

# Monitoramento da bacia do rio Paranapanema

AGOSTO/2025

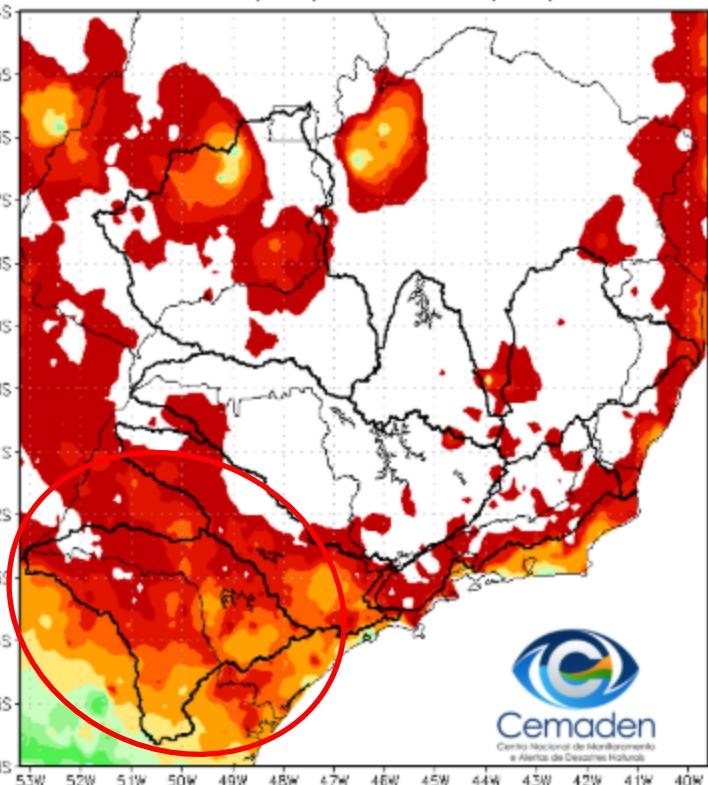


MINISTÉRIO DA  
CIÊNCIA, TECNOLOGIA  
E INovação

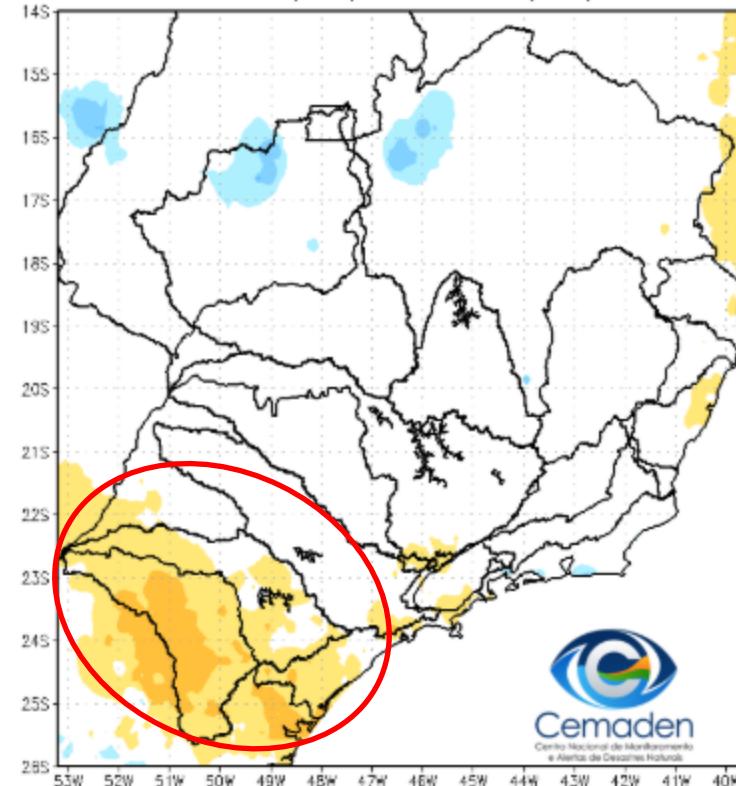


## Precipitação acumulada nos últimos 30 dias

Precipitação Acumulada (mm) A.S.  
Período: 20/06/2025 a 19/08/2025

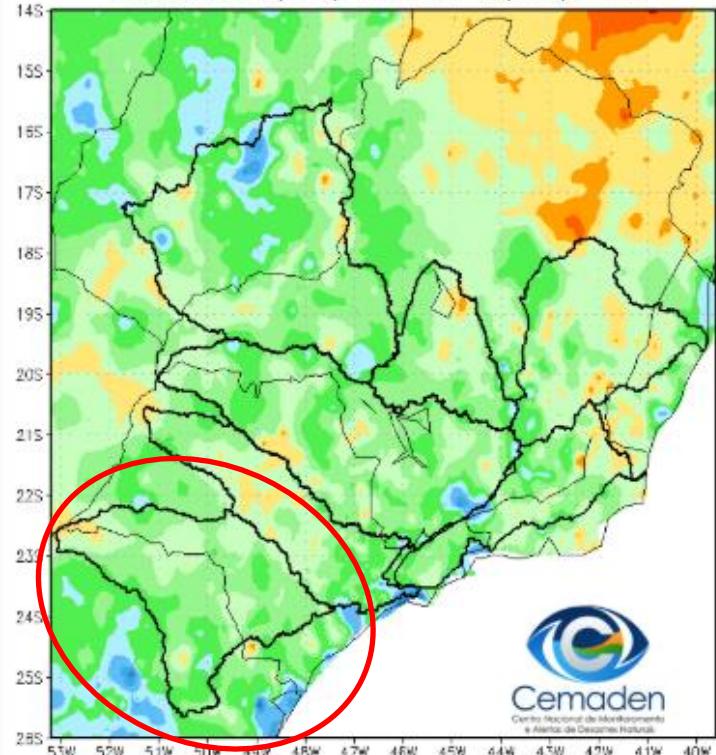


Anomalia de Precipitação (mm) A.S.  
Período: 20/06/2025 a 19/08/2025

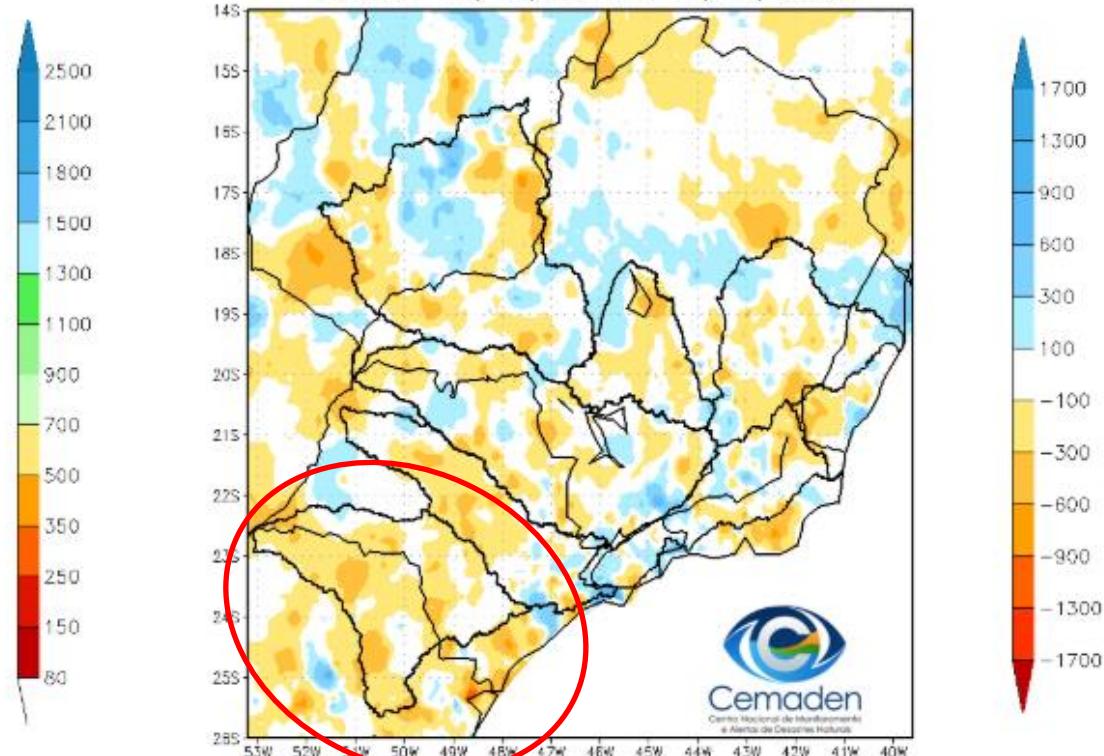


## Precipitação no Ano Hidrológico

Precipitação Acumulada (mm) A.S.  
Período: 01/10/2024 a 19/08/2025

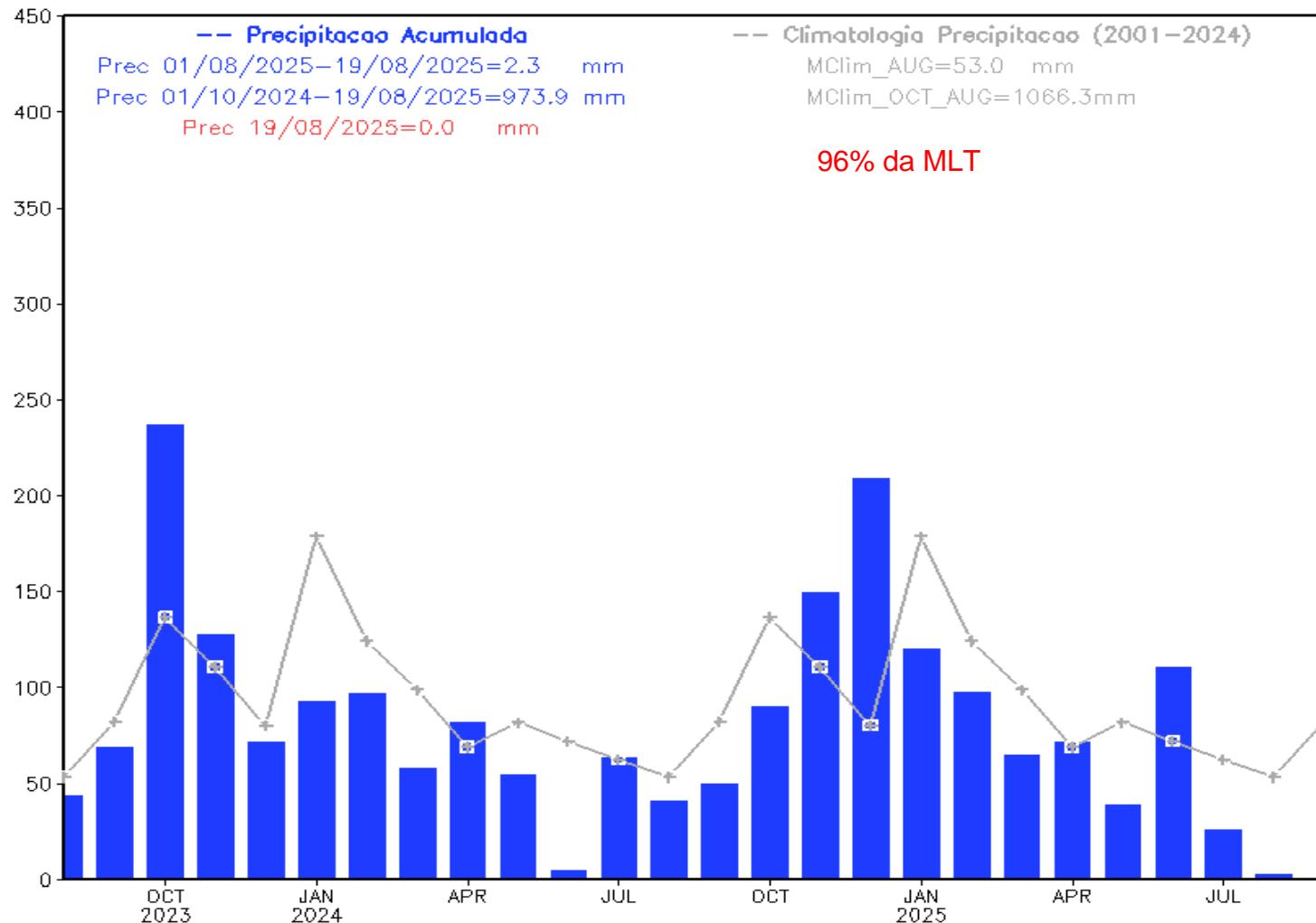


Anomalia de Precipitação (mm) A.S.  
Período: 01/10/2024 a 19/08/2025

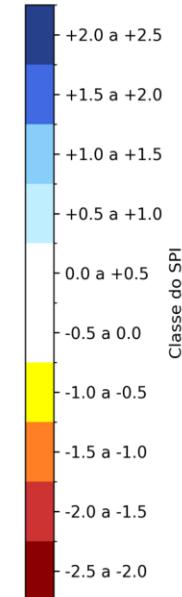
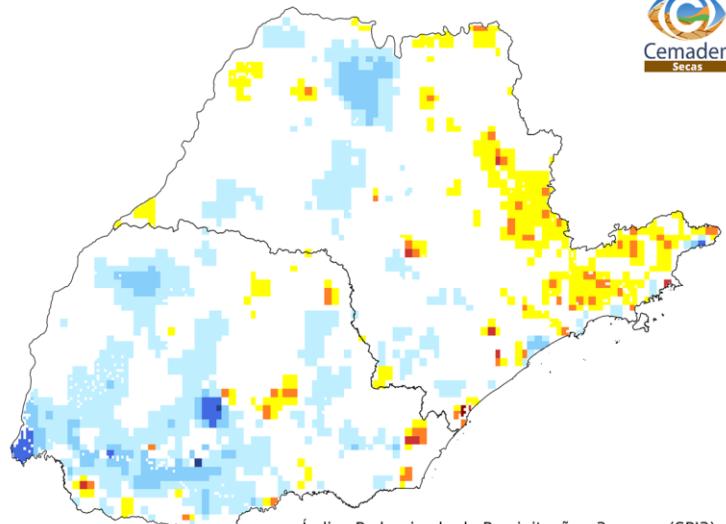
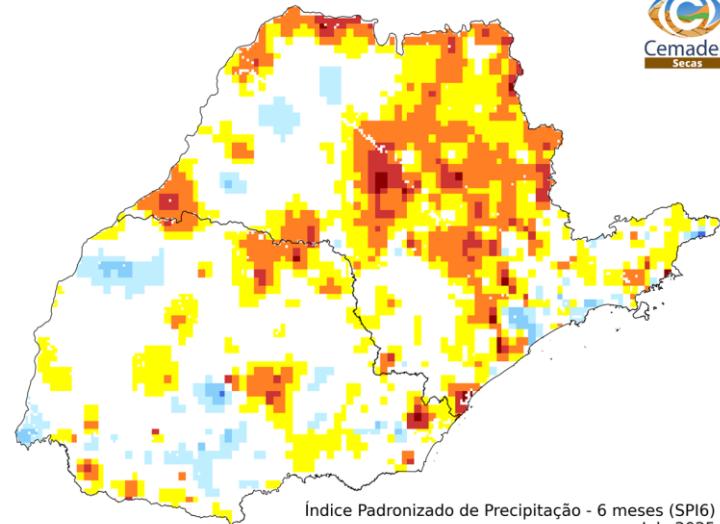


## Evolução Temporal da Precipitação

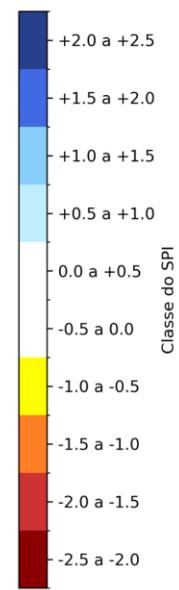
### Precipitação Bacia do Rio Paranapanema desde AUG 2023



## SPI: JULHO 2025

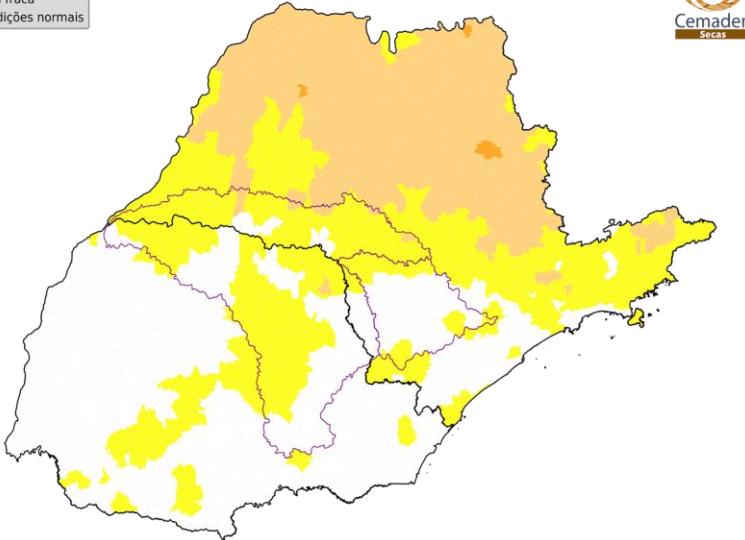
**SPI-03****SPI-06**

Classe do SPI



# ÍNDICE INTEGRADO DE SECA: ANÁLISE POR MUNICÍPIOS

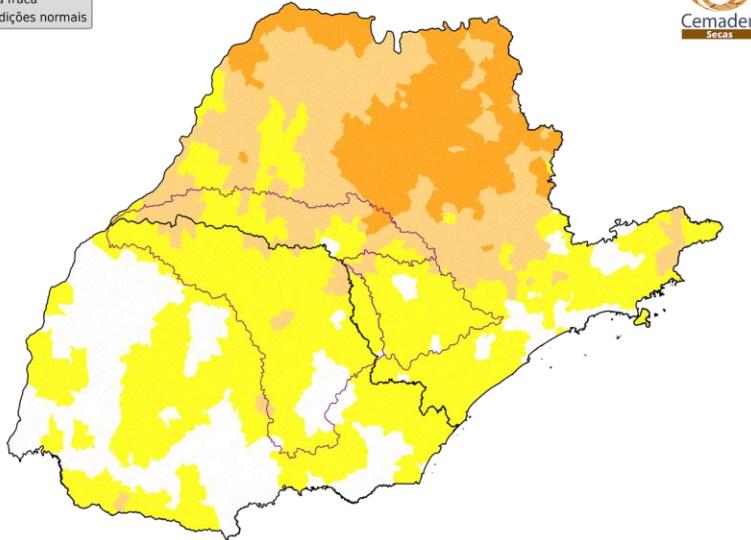
## IIS-03 OBSERVADO



Número de municípios por classes de seca:  
 Seca excepcional: 0 ( 0.0%)  
 Seca extrema: 0 ( 0.0%)  
 Seca severa: 0 ( 0.0%)  
 Seca moderada: 11 ( 3.9%)  
 Seca fraca: 166 (58.2%)  
 Condições normais: 108 (37.9%)

Índice Integrado de Seca - 3 meses (IIS3)  
 July 2025  
 Fonte: Cemaden/MCTI

## IIS-06 OBSERVADO



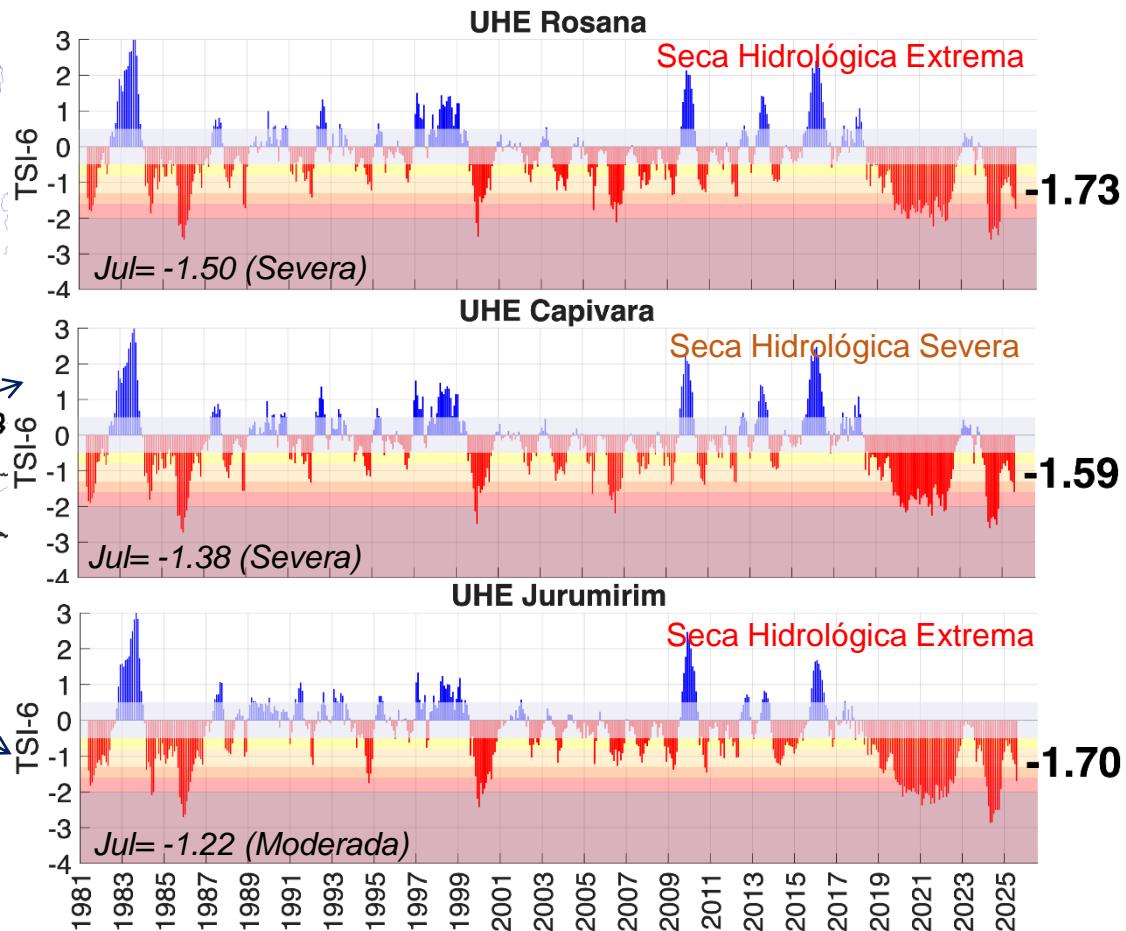
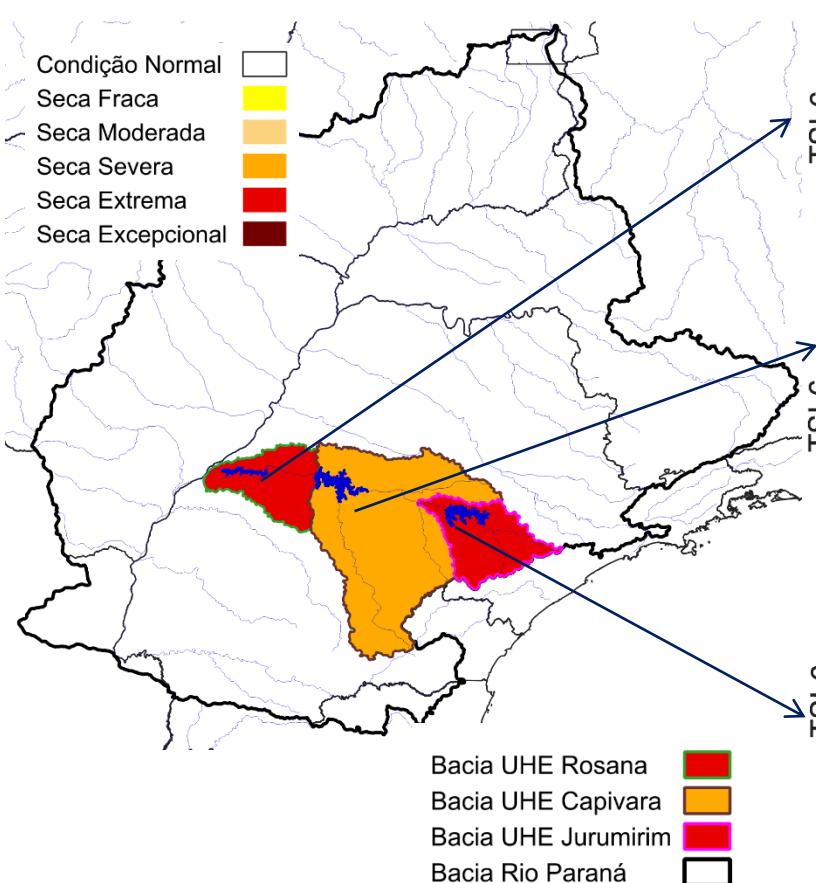
Número de municípios por classes de seca:  
 Seca excepcional: 0 ( 0.0%)  
 Seca extrema: 0 ( 0.0%)  
 Seca severa: 3 ( 1.1%)  
 Seca moderada: 71 (24.9%)  
 Seca fraca: 199 (69.8%)  
 Condições normais: 12 ( 4.2%)

Índice Integrado de Seca - 6 meses (IIS6)  
 July 2025  
 Fonte: Cemaden/MCTI

# Índice Bivariado de Seca (Precipitação-Vazão) - TSI

## Escala de Longo Prazo: TSI-6 meses

Agosto/2025



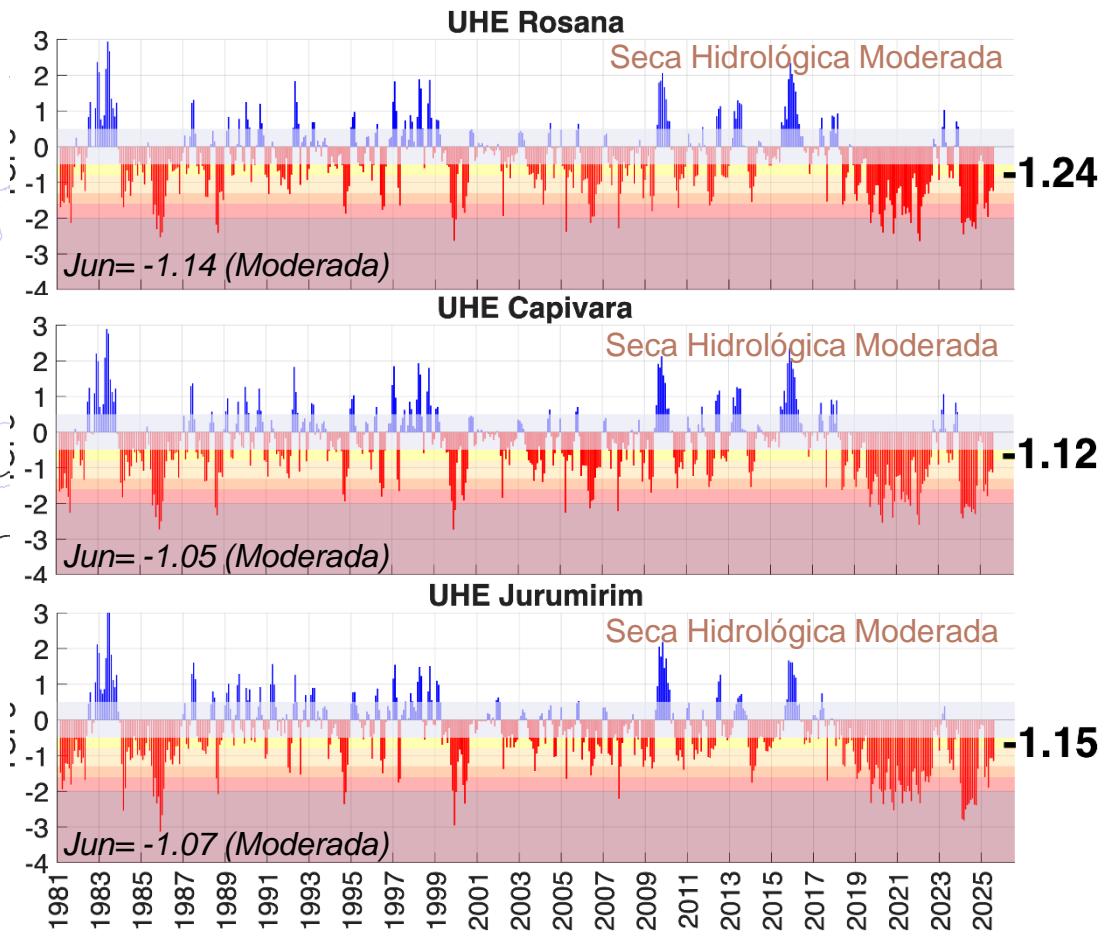
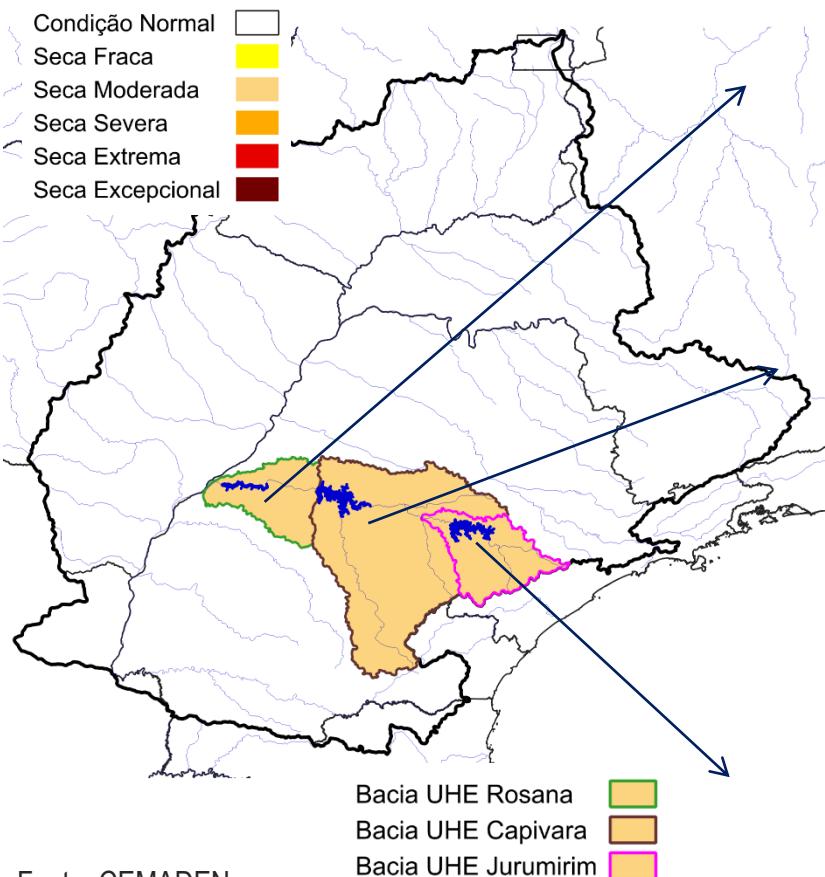
Fonte: CEMADEN

Dados: Precipitação (Cemaden/INMET/CHIRPS) e  
Vazão (ONS/ANA) - Jan/1981-Ago/2025.

# Índice Bivariado de Seca (Precipitação-Vazão) - TSI

## Escala de Curto Prazo: TSI-3 meses

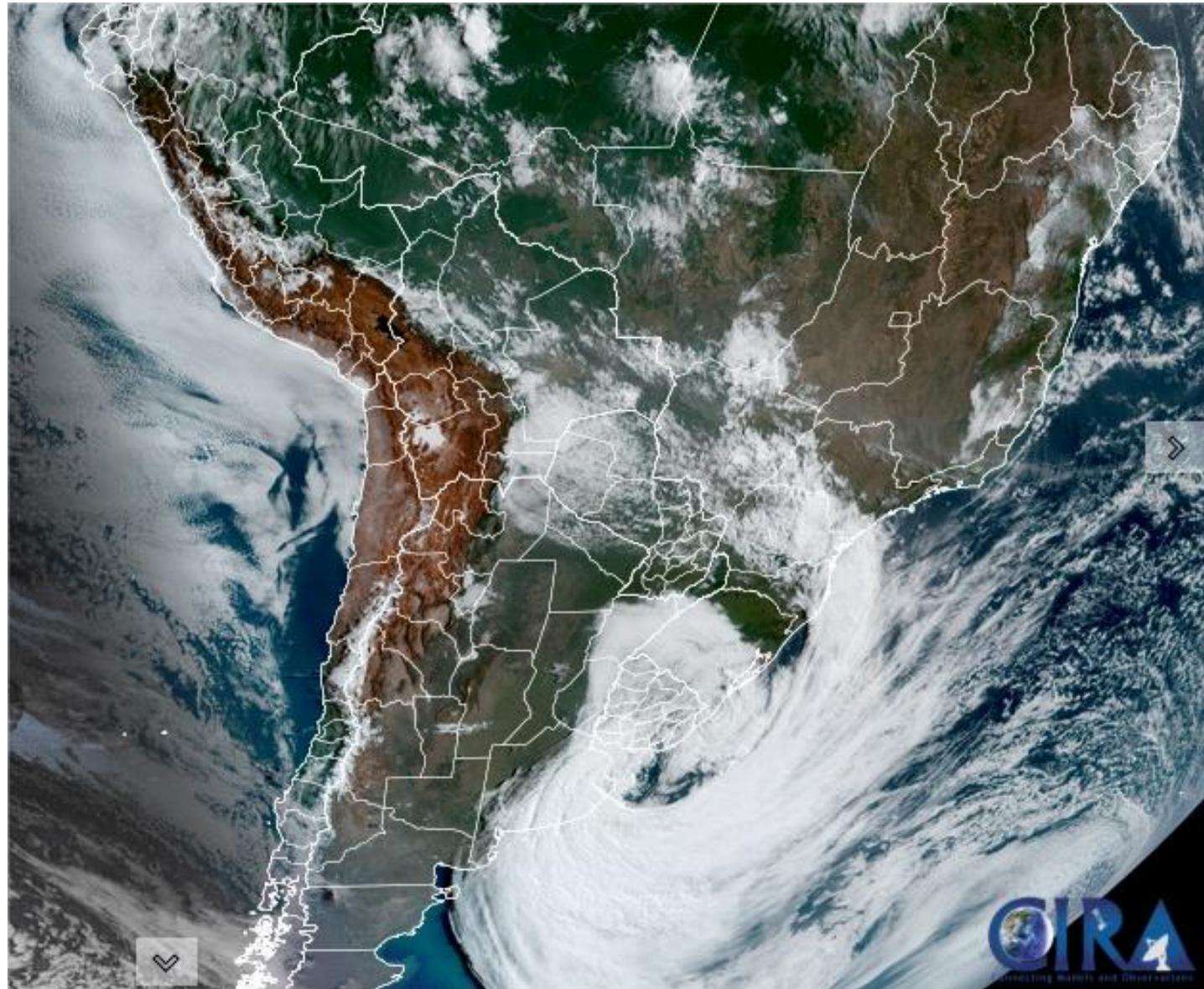
Agosto/2025



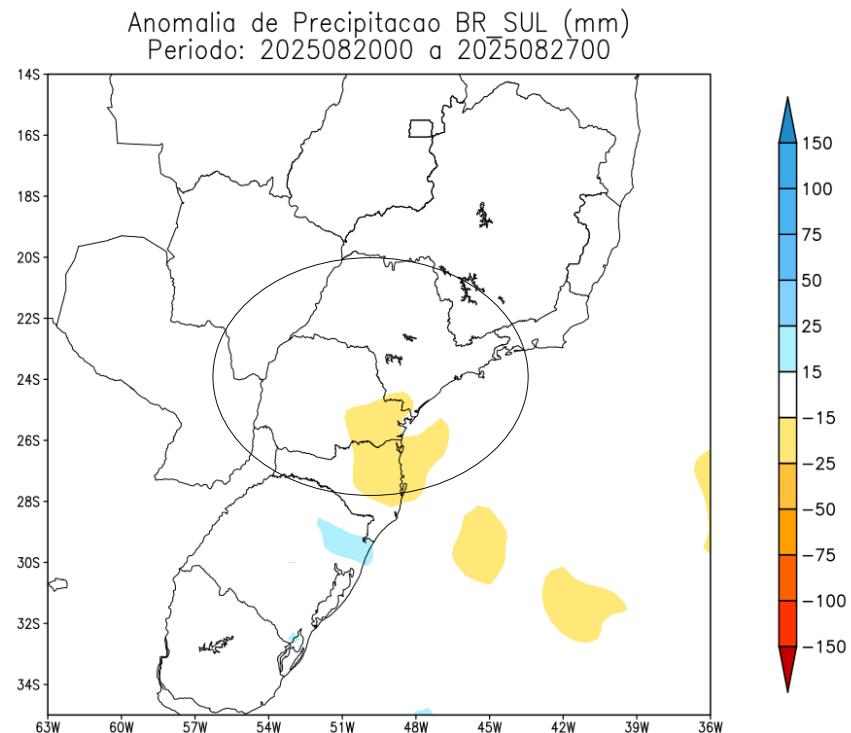
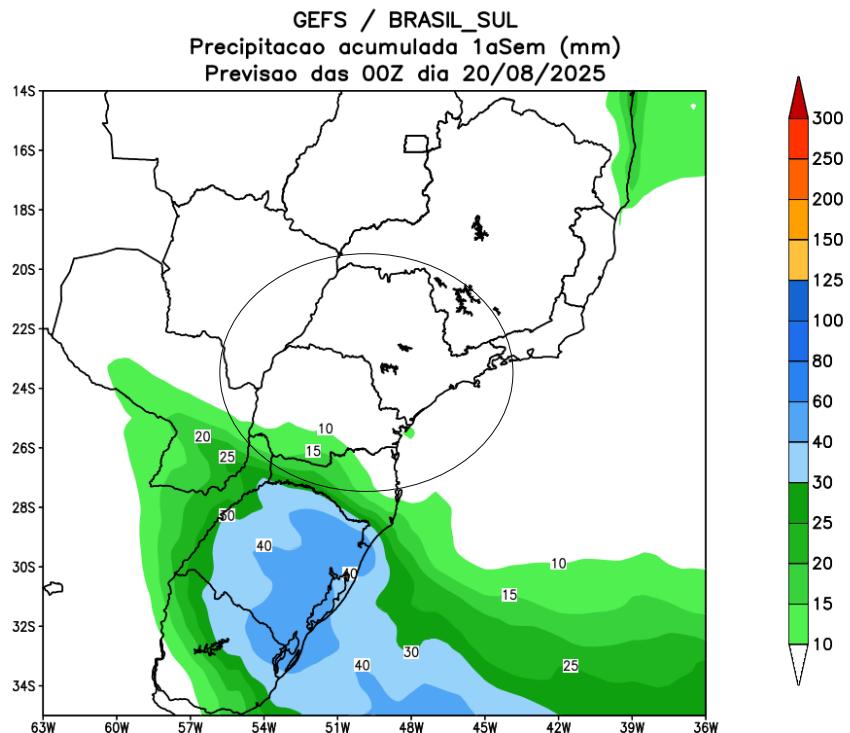
Fonte: CEMADEN

Dados: Precipitação (Cemaden/INMET/CHIRPS) e  
Vazão (ONS/ANA) - Jan/1981-Ago/2025.

# Situação meteorológica atual

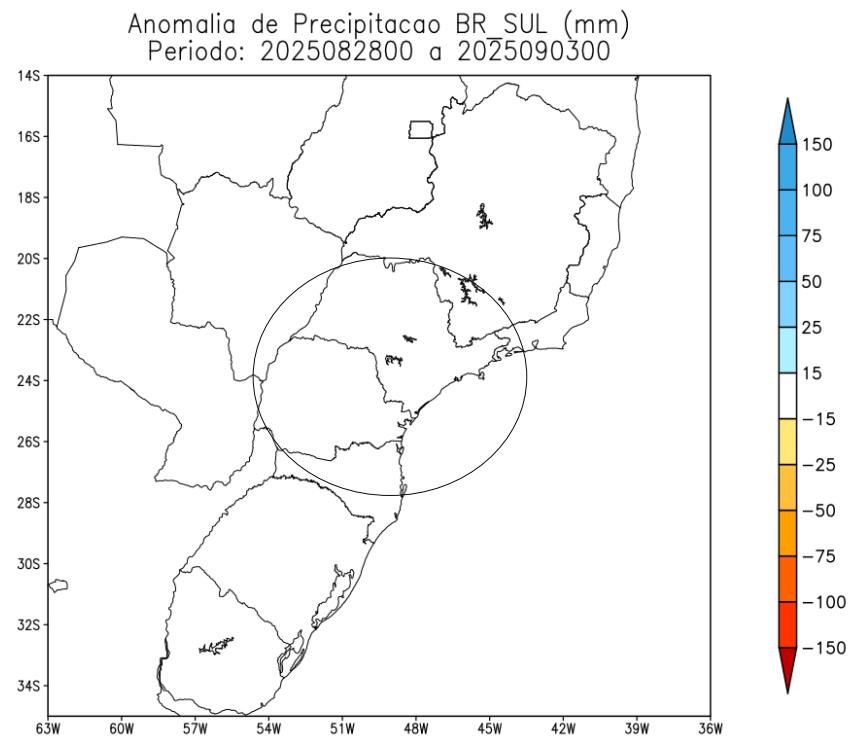
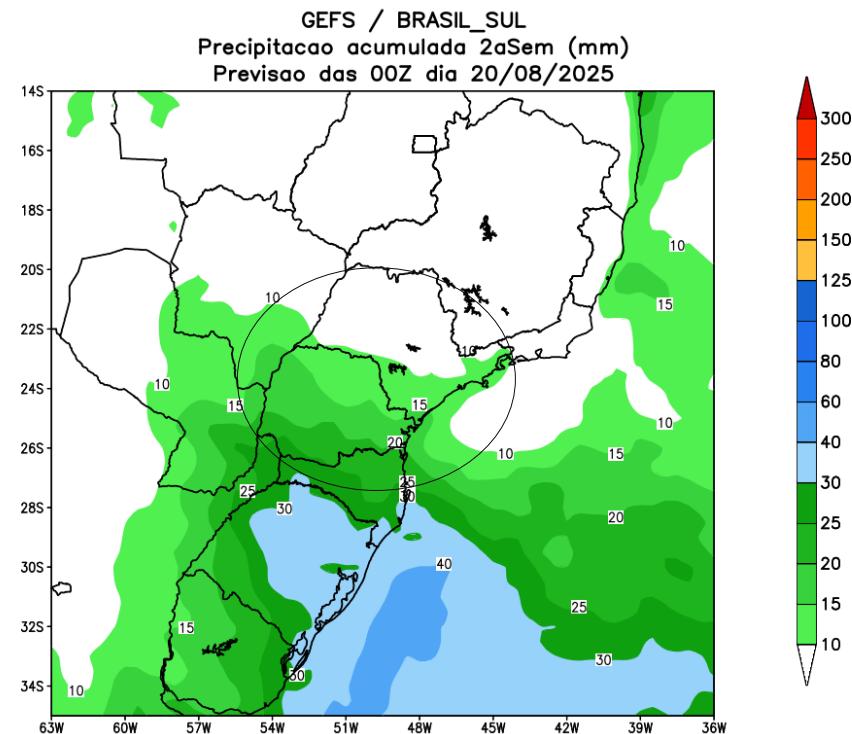


## Previsão de chuva próximos 7 dias



MODELO GEFS

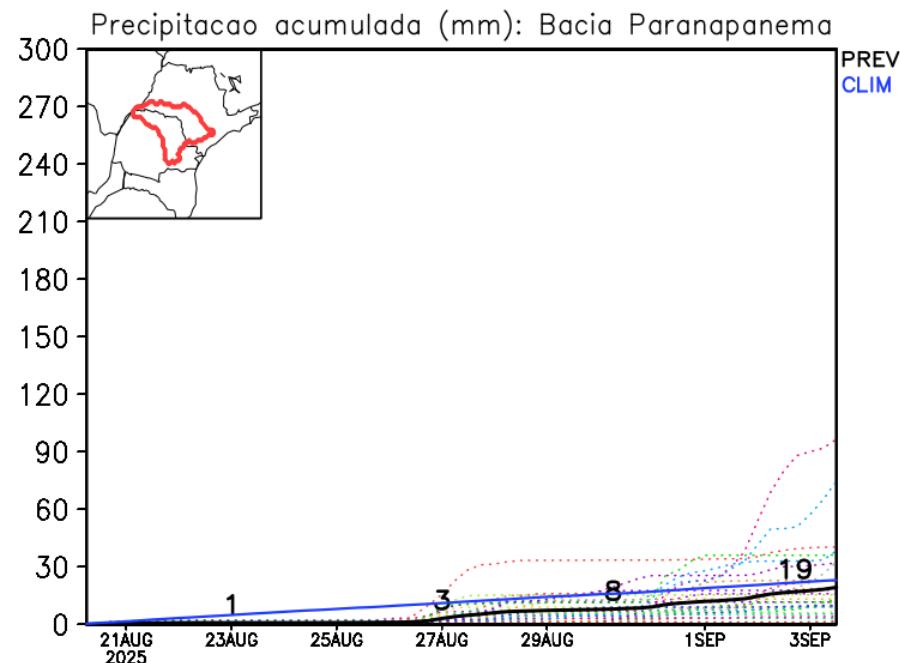
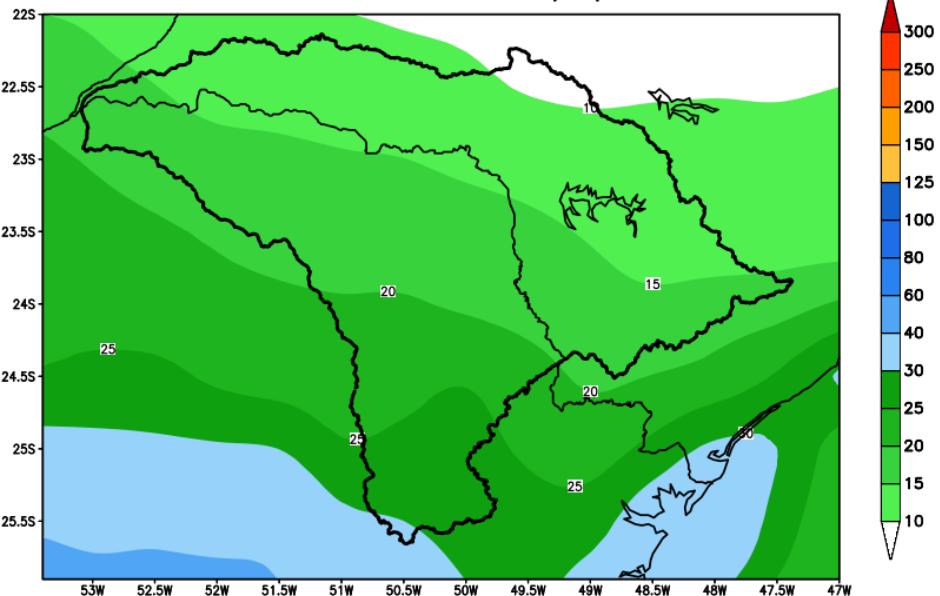
## Tendência para a segunda semana



MODELO GEFS

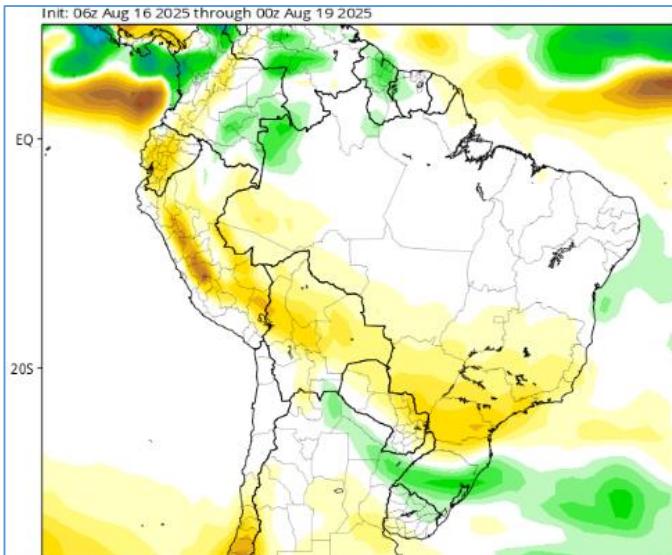
## Previsão para a bacia do rio Paranapanema

GEFS / Bacia do Rio Paranapanema  
Precipitação acumulada em 14 dias (mm)  
Previsão das 00Z dia 20/08/2025

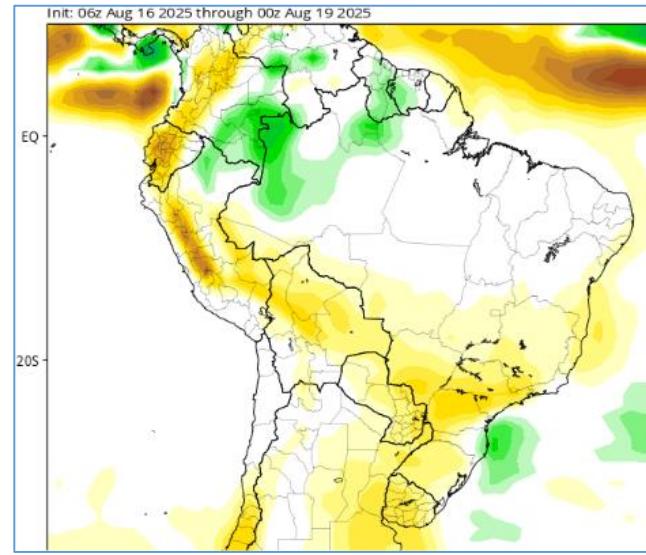


# Tendência 3a e 4a semanas

02-09 Set



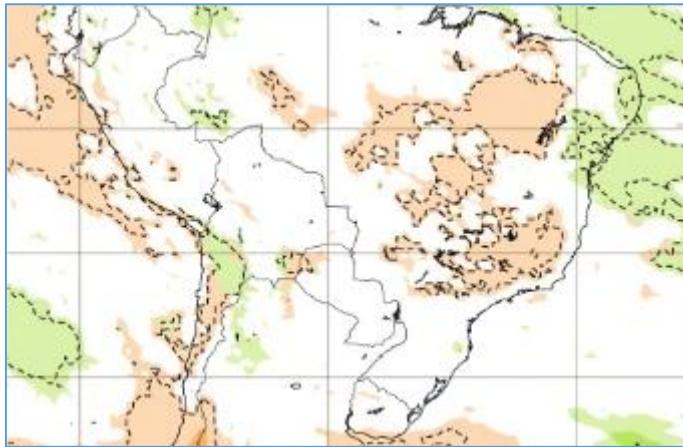
09-16 Set



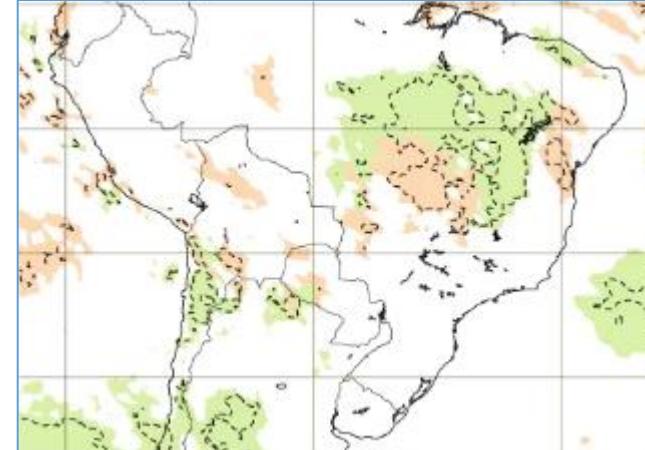
CFS/NOAA

ECMWF

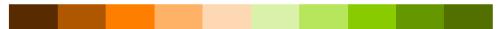
01-08 Set



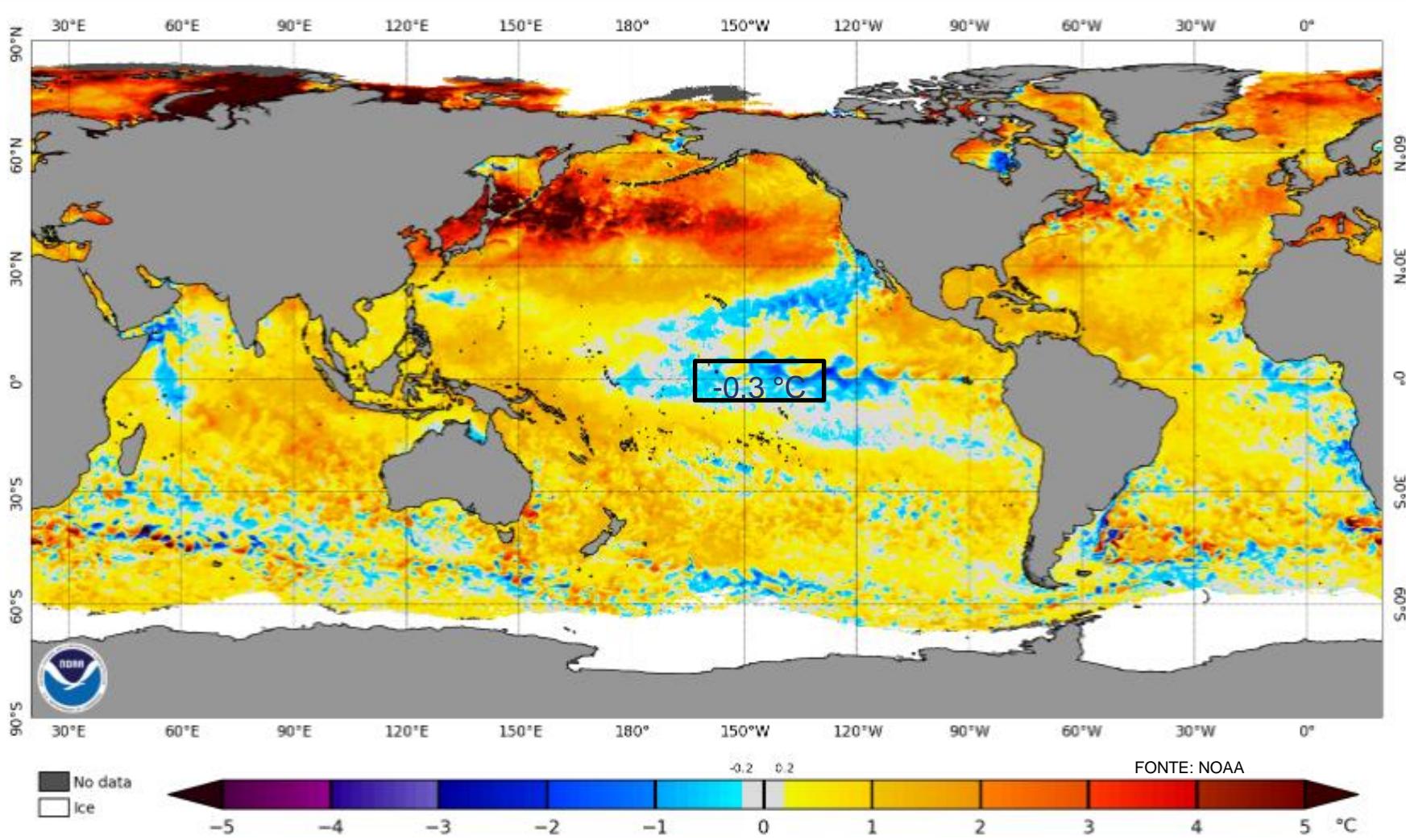
08-15 Set



Extended range: Precipitation weekly mean anomaly, significance level: 10 % (mm) X  
<-90 -90 -80 -70 -60 -50 -40 -30 -20 -10 0 10 20 30 40 50 60 70 80 90 >90

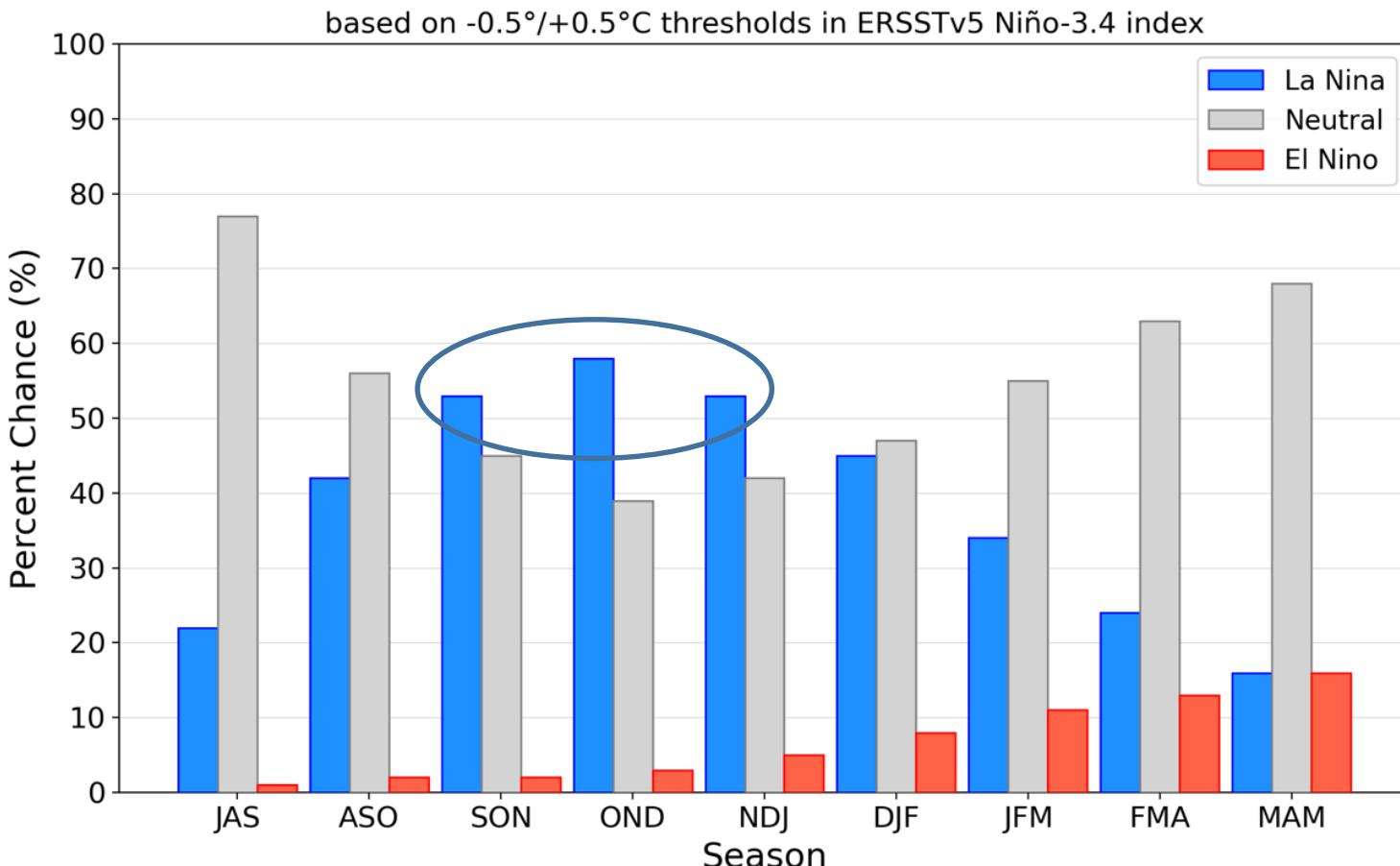


## Status Atual: La Niña Watch



# Previsão do “ENSO”

Official NOAA CPC ENSO Probabilities (issued August 2025)



# Previsão do “ENSO”

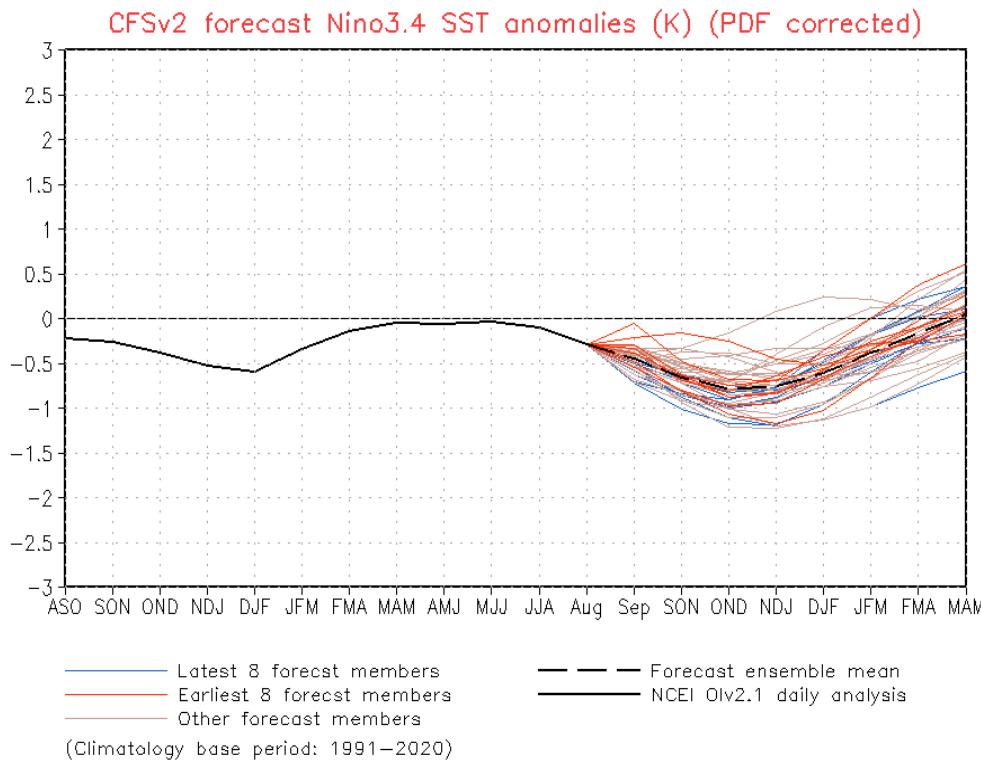
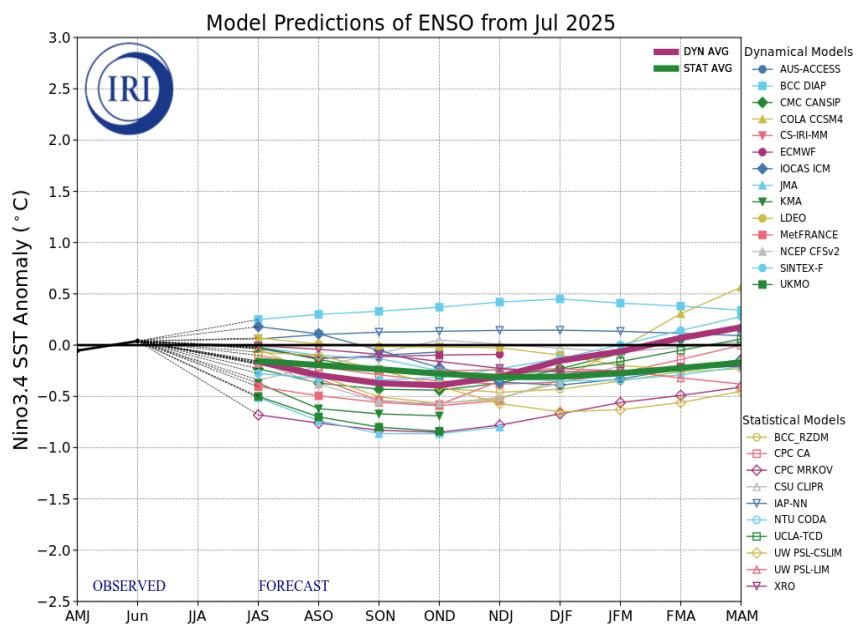


Figure provided by the International Research Institute (IRI) for Climate and Society (updated 18 July 2025).

# Previsão Sazonal de Chuva Multi-Modelo

Setembro-Outubro-Novembro

