



CEMADEN

Centro Nacional de Monitoramento e
Alertas de Desastres Naturais

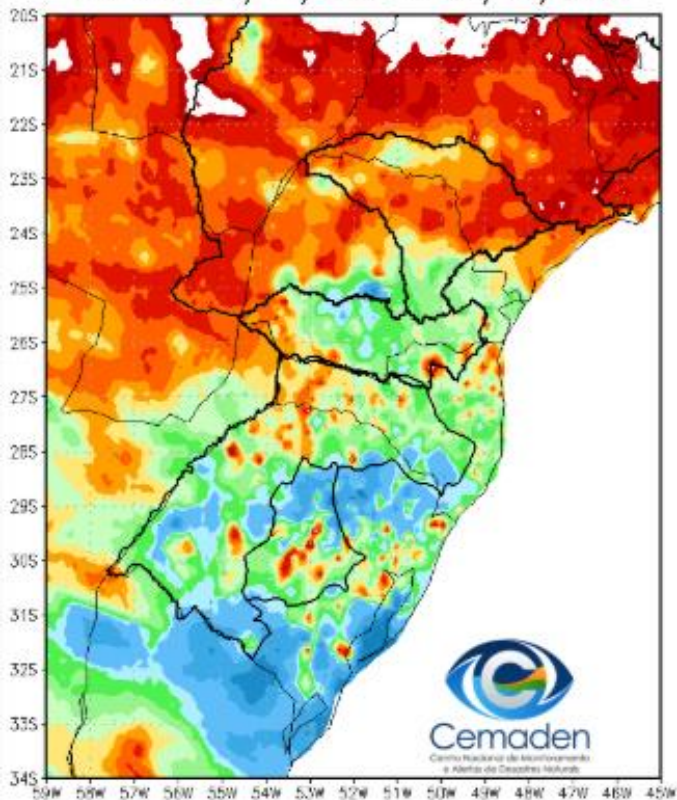
Monitoramento e Previsões da situação hidrometeorológica na Região Sul

Agosto de 2026

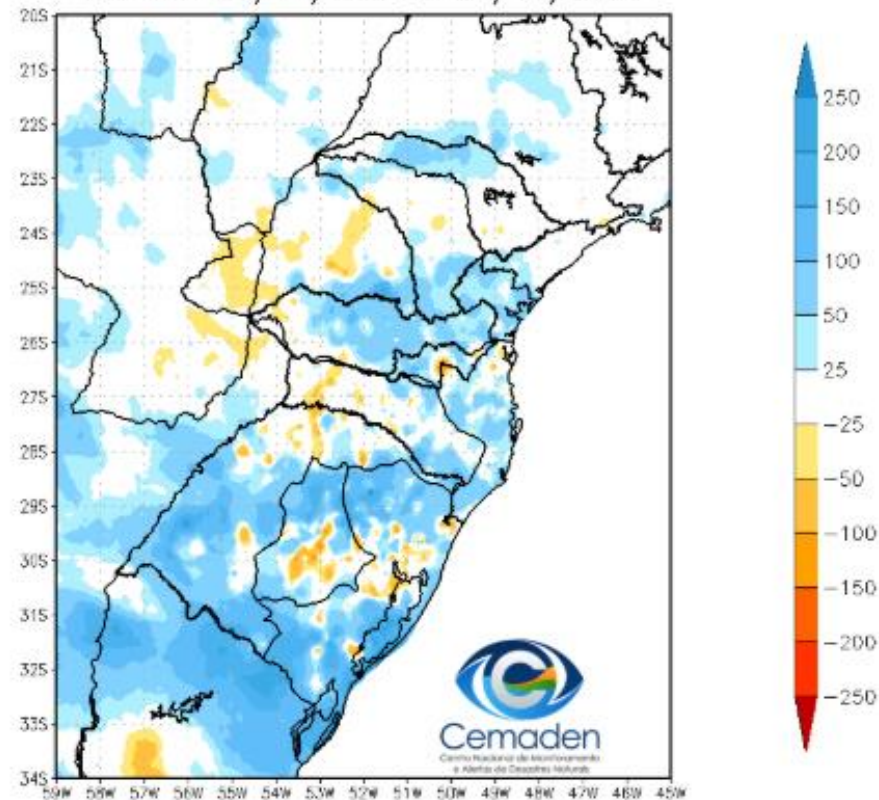


Precipitação nos últimos 30 dias

Precipitação Acumulada (mm) A.S.
Período: 25/07/2026 a 24/08/2026

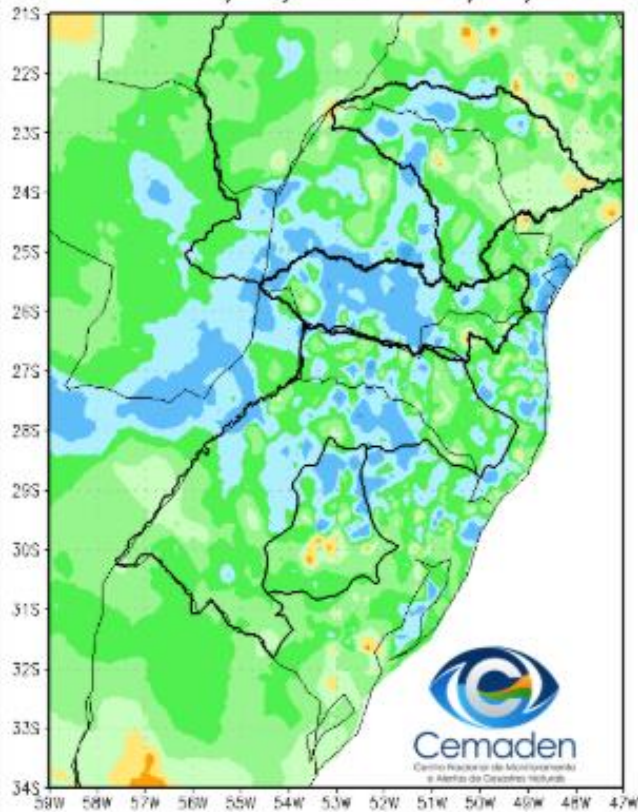


Anomalia de Precipitação (mm) A.S.
Período: 25/07/2026 a 24/08/2026

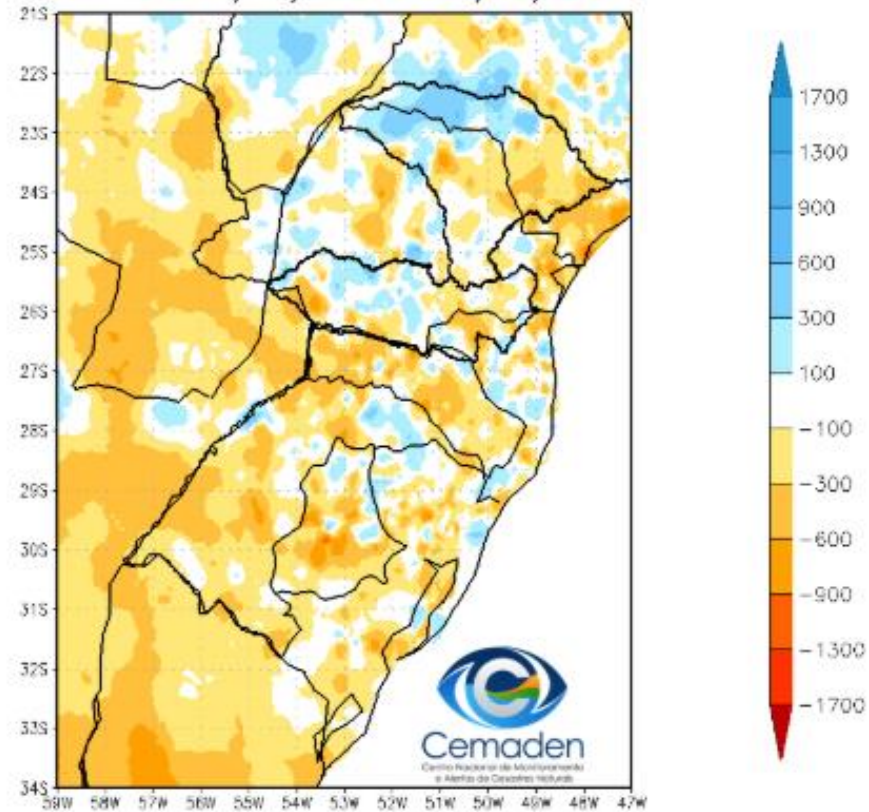


Precipitação no Ano Hidrológico

Precipitação Acumulada (mm) A.S.
Período: 01/10/2025 a 24/08/2026

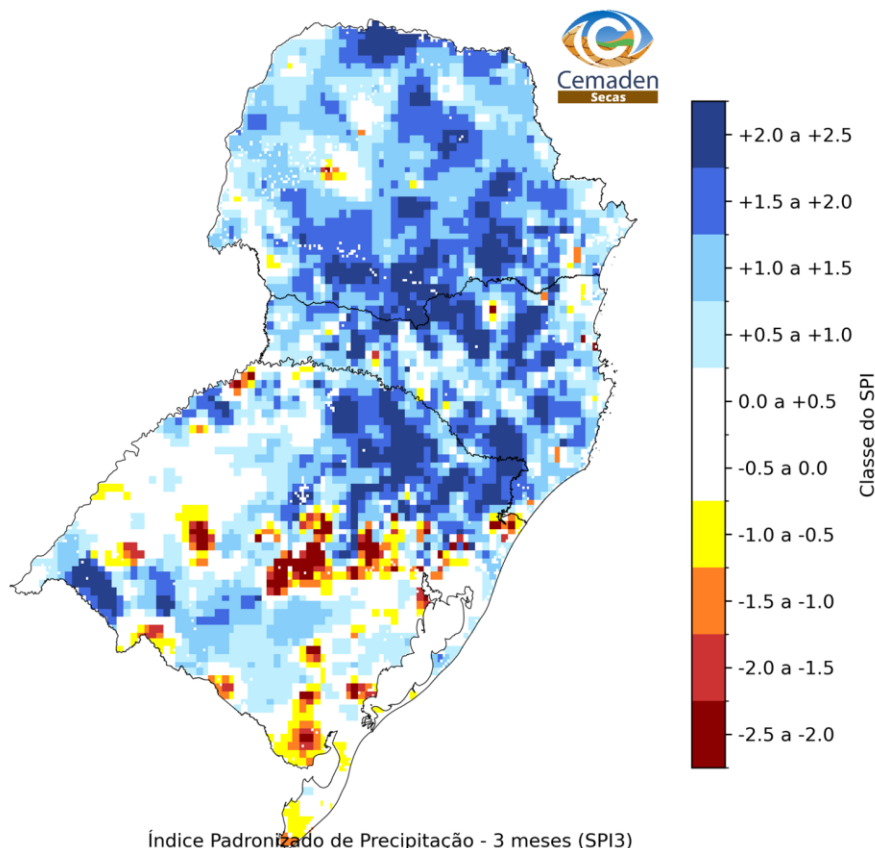


Anomalia de Precipitação (mm) A.S.
Período: 01/10/2025 a 24/08/2026



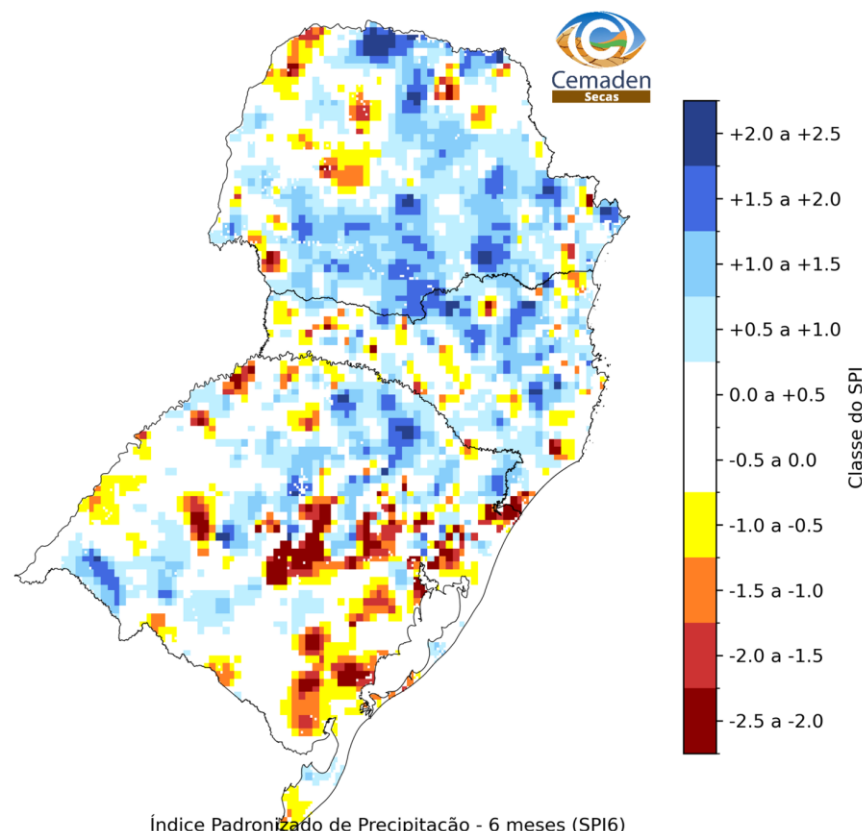
SPI: JULHO 2026

SPI-03



Índice Padronizado de Precipitação - 3 meses (SPI3)
julho 2026
Fonte: Cemaden/MCTI

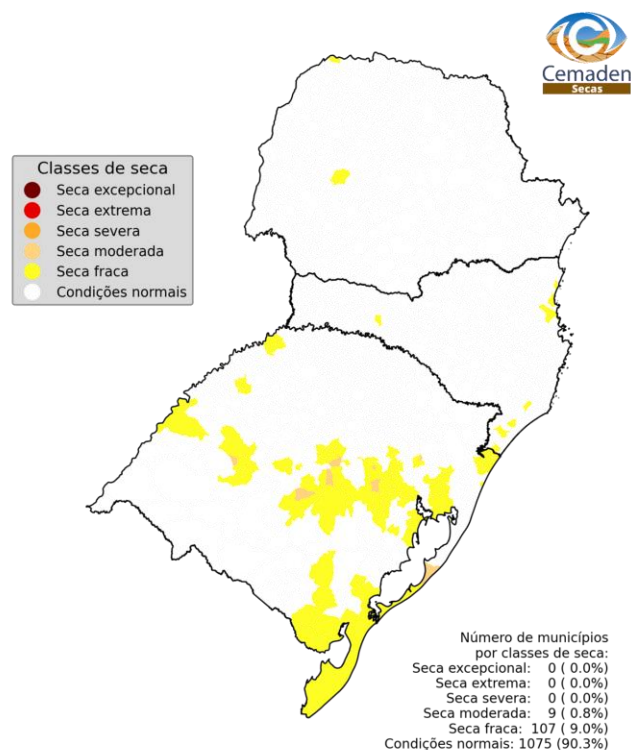
SPI-06



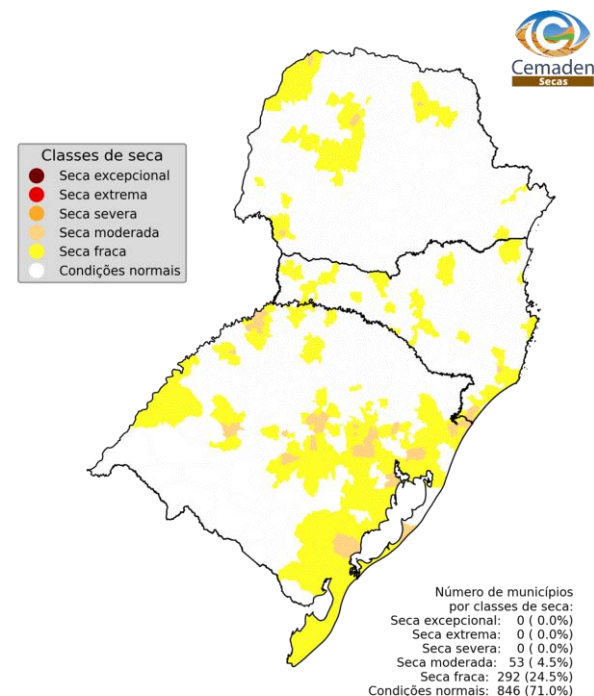
Índice Padronizado de Precipitação - 6 meses (SPI6)
julho 2026
Fonte: Cemaden/MCTI

ÍNDICE INTEGRADO DE SECA: ANÁLISE POR MUNICÍPIOS

IIS-03 (PARCIAL DE AGOSTO) IIS-06
OBSERVADO OBSERVADO

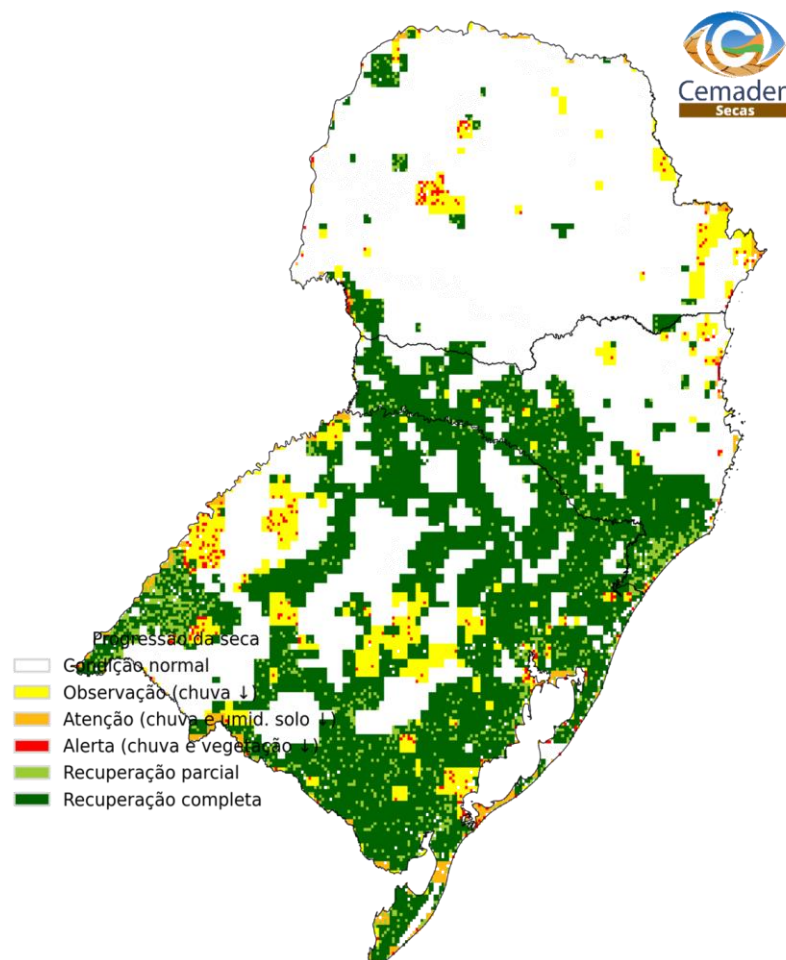


Índice Integrado de Seca - 3 meses (IIS3)



Índice Integrado de Seca - 6 meses (IIS6)

PROPAGAÇÃO INCREMENTAL DAS CONDIÇÕES DE SECA (PICS)

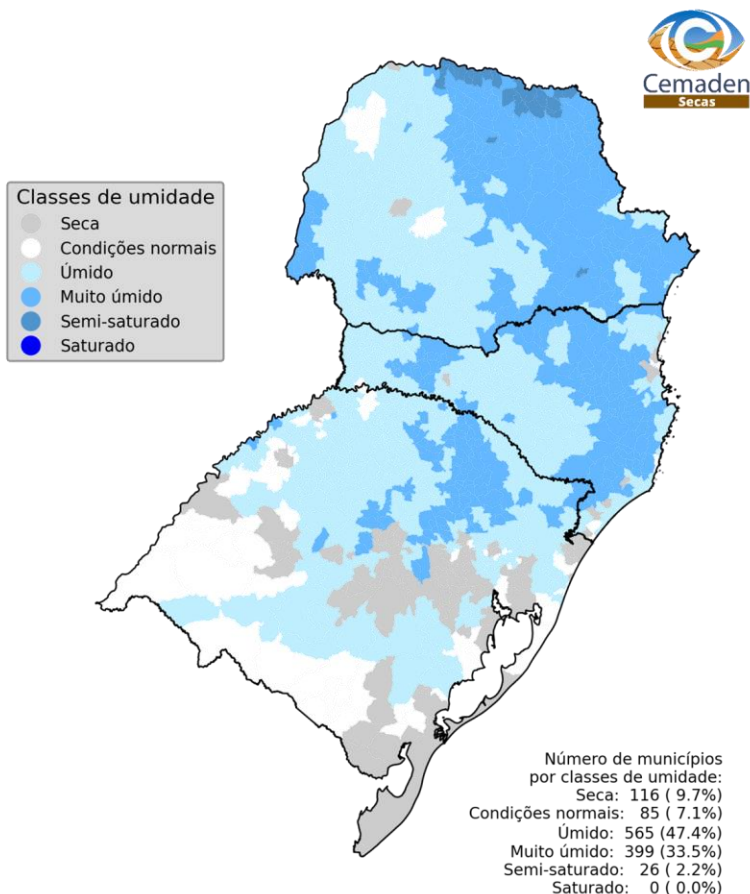


Progressão e Intensificação das Condições de Seca (PICS)
julho 2026
Fonte: Cemaden/MCTI

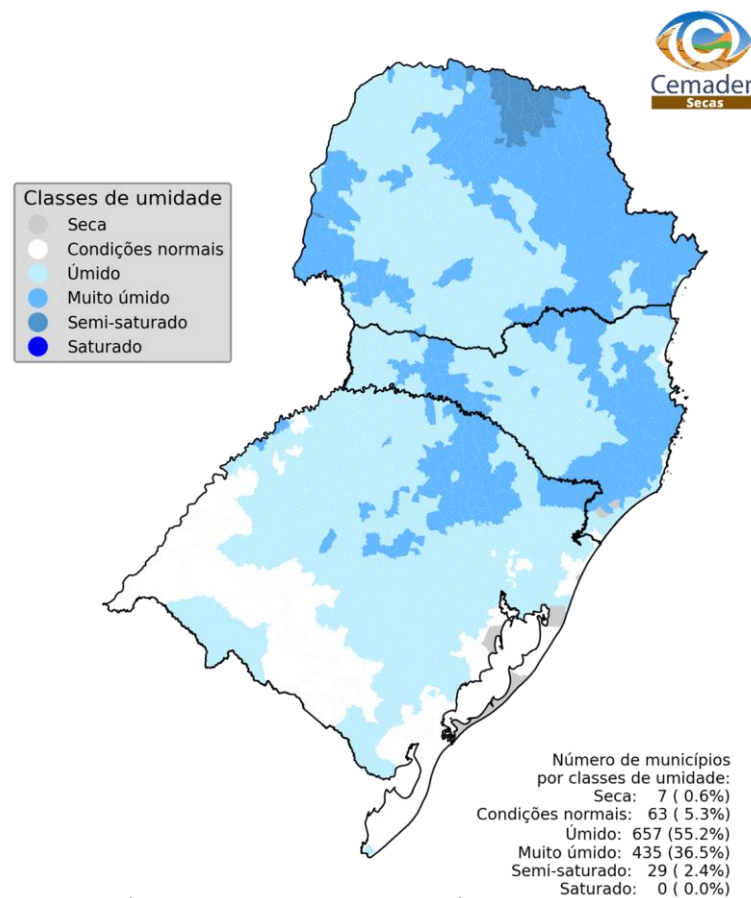
ÍNDICE AGREGADO DE RECURSOS DE ÁGUA (IARA)

JULHO/26

AGOSTO/26



Índice Agregado de Recursos de Água (IARA)
julho 2026
Fonte: Cemaden/MCTI



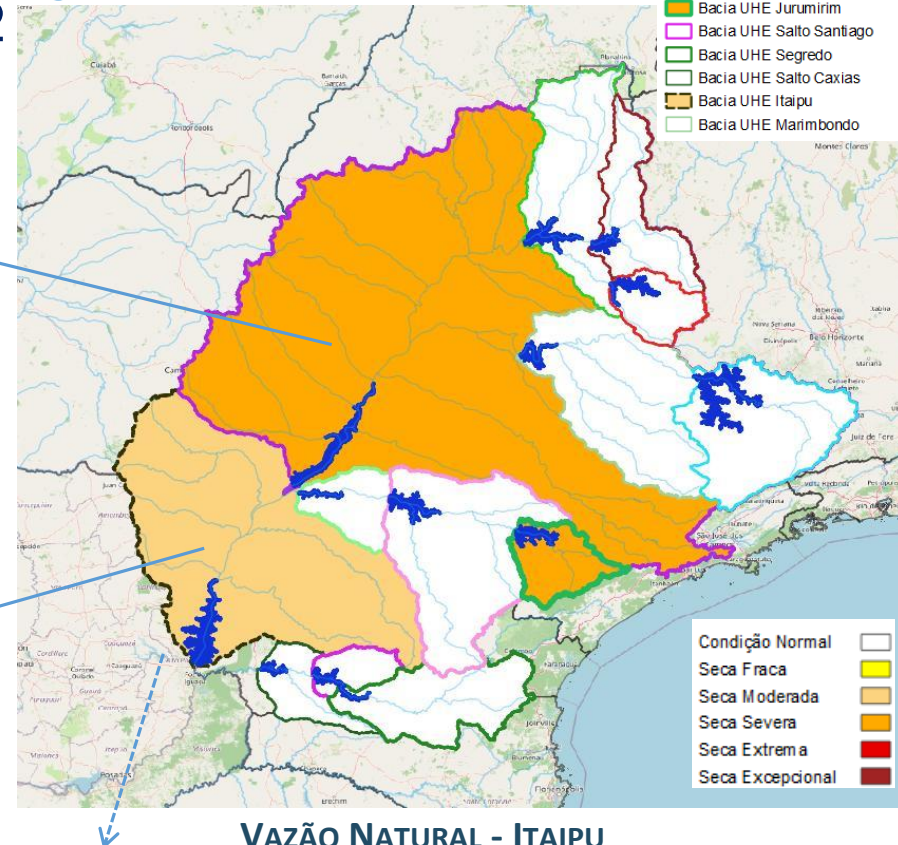
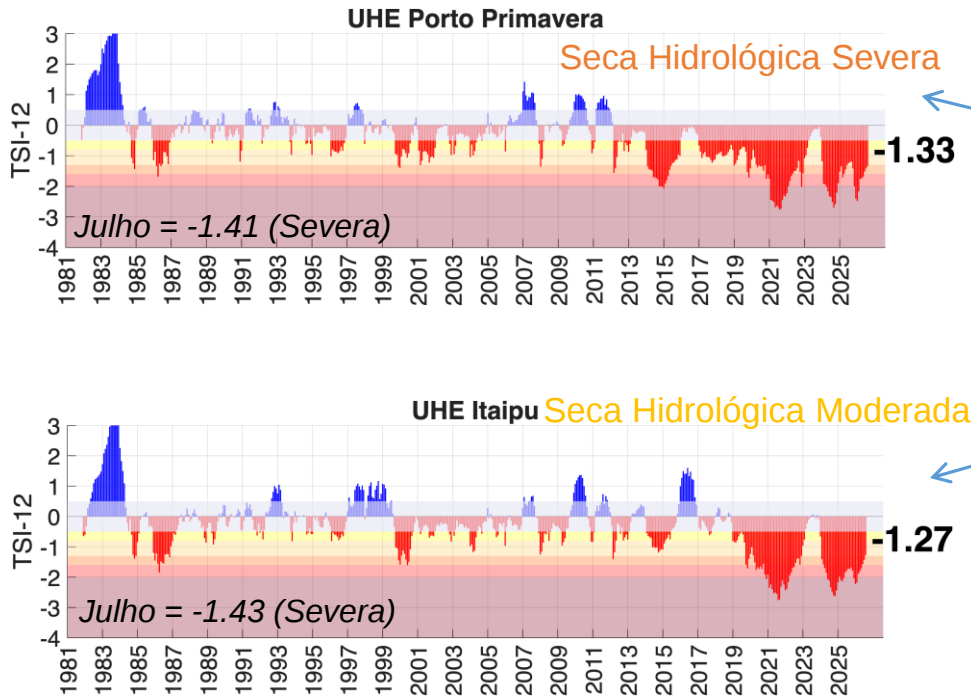
Previsão do Índice Agregado de Recursos de Água (IARAp)
agosto 2026
Fonte: Cemaden/MCTI

MÉDIO E BAIXO PARANÁ

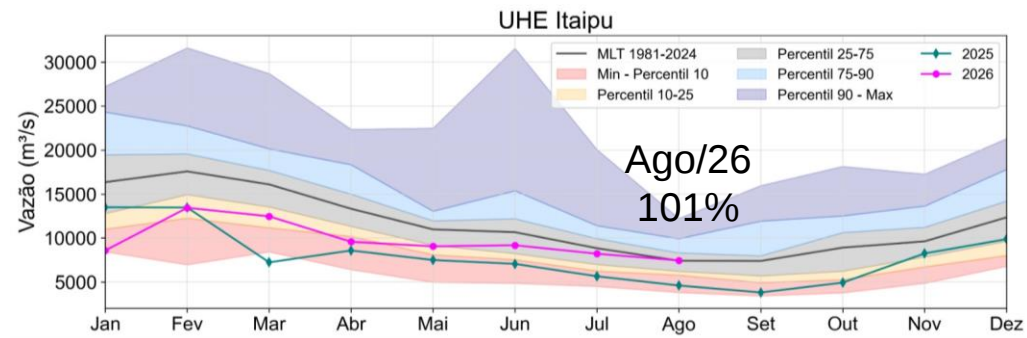
Agosto 2026 - Parcial

- Bacia UHE Itumbiara
- Bacia UHE Emborcação
- Bacia UHE Nova Ponte
- Bacia UHE Fumas
- Bacia UHE Porto Primavera
- Bacia UHE Rosana
- Bacia UHE Capivara
- Bacia UHE Jurumirim
- Bacia UHE Salto Santiago
- Bacia UHE Segredo
- Bacia UHE Salto Caxias
- Bacia UHE Itaipu
- Bacia UHE Marimbondo

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



VAZÃO NATURAL - ITAIPU



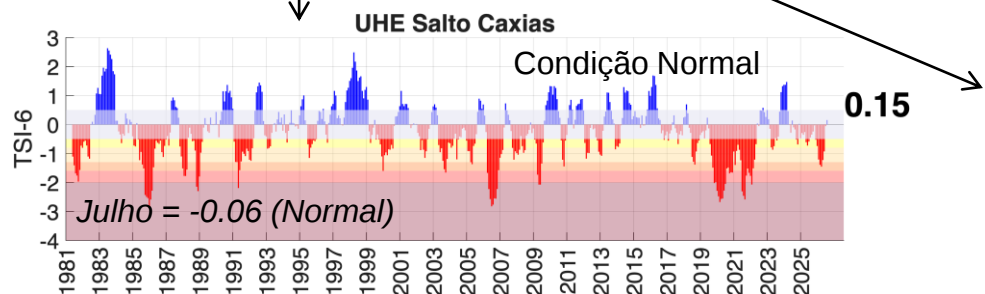
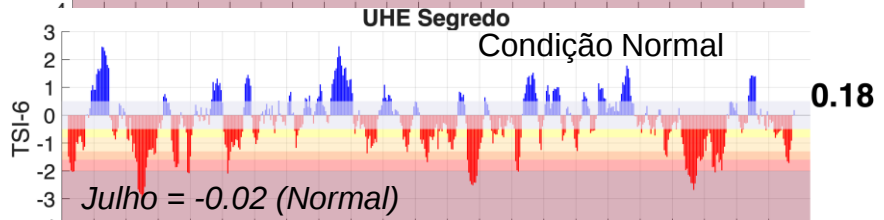
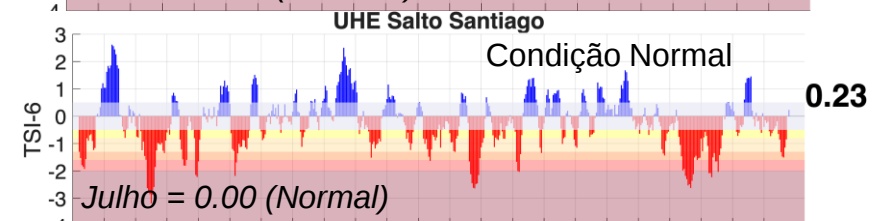
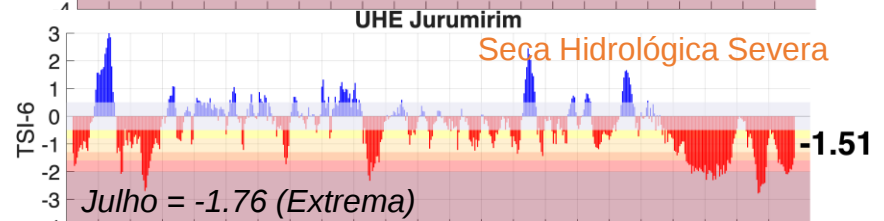
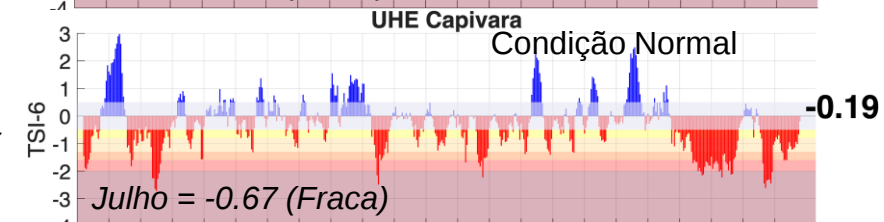
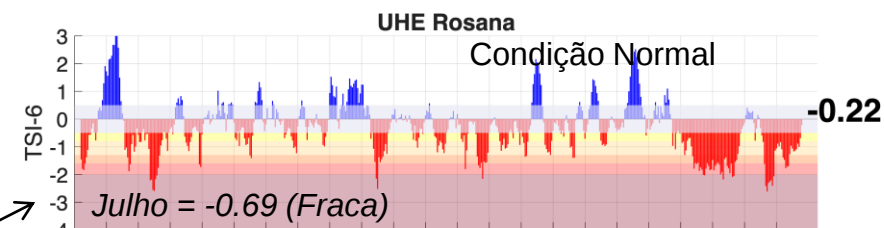
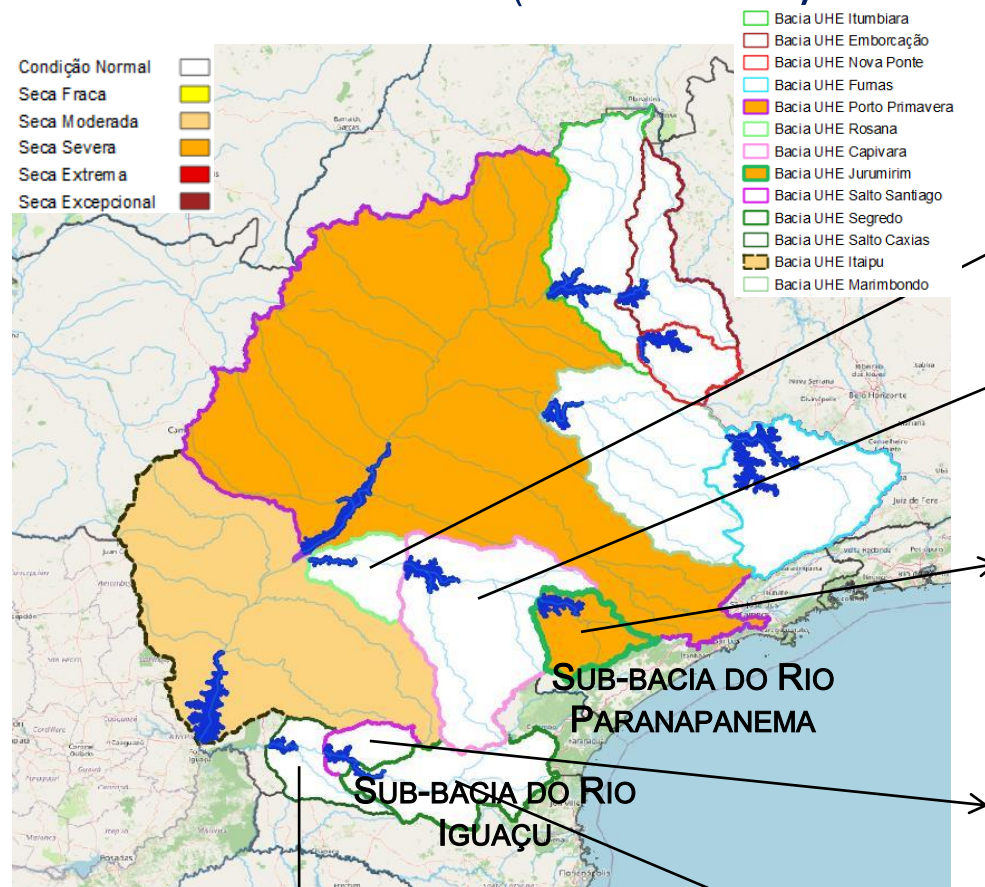
Fonte: CEMADEN/MCTI

Dados: Precipitação (CHIRPS) e Vazão (ONS e ANA) Período: Jan/1981 – Ago/2026

BACIAS PARANAPANEMA E IGUAÇU

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

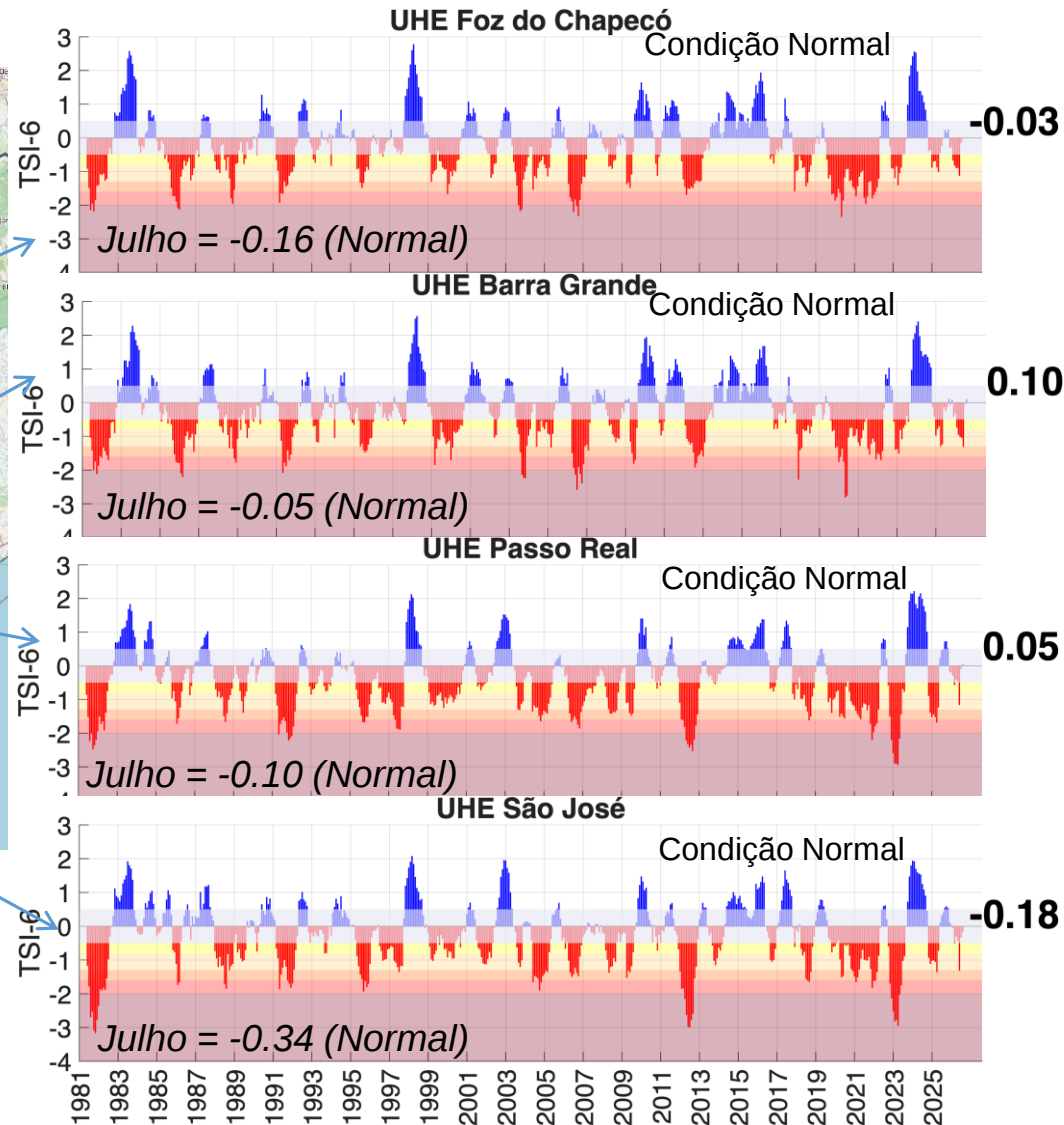
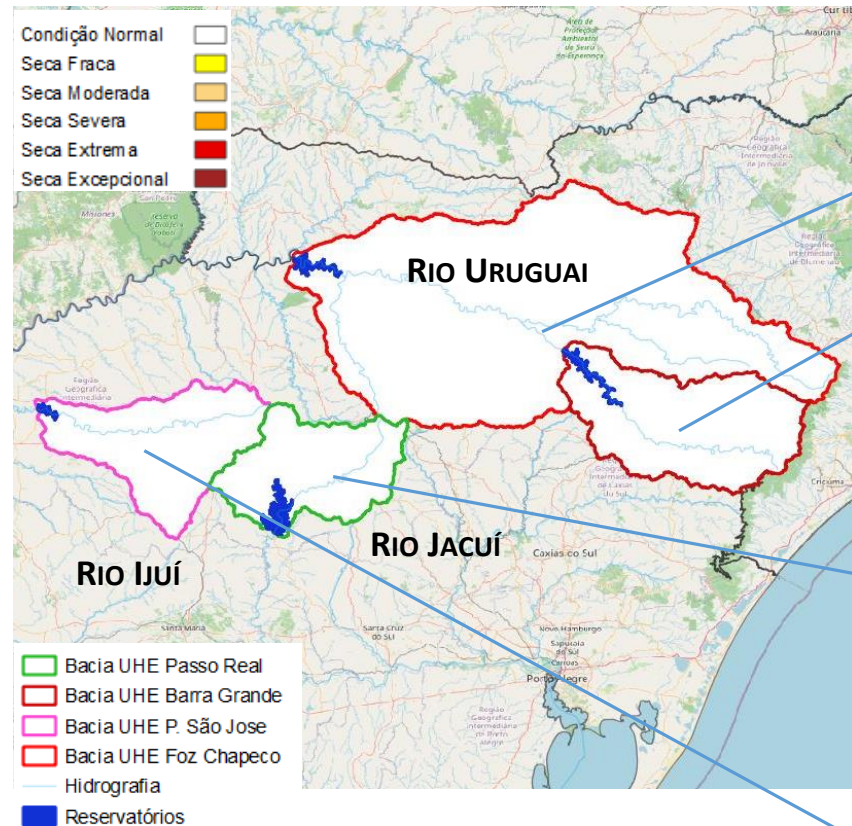
Agosto 2026 - Parcial



BACIAS DOS RIOS URUGUAI, JACUÍ E IJUÍ

Agosto 2026 - Parcial

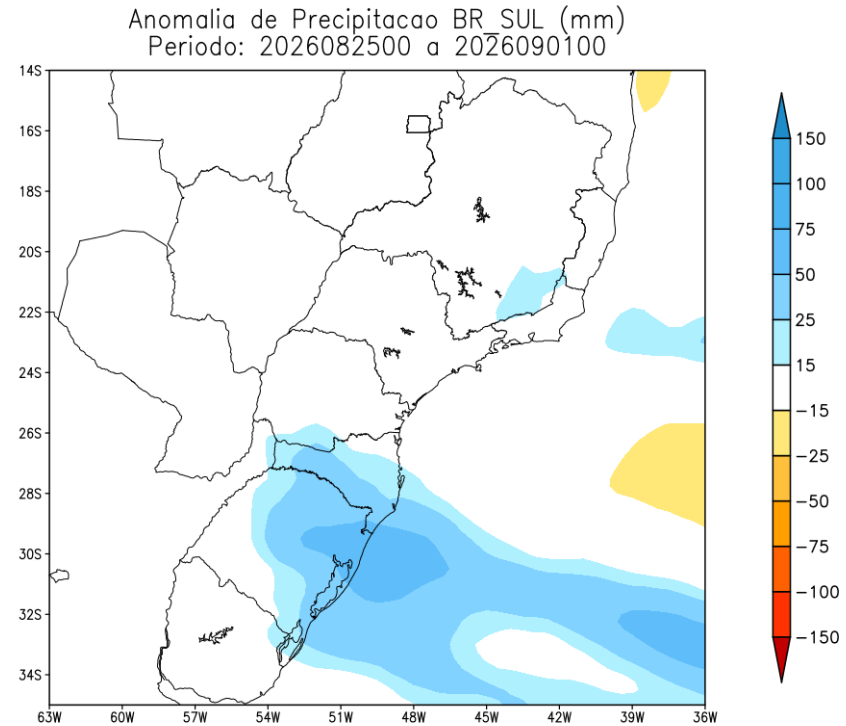
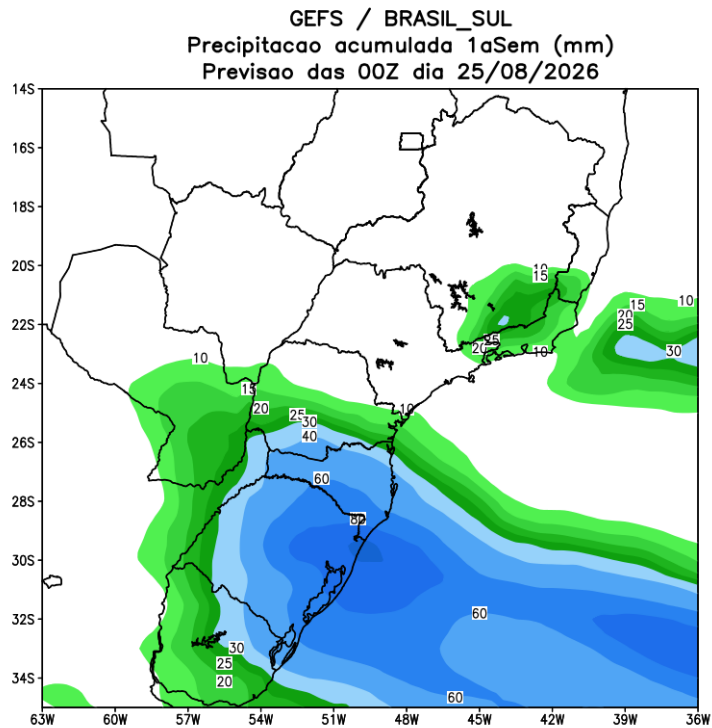
Índice de Seca Bivariado (Chuva-Vazão) – TSI-6



Fonte: CEMADEN/MCTI

Dados: Precipitação (CHIRPS) e Vazão (ONS e ANA) Período: Jan/1981 – Ago/2026

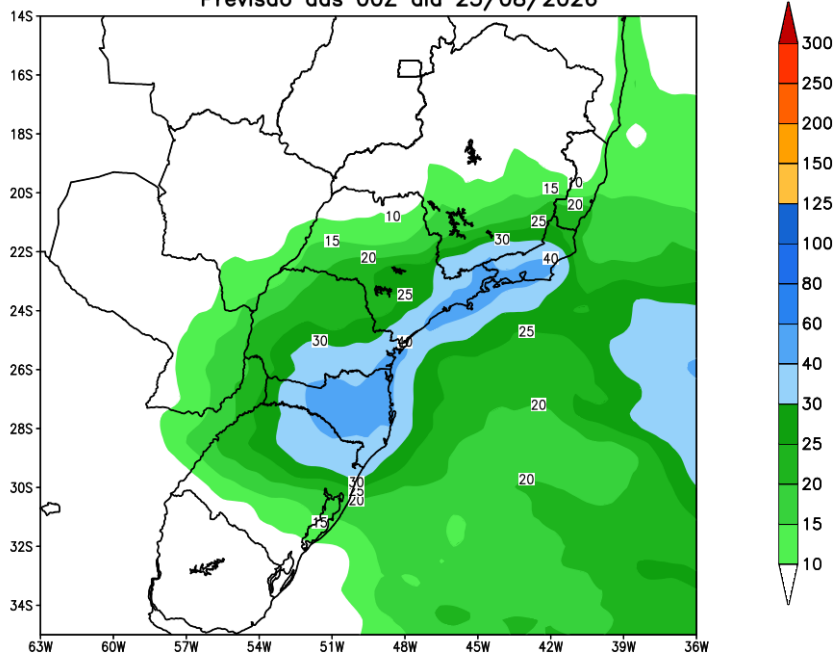
Previsão de chuva próximos 7 dias



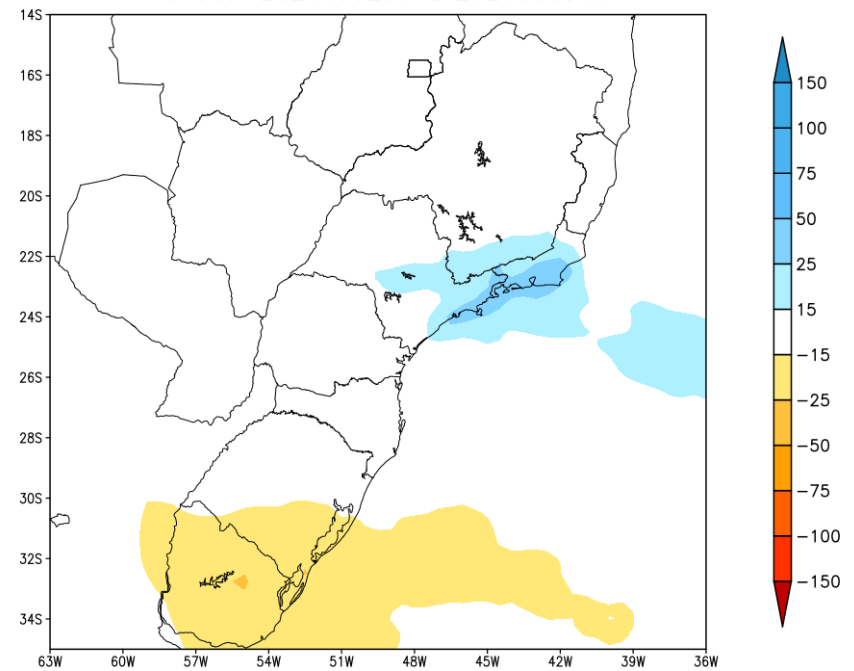
MODELO GEFS

Tendência para a segunda semana

GEFS / BRASIL_SUL
Precipitacao acumulada 2aSem (mm)
Previsao das 00Z dia 25/08/2026



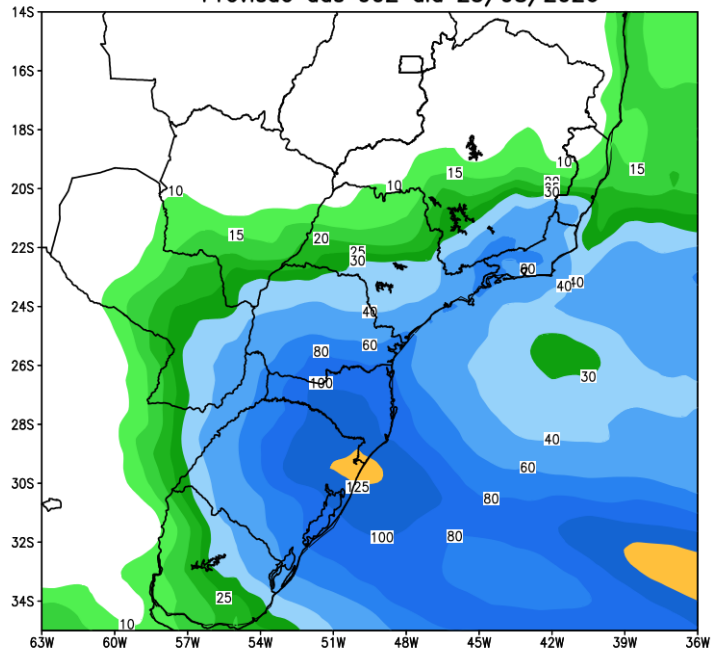
Anomalia de Precipitacao BR SUL (mm)
Periodo: 2026090200 a 2026090800



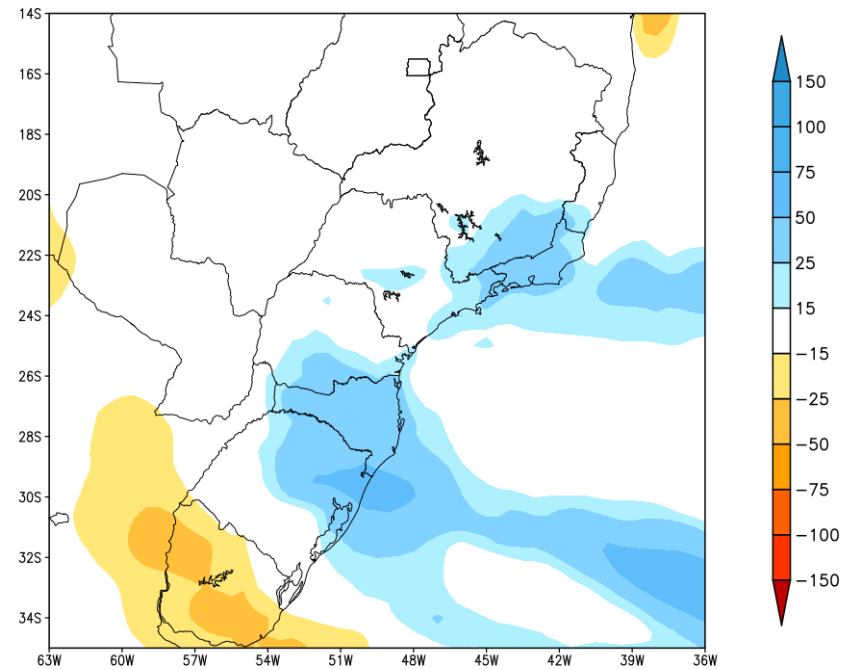
MODELO GEFS

Próximas duas semanas

GEFS / BRASIL_SUL
Precipitacao acumulada 14dias (mm)
Previsao das 00Z dia 25/08/2026



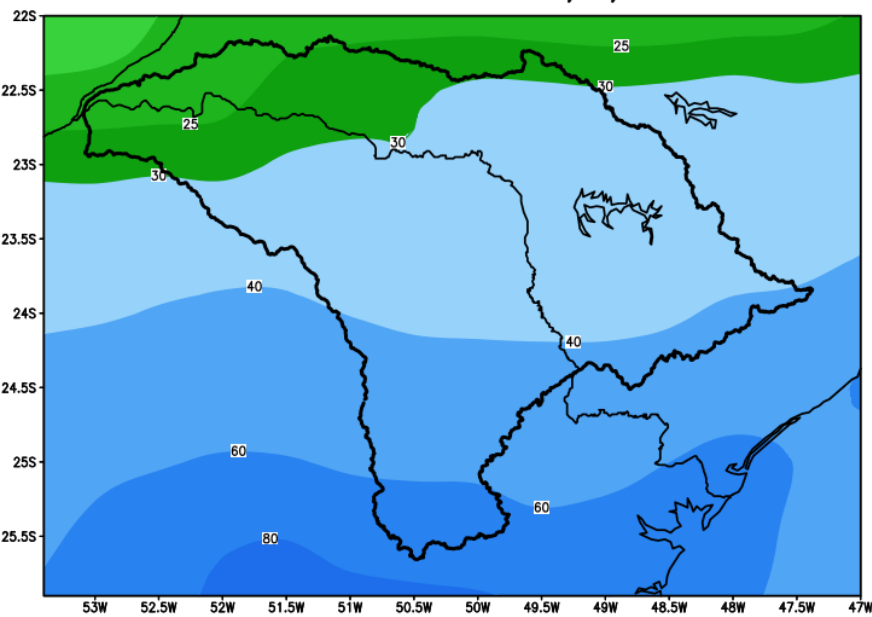
Anomalia de Precipitacao BR_SUL (mm)
Periodo: 2026082500 a 2026090800



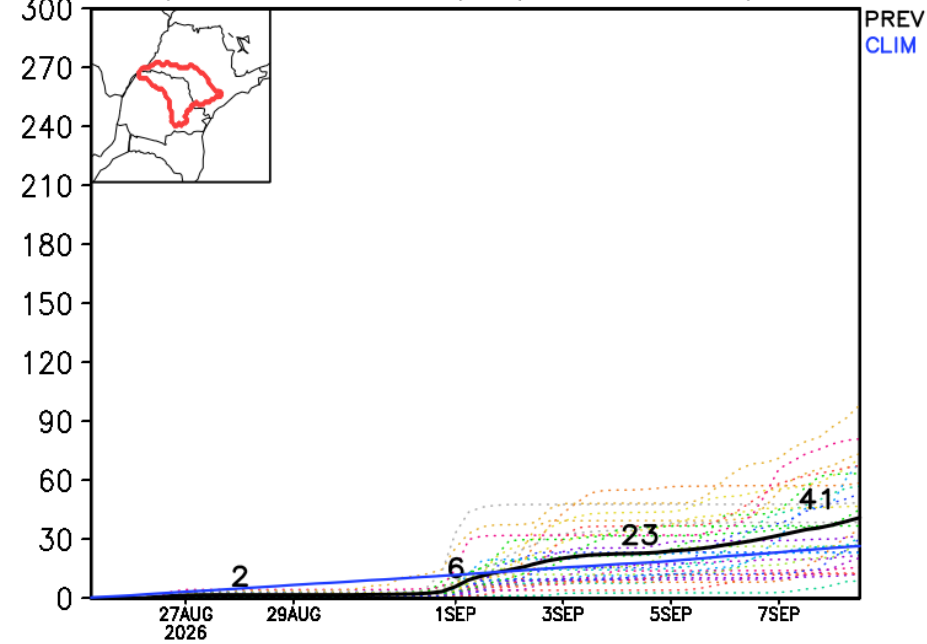
MODELO GEFS

Previsão para as principais bacias

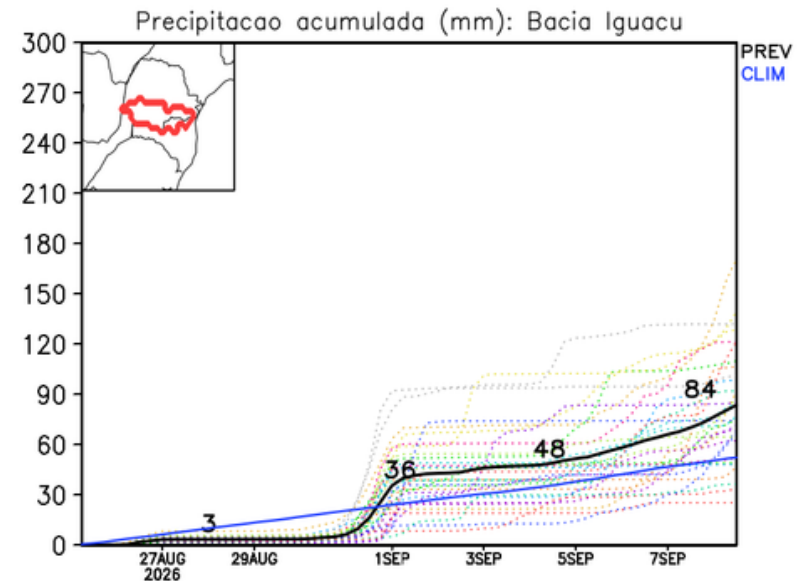
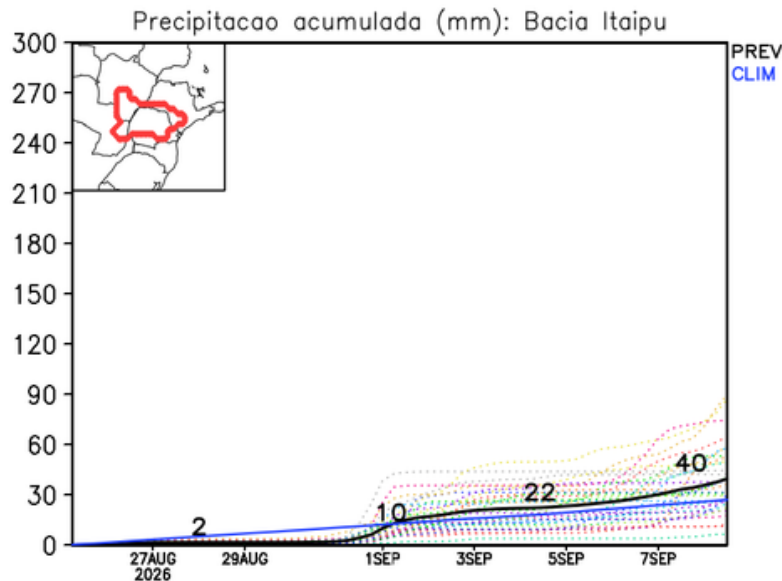
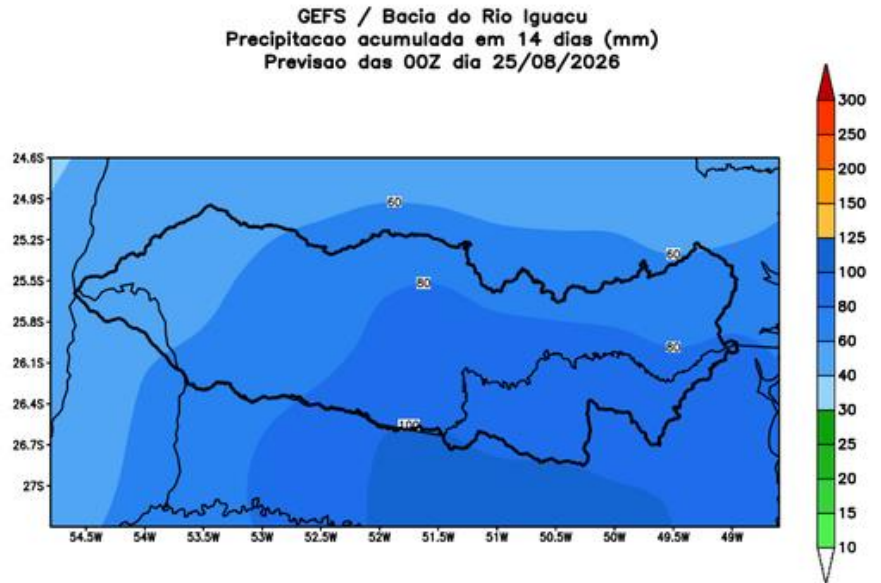
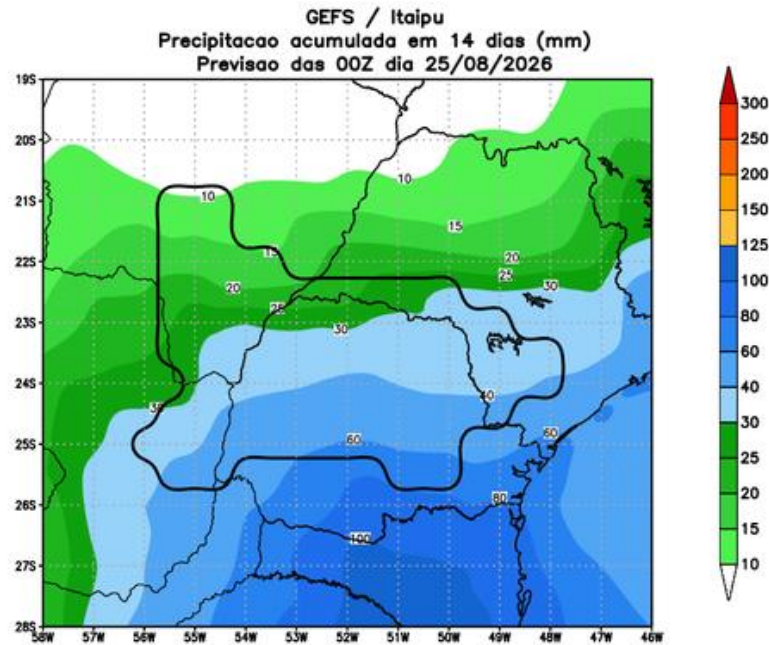
GEFS / Bacia do Rio Paranapanema
Precipitação acumulada em 14 dias (mm)
Previsão das 00Z dia 25/08/2026



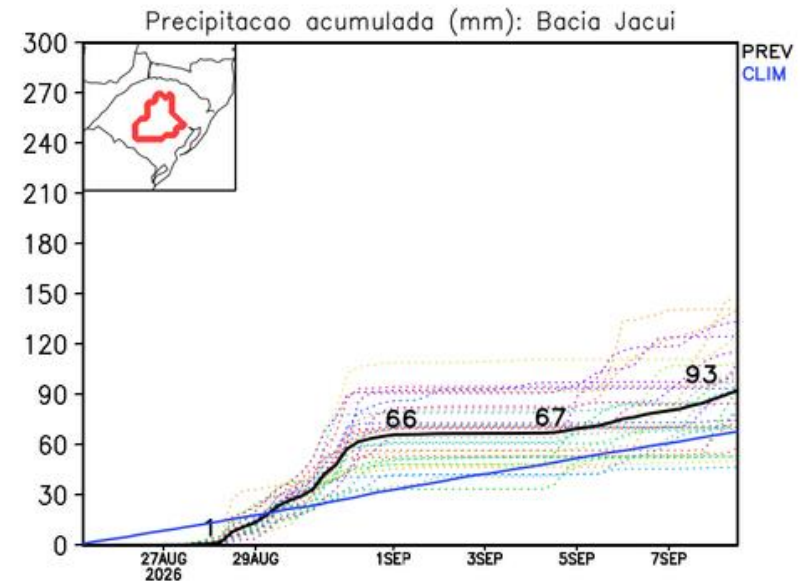
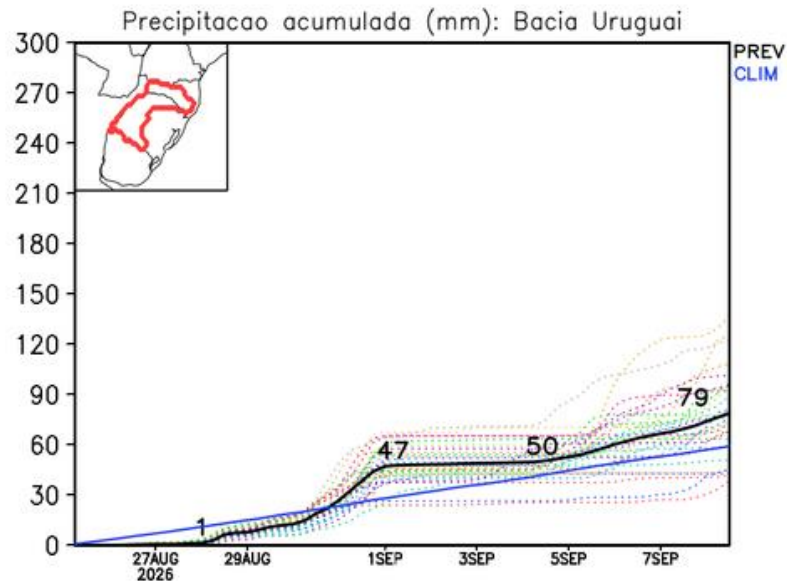
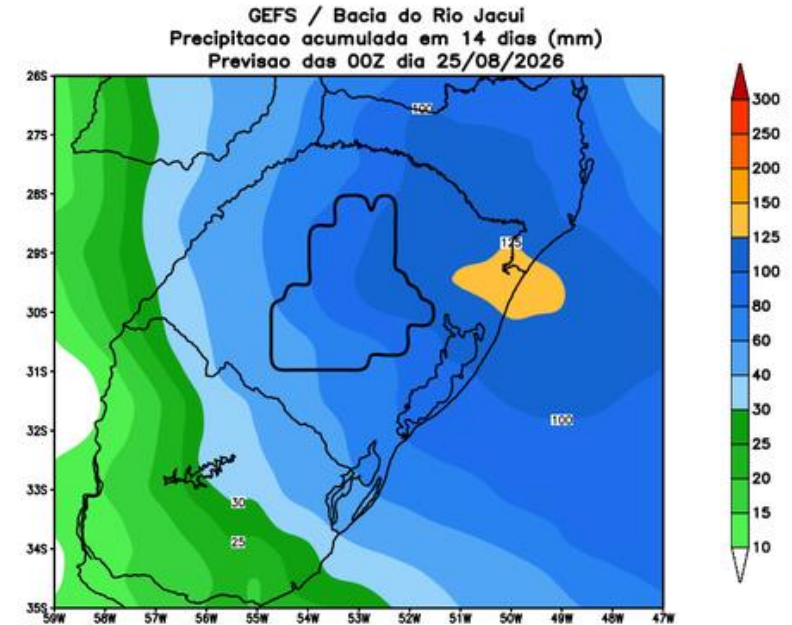
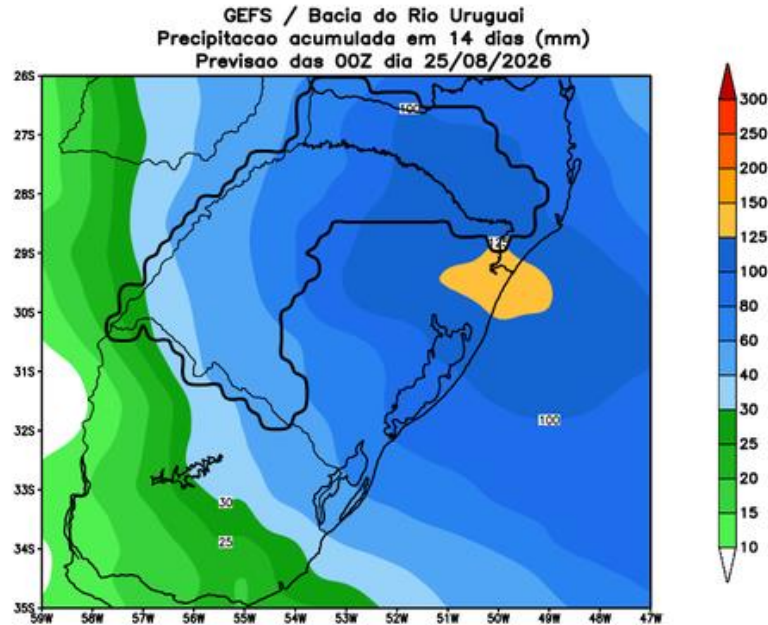
Precipitação acumulada (mm): Bacia Paranapanema



Previsão para as principais bacias



Previsão para as principais bacias

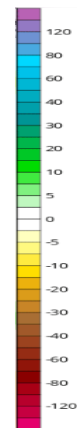
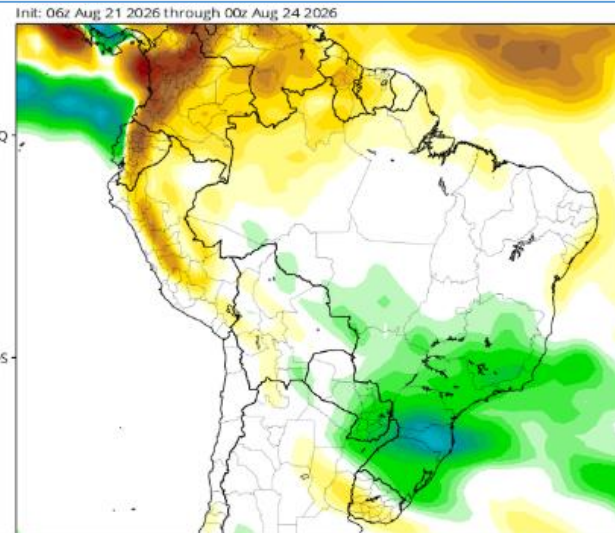
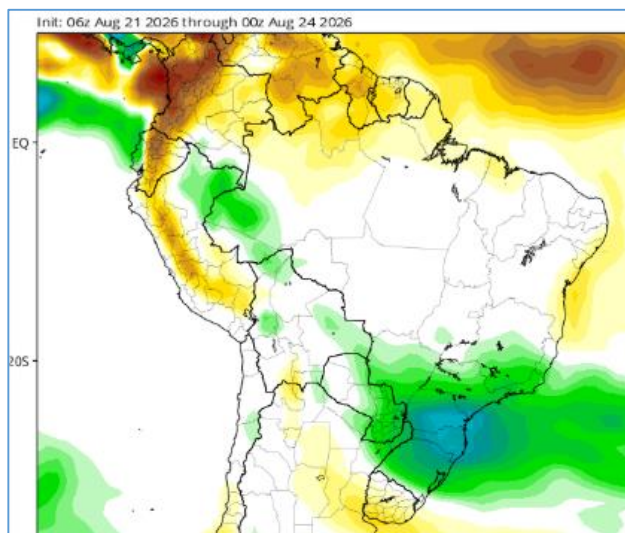


Tendência 3a e 4a semanas

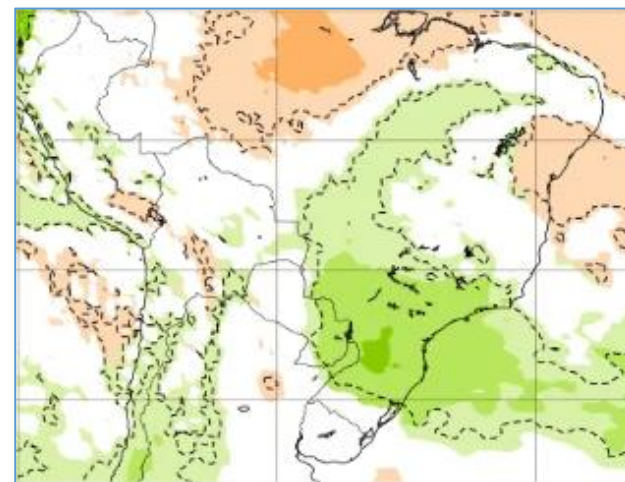
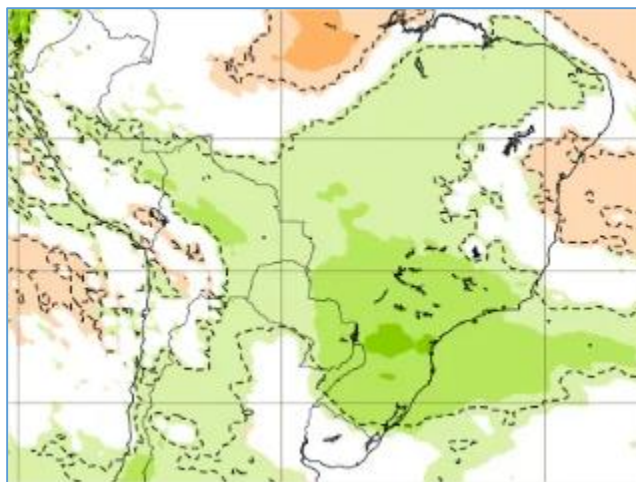
07-14 Set

14-21 Set

CFS/NOAA



ECMWF



07-14 Set

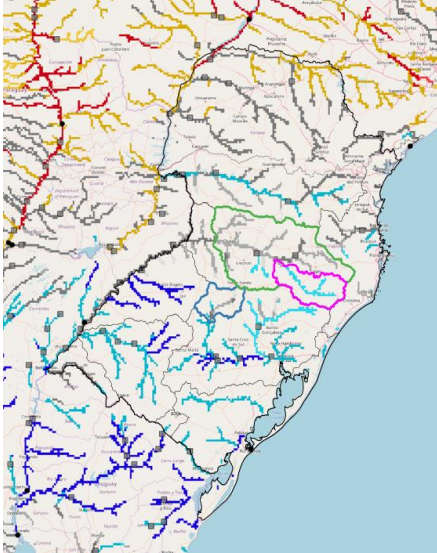
14-21 Set



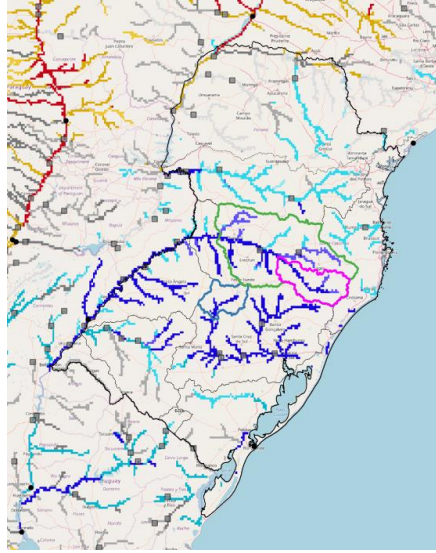
Previsão Sub-sazonal (45 dias) de vazões naturais para a Região Sul (GloFAS)

Previsão: 24/08/2026 – 05/10/2026

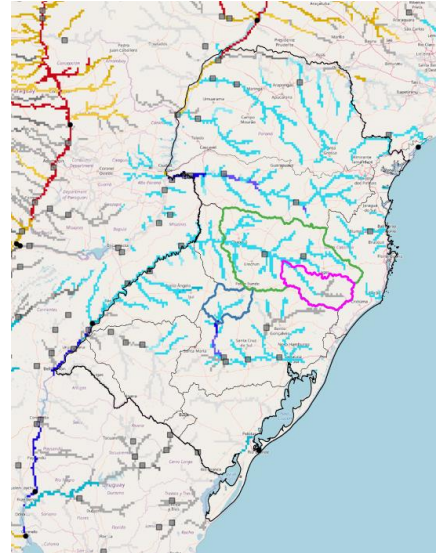
24/08/2026-31/08/2026



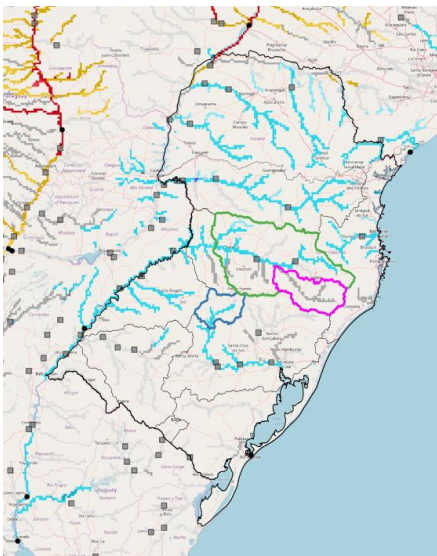
01/09/2026-07/09/2026



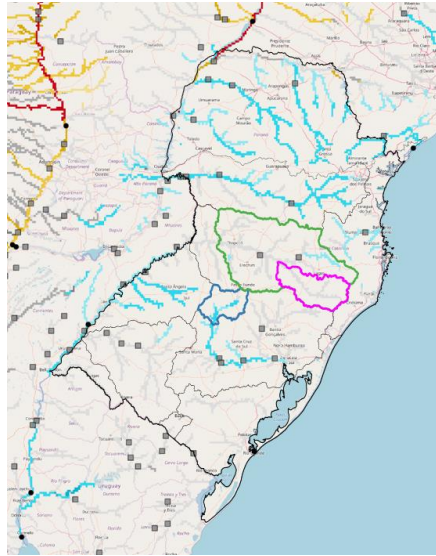
08/09/2026-14/09/2026



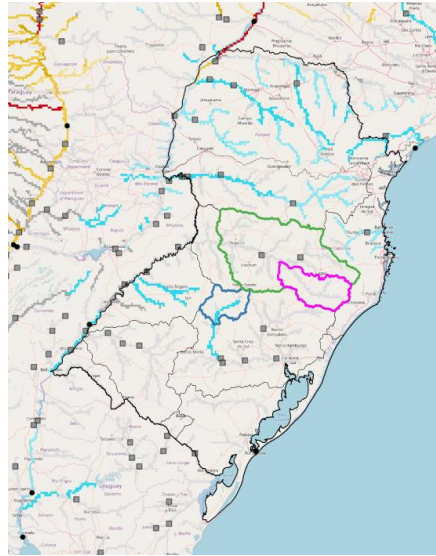
15/09/2026-21/09/2026



22/09/2026-28/09/2026



29/09/2026-05/10/2026



-  Bacia UHE Barra Grande
-  Bacia UHE Foz Chapeco
-  Bacia UHE Passo Real
-  Bacias Hidrográficas
-  Região Sul

Categoria de anomalia de vazões (percentil)

Categoria de incerteza

Baixa (0-10) Média (10-20) Alta (>20)

Muito abaixo (1-10)

Abaixo (10-25)

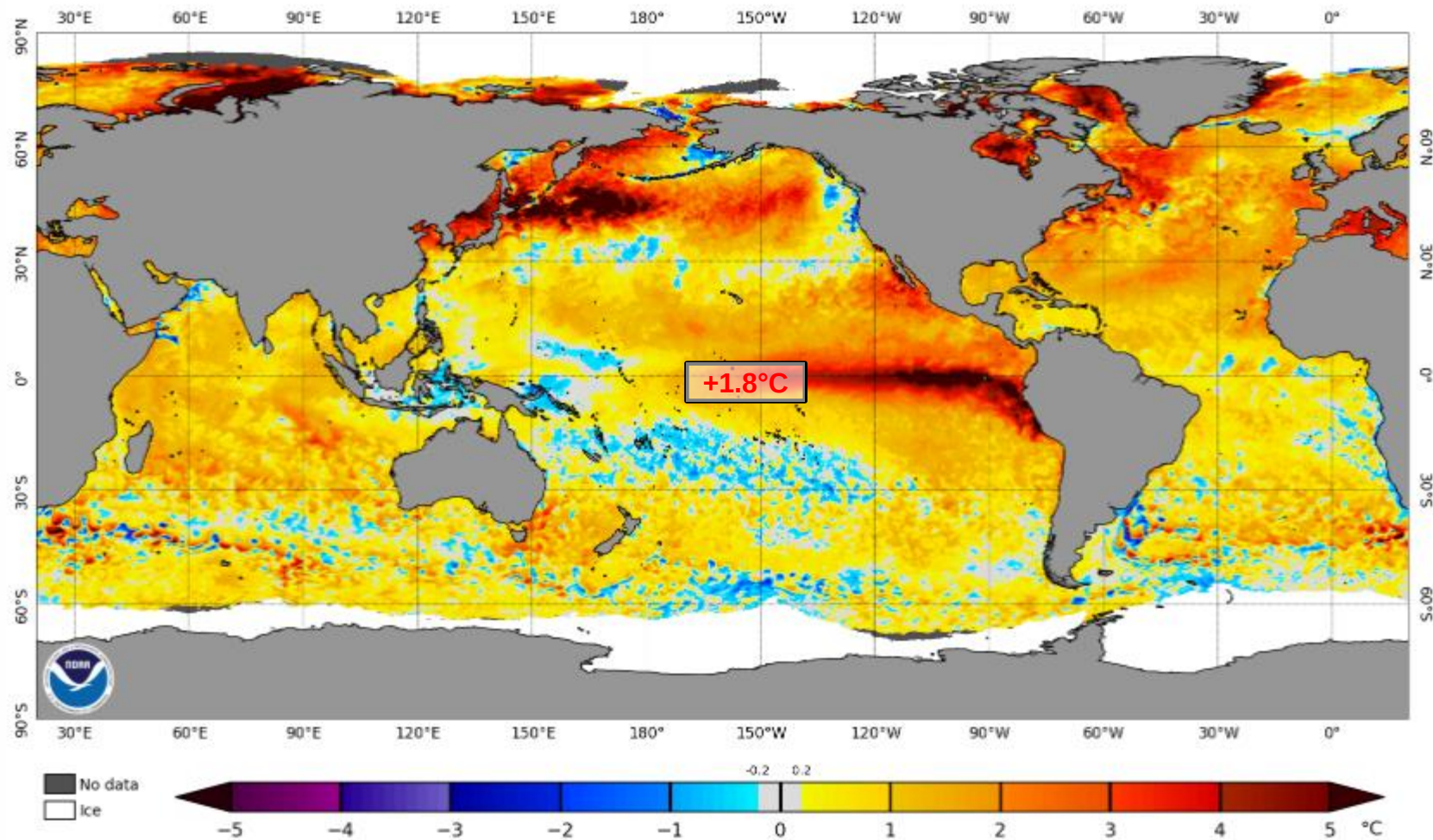
Média (25-75)

Acima (75-90)

Muito acima (90-100)

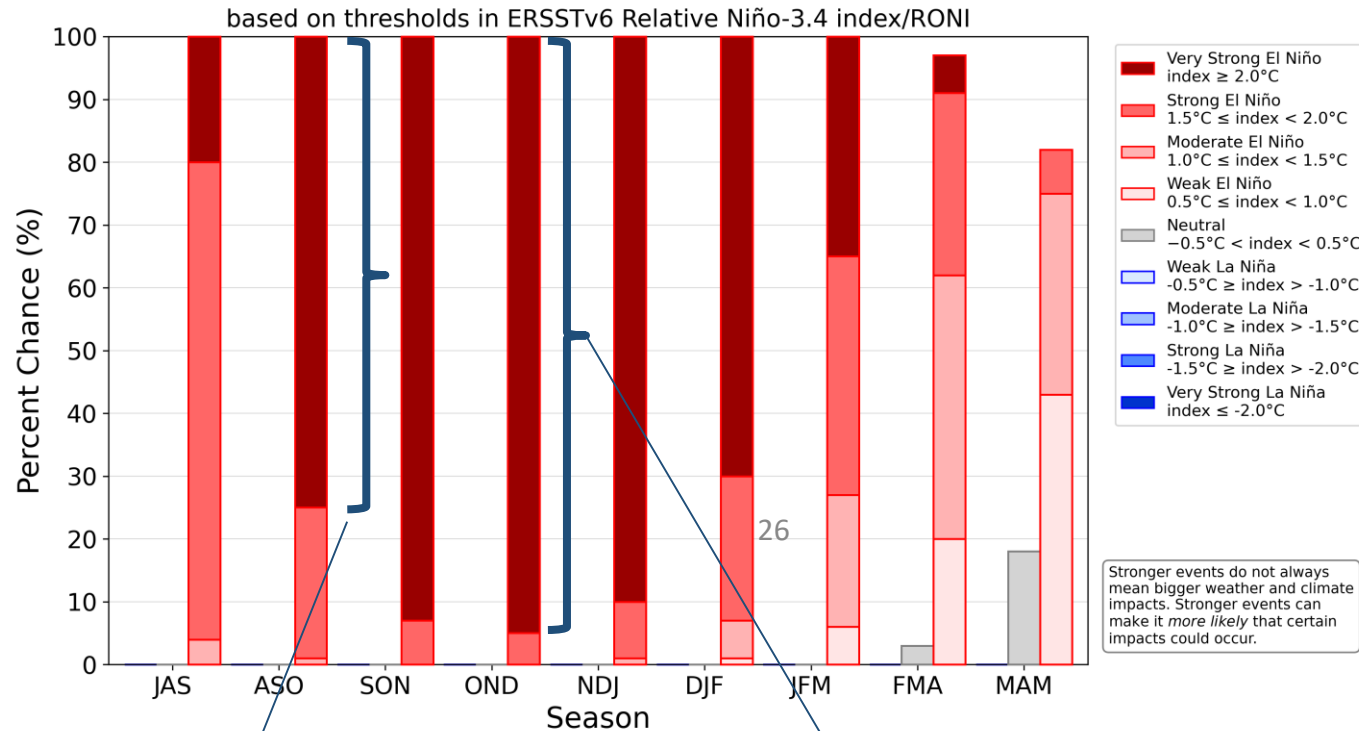
Status Atual: **El Niño**

NOAA Coral Reef Watch Daily 5km SST Anomalies (v3.1) 22 Aug 2026



Previsão da intensidade do “El Niño”

NOAA CPC ENSO Strength Probabilities (issued August 2026)



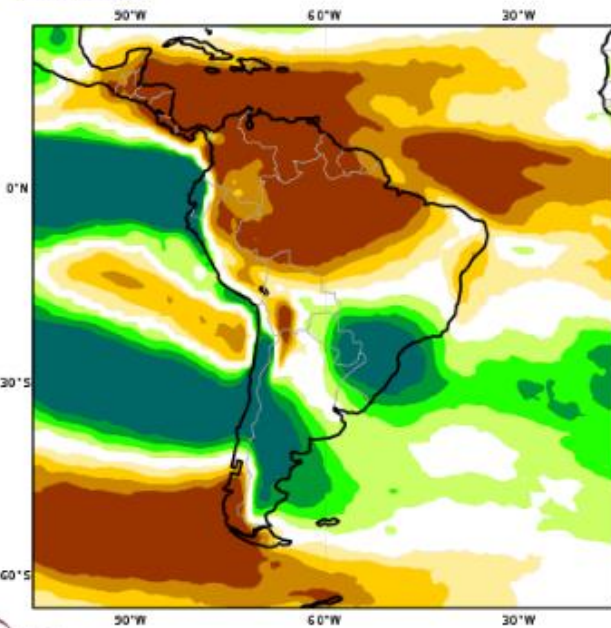
65% de chance de
EN muito forte em
ASO

>90% de chance de
EN forte-muito forte
em OND

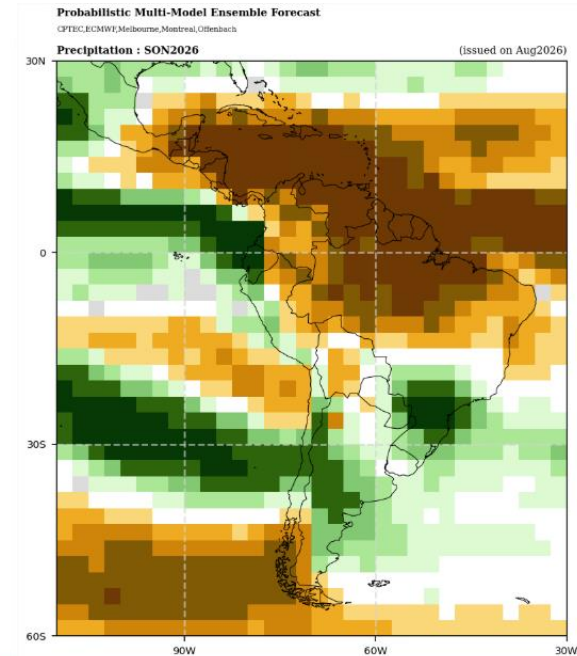
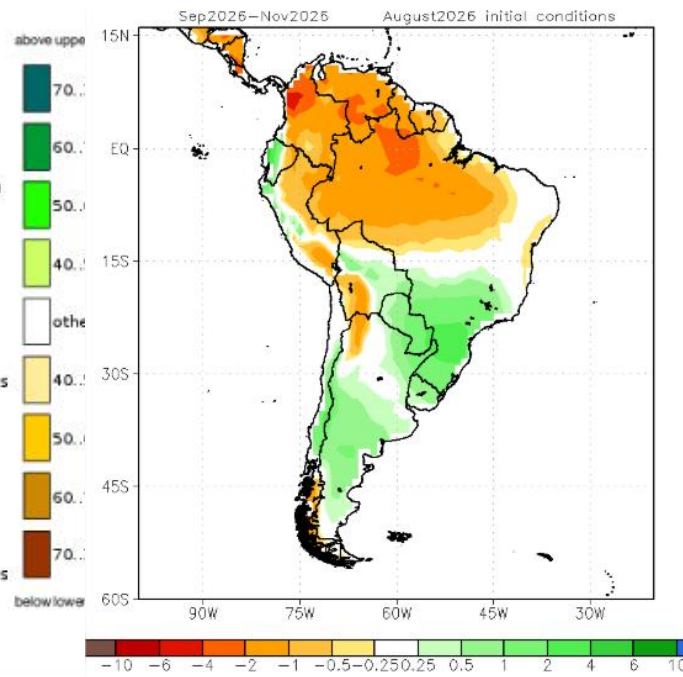
Previsão Sazonal de Chuva Multi-Modelo

Setembro-Outubro-Novembro

www.met.rdg.ac.uk



Climate Change Service
climate.copernicus.eu



Modelos “Europeus”

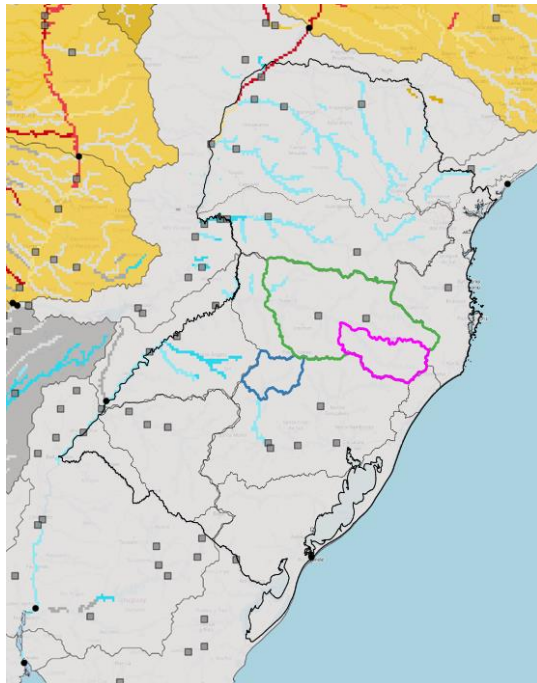
Modelos Norte Americanos

Modelos da WMO

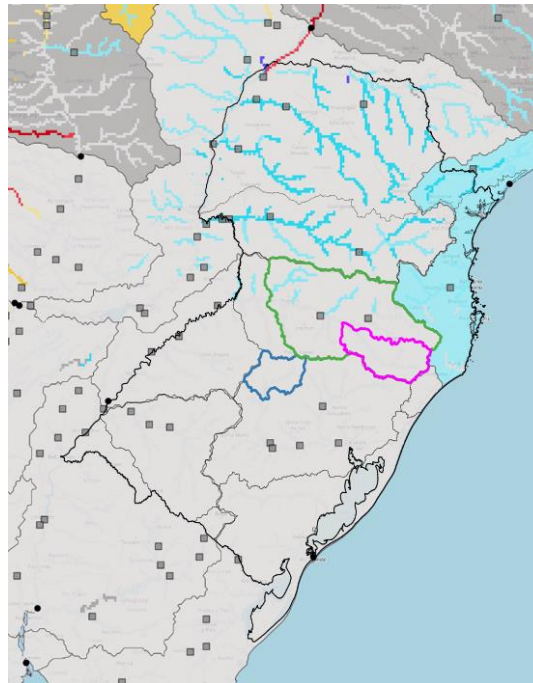
Previsão Sazonal (SON) de vazões naturais para a Região Sul (GloFAS)

Previsão: Setembro, Outubro e Novembro de 2026

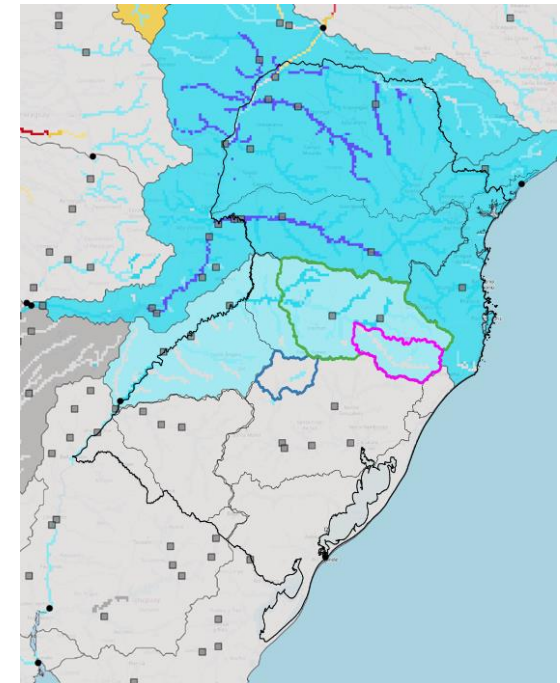
Setembro



Outubro



Novembro



-  Bacia UHE Barra Grande
-  Bacia UHE Foz Chapeco
-  Bacia UHE Passo Real
-  Bacias Hidrográficas
-  Região Sul

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)

Abaixo (10-25)

Média (25-75)

Acima (75-90)

Muito acima (90-100)



Anos Análogos de El Nino

Trimestre SON

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

