

Monitoramento da bacia do rio Paranapanema

NOVEMBRO/2025



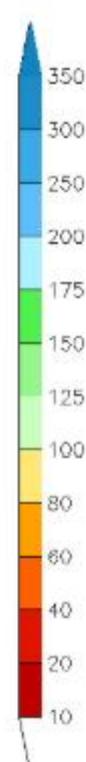
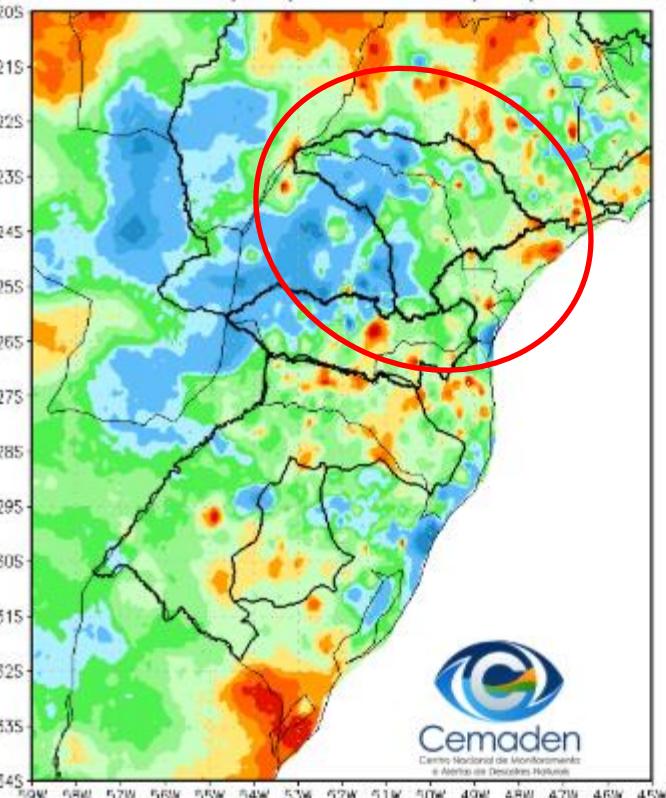
MINISTÉRIO DA
CIÊNCIA, TECNOLOGIA
E INOVAÇÃO

GOVERNO DO
BRASIL
DO LADO DO Povo BRASILEIRO

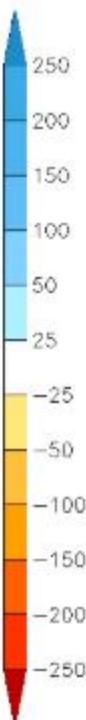
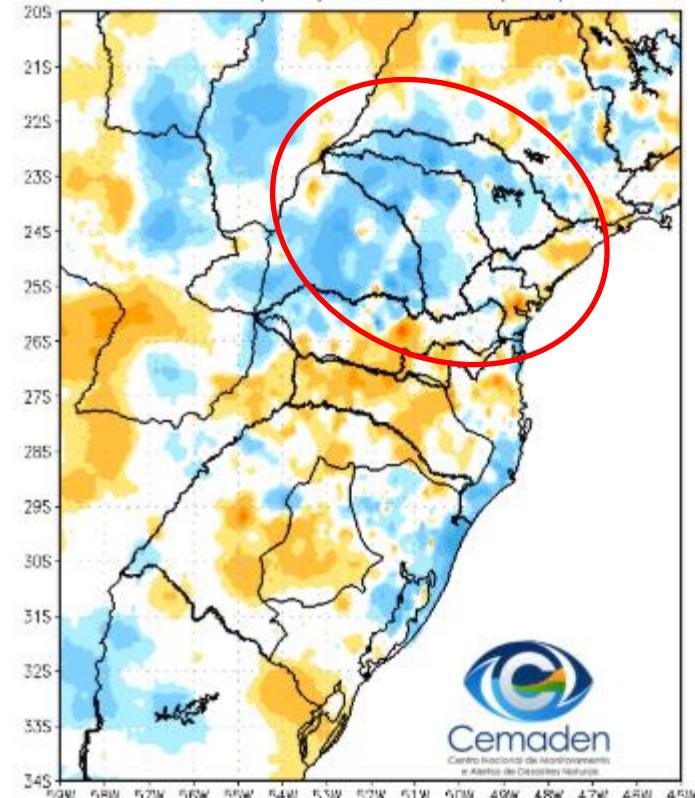


Precipitação acumulada nos últimos 30 dias

Precipitacao Acumulada (mm) A.S.
Periodo: 25/10/2025 a 24/11/2025

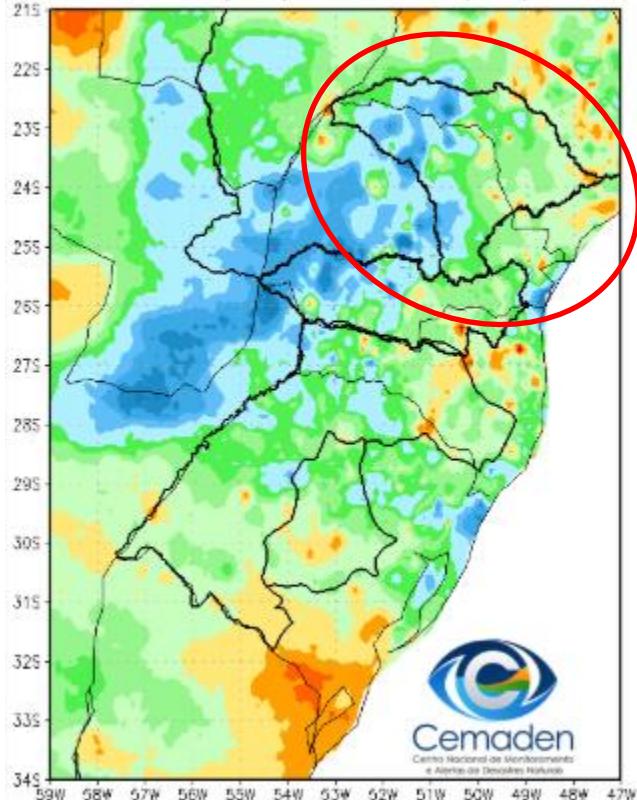


Anomalia de Precipitacao (mm) A.S.
Periodo: 25/10/2025 a 24/11/2025

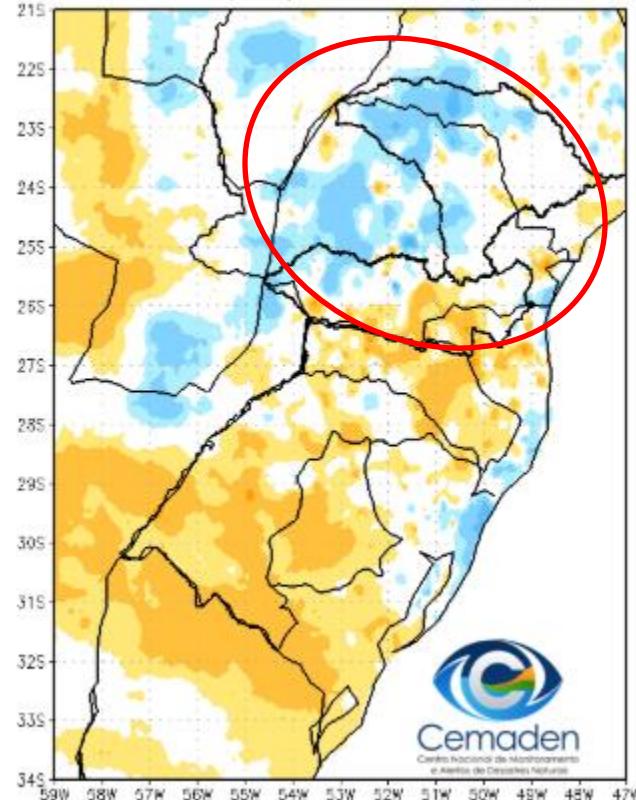


Precipitação no Ano Hidrológico

Precipitação Acumulada (mm) A.S.
Período: 01/10/2025 a 24/11/2025

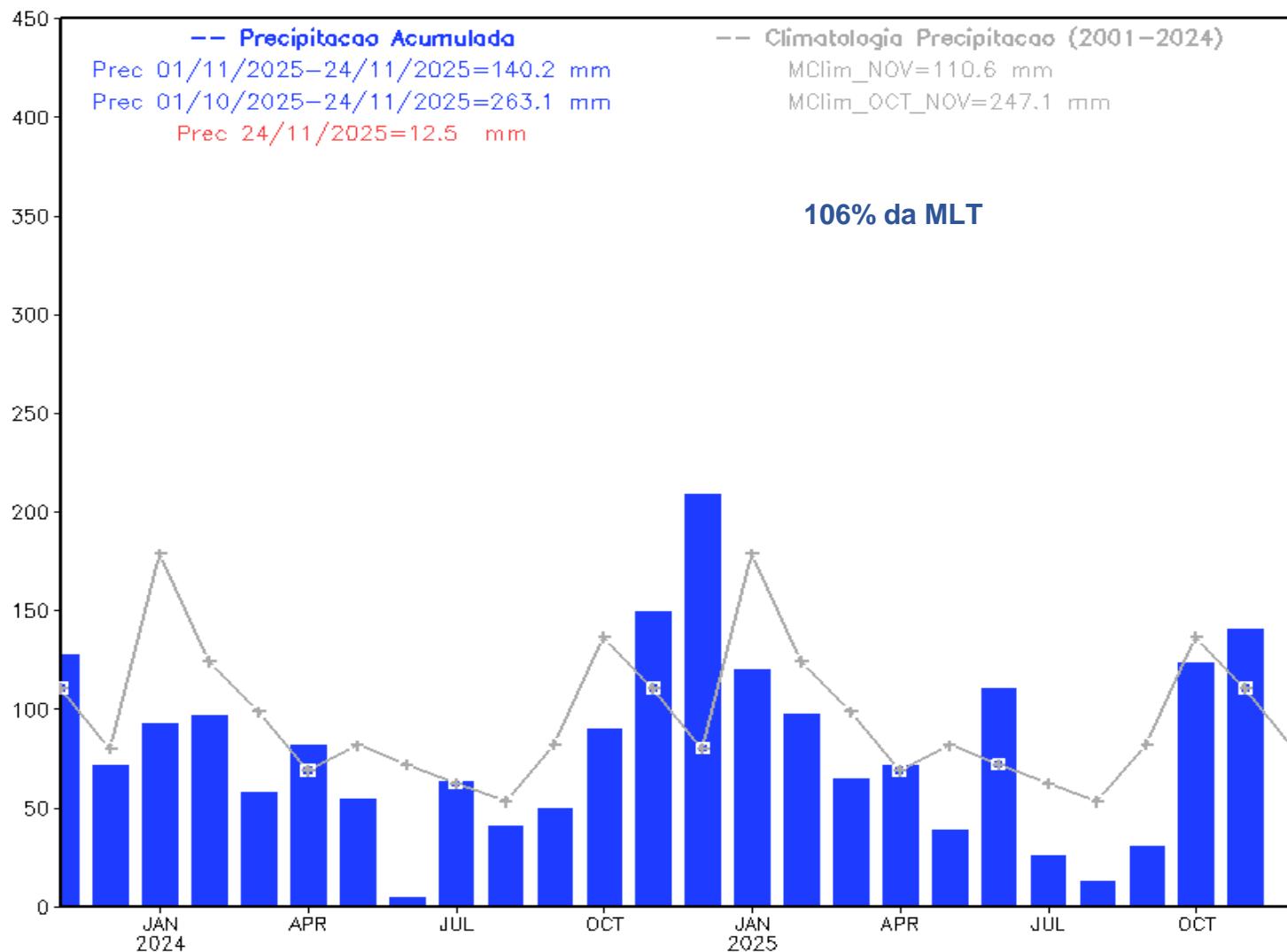


Anomalia de Precipitação (mm) A.S.
Período: 01/10/2025 a 24/11/2025

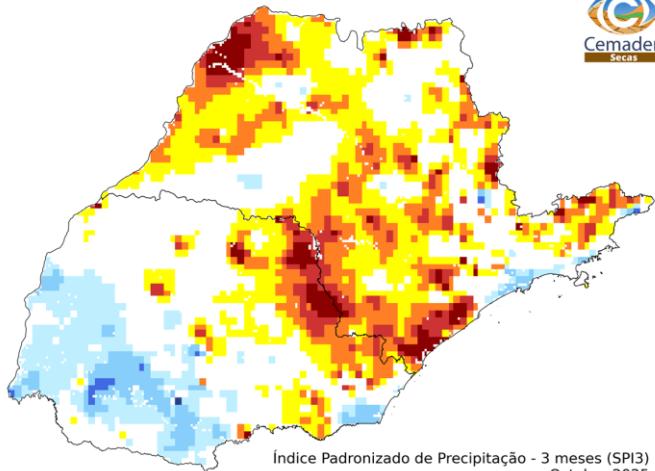
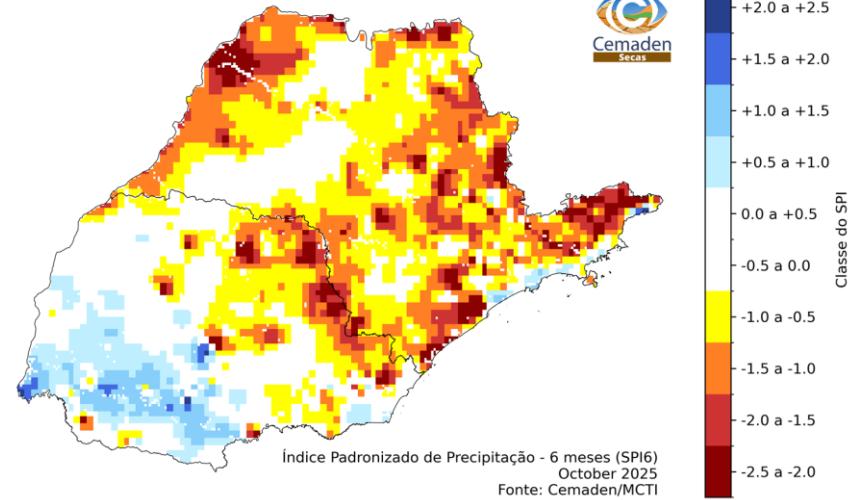


Evolução Temporal da Precipitação

Precipitação Bacia do Rio Paranapanema desde NOV 2023

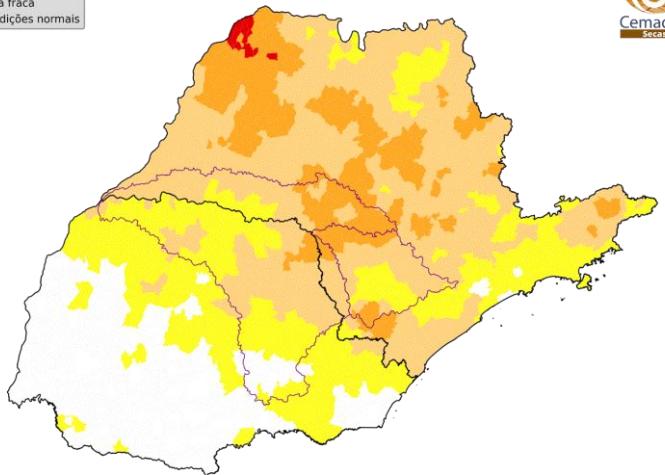


SPI: OUTUBRO 2025

SPI-03**SPI-06**

ÍNDICE INTEGRADO DE SECA: ANÁLISE POR MUNICÍPIOS

IIS-03 OBSERVADO

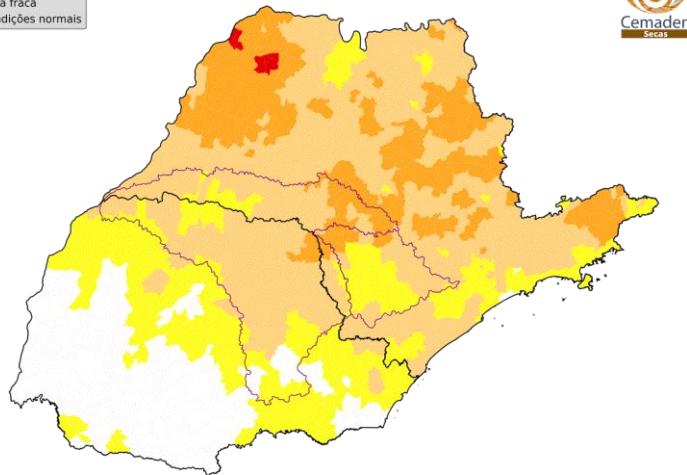


Número de municípios
segundo classes de seca:

Seca excepcional:	0 (0.0%)
Seca extrema:	0 (0.0%)
Seca severa:	54 (18.9%)
Seca moderada:	136 (47.7%)
Seca fraca:	87 (30.5%)
Condições normais:	8 (2.8%)

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

IIS-06 OBSERVADO



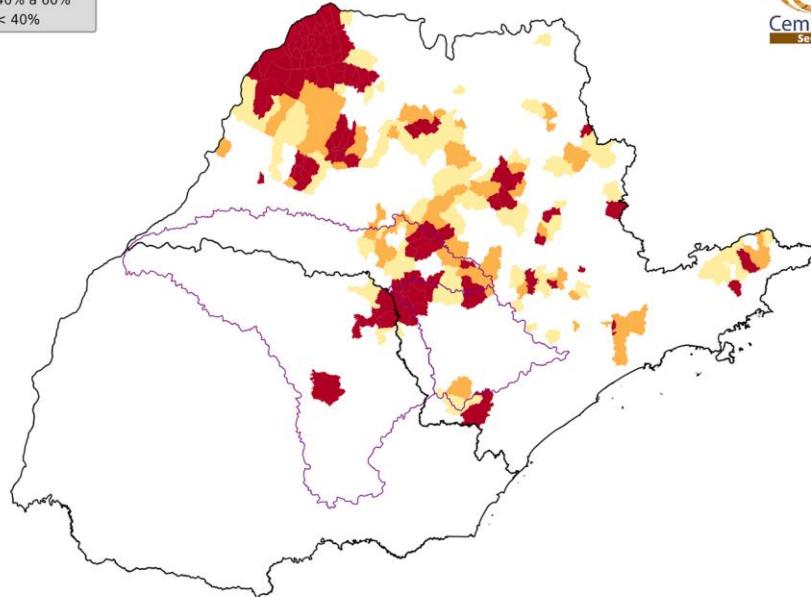
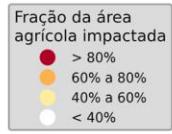
Número de municípios
segundo classes de seca:

Seca excepcional:	0 (0.0%)
Seca extrema:	0 (0.0%)
Seca severa:	41 (14.4%)
Seca moderada:	175 (61.4%)
Seca fraca:	63 (22.1%)
Condições normais:	6 (2.1%)

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

ÁREAS DE PASTAGENS E AGRÍCOLAS AFETADAS PELA SECA

OUTUBRO

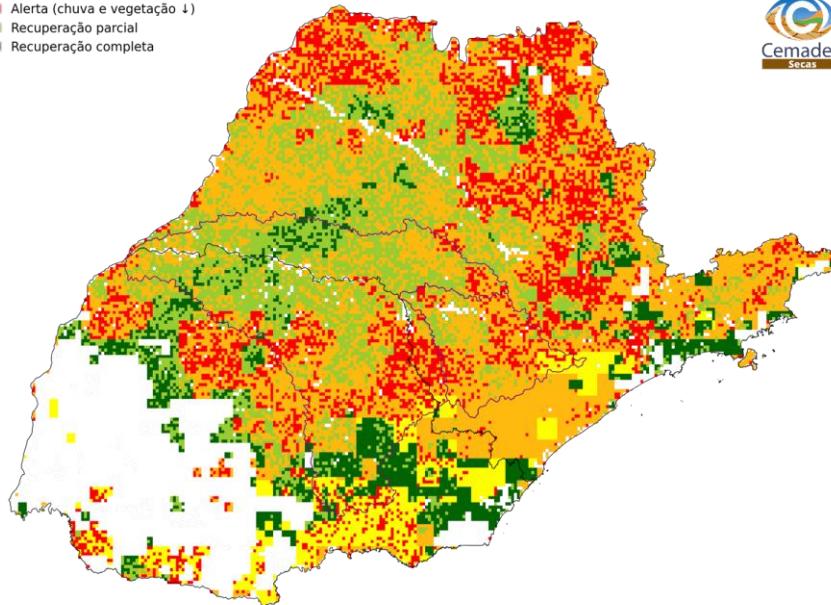


Área agro-pastoril municipal afetada pela seca
October 2025
Fonte: Cemaden/MCTI

PROGRESSÃO DAS CONDIÇÕES DE SECA (PCS)

Progressão da seca

- Condição normal
- Observação (chuva ↓)
- Atenção (chuva e umid. solo ↓)
- Alerta (chuva e vegetação ↓)
- Recuperação parcial
- Recuperação completa

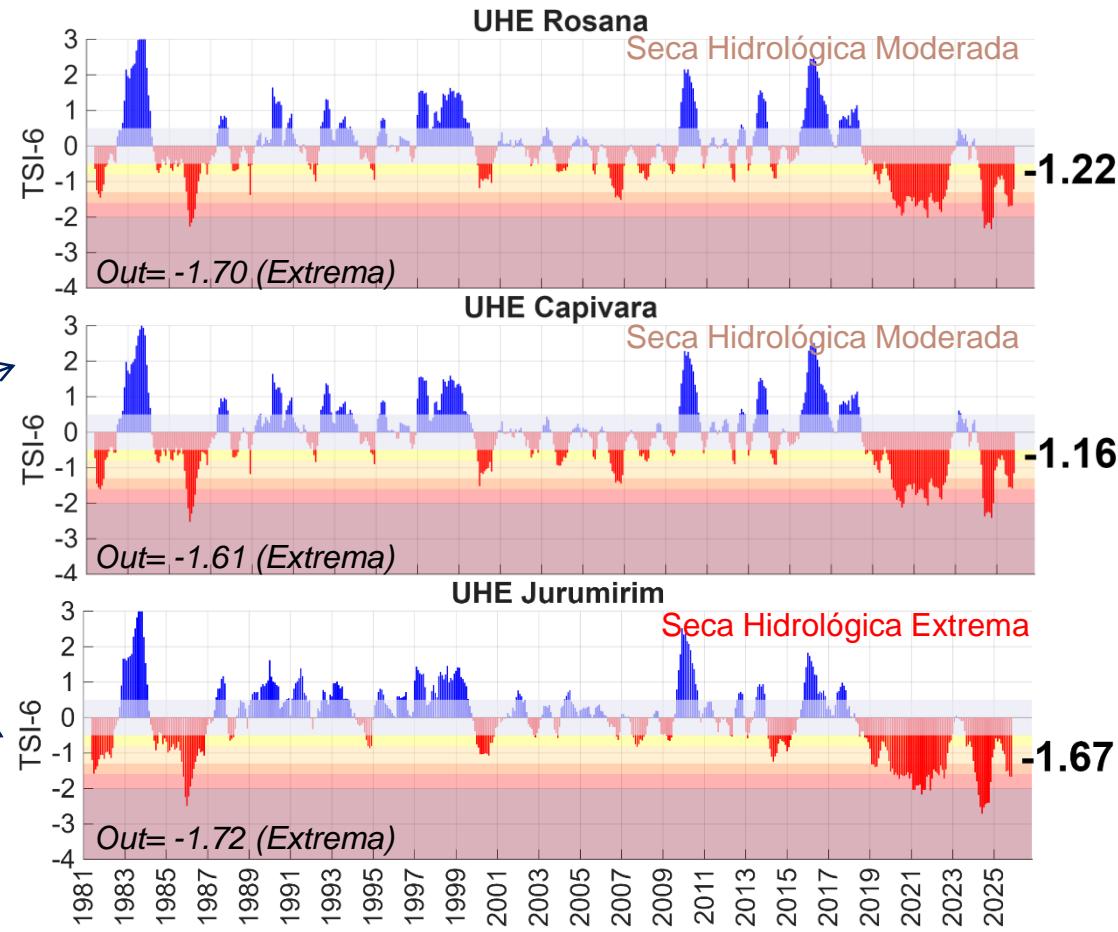
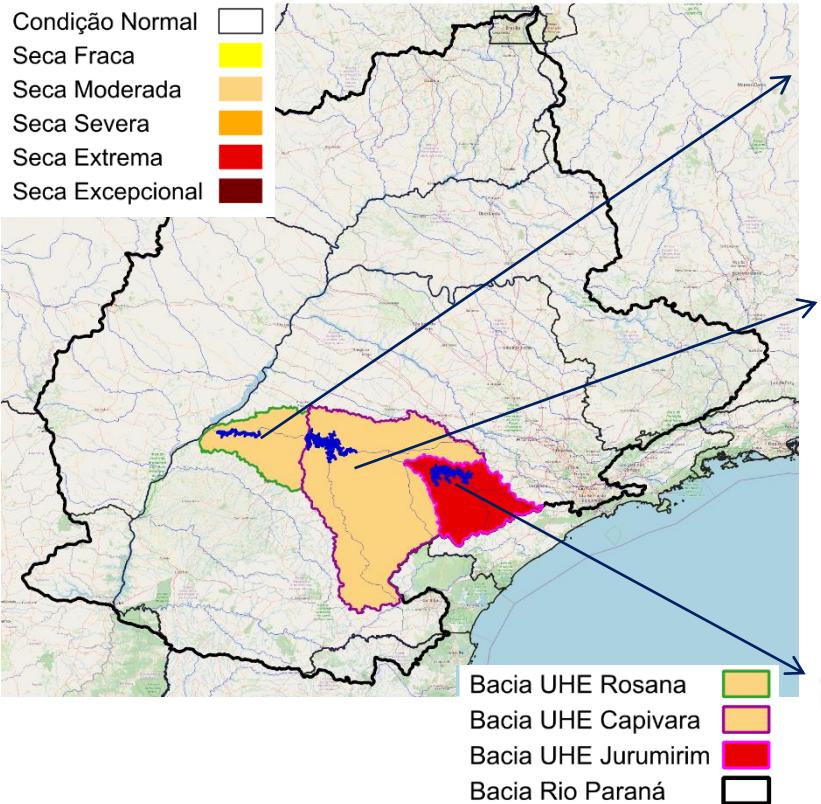


Progressão e Intensificação das Condições de Seca (PICS)
October 2025
Fonte: Cemaden/MCTI

Índice Bivariado de Seca (Precipitação-Vazão) - TSI

Escala de Longo Prazo: TSI-6 meses

Nov/2025 - Parcial



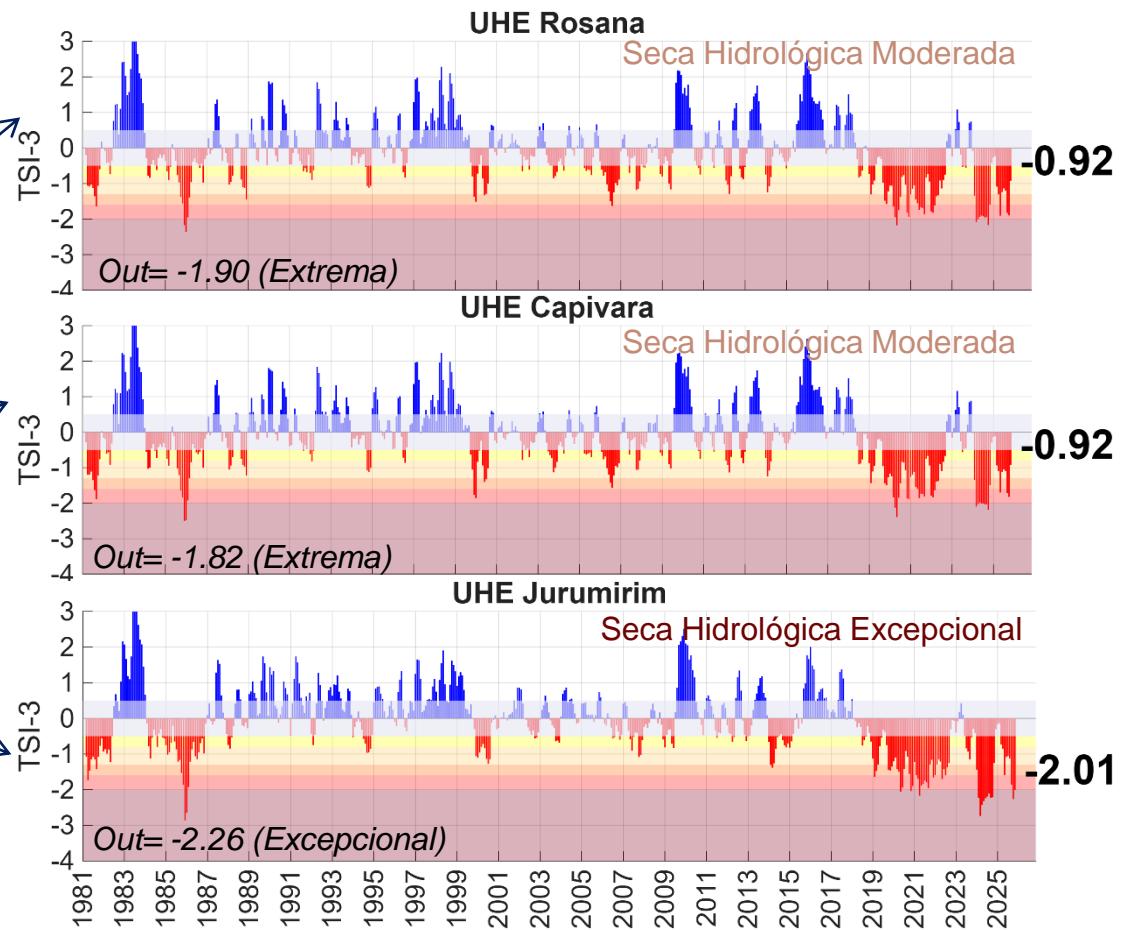
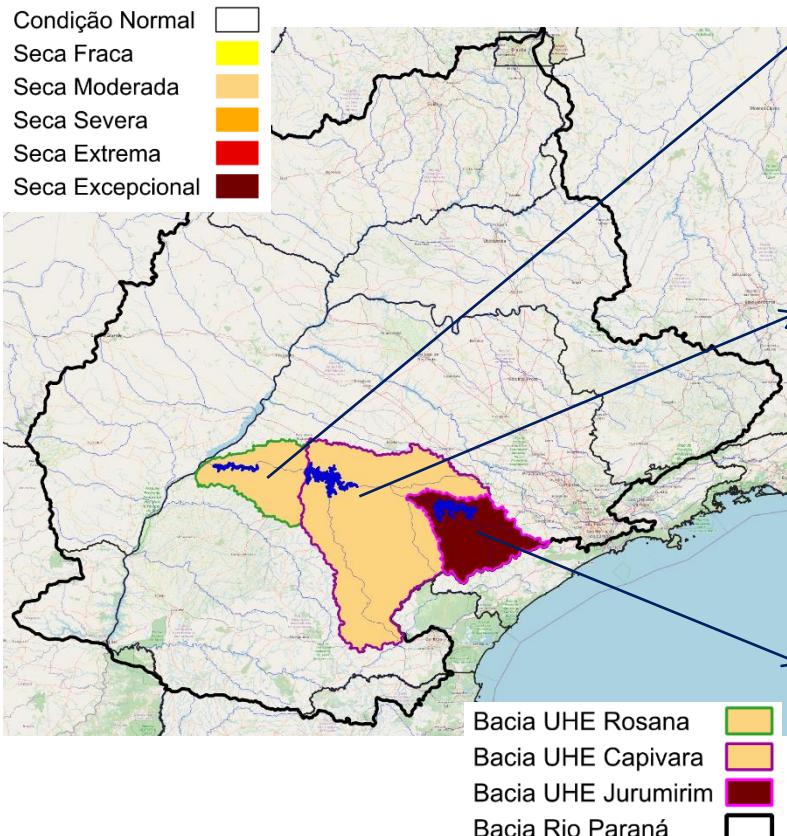
Fonte: CEMADEN

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

Índice Bivariado de Seca (Precipitação-Vazão) - TSI

Escala de Curto Prazo: TSI-3 meses

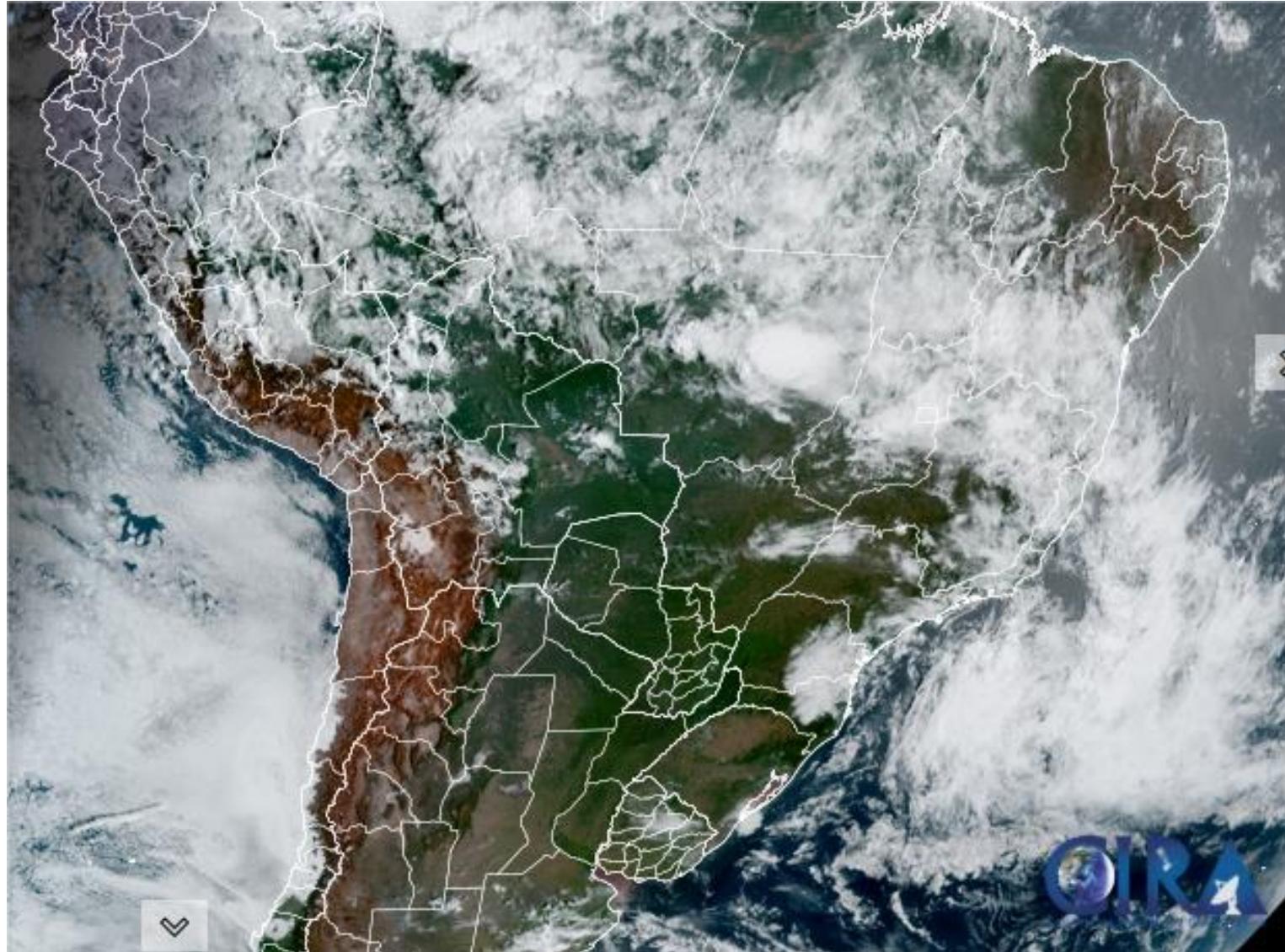
Nov/2025 - Parcial



Fonte: CEMADEN

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

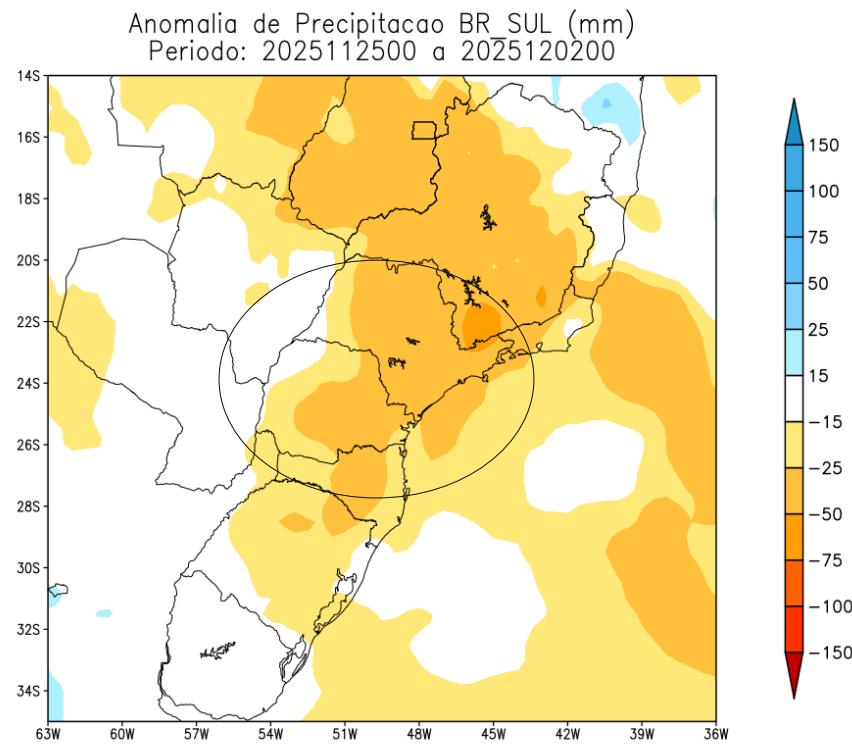
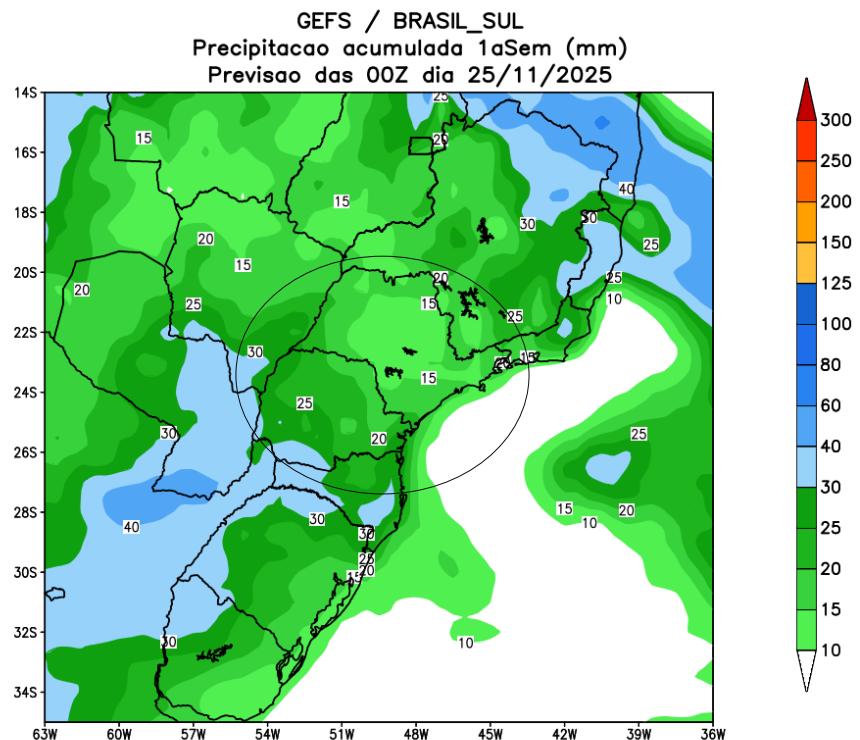
Situação meteorológica atual



FONTE: INMET

CIR^A

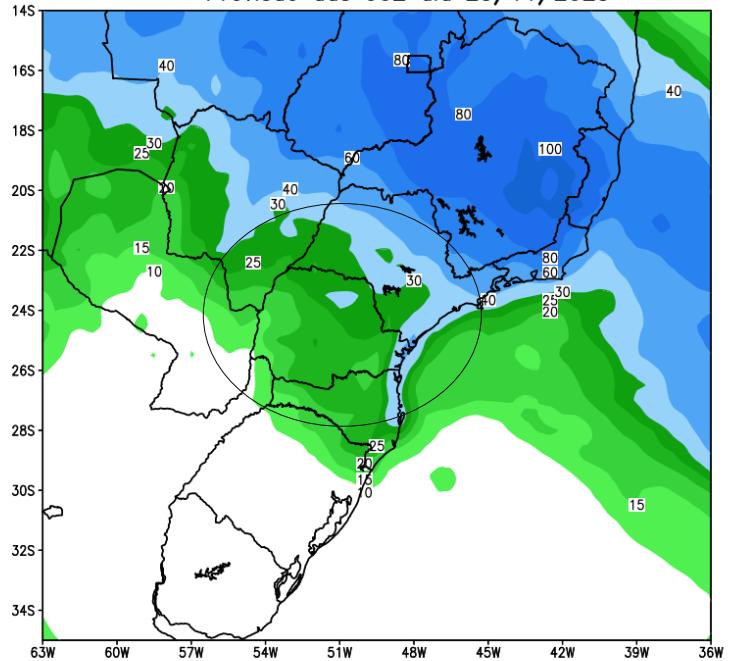
Previsão de chuva próximos 7 dias



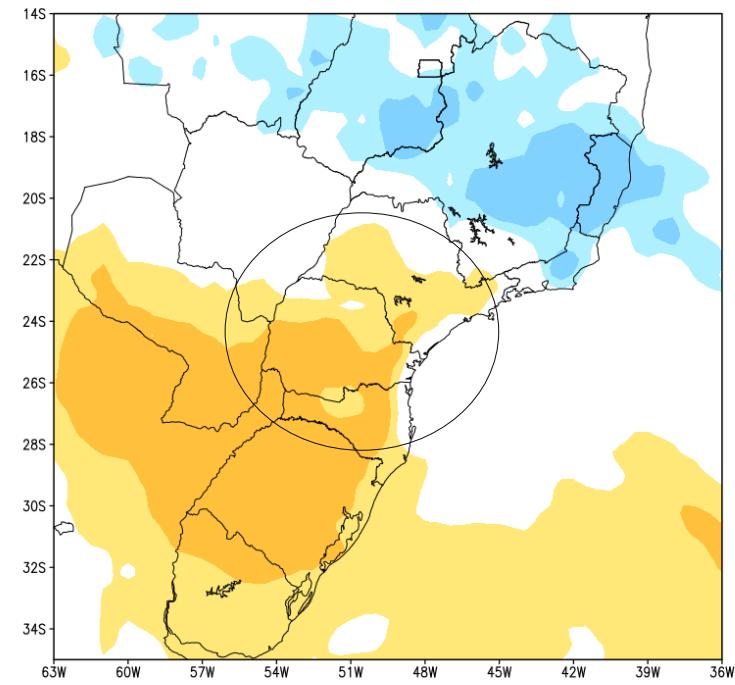
MODELO GEFS

Tendência para a segunda semana

GEFS / BRASIL_SUL
Precipitacao acumulada 2aSem (mm)
Previsao das 00Z dia 25/11/2025

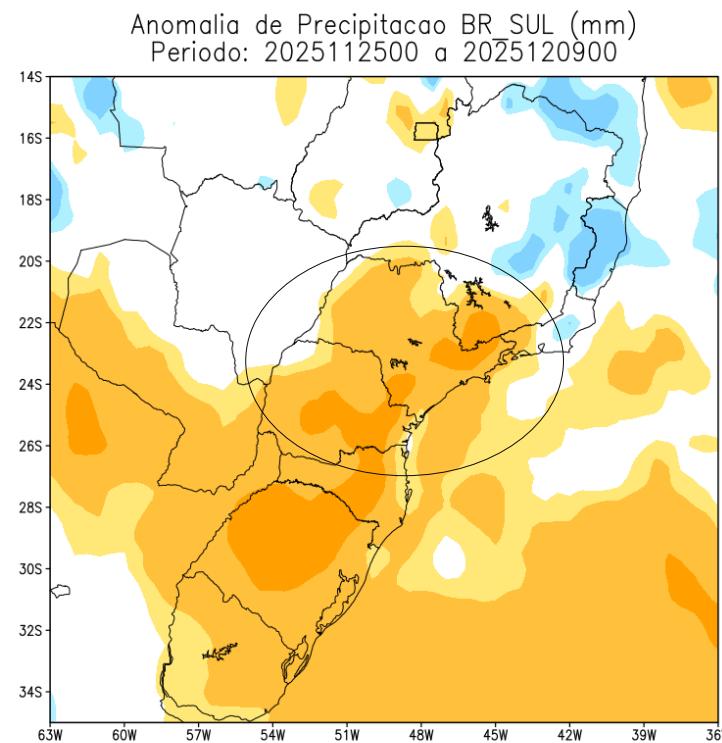
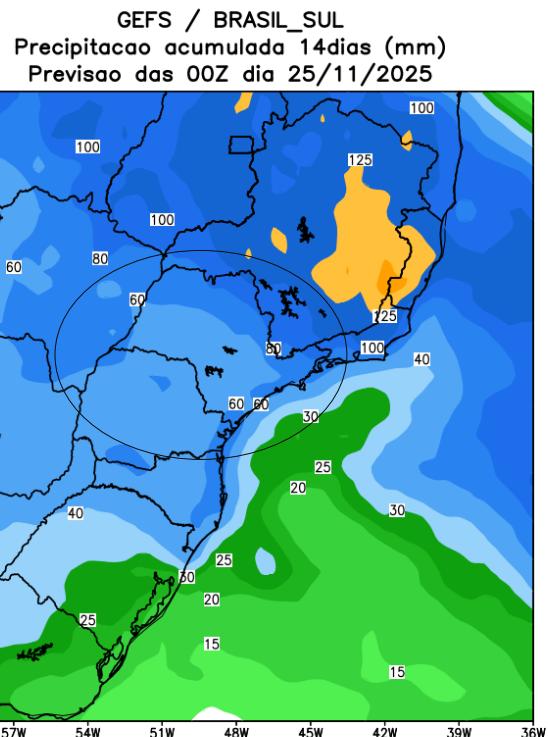


Anomalia de Precipitacao BR_SUL (mm)
Periodo: 2025120300 a 2025120900



MODELO GEFS

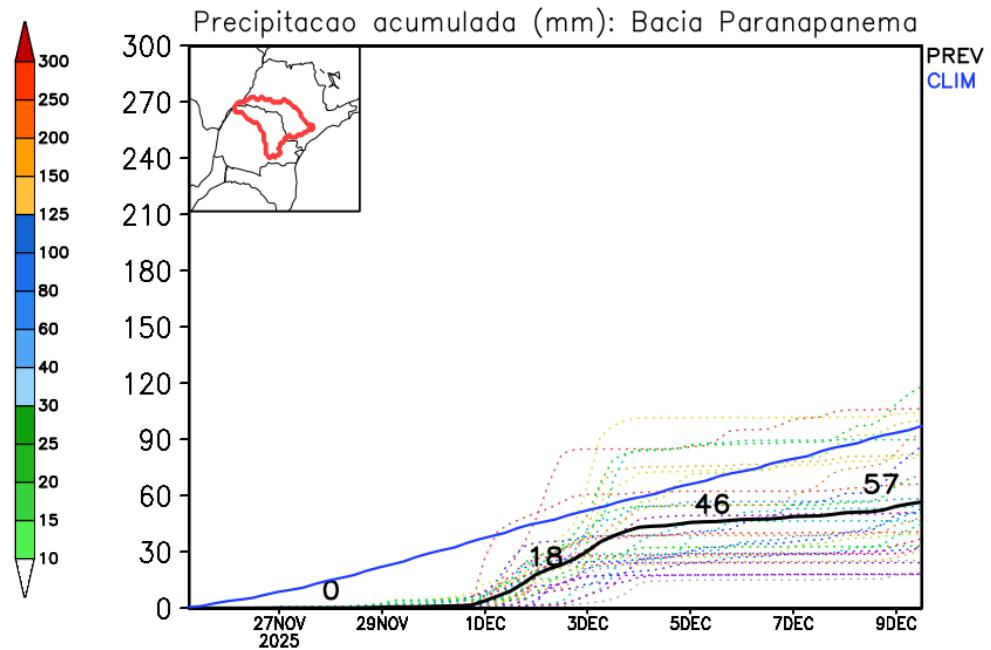
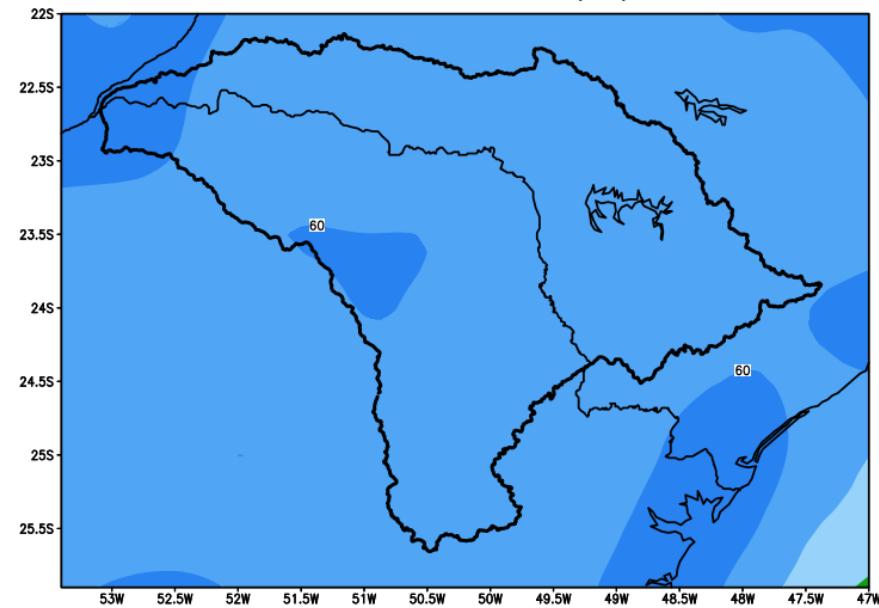
Tendência para as duas próximas semanas



MODELO GEFS

Previsão para a bacia do rio Paranapanema

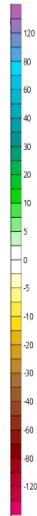
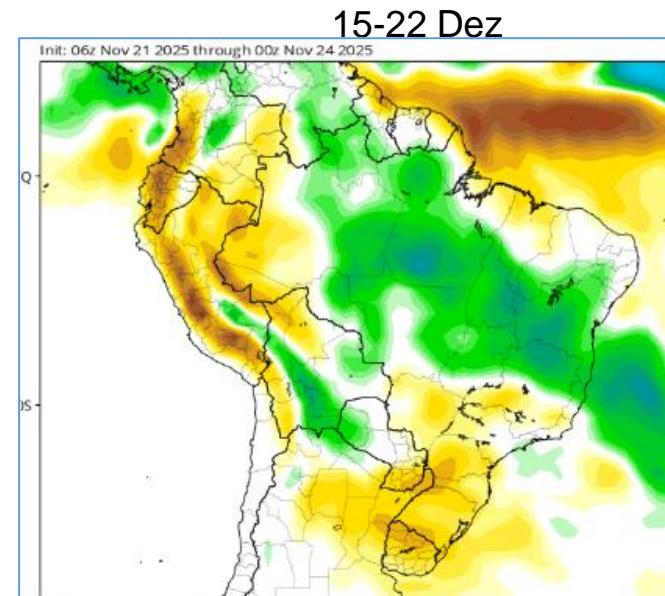
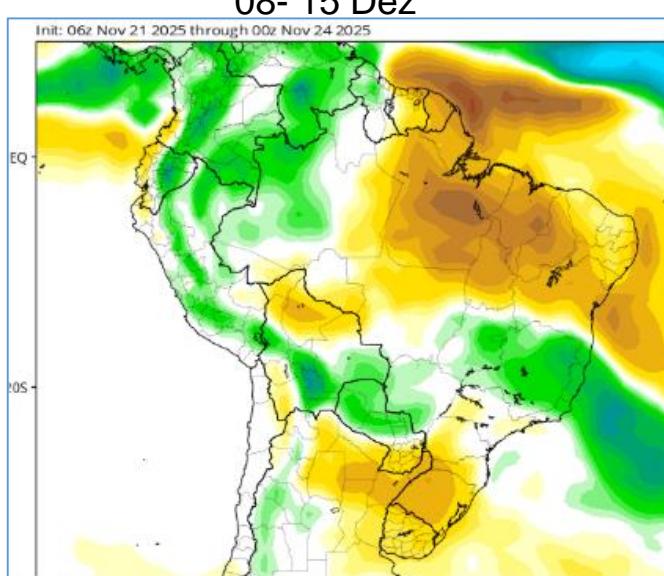
GEFS / Bacia do Rio Paranapanema
Precipitação acumulada em 14 dias (mm)
Previsão das 00Z dia 25/11/2025



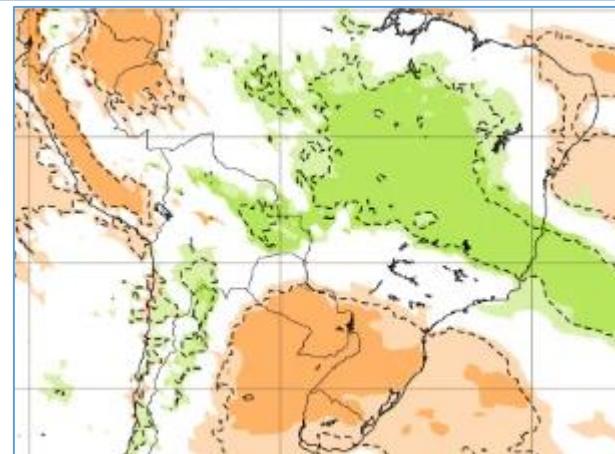
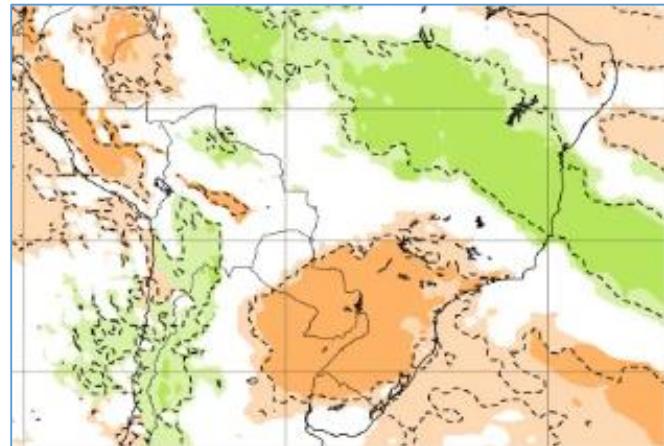
MODELO GEFS

Tendência 3a e 4a semanas

CFS/NOAA

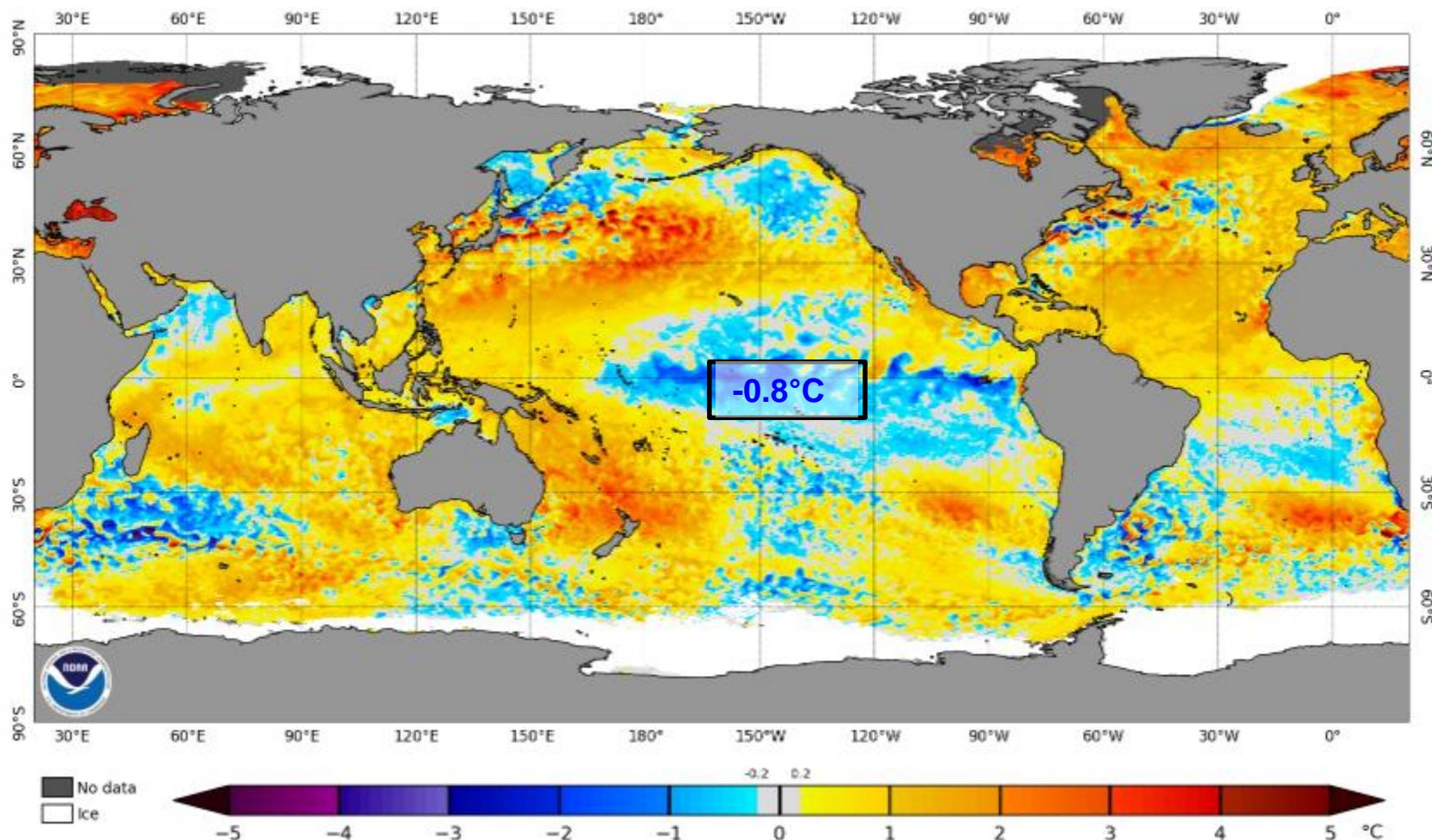


ECMWF

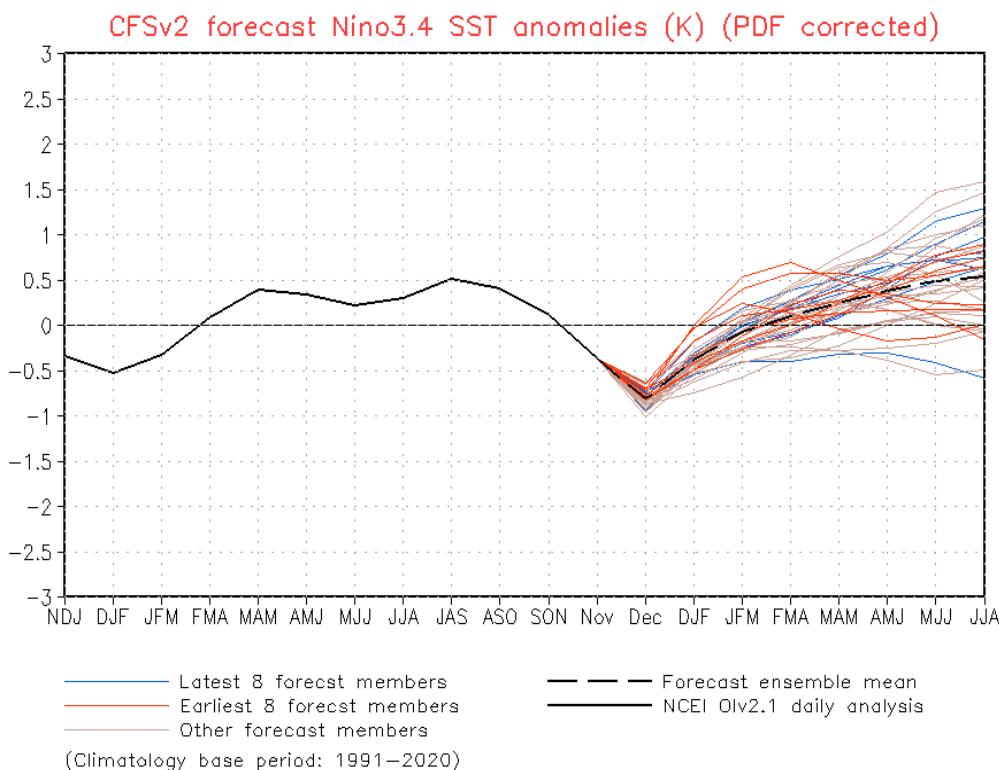
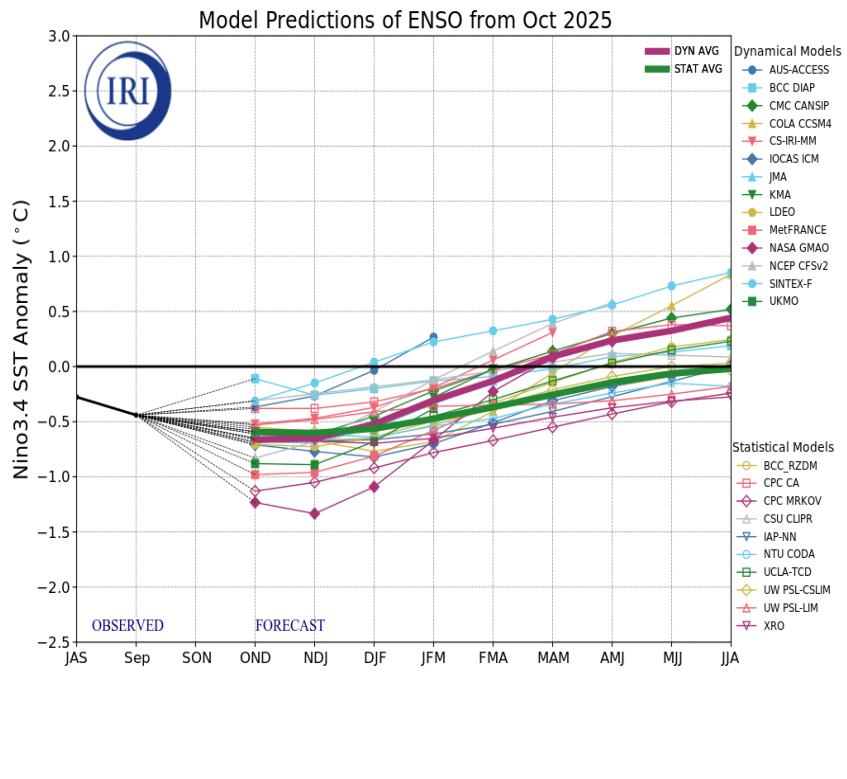


Status Atual: La Niña

NOAA Coral Reef Watch Daily 5km SST Anomalies (v3.1) 23 Nov 2025

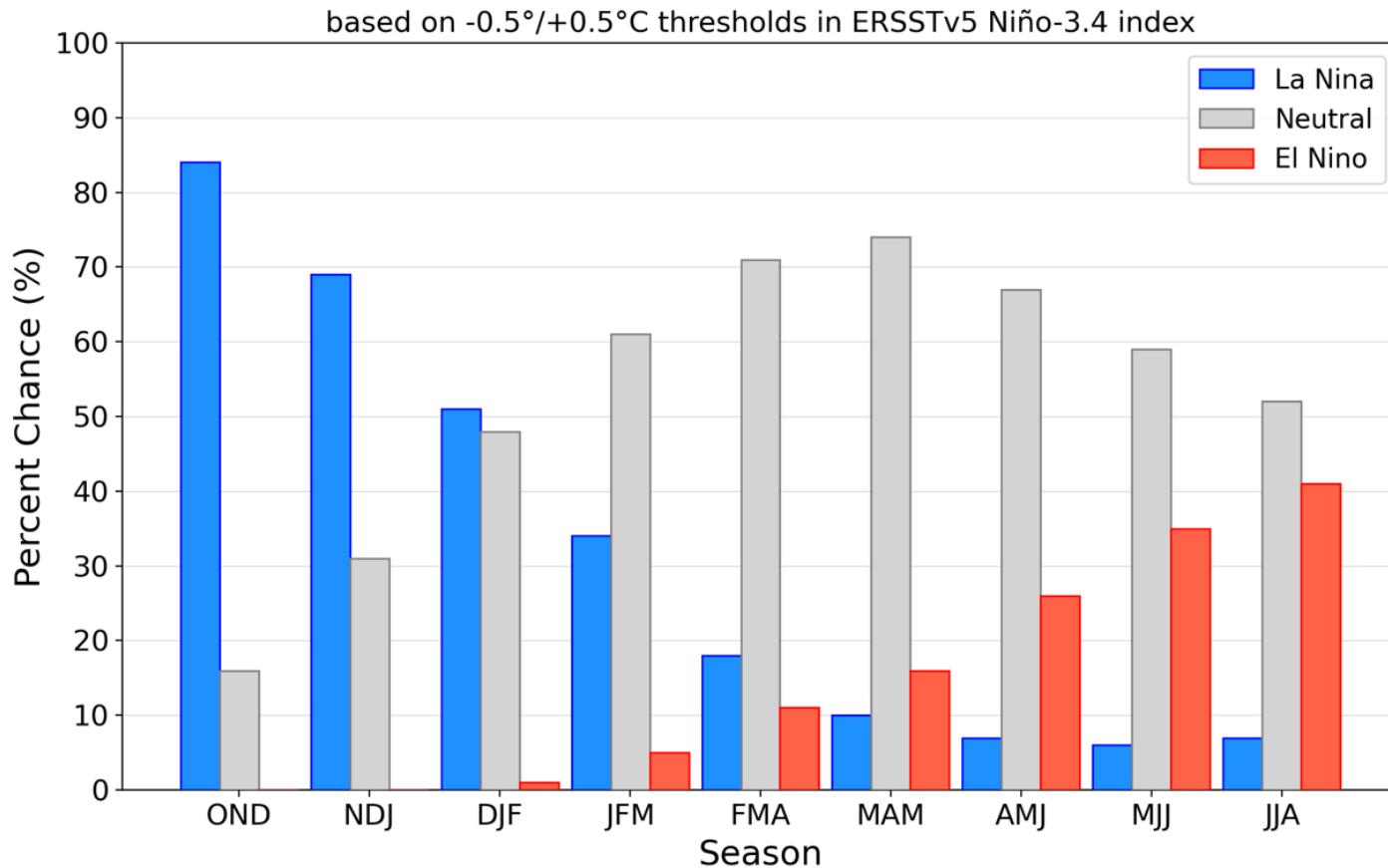


Previsão do “ENSO”



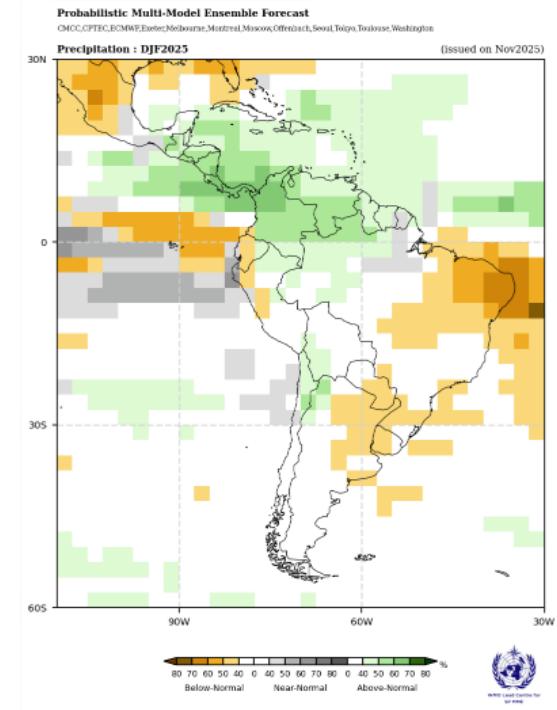
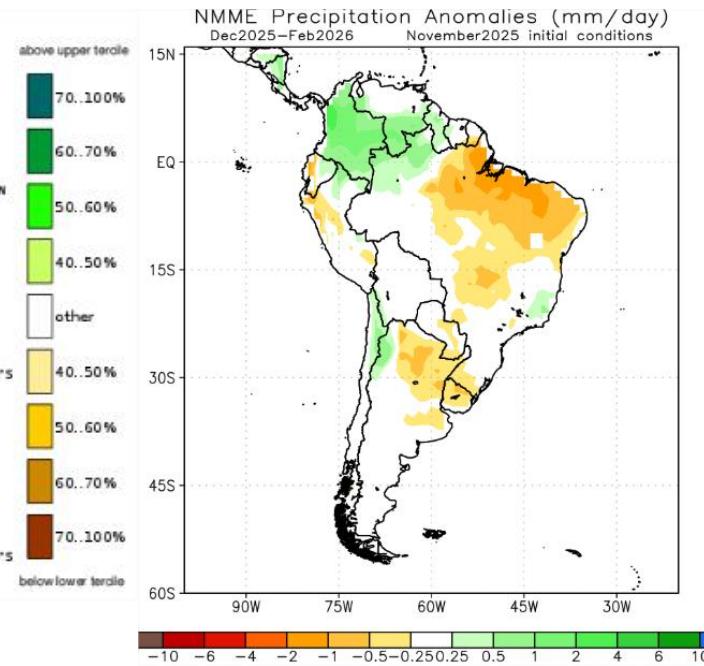
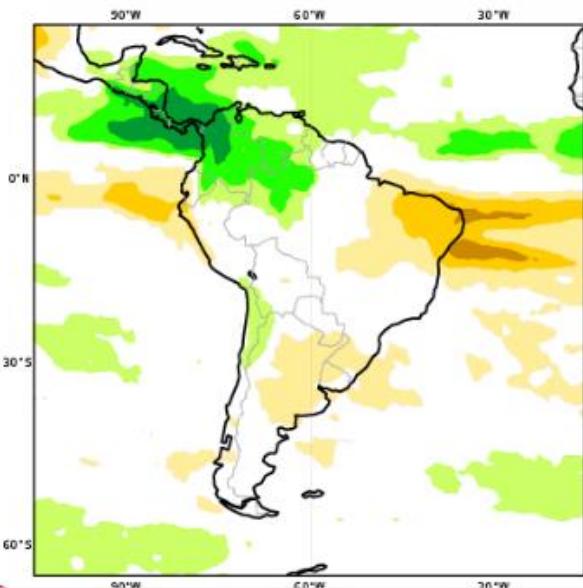
Previsão do “ENSO”

Official NOAA CPC ENSO Probabilities (issued November 2025)



Previsão Sazonal de Chuva Multi-Modelo

Dezembro-Janeiro-Fevereiro



Modelos Europeus

Modelos Norte Americanos

Modelos da WMO