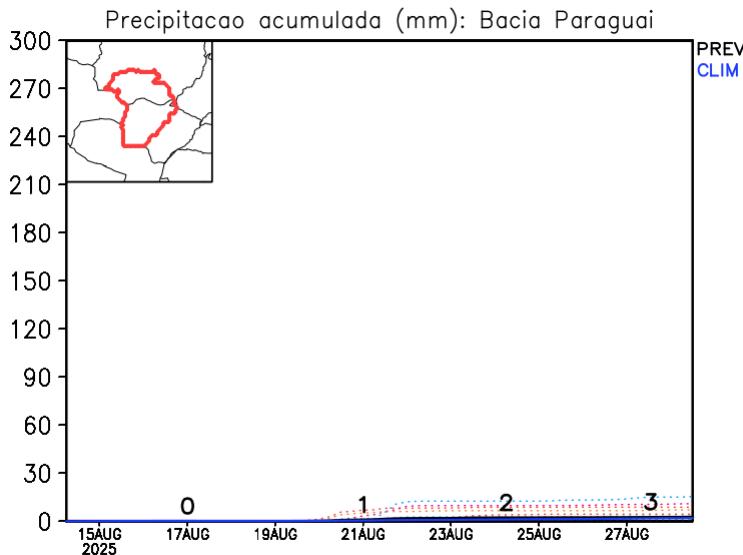
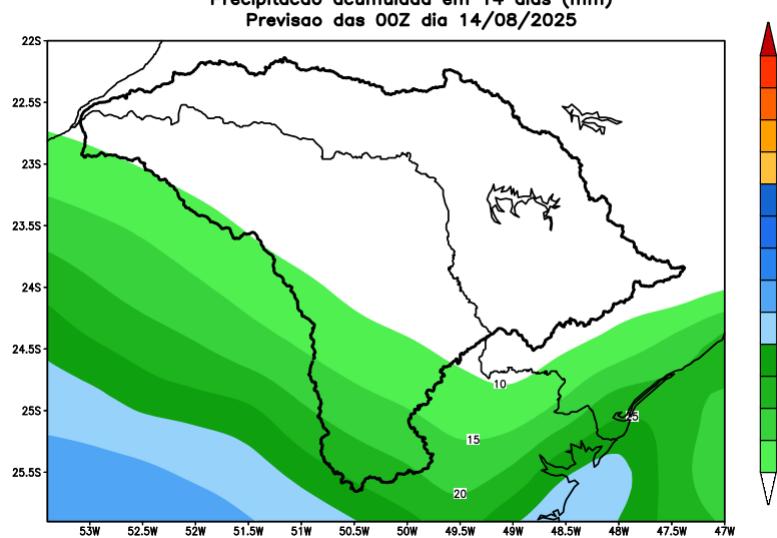
MODELO GEFS

Previsão para as principais bacias

GEFS / Bacia do Rio Paraguai
Precipitação acumulada em 15 dias (mm)
Previsão das 00Z dia 14/08/2025

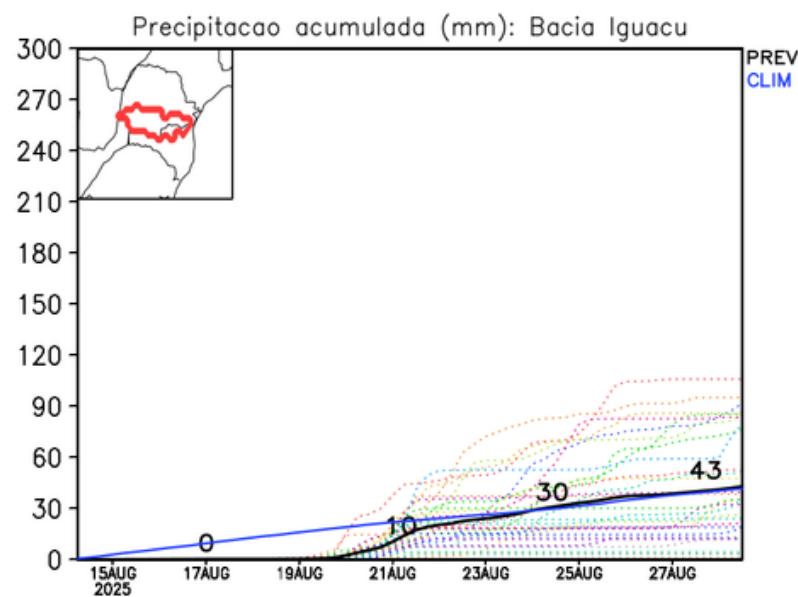
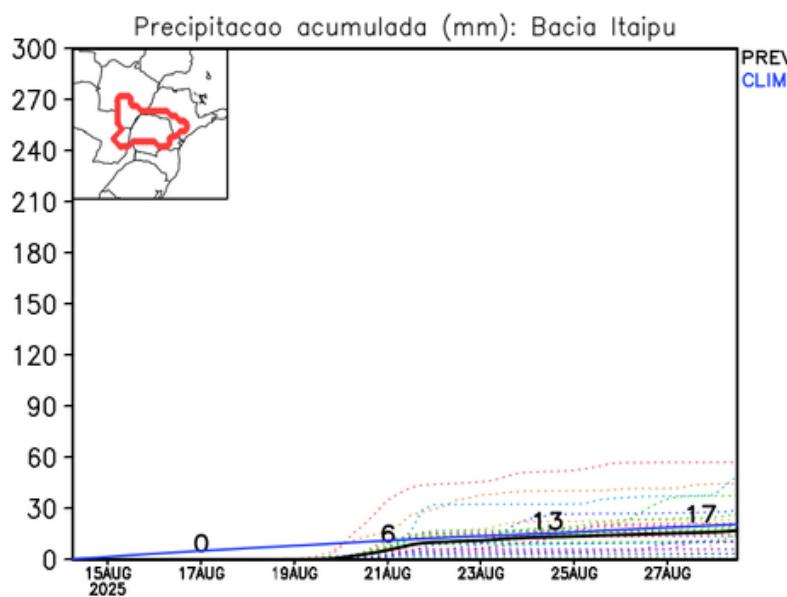
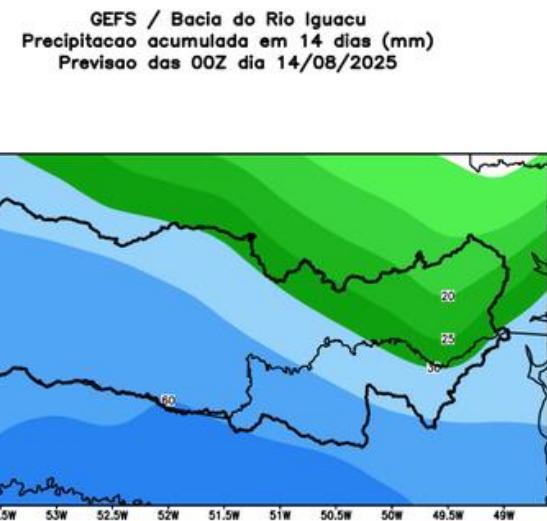
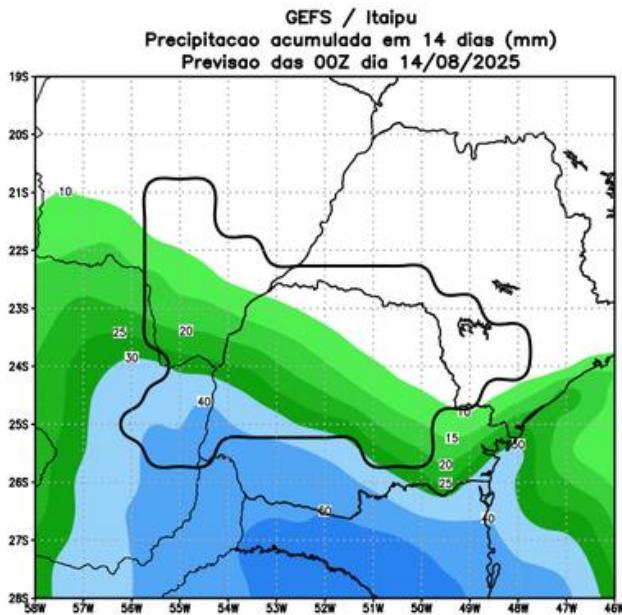


GEFS / Bacia do Rio Paranapanema
Precipitação acumulada em 14 dias (mm)
Previsão das 00Z dia 14/08/2025

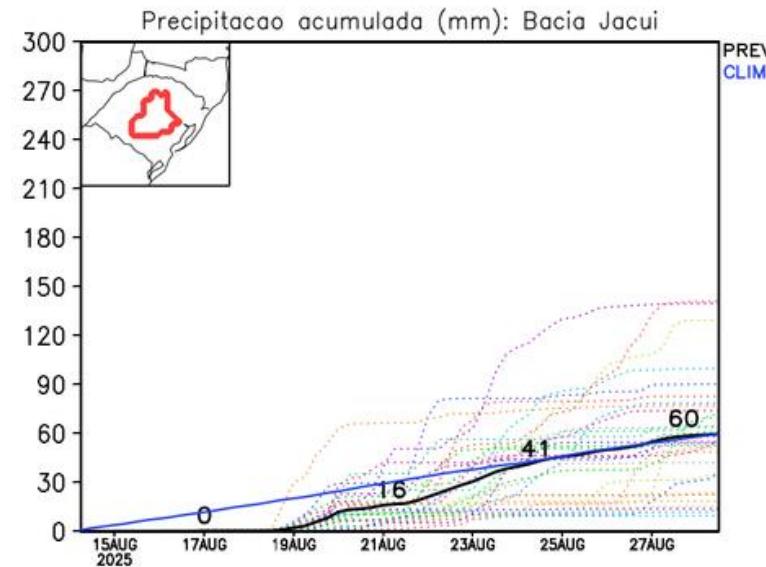
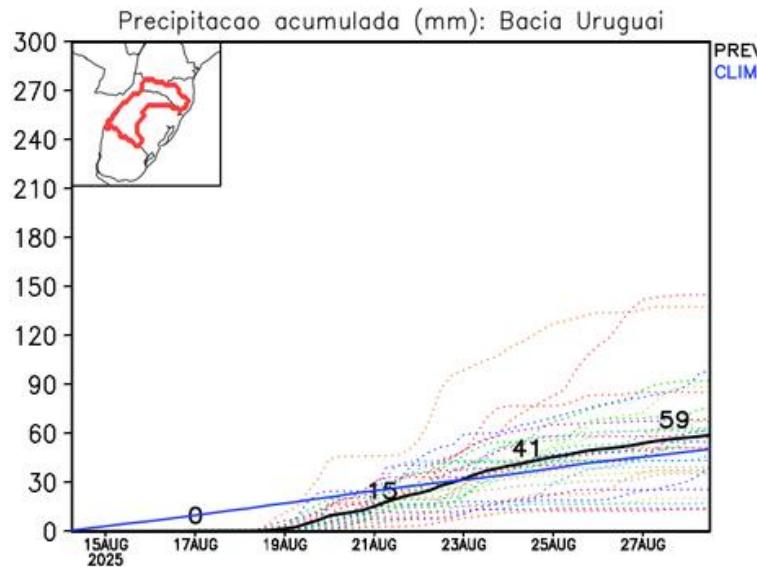
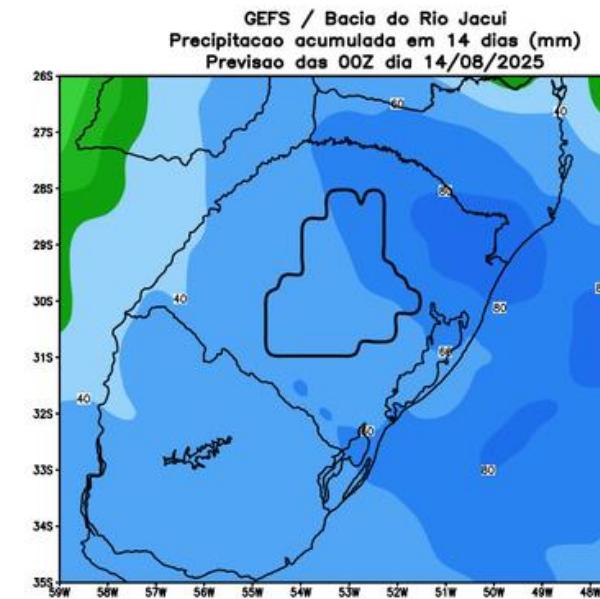
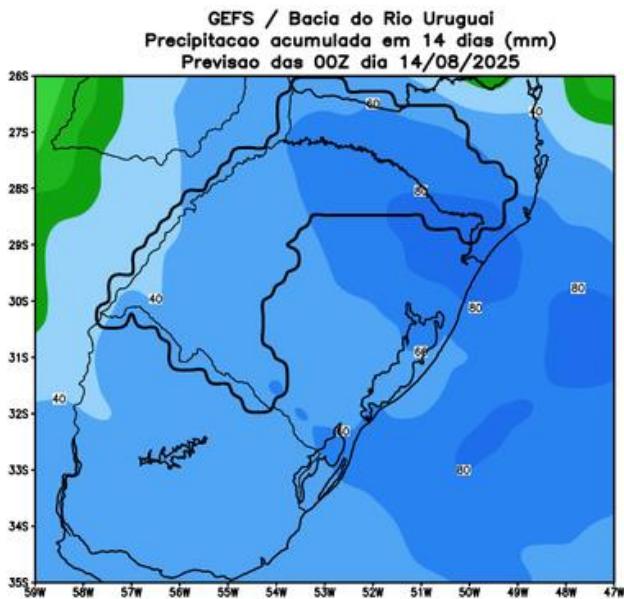


MODELO GEFS

Previsão para as principais bacias



Previsão para as principais bacias



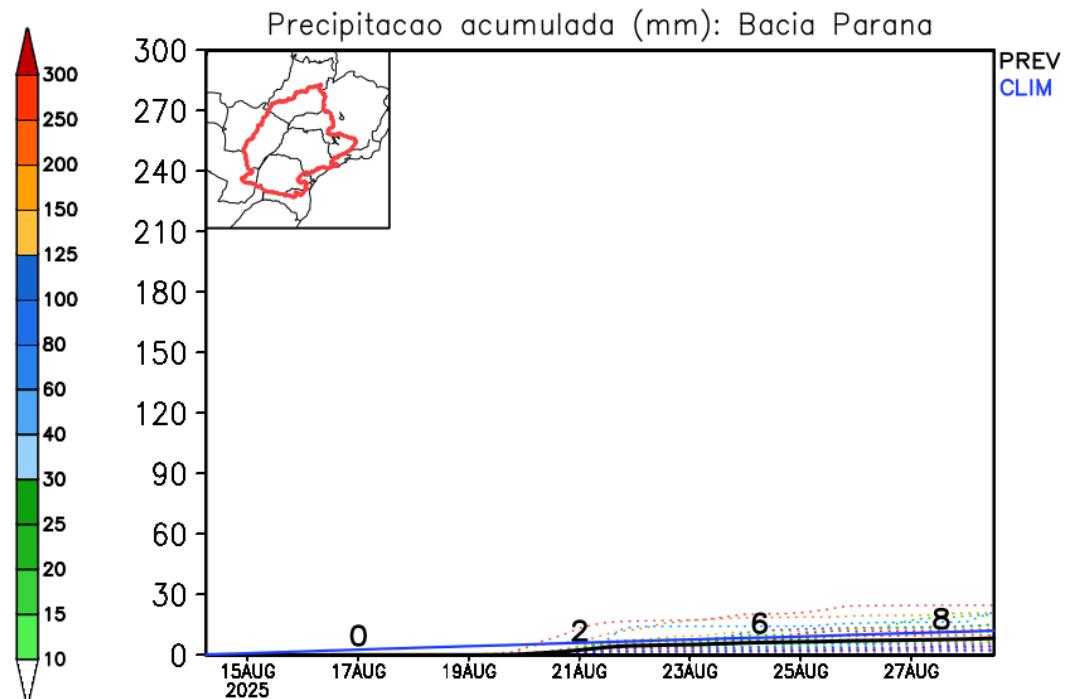
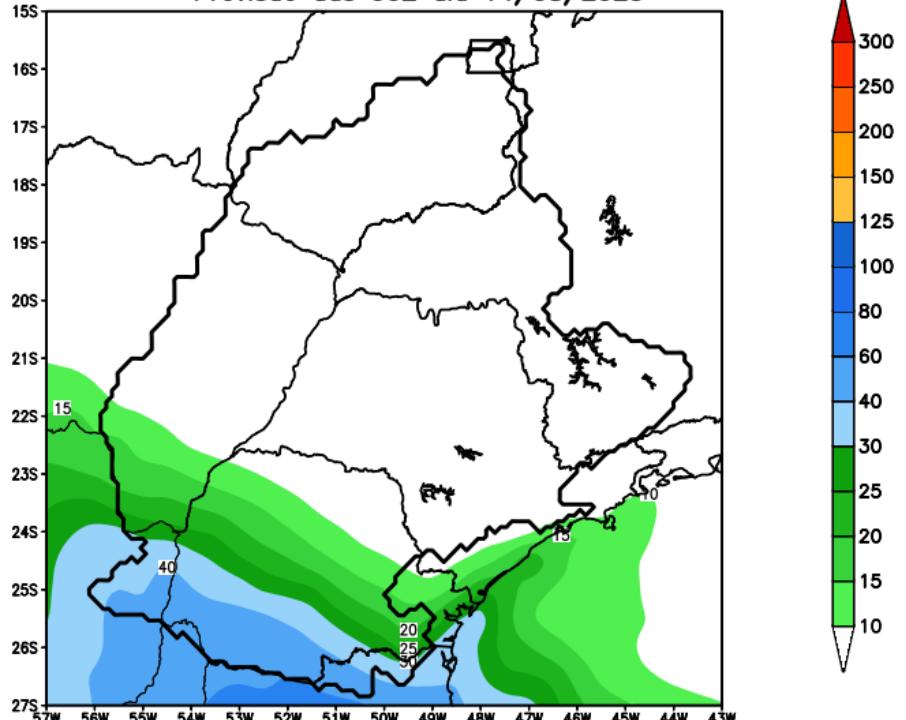
MONITORAMENTO DA SITUAÇÃO DA SECA NA REGIÃO SUL



MINISTÉRIO DA
CIÊNCIA, TECNOLOGIA
E INovação

GOVERNO FEDERAL
BRASIL
UNião e RECONSTRUÇÃO

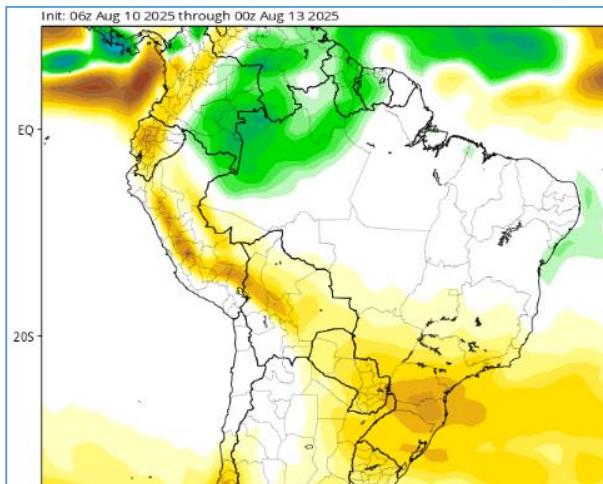
GEFS / Bacia do Paraná
Precipitação acumulada em 14 dias (mm)
Previsão das 00Z dia 14/08/2025



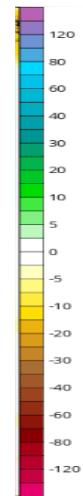
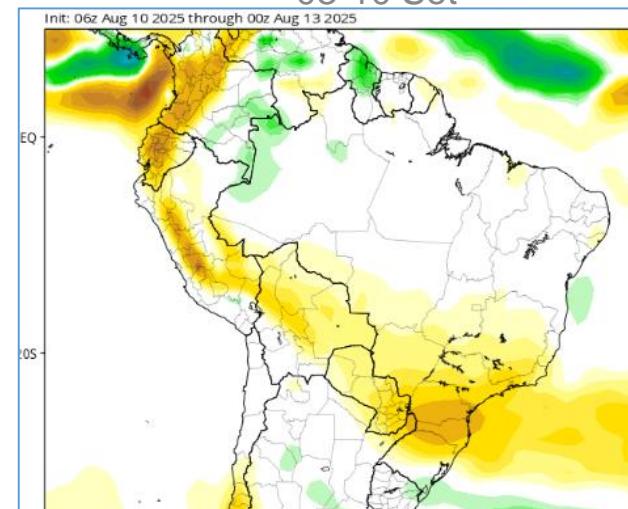
Anomalia de Chuva 3a e 4a semanas

Modelo
Americano
CFS/NOAA

27 Ago – 03 Set

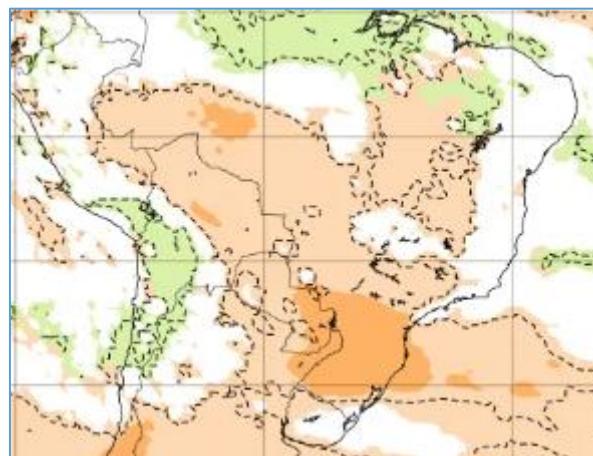
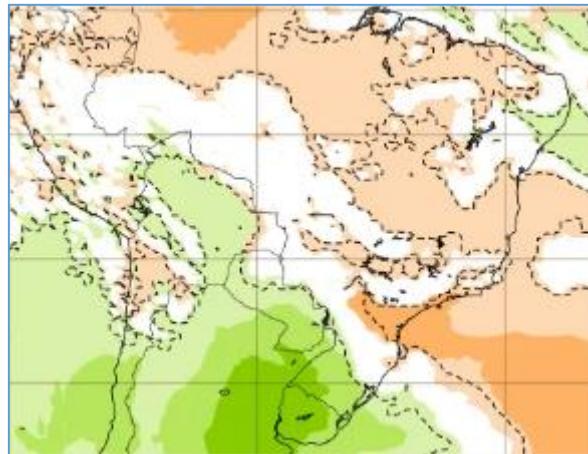


03-10 Set



Modelo Europeu
ECMWF

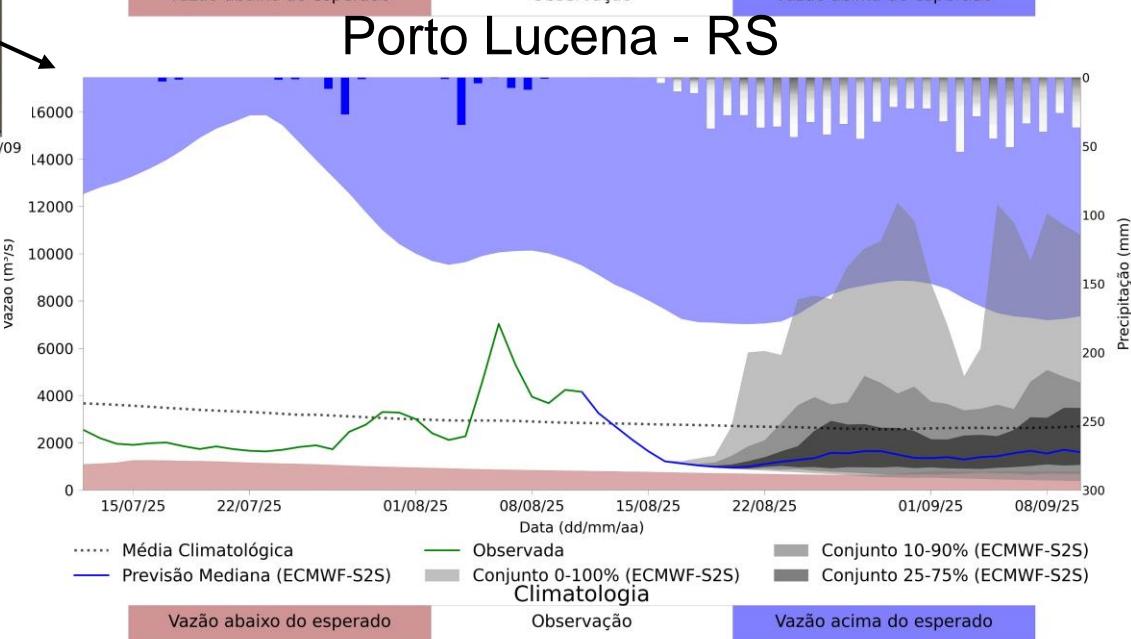
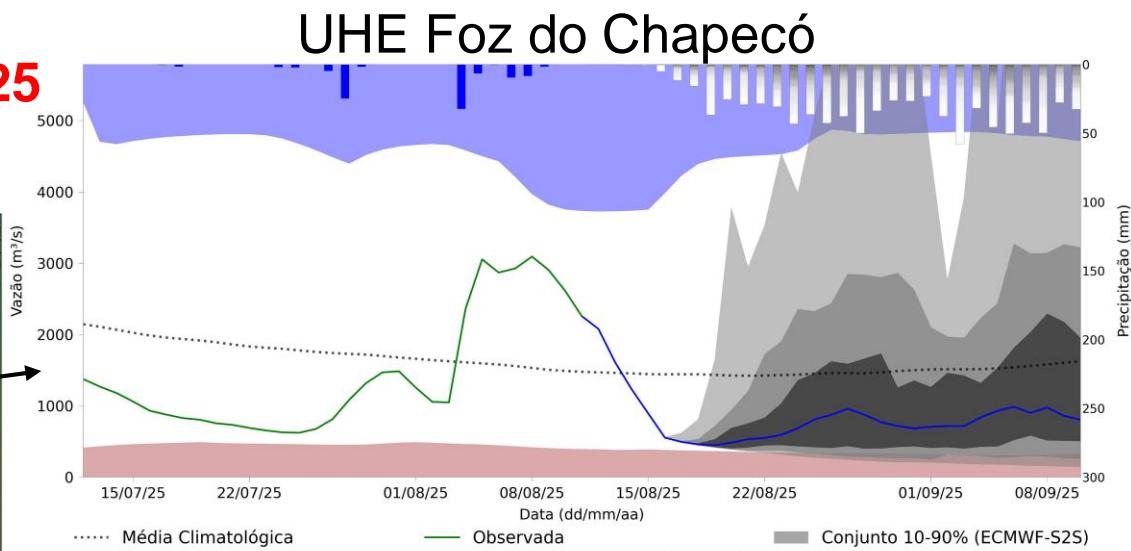
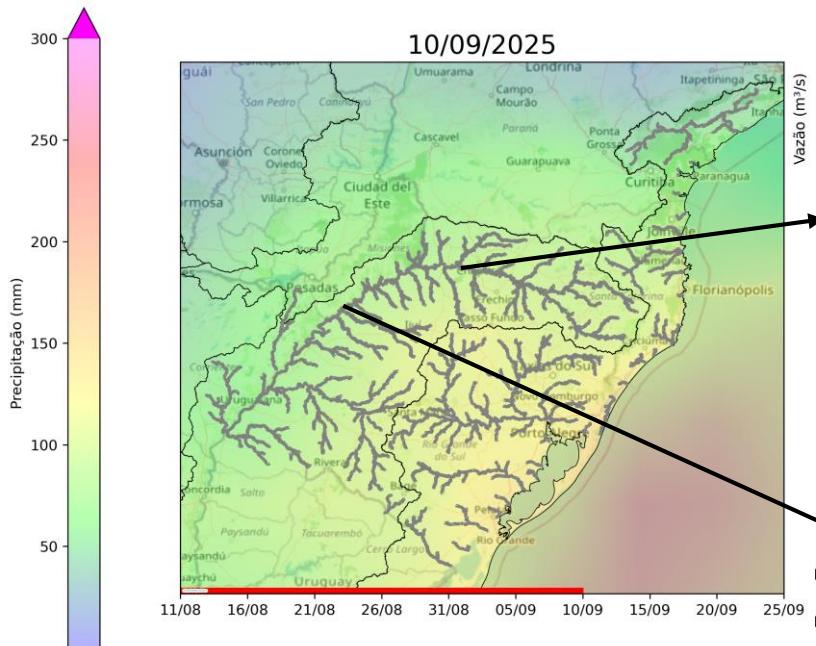
25 Ago – 01 Set



01-08 Set

Previsão de vazão natural na Região Sul 30 dias (Modelo hidrológico MHD)

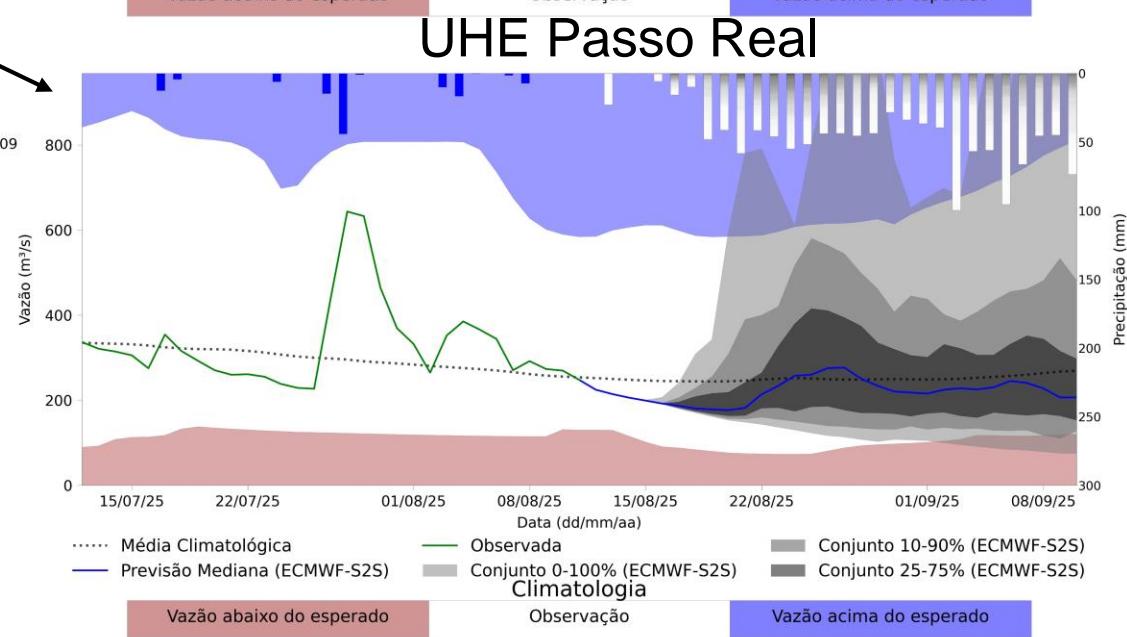
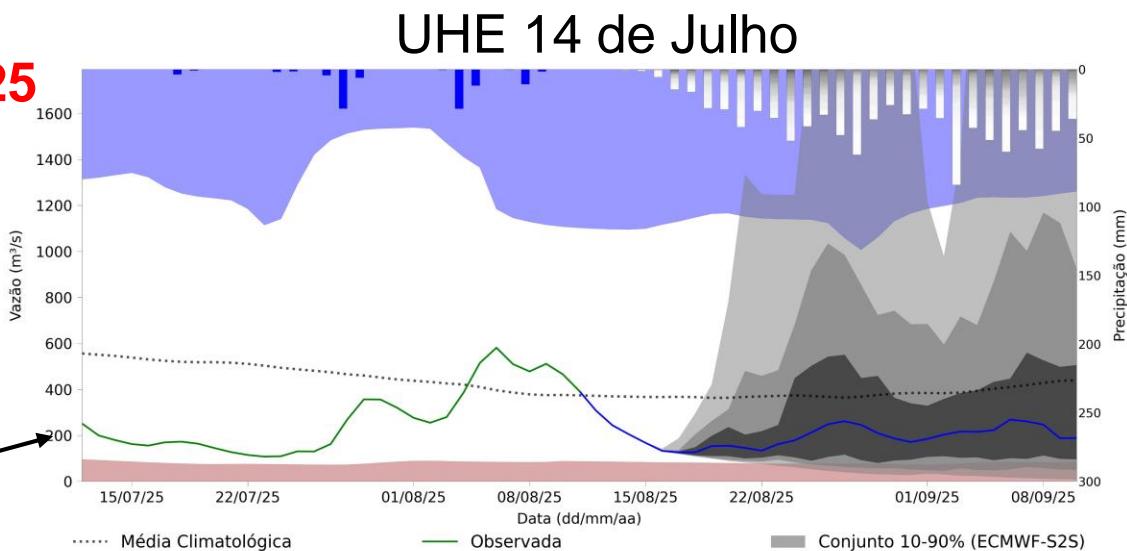
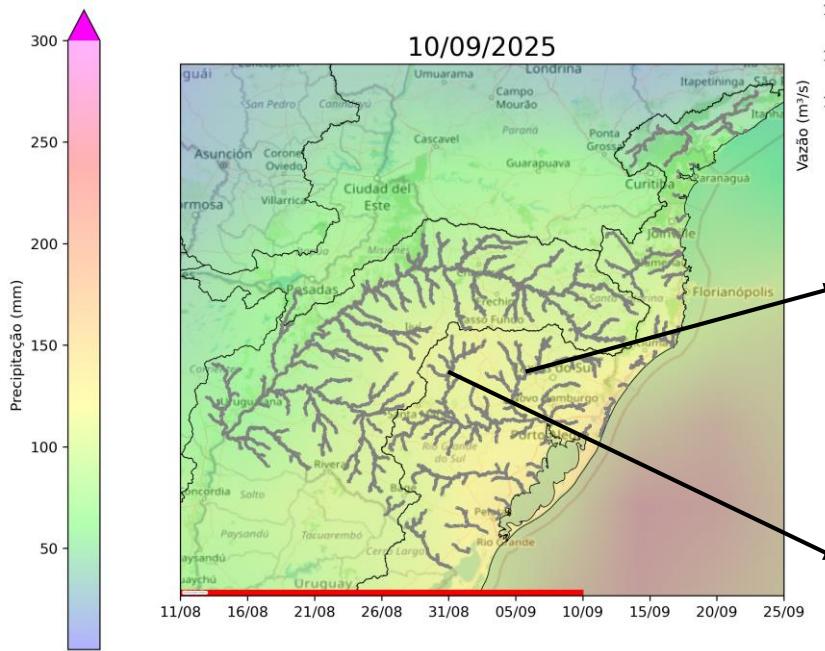
PREVISÃO: 11/08/25 a 10/09/25



Fonte: Meteorologia (INMET/MERGE);
Vazão (ANA/ONS)
MLT: 2003-2024
Previsão Meteorológica: ECMWF

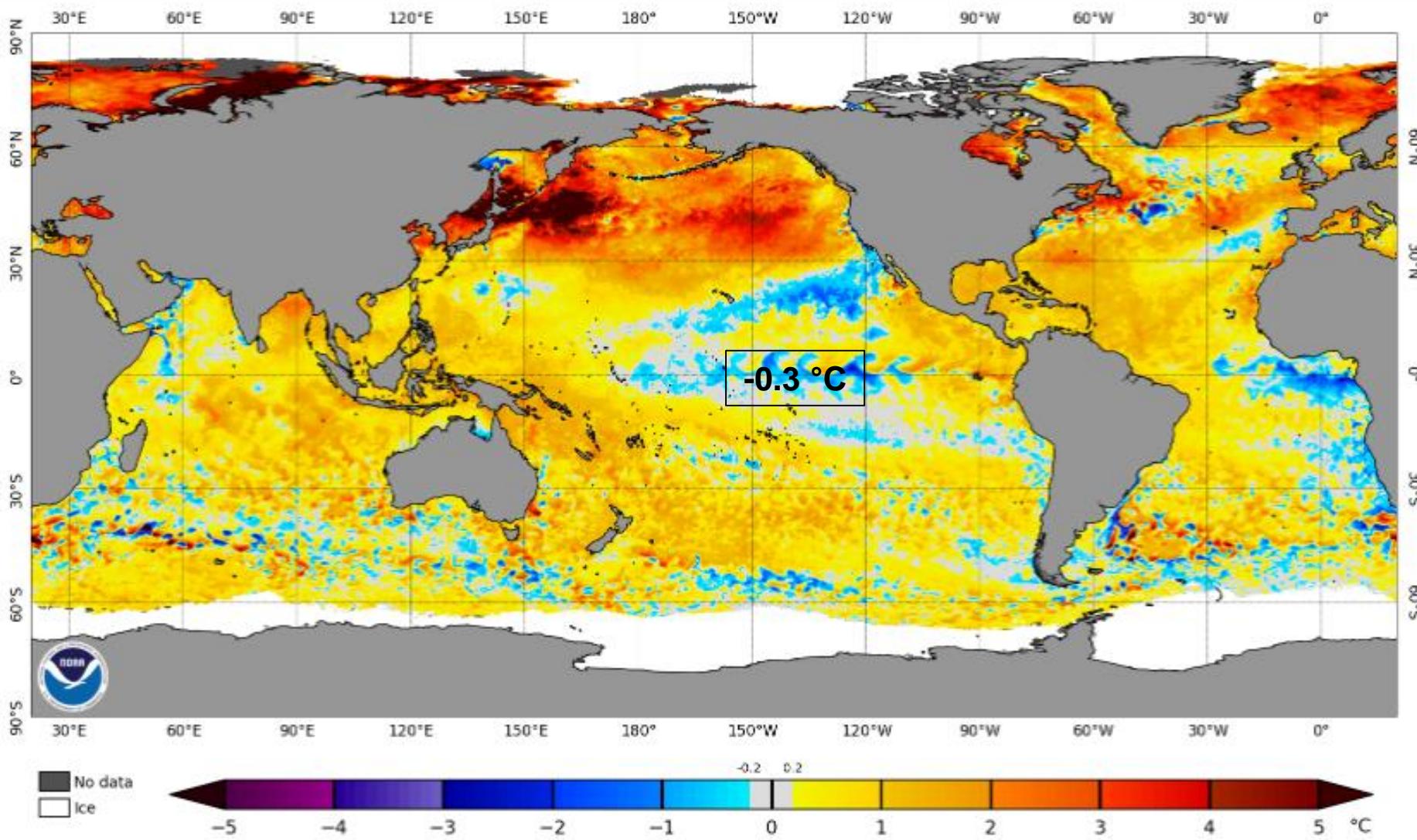
Previsão de vazão natural na Região Sul 30 dias (Modelo hidrológico MHD)

PREVISÃO: 11/08/25 a 10/09/25



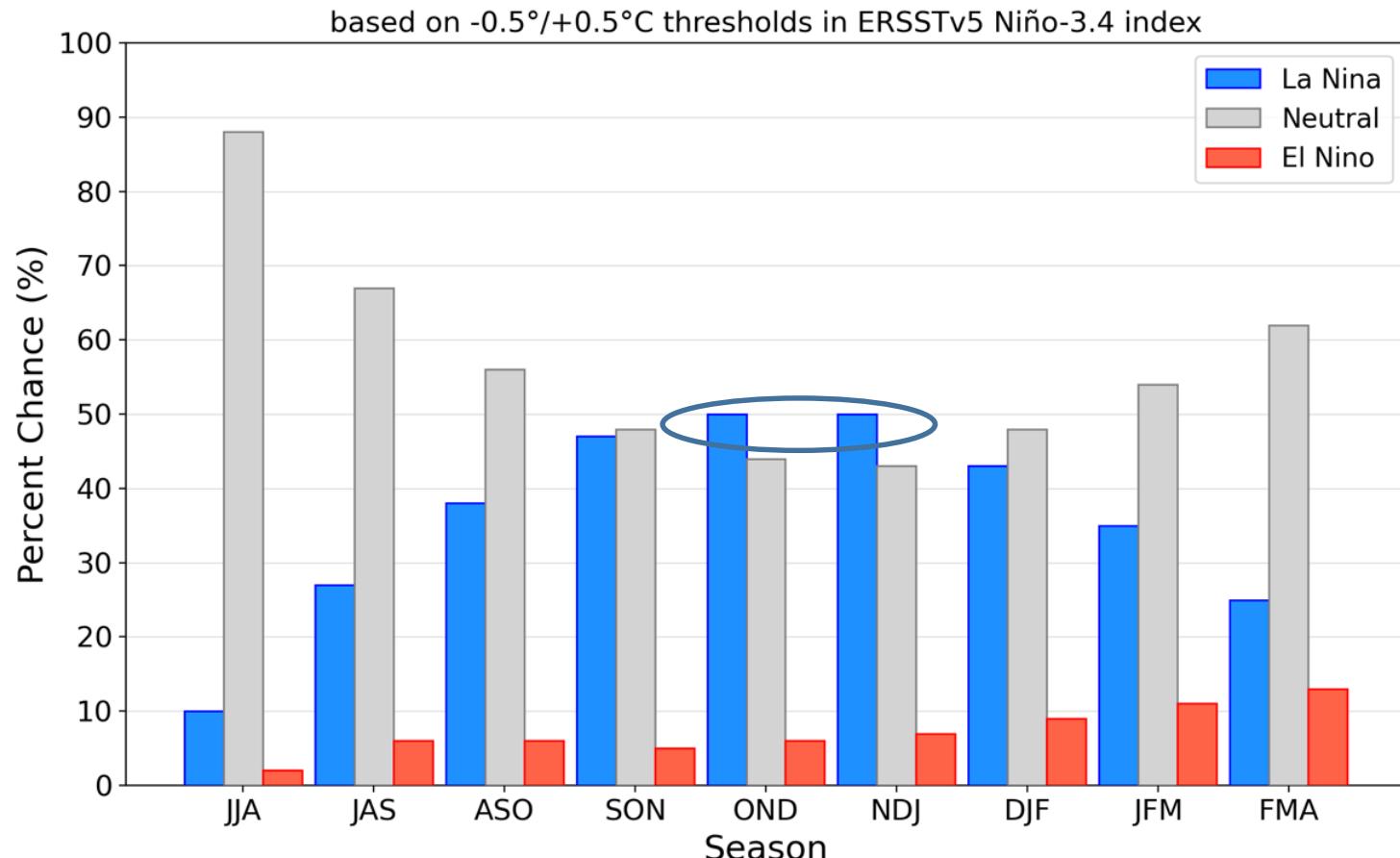
Fonte: Meteorologia (INMET/MERGE);
Vazão (ANA/ONS)
MLT: 2003-2024
Previsão Meteorológica: ECMWF

Situação Oceânica



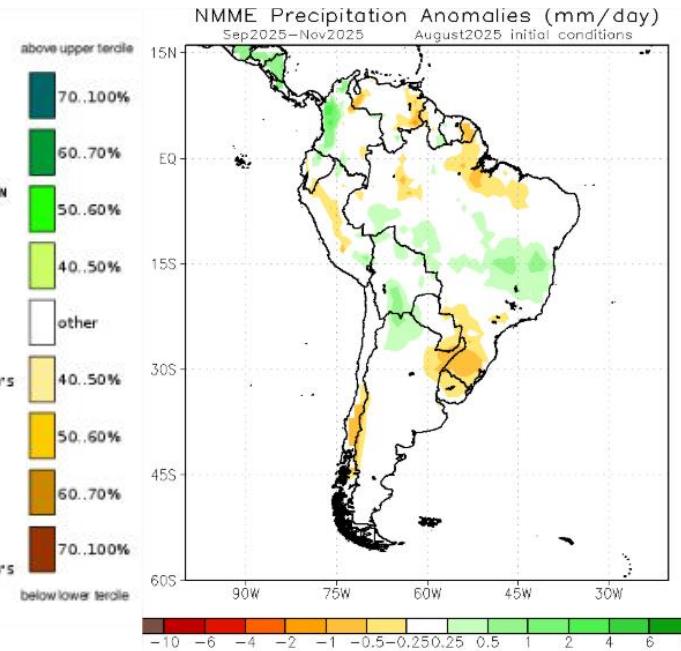
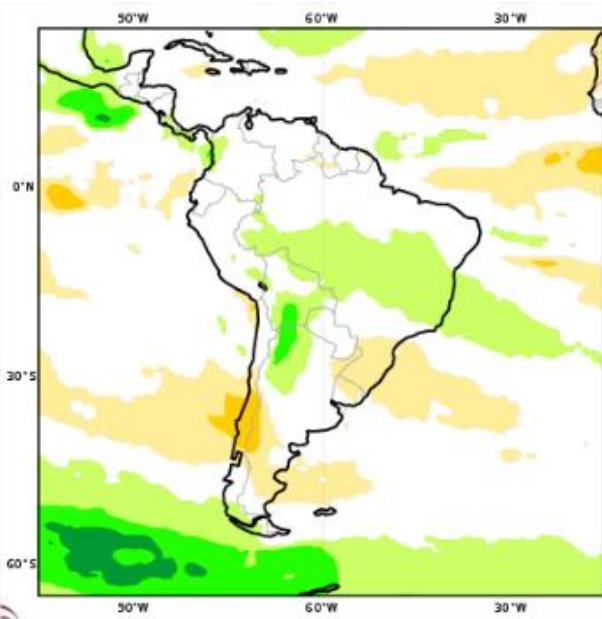
Previsão do “ENSO”

Official NOAA CPC ENSO Probabilities (issued July 2025)

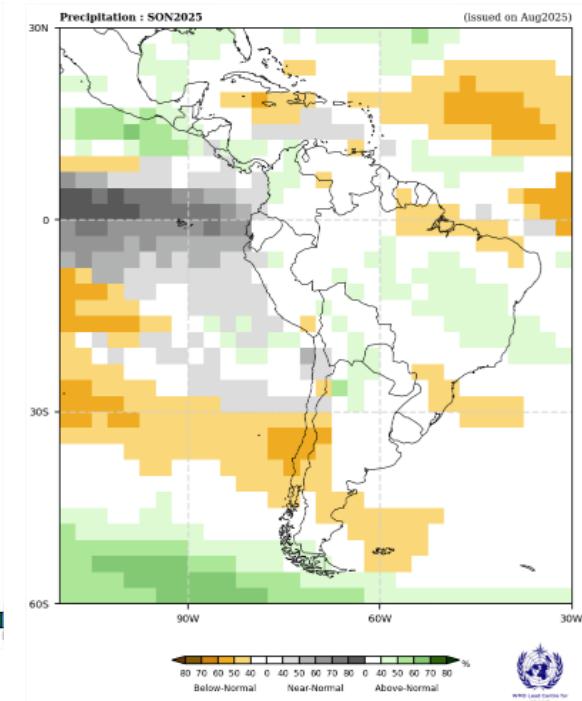


Previsão Sazonal de Chuva Multi-Modelo

Setembro-Outubro-Novembro



Modelos Norte
Americanos



Modelos da WMO

