

Monitoramento e Previsões de chuva para a Bacia do Rio Paranapanema

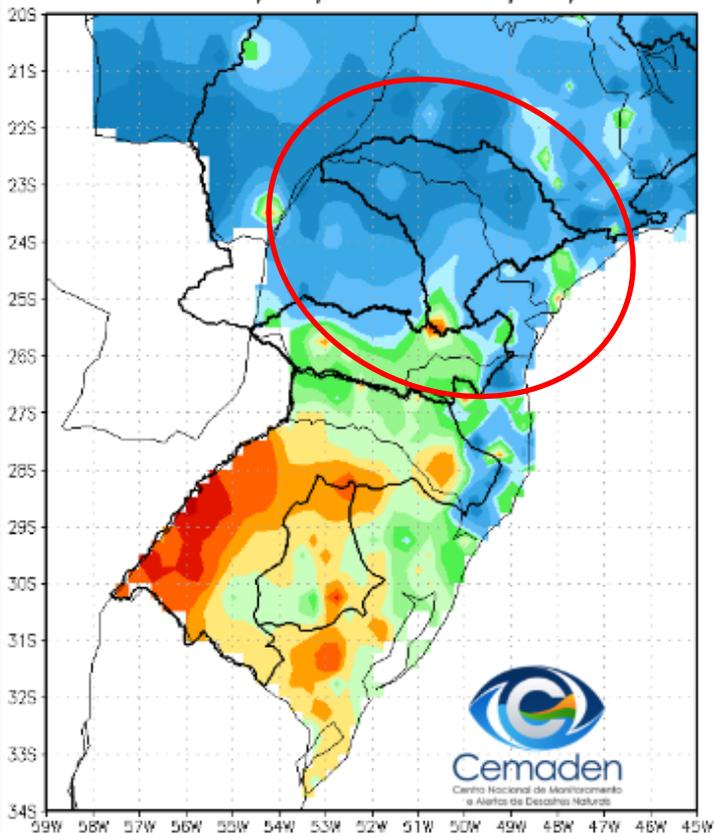


Cemaden
Centro Nacional de Monitoramento
e Alertas de Desastres Naturais

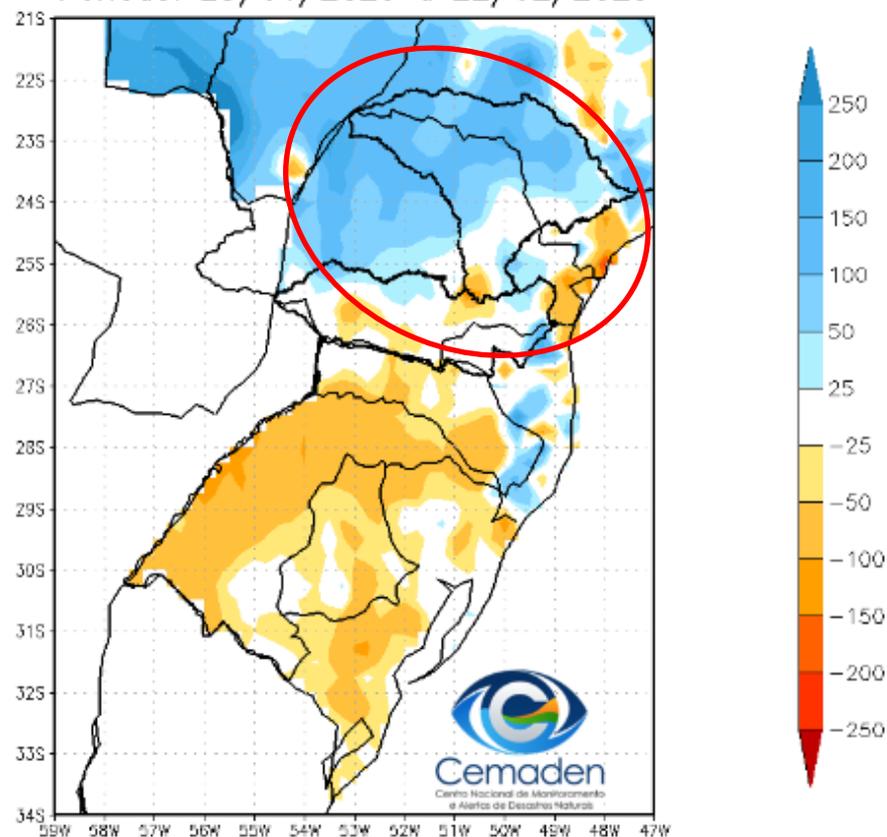
23 de Fevereiro de 2023

Precipitação acumulada nos últimos 30 dias

Precipitação Acumulada (mm) A.S.
Período: 23/01/2023 a 22/02/2023

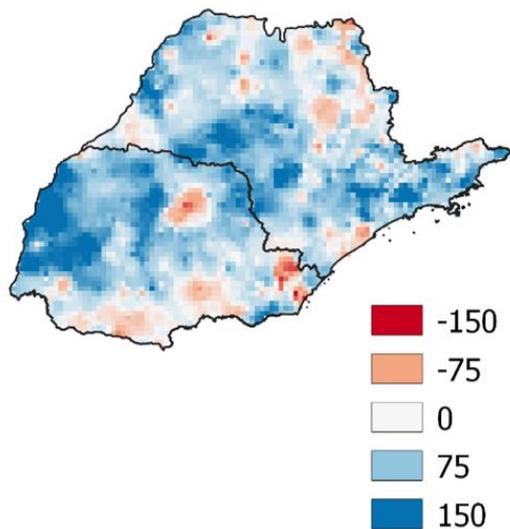


Anomalia de Precipitação (mm) A.S.
Período: 23/01/2023 a 22/02/2023



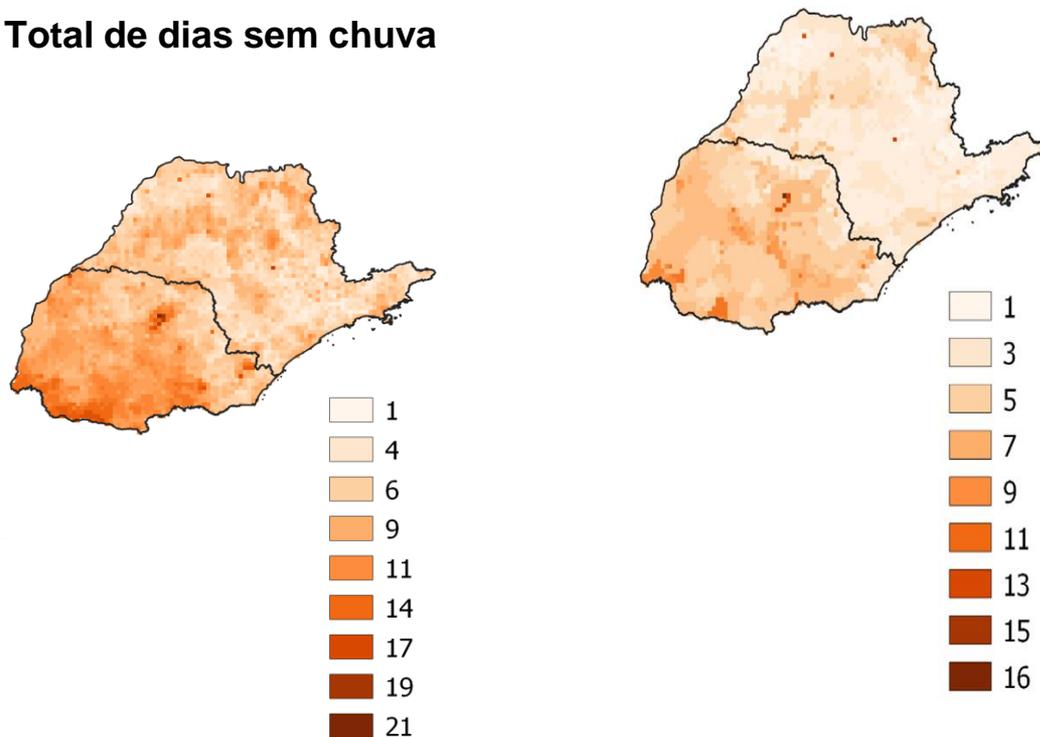
PRECIPITAÇÃO: FEVEREIRO 2023 (ATÉ 22/02)

Anomalia (mm)

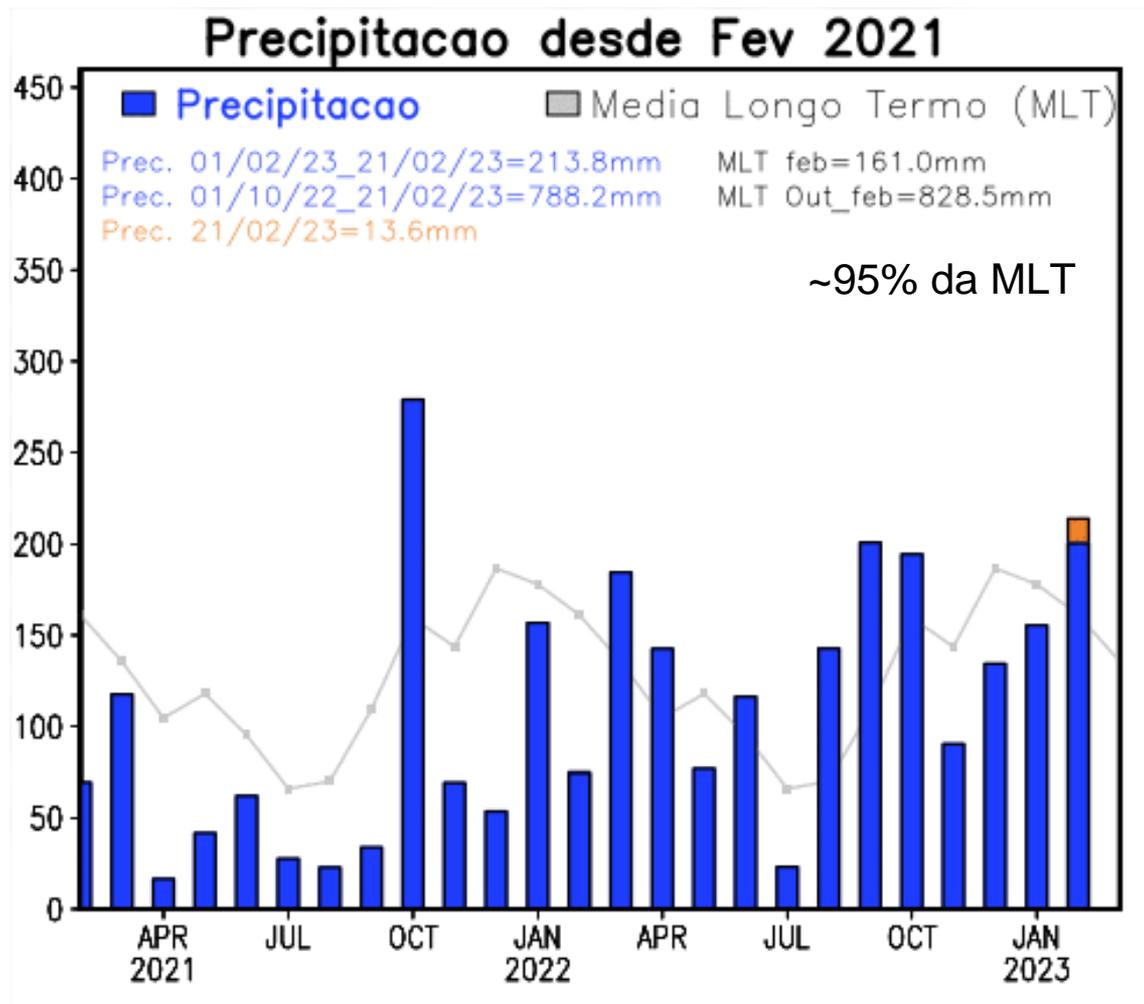


Máximo de dias consecutivos sem chuva

Total de dias sem chuva

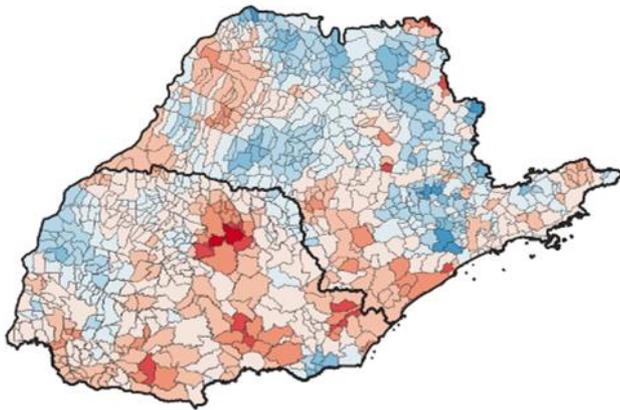


Evolução temporal da precipitação

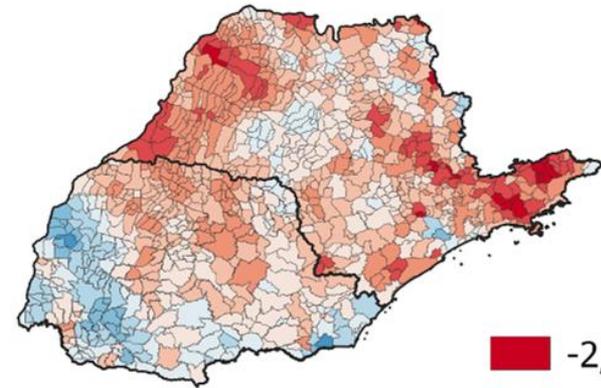


SPI: FEVEREIRO 2023 (ATÉ 22/02)

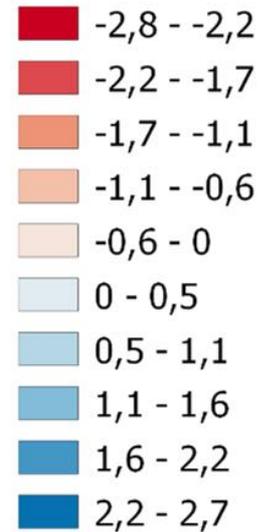
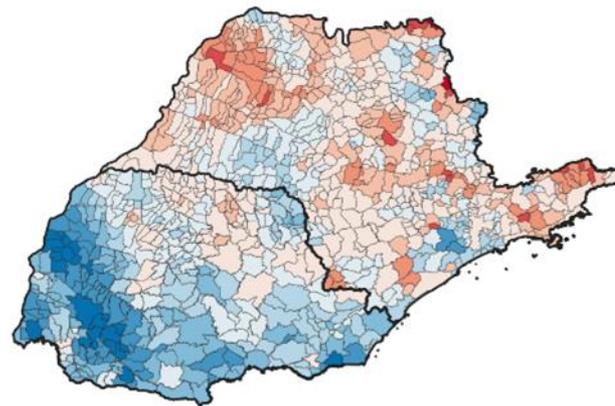
SPI03



SPI24



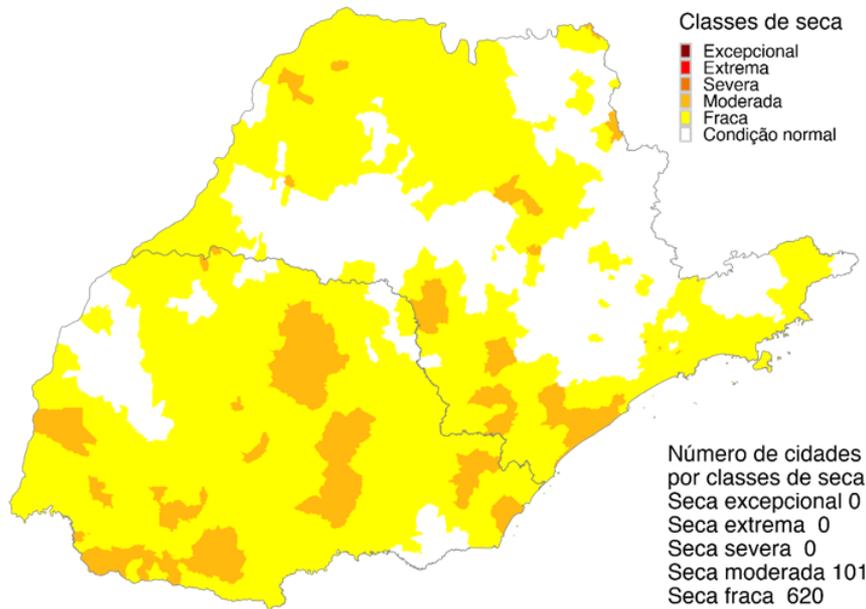
SPI12



ÍNDICE INTEGRADO DE SECA - IIS

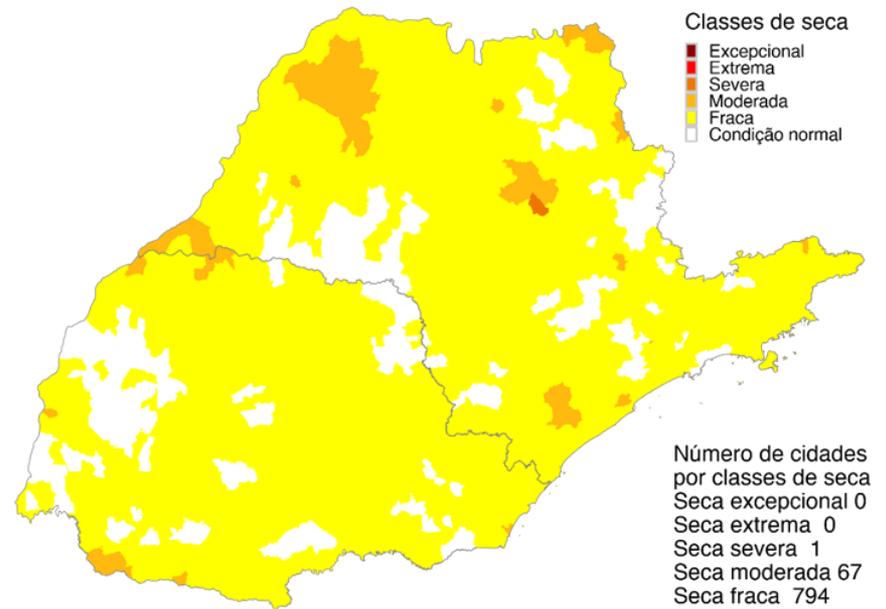
(SPI3 E 6 + VHI + AUS): FEVEREIRO/2023

IIS 3 MESES



Fevereiro 2023
Índice Integrado de Seca (SPI3, VHI, US)
Dados: CPTEC/INPE - NOAA - NASA / Preparação: Cemaden/MCTI

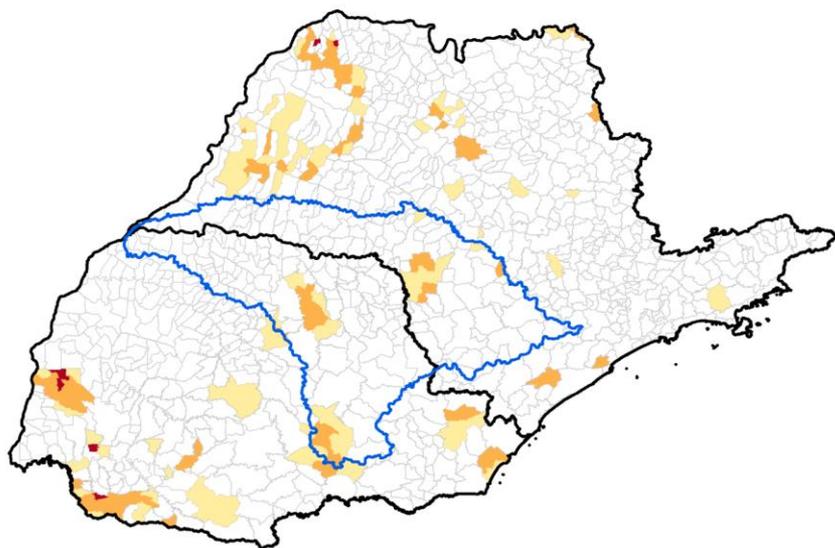
IIS 6 MESES



Fevereiro 2023
Índice Integrado de Seca (SPI6, VHI, US)
Dados: CPTEC/INPE - NOAA - NASA / Preparação: Cemaden/MCTI

ÁREAS DE PASTAGENS E AGRÍCOLAS AFETADAS PELA SECA

FEV/23



UF	40 a 60%	60 - 80%	> 80%
PR	33	24	4
SP	44	35	2

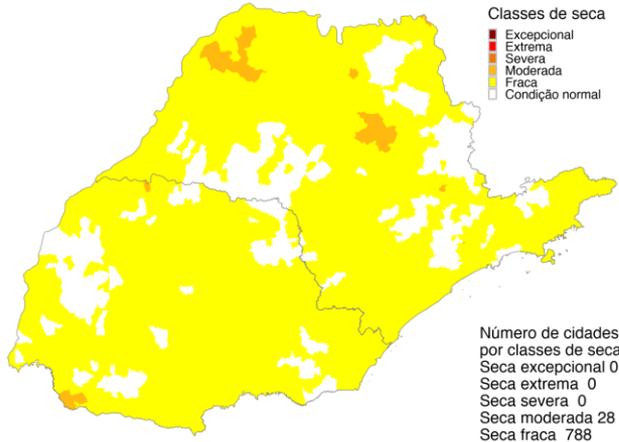
	40 a 60%	60 - 80%	> 80%	Imóveis Rurais Impactados > 40%
Paraná				
Minifundio	39641 (10%)	54187 (8%)	13142 (1%)	51346 (20%)
Pequena Propriedade	22631 (9%)	24311 (7%)	4567 (1%)	21341 (17%)
Media Propriedade	5255 (8%)	3425 (4%)	308 (*)	3247 (12%)
São Paulo				
Minifundio	20729(7%)	17946 (6%)	2244 (*)	24258 (12%)
Pequena Propriedade	11413 (6%)	9410 (6%)	760 (*)	12656 (12%)
Media Propriedade	3742 (6%)	2338 (4%)	150 (*)	3619 (10%)

(*) Porcentagem inferior a 1%.

CHUVA 30% ACIMA DA MÉDIA

Março/23

CHUVA 30% ABAIXO DA MÉDIA



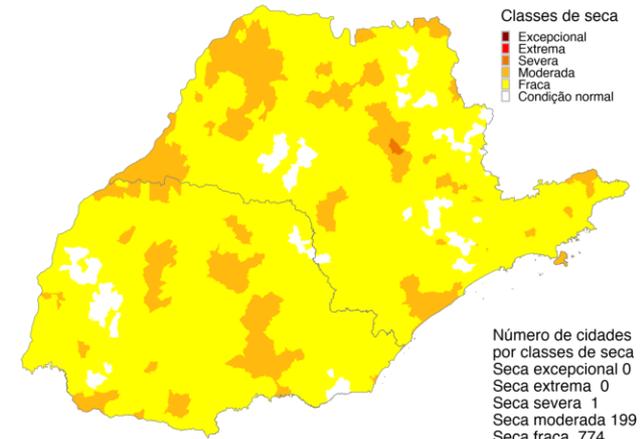
Fevereiro 2023
Índice Integrado de Seca (SPI6, VHI, US)
Cenário: Chuva + 40%
Dados: CPTEC/INPE - NOAA - NASA / Preparação: Cemaden/MCTI

IIS

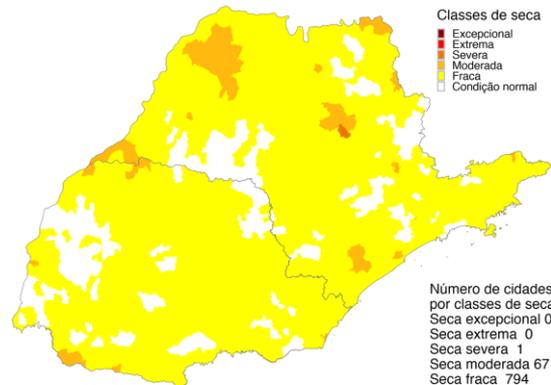
- Seca Excepcional
- Seca Extrema
- Seca Severa
- Seca Moderada
- Seca Fraca
- Normal

IIS OBSERVADO (IIS6)

Fevereiro/23

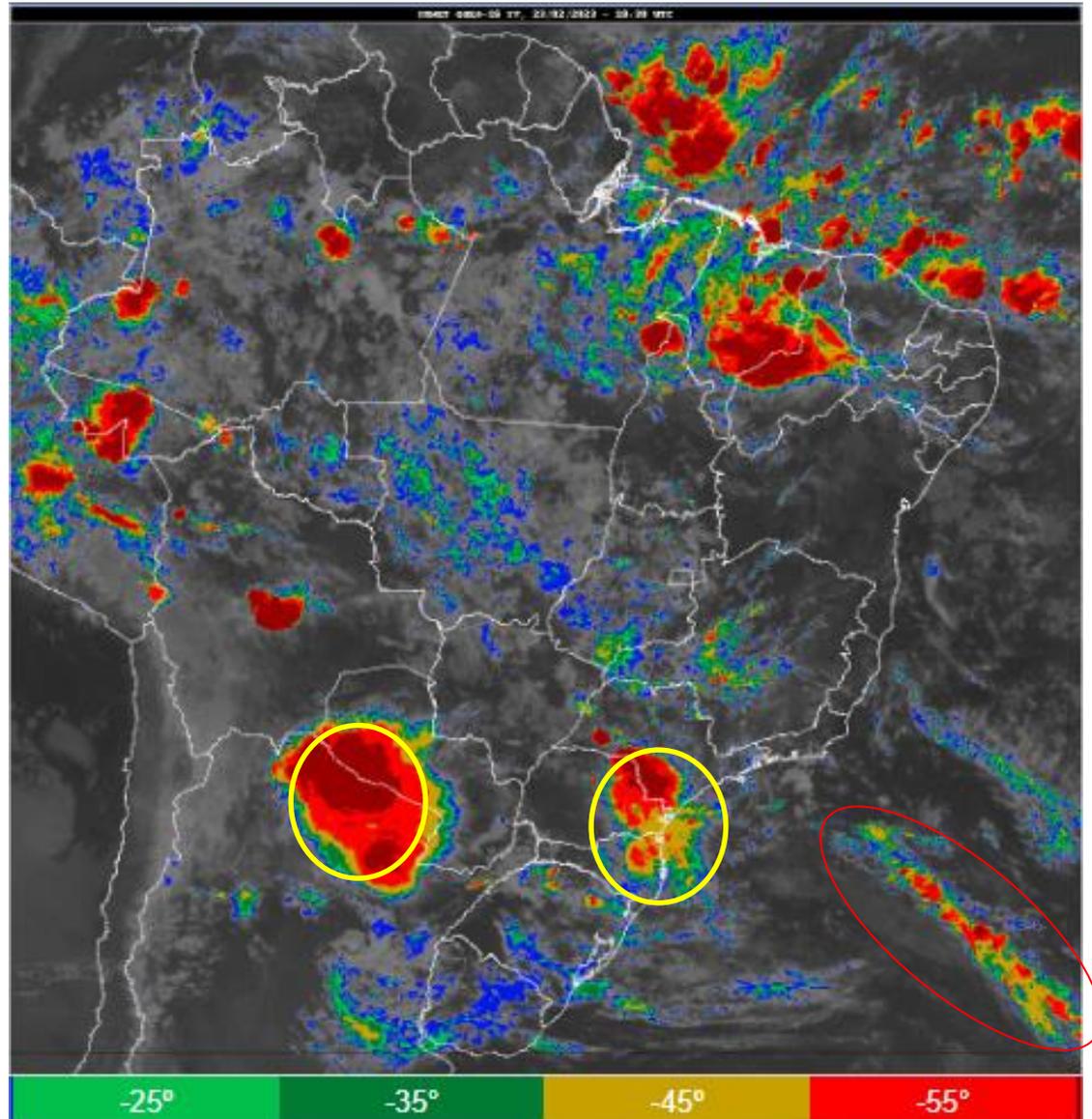


Fevereiro 2023
Índice Integrado de Seca (SPI6, VHI, AUS)
Cenário: Chuva - 40%
Dados: CPTEC/INPE - NOAA - NASA / Preparação: Cemaden/MCTI



Fevereiro 2023
Índice Integrado de Seca (SPI6, VHI, US)
Dados: CPTEC/INPE - NOAA - NASA / Preparação: Cemaden/MCTI

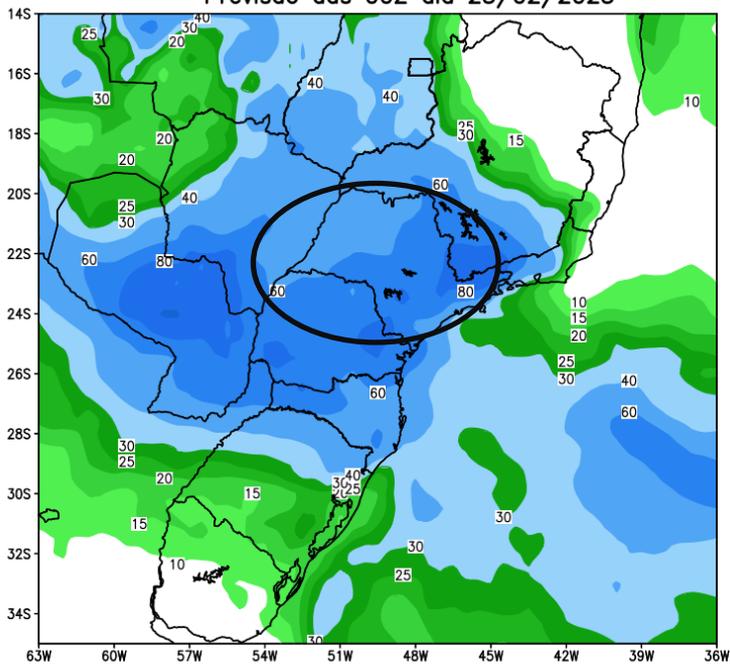
Situação meteorológica atual



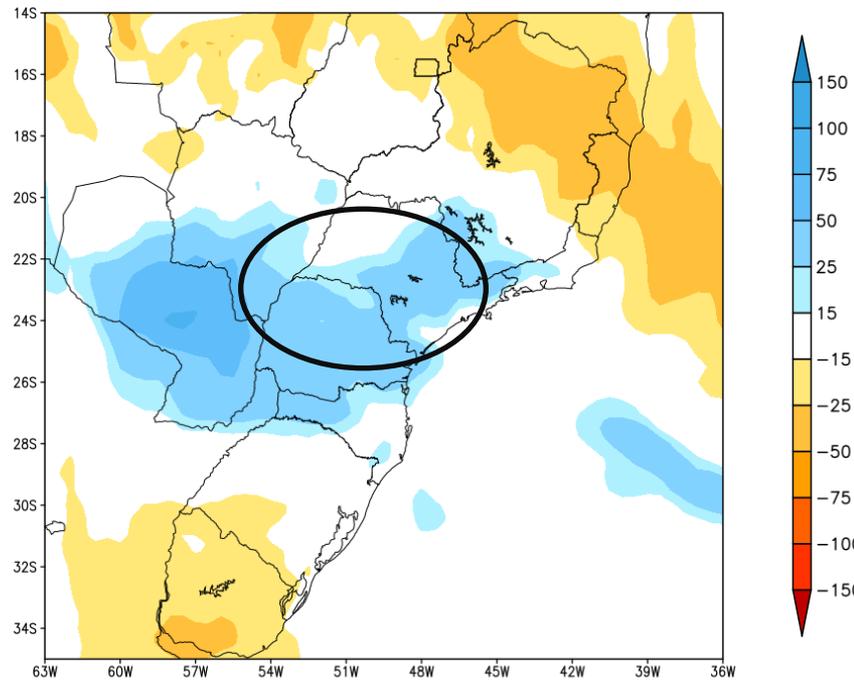
Fonte: INMET

Previsão de chuva próximos 7 dias

GEFS / BRASIL_SUL
Precipitacao acumulada 1aSem (mm)
Previsao das 00Z dia 23/02/2023



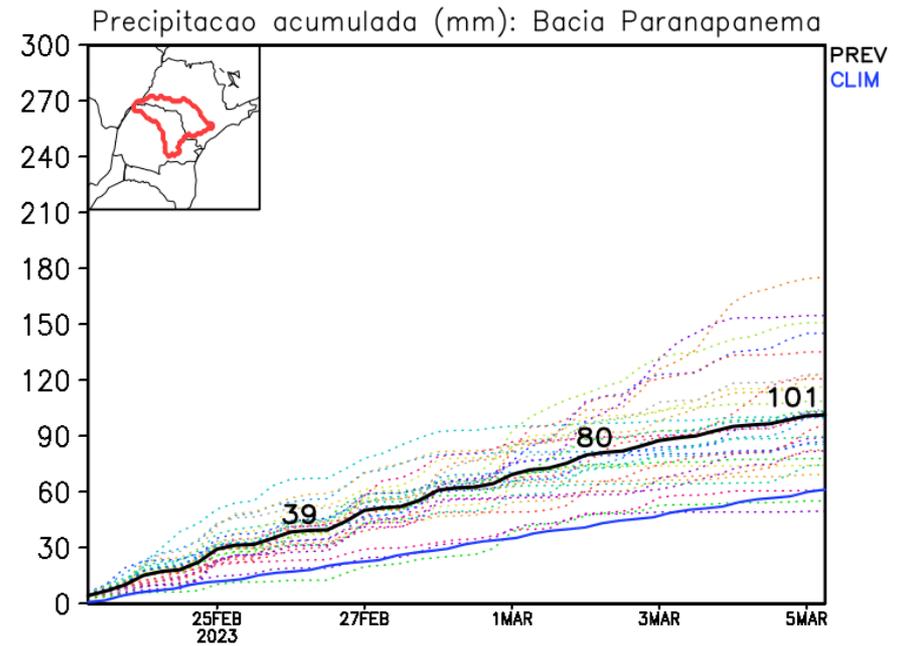
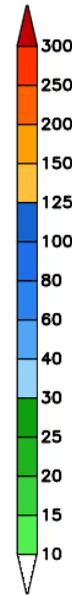
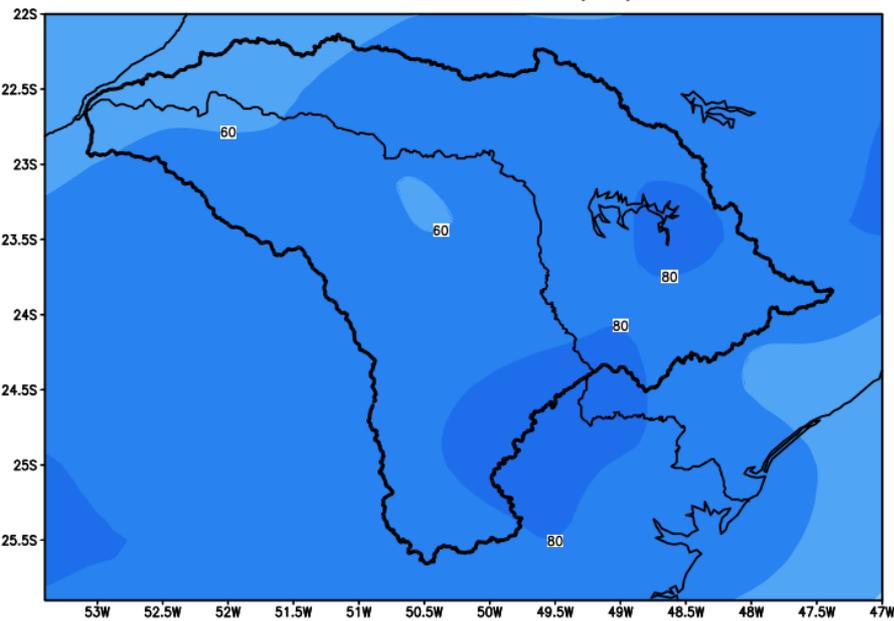
Anomalia de Precipitacao BR_SUL (mm)
Periodo: 2023022300 a 2023030200



MODELO GFS

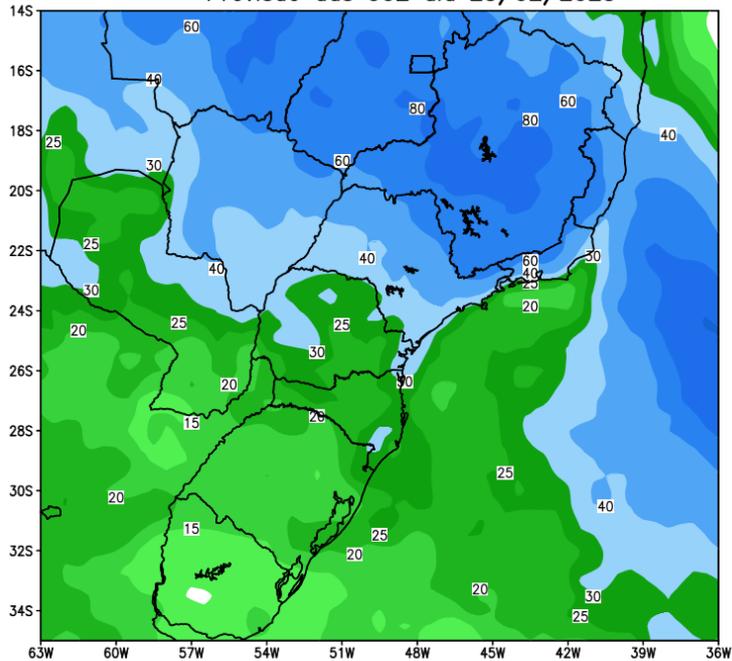
Previsão para a bacia do rio Paranapanema

GEFS / Bacia do Rio Paranapanema
Precipitação acumulada em 7 dias (mm)
Previsão das 00Z dia 23/02/2023

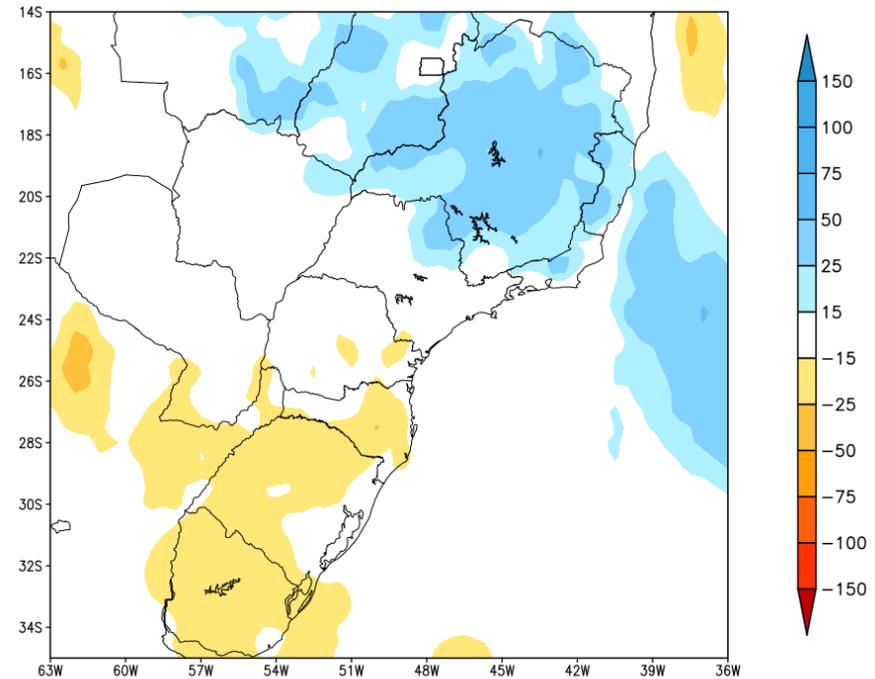


Tendência para a segunda semana

GEFS / BRASIL_SUL
Precipitacao acumulada 2aSem (mm)
Previsao das 00Z dia 23/02/2023



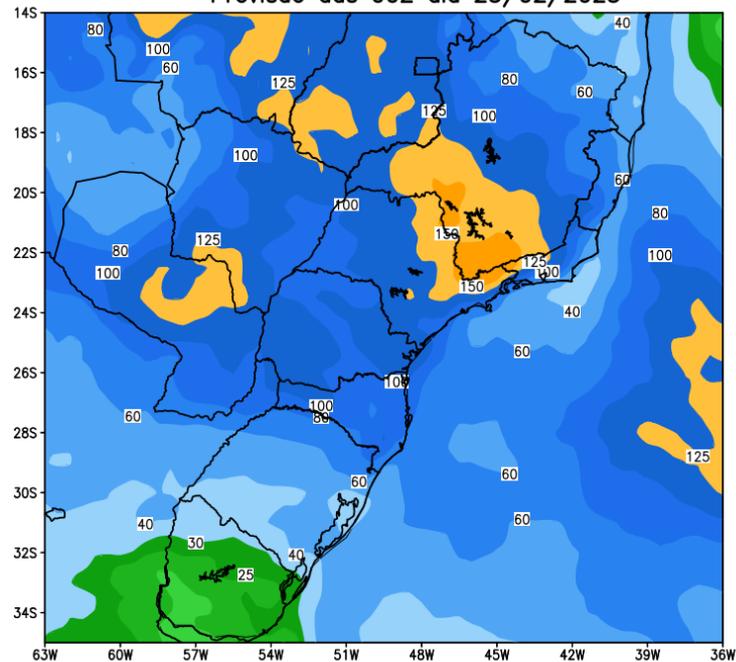
Anomalia de Precipitacao BR_SUL (mm)
Periodo: 2023030300 a 2023030900



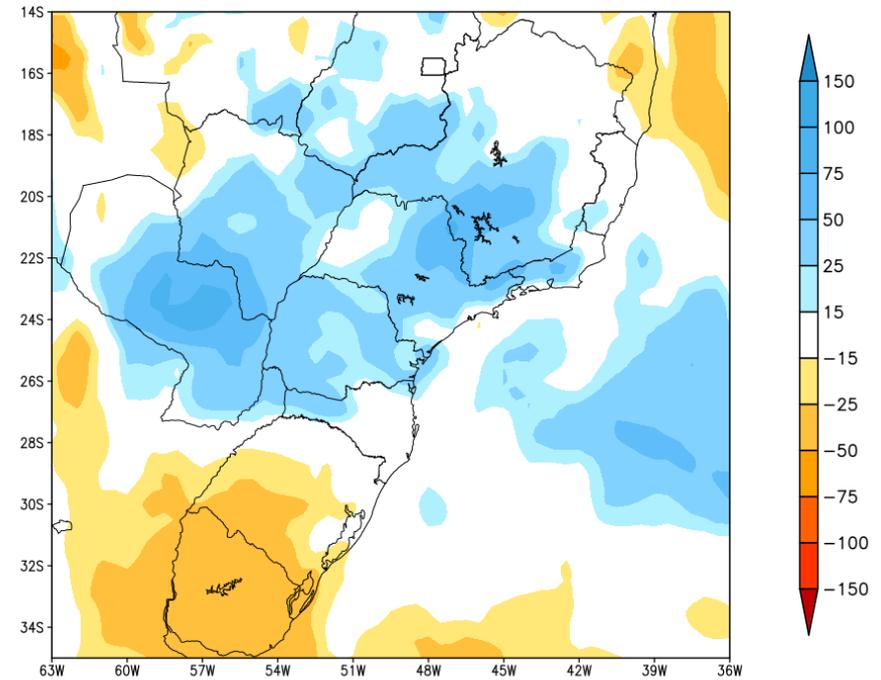
MODELO GFS

Tendência para as duas próximas semanas

GEFS / BRASIL_SUL
Precipitacao acumulada 14dias (mm)
Previsao das 00Z dia 23/02/2023



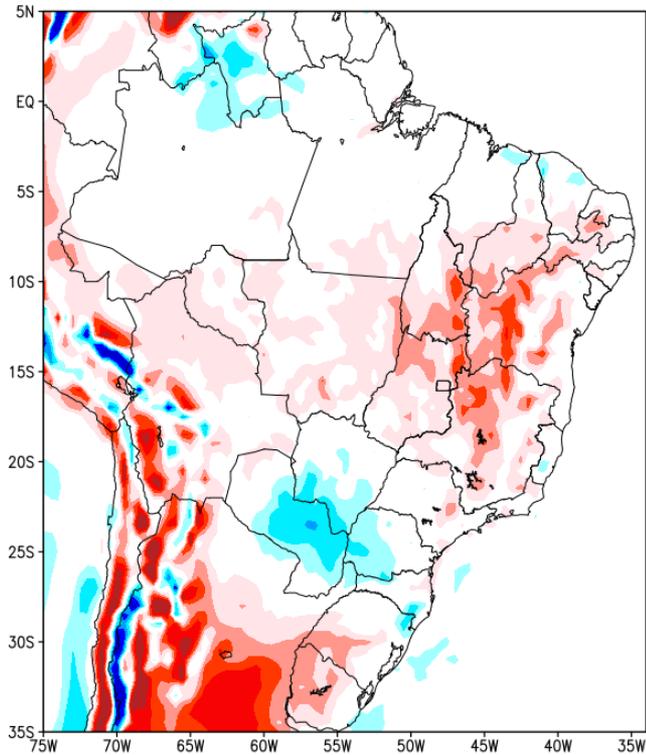
Anomalia de Precipitacao BR_SUL (mm)
Periodo: 2023022300 a 2023030900



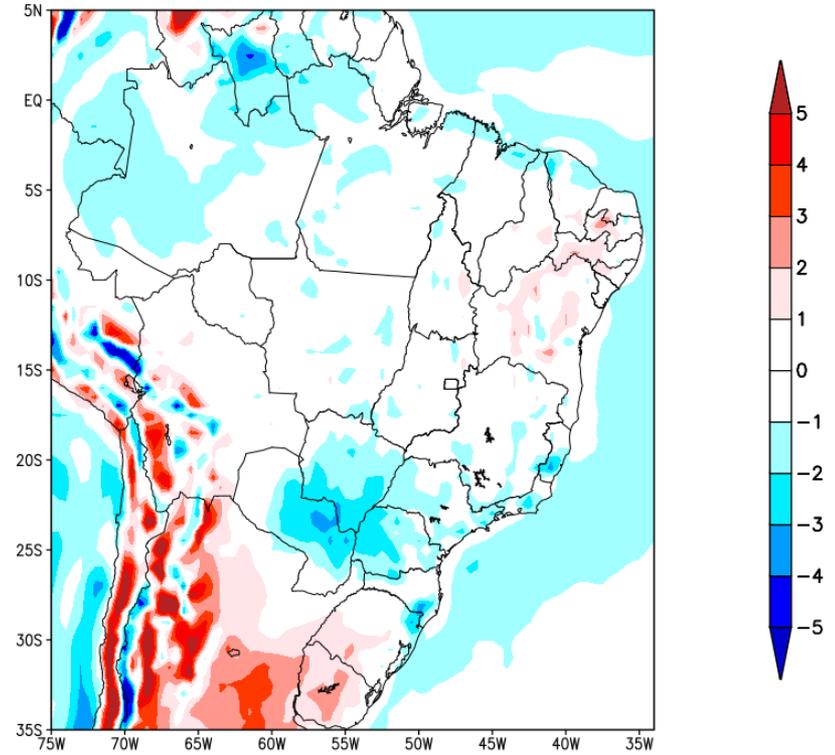
MODELO GFS

Previsão de Temperatura

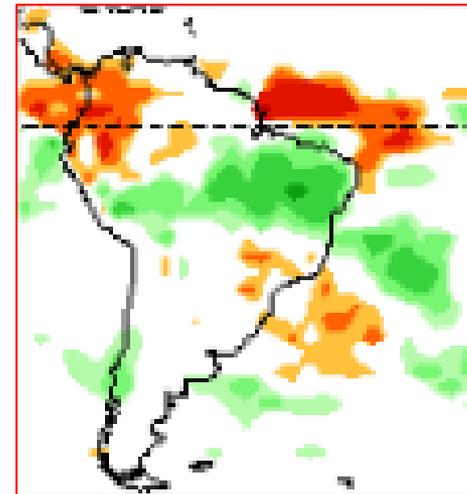
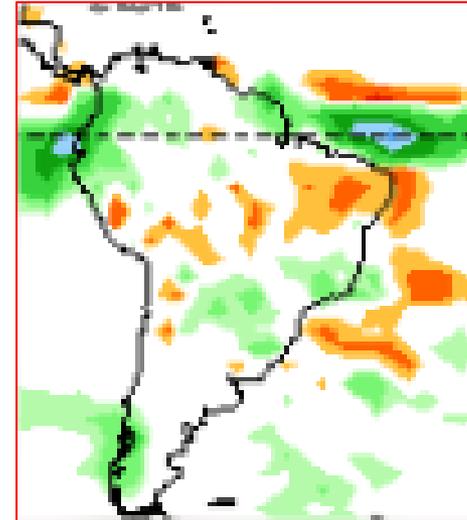
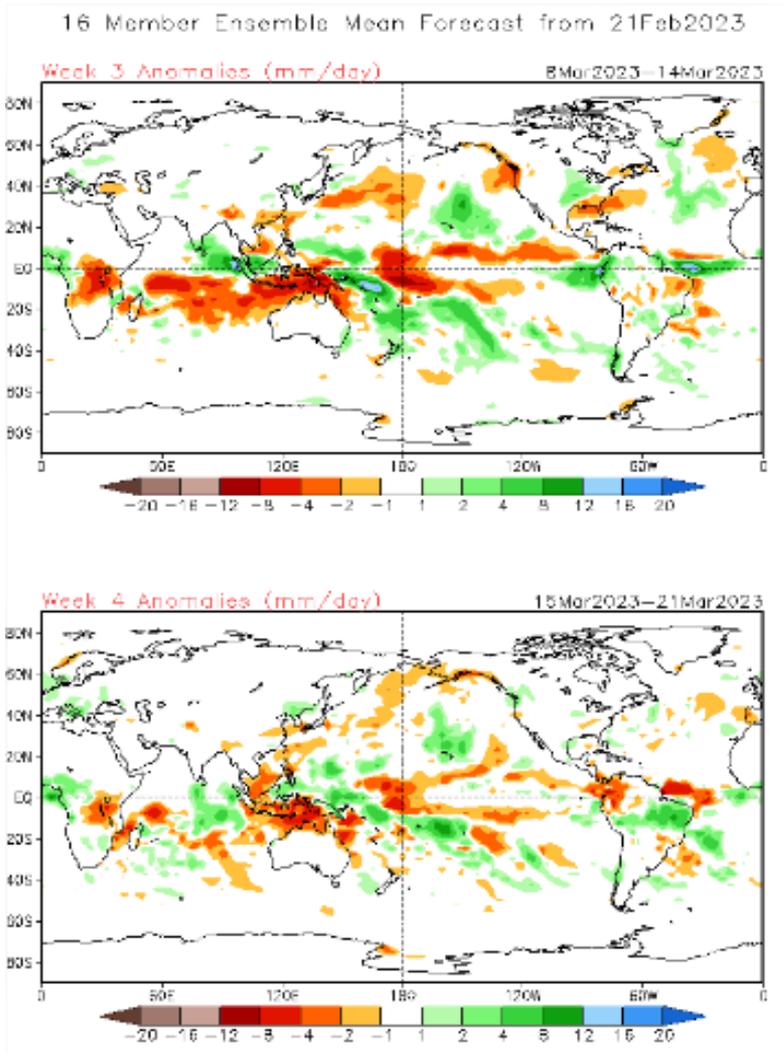
Anomalia de Temperatura BR (C)
Período: 2023022300 a 2023030200



Anomalia de Temperatura BR (C)
Período: 2023030300 a 2023030900

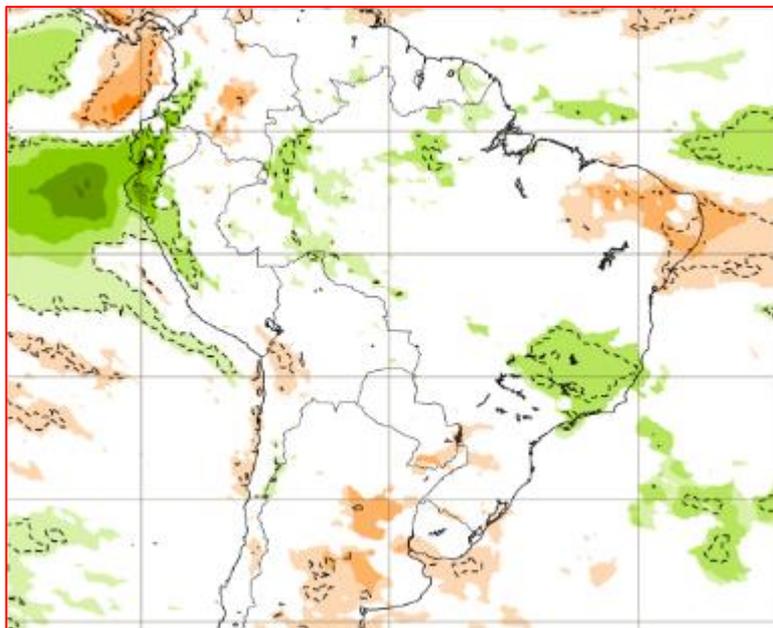


Tendência 3a e 4a semanas

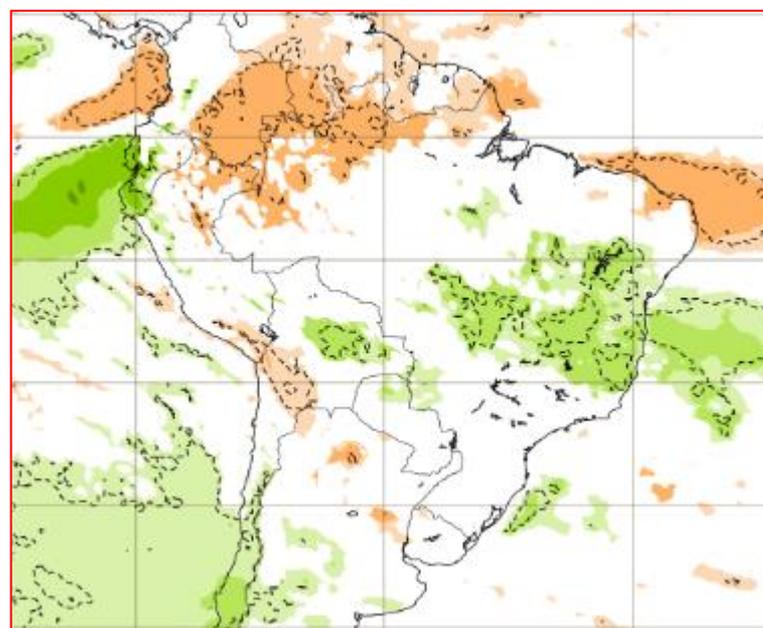


Tendência para 3ª e 4ª semanas

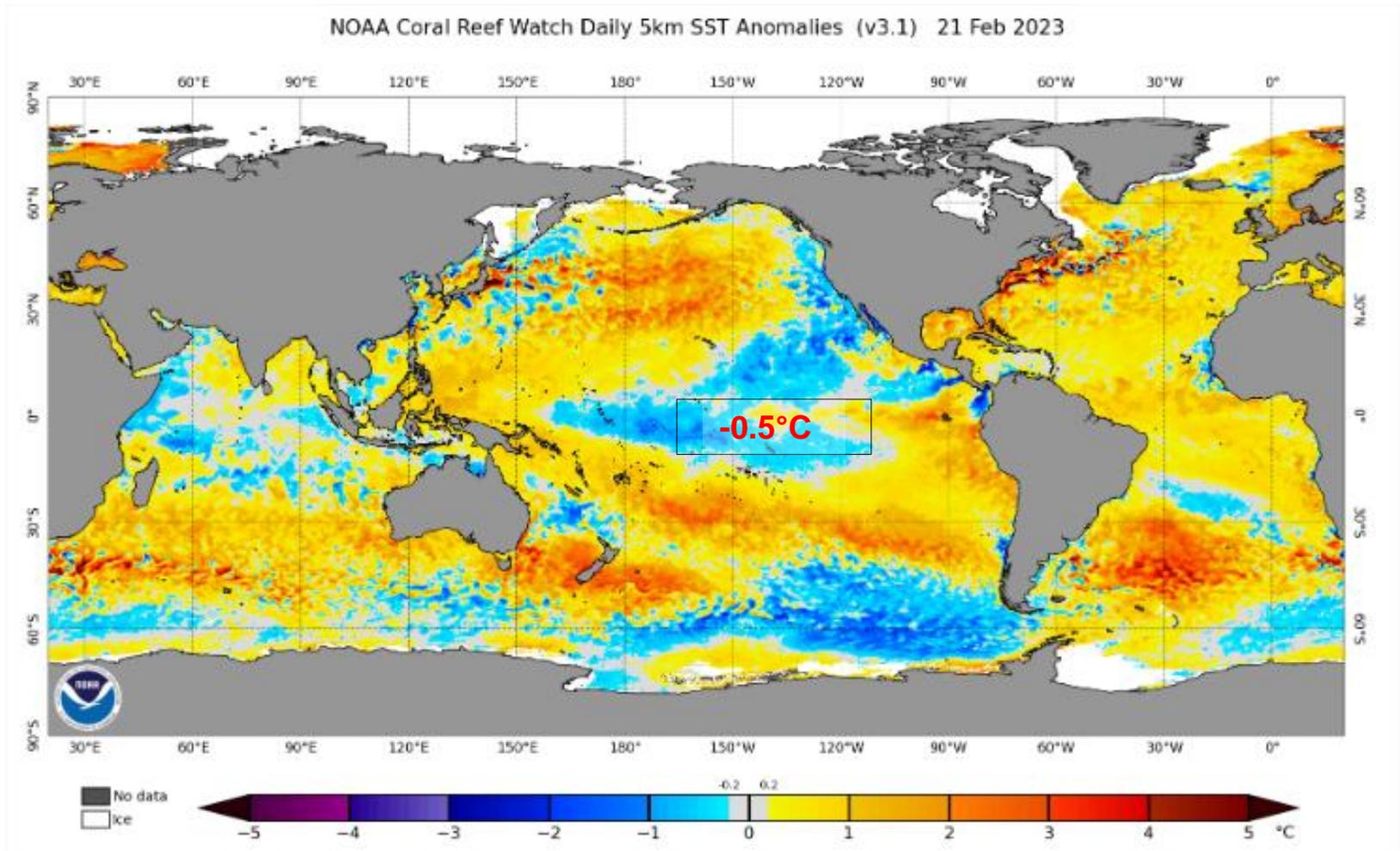
06-13/03



13-20/03



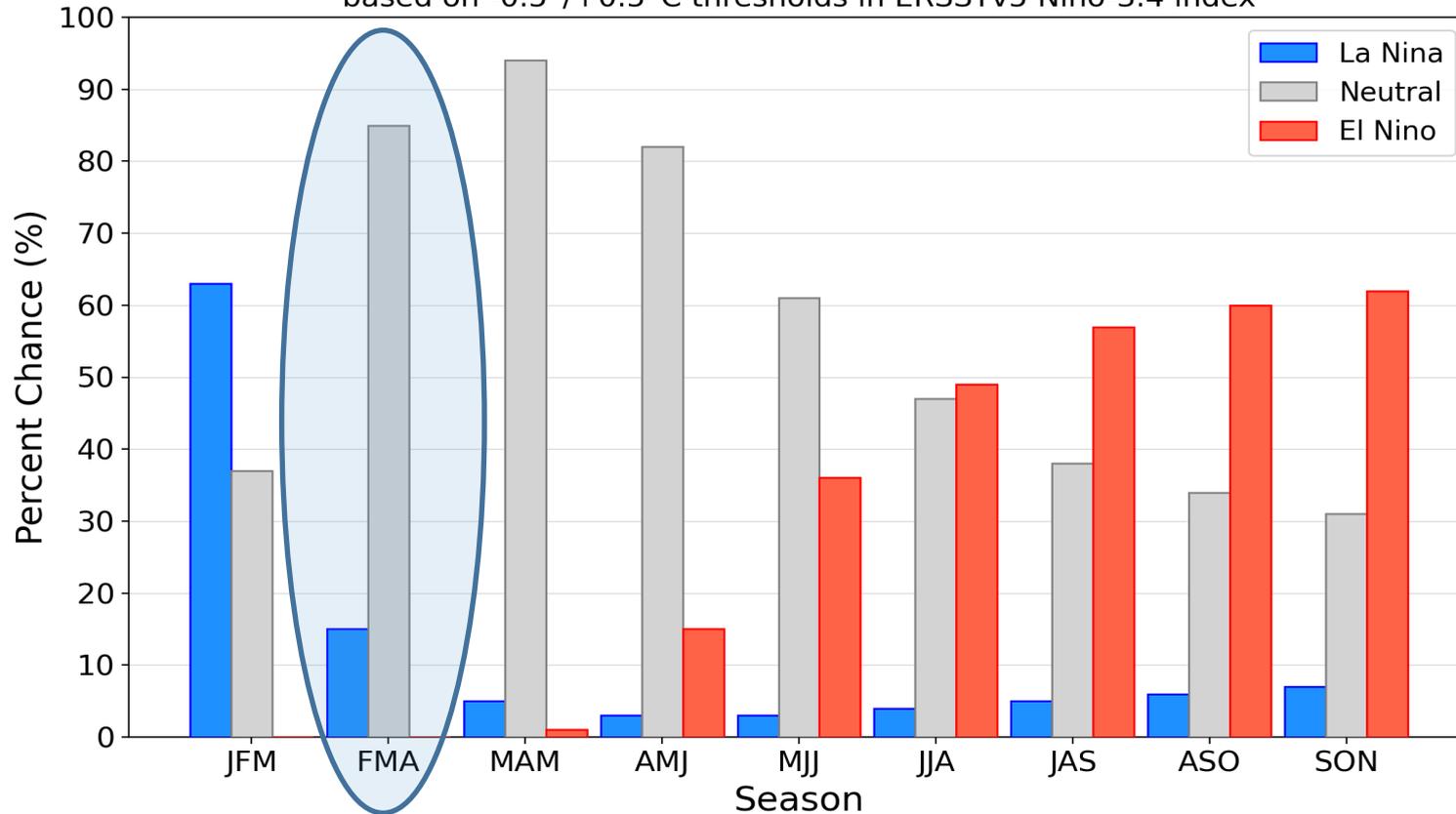
Status Atual: La Niña



Previsão do “La Niña”

Official NOAA CPC ENSO Probabilities (issued Feb. 2023)

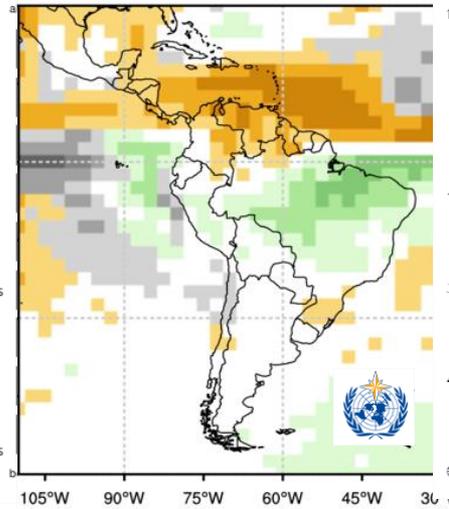
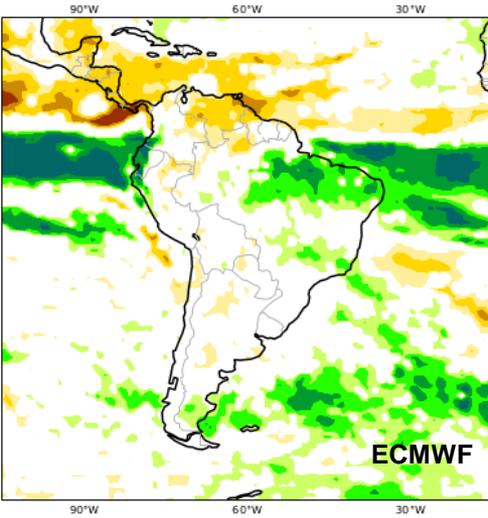
based on $-0.5^{\circ}/+0.5^{\circ}\text{C}$ thresholds in ERSSTv5 Niño-3.4 index



Status Atual: **La Niña**

FONTE: NOAA

Previsão sazonal de Chuva MAM



NMME Precipitation Anomalies (mm/day)

Mar2023-May2023 February2023 initial conditions

