

Monitoramento da bacia do rio Paranapanema

JULHO/2025

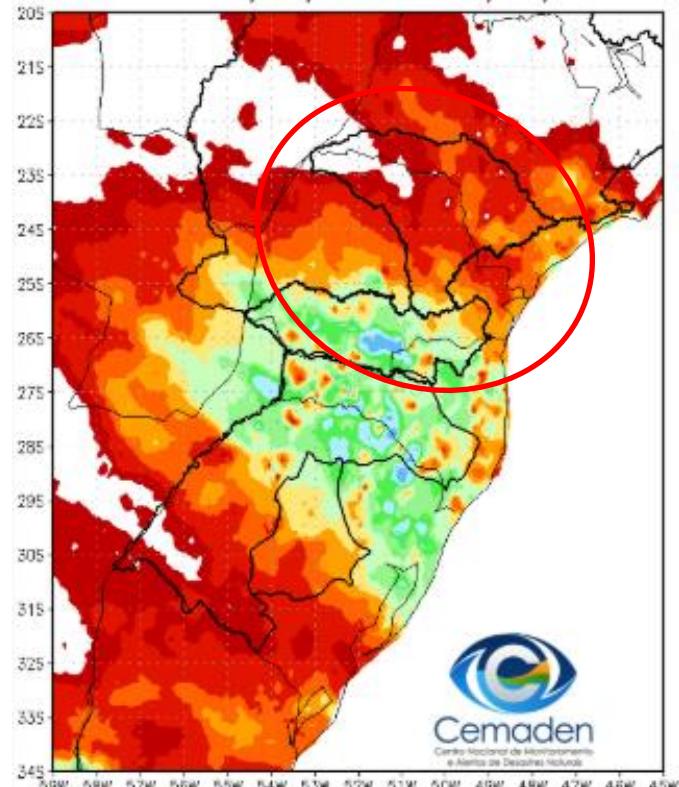


MINISTÉRIO DA
CIÊNCIA, TECNOLOGIA
E INOVAÇÃO

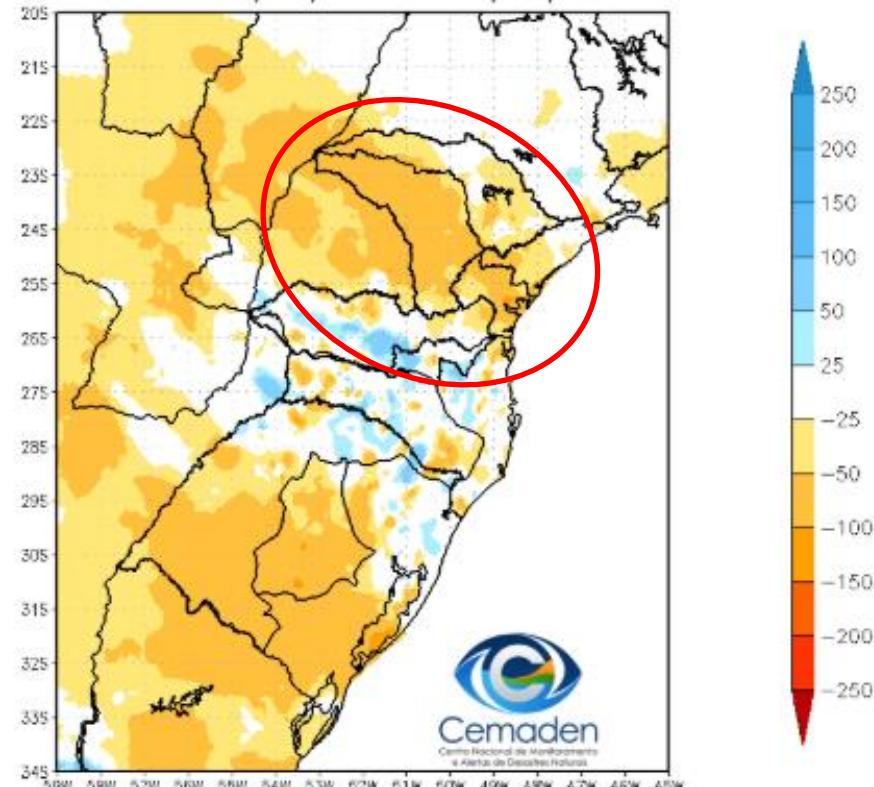


Precipitação acumulada nos últimos 30 dias

Precipitação Acumulada (mm) A.S.
Período: 22/06/2025 a 22/07/2025

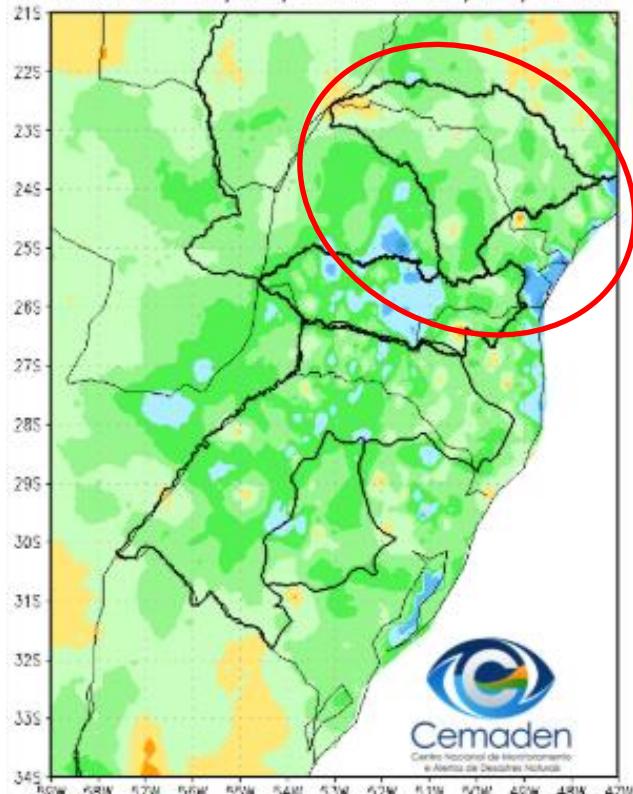


Anomalia de Precipitação (mm) A.S.
Período: 22/06/2025 a 22/07/2025

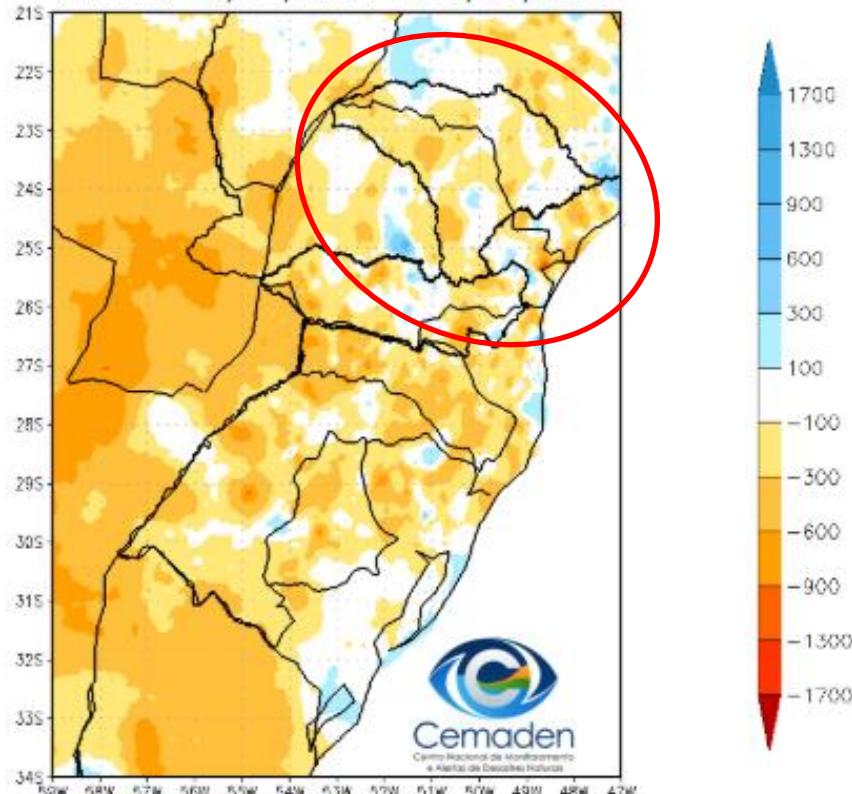


Precipitação no Ano Hidrológico

Precipitação Acumulada (mm) A.S.
Período: 01/10/2024 a 22/07/2025

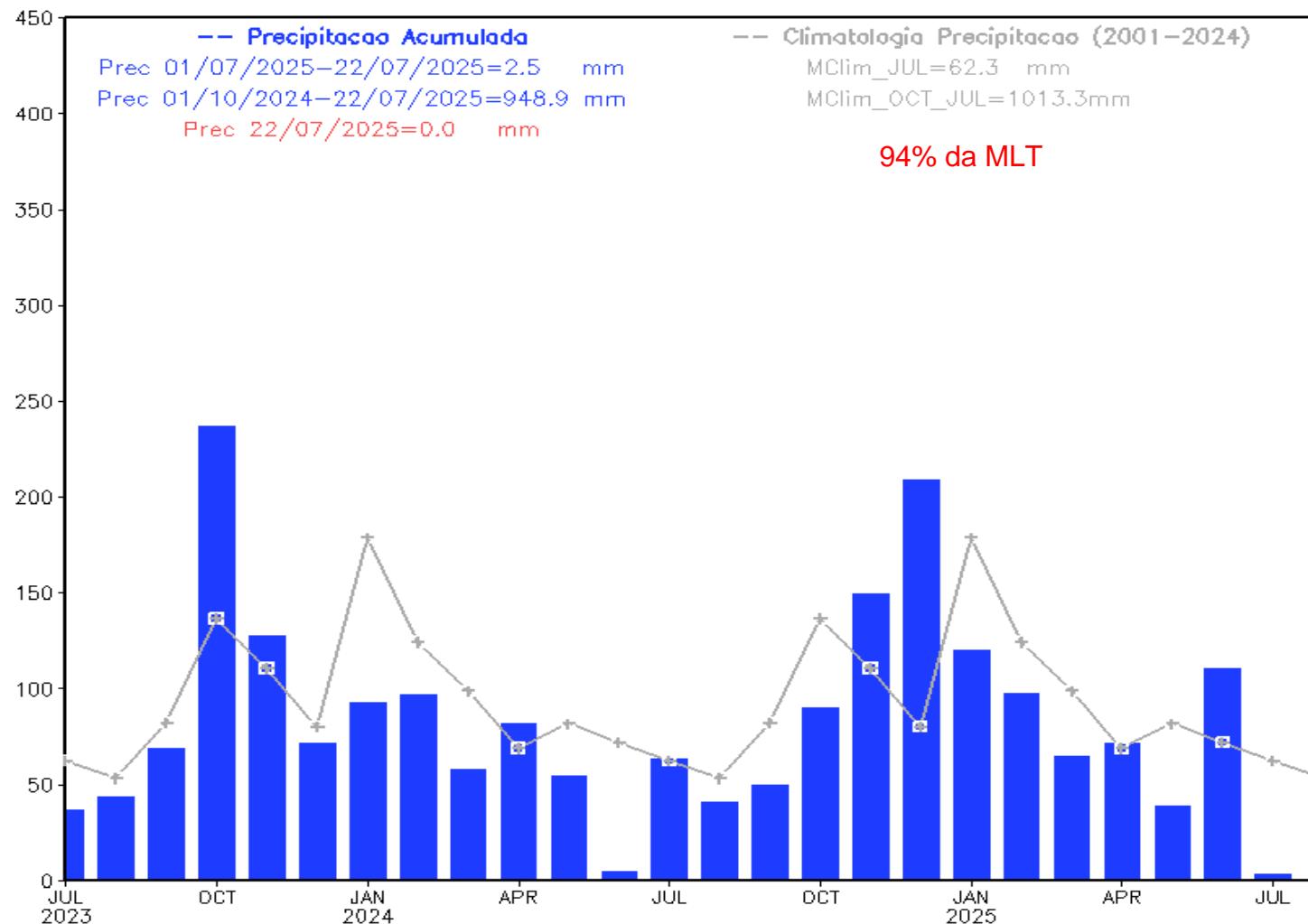


Anomalia de Precipitação (mm) A.S.
Período: 01/10/2024 a 22/07/2025

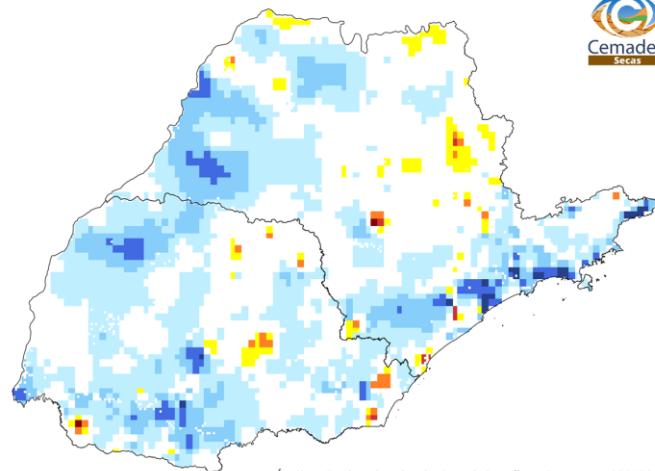
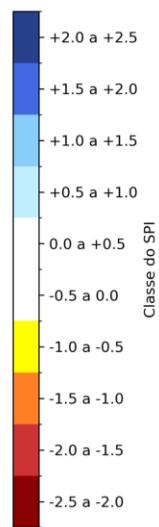
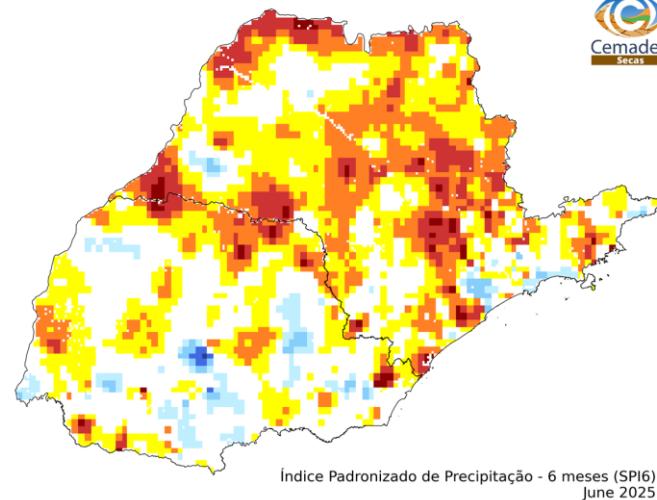


Evolução Temporal da Precipitação

Precipitação Bacia do Rio Paranapanema desde JUL 2023



SPI: JUNHO 2025

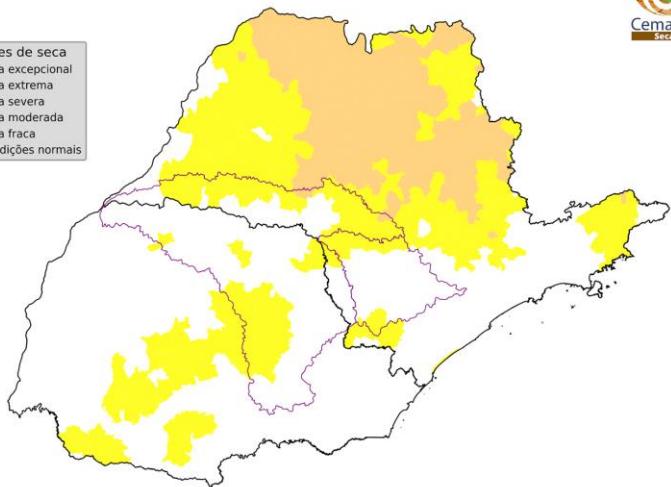
SPI-03**SPI-06**

ÍNDICE INTEGRADO DE SECA: ANÁLISE POR MUNICÍPIOS

IIS-03 OBSERVADO

Índice Integrado de Seca - 3 meses (IIS3)
June 2025

Classes de seca
● Seca excepcional
● Seca extrema
● Seca severa
● Seca moderada
● Seca fraca
● Condições normais



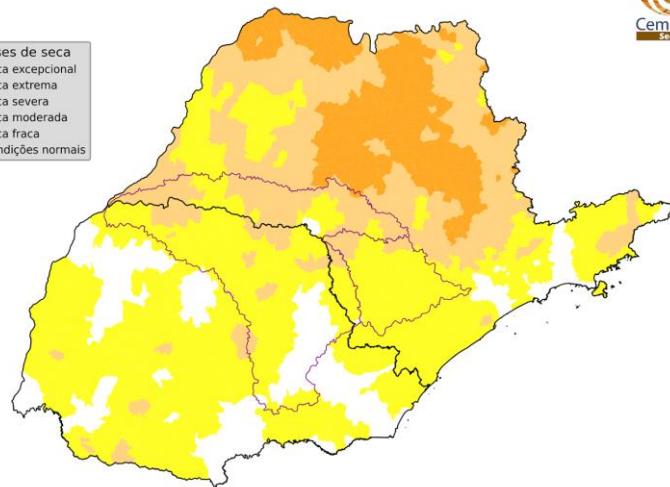
Número de municípios
por classes de seca:
 Seca excepcional: 0 (0.0%)
 Seca extrema: 0 (0.0%)
 Seca severa: 0 (0.0%)
 Seca moderada: 6 (2.1%)
 Seca fraca: 102 (35.8%)
 Condições normais: 177 (62.1%)

Fonte: Cemaden/MCTI

IIS-06 OBSERVADO

Índice Integrado de Seca - 6 meses (IIS6)
June 2025

Classes de seca
● Seca excepcional
● Seca extrema
● Seca severa
● Seca moderada
● Seca fraca
● Condições normais

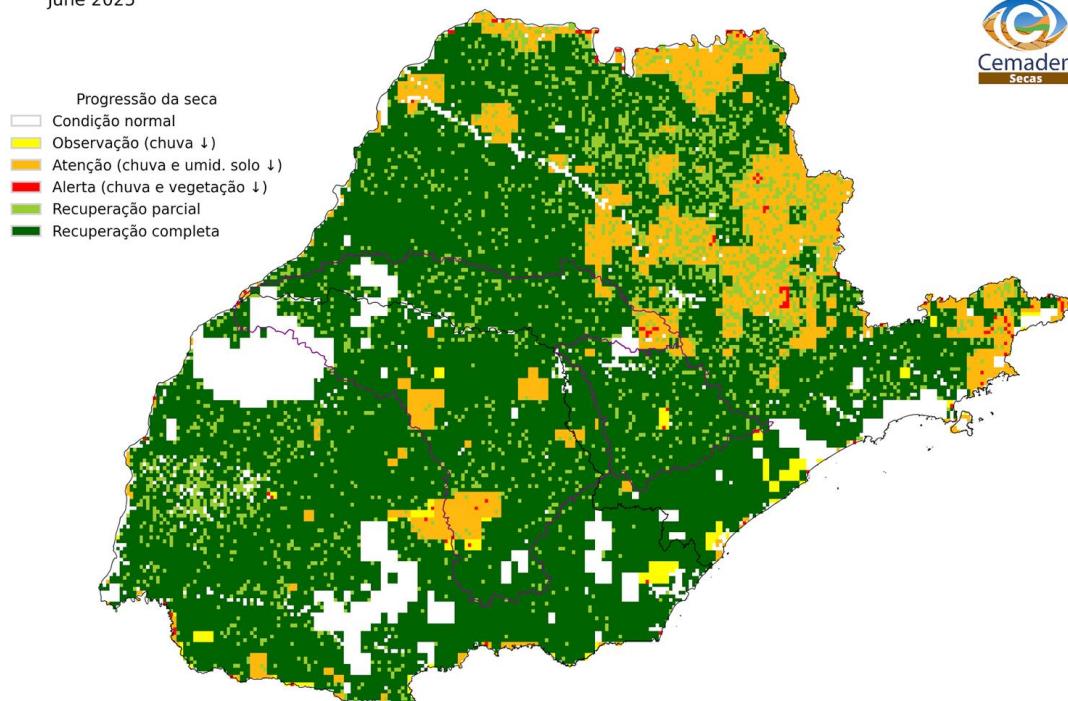


Número de municípios
por classes de seca:
 Seca excepcional: 0 (0.0%)
 Seca extrema: 0 (0.0%)
 Seca severa: 2 (0.7%)
 Seca moderada: 102 (35.8%)
 Seca fraca: 163 (57.2%)
 Condições normais: 18 (6.3%)

Fonte: Cemaden/MCTI

PROGRESSÃO DAS CONDIÇÕES DE SECA (PCS)

Progressão e Intensificação das Condições de Seca (PICS)
June 2025



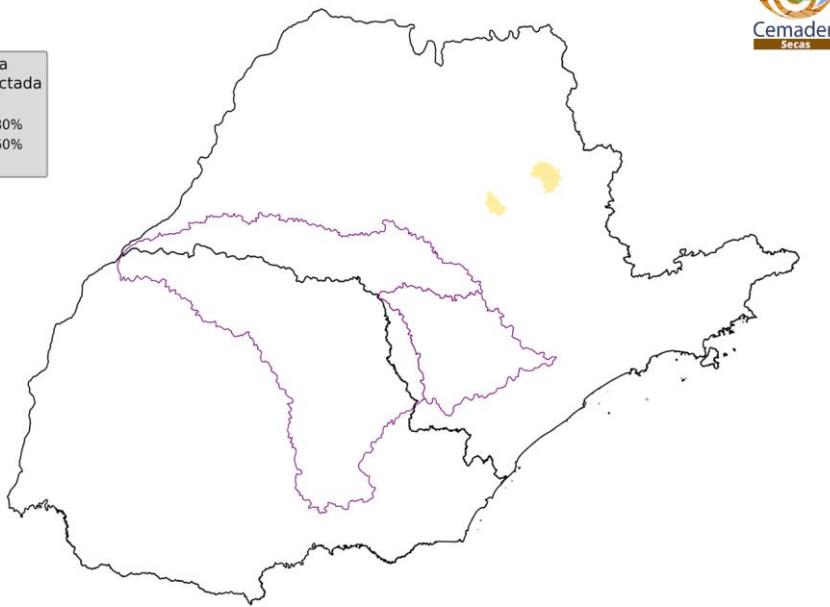
Fonte: Cemaden/MCTI

ÁREAS DE PASTAGENS E AGRÍCOLAS AFETADAS PELA SECA

JUNHOÁrea agro-pastoril municipal afetada pela seca
June 2025

Fração da área
agrícola impactada

- > 80%
- 60% a 80%
- 40% a 60%
- < 40%

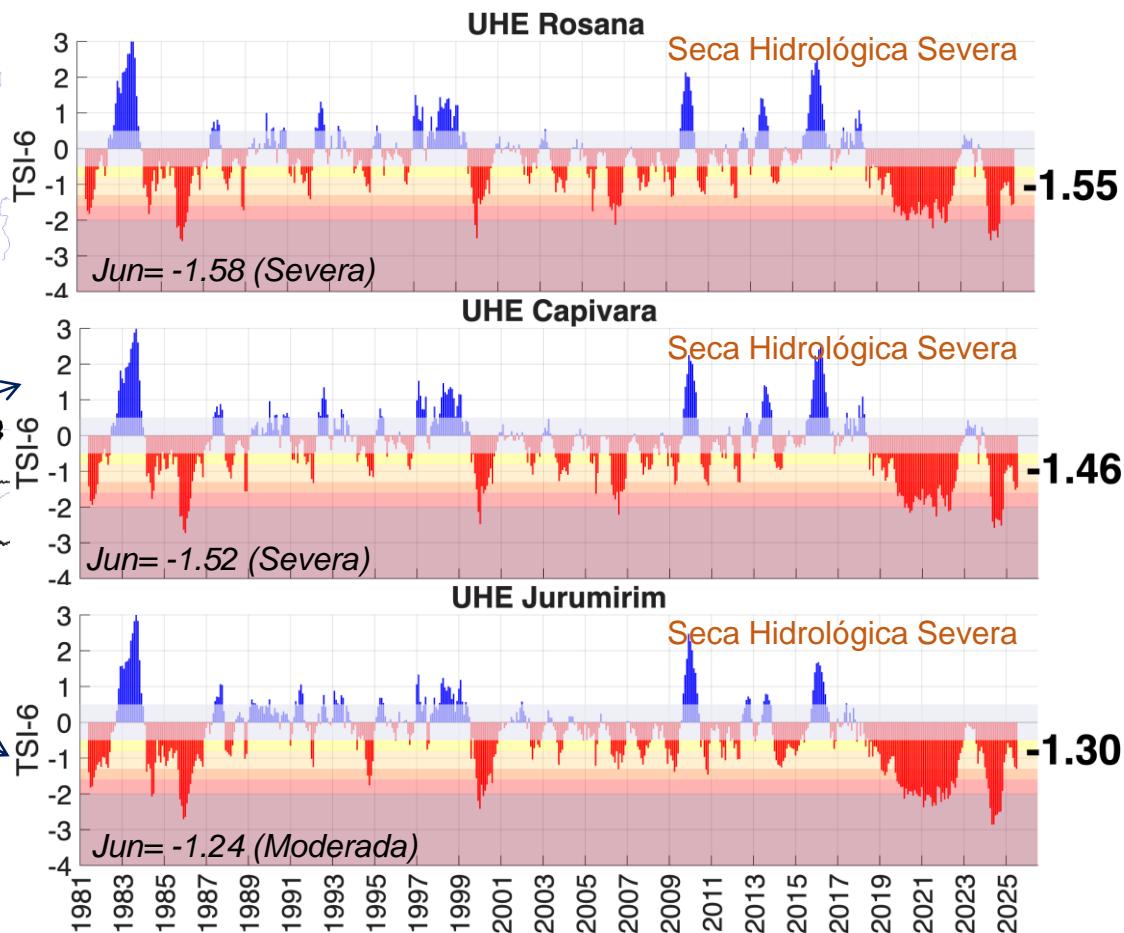
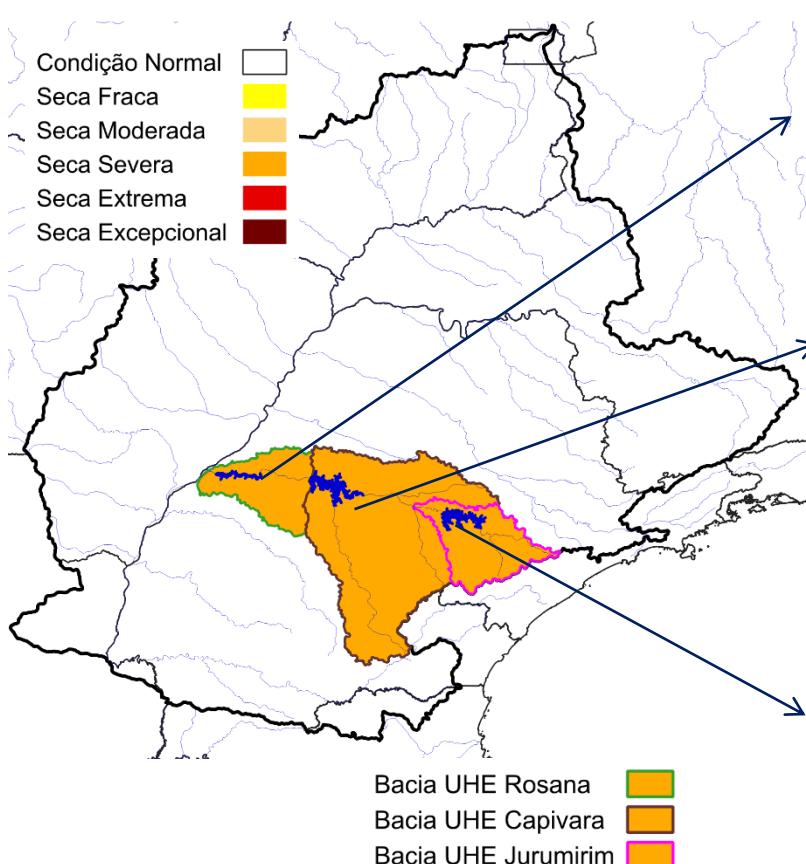


Fonte: Cemaden/MCTI

Índice Bivariado de Seca (Precipitação-Vazão) - TSI

Escala de Longo Prazo: TSI-6 meses

Julho/2025



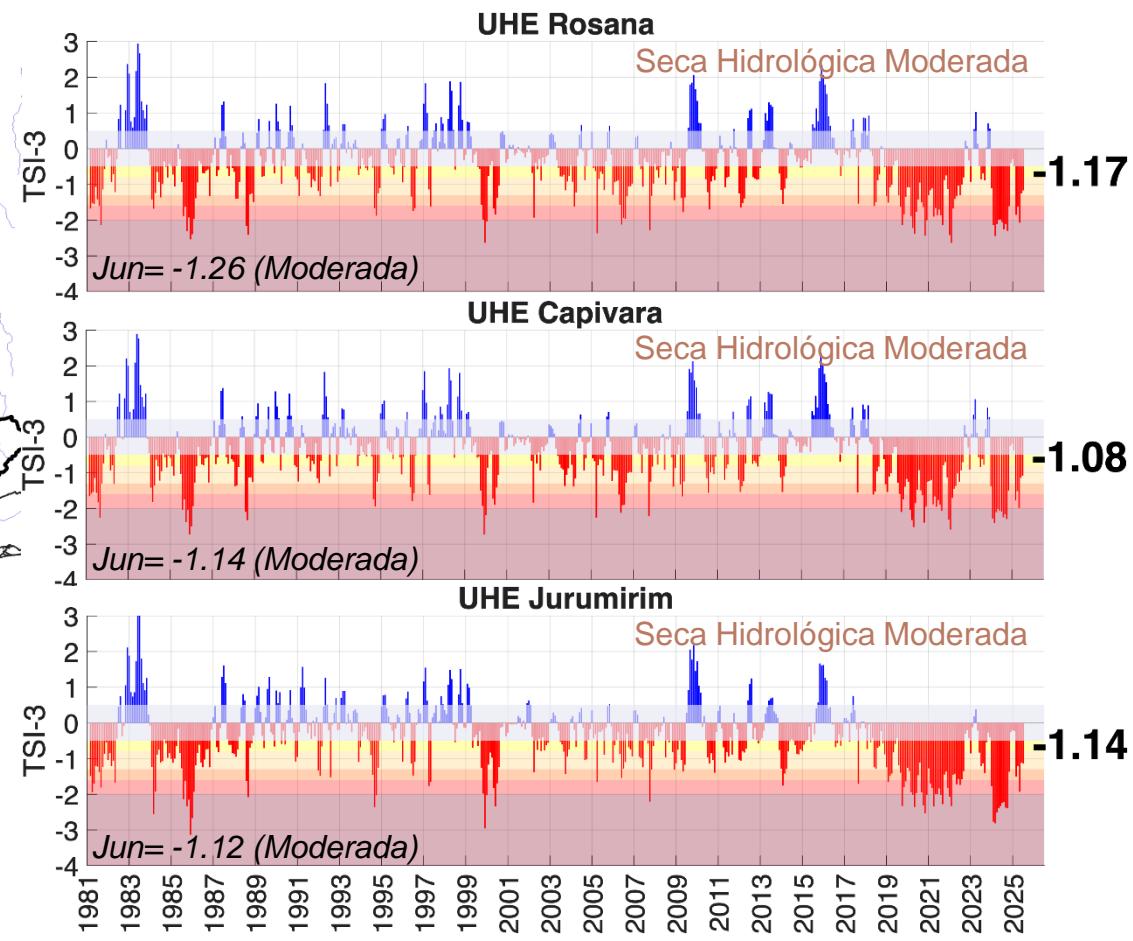
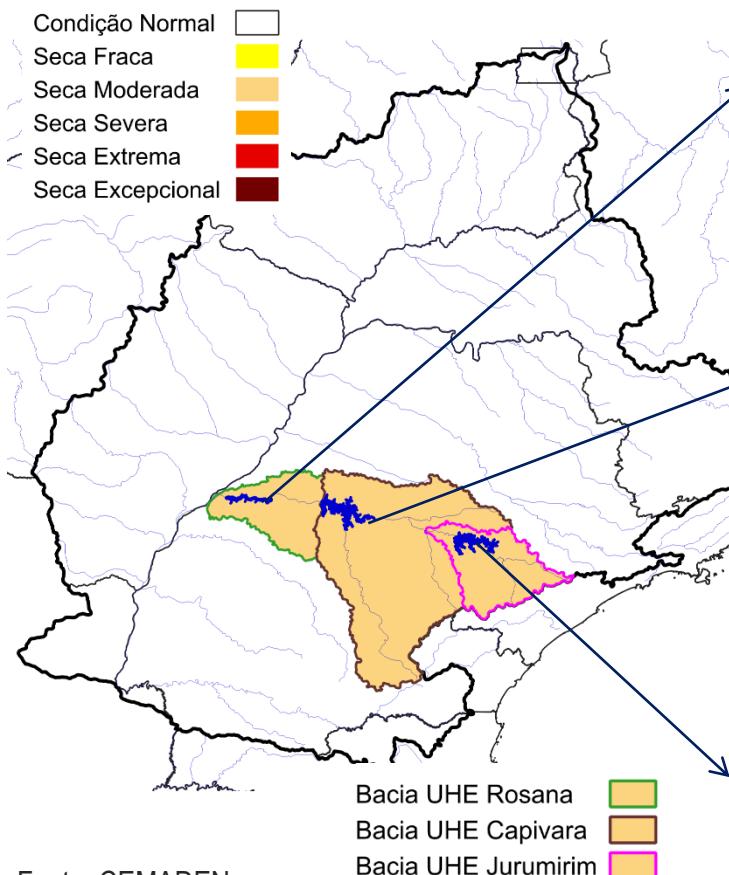
Fonte: CEMADEN

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

Índice Bivariado de Seca (Precipitação-Vazão) - TSI

Escala de Curto Prazo: TSI-3 meses

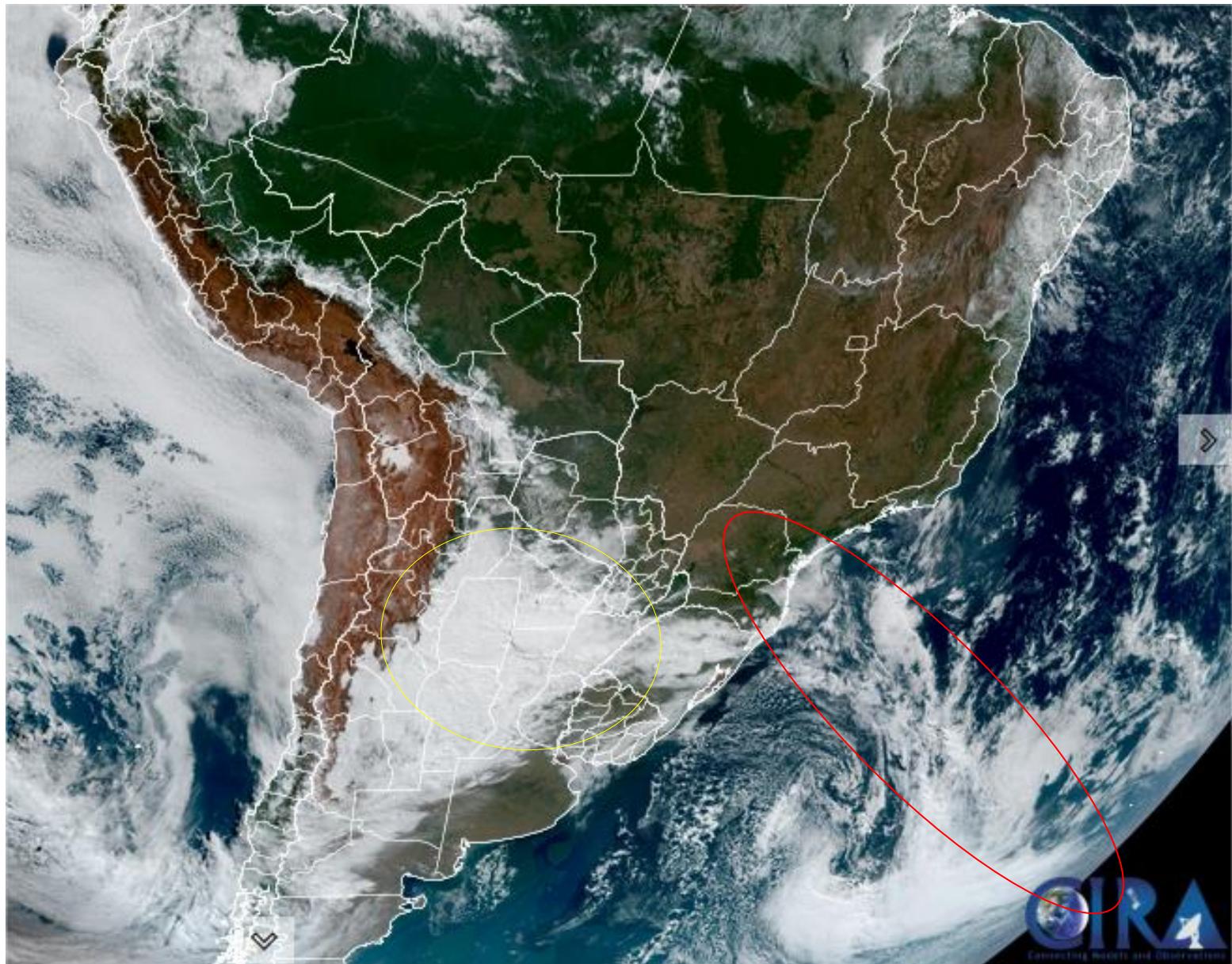
Julho/2025



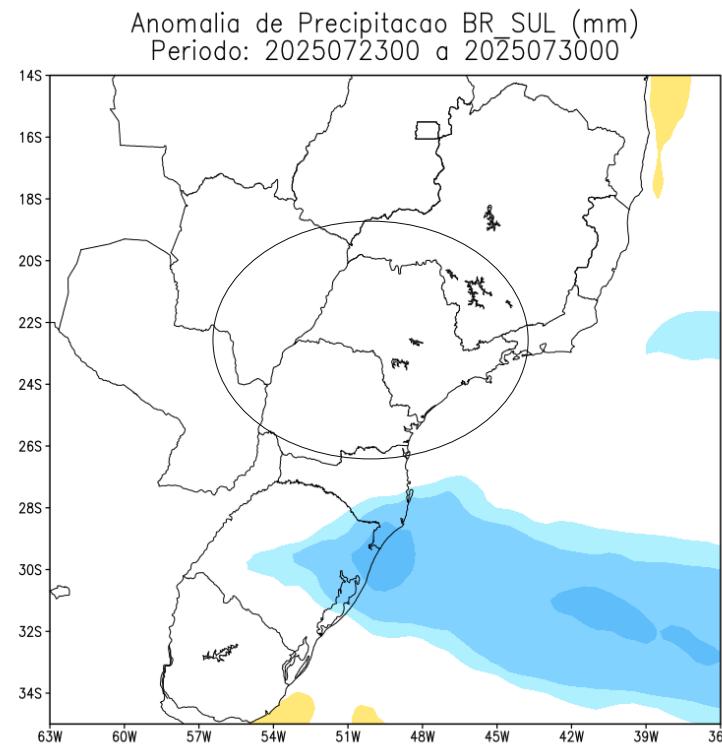
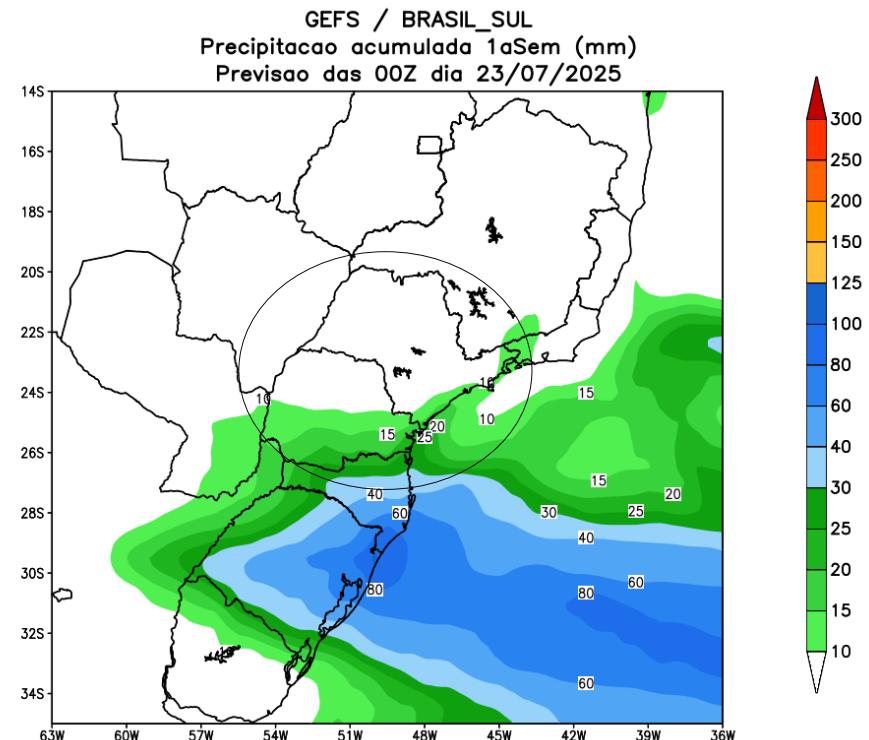
Fonte: CEMADEN

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

Situação meteorológica atual

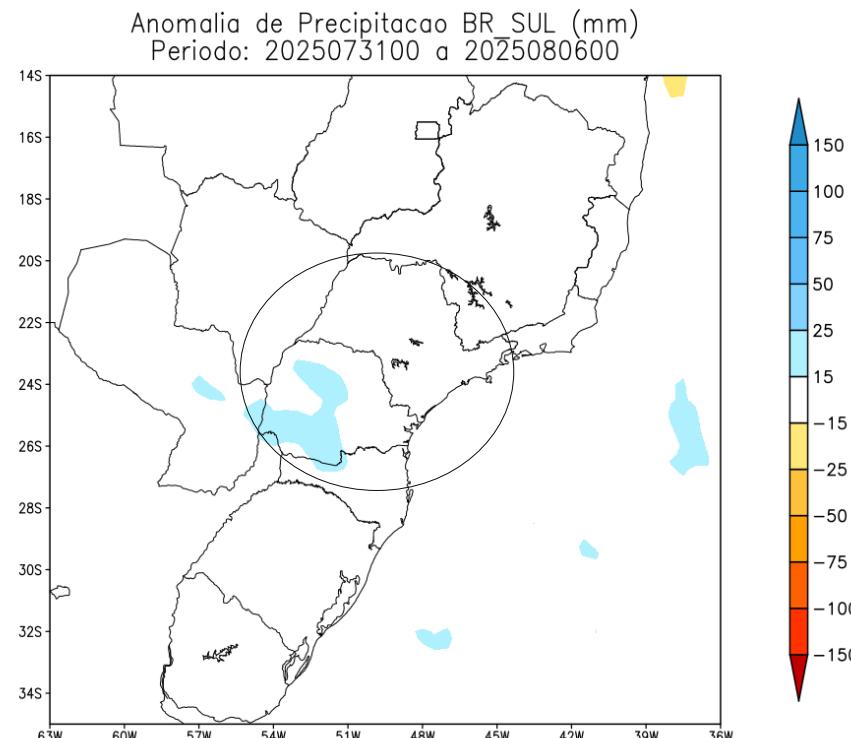
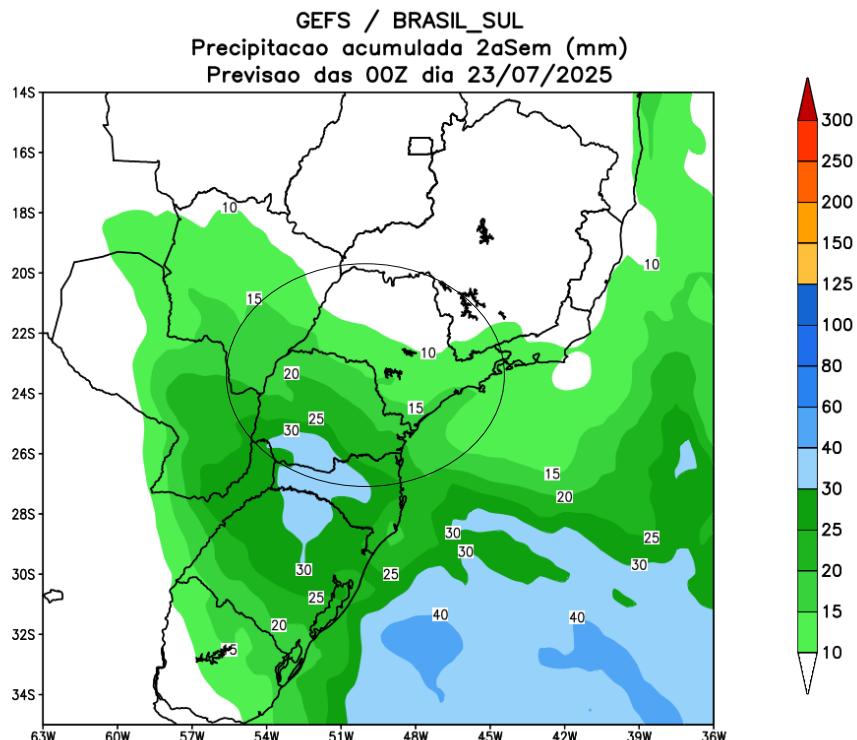


Previsão de chuva próximos 7 dias



MODELO GEFS

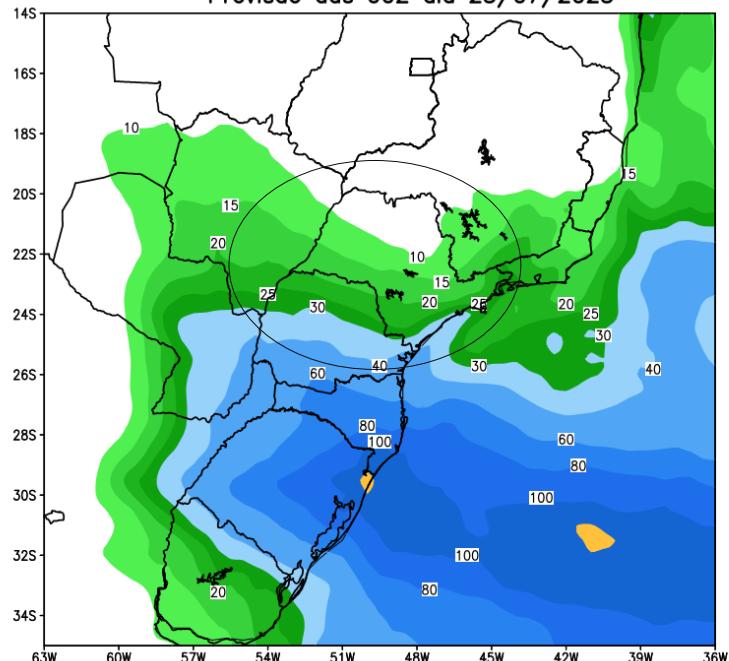
Tendência para a segunda semana



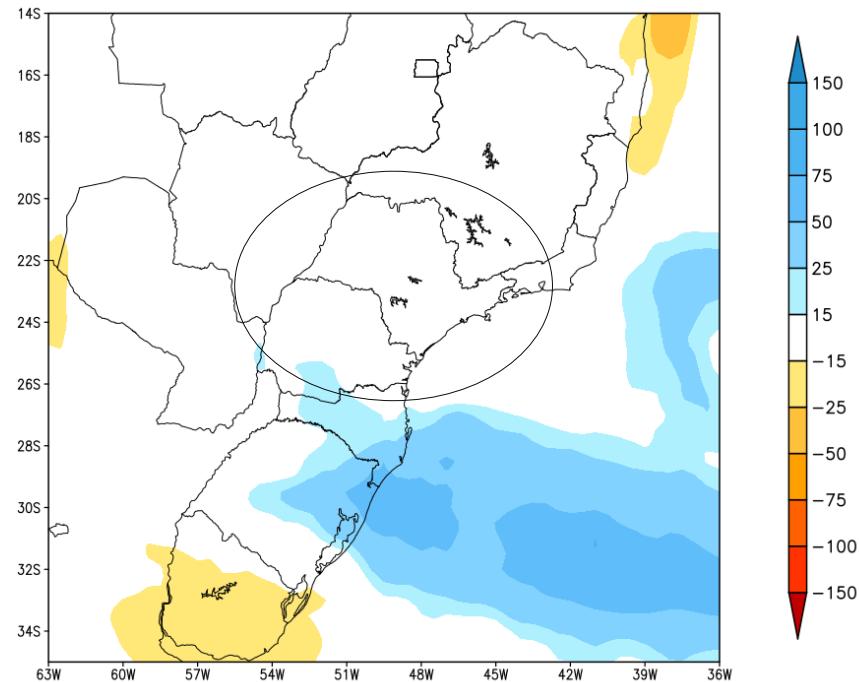
MODELO GEFS

Tendência para as duas próximas semanas

GEFS / BRASIL_SUL
Precipitacao acumulada 14dias (mm)
Previsao das 00Z dia 23/07/2025

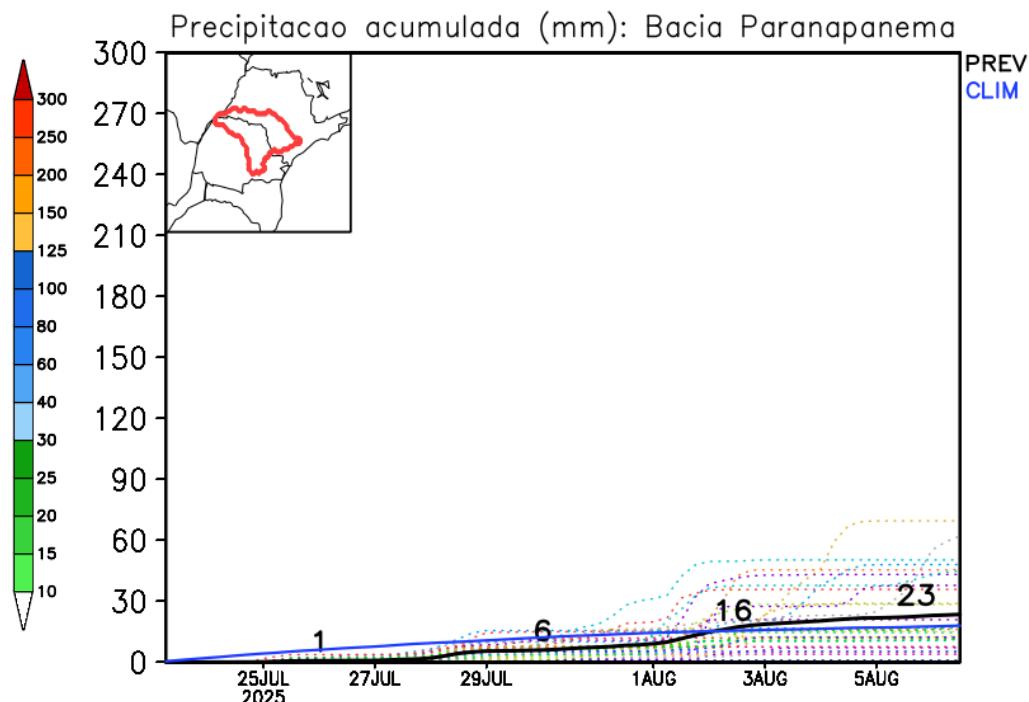
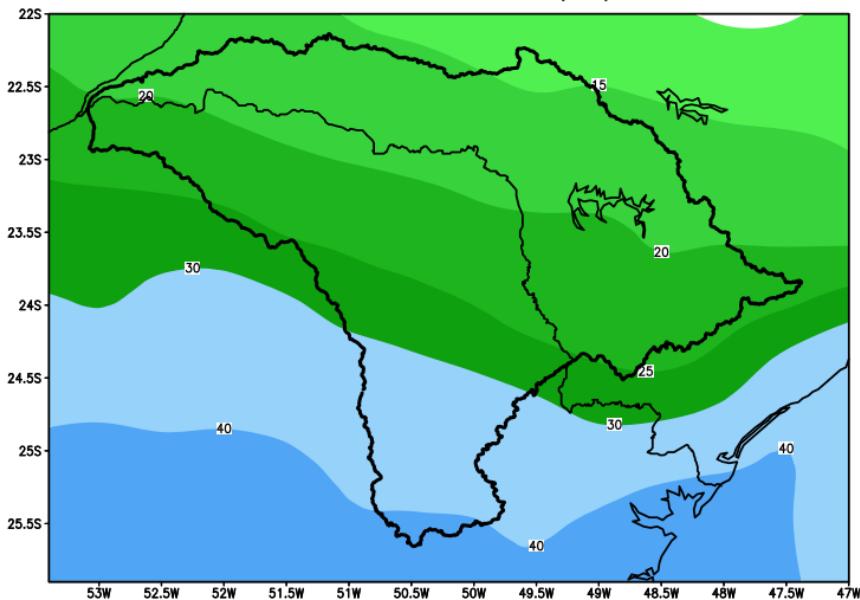


Anomalia de Precipitacao BR_SUL (mm)
Periodo: 2025072300 a 2025080600



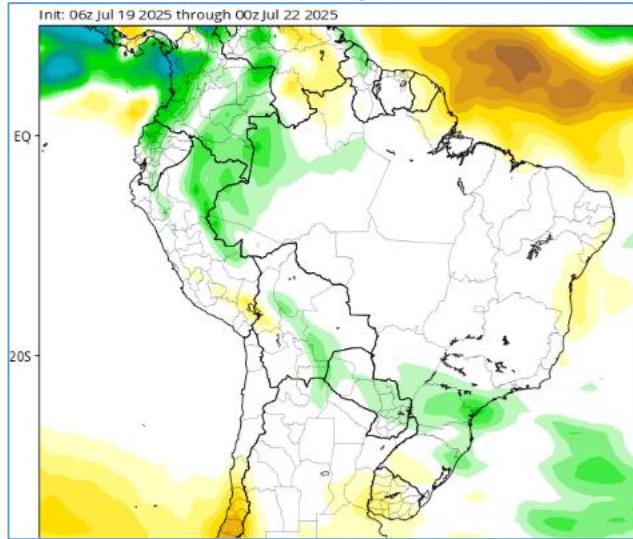
Previsão para a bacia do rio Paranapanema

GEFS / Bacia do Rio Paranapanema
Precipitação acumulada em 14 dias (mm)
Previsão das 00Z dia 23/07/2025



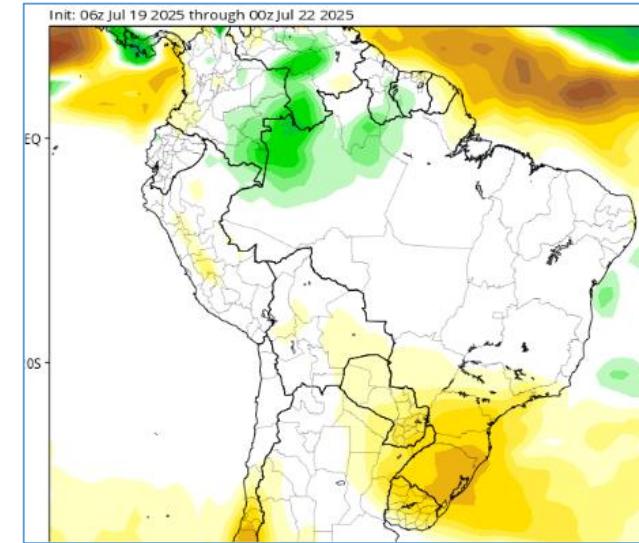
Tendência 3a e 4a semanas

05-12 Ago

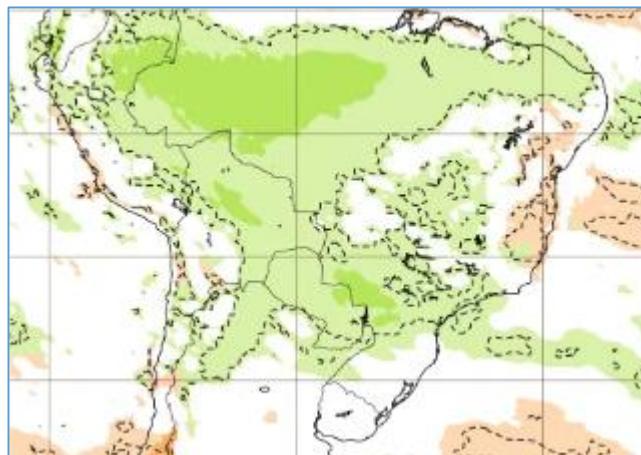


CFS/NOAA

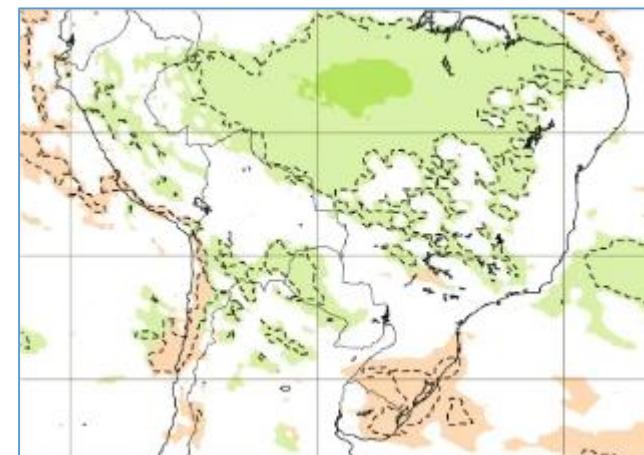
12 – 19 Ago



ECMWF



04-11 Ago

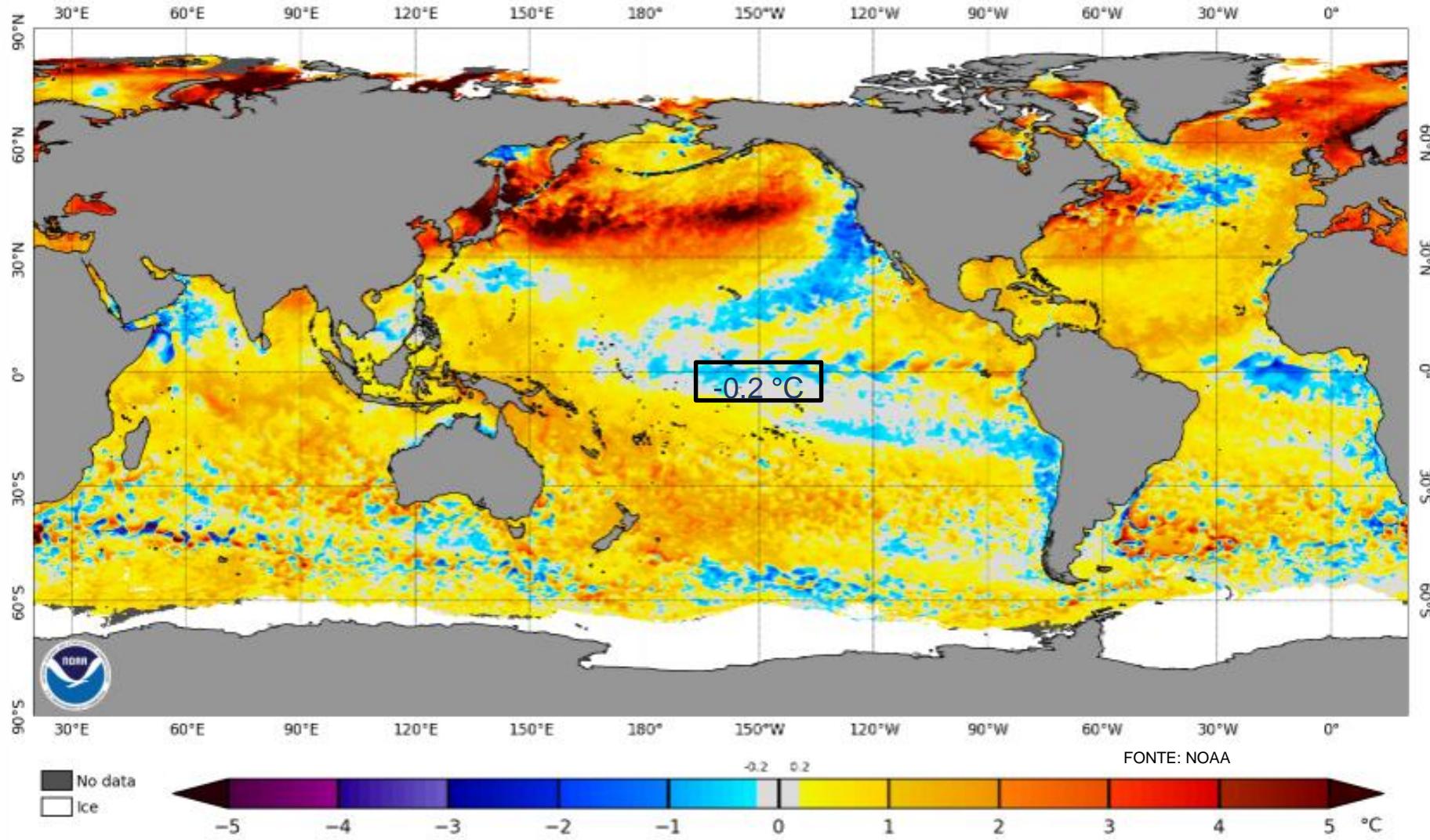


11 – 18 Ago



Status Atual: Neutralidade

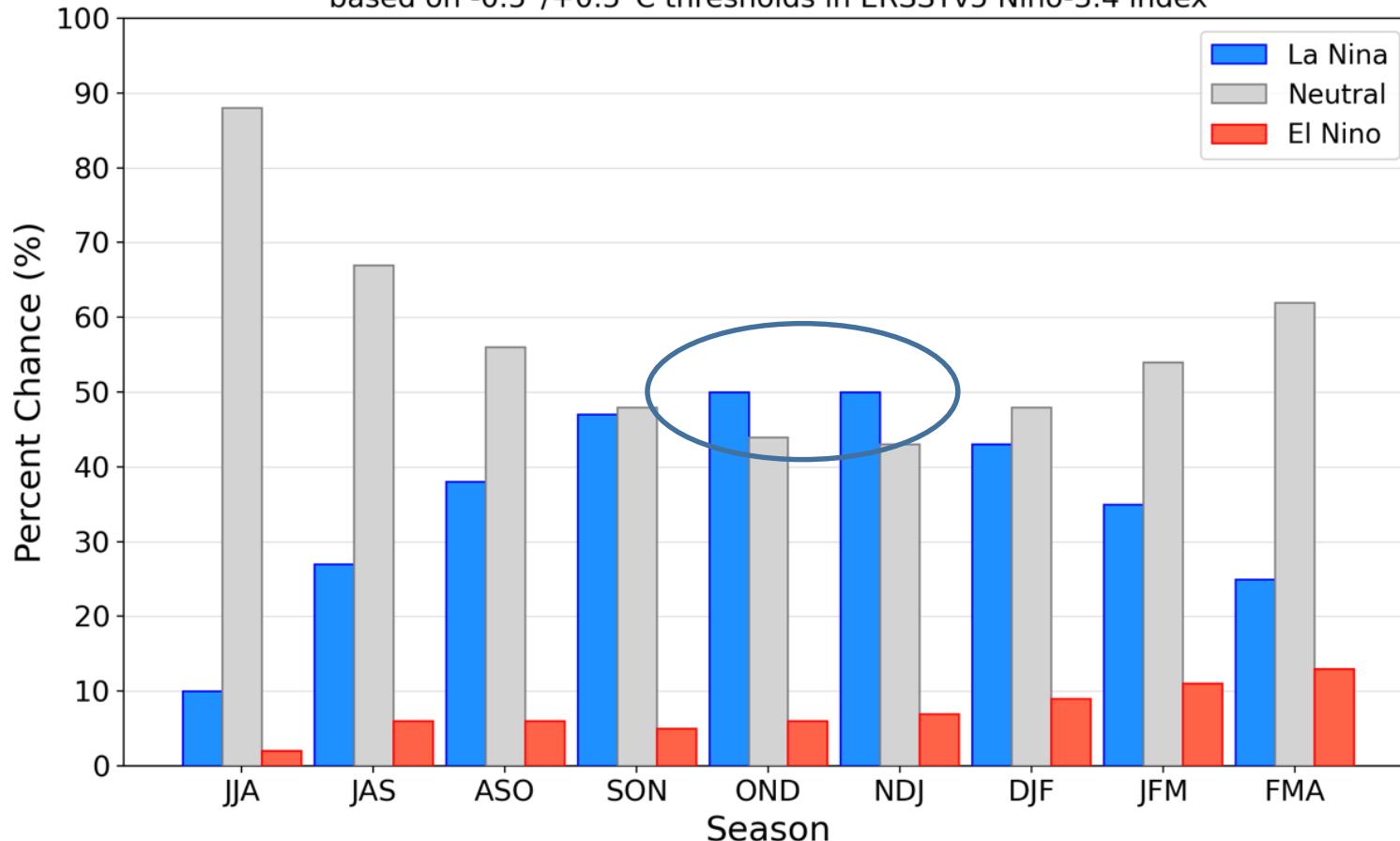
NOAA Coral Reef Watch Daily 5km SST Anomalies (v3.1) 21 Jul 2025



Previsão do “ENSO”

Official NOAA CPC ENSO Probabilities (issued July 2025)

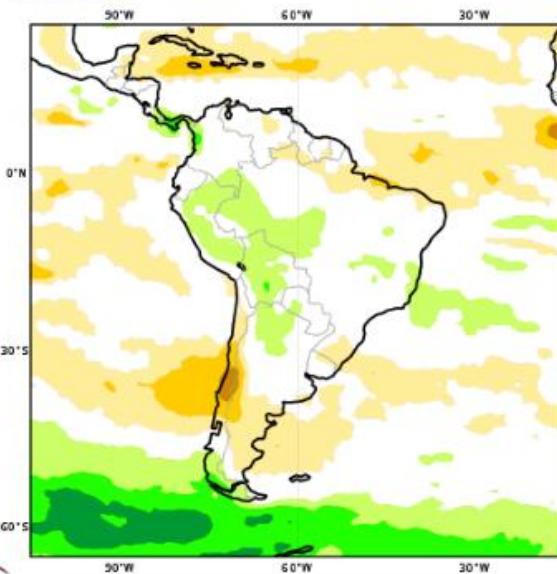
based on $-0.5^{\circ}/+0.5^{\circ}\text{C}$ thresholds in ERSSTv5 Niño-3.4 index



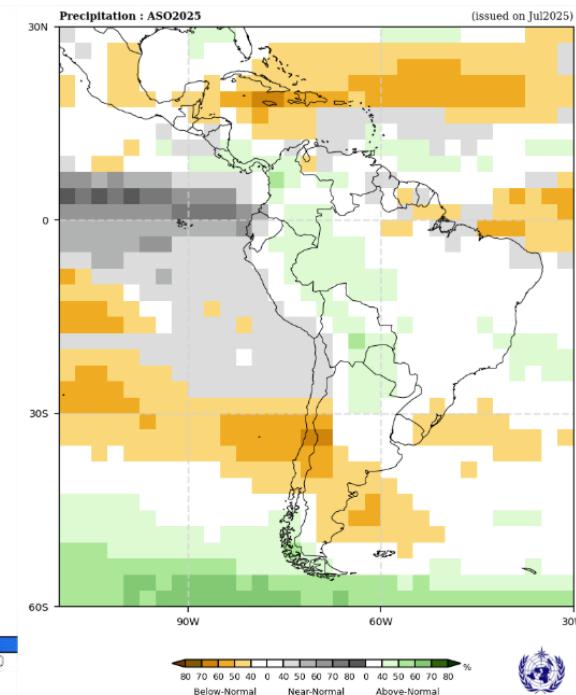
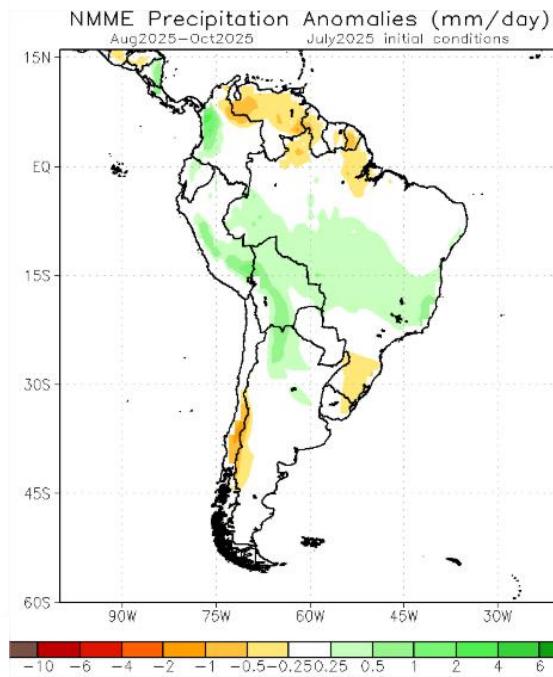
Previsão Sazonal de Chuva Multi-Modelo

Agosto-Setembro-Outubro

C3S multi-system seasonal forecast
Prob(most likely category of precipitation)
Nominal forecast start: 01/07/25
Unweighted mean



ASO 2025



Modelos "Europeus"

Modelos Norte Americanos

Modelos da WMO