

CEMADEN

Centro Nacional de Monitoramento e
Alertas de Desastres Naturais



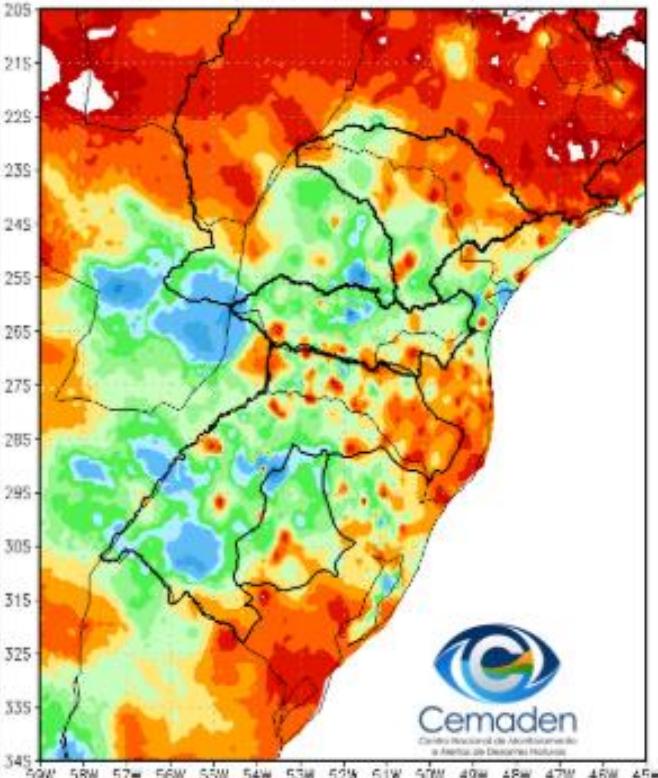
Monitoramento e Previsões da situação hidrometeorológica na Região Sul

JUNHO 2025

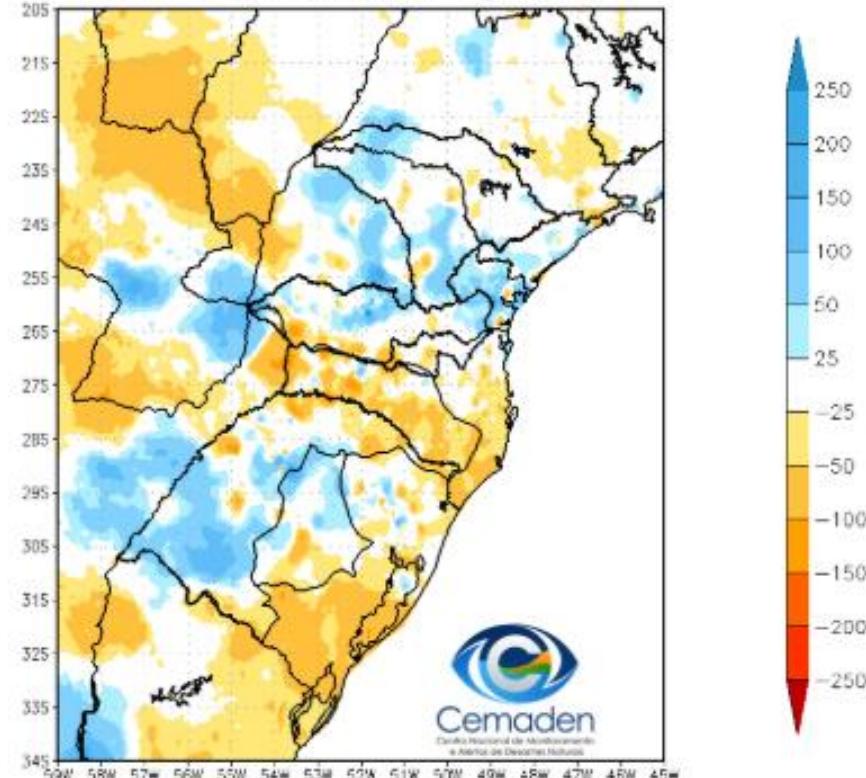


Precipitação nos últimos 30 dias

Precipitação Acumulada (mm) A.S.
Período: 12/05/2025 a 11/06/2025

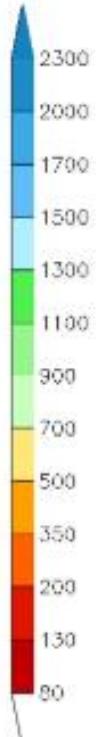
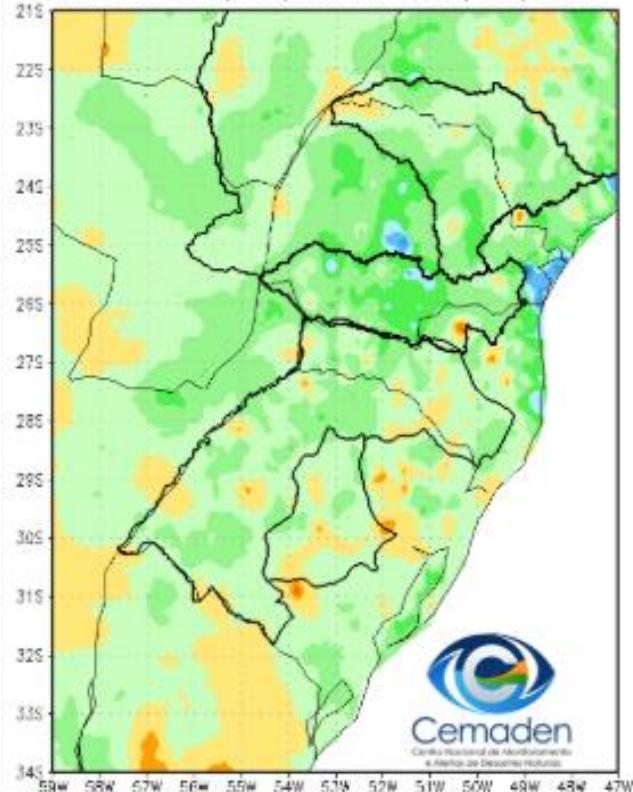


Anomalia de Precipitação (mm) A.S.
Período: 12/05/2025 a 11/06/2025

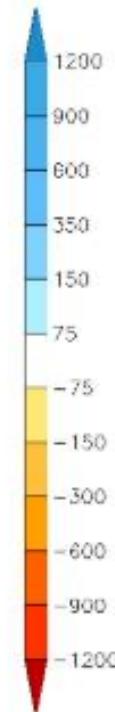
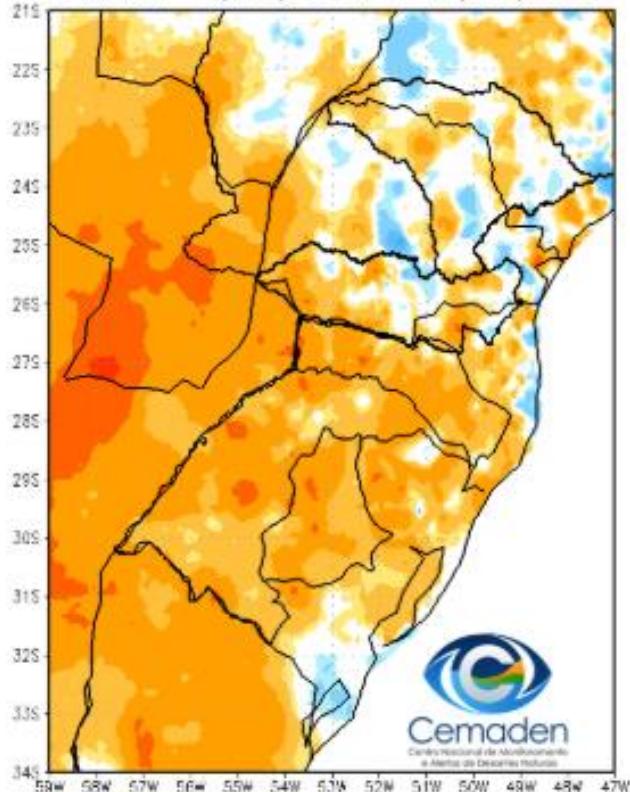


Precipitação no Ano Hidrológico

Precipitação Acumulada (mm) A.S.
Período: 01/10/2024 a 11/06/2025



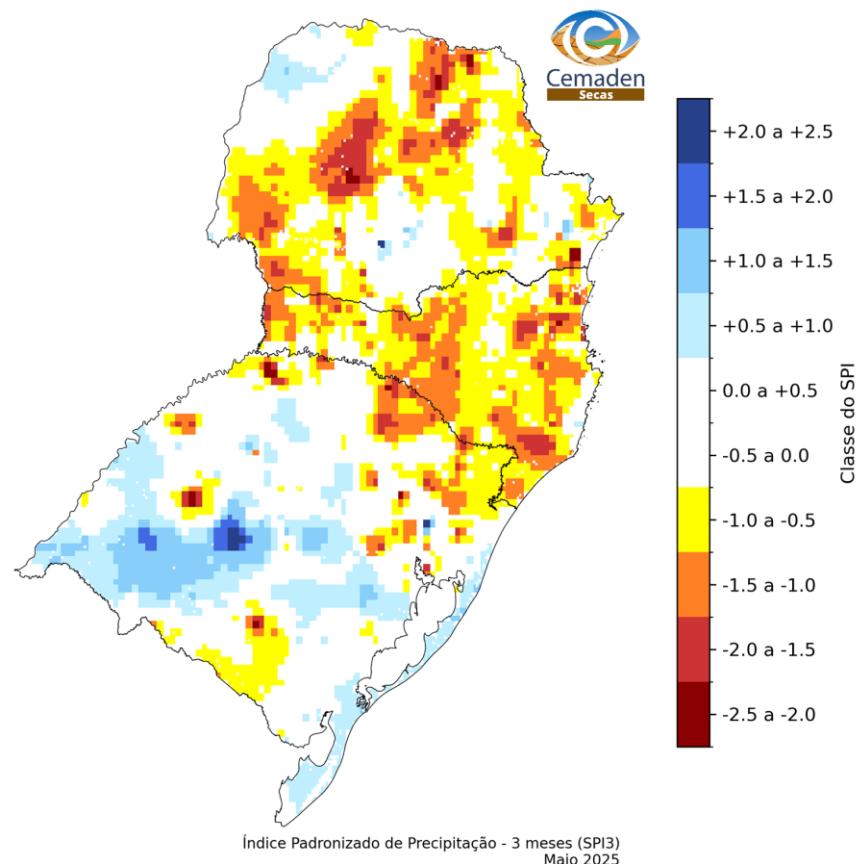
Anomalia de Precipitação (mm) A.S.
Período: 01/10/2024 a 11/06/2025



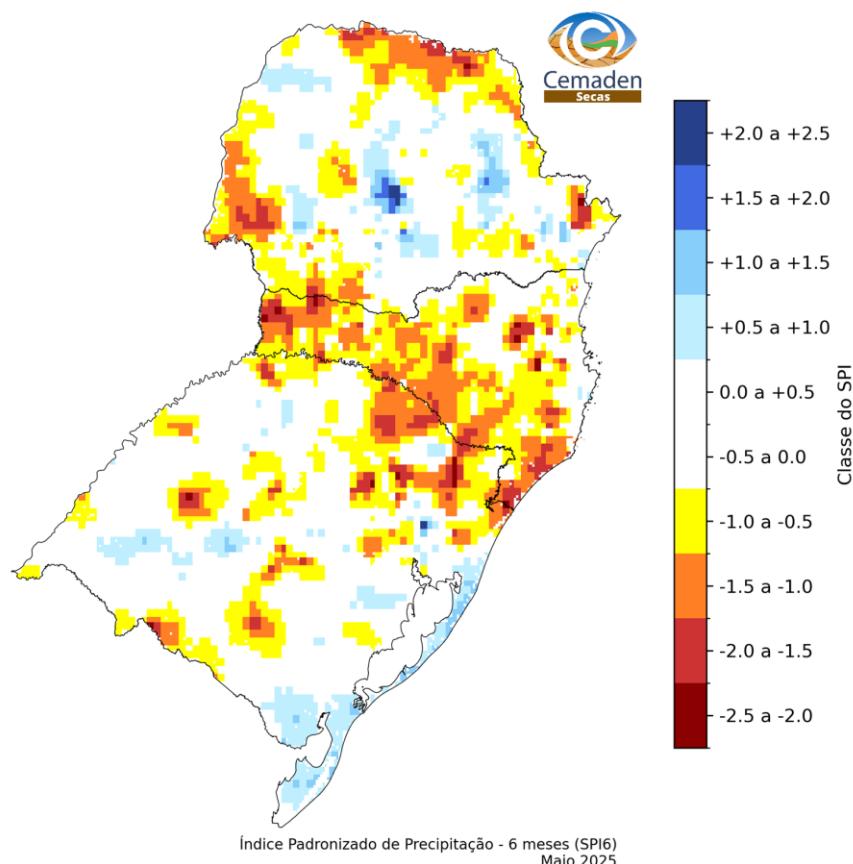
 Cemaden
Centro Nacional de Monitoramento e Alertas de Desastres Naturais

SPI: MAIO 2025

SPI-03



SPI-06

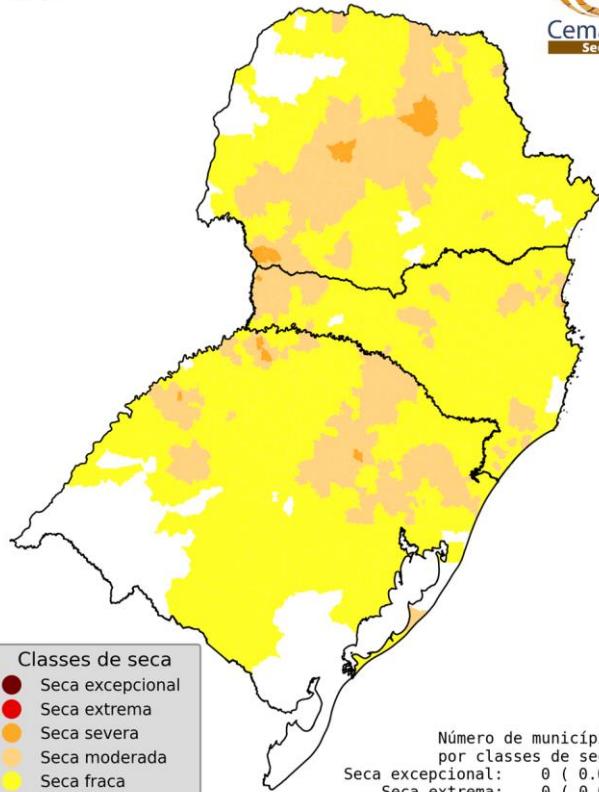


ÍNDICE INTEGRADO DE SECA: ANÁLISE POR MUNICÍPIOS

IIS-03 OBSERVADO

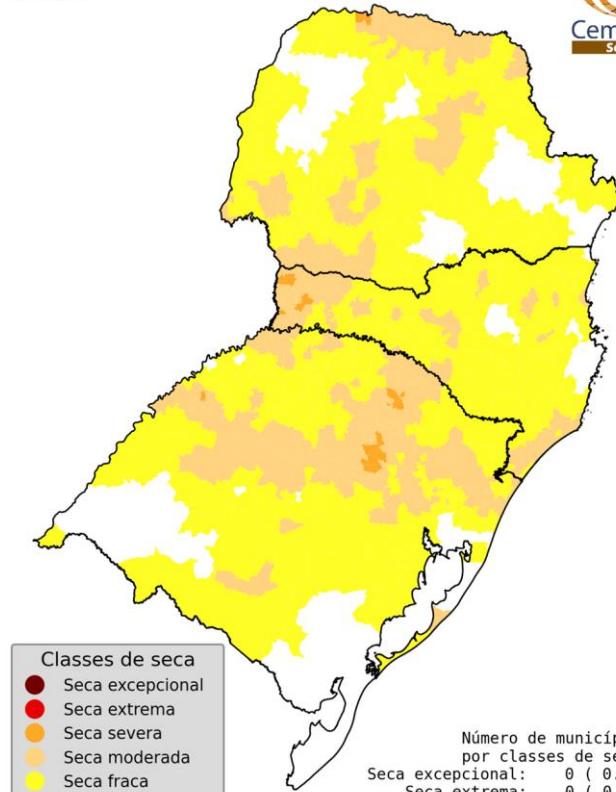
IIS-06 OBSERVADO

Índice Integrado de Seca - 3 meses (IIS3: SPI3, US3 VH13)
 Maio 2025



Fonte: Cemaden/MCTI

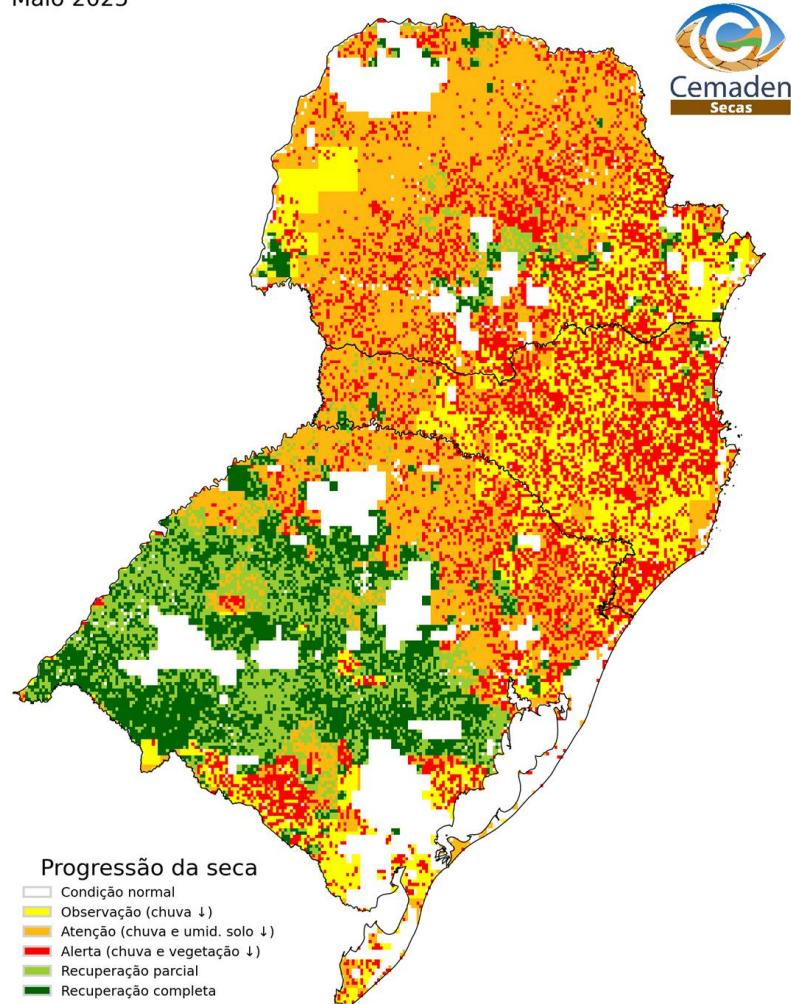
Índice Integrado de Seca - 6 meses (IIS6: SPI6, US3, VH13)
 Maio 2025



Fonte: Cemaden/MCTI

PROPAGAÇÃO INCREMENTAL DAS CONDIÇÕES DE SECA (PICS)

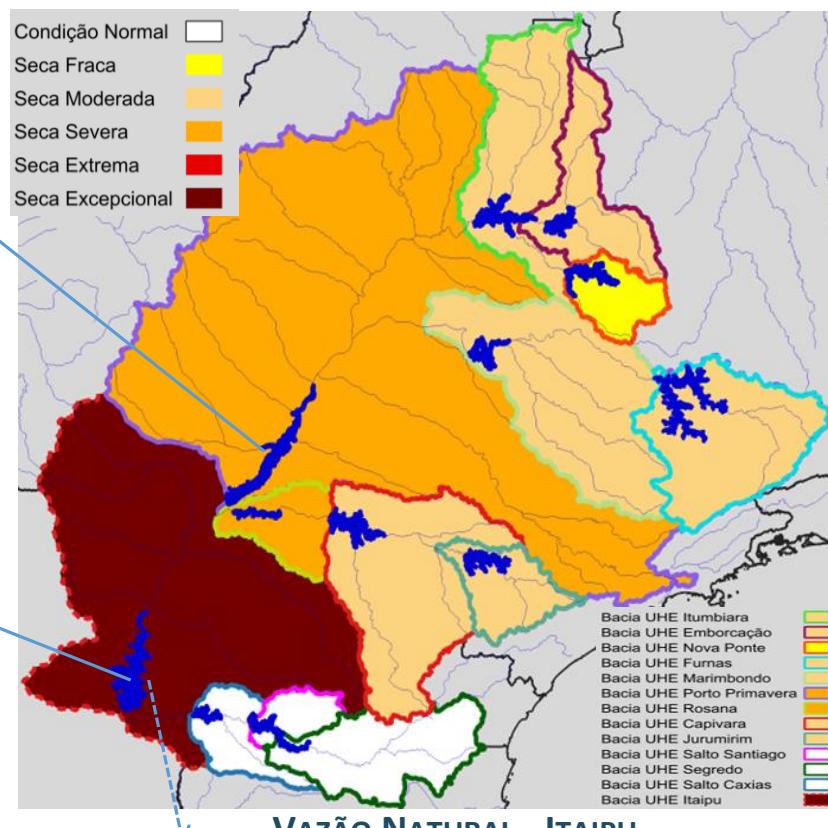
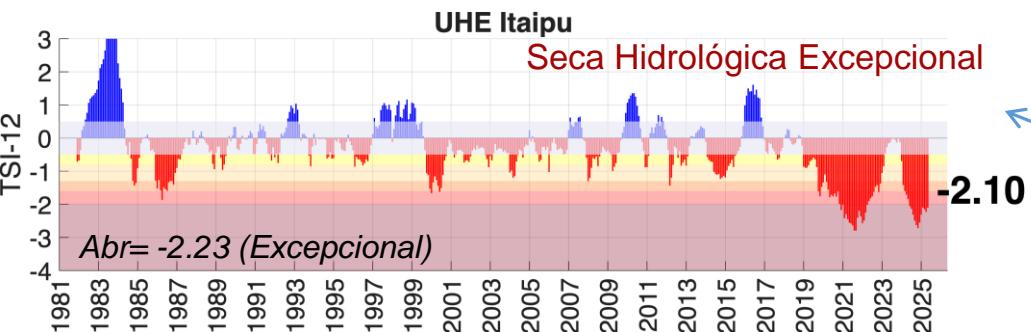
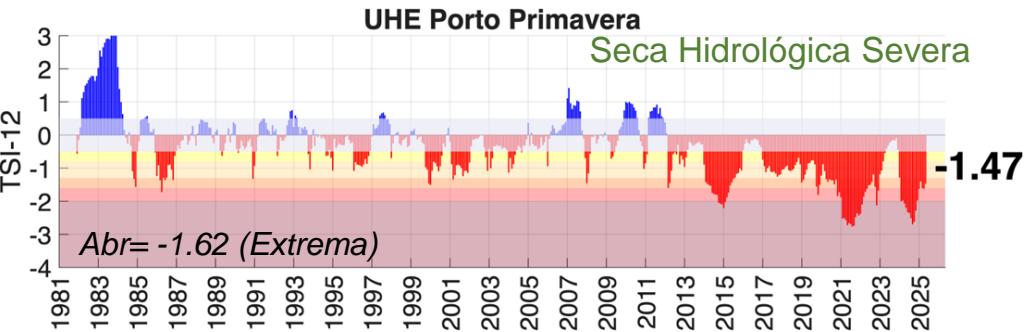
Propagação Incremental das Condições de Seca (PICS)
Maio 2025



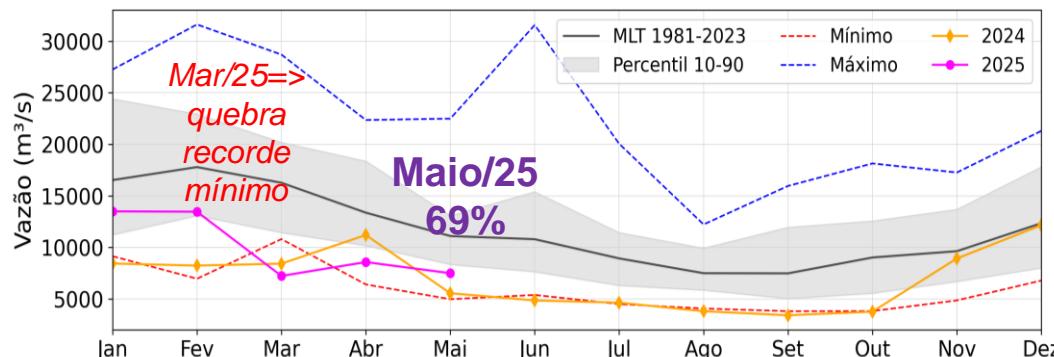
BACIA DO RIO PARANÁ

Maio/2025

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



Série de dados = Jan/1981 - Maio/2025

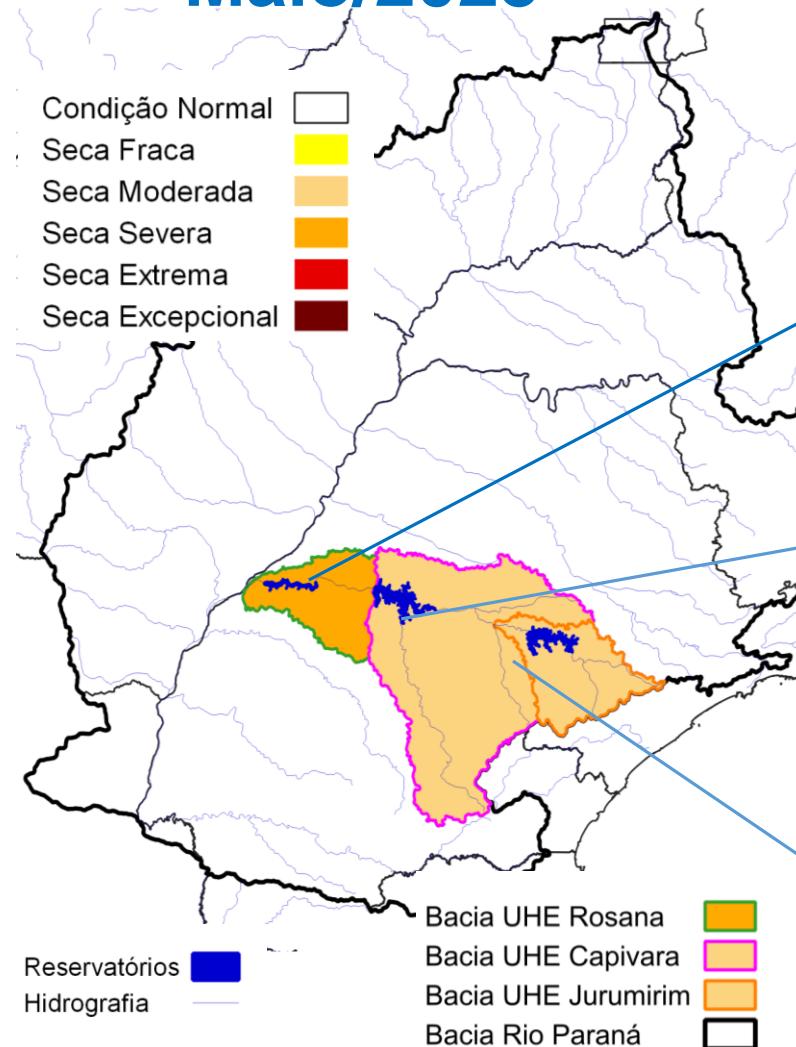


Fonte: CEMADEN/MCTI

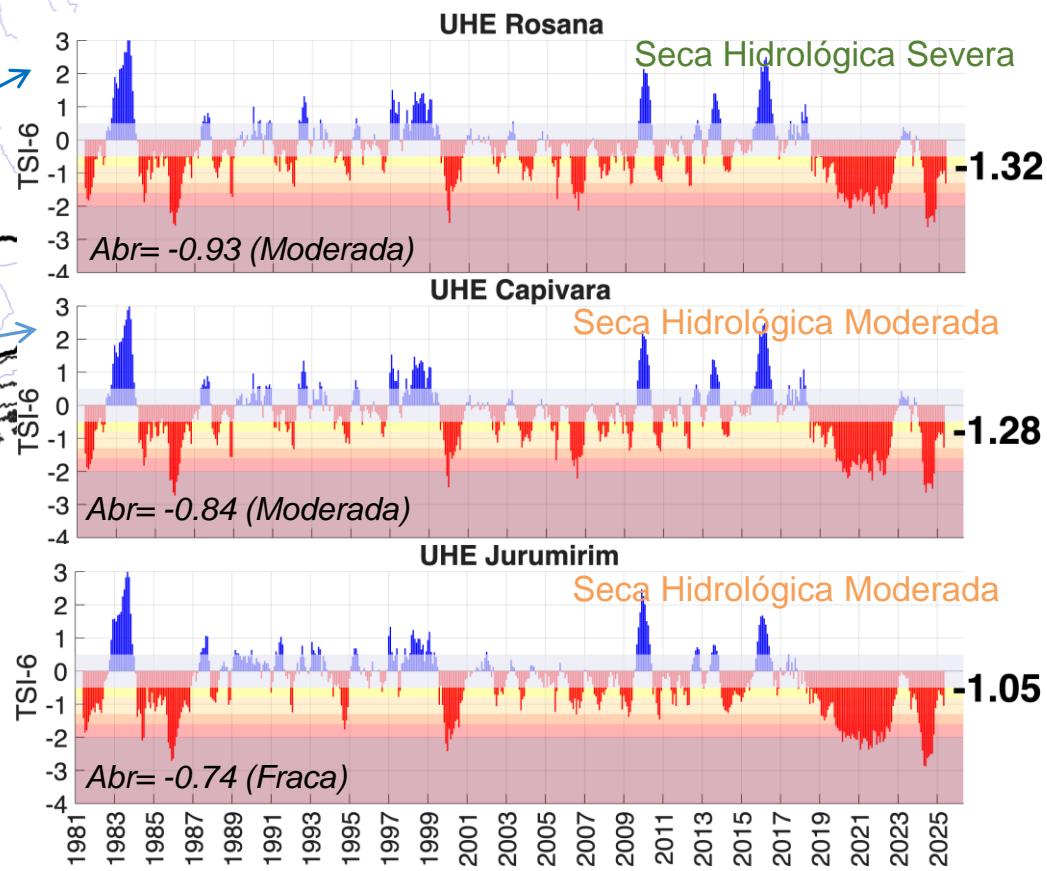
Dados: Precipitação (CHIRPS) e Vazão (ONS e ANA)

BACIA DO RIO PARANAPANEMA

Maio/2025



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



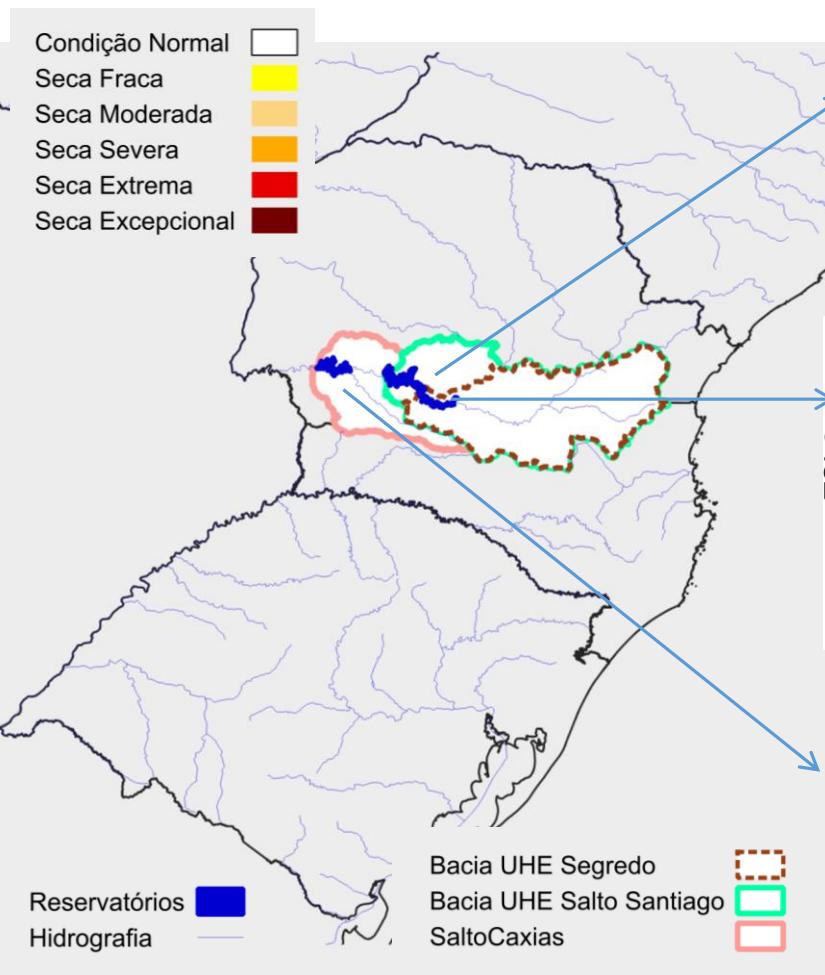
Fonte: CEMADEN/MCTI

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

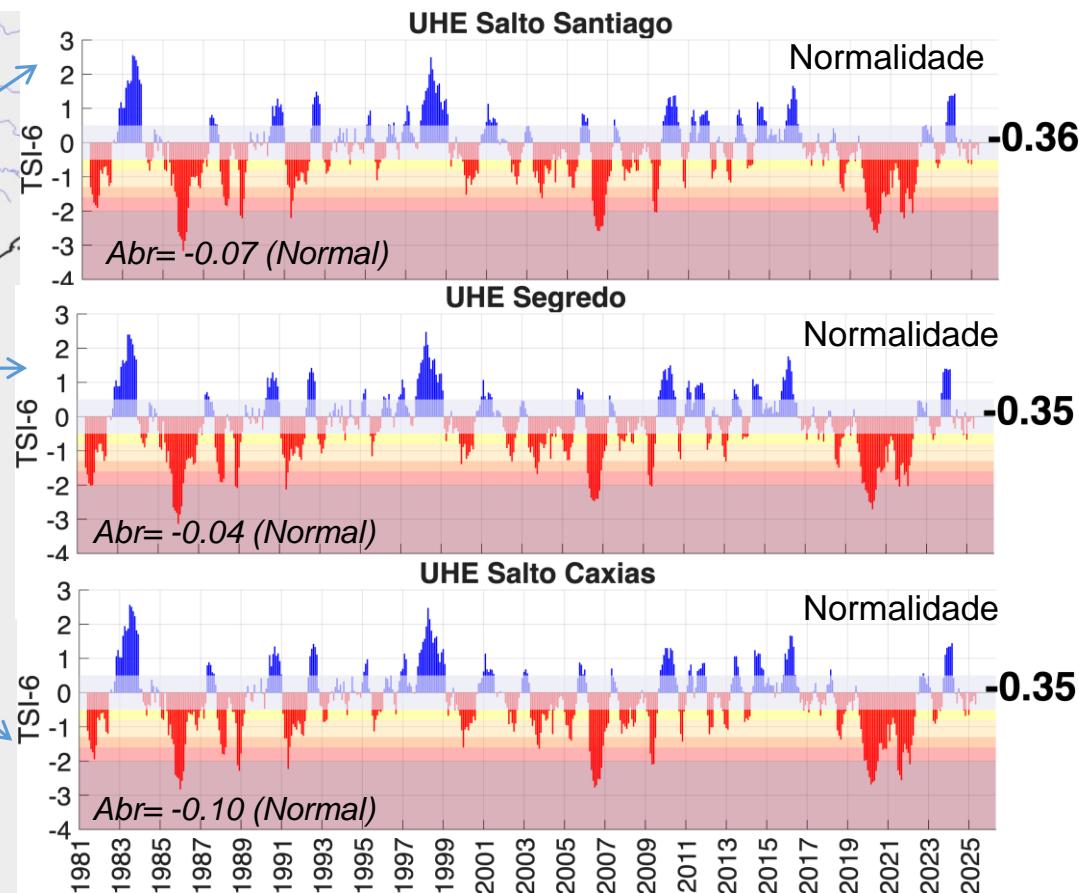
Série de dados = Jan/1981 - Maio/2025

BACIA DO RIO IGUAÇU

Maio/2025



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



Fonte: CEMADEN/MCTI

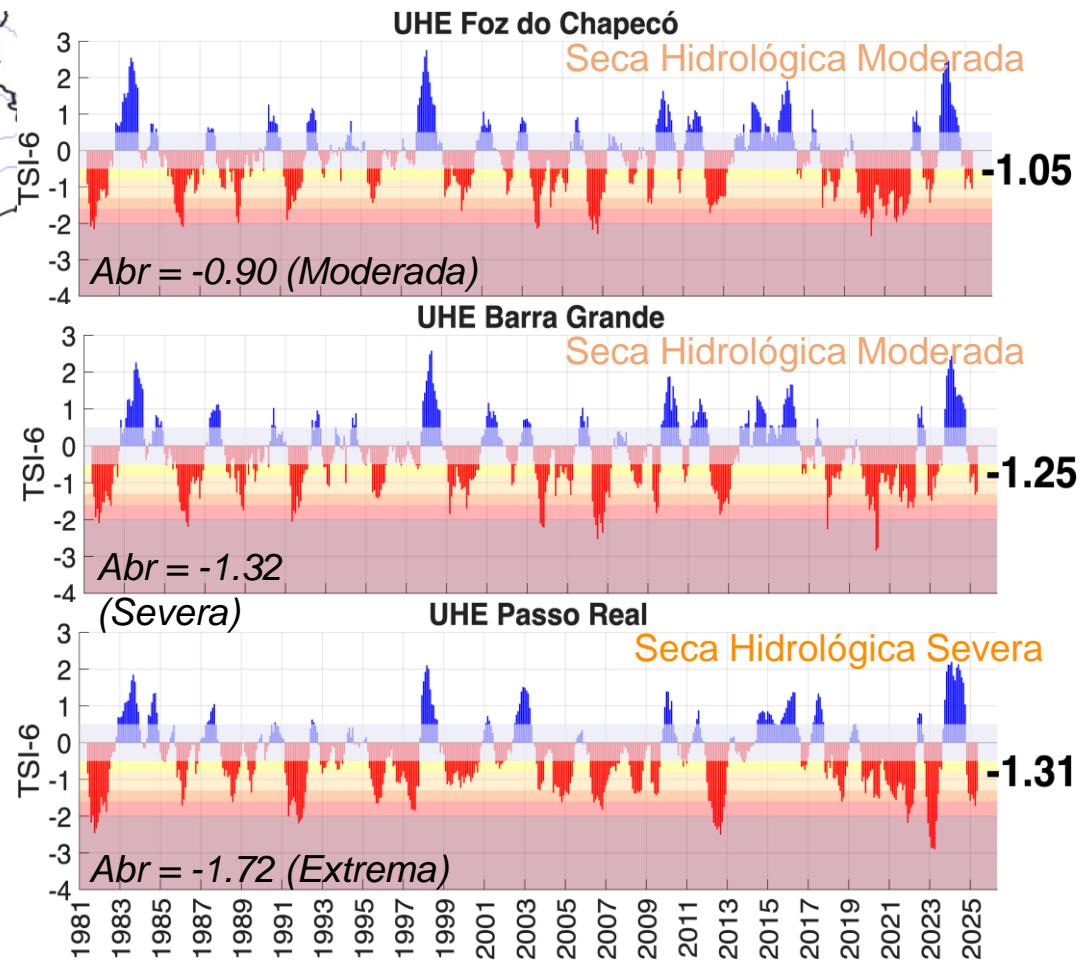
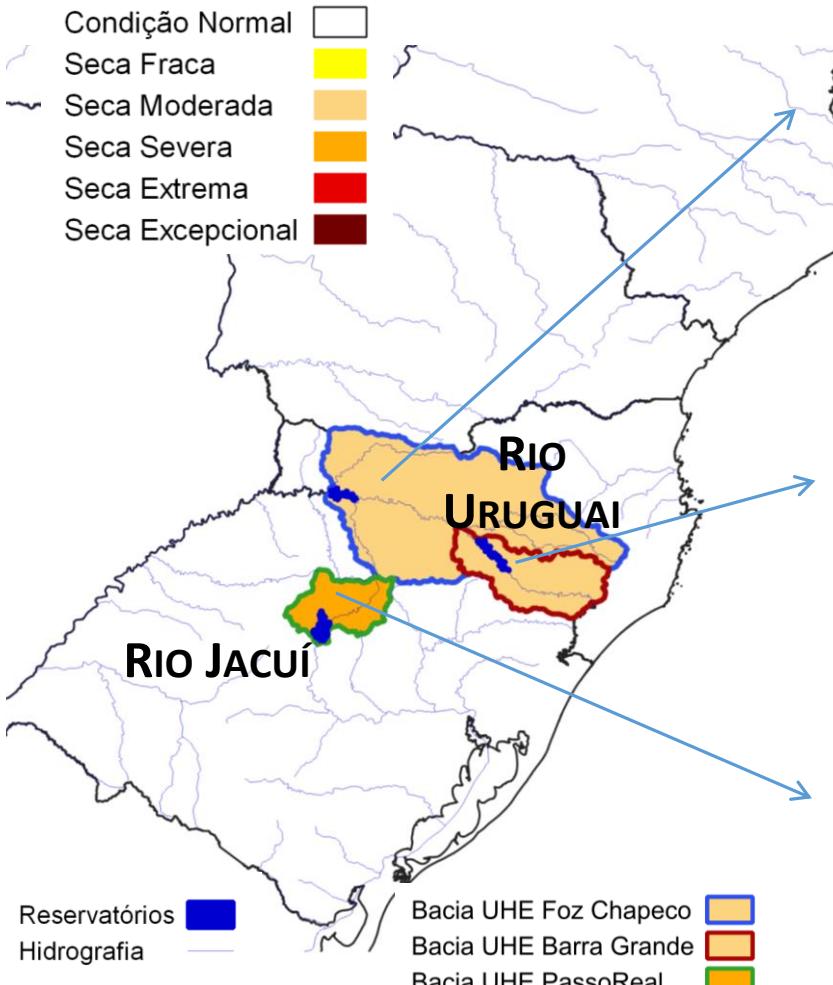
Dados: Precipitação (CHIRPS) e Vazão (ONS e ANA)

Série de dados = Jan/1981 - Maio/2025

BACIAS HIDROGRÁFICAS: ESTADOS SC-RS

Maio/2025

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

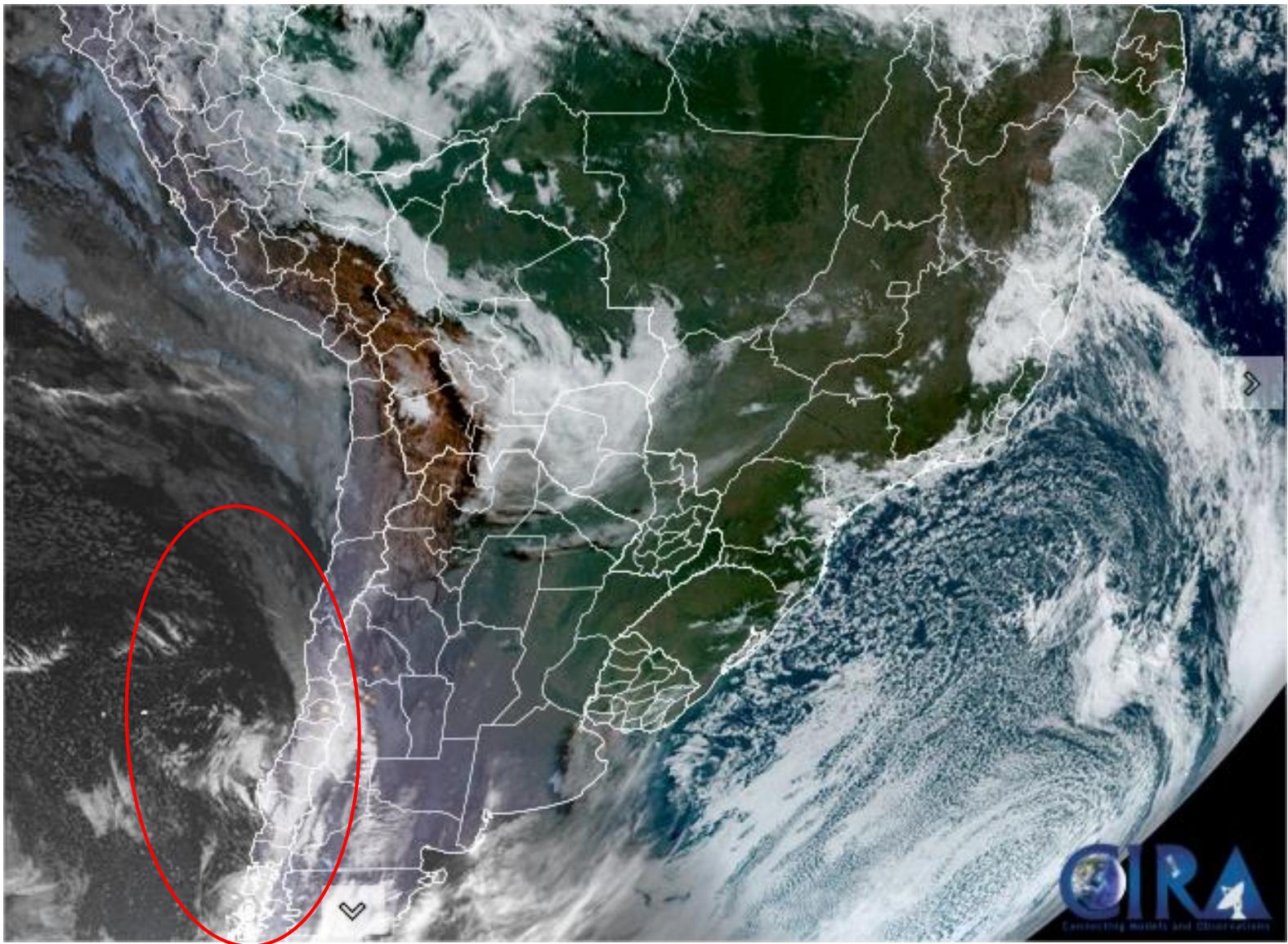


Fonte: CEMADEN/MCTI

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

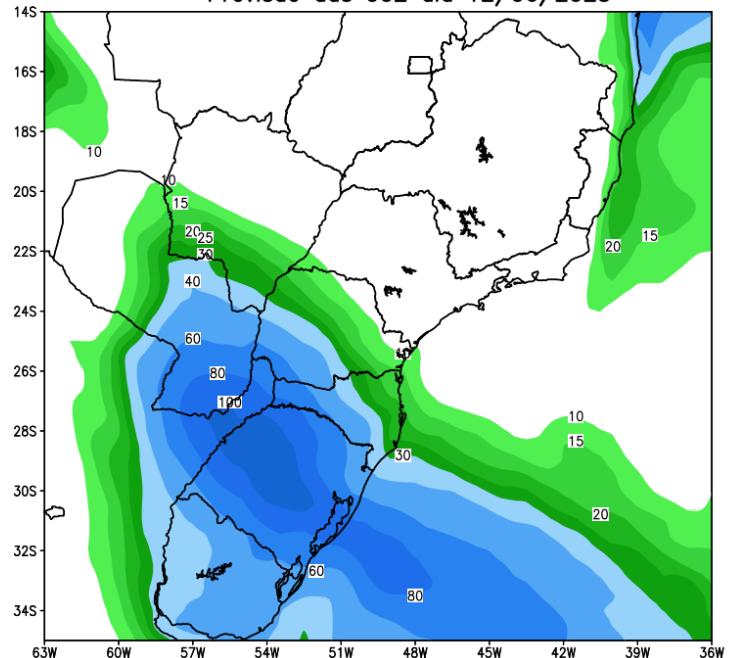
Série de dados = Jan/1981- Maio/2025

Situação meteorológica atual

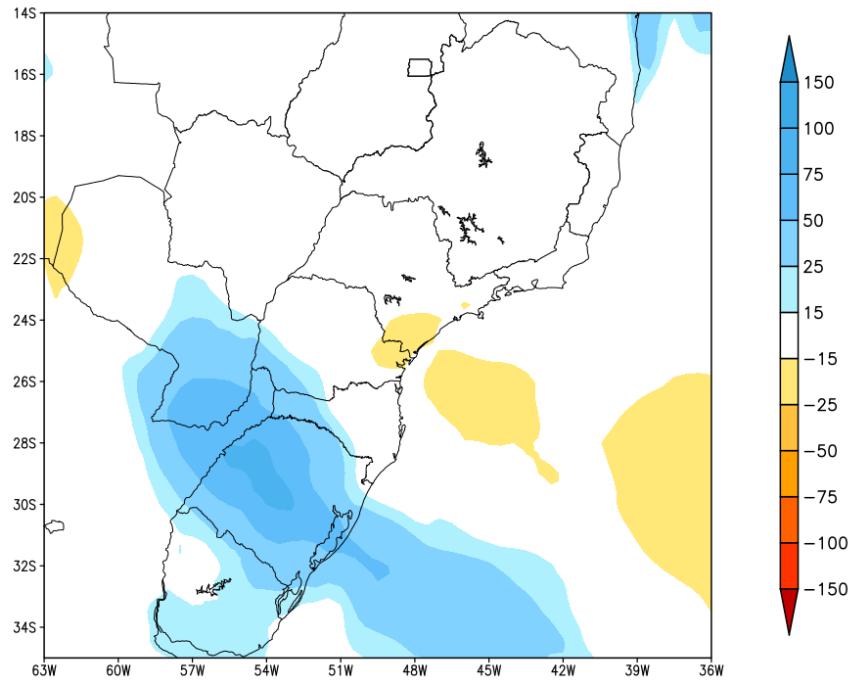


Previsão de chuva próximos 7 dias

GEFS / BRASIL_SUL
Precipitacao acumulada 1aSem (mm)
Previsao das 00Z dia 12/06/2025

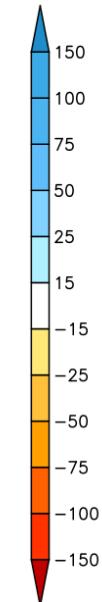
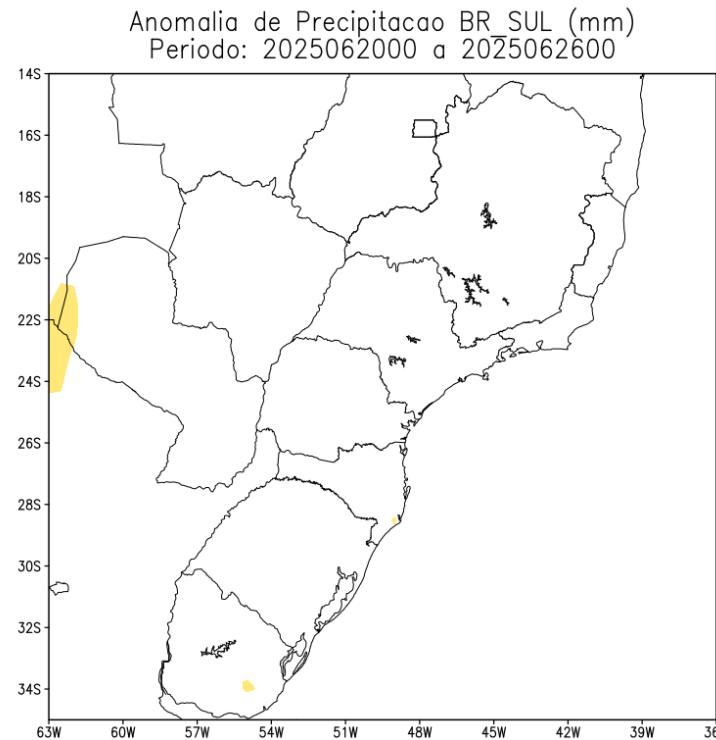
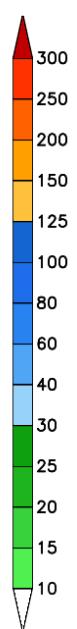
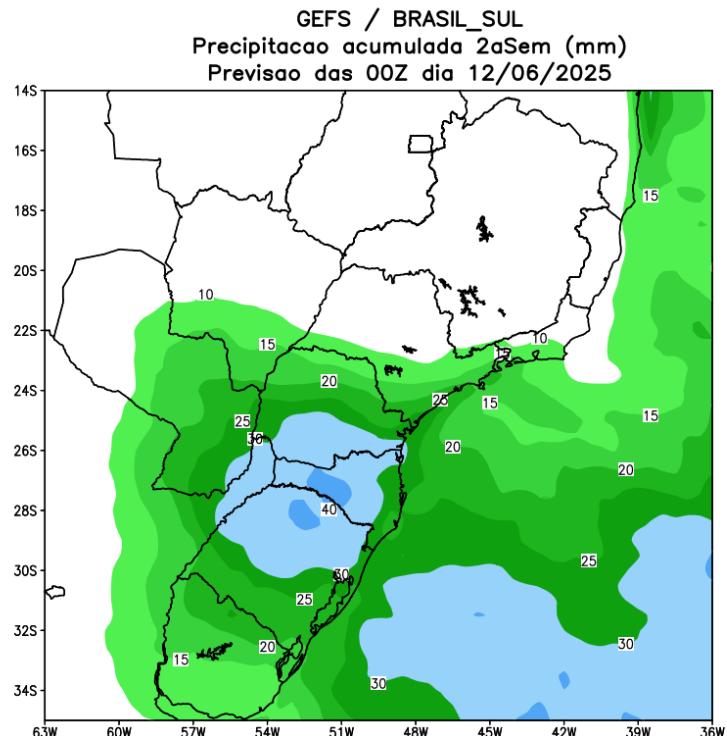


Anomalia de Precipitacao BR_SUL (mm)
Periodo: 2025061200 a 2025061900



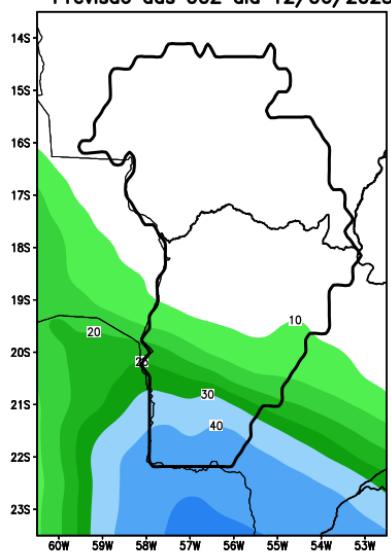
MODELO GEFS

Tendência para a segunda semana

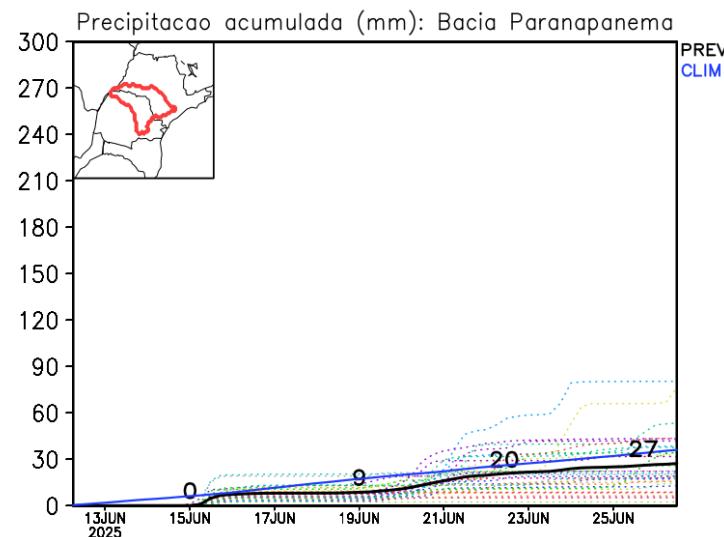
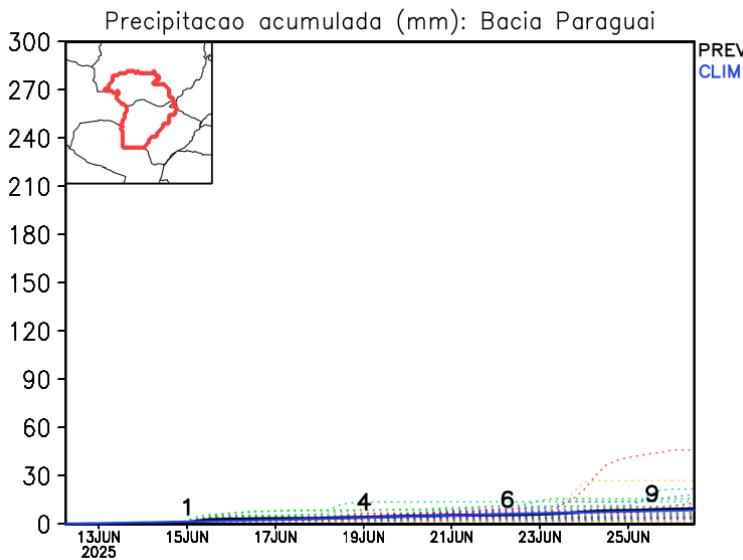
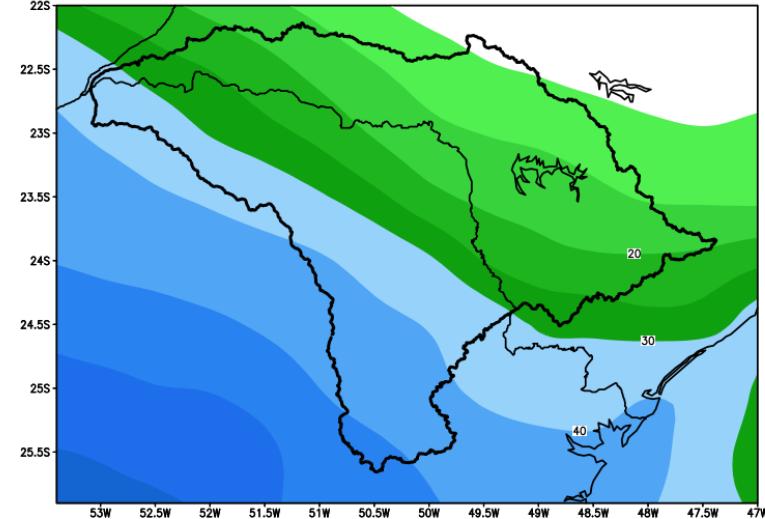


Previsão para as principais bacias

GEFS / Bacia do Rio Paraguai
Precipitação acumulada em 15 dias (mm)
Previsão das 00Z dia 12/06/2025

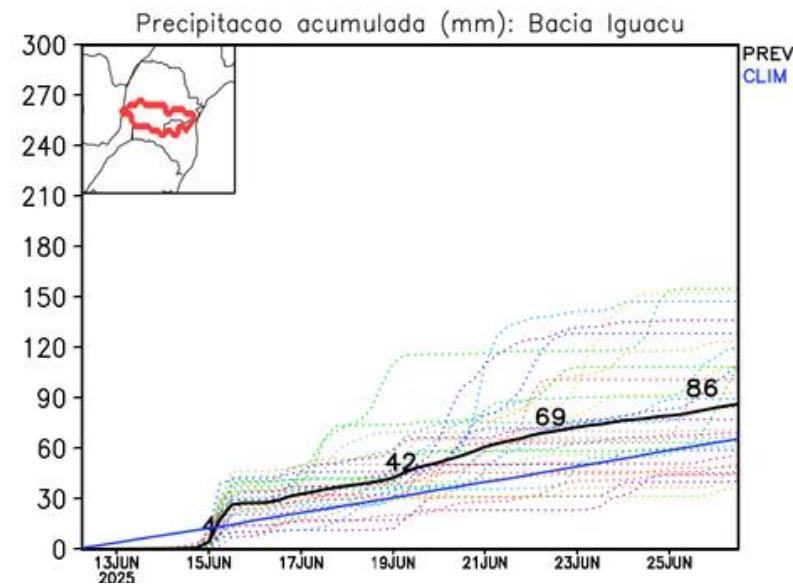
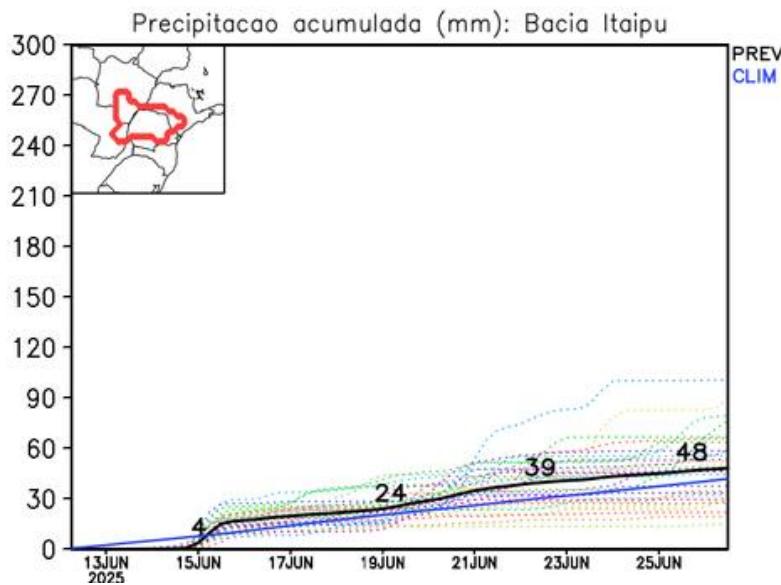
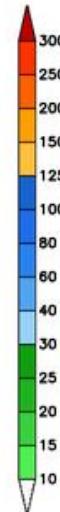
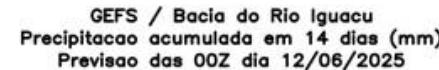
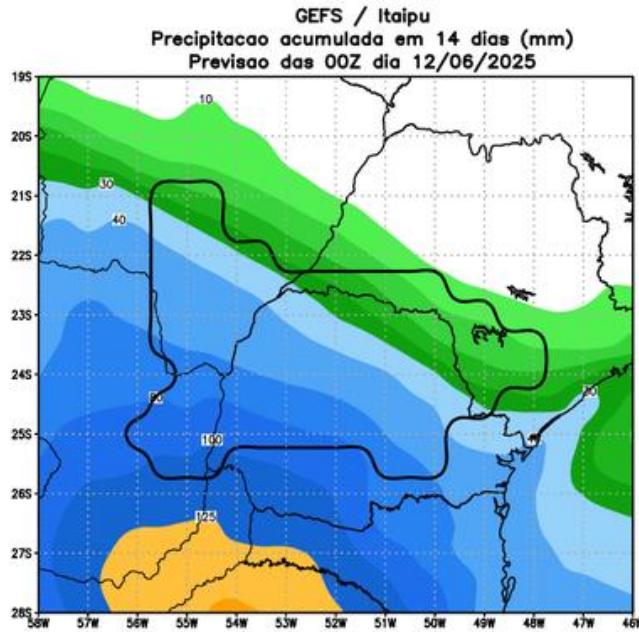


GEFS / Bacia do Rio Paranapanema
Precipitação acumulada em 14 dias (mm)
Previsão das 00Z dia 12/06/2025

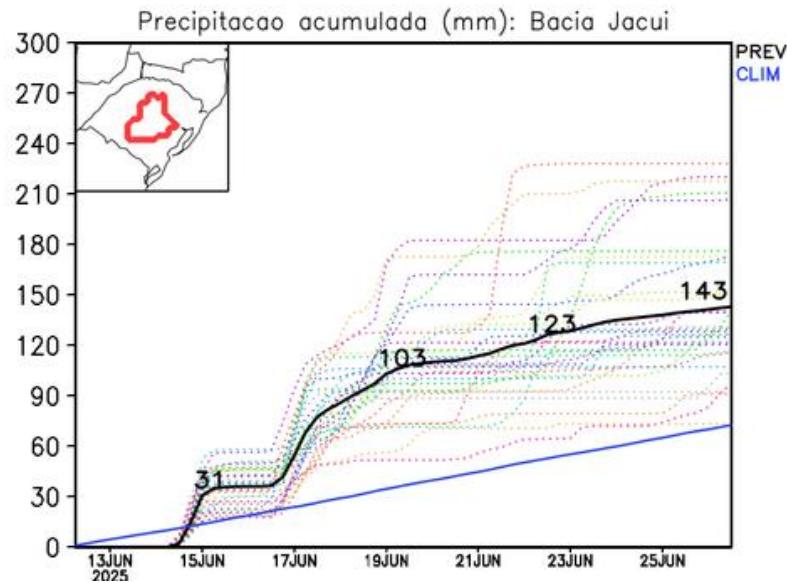
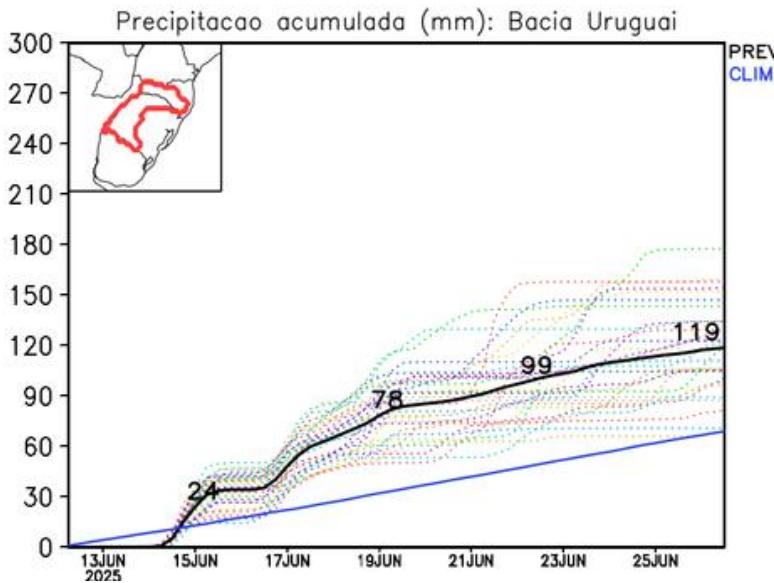
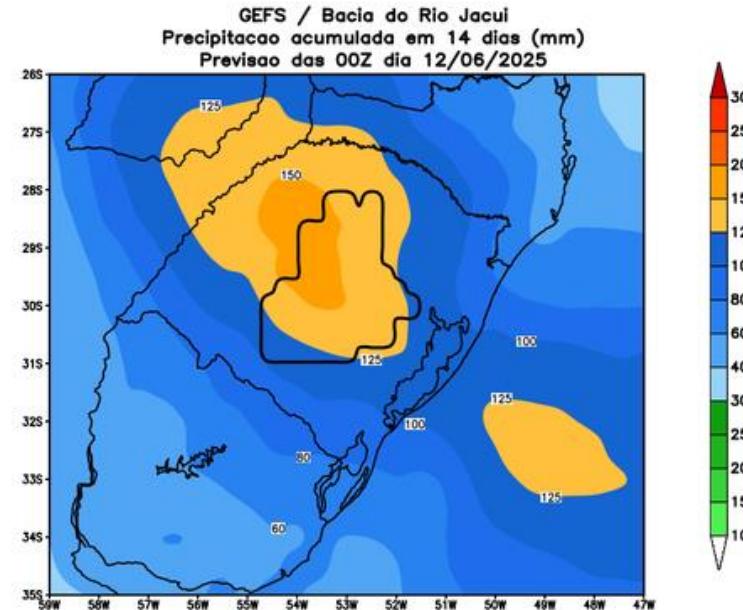
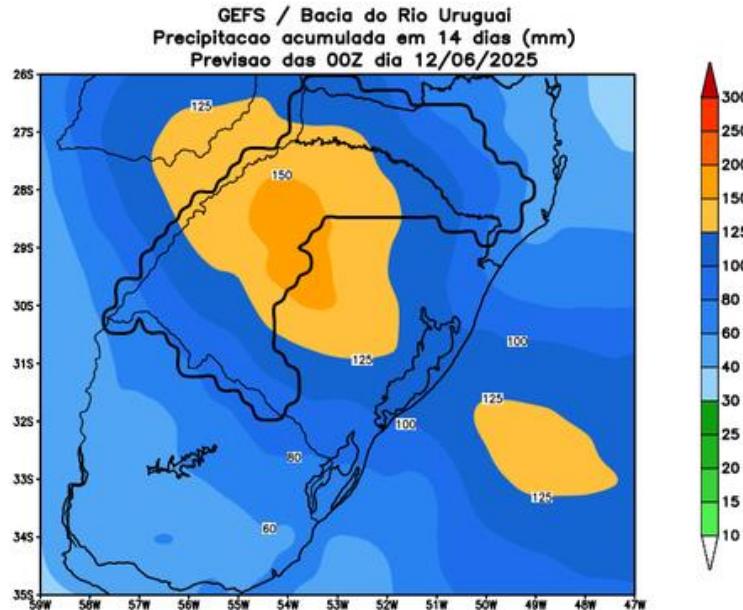


MODELO GEFS

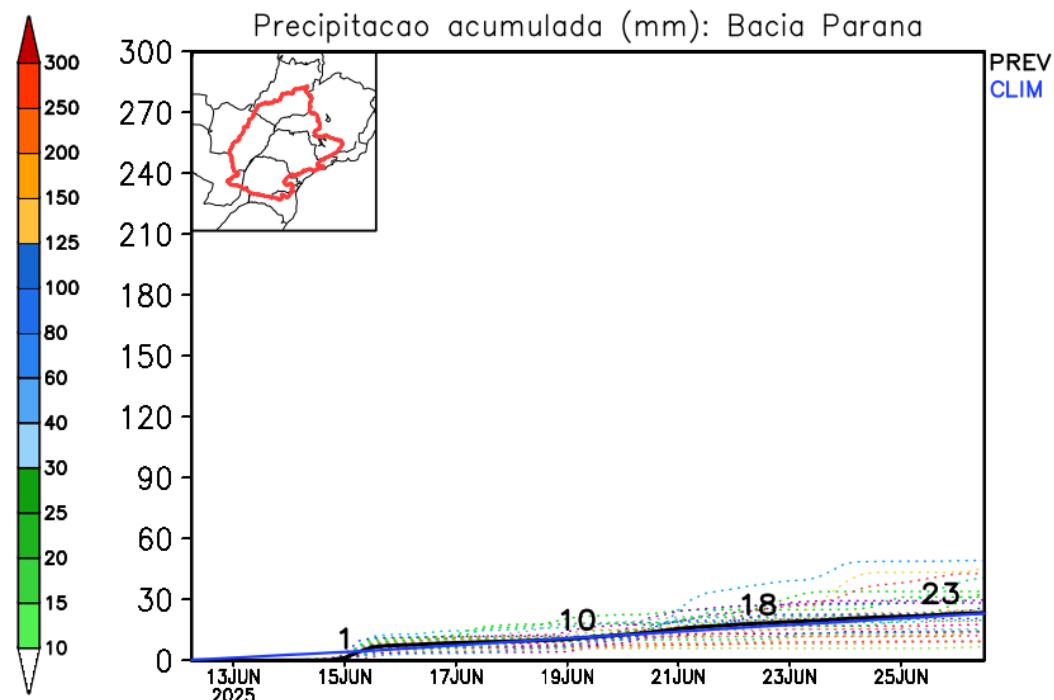
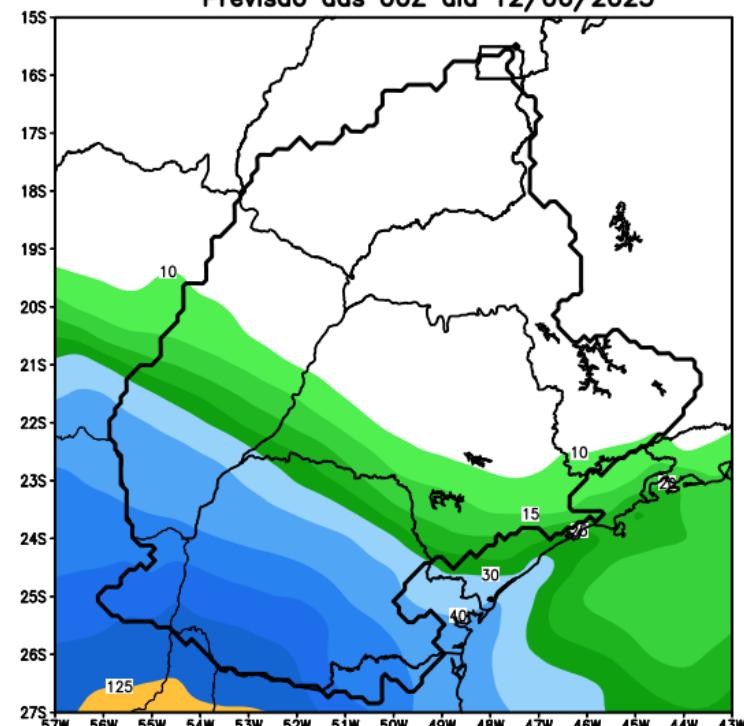
Previsão para as principais bacias



Previsão para as principais bacias



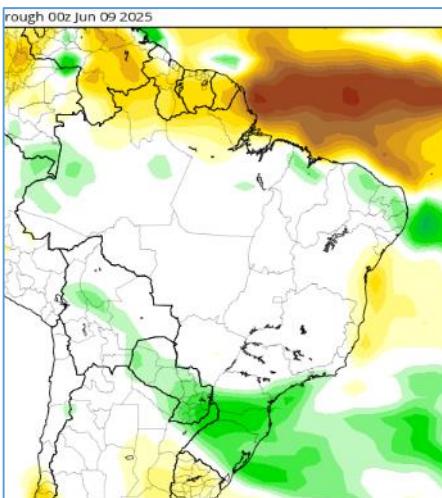
GEFS / Bacia do Paraná
Precipitação acumulada em 14 dias (mm)
Previsão das 00Z dia 12/06/2025



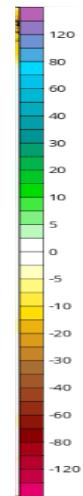
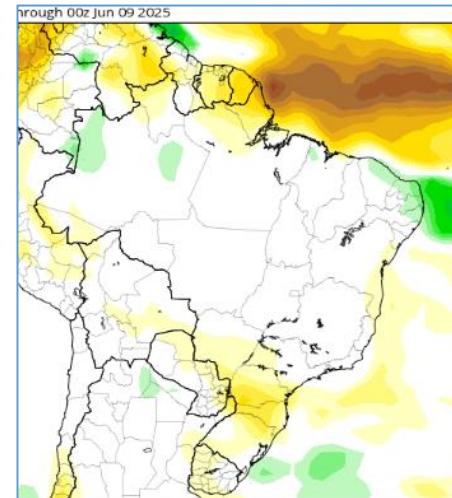
Anomalia de Chuva 3a e 4a semanas

Modelo
Americano
CFS/NOAA

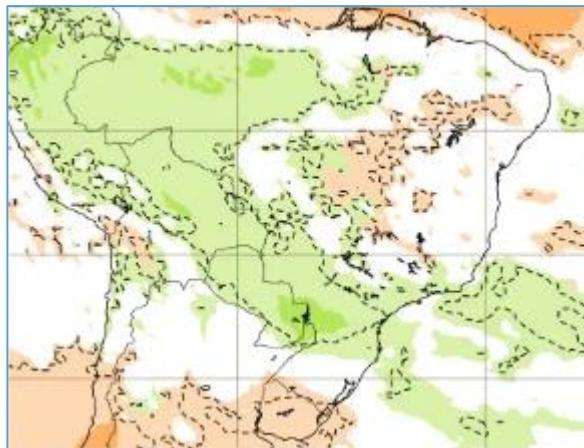
23-30Junho



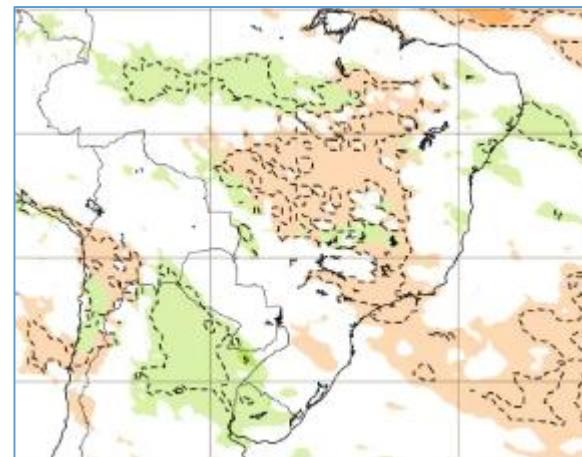
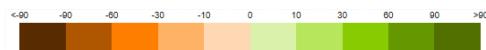
30 Junho – 07 Julho



Modelo Europeu
ECMWF



26 - 01 Junho

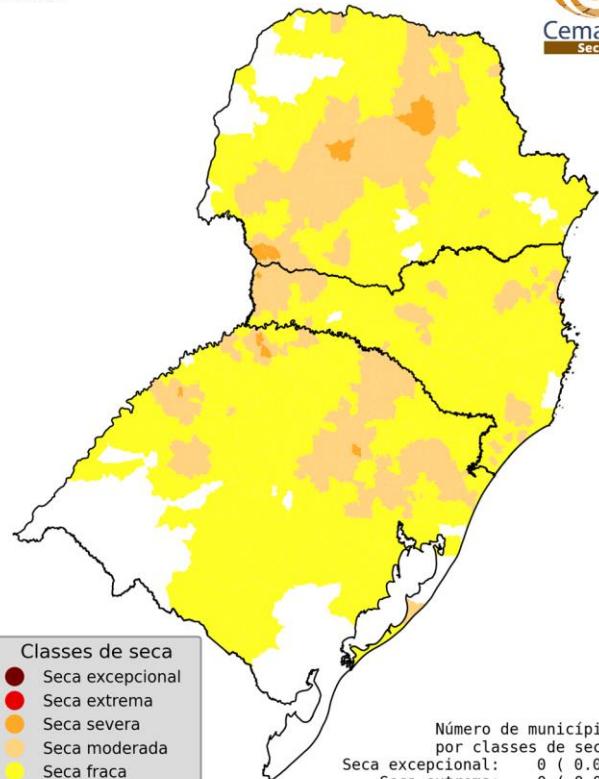


02-08 Junho

ÍNDICE INTEGRADO DE SECA (3 MESES)

**IIS-03
OBSERVADO
MAIO/25**

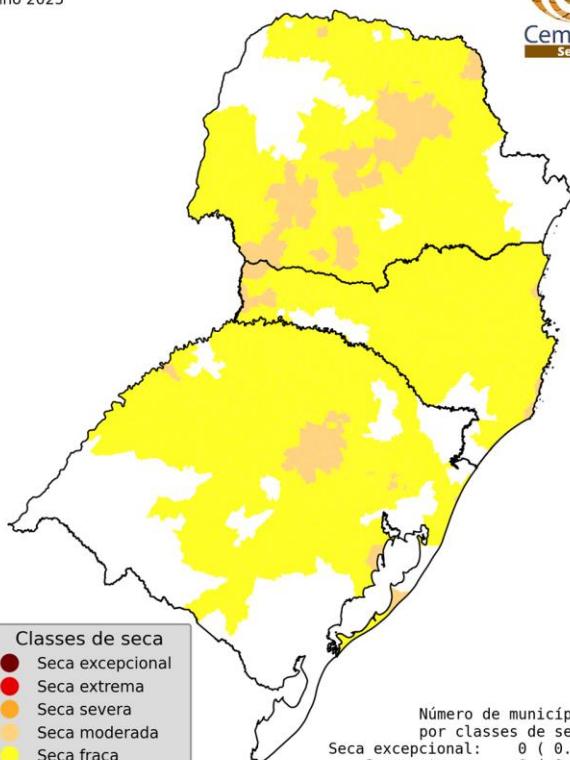
Índice Integrado de Seca - 3 meses (IIS3: SPI3, US3 VH13)
Maio 2025



Fonte: Cemaden/MCTI

**IIS-03
OBSERVADO
PREVISÃO 30 DIAS**

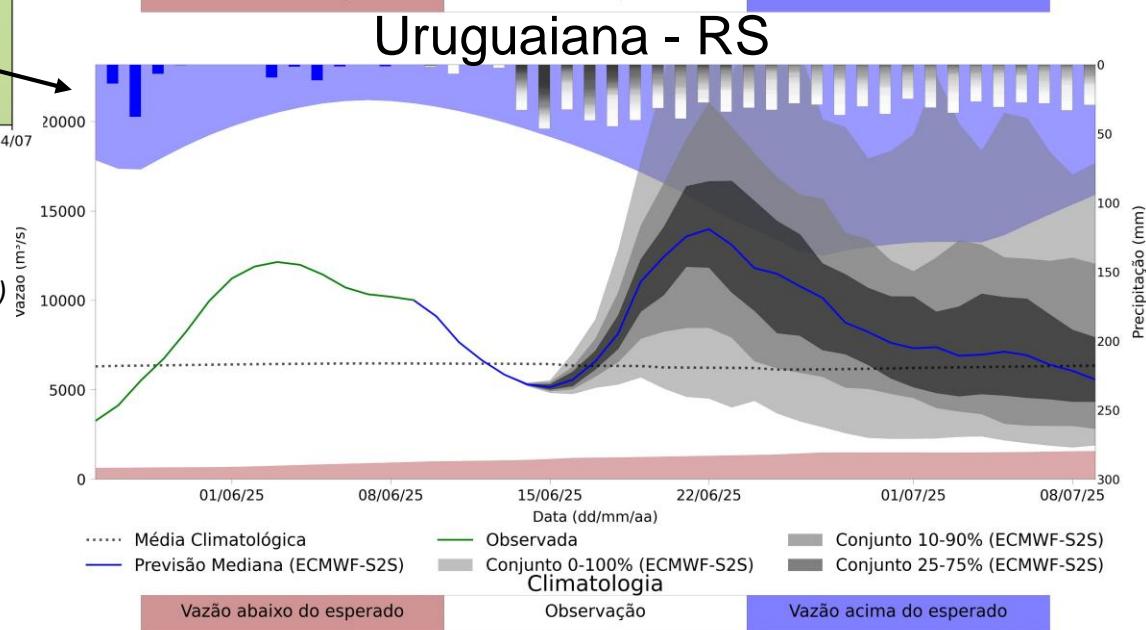
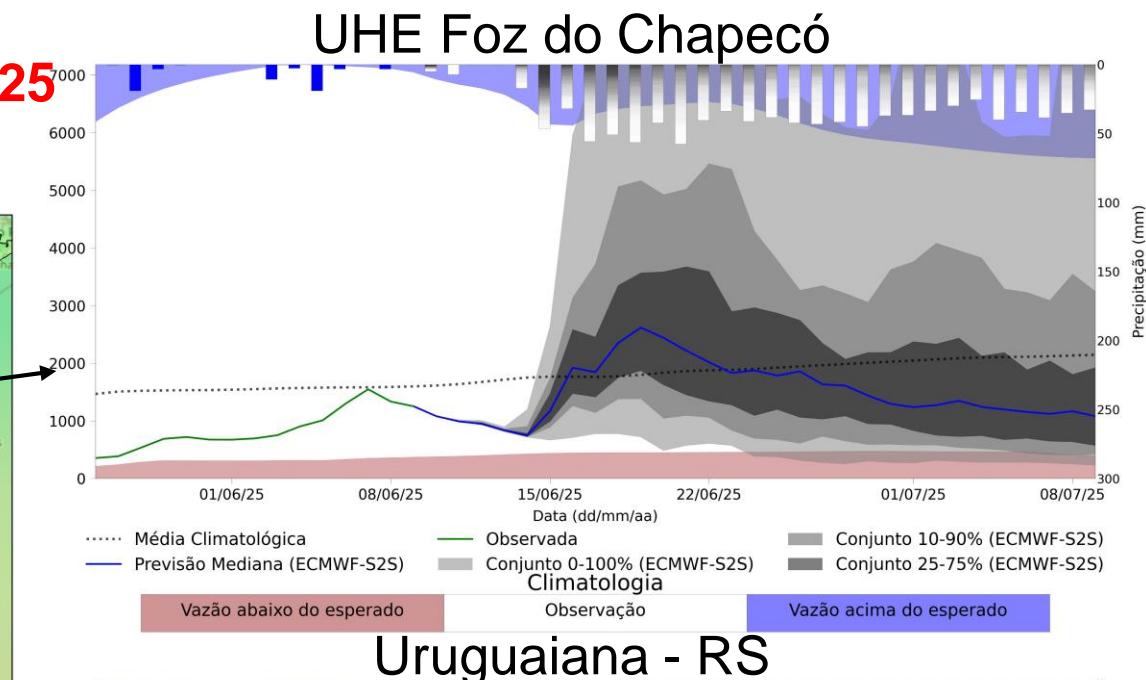
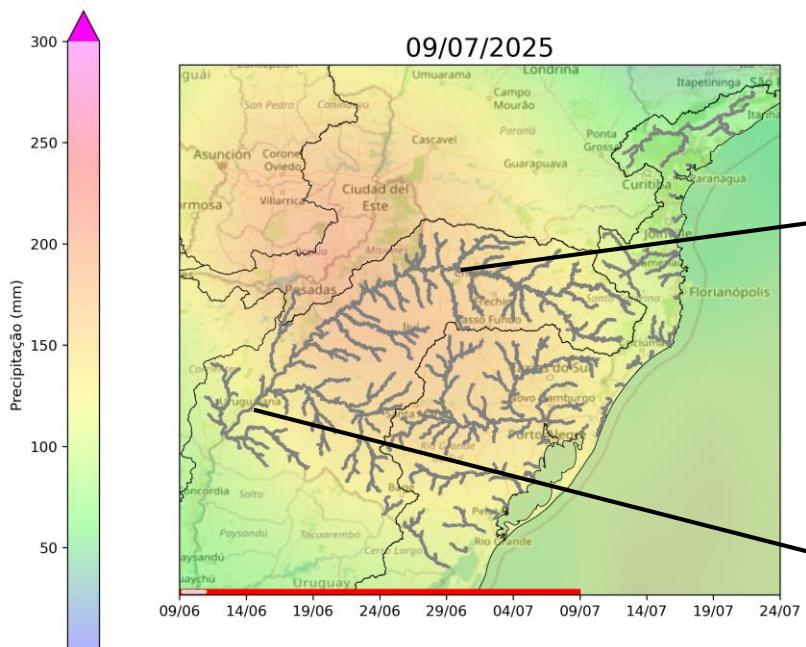
Índice Integrado de Seca - 3 meses, previsão (IIS3p: SPI3 previsão, US3, VH13)
Junho 2025



Fonte: Cemaden/MCTI

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

PREVISÃO: 09/06/25 a 09/07/25



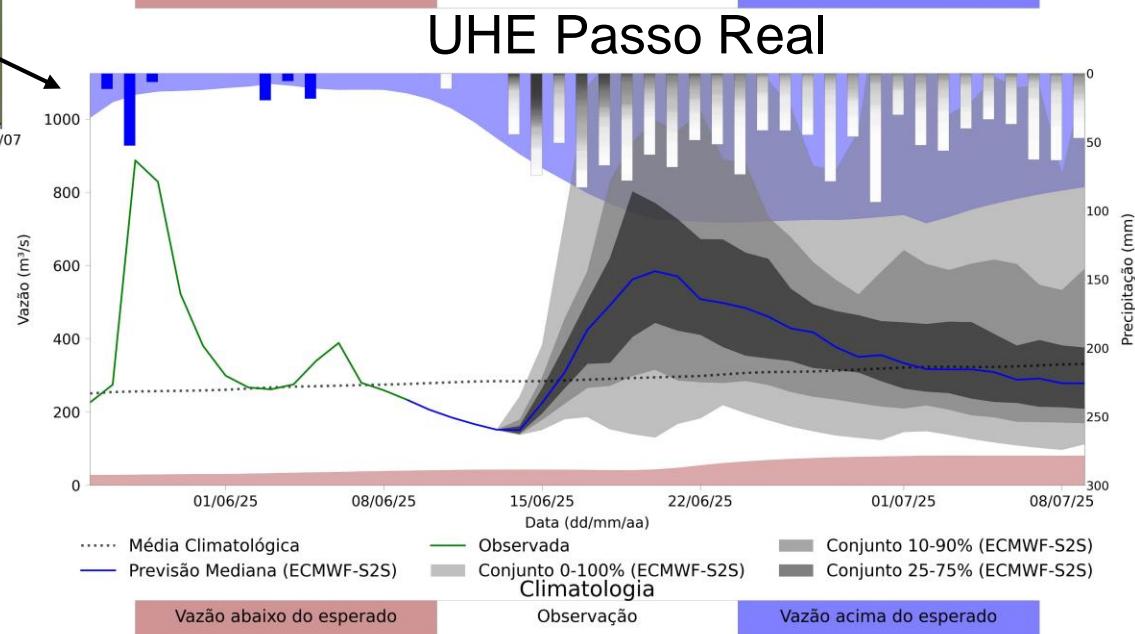
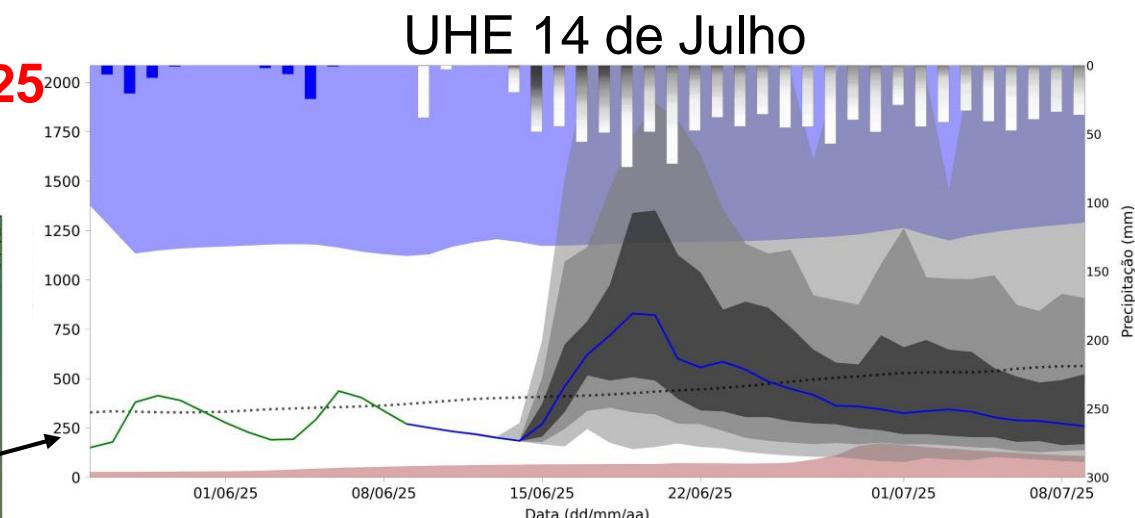
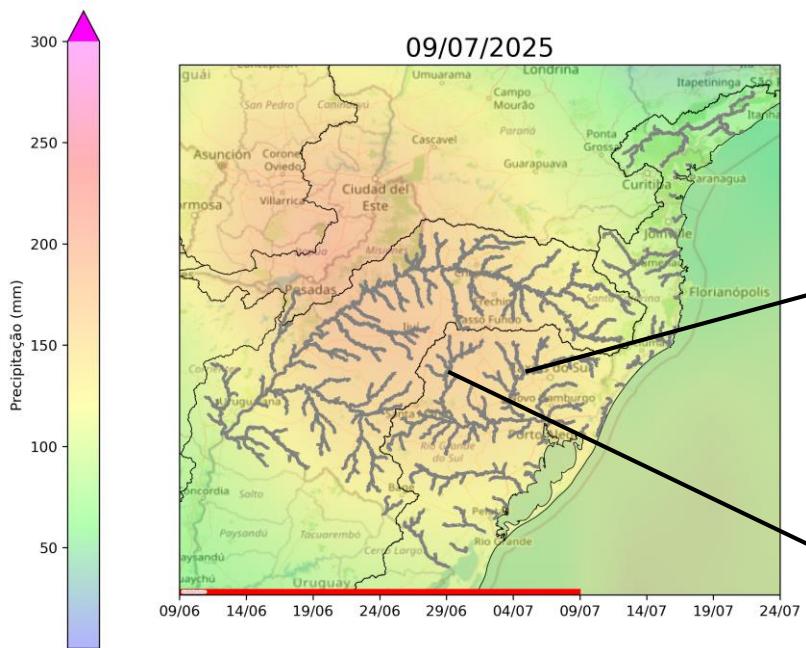
Fonte: Meteorologia (INMET/MERGE); Vazão (ANA/ONS)

MLT: 2003-2024

Previsão Meteorológica: ECMWF

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

PREVISÃO: 09/06/25 a 09/07/25

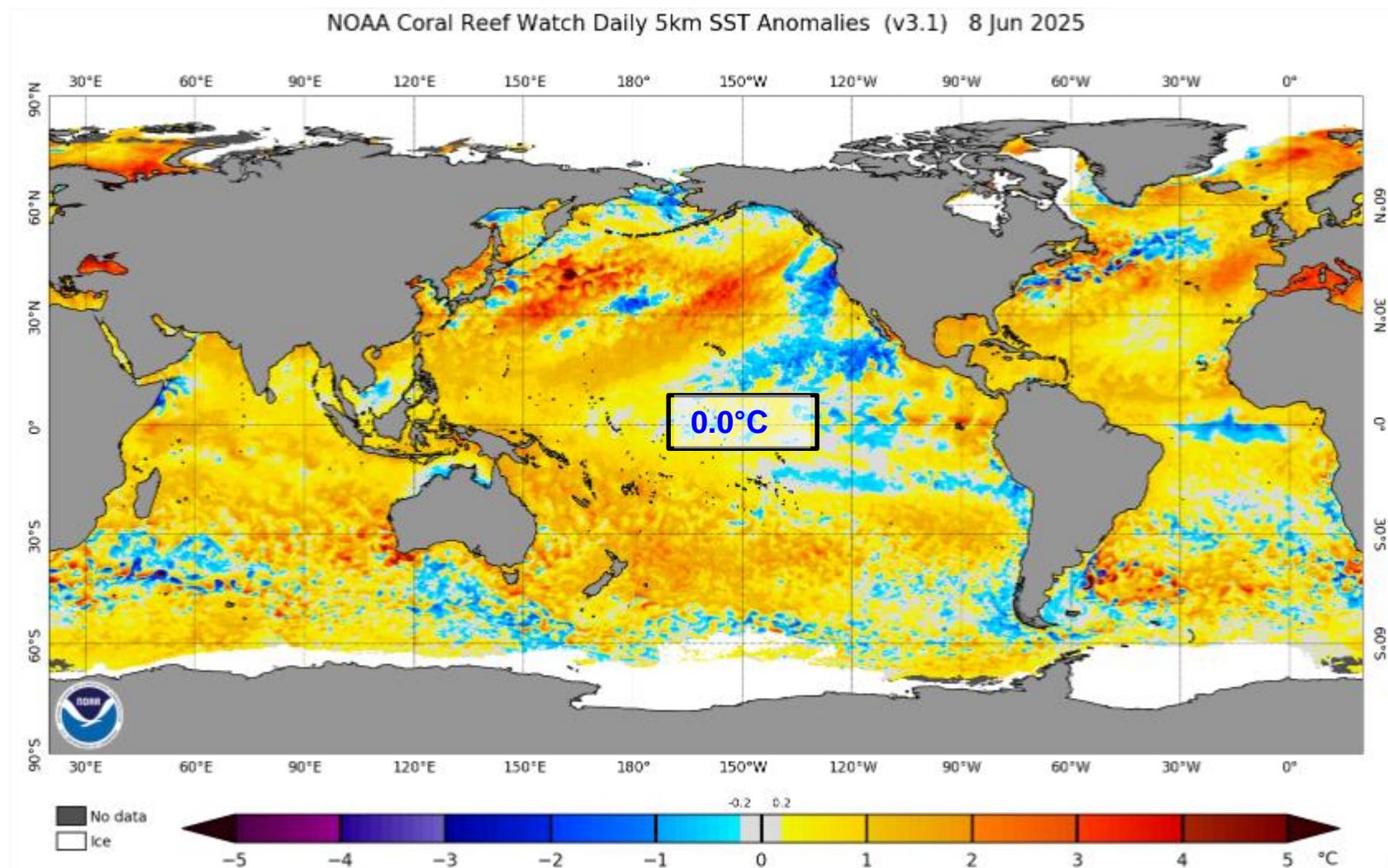


Fonte: Meteorologia (INMET/MERGE); Vazão (ANA/ONS)

MLT: 2003-2024

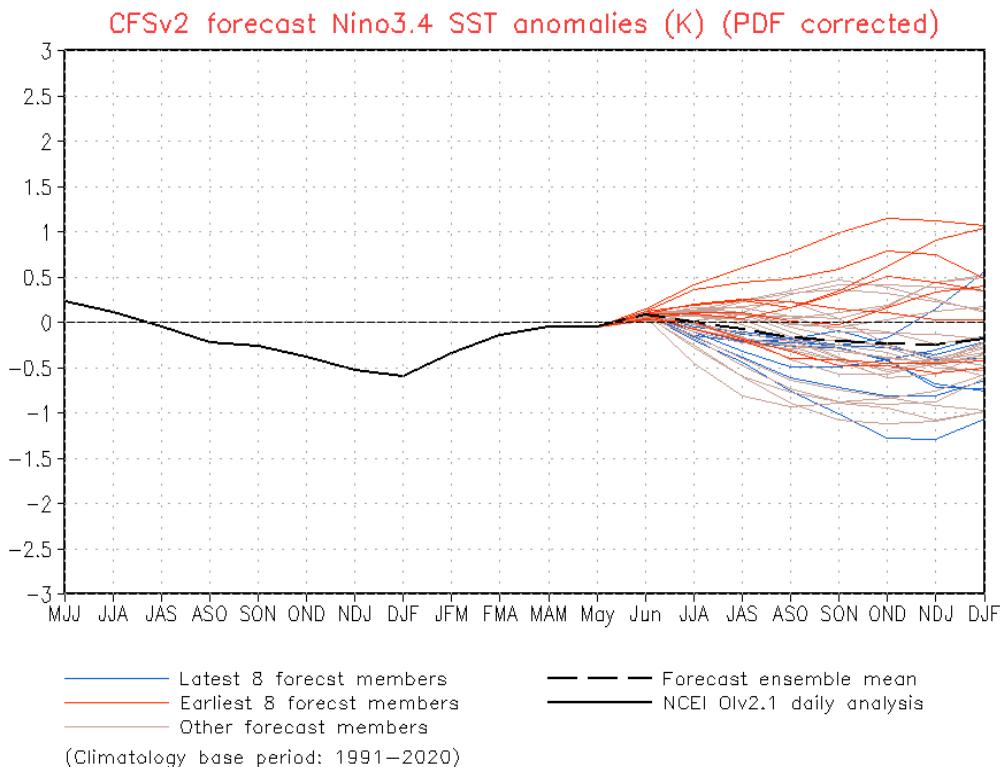
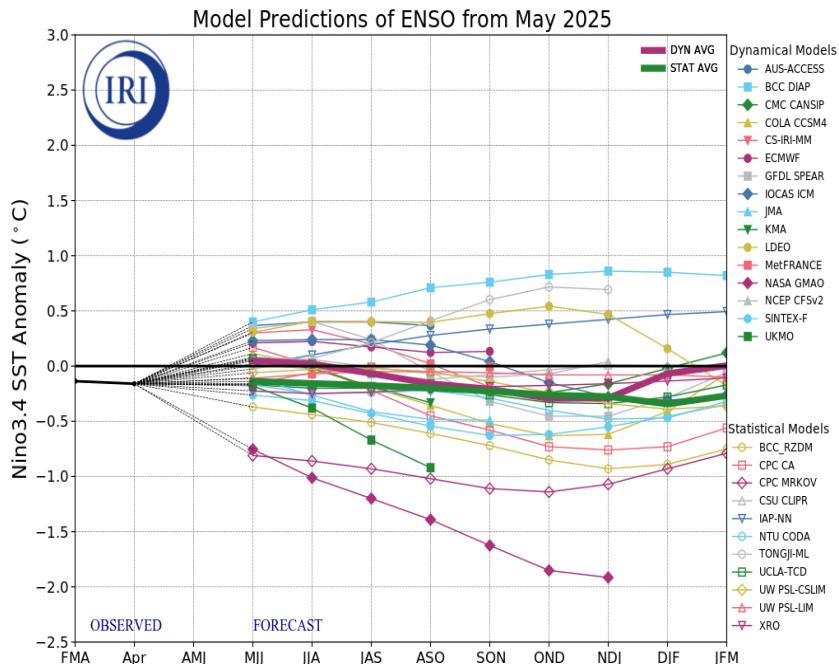
Previsão Meteorológica: ECMWF

Status Atual: Neutralidade



FONTE: NOAA

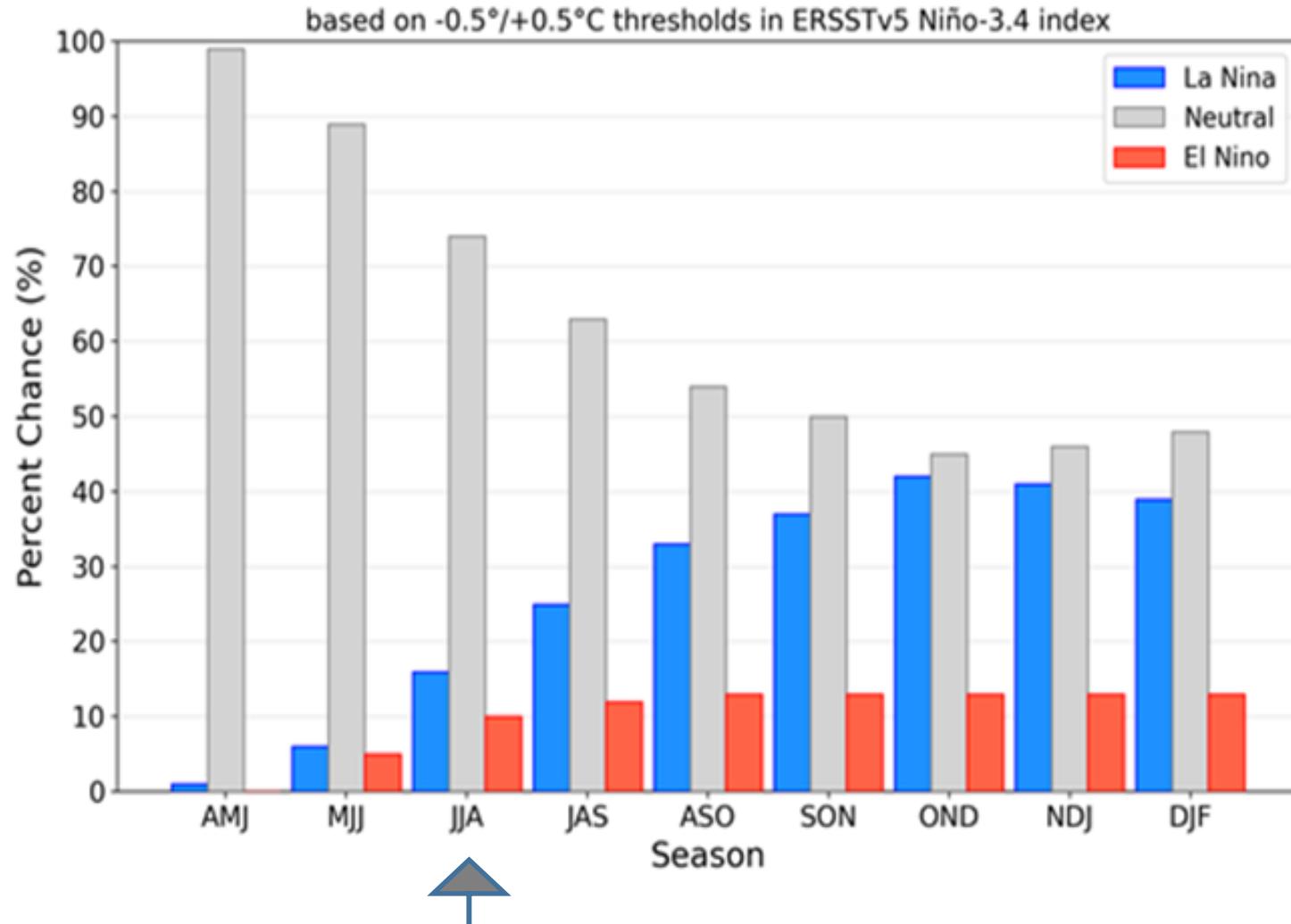
Previsão do “ENSO”



Atualizado em 09 de junho

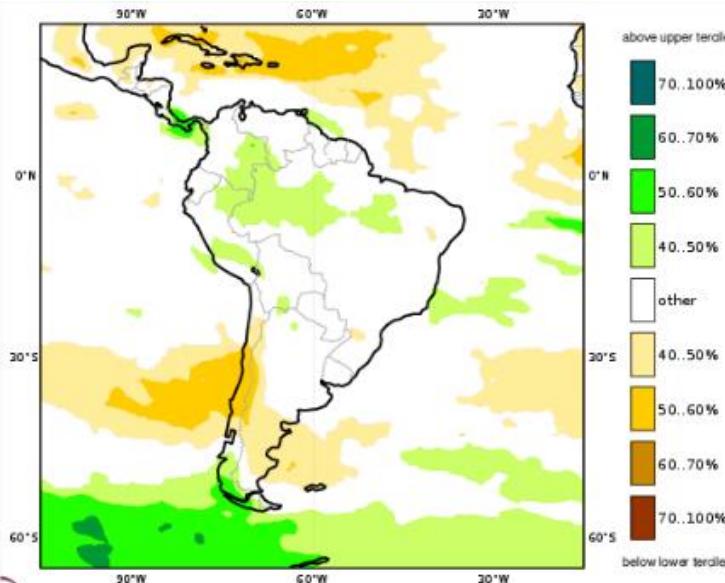
Previsão do “ENSO”

Official NOAA CPC ENSO Probabilities (issued May 2025)

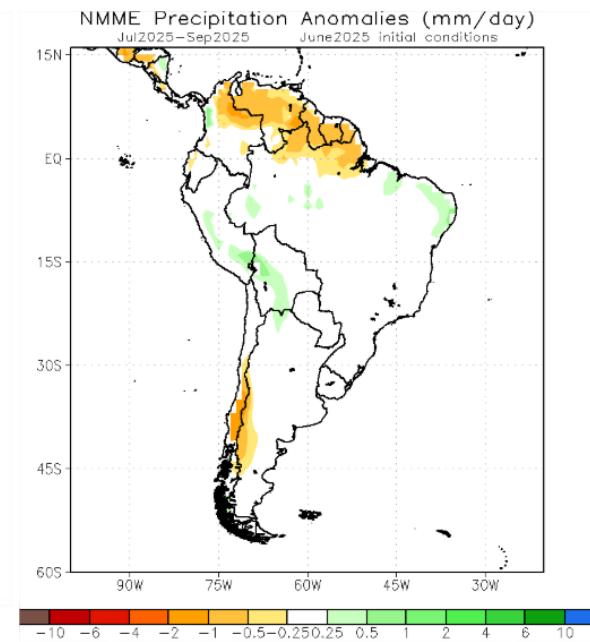


Previsão Sazonal de Chuva Multi-Modelo

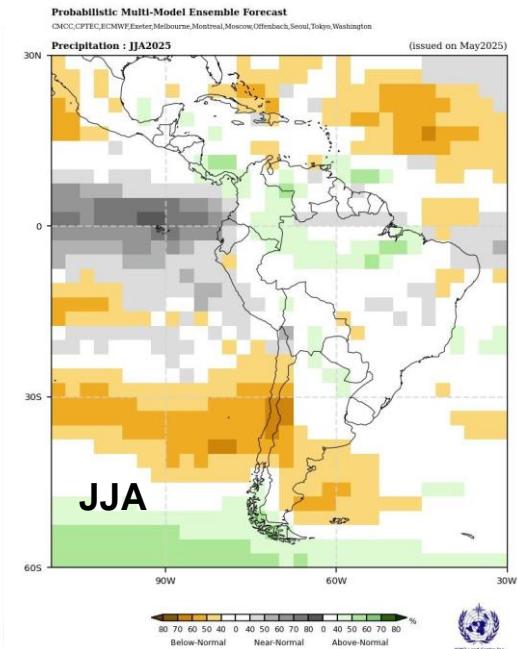
Julho-Agosto-Setembro



Modelos Europeus



Modelos Norte Americanos



Modelos da WMO