CEMADEN

Centro Nacional de Monitoramento e Alertas de Desastres Naturais

Monitoramento e Previsões da situação hidrometeorológica na Região Sul

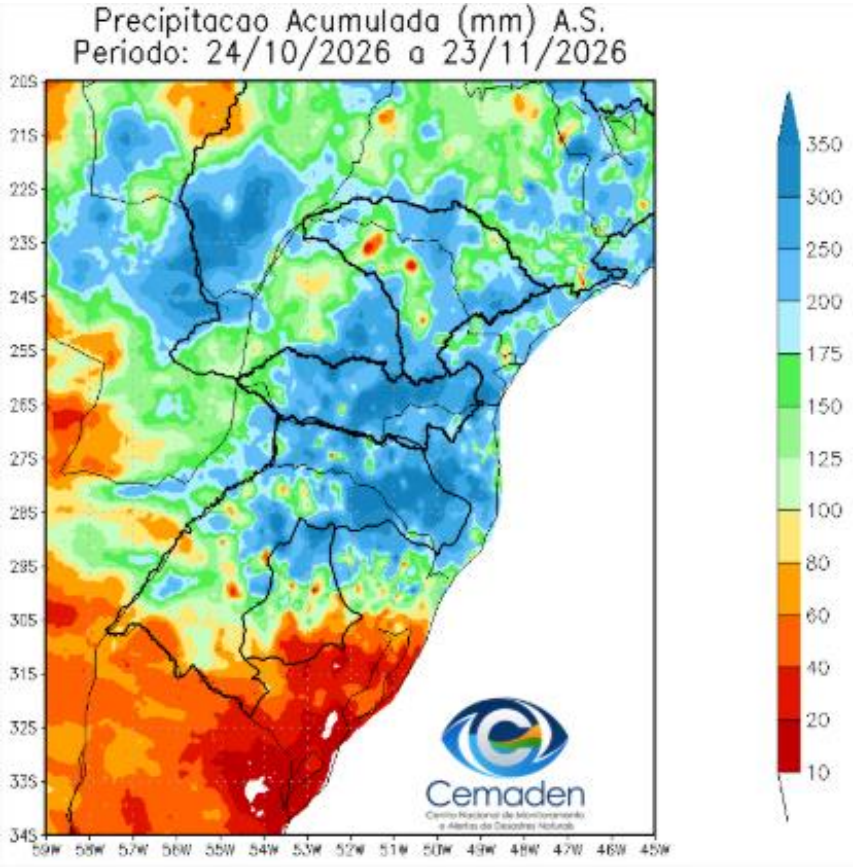
Novembro de 2026

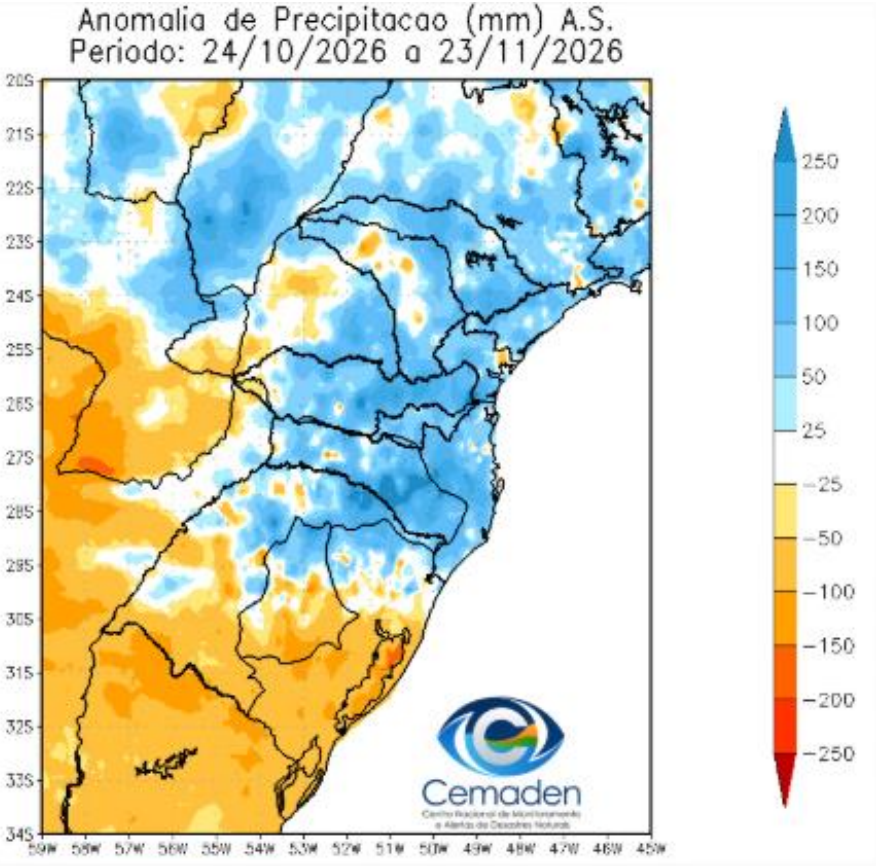


Cemaden
Centro Nacional de Monitoramento e Alertas de Desastres Naturais
UNIDADE DE PESQUISA DO MCTI

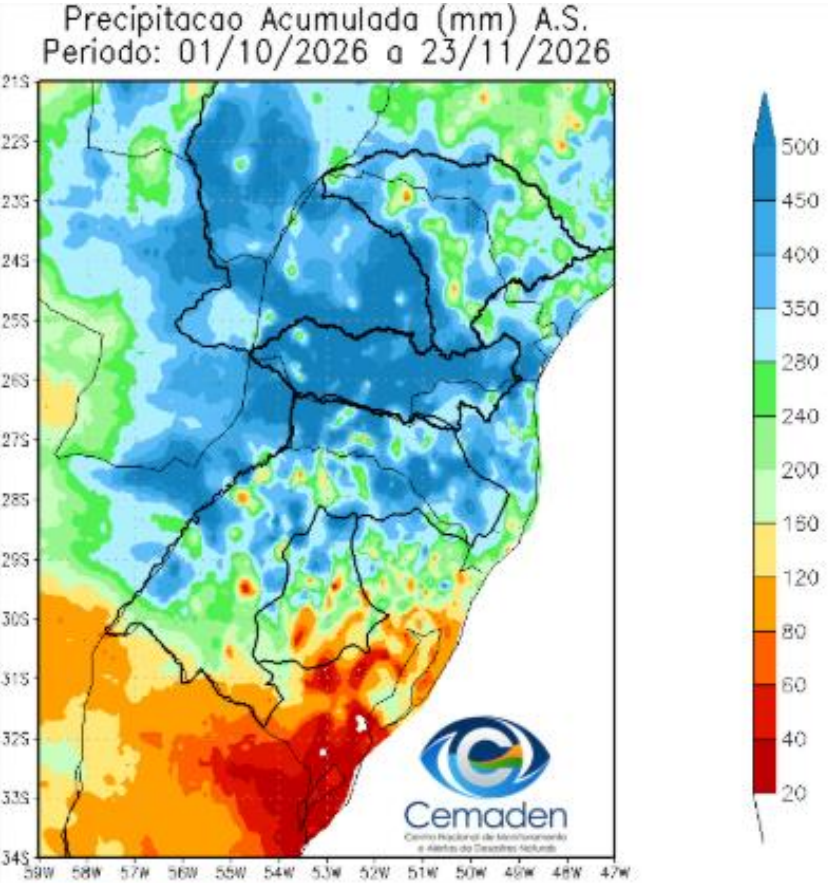
MINISTÉRIO DA CIÊNCIA, TECNOLOGIA E INOVAÇÕES

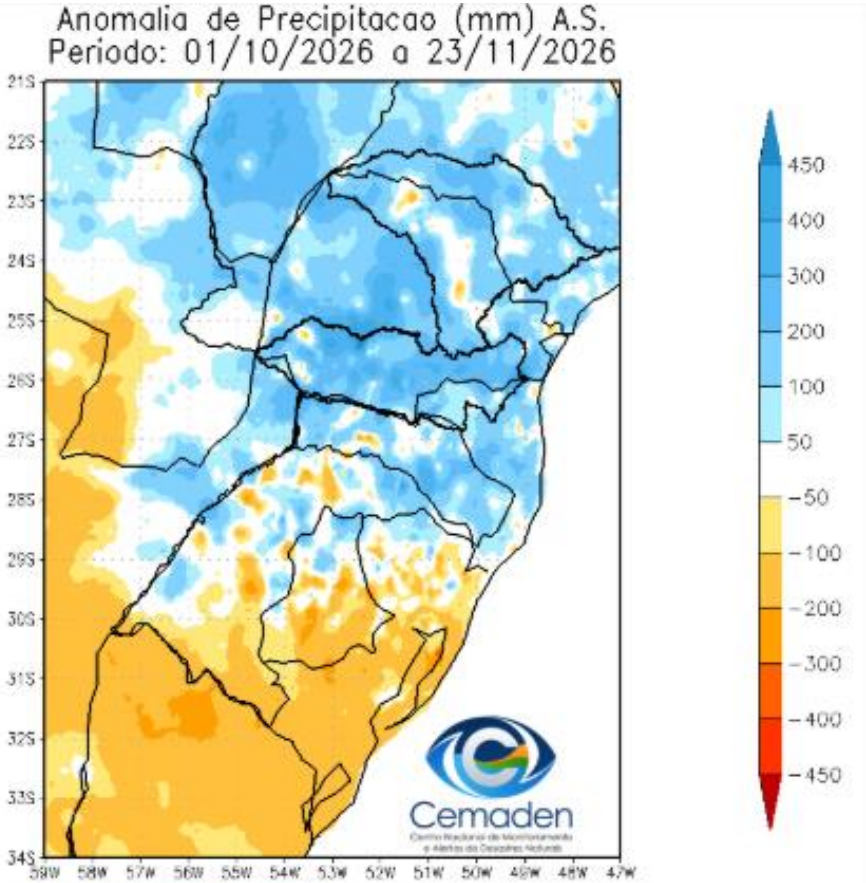
Chuva nos últimos 30 dias





Chuva no Ano Hidrológico

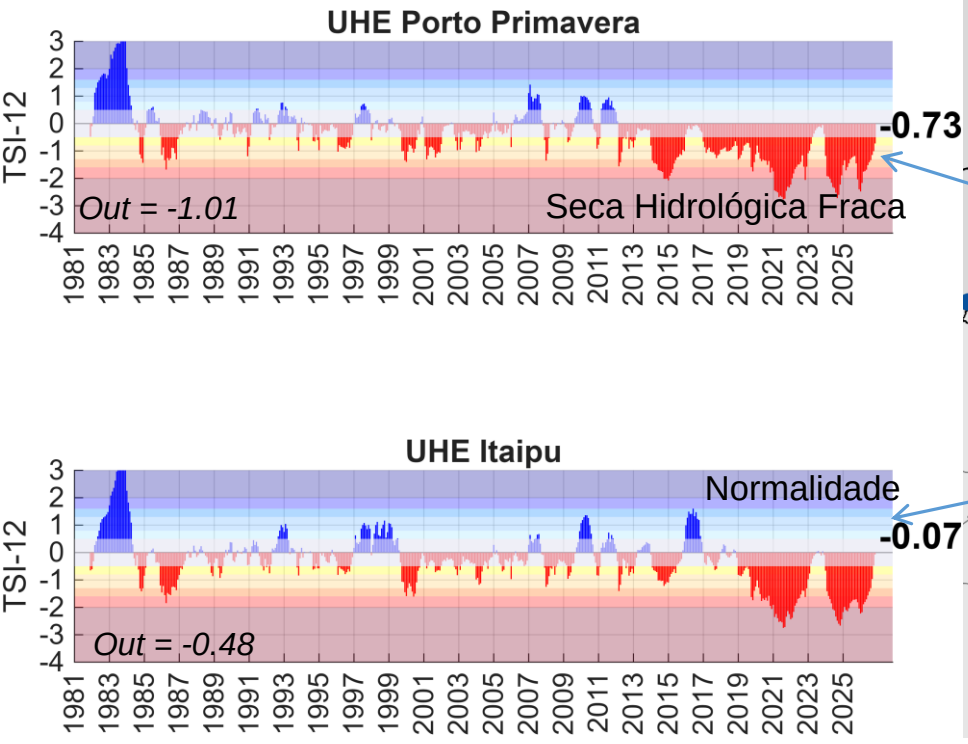


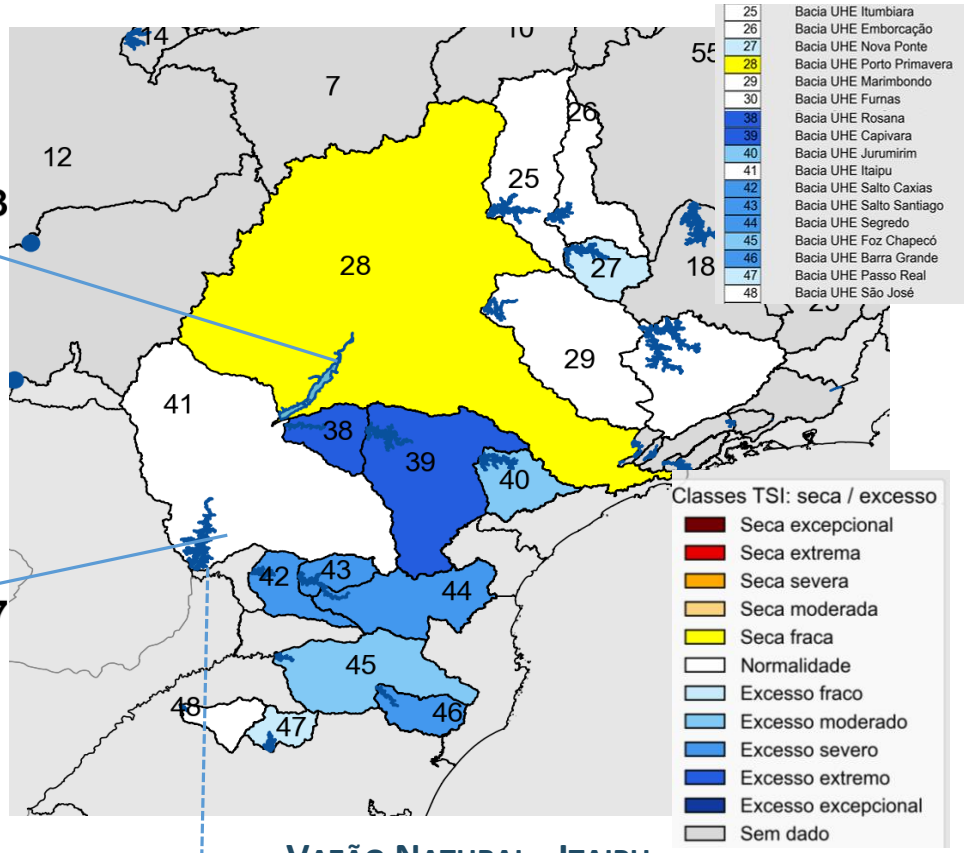


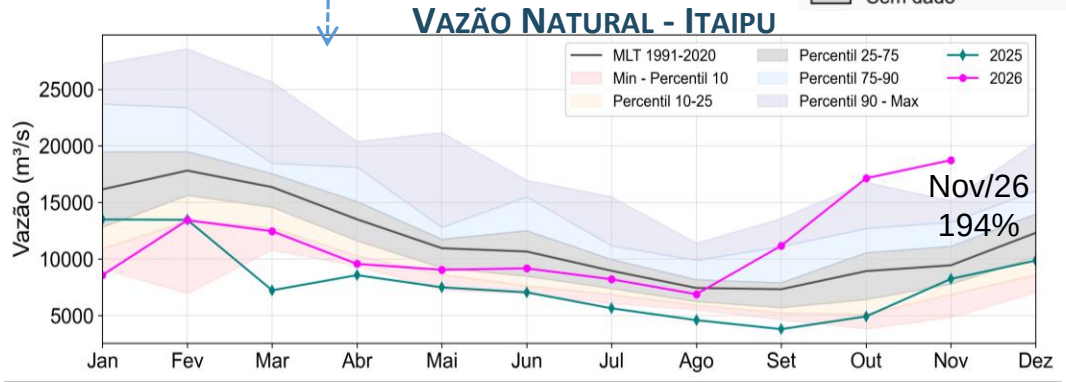
MÉDIO E BAIXO PARANÁ

Índice Bivariado **Chuva-Vazão** – TSI 12

Novembro 2026 - Parcial





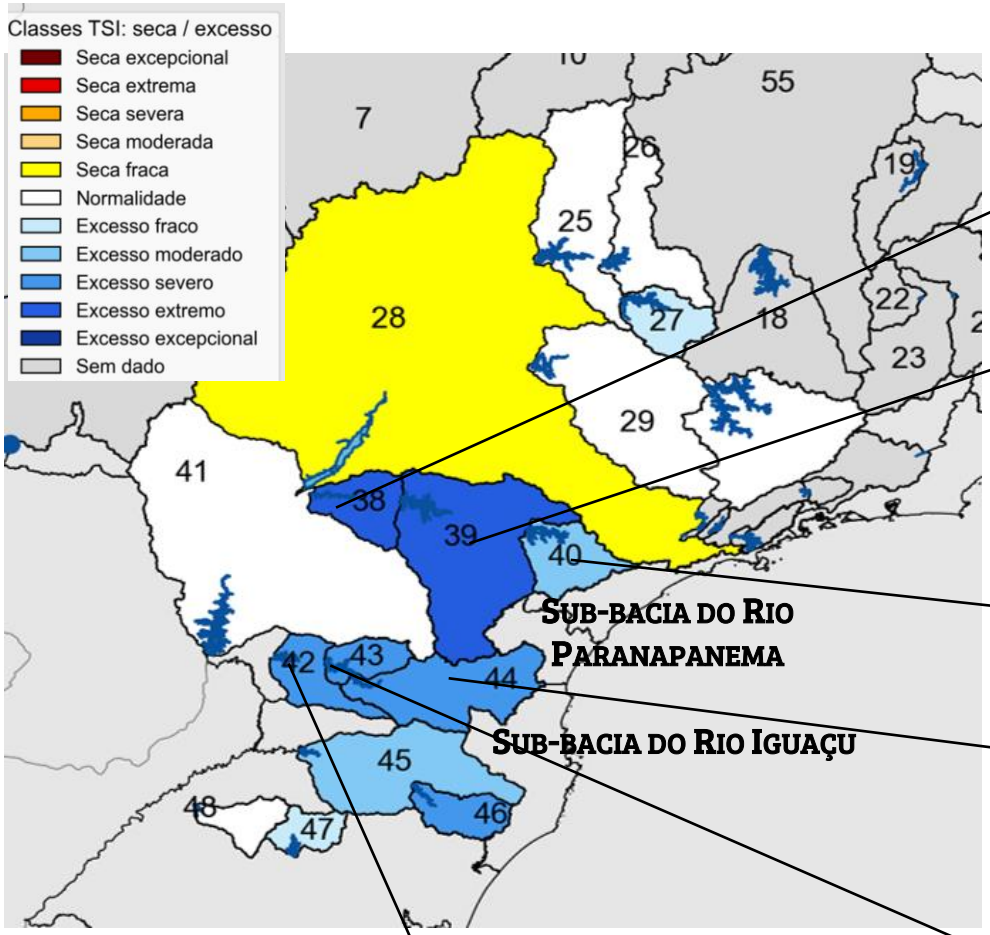


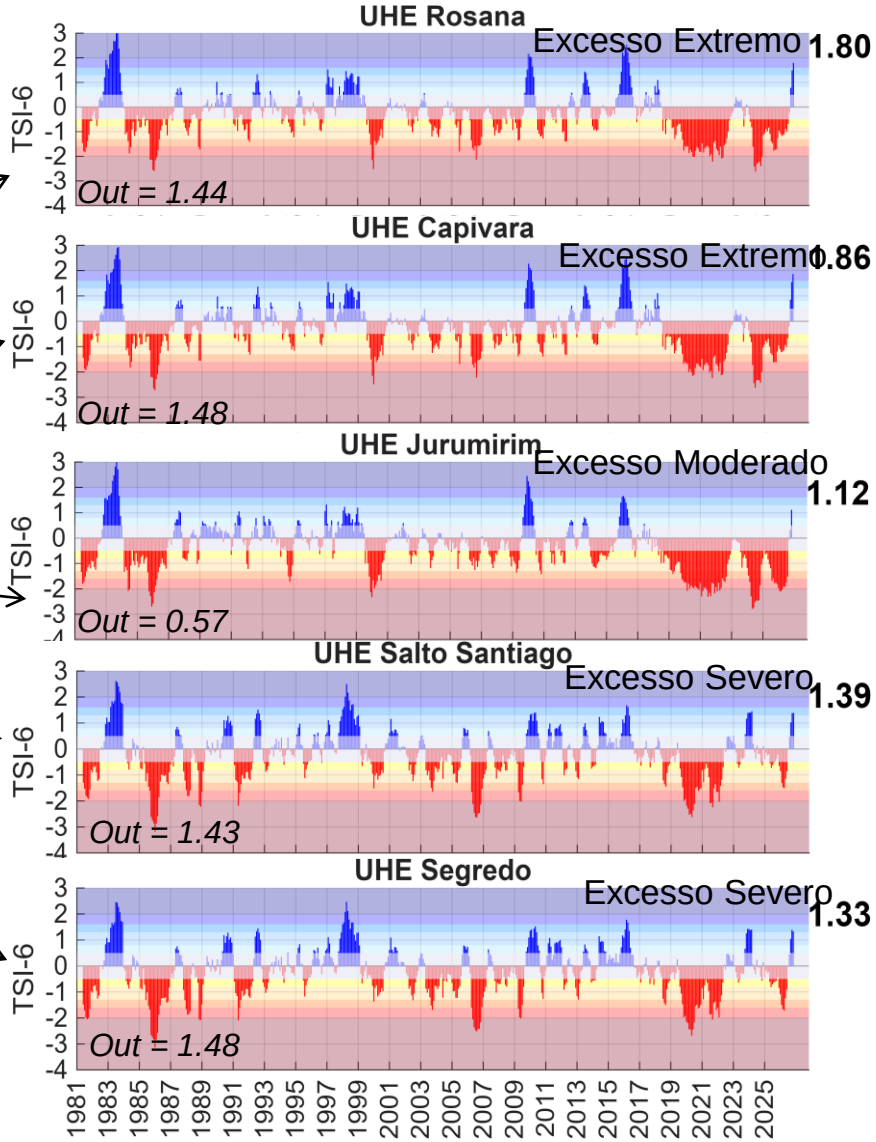
Fonte: CEMADEN/MCTI
Dados: Precipitação (CHIRPS) e Vazão (ONS e ANA) Período: Jan/1981 – Nov/2026

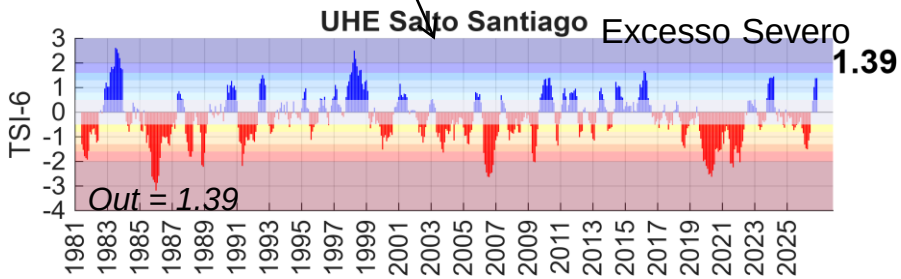
BACIAS PARANAPANEMA E IGUAÇU

Índice Bivariado **Chuva-Vazão** – TSI 6

Novembro 2026 - Parcial

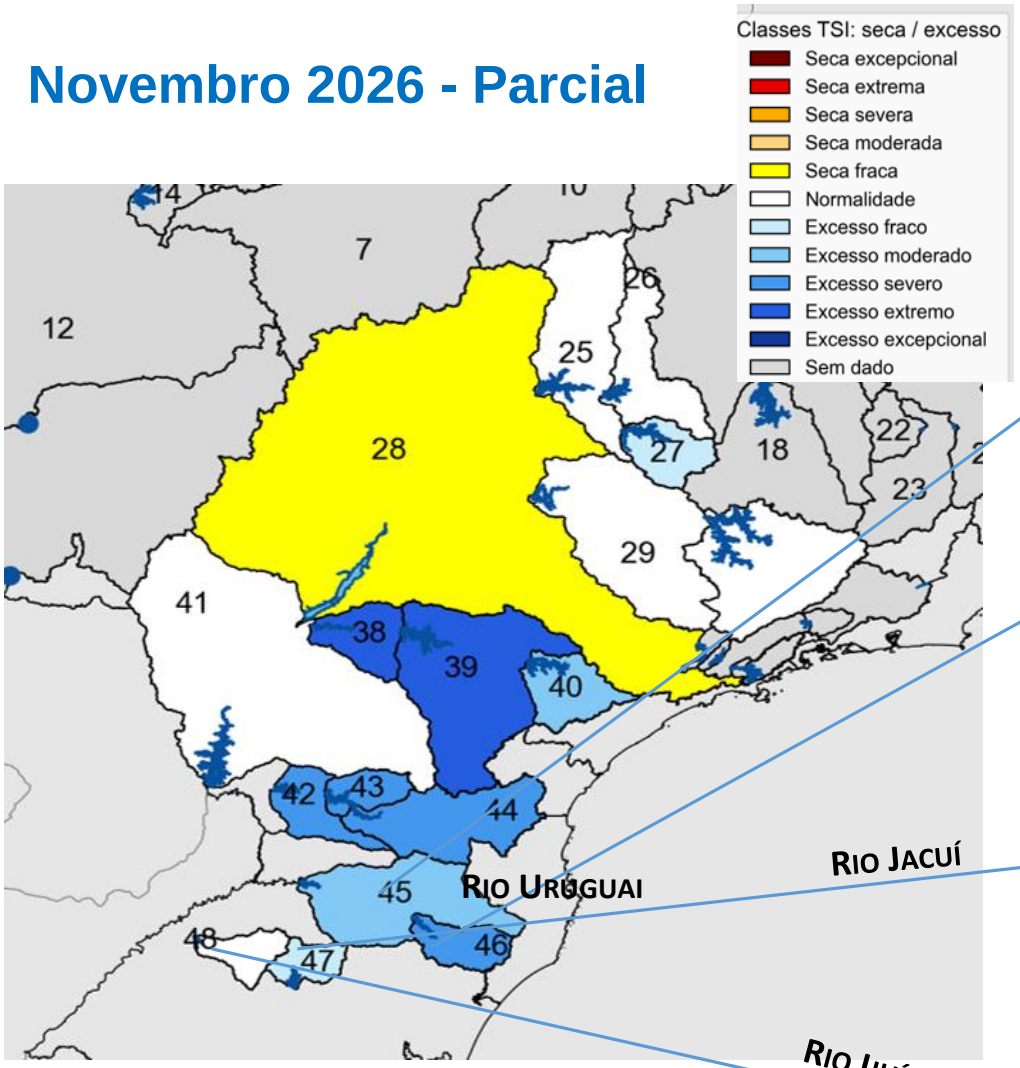




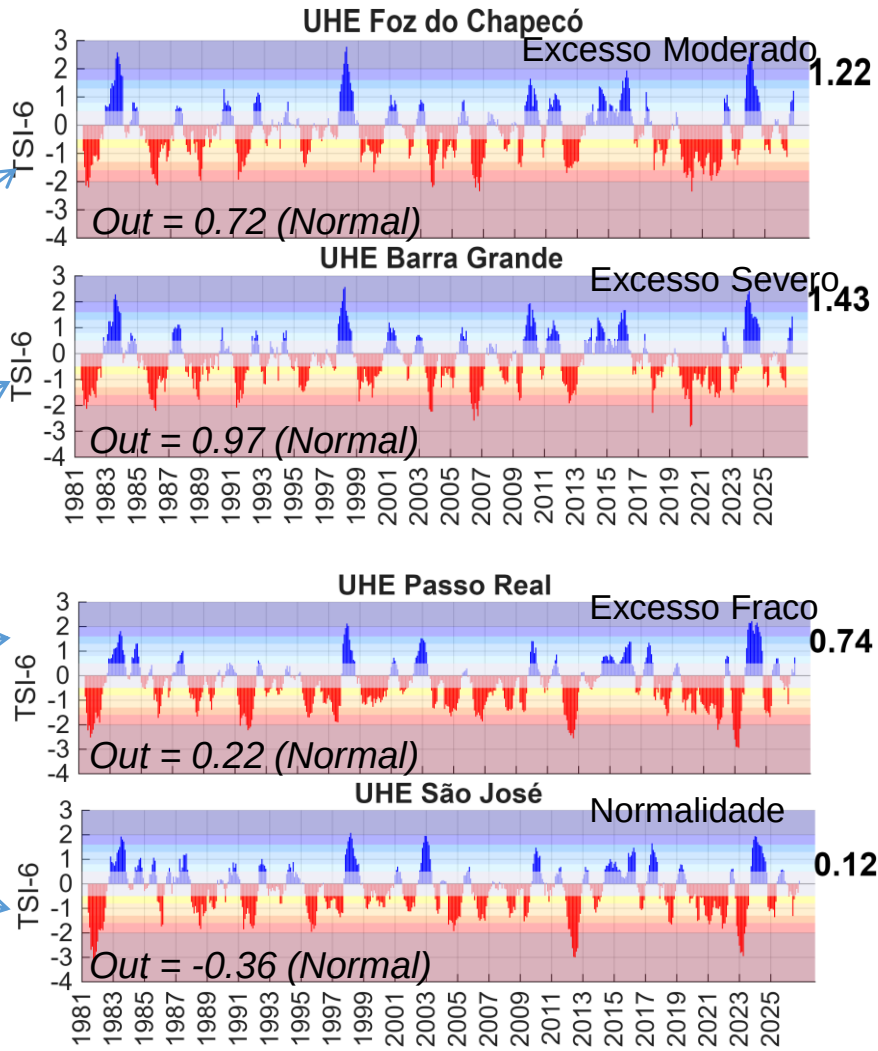


BACIAS DOS RIOS URUGUAI, JACUÍ E IJUÍ

Novembro 2026 - Parcial

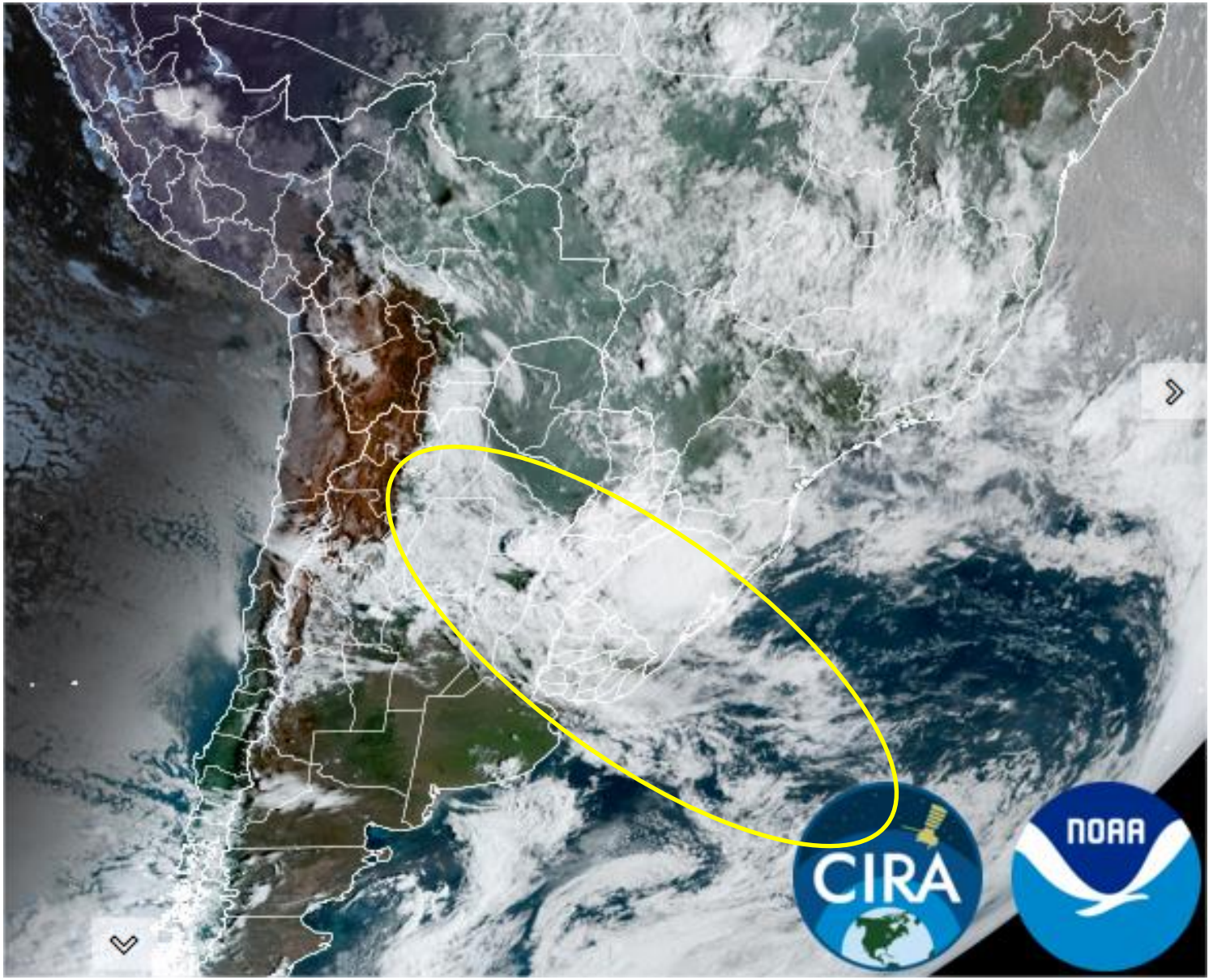


Índice Bivariado **Chuva-Vazão** – TSI-6

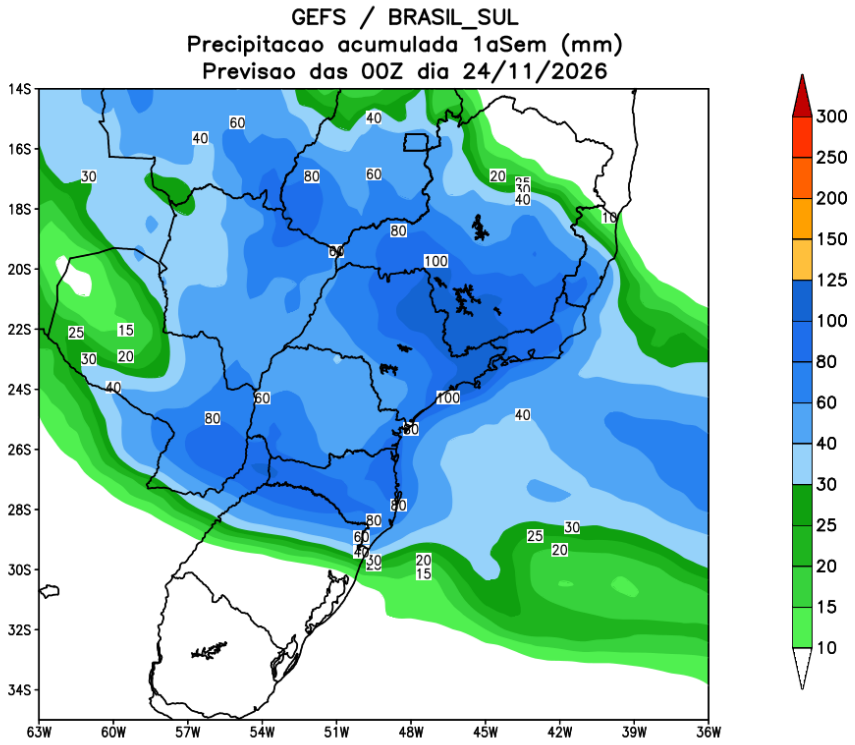


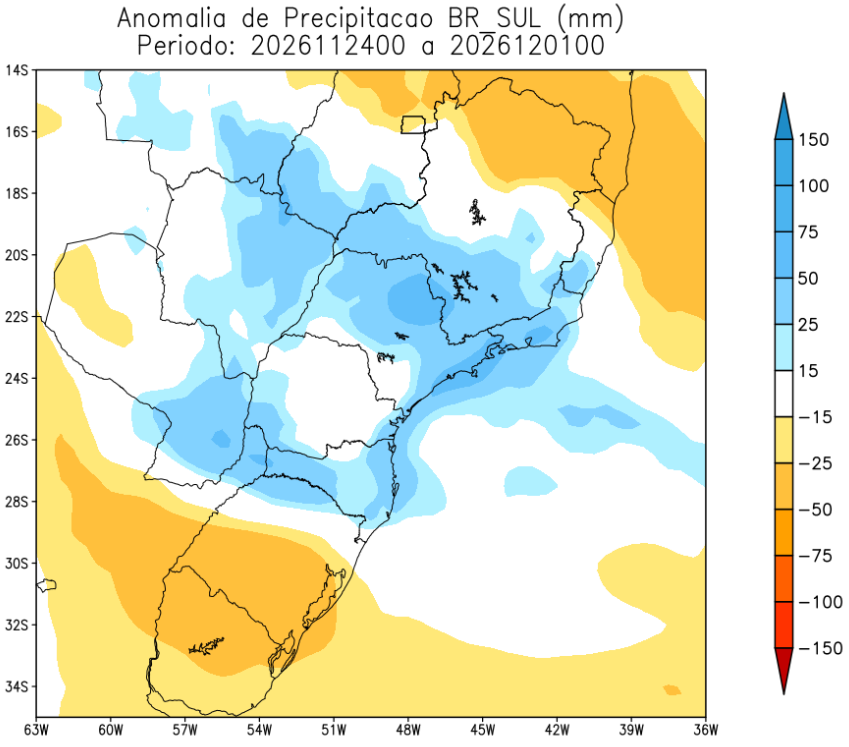
Fonte: CEMADEN/MCTI
Dados: Precipitação (CHIRPS) e Vazão (ONS e ANA) Período: Jan/1981 – Nov/2026

Situação Meteorológica Atual



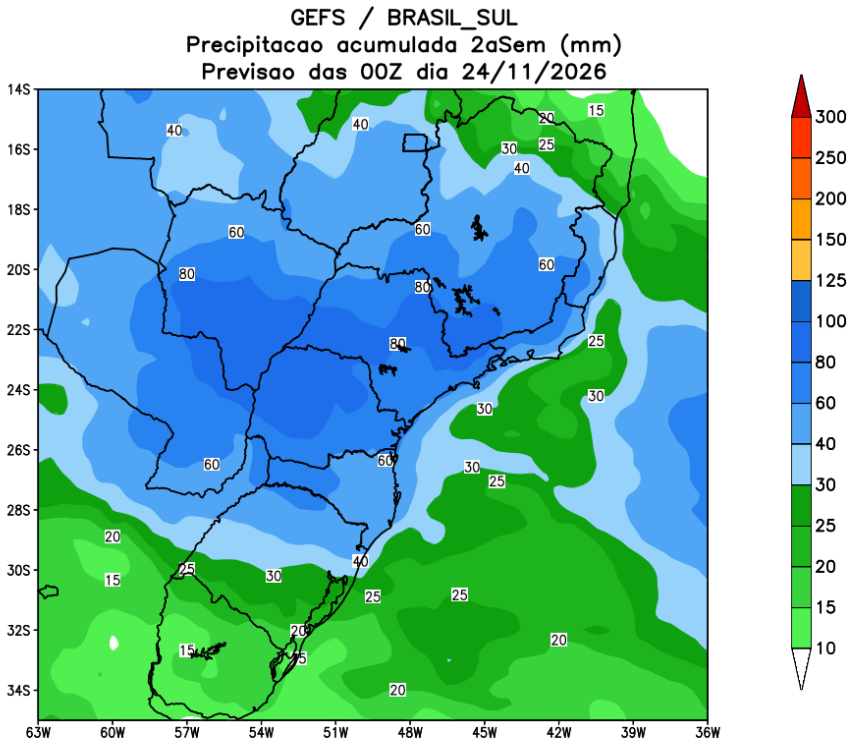
Previsão de chuva: Primeira Semana

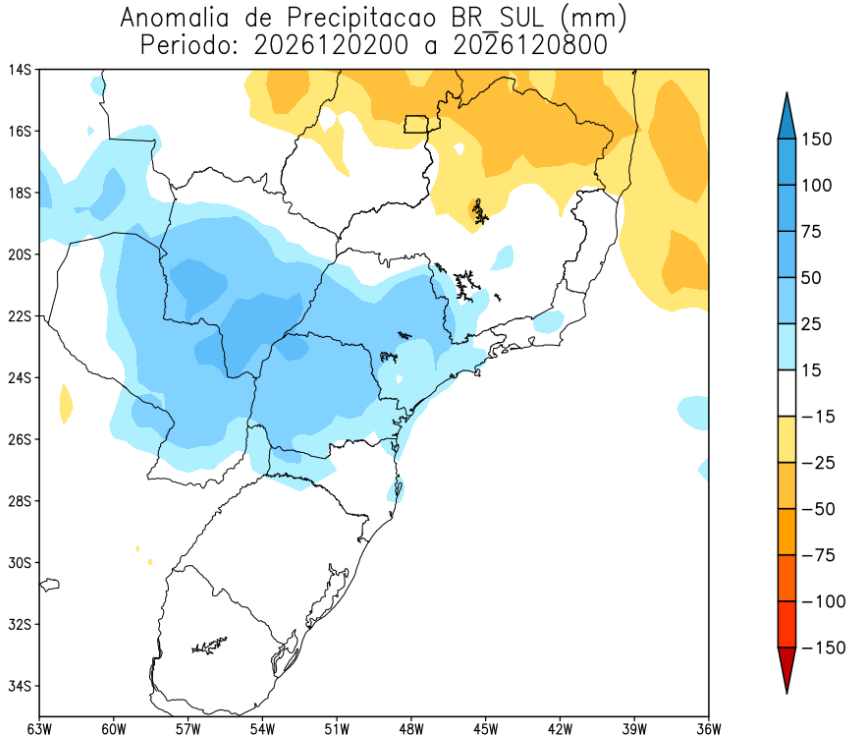




MODELO GEFS

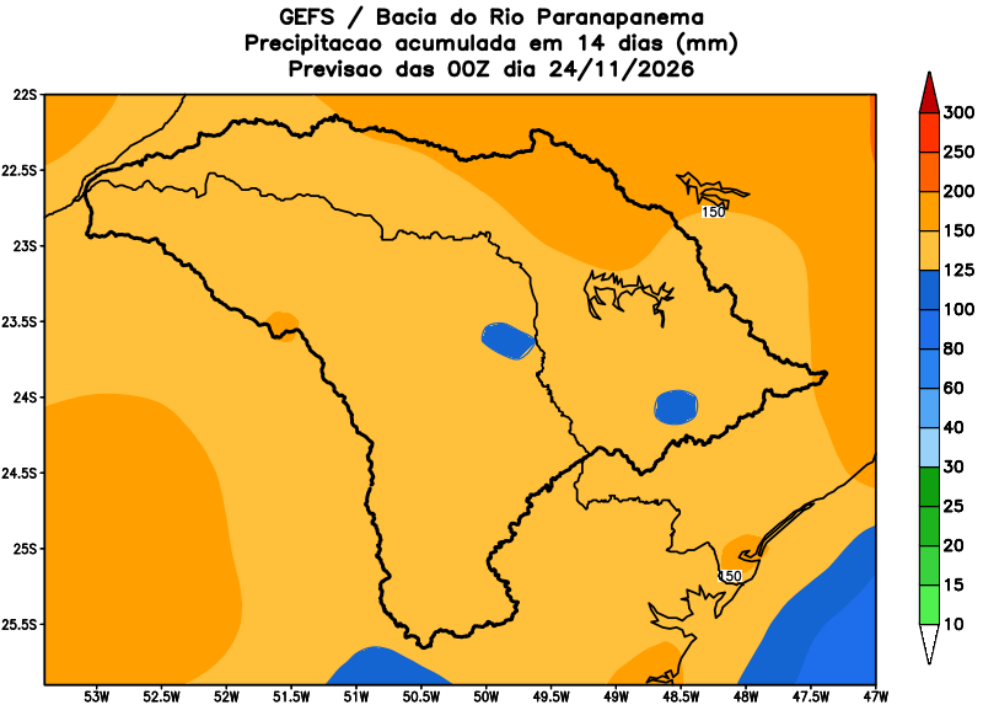
Previsão de chuva: Segunda Semana

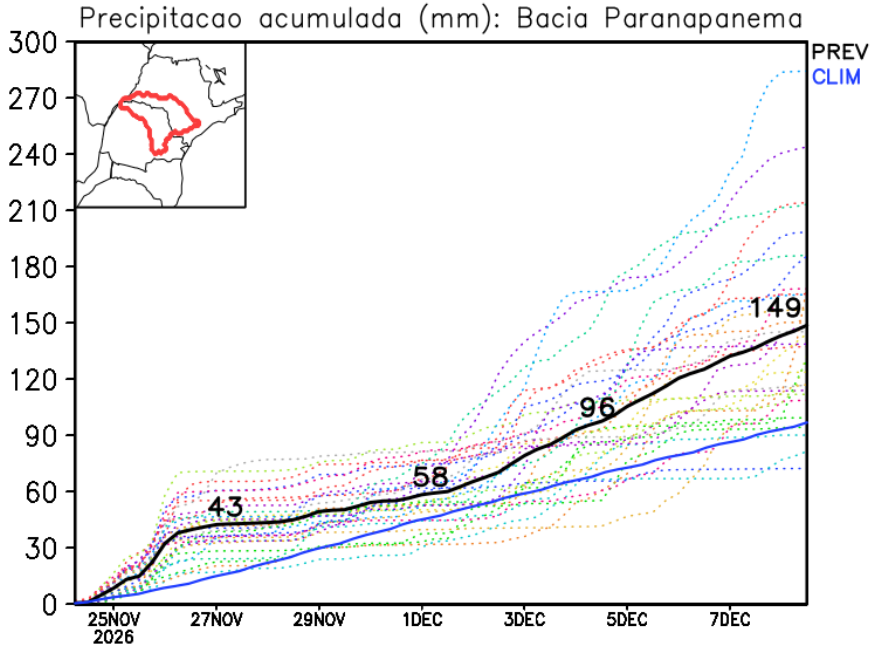




MODELO GEFS

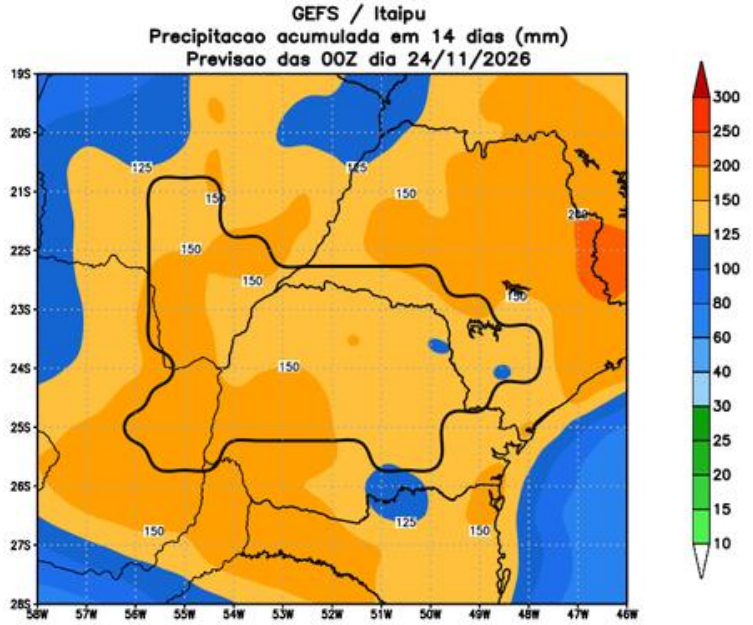
Previsão de chuva
bacia do Rio Paranapanema

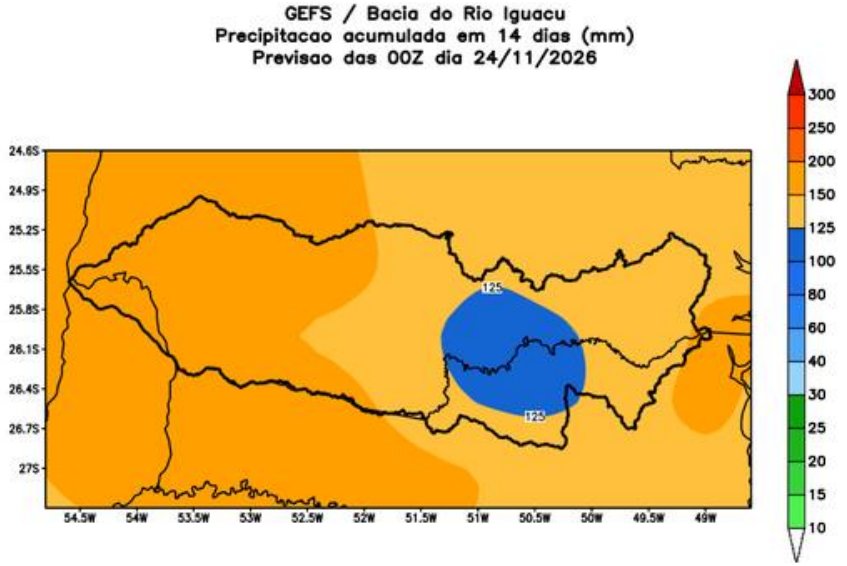


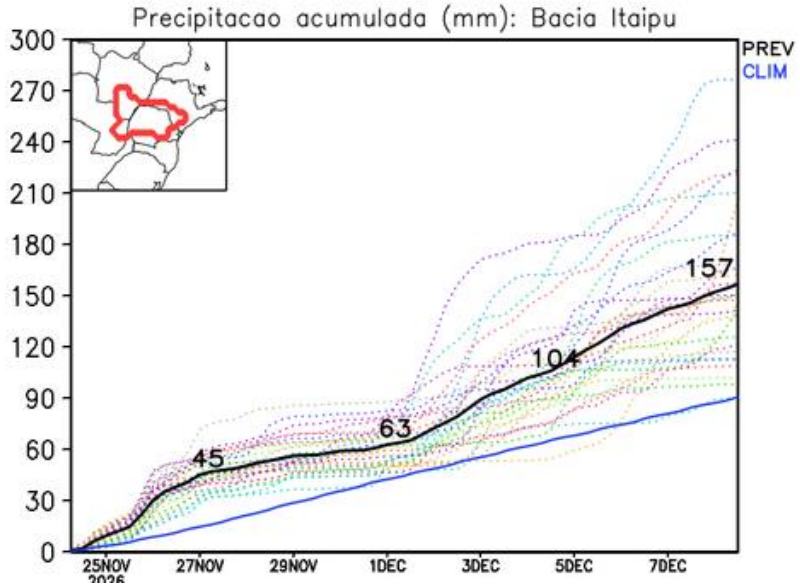


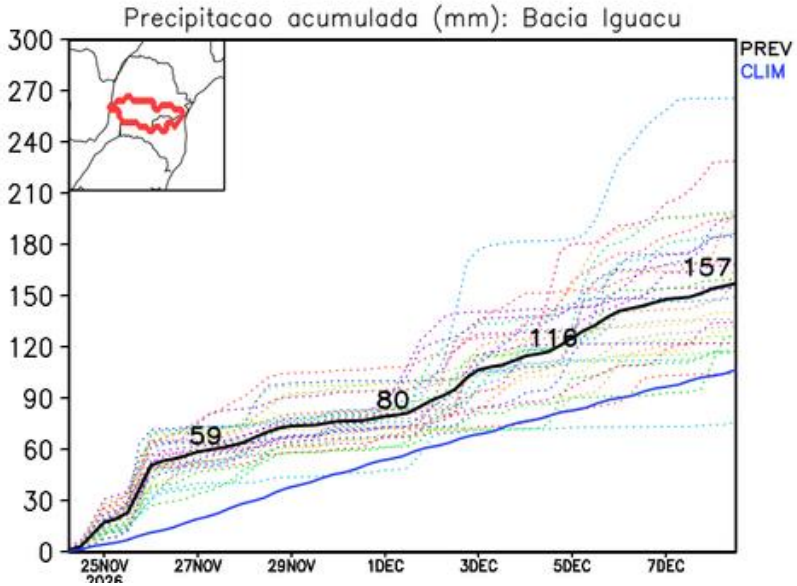
MODELO GEFS

Previsão para as principais bacias



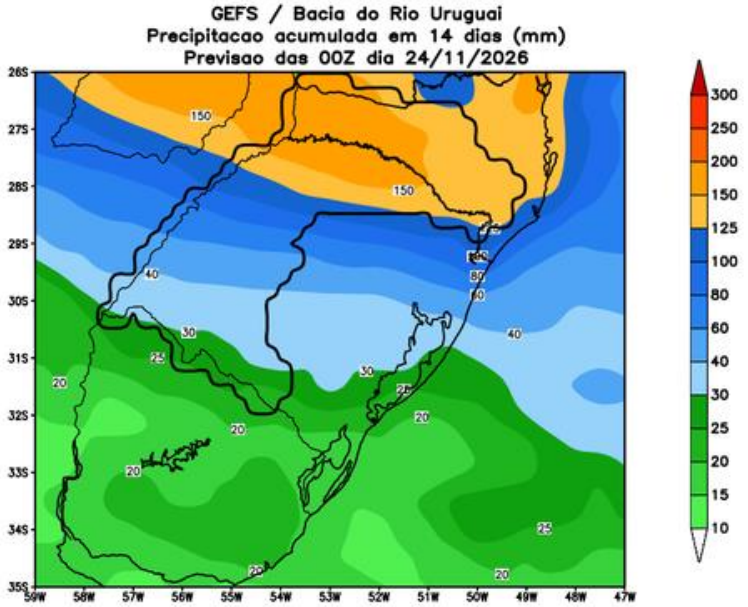


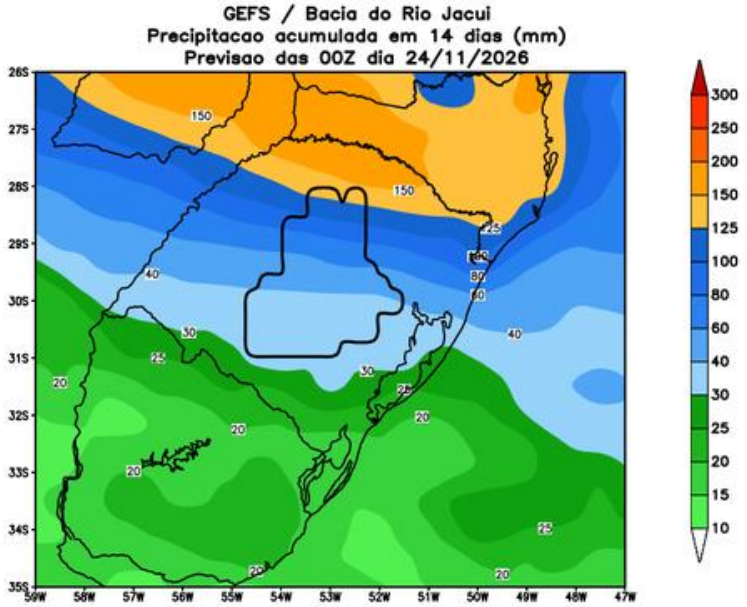


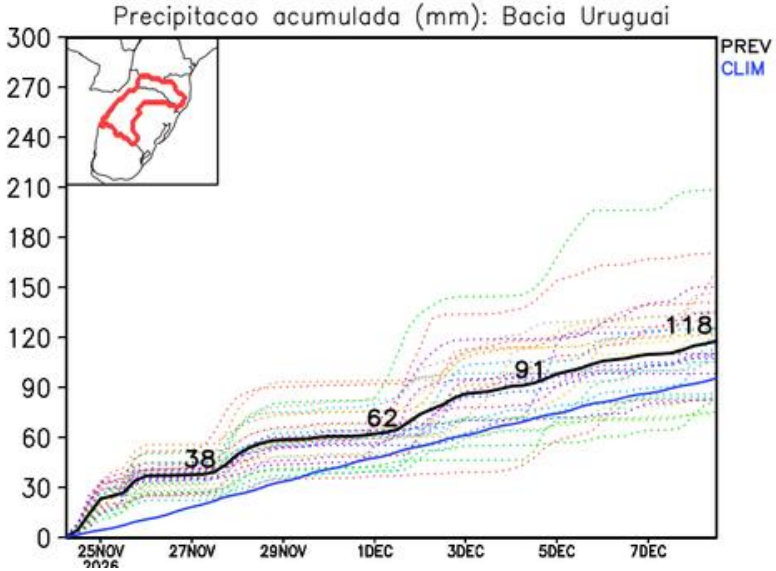


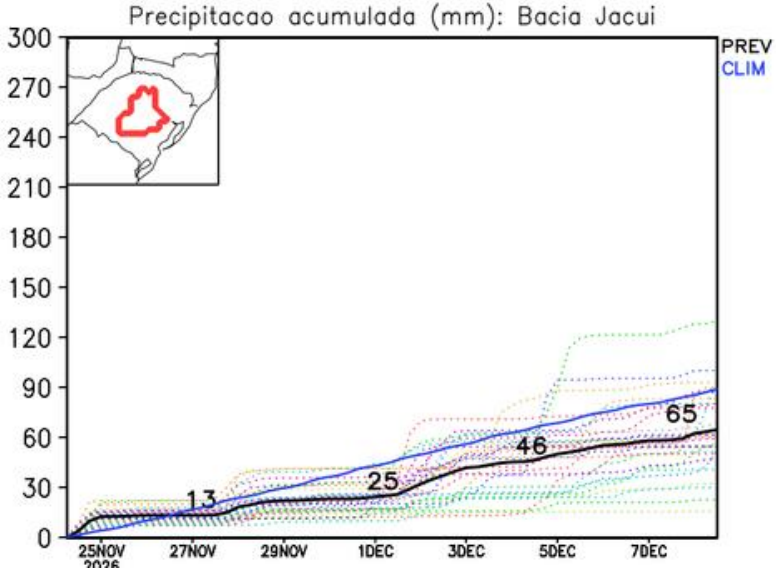
MODELO GEFS

Previsão para as principais bacias









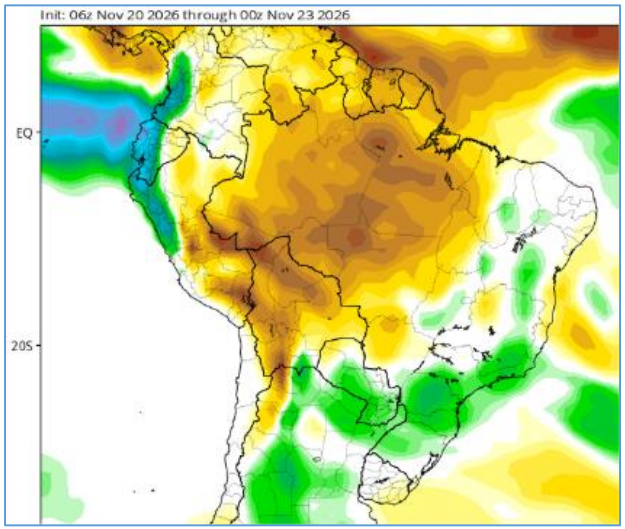
MODELO GEFS

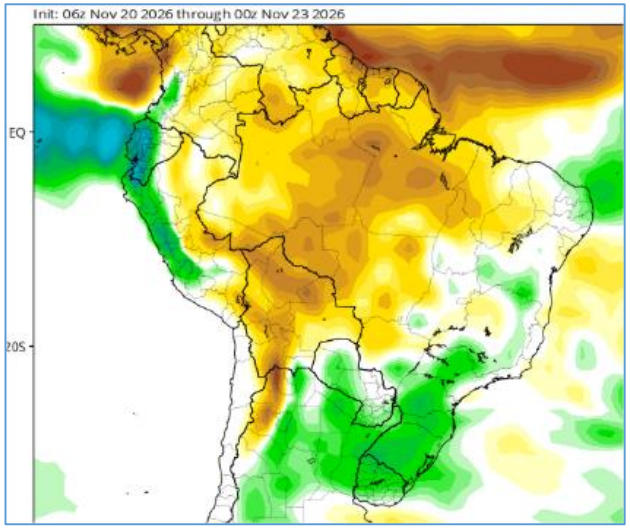
Tendência 3a e 4a semanas

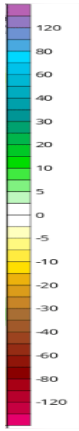
07-14 Dez

14-21 Dez

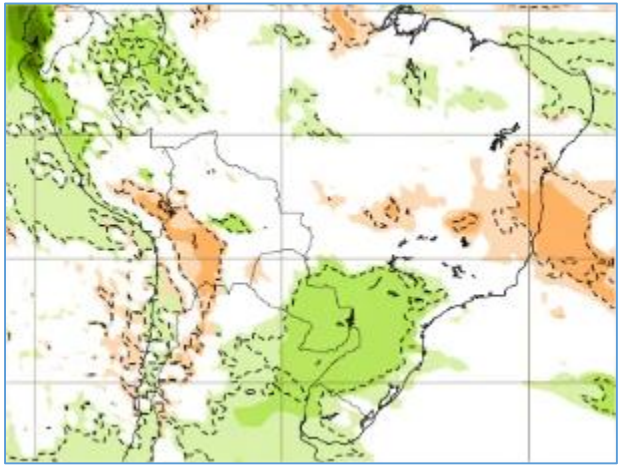
CFS/NOAA

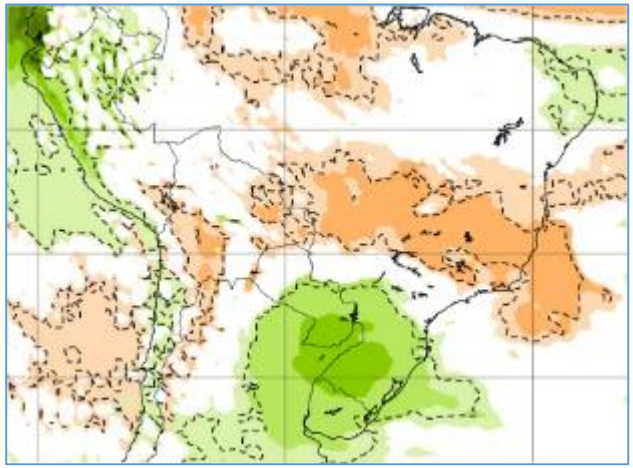






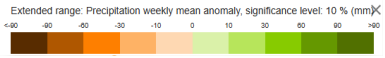
ECMWF





07-14 Dez

14-21 Dez

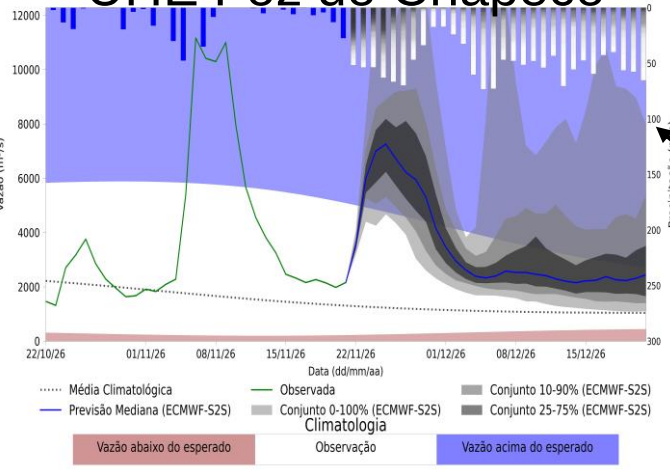


MODELO HIDROLÓGICO - MHD

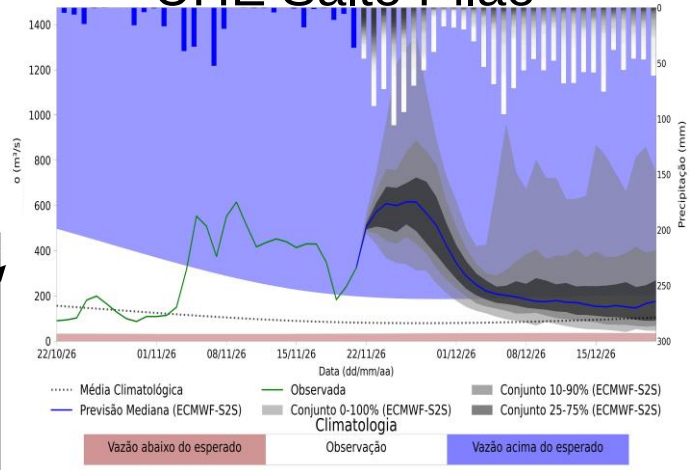
Previsão de vazão natural na Região Sul (30 dias)

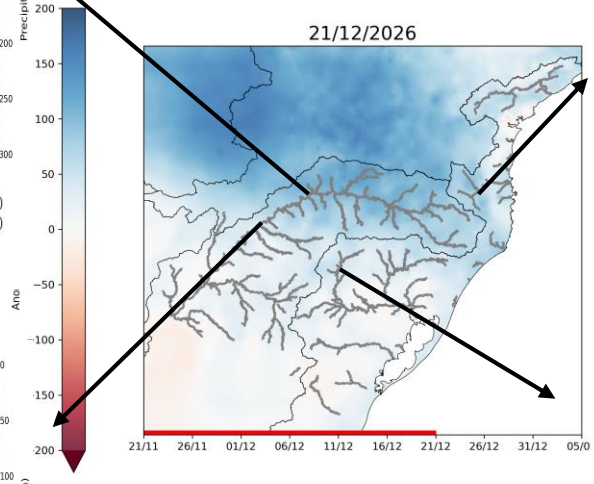
PREVISÃO: 21/11/26 a 21/12/26

UHE Foz do Chapecó

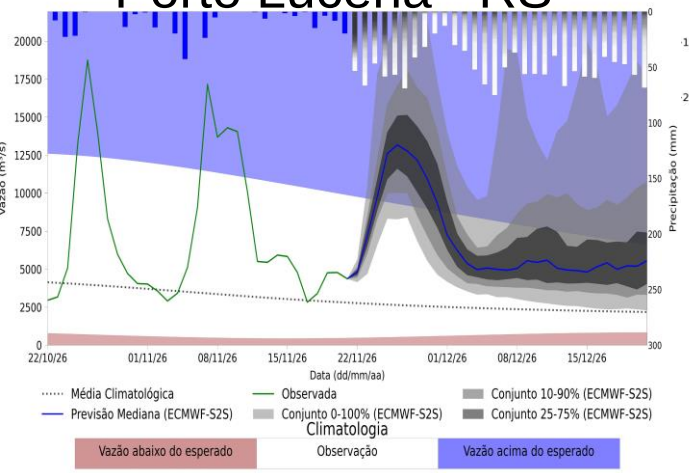


UHE Salto Pilão

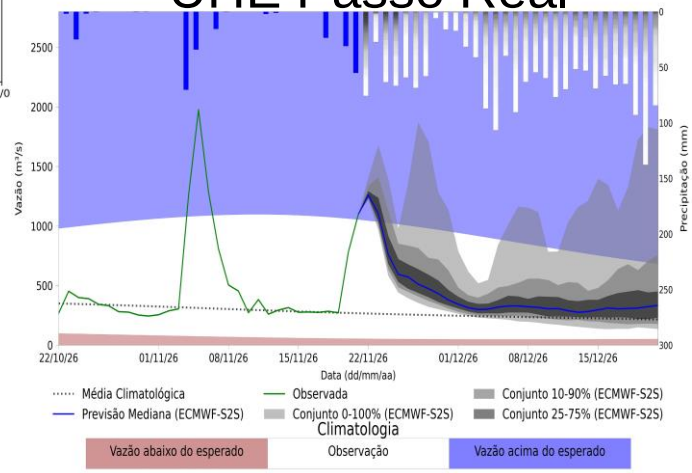




Porto Lucena - RS

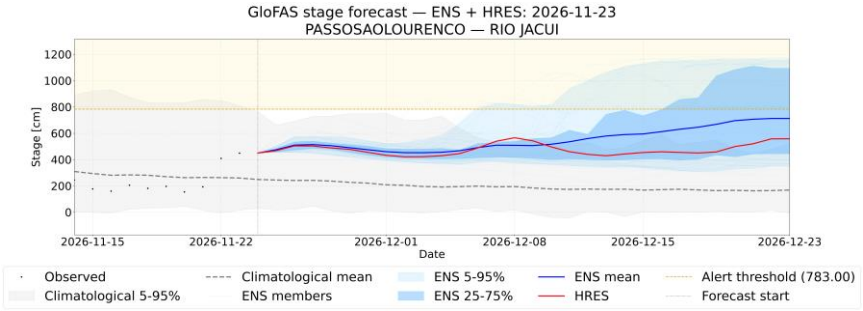


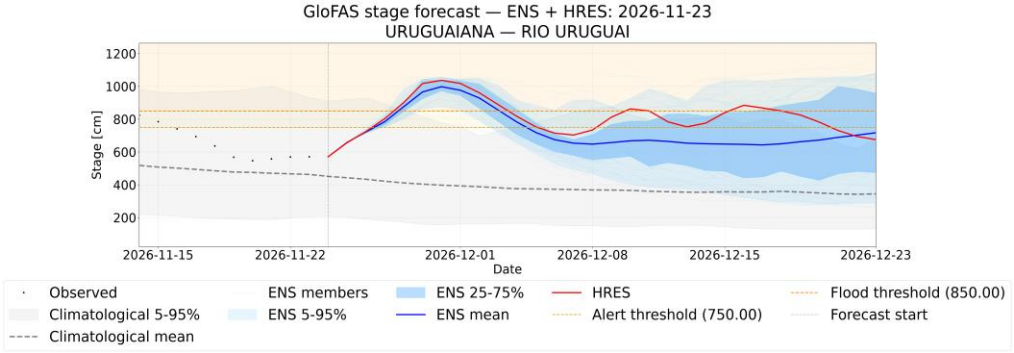
UHE Passo Real

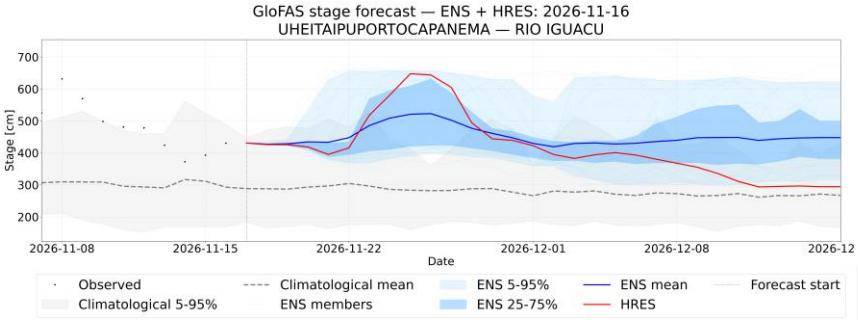


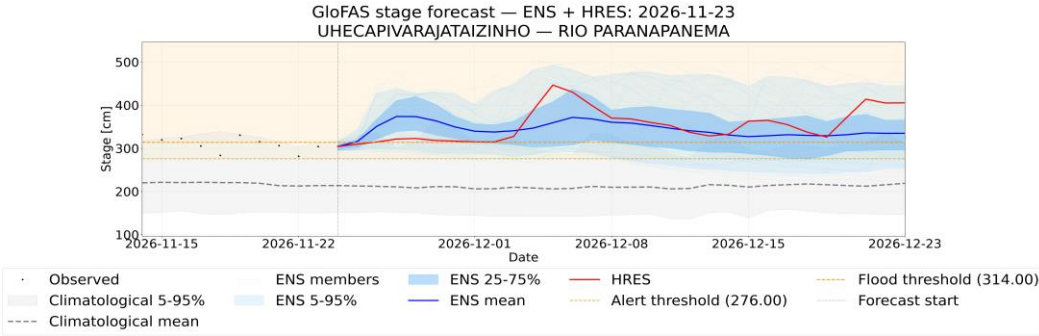
Fonte: Meteorologia (INMET/MERGE); Vazão (ANA/ONS); MLT: 2003-2024;Previsão Meteorológica: ECMWF-S2S

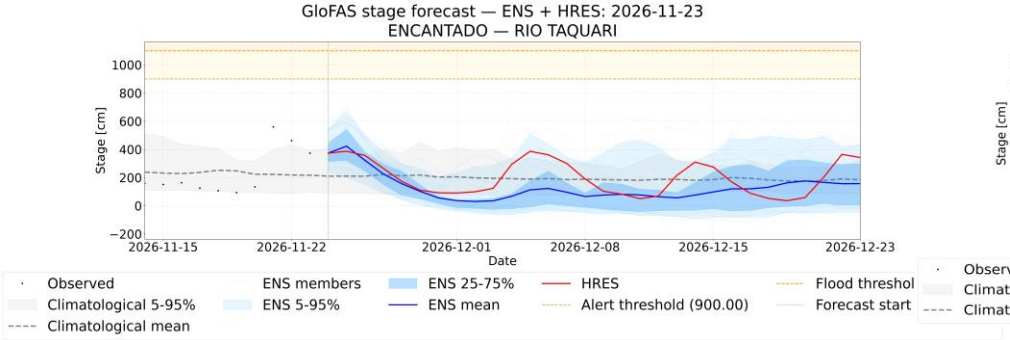
Previsão de cotas entre 23/11 à 23/12 - GloFAS

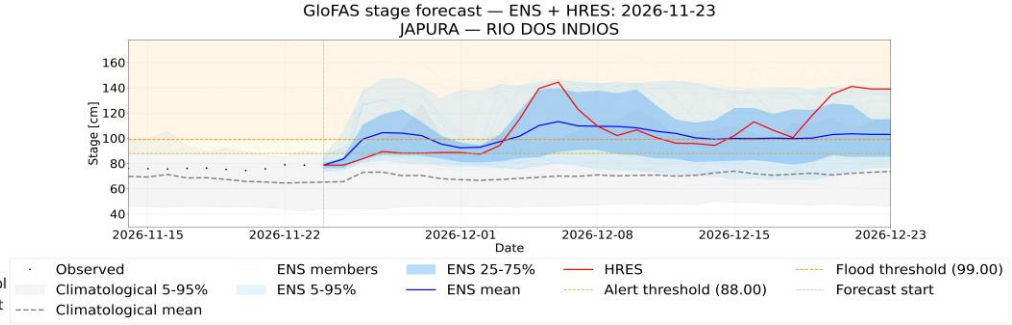












Fonte: Previsão Meteorológica: ECMWF
Previsão de vazão: Lisflood/GloFAS Forecast
https://www.globalfloods.eu/glofas-forecasting/

Cemaden

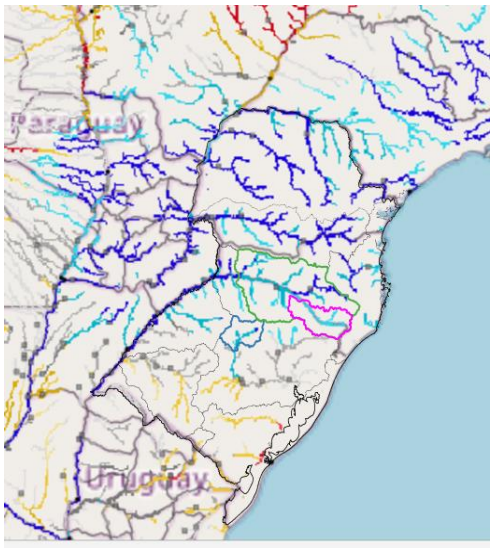
ANA
AGÊNCIA NACIONAL DE ÁGUAS E SANEAMENTO BÁSICO

Previsão Sub-sazonal (45 dias) de vazões naturais - (GloFAS)

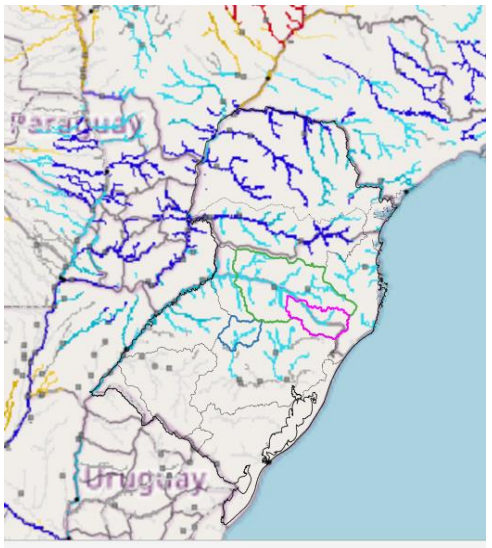
Semana 23/11



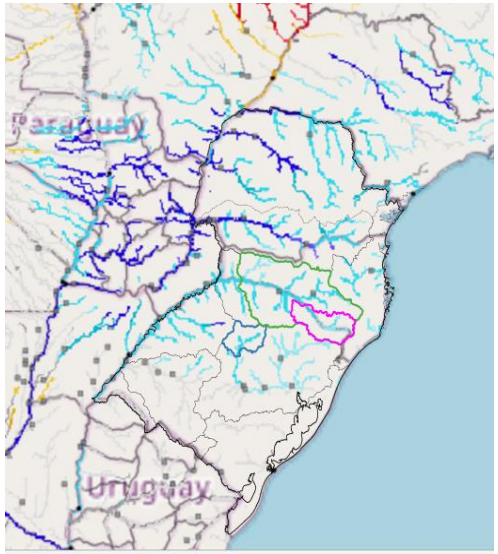
Semana 30/11



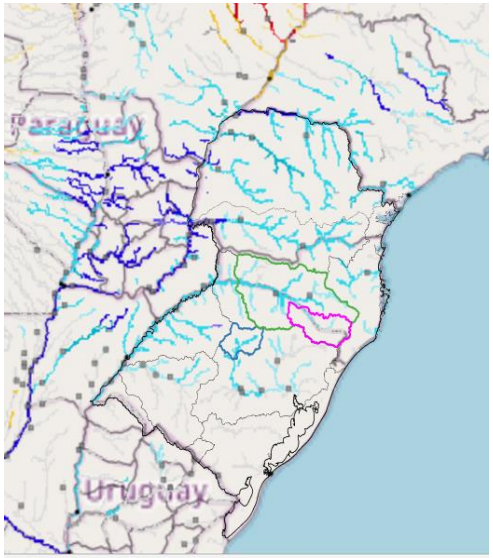
Semana 07/12



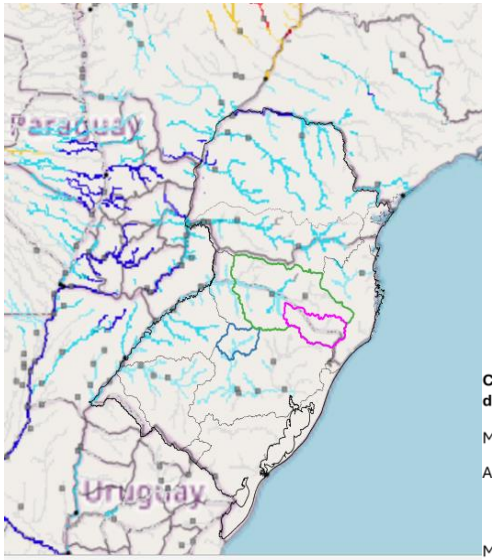
Semana 14/12



Semana 21/12



Semana 28/12



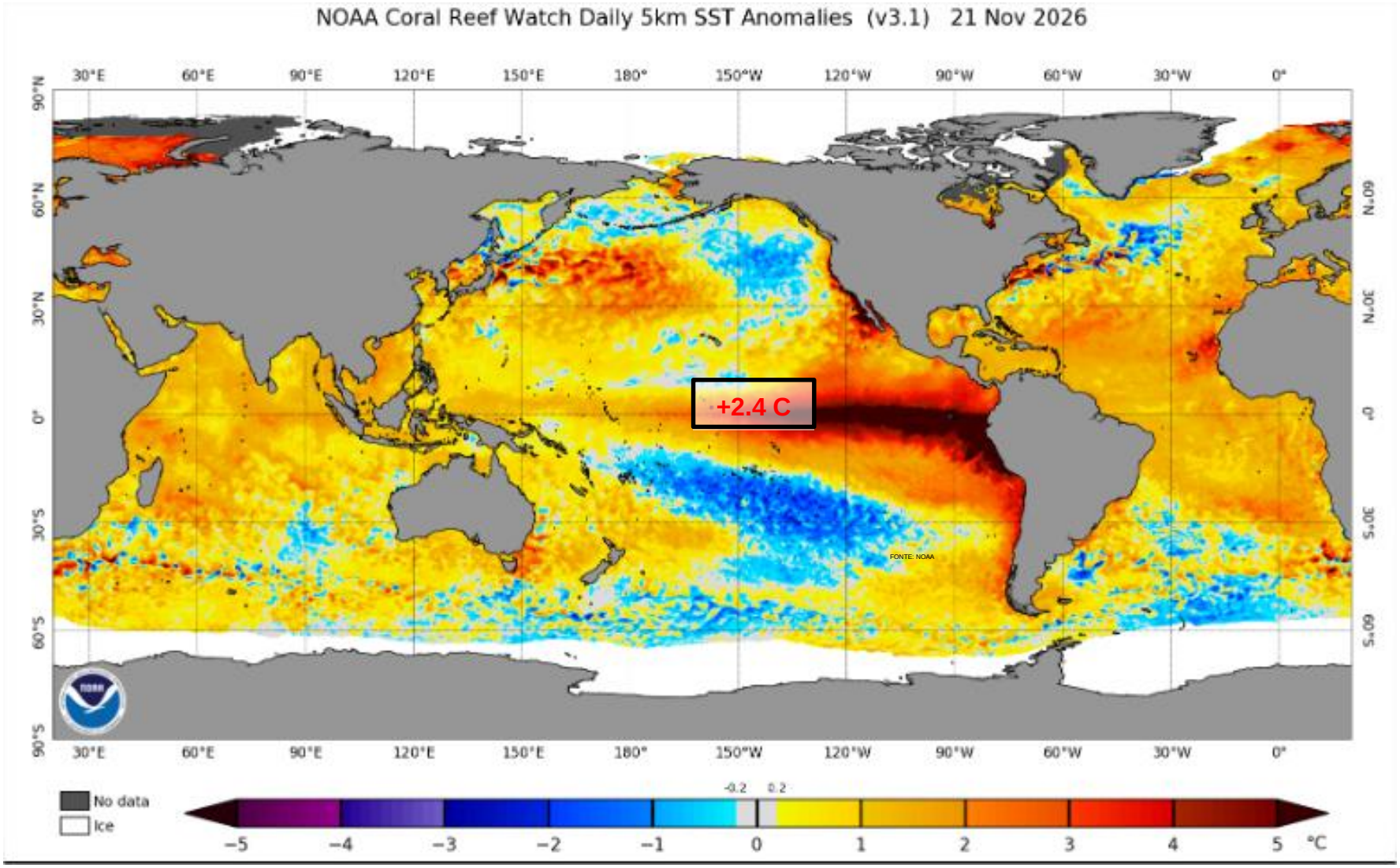
Bacia UHE Barra Grande
Bacia UHE Foz Chapeco
Bacia UHE Passo Real
Bacias Hidrográficas
Região Sul

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)			

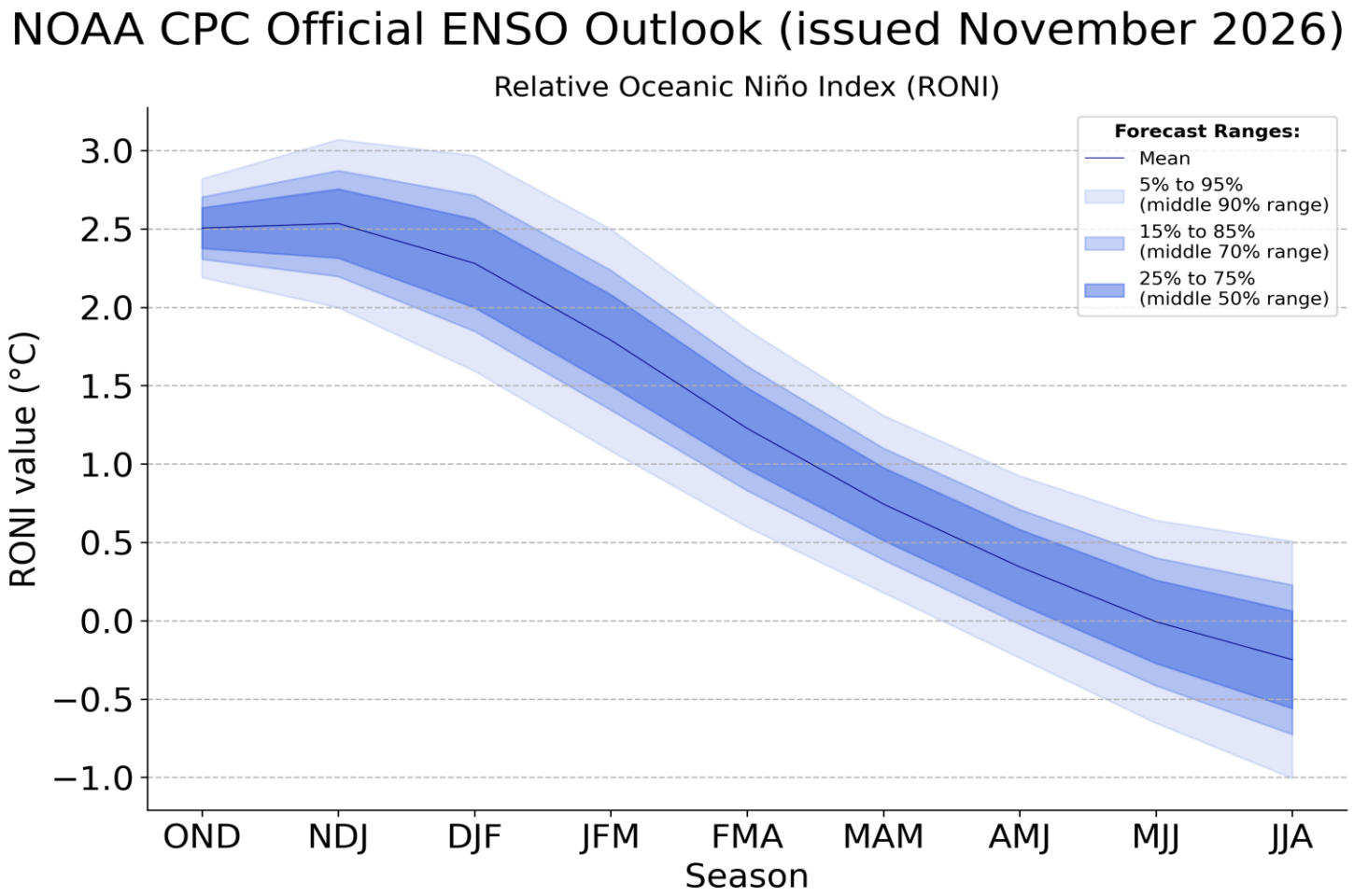
Fonte: Previsão Meteorológica: ECMWF
Previsão de vazão: Lisflood/GloFAS Forecast
https://www.globalfloods.eu/glofas-forecasting/

Cemaden

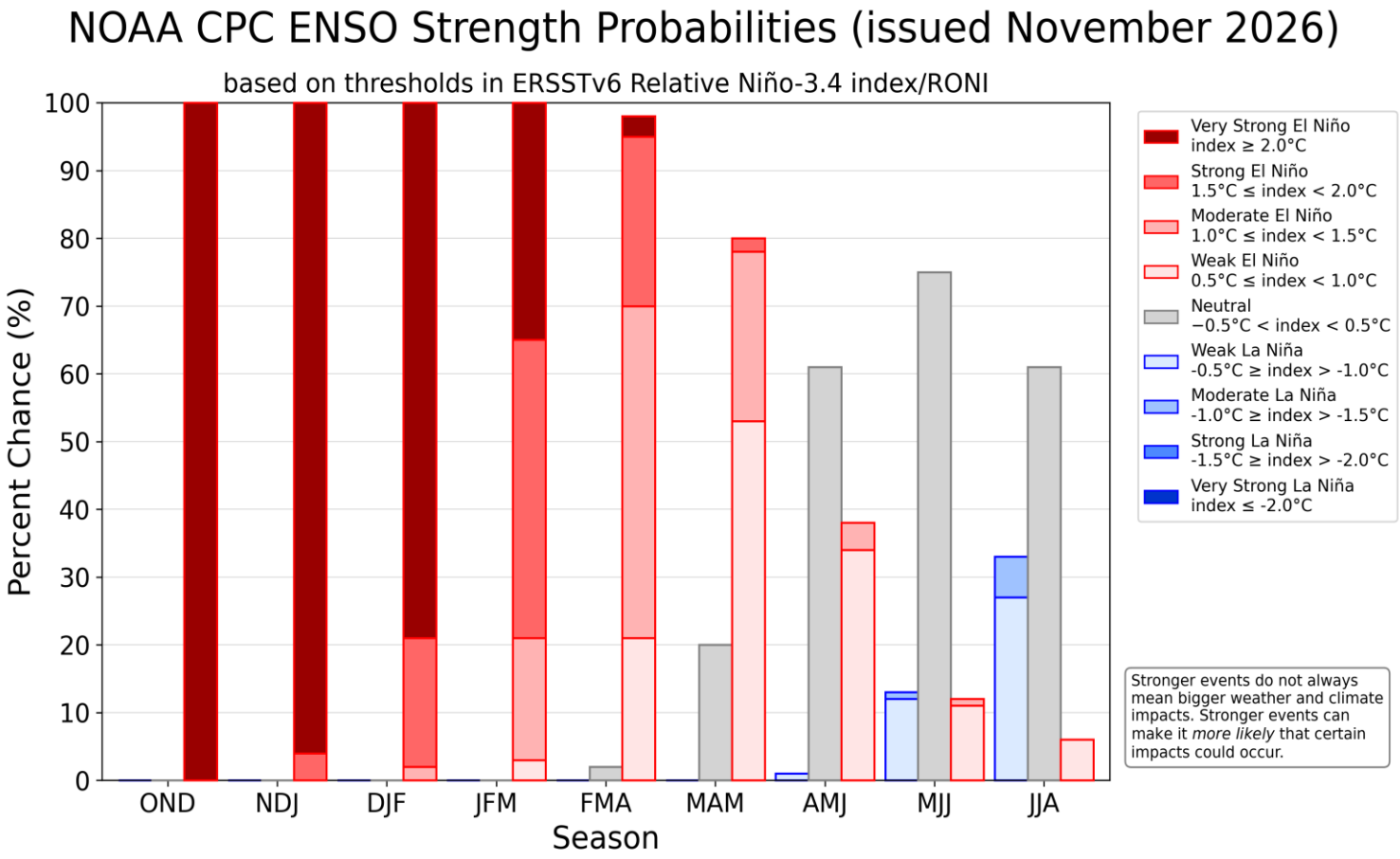
Status Atual: **El Niño**



Previsão da Intensidade do “ENSO”

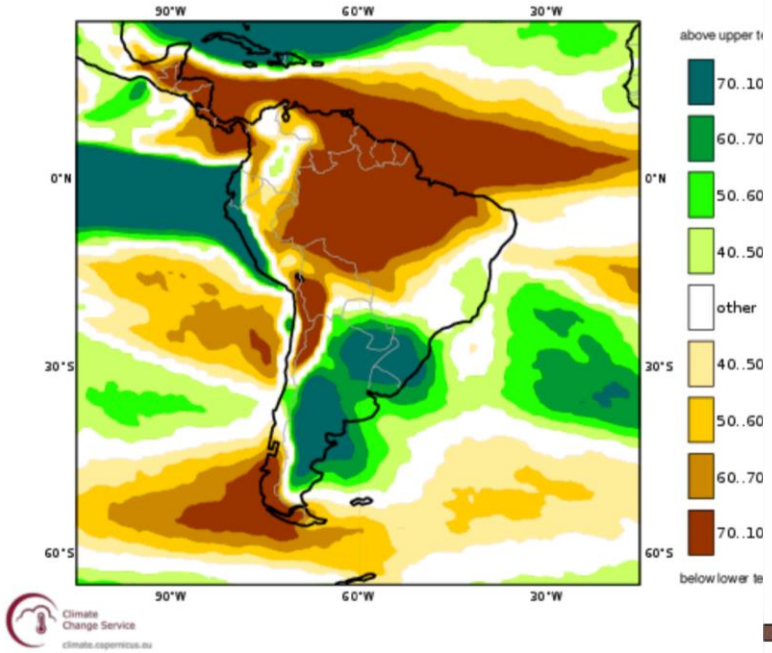


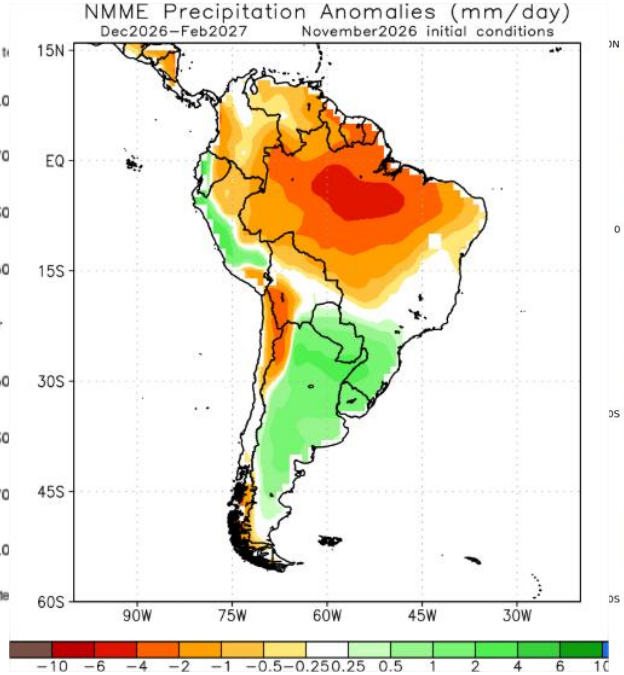
Previsão da intensidade do “El Niño”

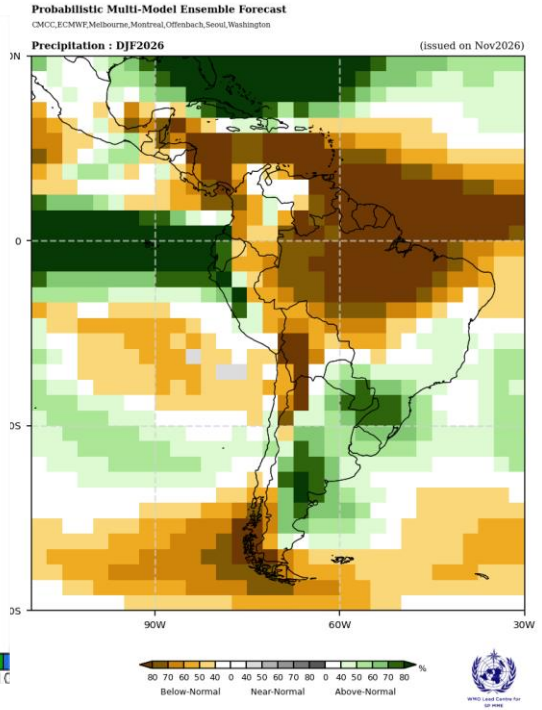


Previsão Sazonal de Chuva Multi-Modelo

Dezembro-Janeiro-Fevereiro







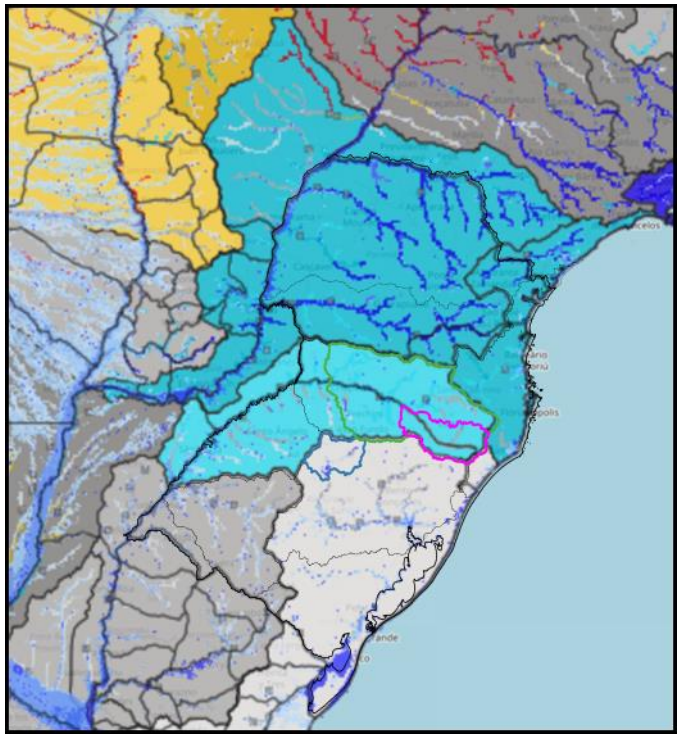
Modelos “Europeus”

Modelos Norte Americanos

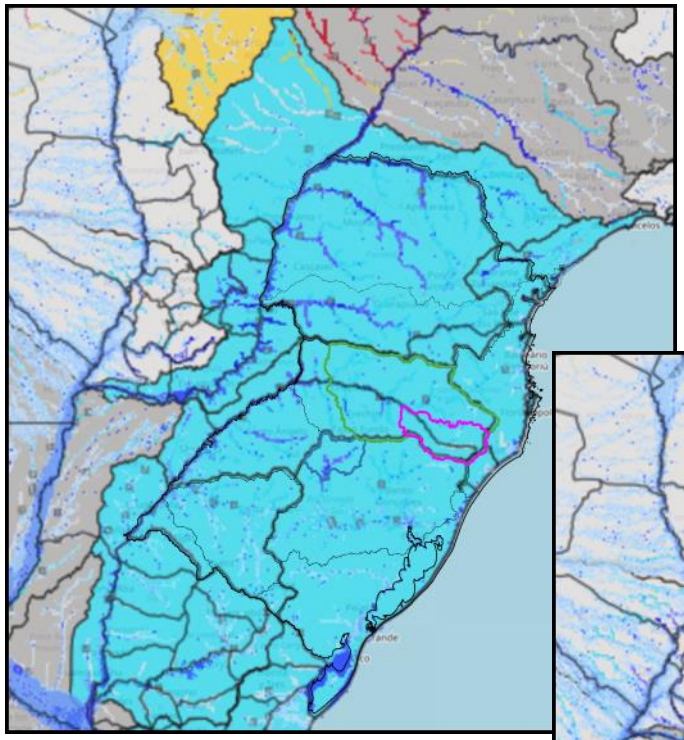
Modelos da WMO

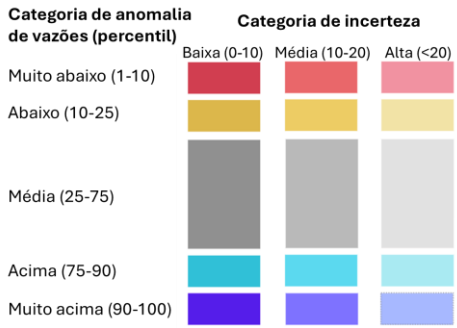
Previsão Sazonal de vazões naturais - (GloFAS)

Dezembro

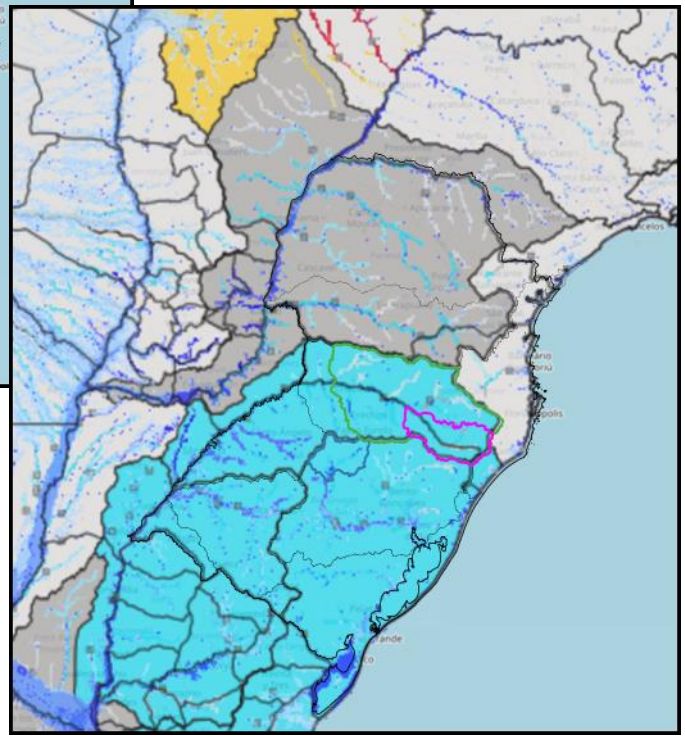


Janeiro

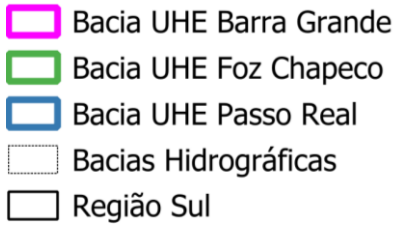




Fevereiro



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



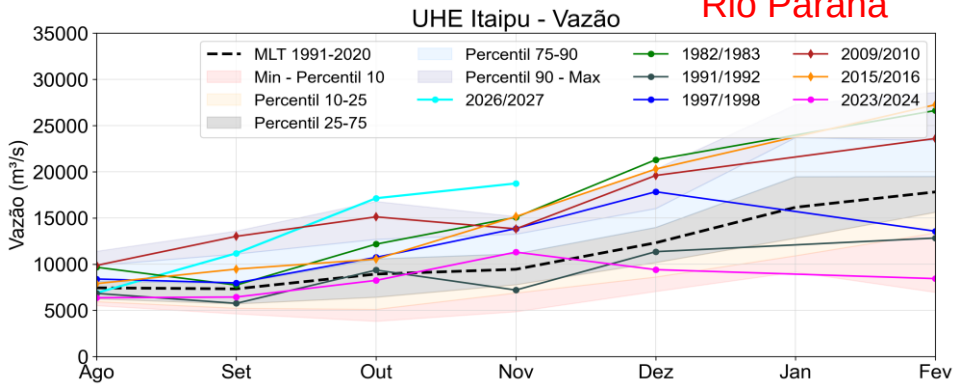
Cemaden

Anos Análogos de El Nino

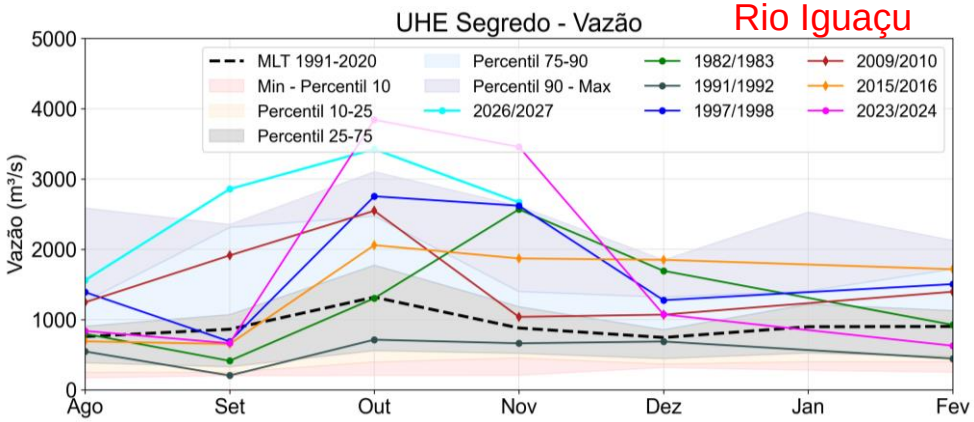
Trimestre DJF

- 1982/1983
- 1991/1992
- 1997/1998
- 2009/2010
- 2015/2016
- 2023/2024

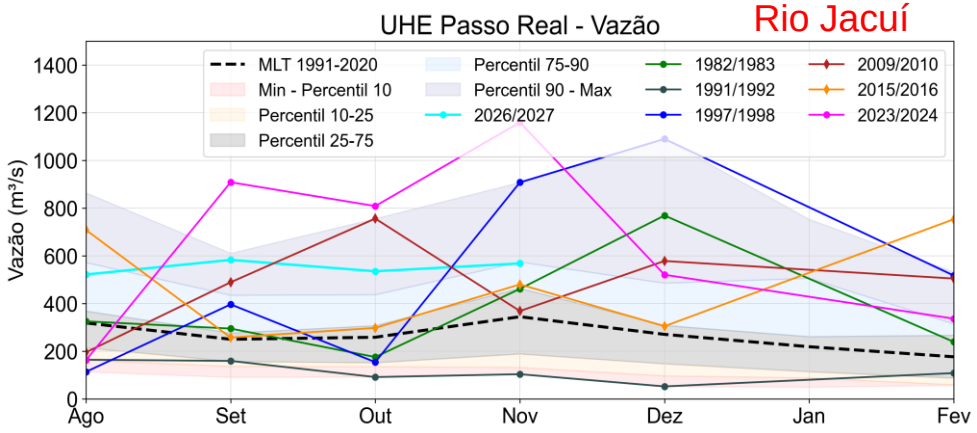
Rio Paraná



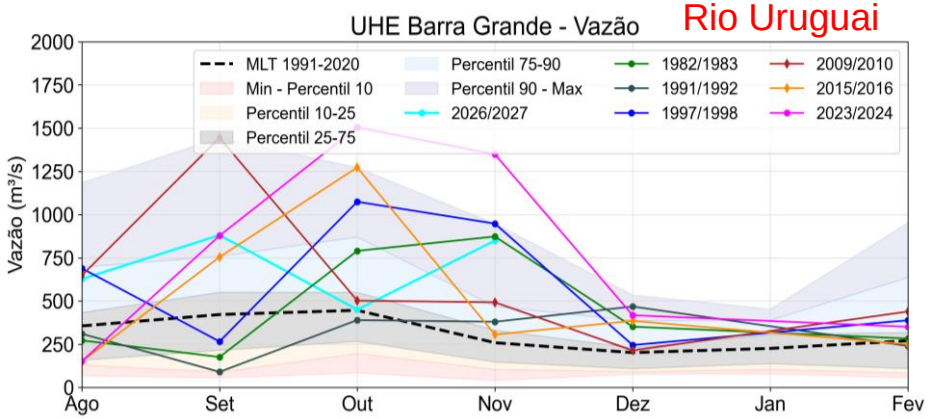
Rio Iguaçu



Rio Jacuí



Rio Uruguai



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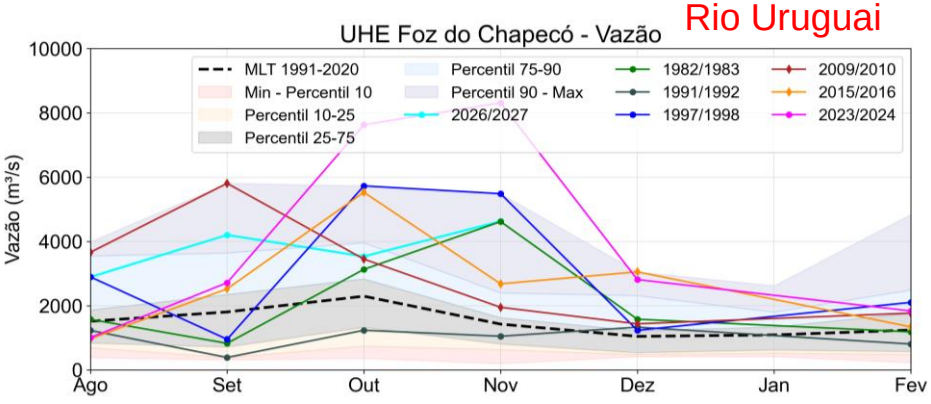

Fonte: CEMADEN/MCTI Dados: Vazão (ONS/ANA): 1982-2026