

Monitoramento da bacia do rio Paranapanema

FEVEREIRO 2026

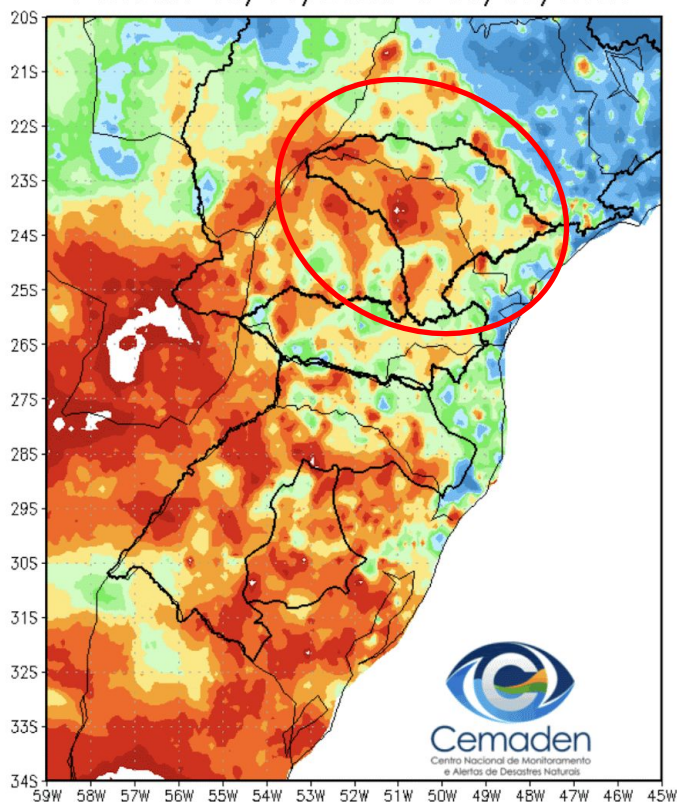


MINISTÉRIO DA
CIÊNCIA, TECNOLOGIA
E INOVAÇÃO

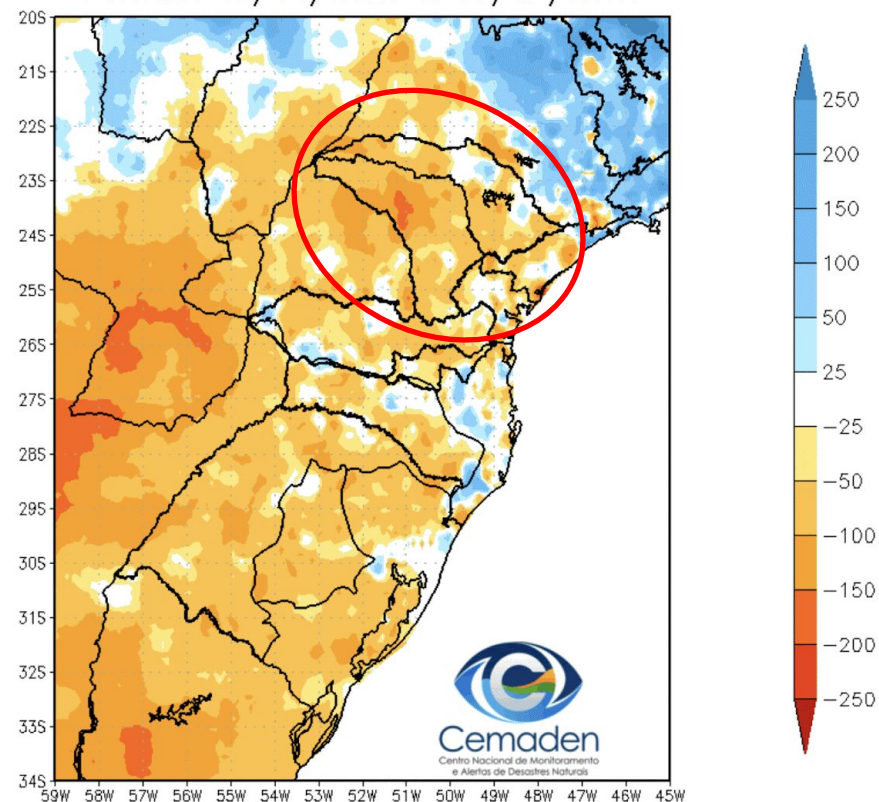


Precipitação acumulada nos últimos 30 dias

Precipitação Acumulada (mm) A.S.
Período: 19/01/2026 a 18/02/2026

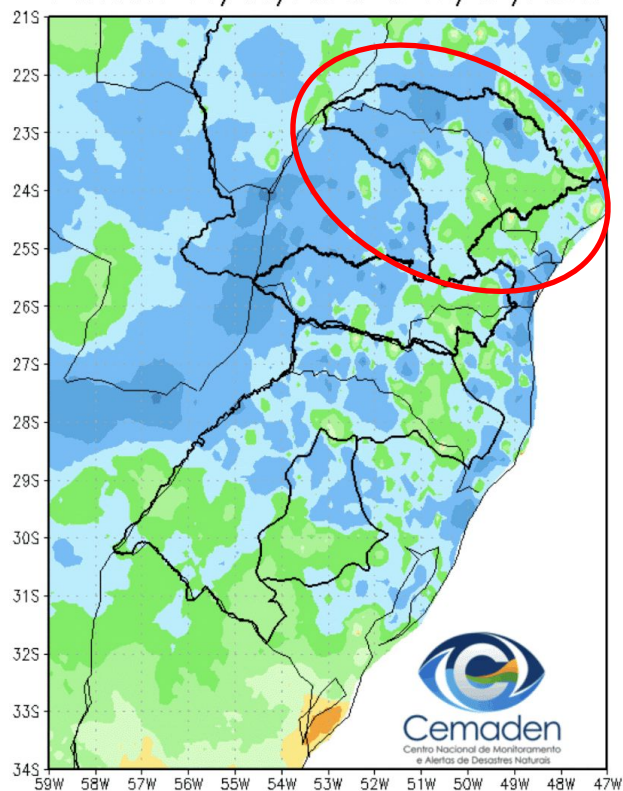


Anomalia de Precipitação (mm) A.S.
Período: 19/01/2026 a 18/02/2026

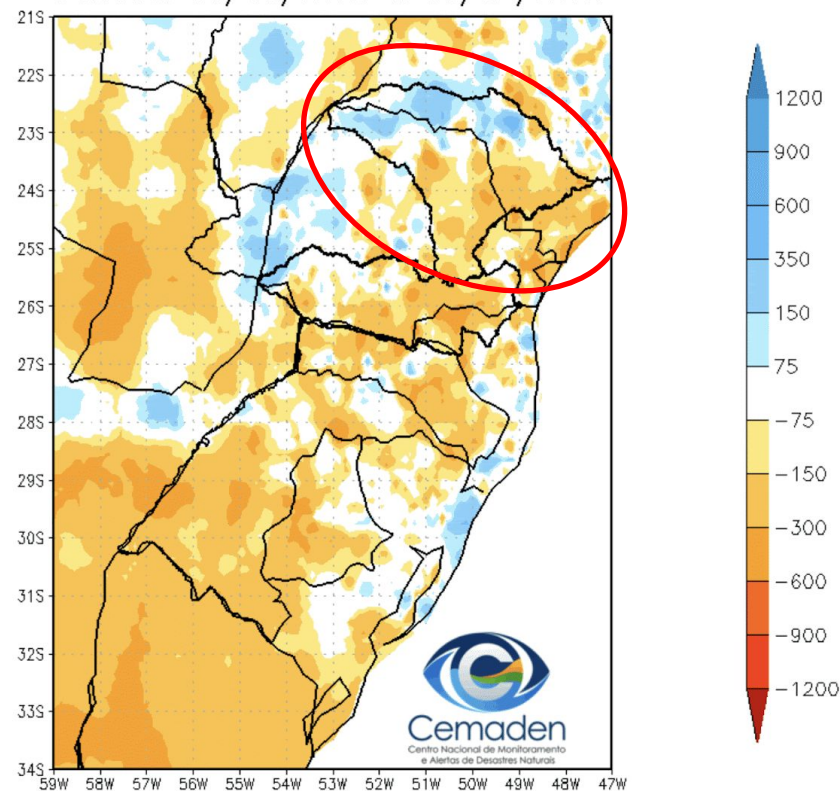


Precipitação no Ano Hidrológico

Precipitação Acumulada (mm) A.S.
Período: 01/10/2025 a 18/02/2026

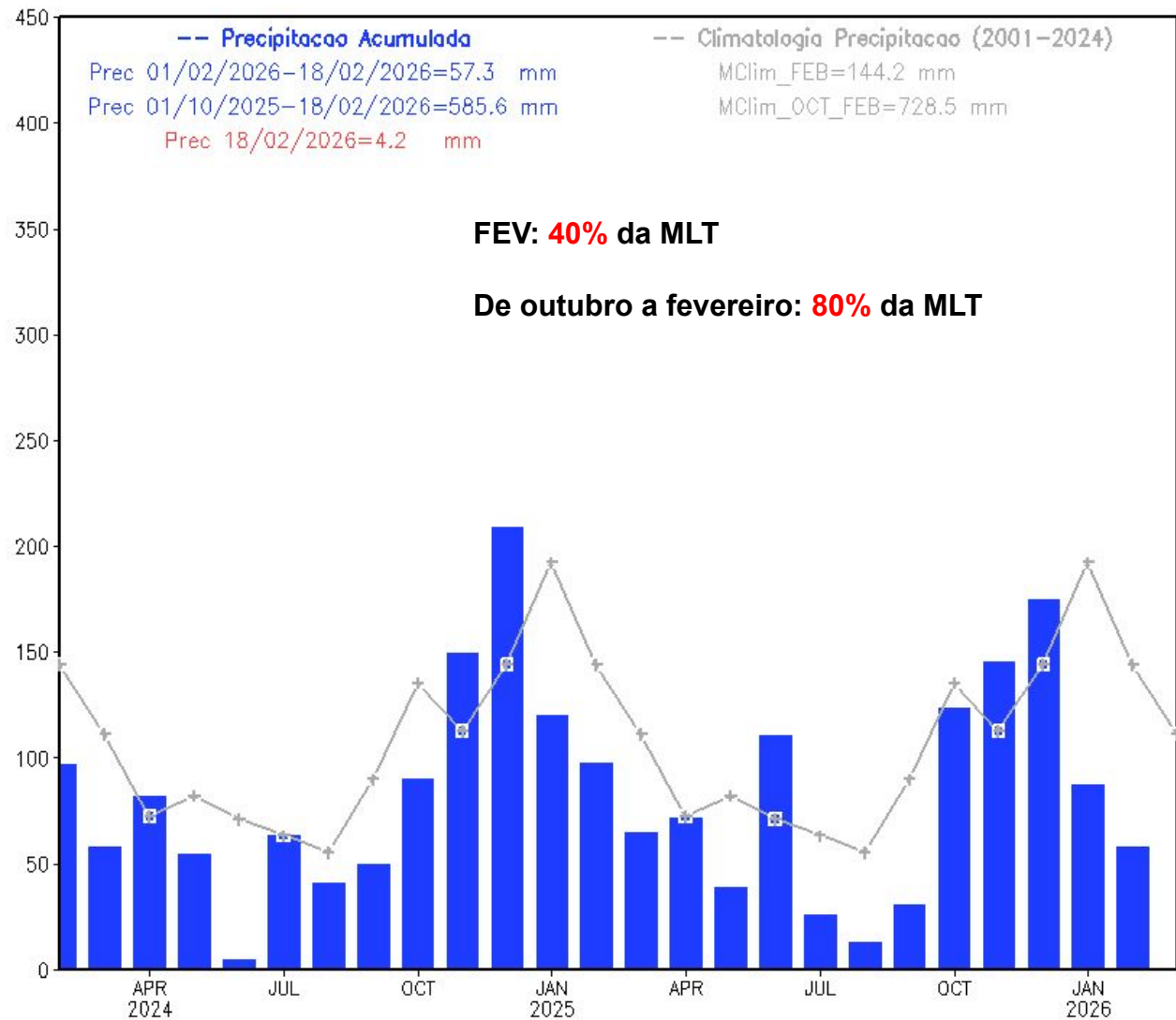


Anomalia de Precipitação (mm) A.S.
Período: 01/10/2025 a 18/02/2026



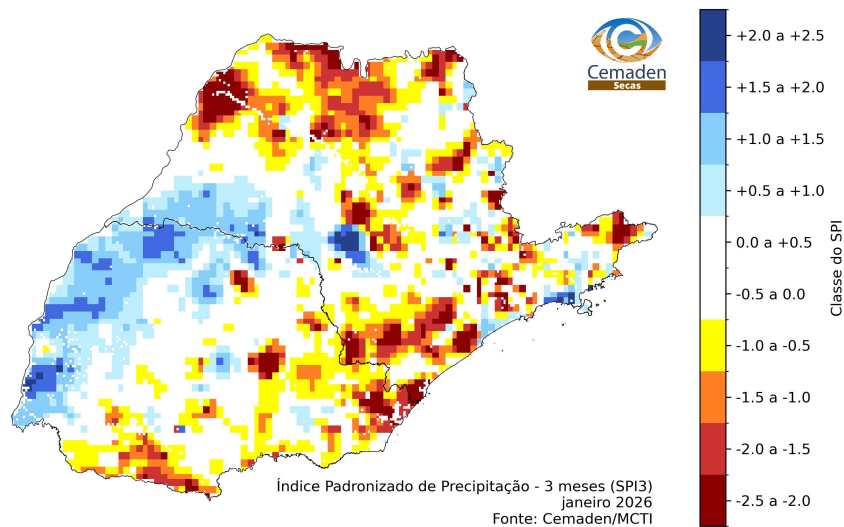
Evolução Temporal da Precipitação

Precipitacao Bacia do Rio Paranapanema
desde FEB 2024

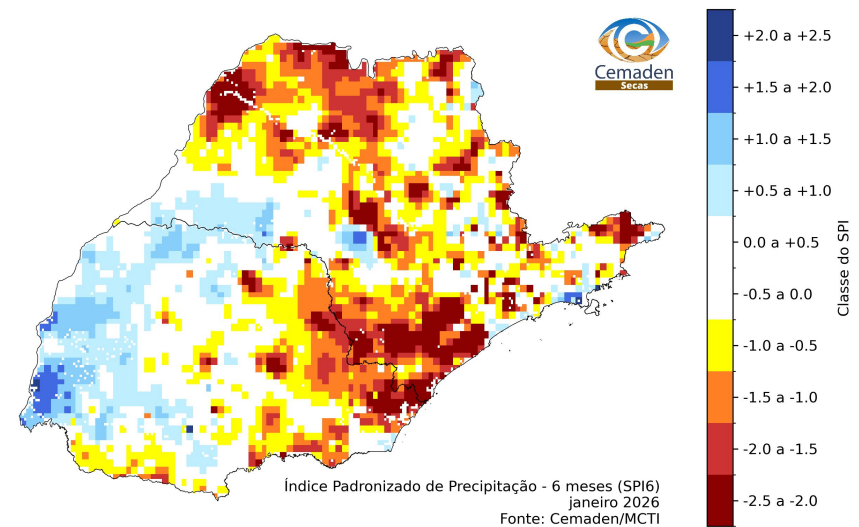


SPI: JANEIRO 2026

SPI-03

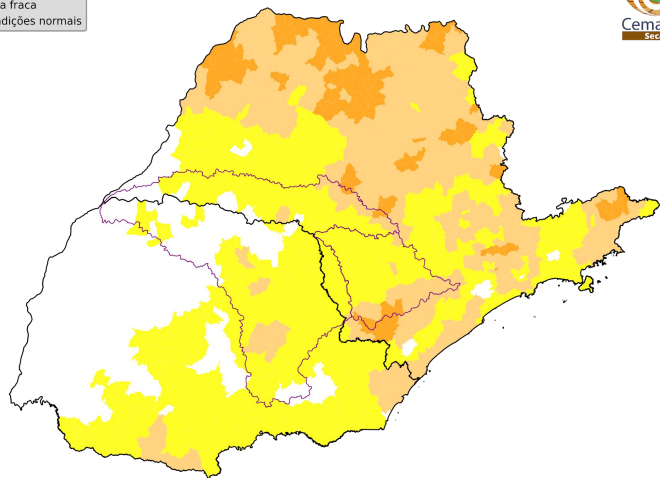


SPI-06



ÍNDICE INTEGRADO DE SECA: ANÁLISE POR MUNICÍPIOS

IIS-03 OBSERVADO

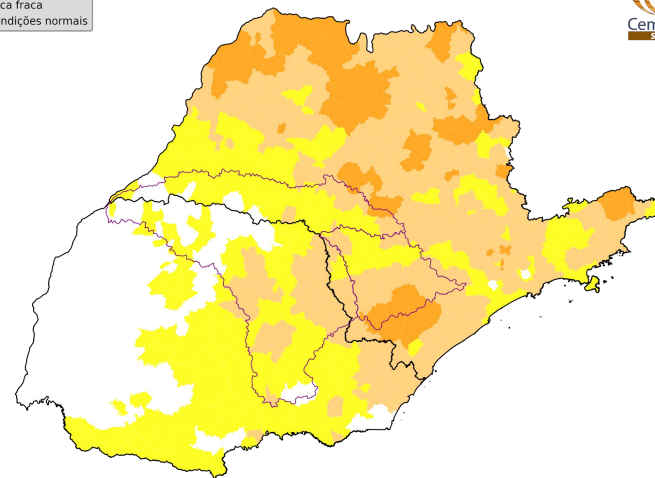


Número de municípios
por classes de seca:

Seca excepcional:	0 (0.0%)
Seca extrema:	0 (0.0%)
Seca severa:	7 (2.5%)
Seca moderada:	34 (11.9%)
Seca fraca:	162 (56.8%)
Condições normais:	82 (28.8%)

Índice Integrado de Seca - 3 meses (IIS3)
janeiro 2026
Fonte: Cemaden/MCTI

IIS-06 OBSERVADO



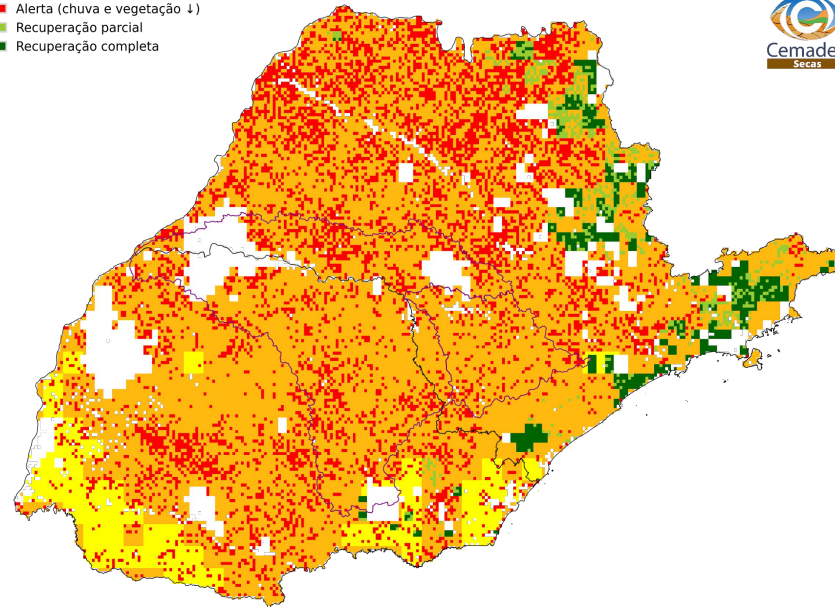
Número de municípios
por classes de seca:

Seca excepcional:	0 (0.0%)
Seca extrema:	0 (0.0%)
Seca severa:	12 (4.2%)
Seca moderada:	90 (31.6%)
Seca fraca:	125 (43.9%)
Condições normais:	58 (20.4%)

Índice Integrado de Seca - 6 meses (IIS6)
janeiro 2026
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



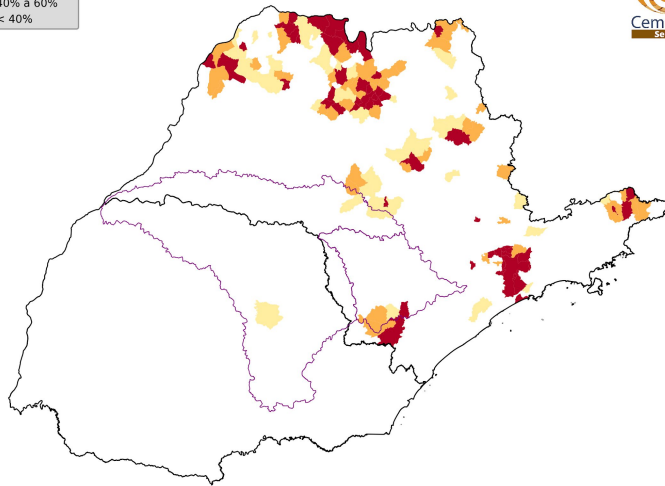
Progressão e Intensificação das Condições de Seca (PICS)
janeiro 2026
Fonte: Cemaden/MCTI

ÁREAS DE PASTAGENS E AGRÍCOLAS AFETADAS PELA SECA

JANEIRO

Fração da área
agrícola impactada

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

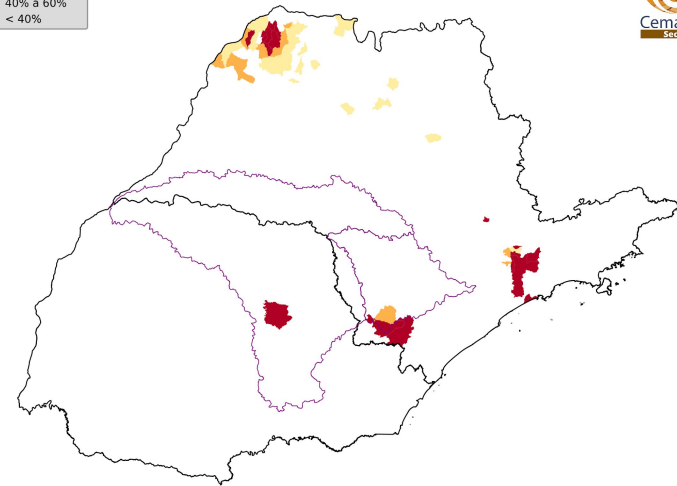


Área agro-pastoril municipal afetada pela seca
janeiro 2026
Fonte: Cemaden/MCTI

FEVEREIRO

Fração da área
agrícola impactada

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

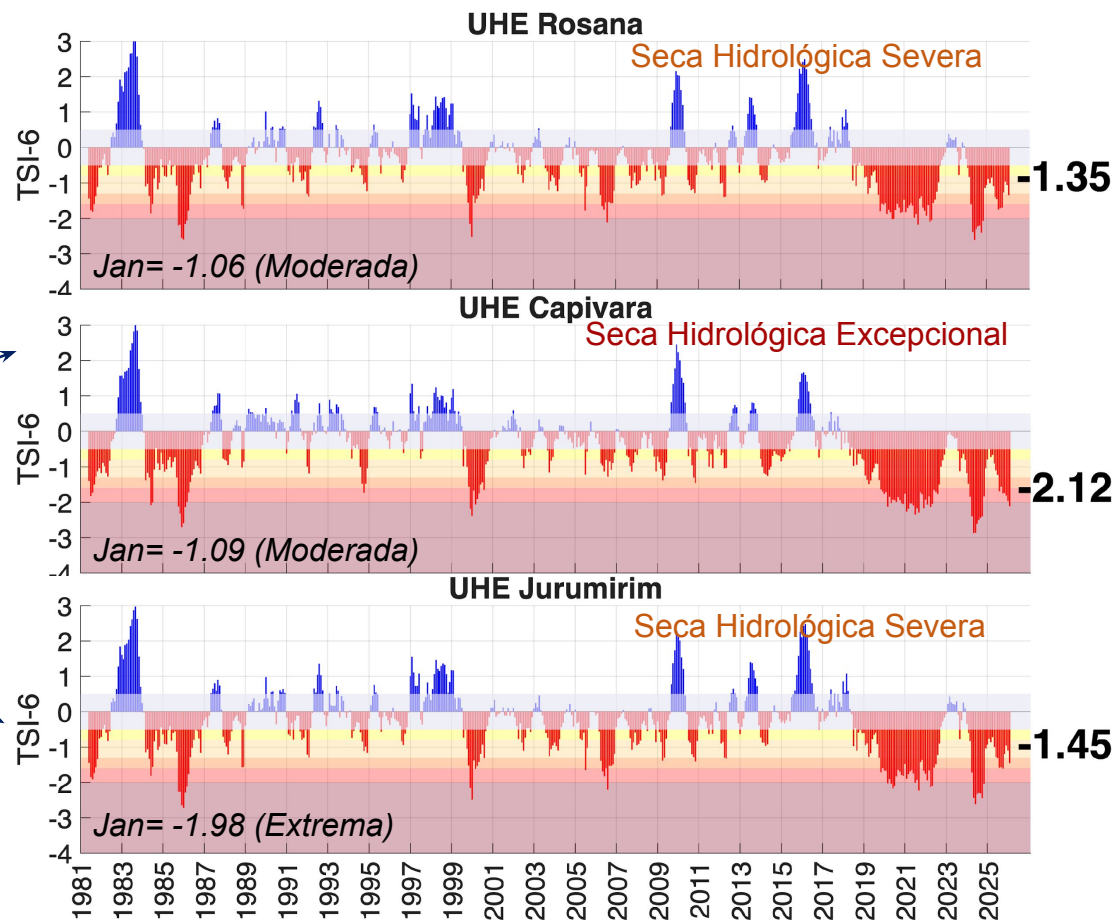
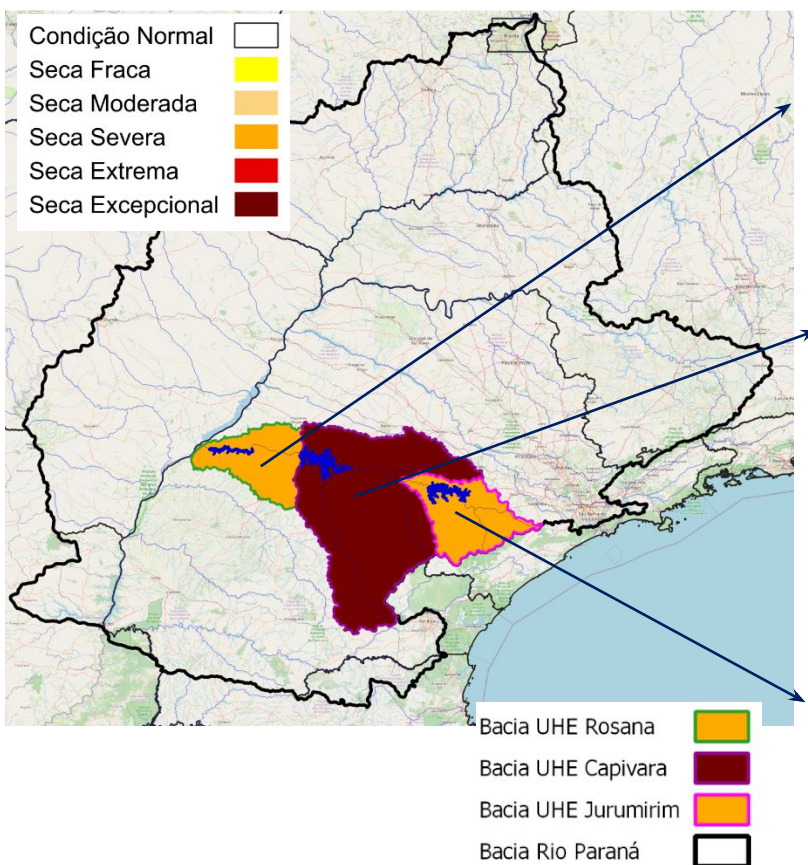


Área agro-pastoril municipal afetada pela seca - previsão
fevereiro 2026
Fonte: Cemaden/MCTI

Índice Bivariado de Seca (Precipitação-Vazão) - TSI

Escala de Longo Prazo: **TSI-6 meses**

Fev/2026-Parcial



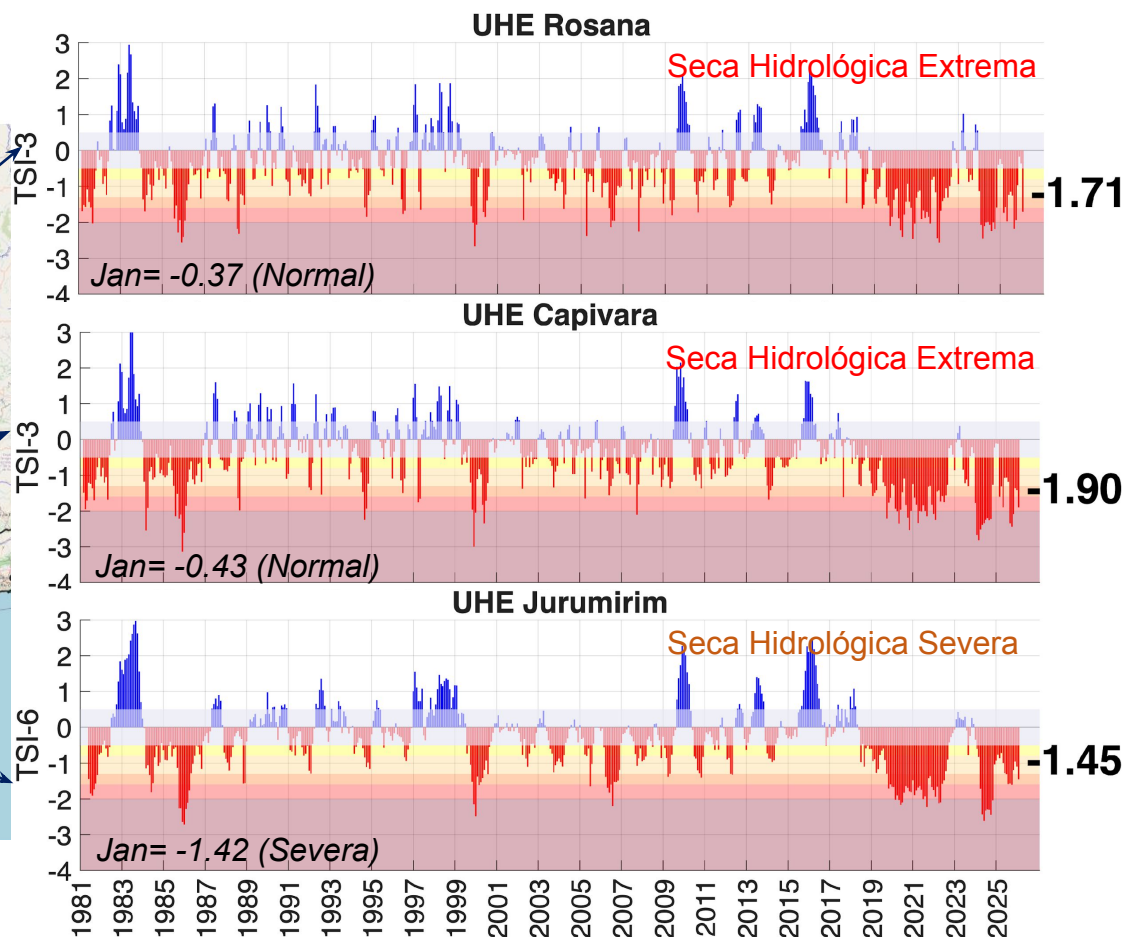
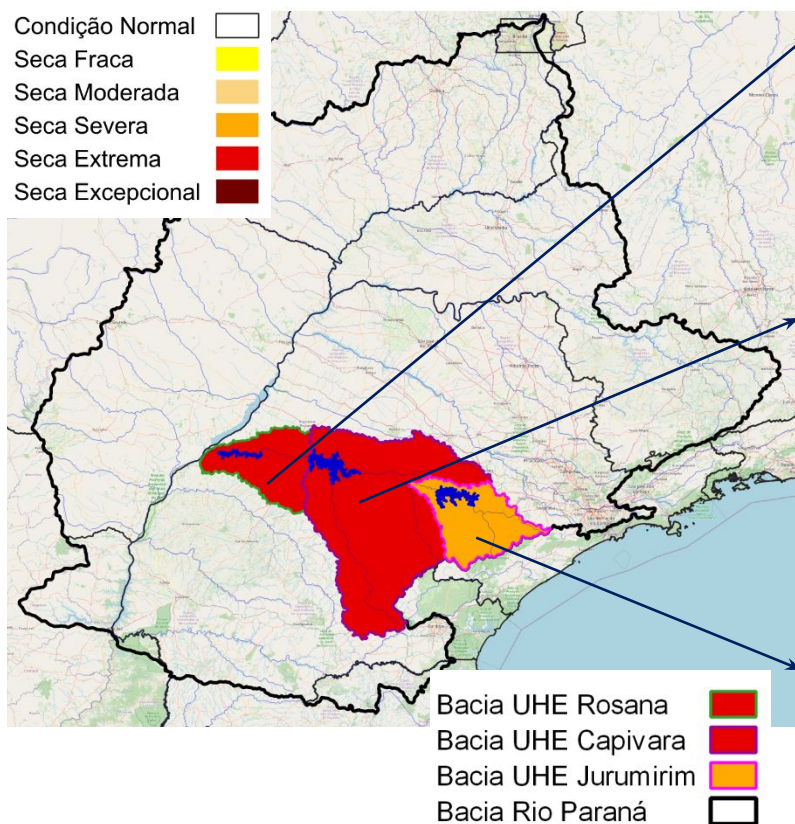
Fonte: CEMADEN

Dados: Precipitação (Cemaden/INMET/CHIRPS) e Vazão (ONS/ANA) - Jan/1981-Fev/2026.

Índice Bivariado de Seca (Precipitação-Vazão) - TSI

Escala de Curto Prazo: **TSI-3 meses**

Fev/2026- Parcial



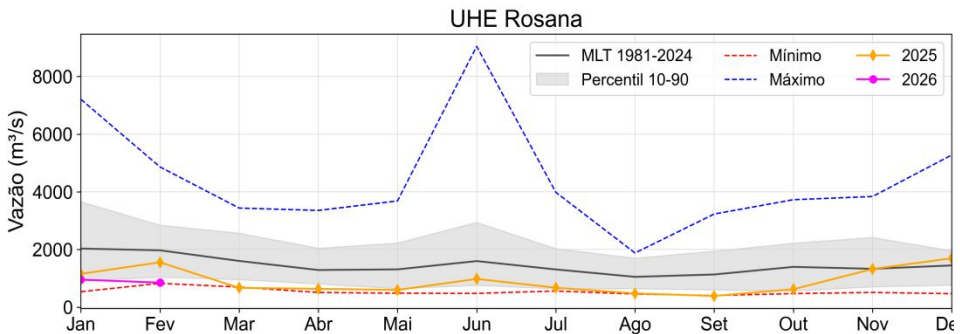
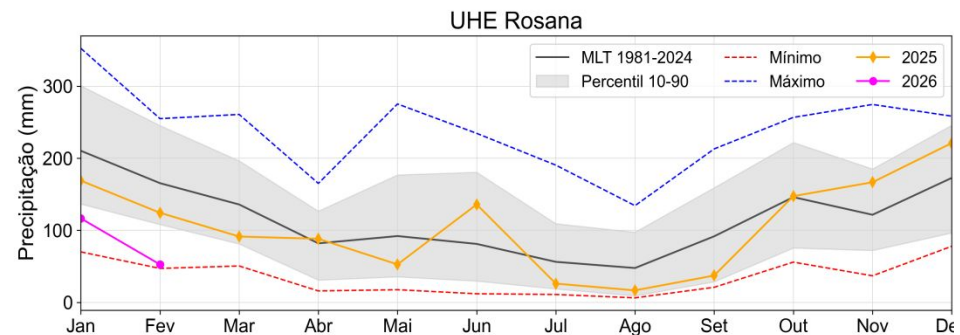
Fonte: CEMADEN

Dados: Precipitação (Cemaden/INMET/CHIRPS) e

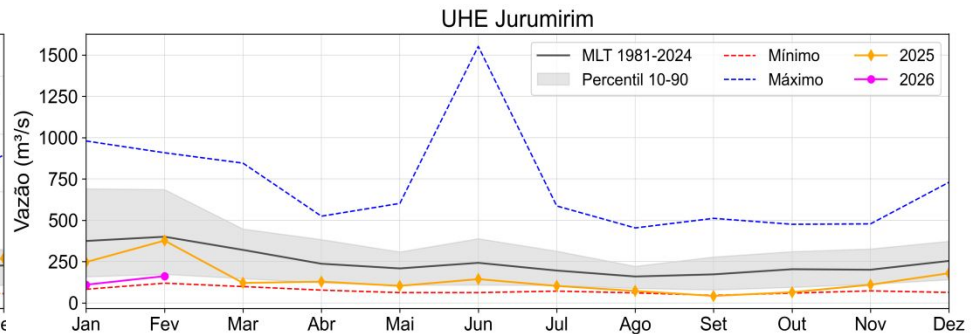
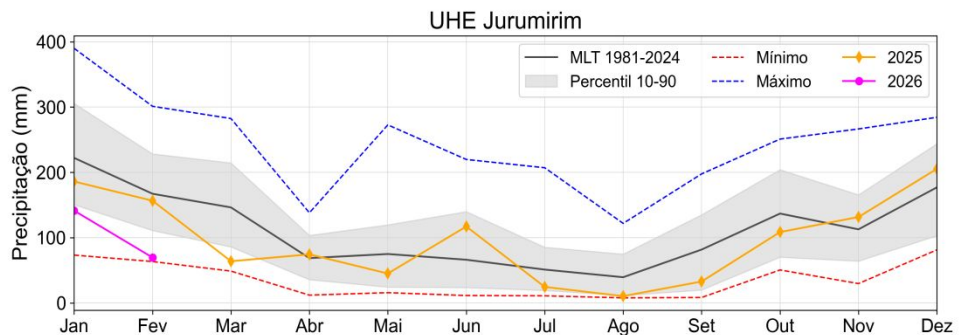
Vazão (ONS/ANA) - Jan/1981-Fev/2026.

Monitoramento: Precipitação e Vazão

Bacia UHE Rosana



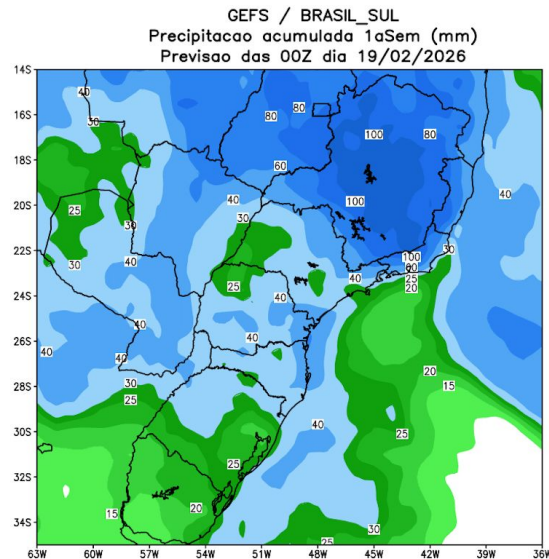
Bacia UHE Jurumirim



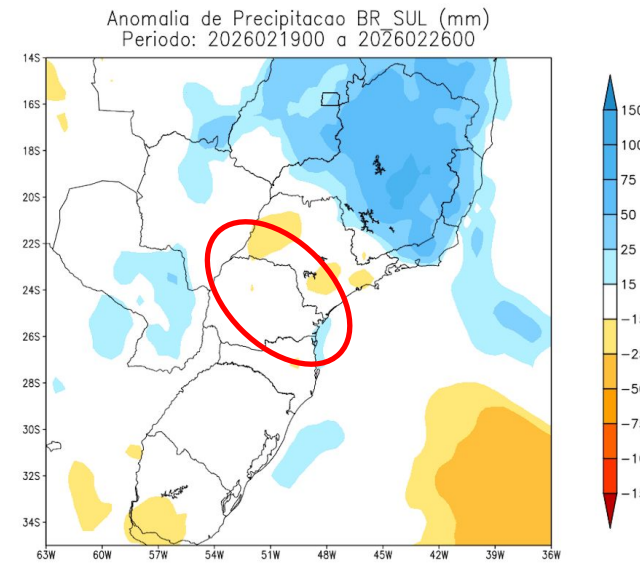
Previsão de chuva - 1a e 2a semanas

Semana 1

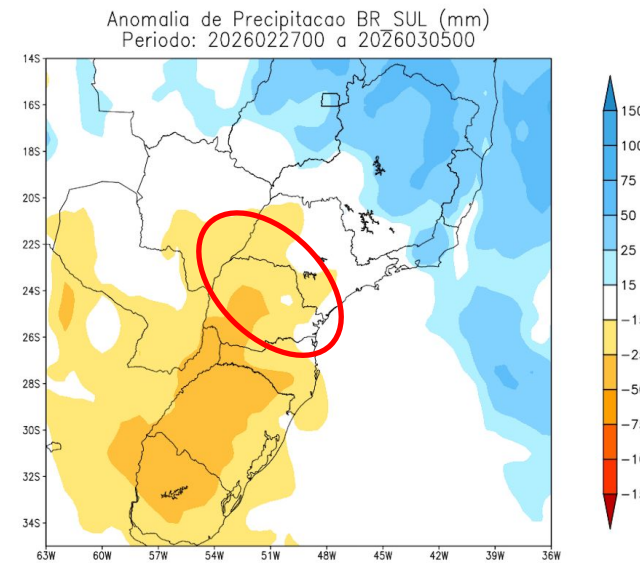
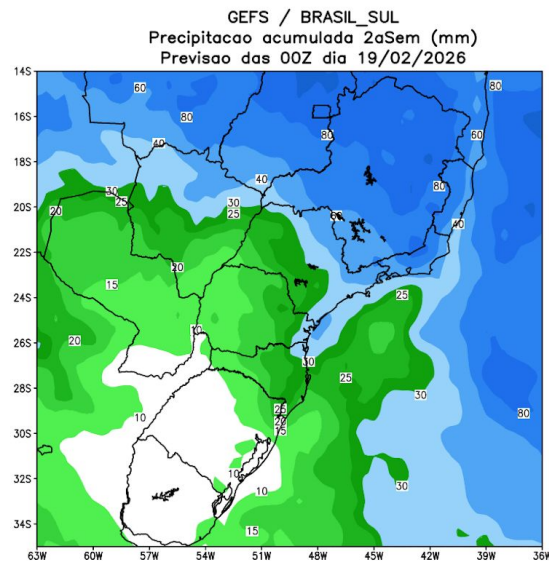
chuva



anomalia

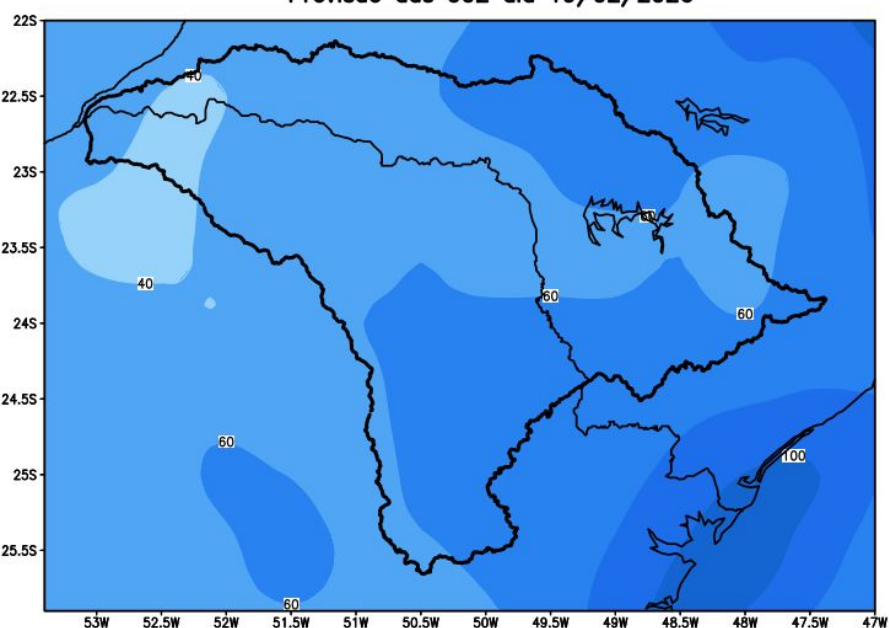


Semana 2

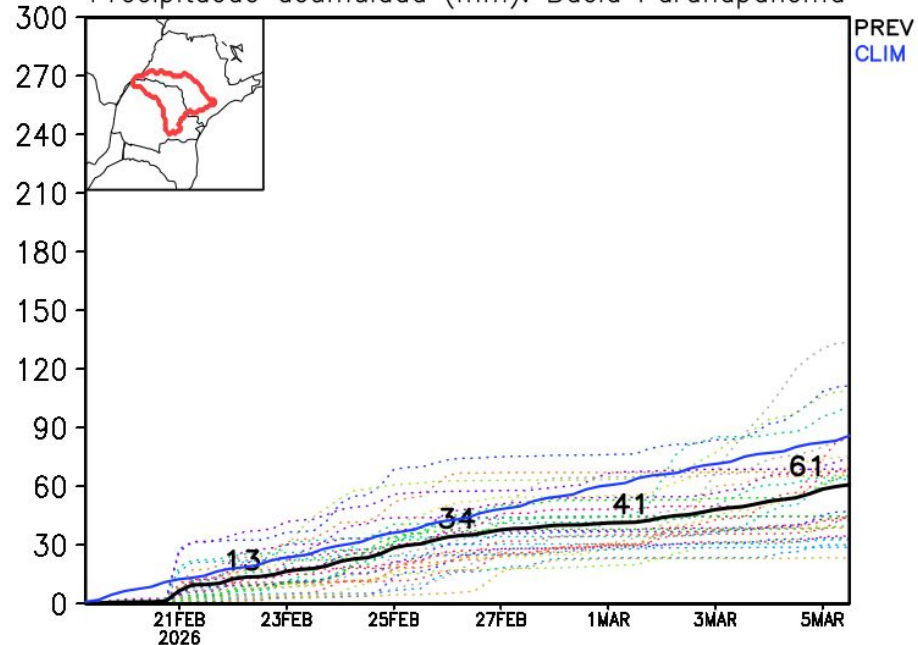


Previsão para a bacia do rio Paranapanema

GEFS / Bacia do Rio Paranapanema
Precipitação acumulada em 14 dias (mm)
Previsão das 00Z dia 19/02/2026



Precipitação acumulada (mm): Bacia Paranapanema

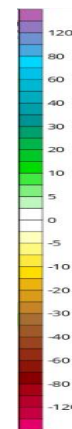
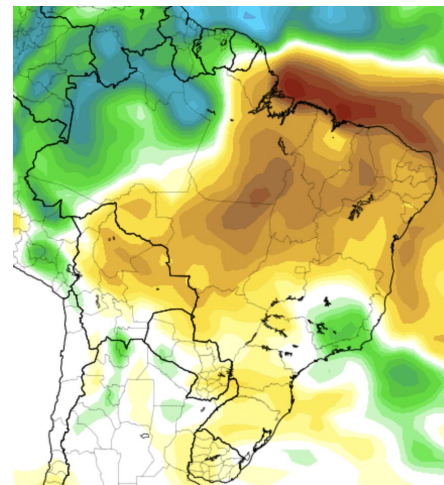
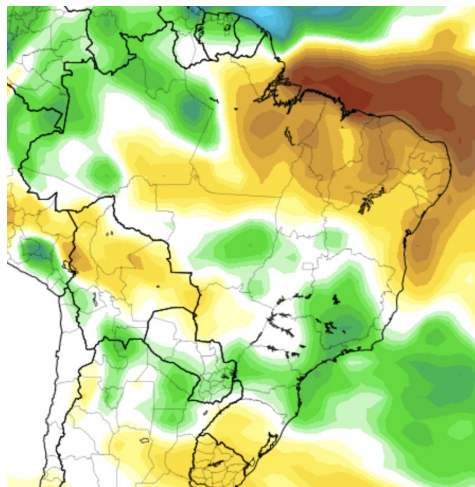


Tendência 3a e 4a semanas

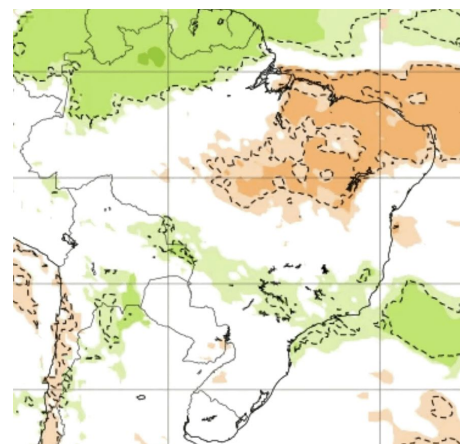
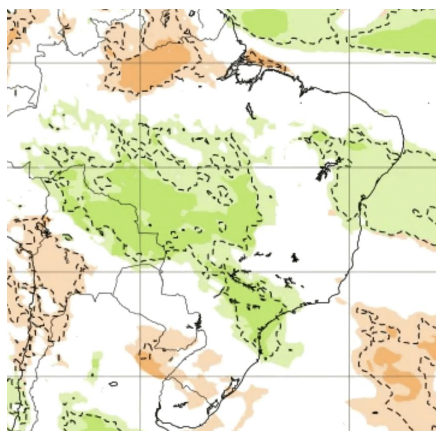
05-11 Mar

12-18 Mar

CFS/NOAA



ECMWF



02-08 Mar

09-15 Mar



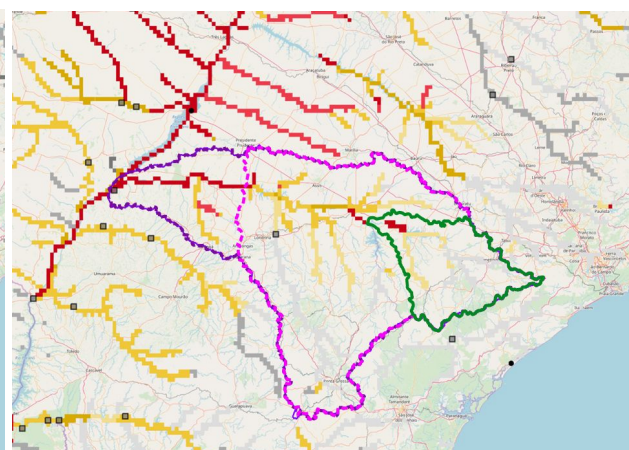
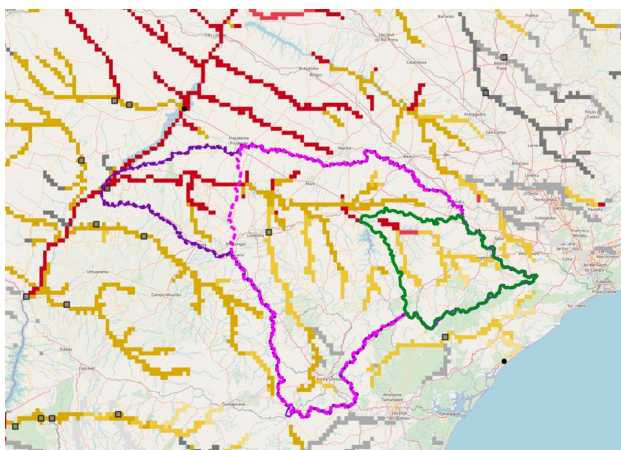
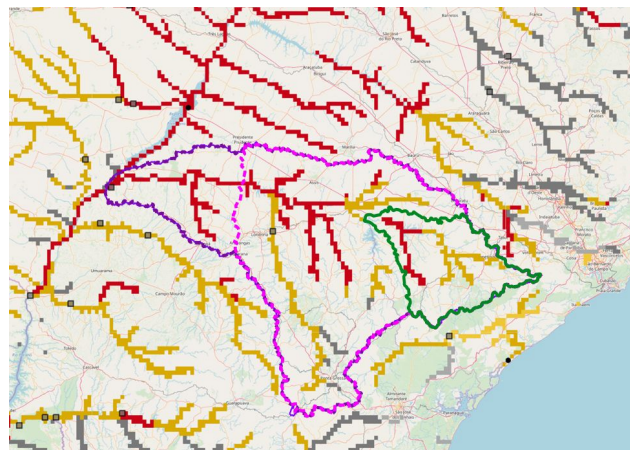
Previsão Sub-sazonal (45 dias) de vazão natural para a Bacia do Rio Paranapanema (GloFAS)

Previsão: 17/02/2026 – 30/03/2026

17/02/2026-23/02/2026

24/02/2026-02/03/2026

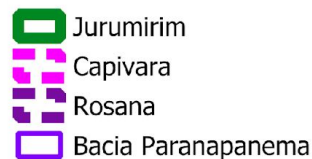
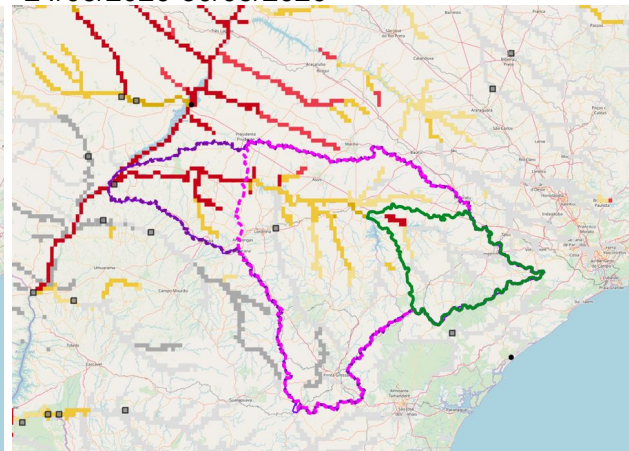
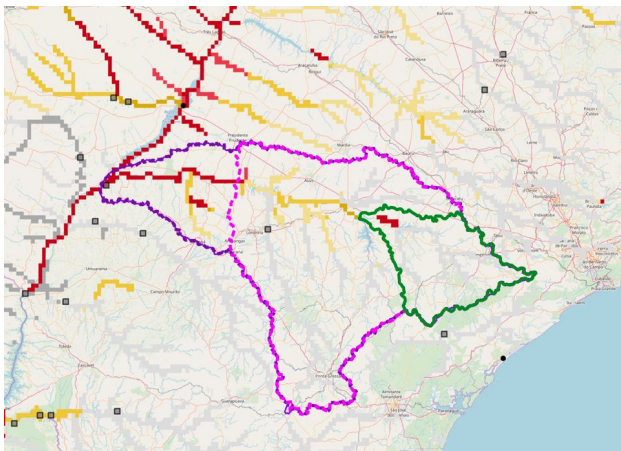
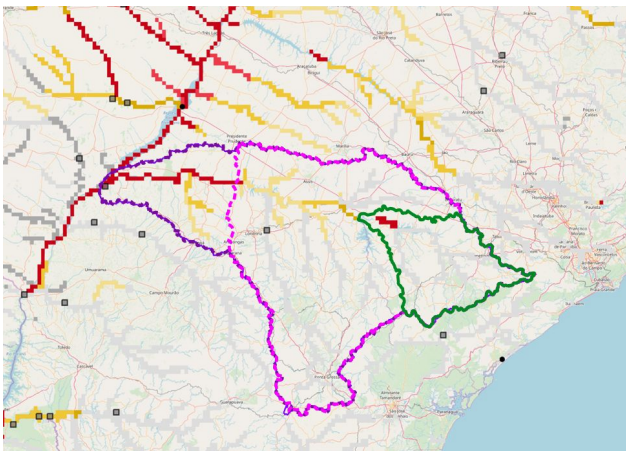
03/03/2026-09/03/2026



10/03/2026-16/03/2026

17/03/2026-23/03/2026

24/03/2026-30/03/2026



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

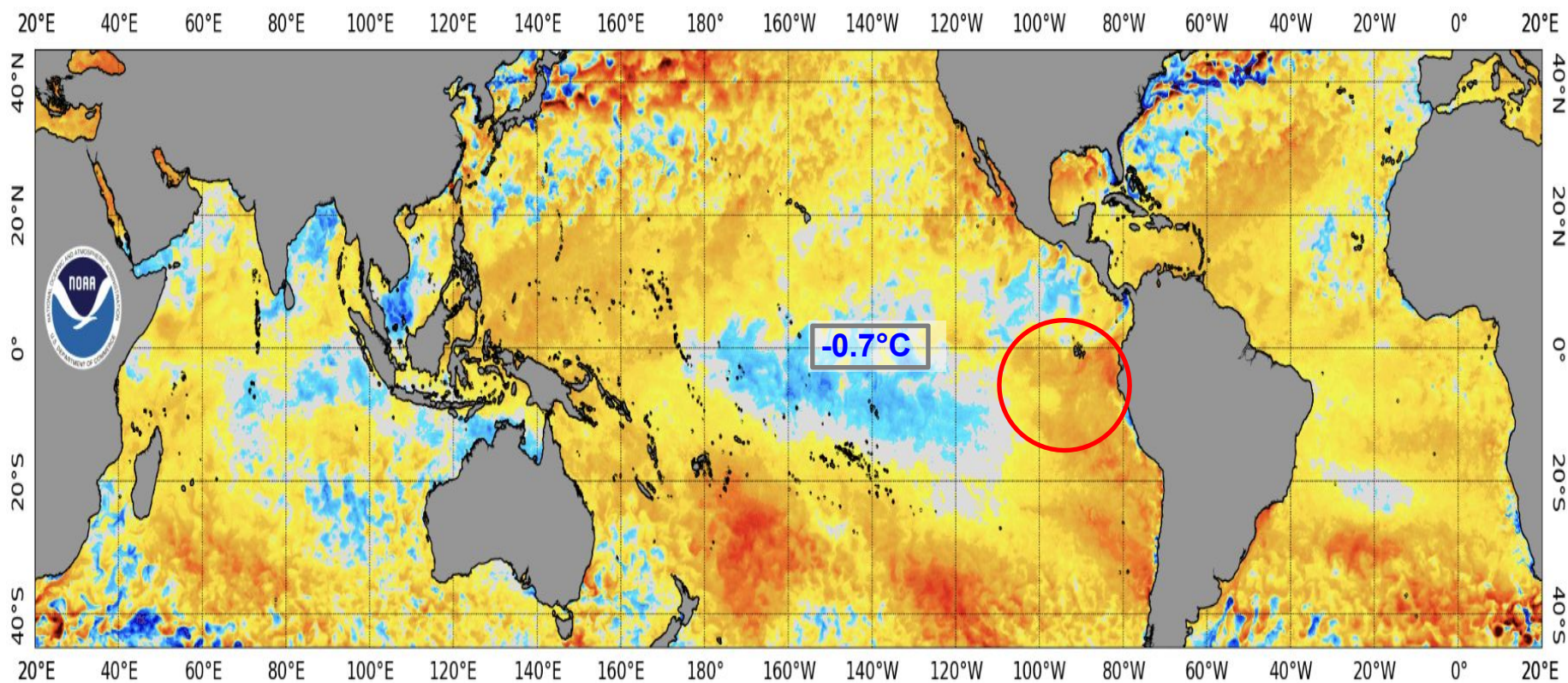
Baixa (0-10) Média (10-20) Alta (<20)



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

Status Atual: La Niña

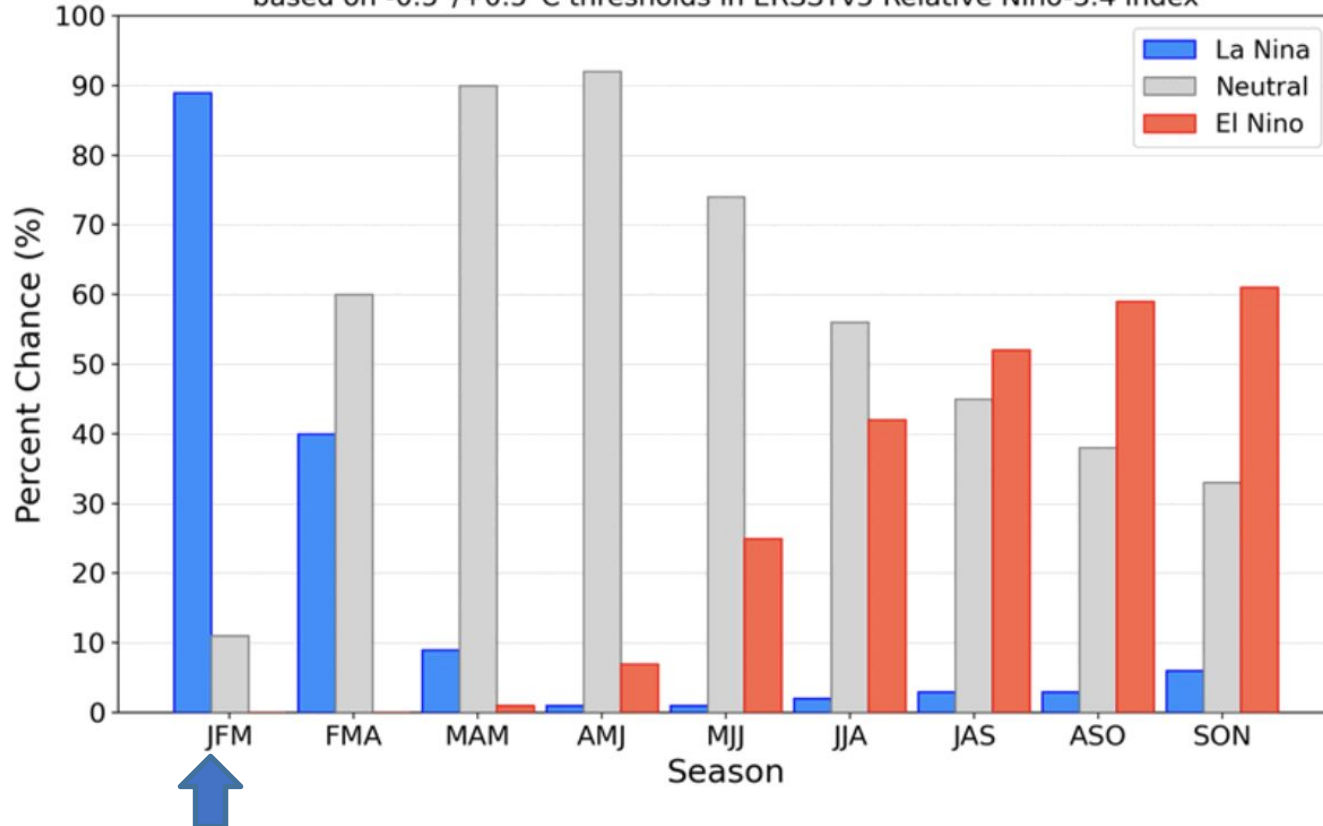
NOAA Coral Reef Watch Daily 5km SST Anomalies (v3.1) 18 Feb 2026



FONTE: NOAA

Previsão do “ENSO”

Official NOAA CPC ENSO Probabilities (issued February 2026)
based on $-0.5^{\circ}/+0.5^{\circ}\text{C}$ thresholds in ERSSTv5 Relative Niño-3.4 index

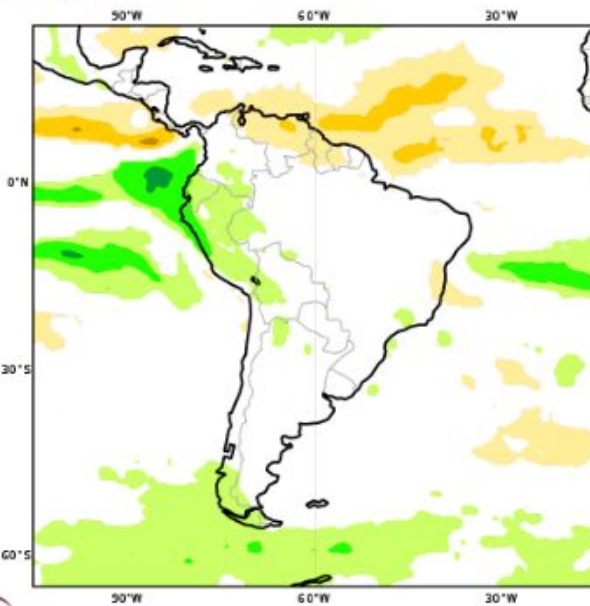


Previsão Sazonal de Chuva Multi-Modelo

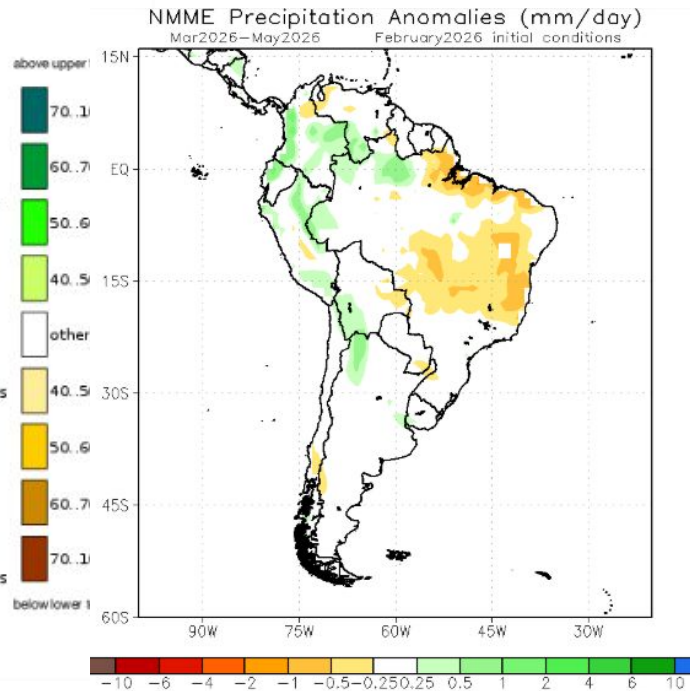
Março-Abril-Maio

C3S multi-system seasonal forecast
Prob(most likely category of precipitation)
Nominal forecast start: 01/02/26
Unweighted mean

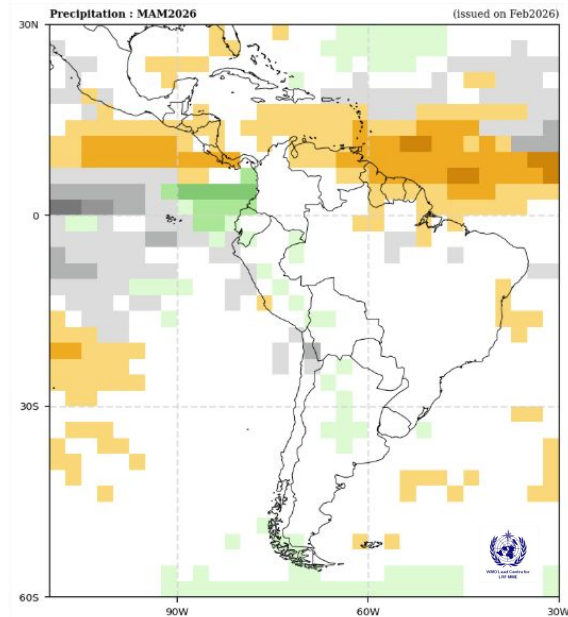
MAM 2026



Modelos “Europeus”



Modelos Norte Americanos



Modelos da WMO