

Monitoramento da bacia do rio Paranapanema

MARÇO 2026



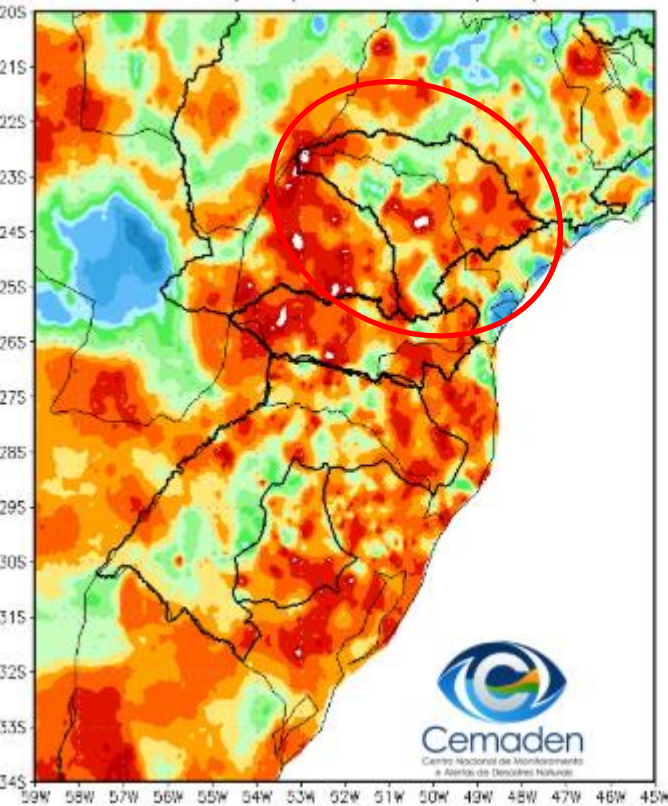
MINISTÉRIO DA
CIÊNCIA, TECNOLOGIA
E INOVAÇÃO

GOVERNO DO
BRASIL
DO LADO DO POVO BRASILEIRO

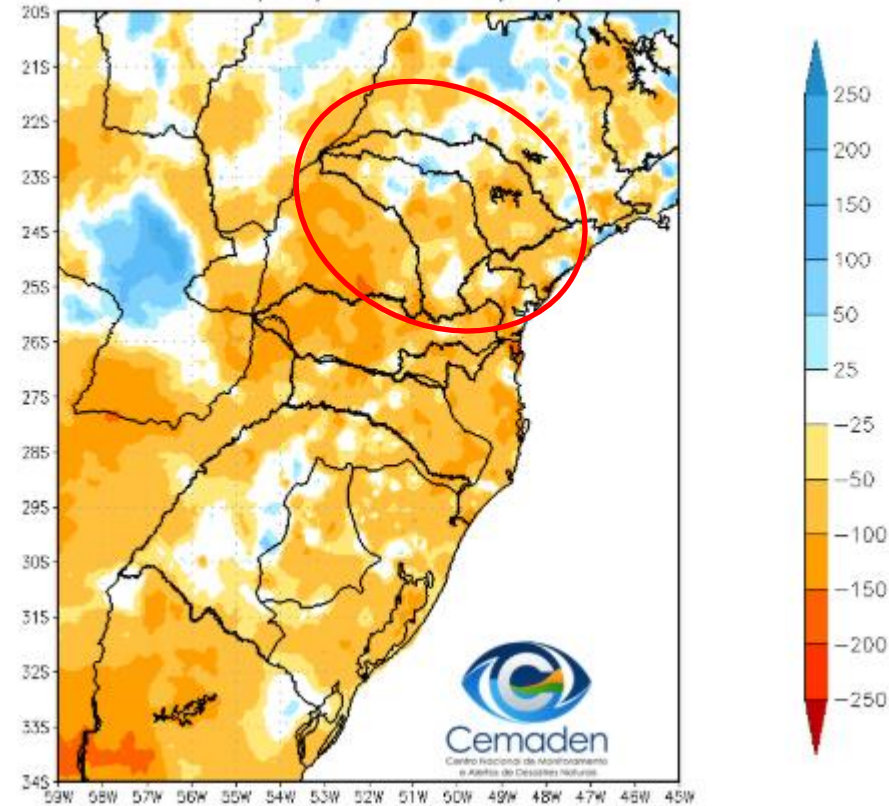


Precipitação acumulada nos últimos 30 dias

Precipitação Acumulada (mm) A.S.
Período: 16/02/2026 a 18/03/2026

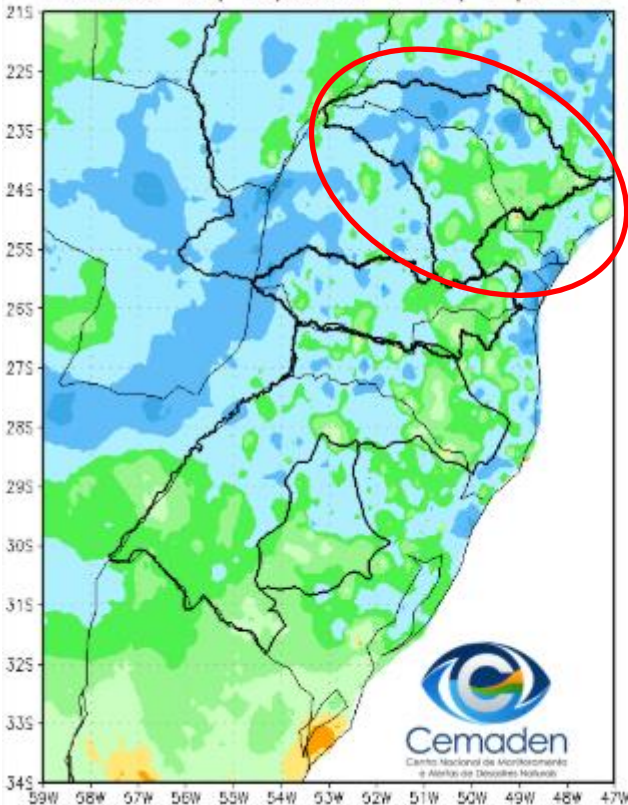


Anomalia de Precipitação (mm) A.S.
Período: 16/02/2026 a 18/03/2026

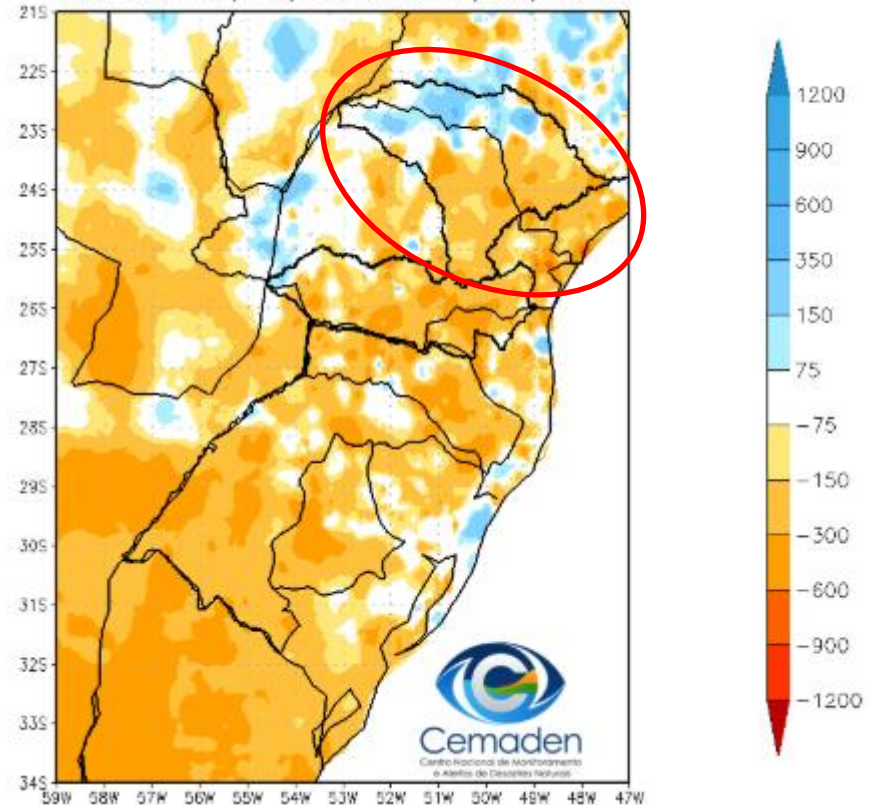


Precipitação no Ano Hidrológico

Precipitação Acumulada (mm) A.S.
Período: 01/10/2025 a 18/03/2026

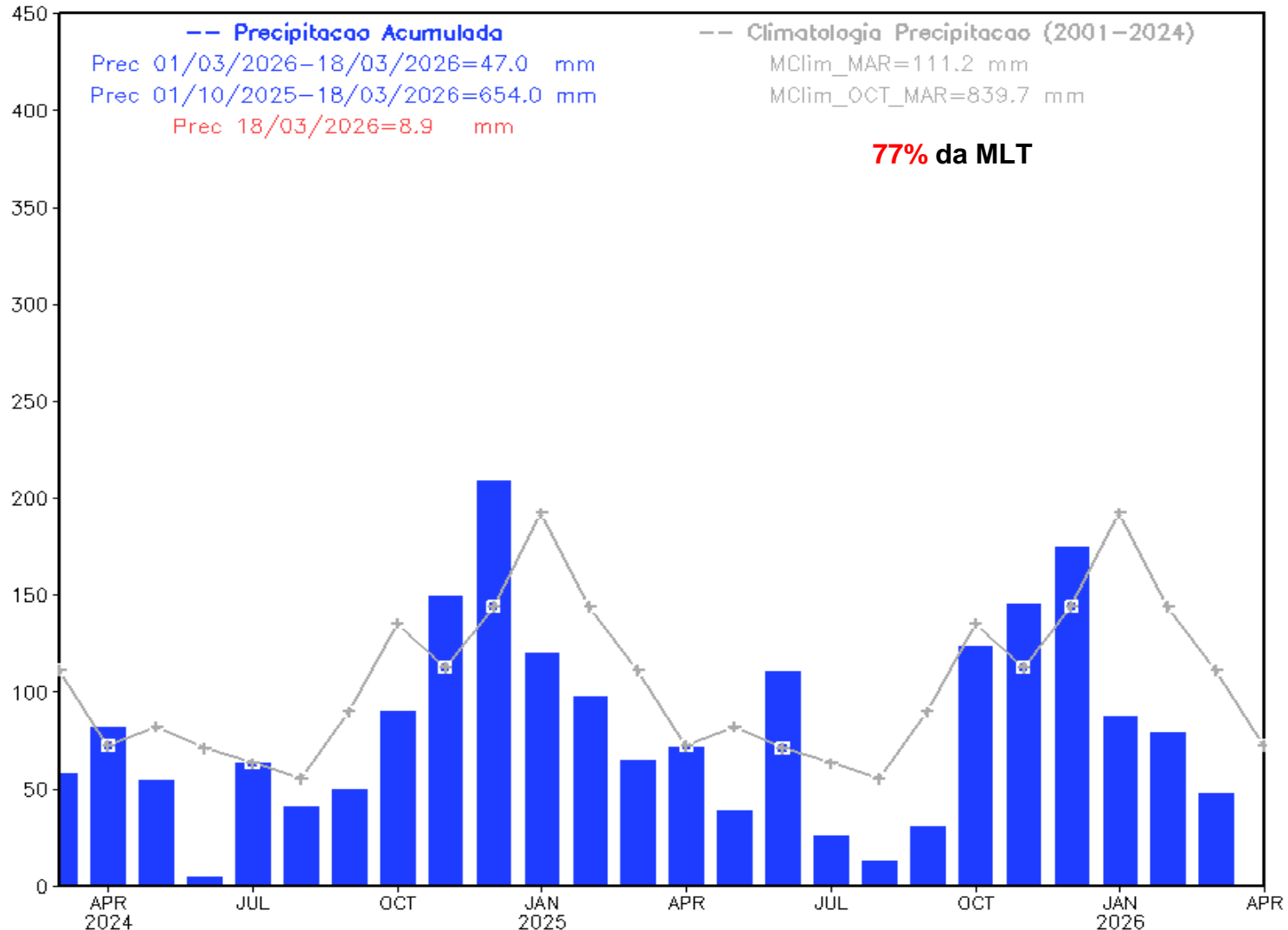


Anomalia de Precipitação (mm) A.S.
Período: 01/10/2025 a 18/03/2026



Evolução Temporal da Precipitação

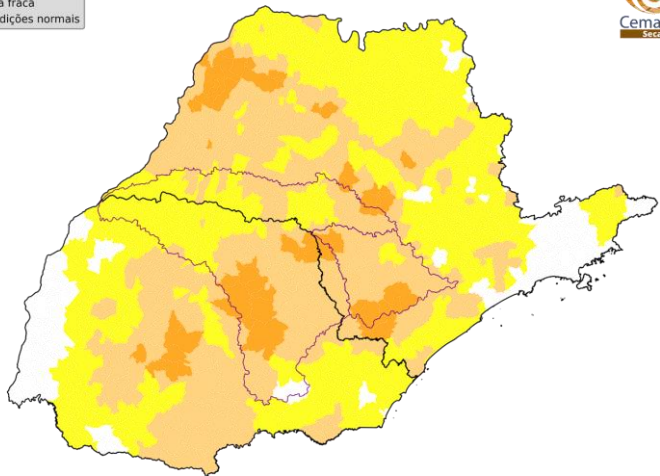
Precipitação Bacia do Rio Paranapanema desde MAR 2024



ÍNDICE INTEGRADO DE SECA: ANÁLISE POR **MUNICÍPIOS**

IIS-03 OBSERVADO

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



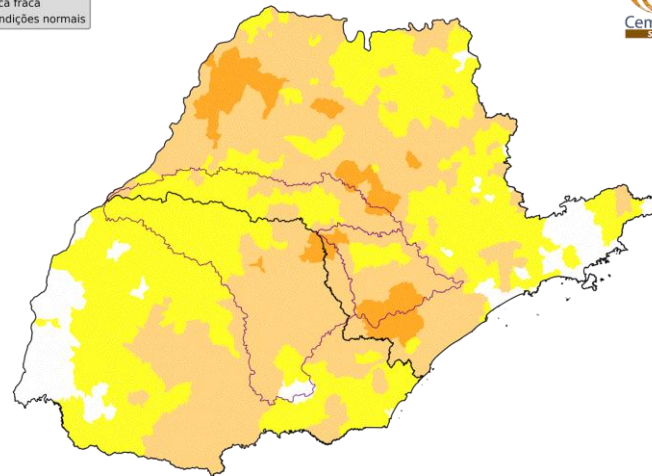
Número de municípios por classes de seca:

Seca excepcional:	0 (0.0%)
Seca extrema:	0 (0.0%)
Seca severa:	40 (14.0%)
Seca moderada:	143 (50.2%)
Seca fraca:	100 (35.1%)
Condições normais:	2 (0.7%)

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

IIS-06 OBSERVADO

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



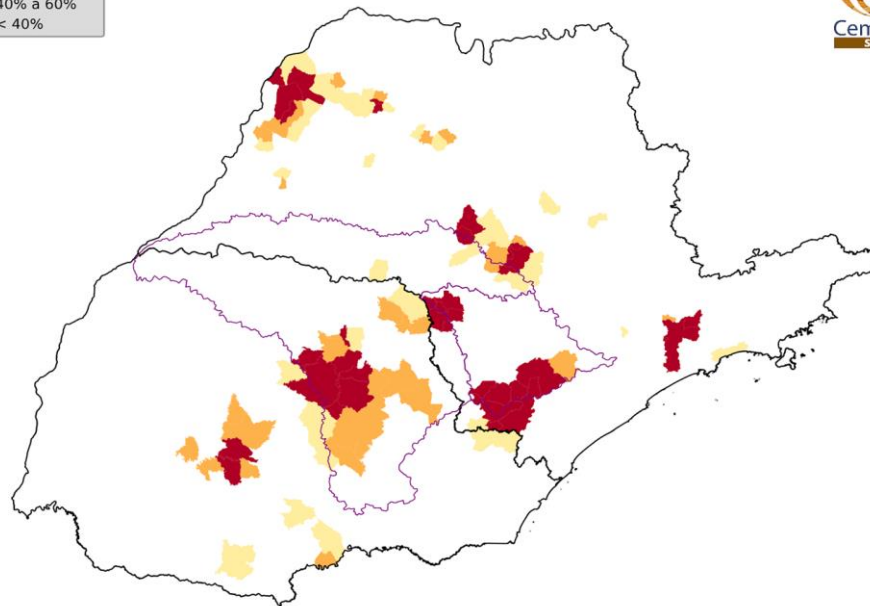
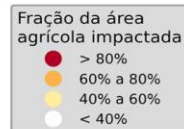
Número de municípios por classes de seca:

Seca excepcional:	0 (0.0%)
Seca extrema:	0 (0.0%)
Seca severa:	27 (9.5%)
Seca moderada:	139 (48.8%)
Seca fraca:	117 (41.1%)
Condições normais:	2 (0.7%)

Índice Integrado de Seca - 6 meses (IIS6)
fevereiro 2026
Fonte: Cemaden/MCTI

ÁREAS DE PASTAGENS E AGRÍCOLAS AFETADAS PELA SECA

FEVEREIRO

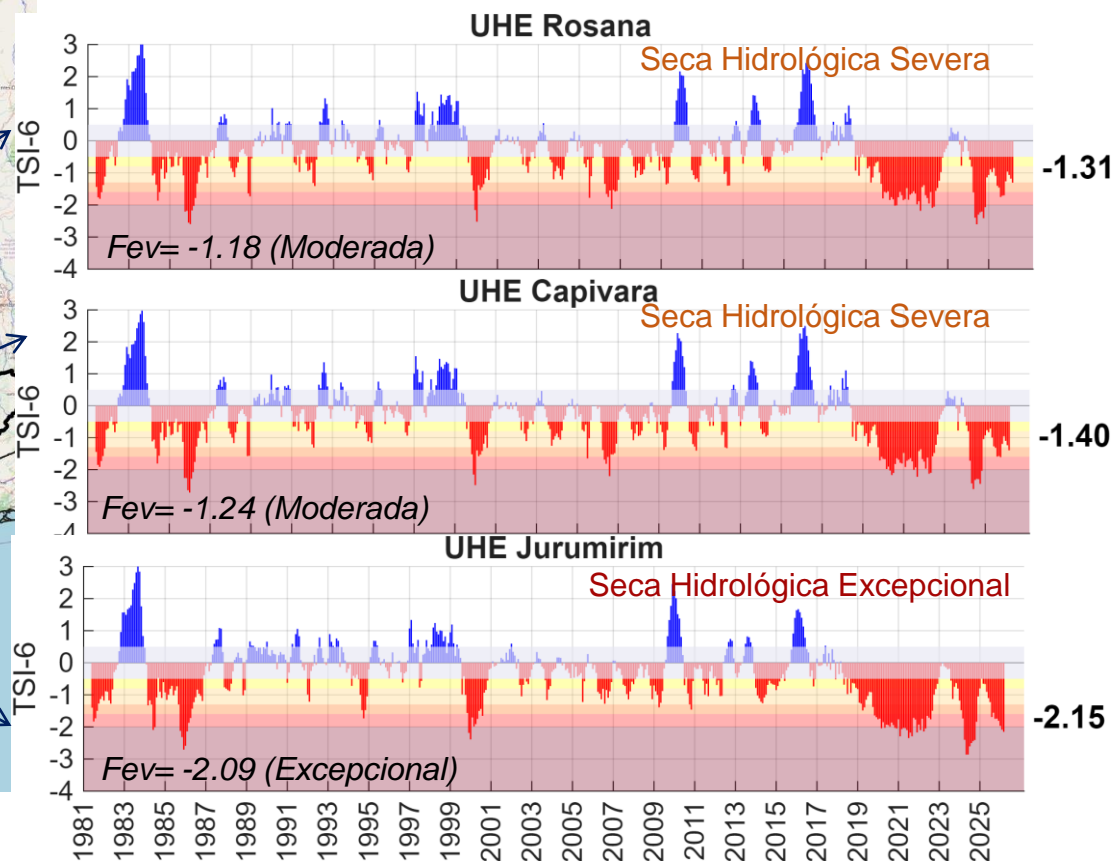
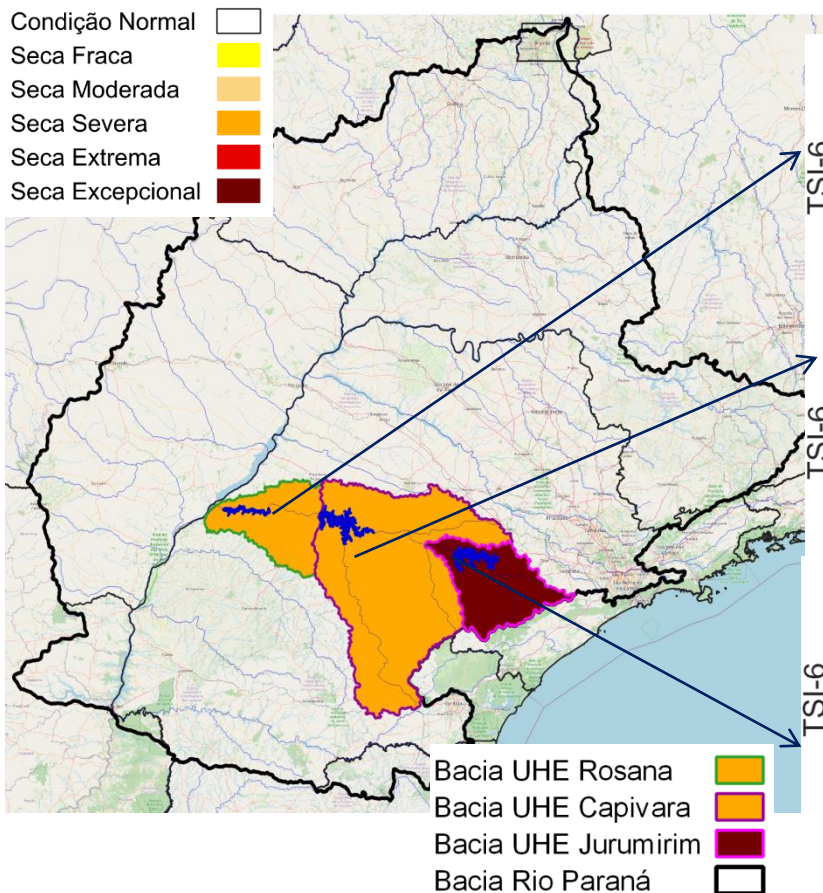


Área agro-pastoril municipal afetada pela seca
fevereiro 2026
Fonte: Cemaden/MCTI

Índice Bivariado de Seca (Precipitação-Vazão) - TSI

Escala de Longo Prazo: TSI-6 meses

Mar/2026-Parcial



Fonte: CEMADEN /MCTI

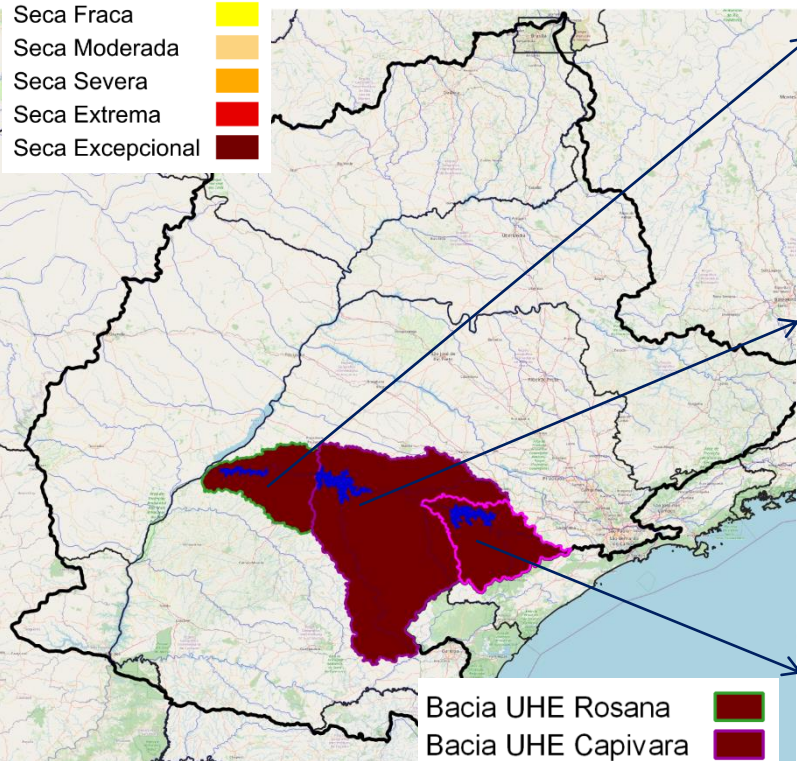
Dados: Precipitação (MERGE/CHIRPS) e Vazão (ONS/ANA) - Jan/1981-Mar/2026.

Índice Bivariado de Seca (Precipitação-Vazão) - TSI

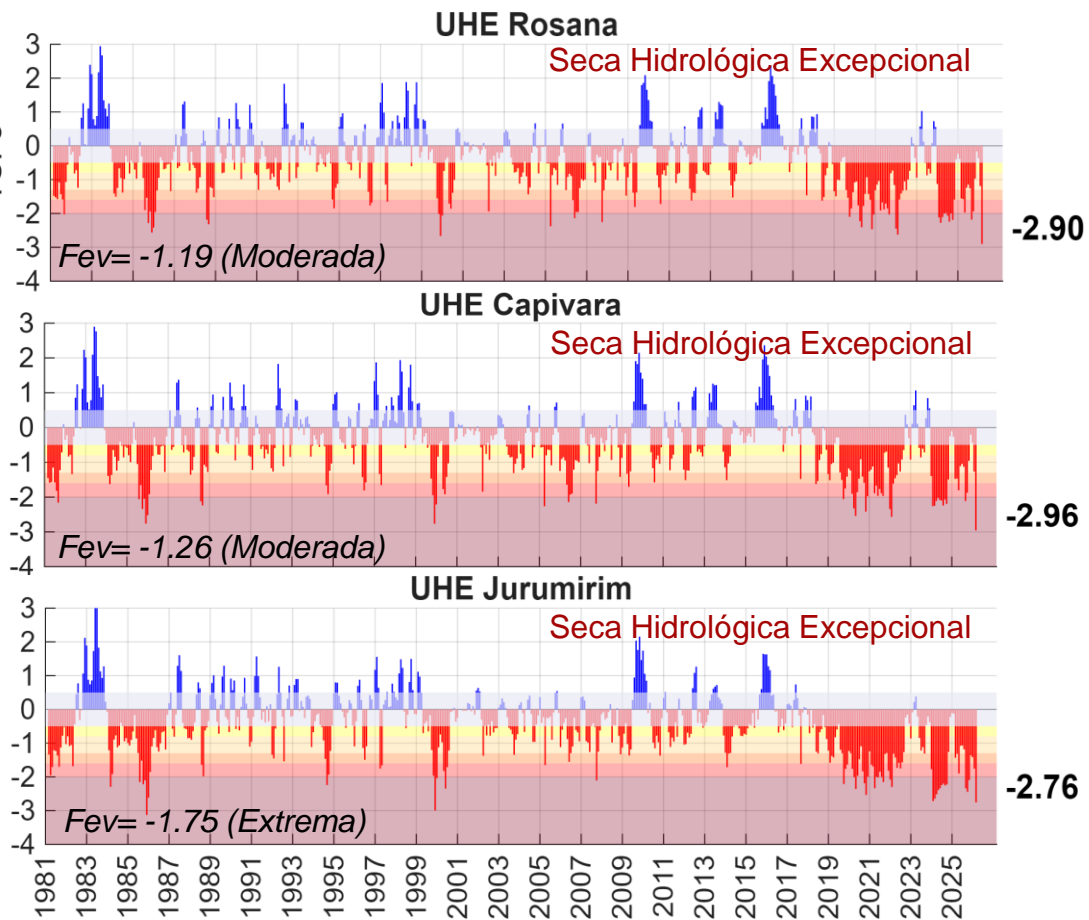
Escala de Curto Prazo: **TSI-3 meses**

Mar/2026- Parcial

- Condição Normal
- Seca Fraca
- Seca Moderada
- Seca Severa
- Seca Extrema
- Seca Excepcional



- Bacia UHE Rosana
- Bacia UHE Capivara
- Bacia UHE Jurumirim
- Bacia Rio Paraná

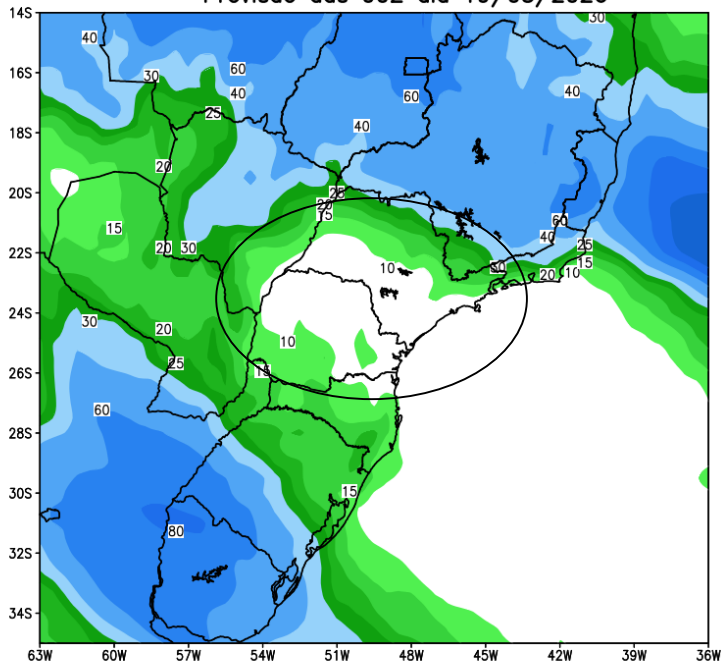


Fonte: CEMADEN/MCTI

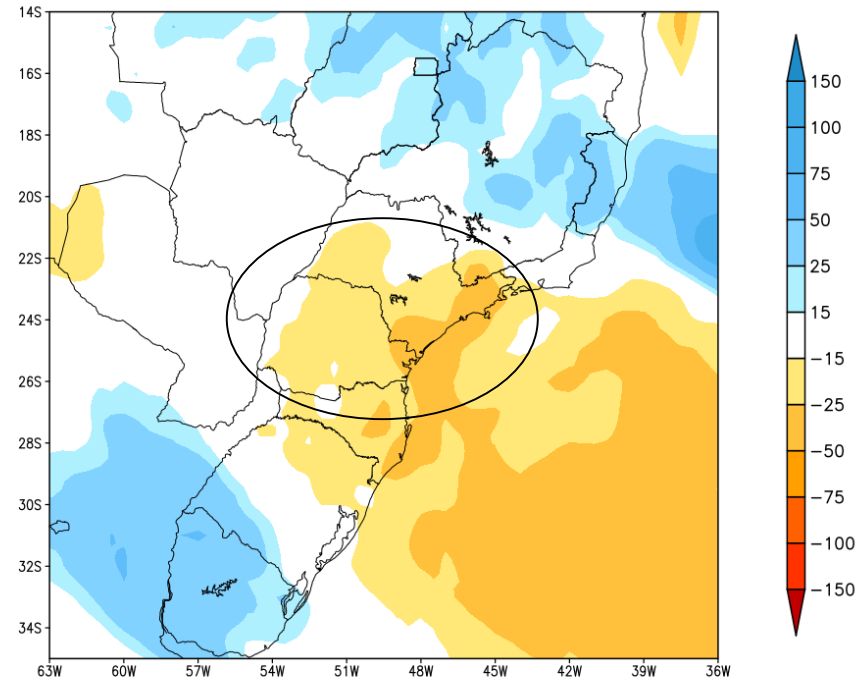
Dados: Precipitação (MERGE/CHIRPS) e Vazão (ONS/ANA) - Jan/1981-Mar/2026.

Previsão de chuva – próximos 7 dias

GEFS / BRASIL_SUL
Precipitacao acumulada 1aSem (mm)
Previsao das 00Z dia 19/03/2026

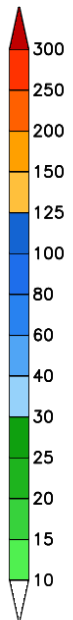
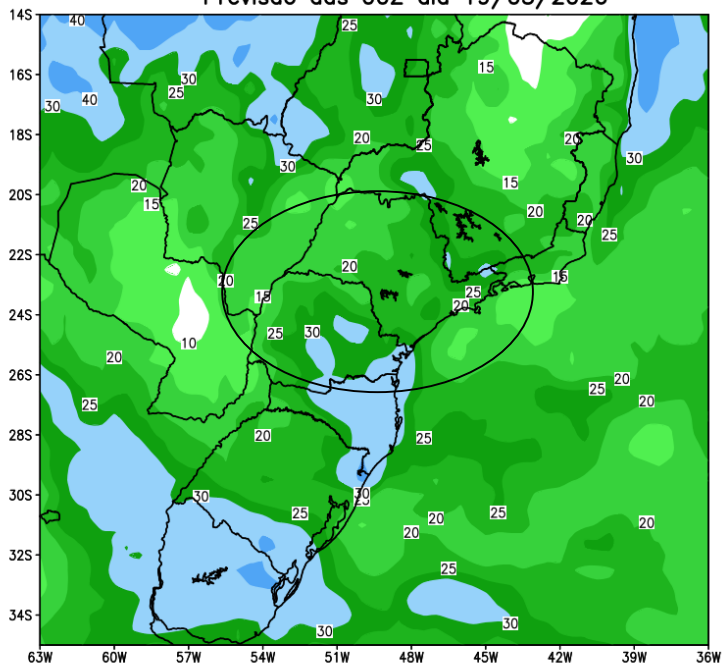


Anomalia de Precipitacao BR_SUL (mm)
Periodo: 2026031900 a 2026032600

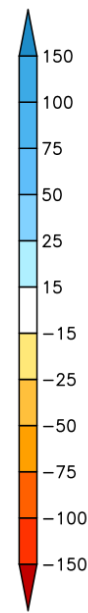
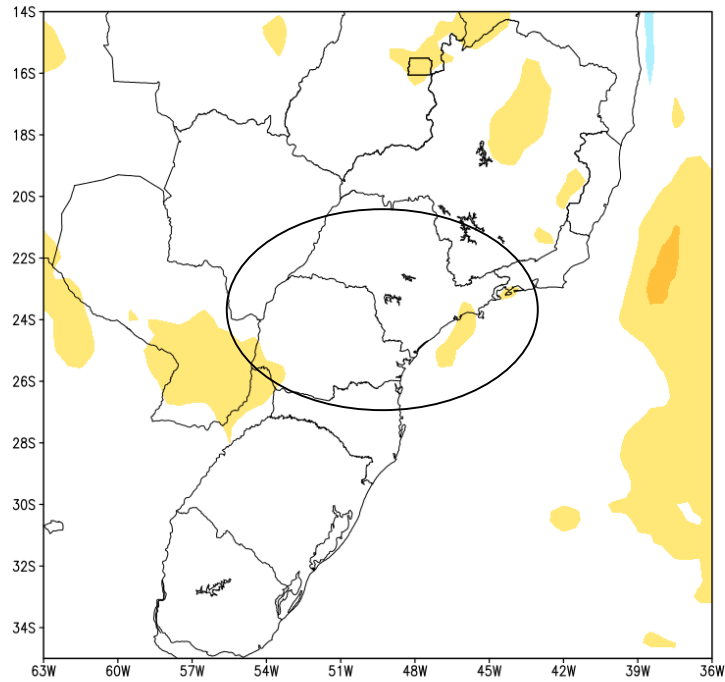


Previsão de chuva – Segunda semana

GEFS / BRASIL_SUL
Precipitacao acumulada 2aSem (mm)
Previsao das 00Z dia 19/03/2026



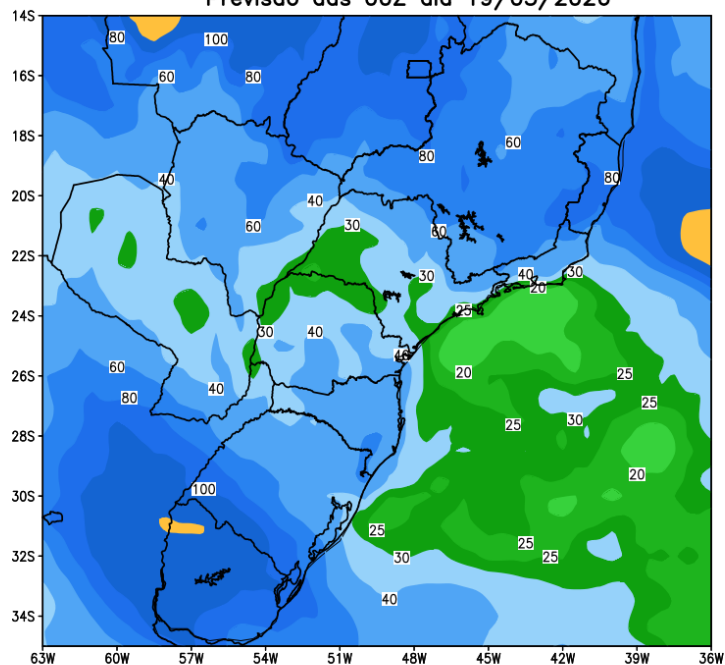
Anomalia de Precipitacao BR_SUL (mm)
Periodo: 2026032700 a 2026040200



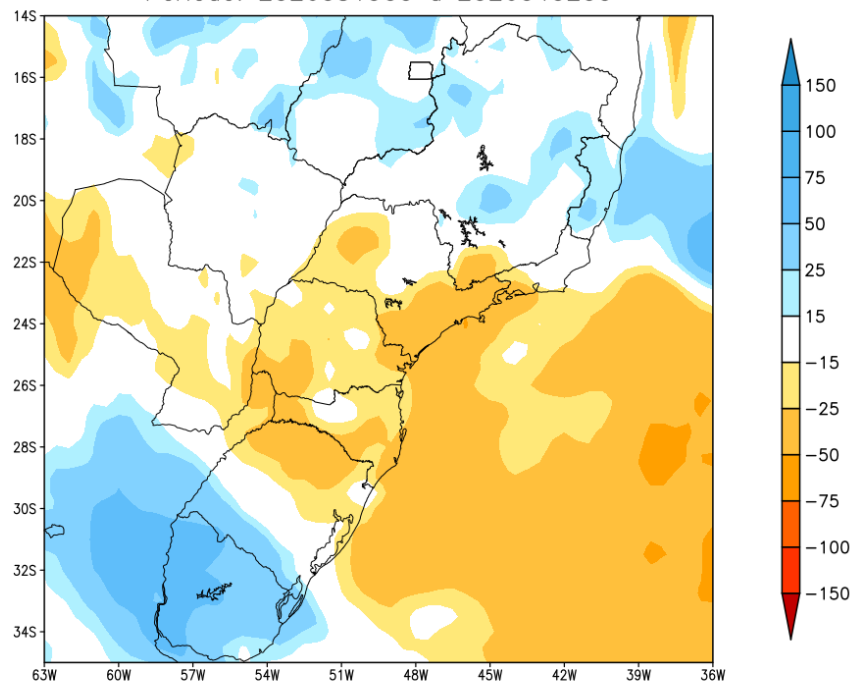
Fonte: GEFS/NOAA

Previsão de chuva – Próximas duas semanas

GEFS / BRASIL_SUL
Precipitação acumulada 14 dias (mm)
Previsão das 00Z dia 19/03/2026

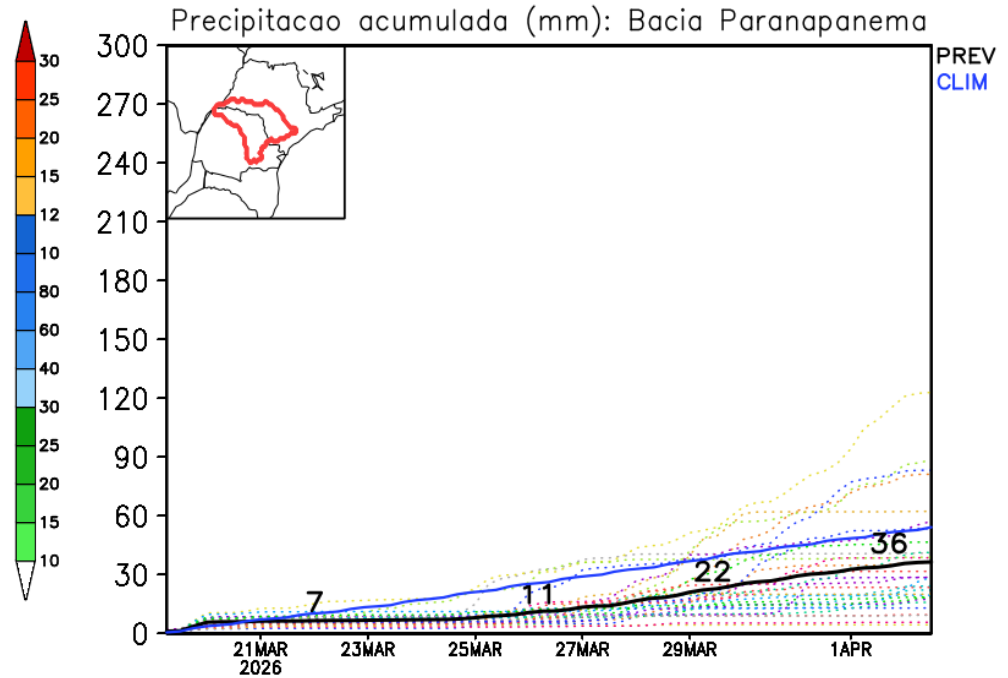
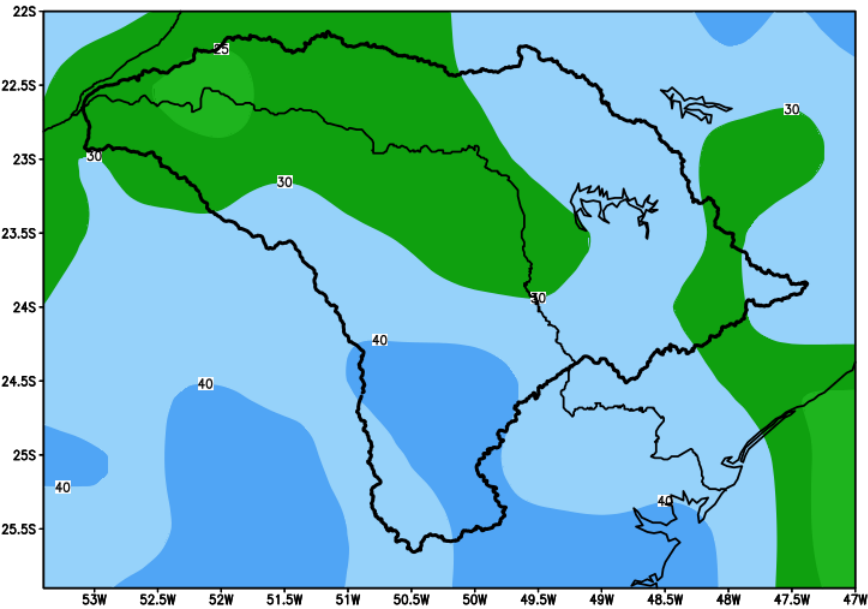


Anomalia de Precipitação BR_SUL (mm)
Período: 2026031900 a 2026040200



Previsão para a bacia do rio Paranapanema

GEFS / Bacia do Rio Paranapanema
Precipitação acumulada em 14 dias (mm)
Previsão das 00Z dia 19/03/2026

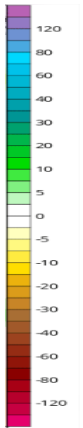
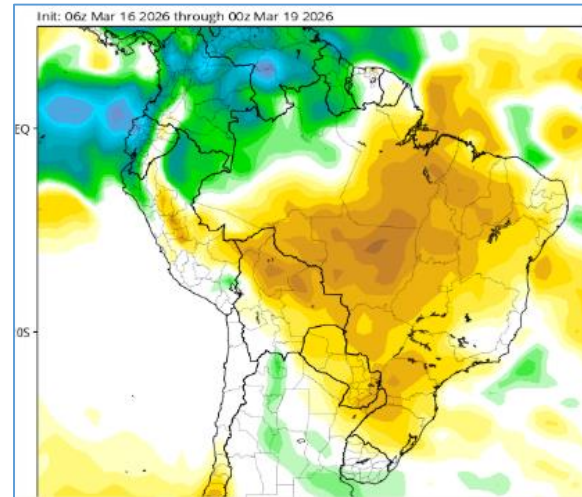
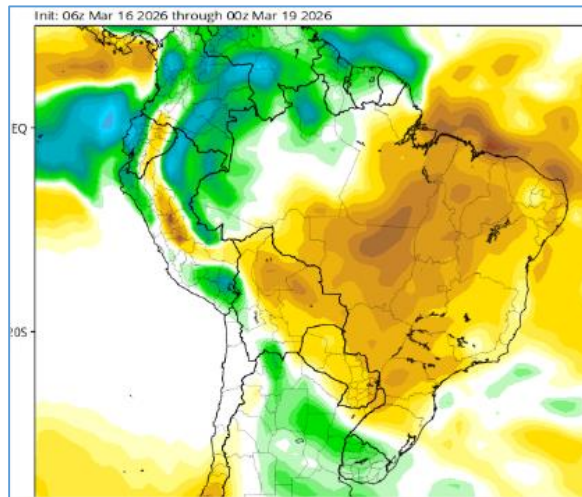


Tendência 3a e 4a semanas

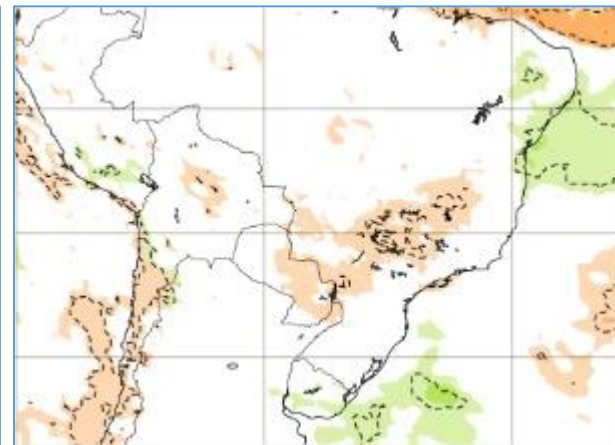
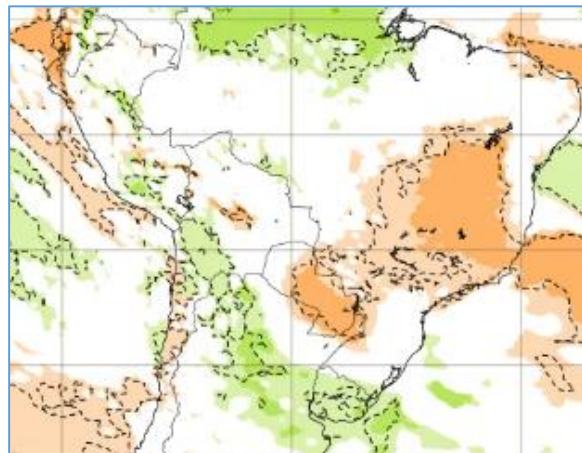
02-09 Abr

09-16 Abr

CFS/NOAA

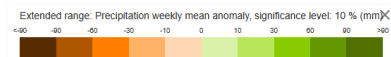


ECMWF



30 Mar - 06 Apr

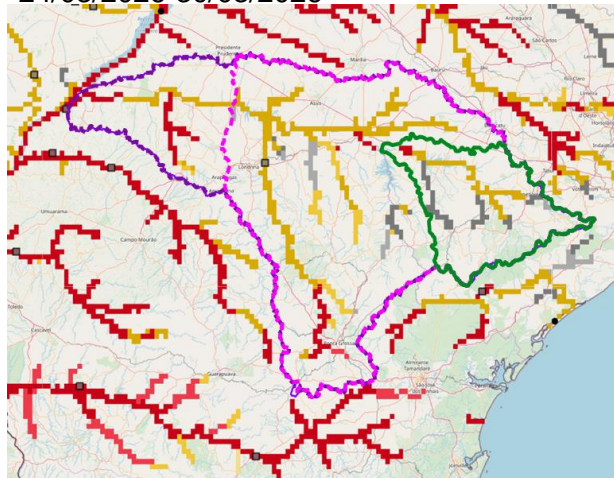
06-13 Apr



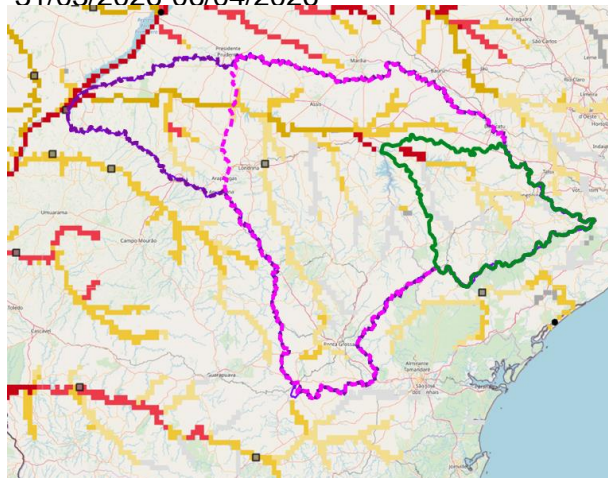
Previsão Sub-sazonal (45 dias) de vazão natural para a Bacia do Rio Paranapanema (GloFAS)

Previsão: 24/03/2026 – 27/04/2026

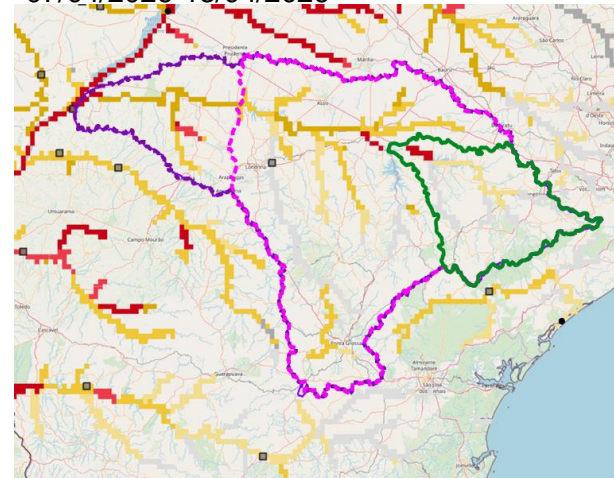
24/03/2026-30/03/2026



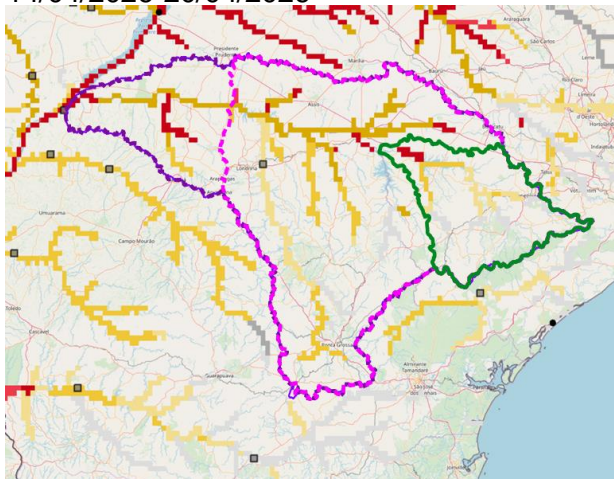
31/03/2026-06/04/2026



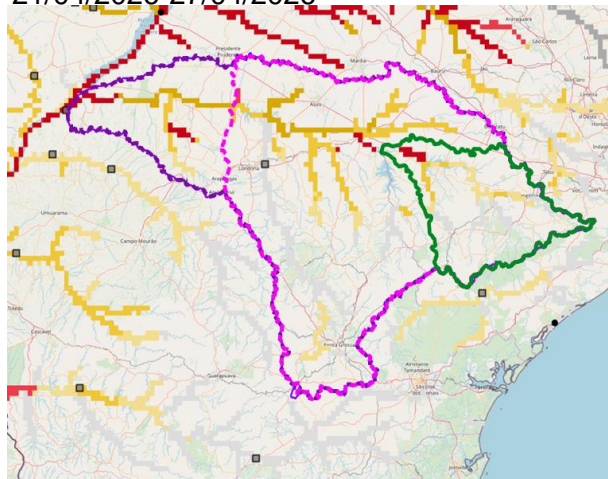
07/04/2026-13/04/2026



14/04/2026-20/04/2026



21/04/2026-27/04/2026



Categoria de anomalia de vazões (percentil)

Categoria de incerteza

Muito abaixo (1-10)

Baixa (0-10) Média (10-20) Alta (<20)





Abaixo (10-25)

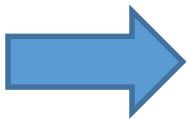
Média (25-75)

Acima (75-90)

Muito acima (90-100)

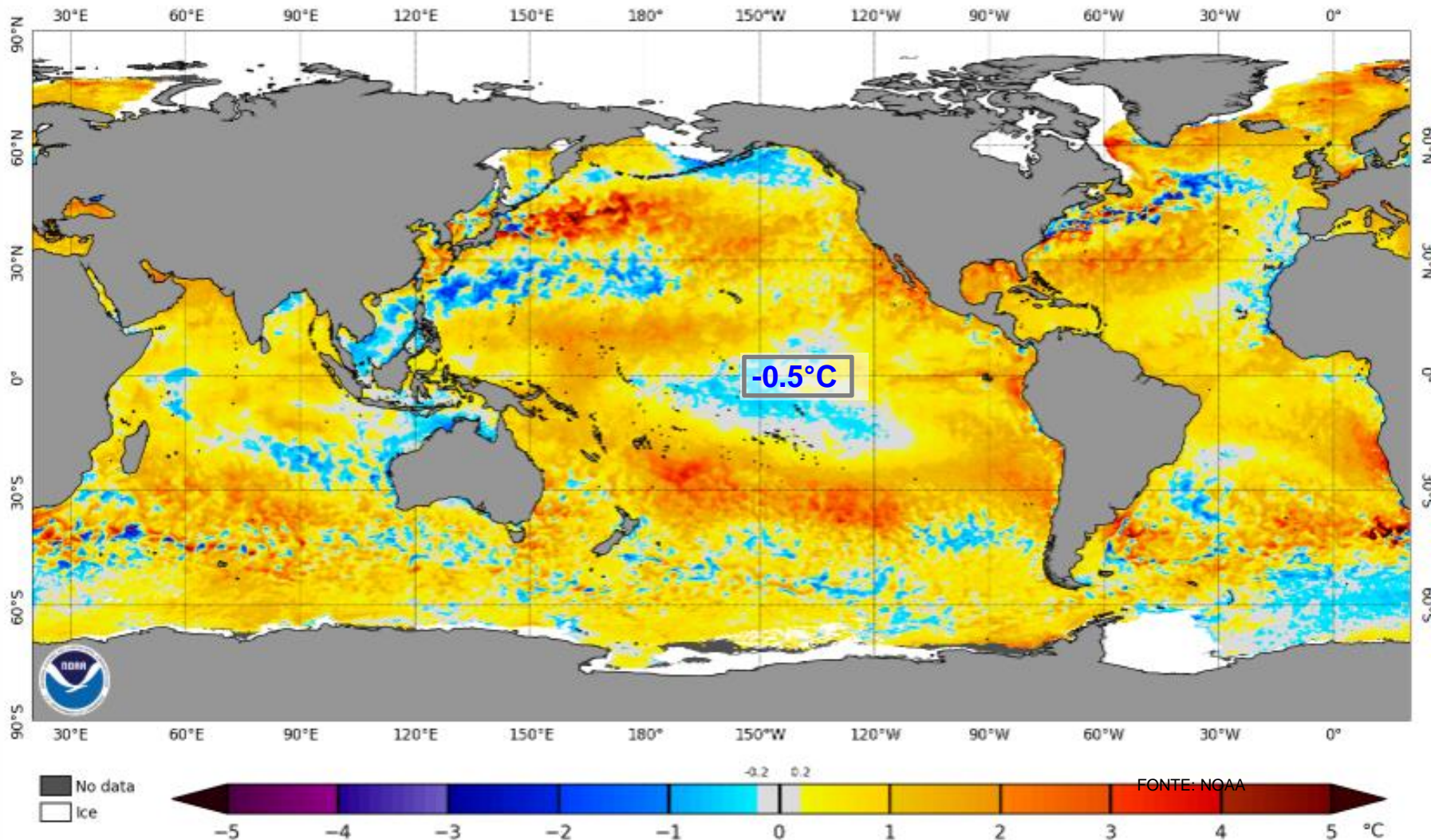


-  Jurumirim
-  Capivara
-  Rosana
-  Bacia Paranapanema



Status Atual: **La Niña Advisory** / **El Niño Watch**

NOAA Coral Reef Watch Daily 5km SST Anomalies (v3.1) 16 Mar 2026

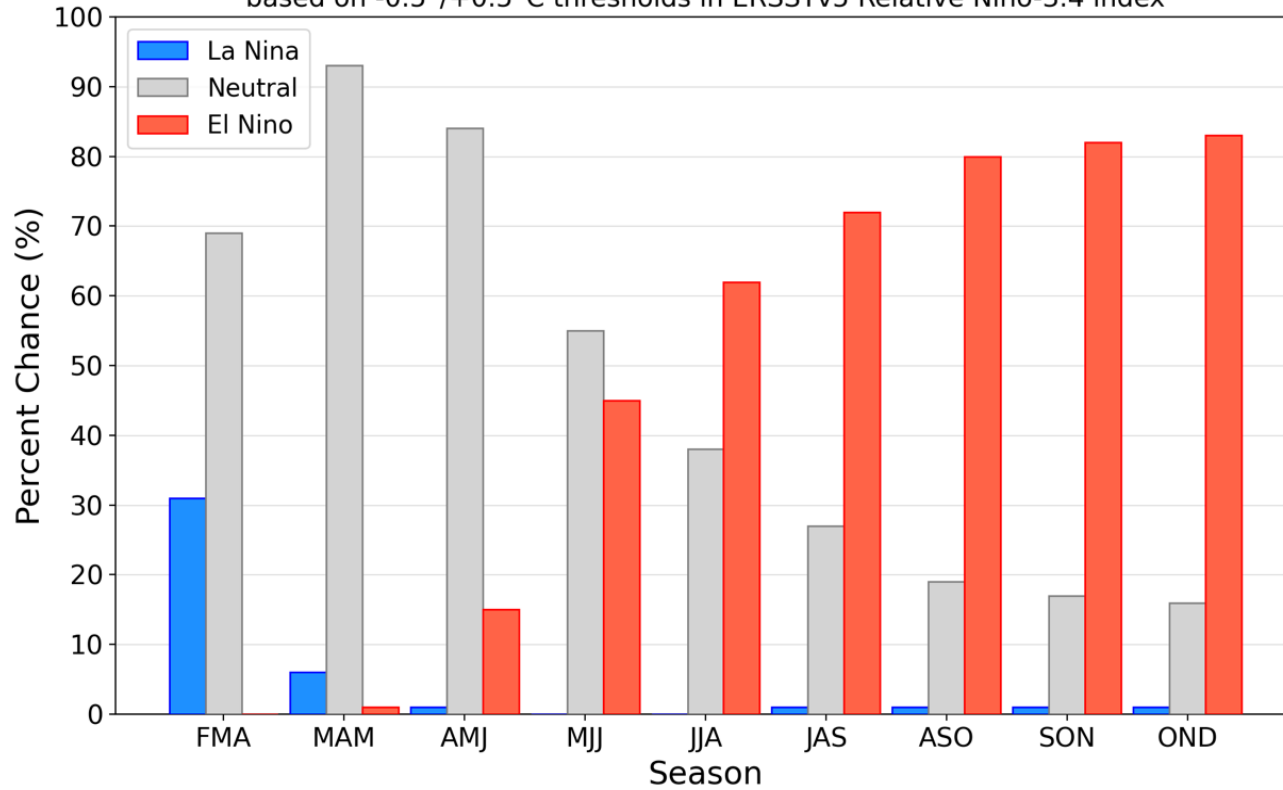


Click map above to zoom in on the image.

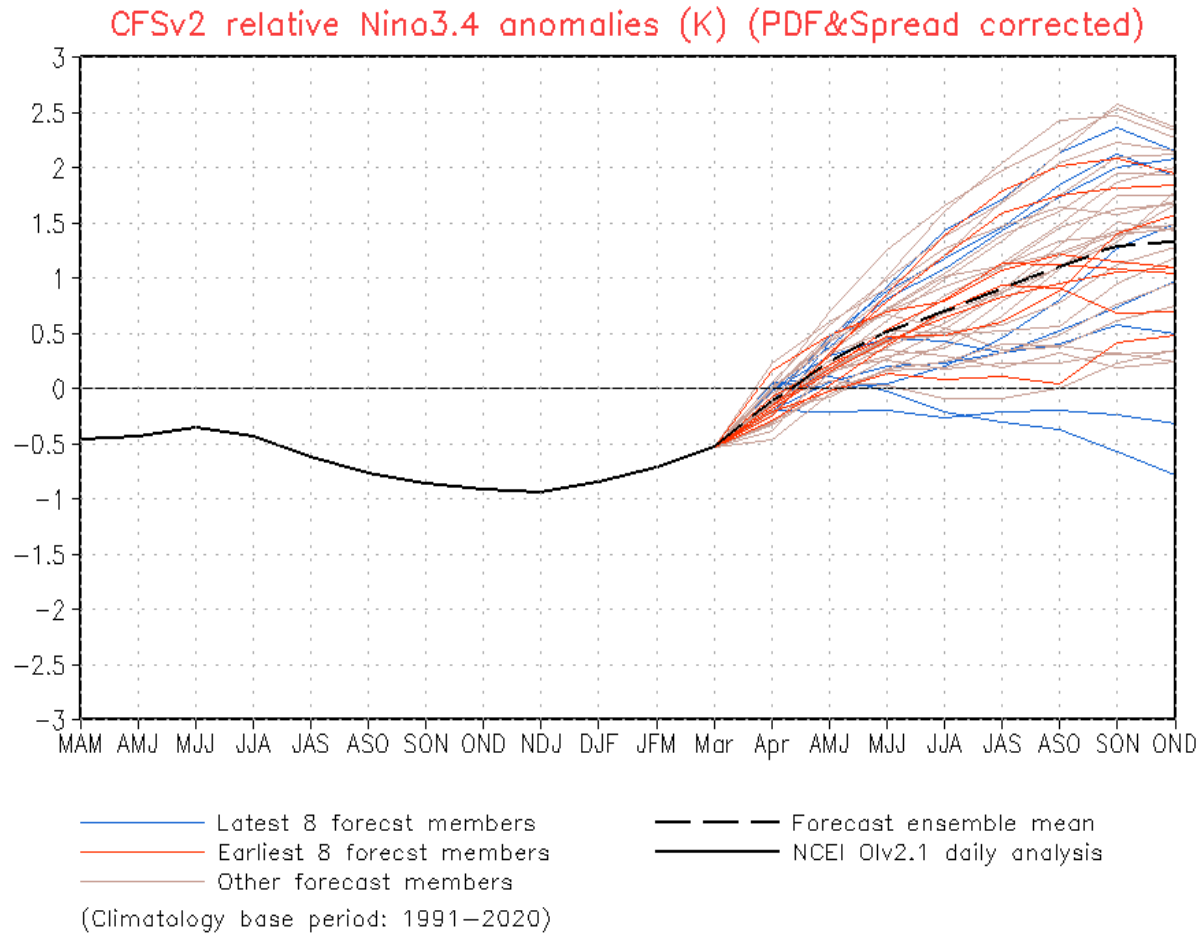
Previsão do “ENSO”

Official NOAA CPC ENSO Probabilities (issued March 2026)

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



Previsão do “ENSO”



Previsão Sazonal de Chuva Multi-Modelo

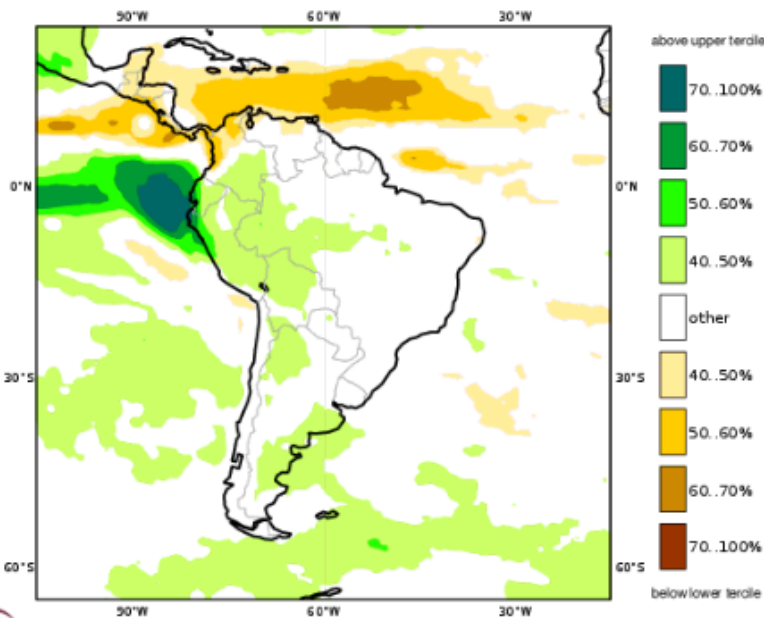
Abril-Maio-Junho

Prob(most likely category of precipitation)

Nominal forecast start: 01/03/26

Unweighted mean

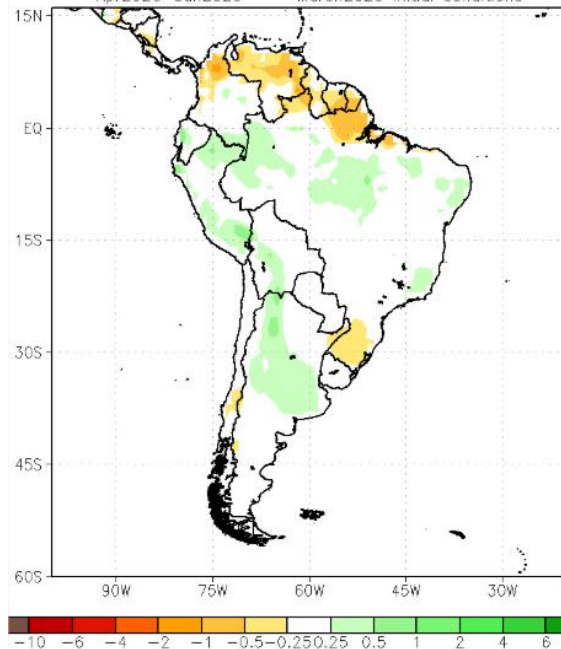
AMJ 2026



Modelos "Europeus"

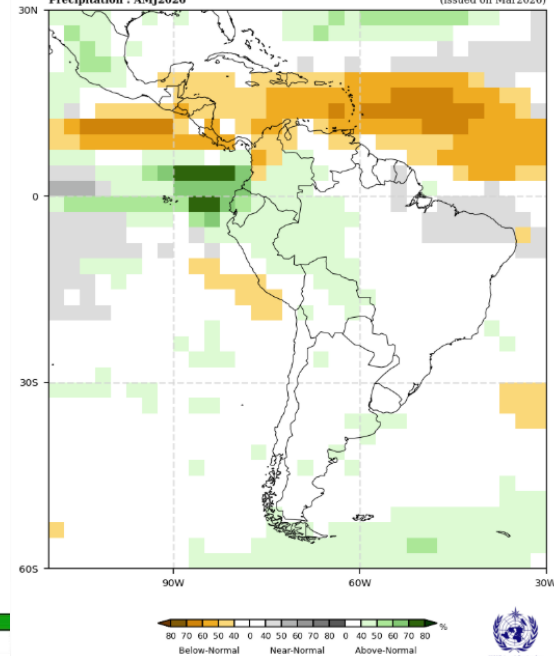
NMME Precipitation Anomalies (mm/day)

Apr2026-Jun2026 March2026 initial conditions



Modelos Norte Americanos

Precipitation : AMJ2026 (Issued on Mar2026)



Modelos da WMO