

Monitoramento da situação da seca na Região Nordeste

FEVEREIRO 2024

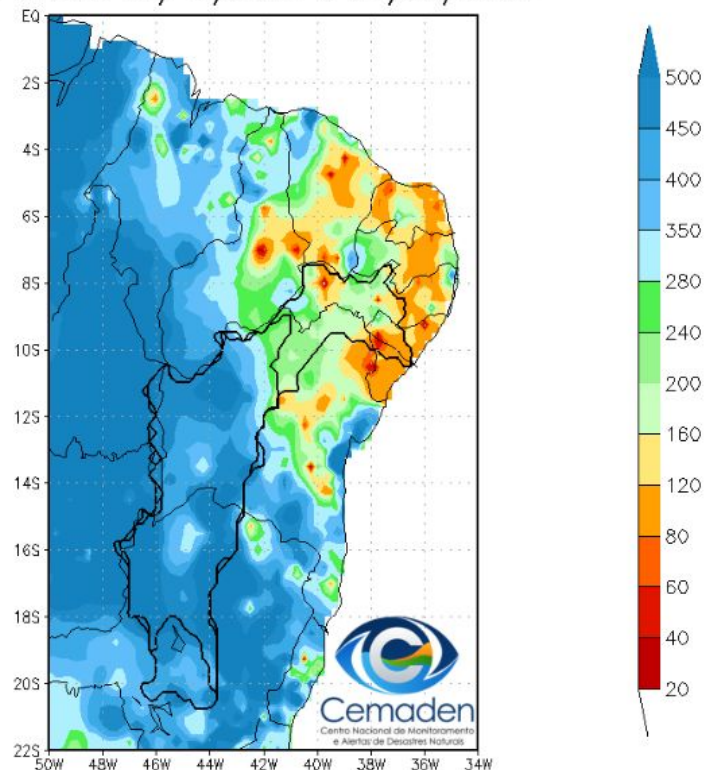


MINISTÉRIO DA
CIÊNCIA, TECNOLOGIA
E INOVAÇÃO

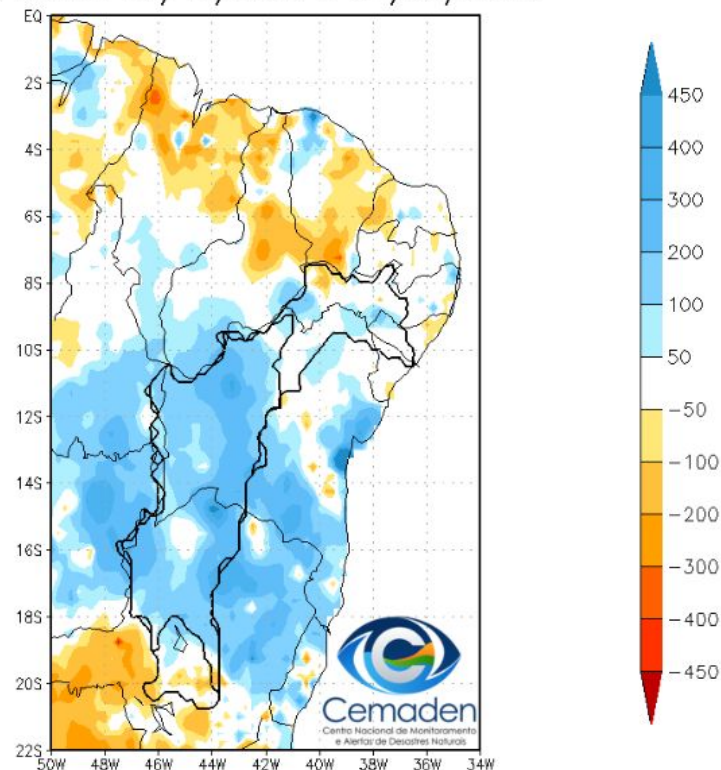


Chuva dos últimos 60 dias

Precipitação Acumulada (mm) A.S.
Período: 23/12/2023 a 21/02/2024



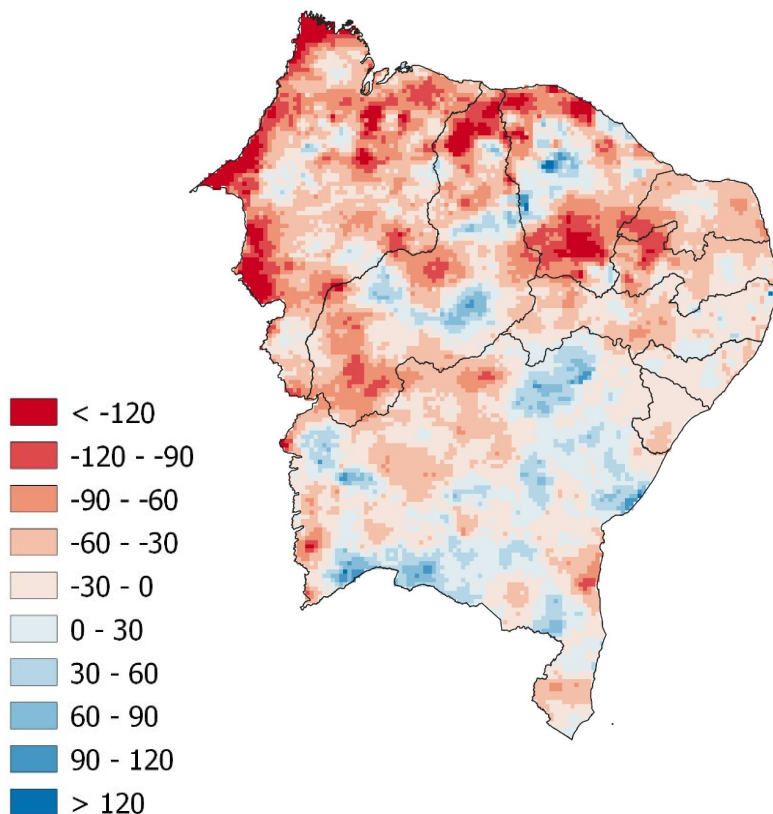
Anomalia de Precipitação (mm) A.S.
Período: 23/12/2023 a 21/02/2024



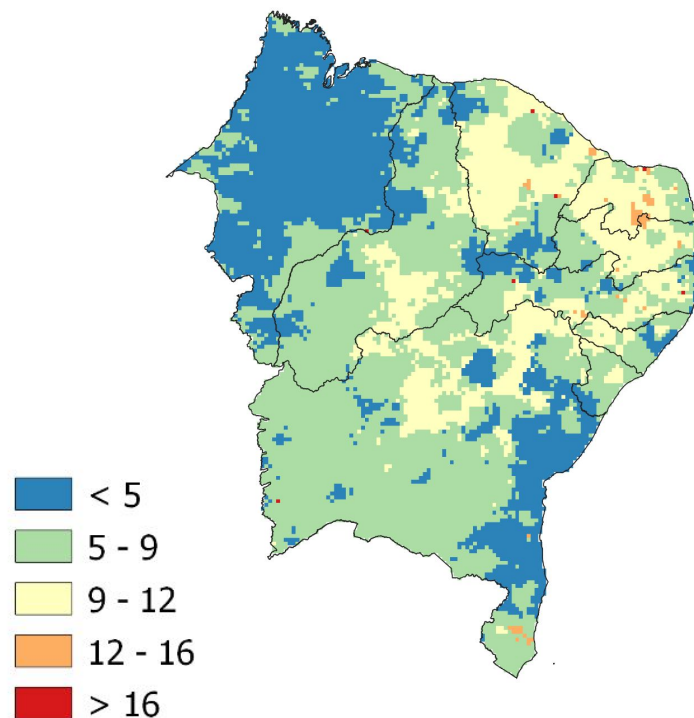
Fonte dos dados: INPE

PRECIPITAÇÃO: FEVEREIRO 2024 (ATÉ 20/02)

Anomalia (mm)

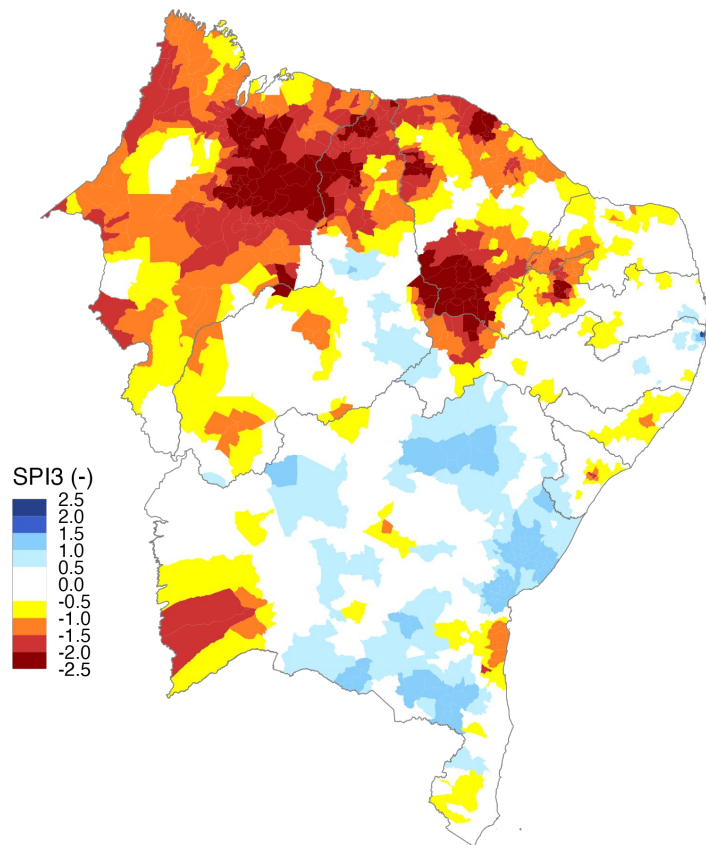


Máximo de dias consecutivos sem chuva



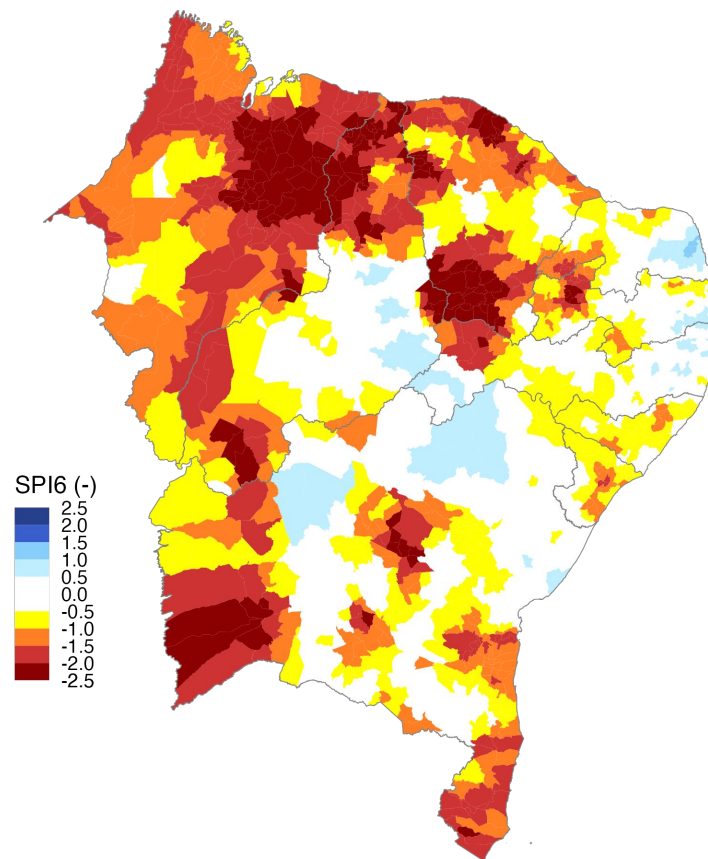
SPI's

SPI 03



Fevereiro 2024
Índice Padronizado de Precipitação (SPI, 3 meses)
Dados: CPTEC/INPE / Preparação: Cemaden/MCTI

SPI 06

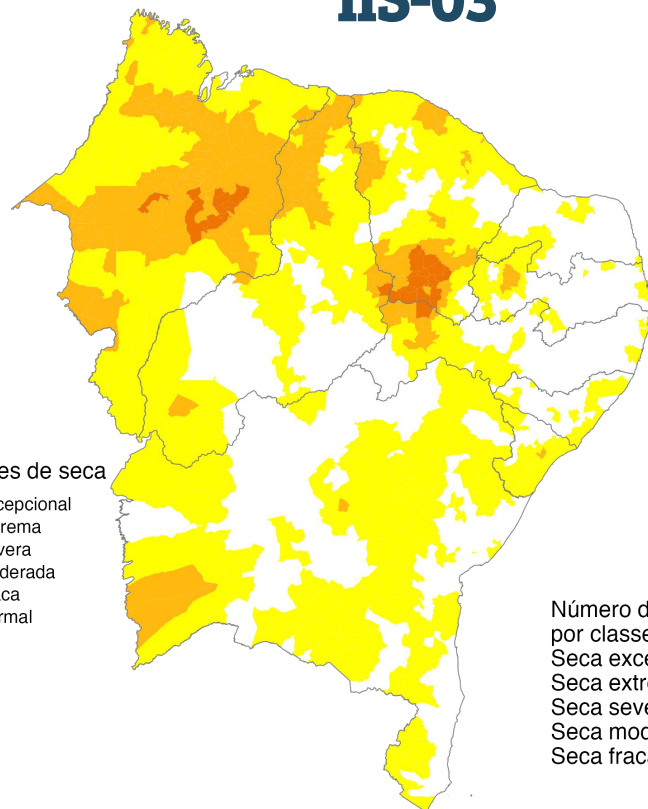


Fevereiro 2024
Índice Padronizado de Precipitação (SPI, 6 meses)
Dados: CPTEC/INPE / Preparação: Cemaden/MCTI

Fonte: Precipitação observada (MERGE).

ÍNDICE INTEGRADO DE SECA - IIS (SPI + VHI + AUS): FEVEREIRO/2024 (PARCIAL)

IIS-03

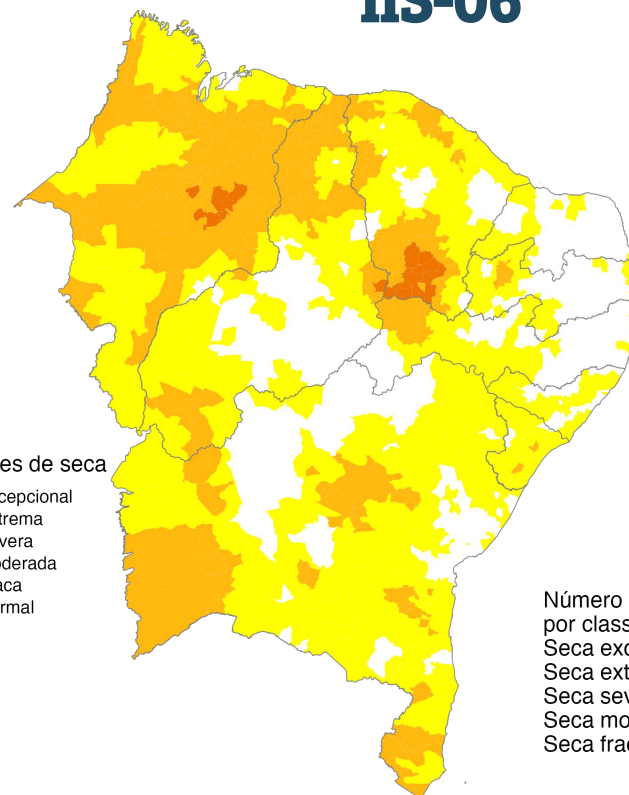


Classes de seca

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

Número de cidades
por classes de seca
Seca excepcional 0
Seca extrema 0
Seca severa 27
Seca moderada 201
Seca fraca 787

IIS-06

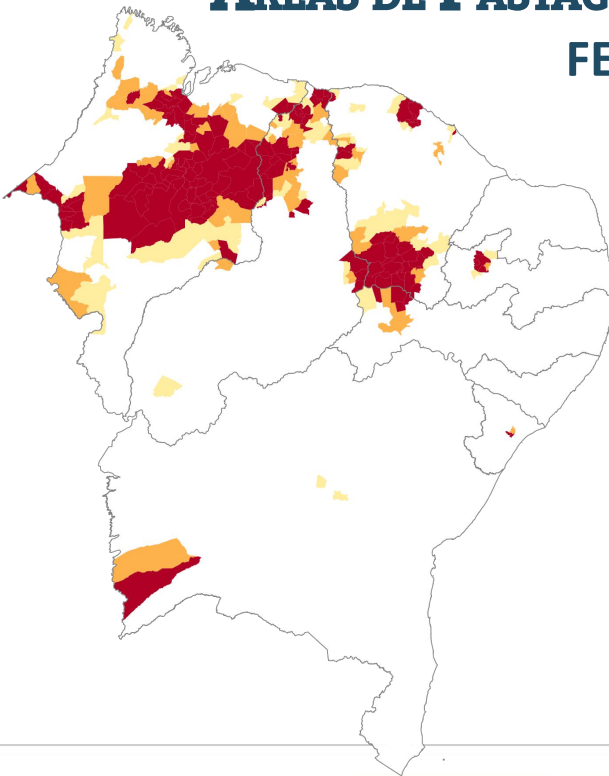


Classes de seca

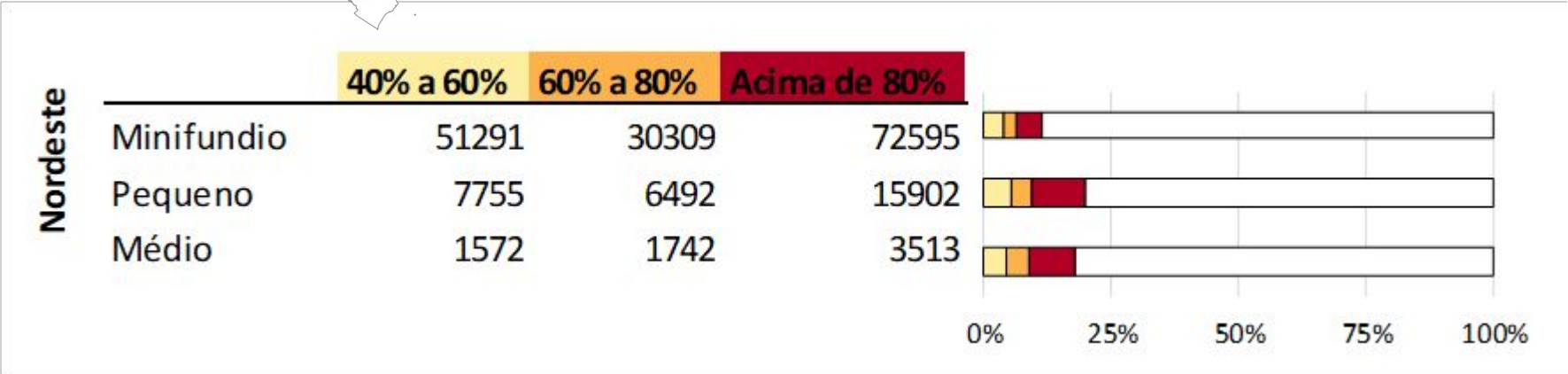
- Excepcional
- Extrema
- Severa
- Moderada
- Fraca
- Normal

Número de cidades
por classes de seca
Seca excepcional 0
Seca extrema 0
Seca severa 25
Seca moderada 318
Seca fraca 844

ÁREAS DE PASTAGENS E AGRÍCOLAS AFETADAS PELA SECA
FEVEREIRO/2024 (PARCIAL)



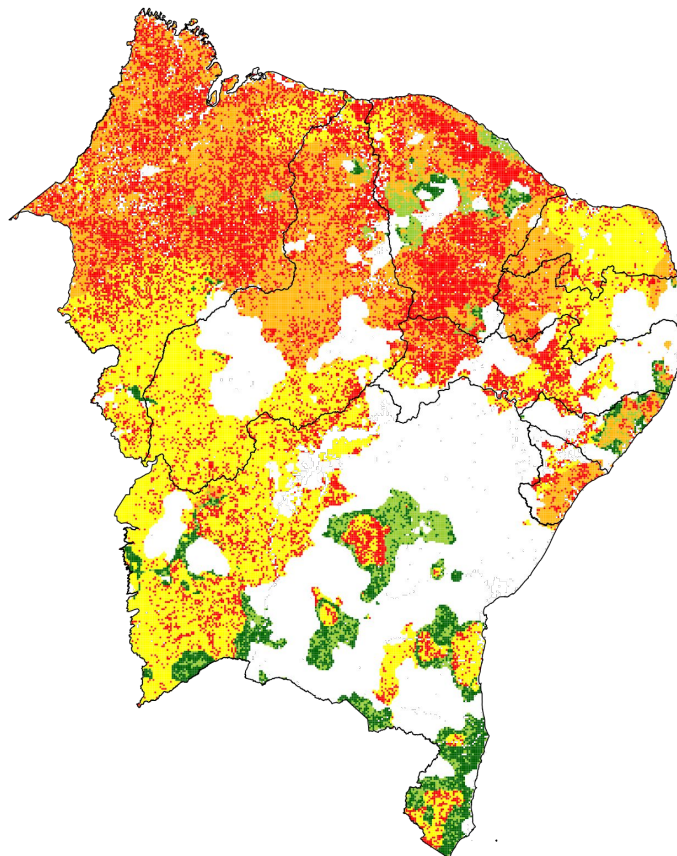
NE	UF	40 a 60%	60 - 80%	> 80%
	BA	6	2	1
	CE	51	20	32
	MA	69	42	74
	PB	9	2	4
	PE	6	4	4
	PI	39	26	25
	SE		2	2



Fonte: Estimativa a partir dos dados do Cadastro Ambiental Rural para minifúndios, pequenas e médias propriedades e IIS-3, Desenvolvimento e Processamento (CEMADEN).

PROGRESSÃO DAS CONDIÇÕES DE SECA (PCS)

Propagação Incremental das Condições de Seca (PICS)
Fevereiro 2024



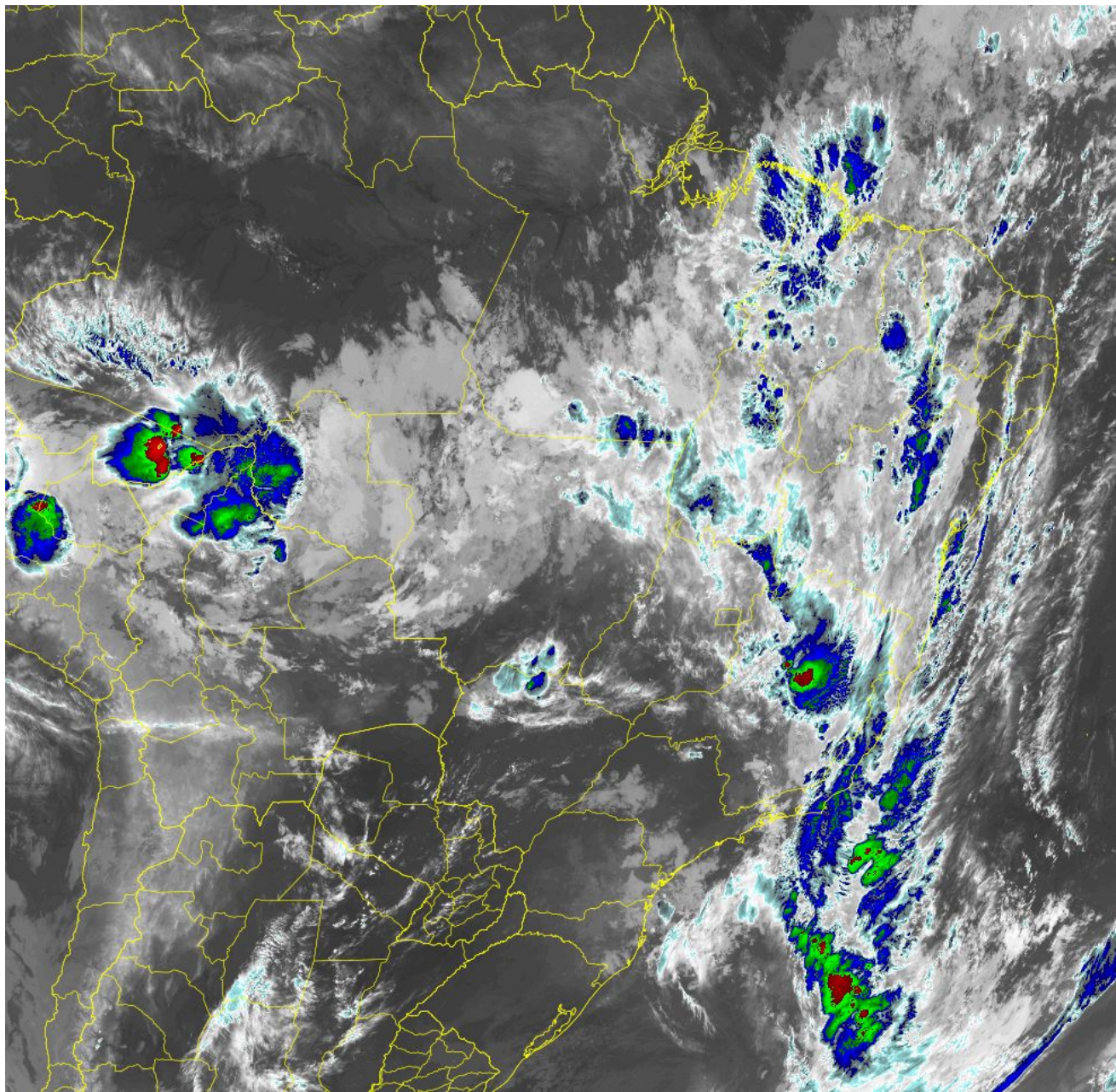
Condição da seca

Condição normal
Observação - chuva abaixo da média (SPI ↓)

Atenção - déficit de chuva e umidade do solo (SPI ↓ & US ↓)
Alerta - chuva abaixo da média e stress vegetativo (SPI ↓ & VHI ↓)

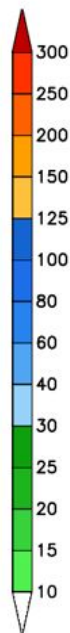
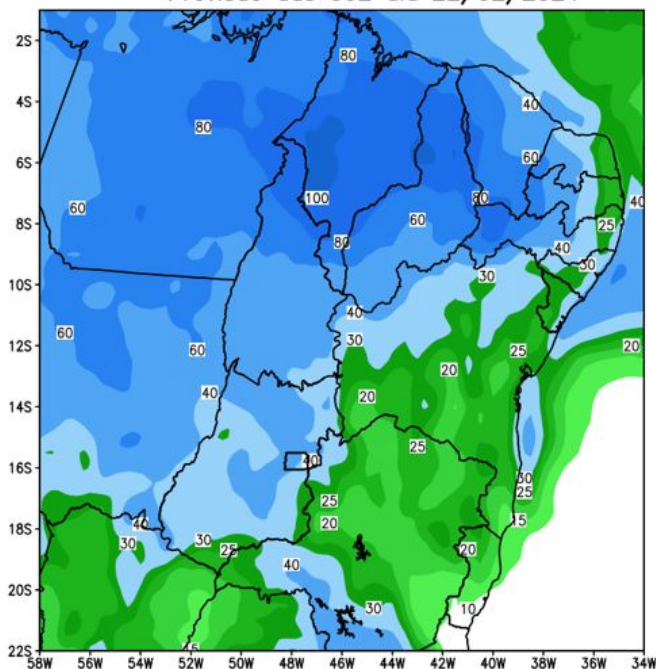
Stress vegetativo & tendência de melhora na chuva (VHI ↓ & SPI ↑↑)
Em recuperação (SPI ↑↑)

Situação meteorológica atual

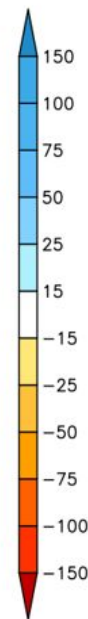
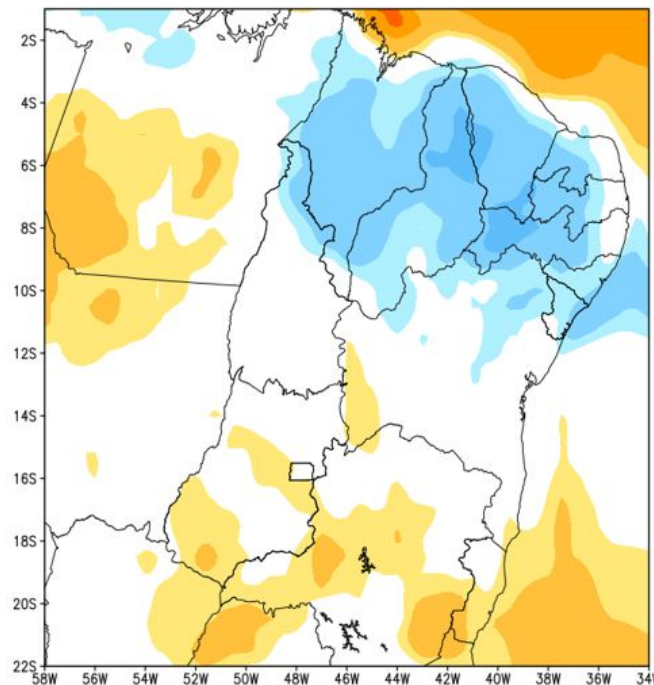


Previsão de chuva os próximos 7 dias

GEFS / BRASIL_NE
Precipitacao acumulada 1aSem (mm)
Previsao das 00Z dia 22/02/2024



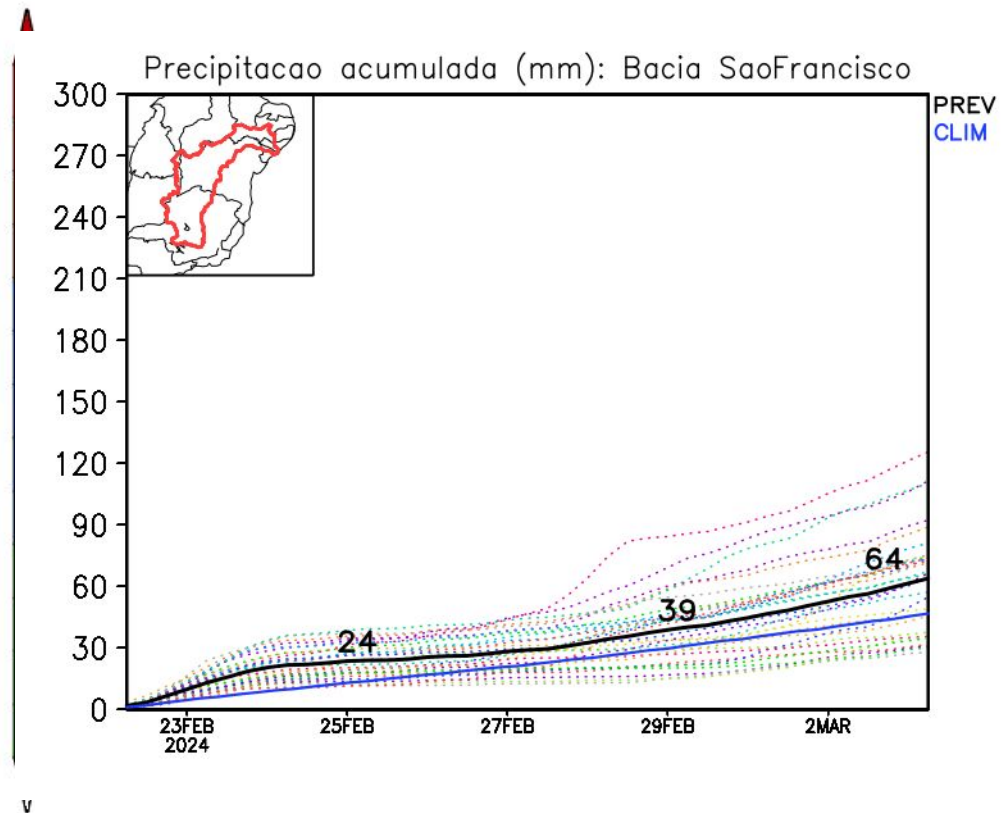
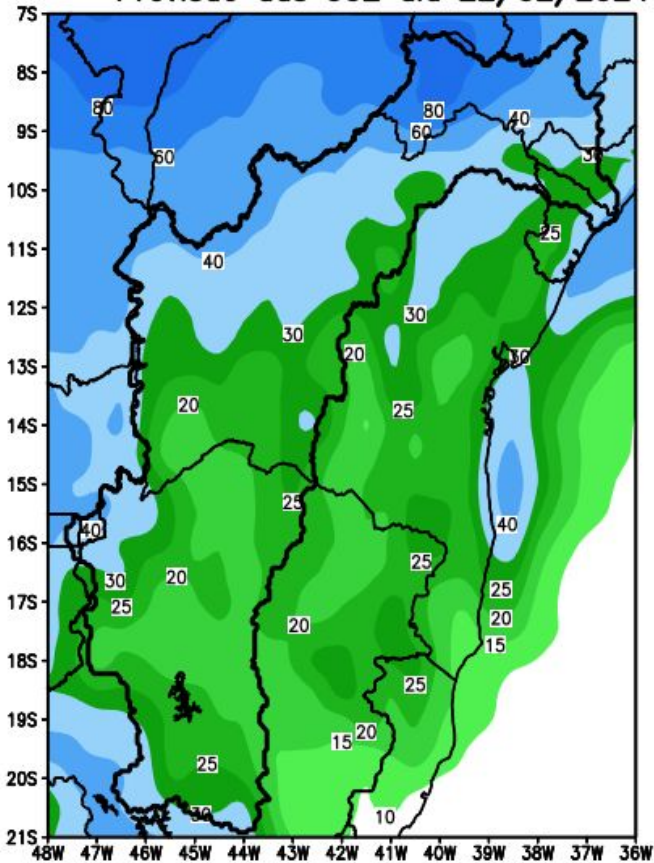
Anomalia de Precipitacao BR_NE (mm)
Periodo: 2024022200 a 2024022900



Fonte: GEFS/NOAA

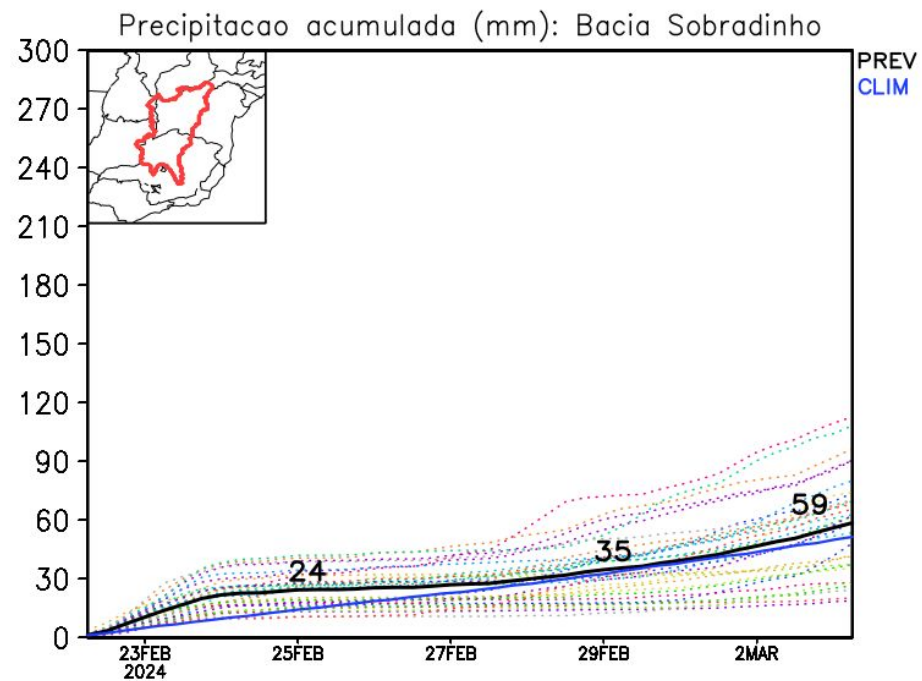
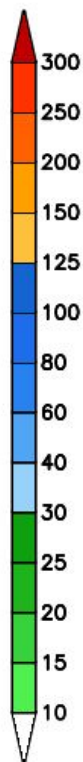
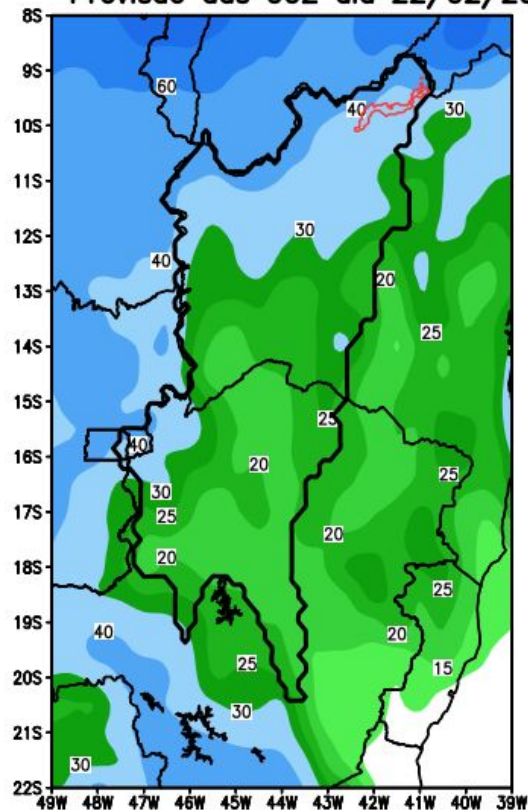
Bacia do rio São Francisco

GEFS / Bacia do Rio Sao Francisco
Precipitacao acumulada em 7 dias (mm)
Previsao das 00Z dia 22/02/2024



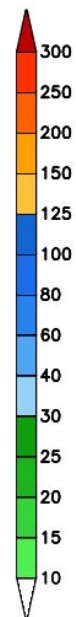
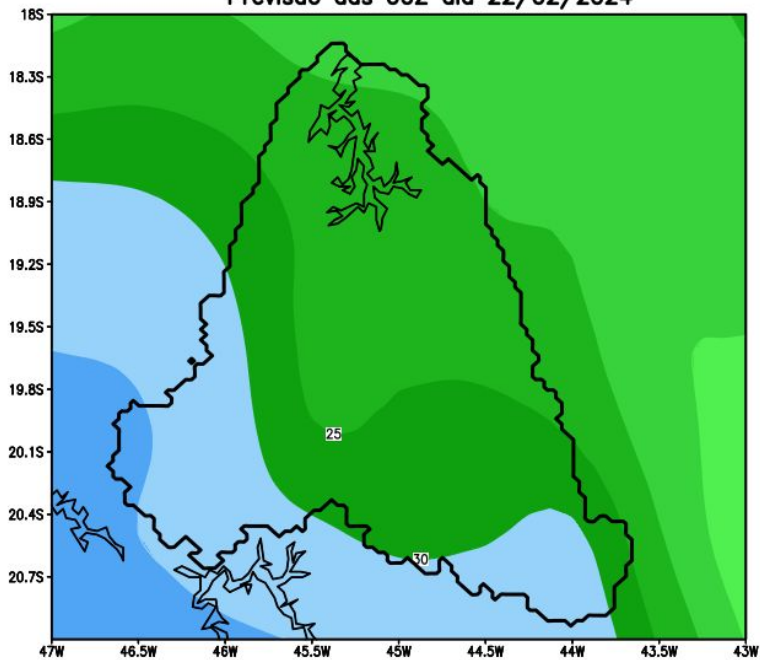
Bacia de Sobradinho

GEFS / Sobradinho
Precipitacao acumulada em 7 dias (mm)
Previsao das 00Z dia 22/02/2024

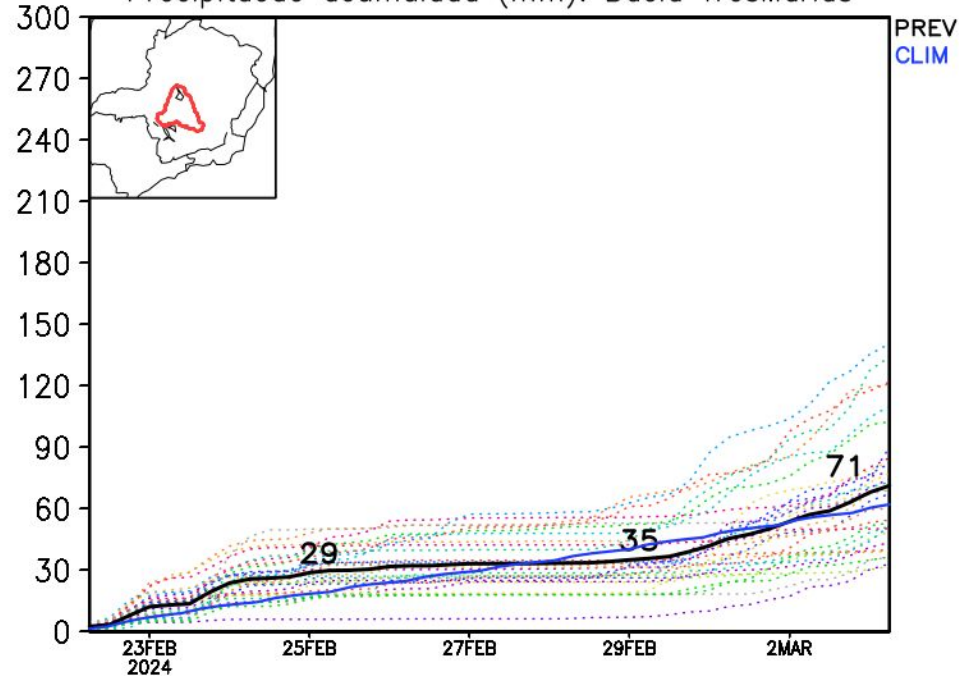


Bacia de Três Marias

GEFS / Tres Marias
Precipitacao acumulada em 7 dias (mm)
Previsao das 00Z dia 22/02/2024

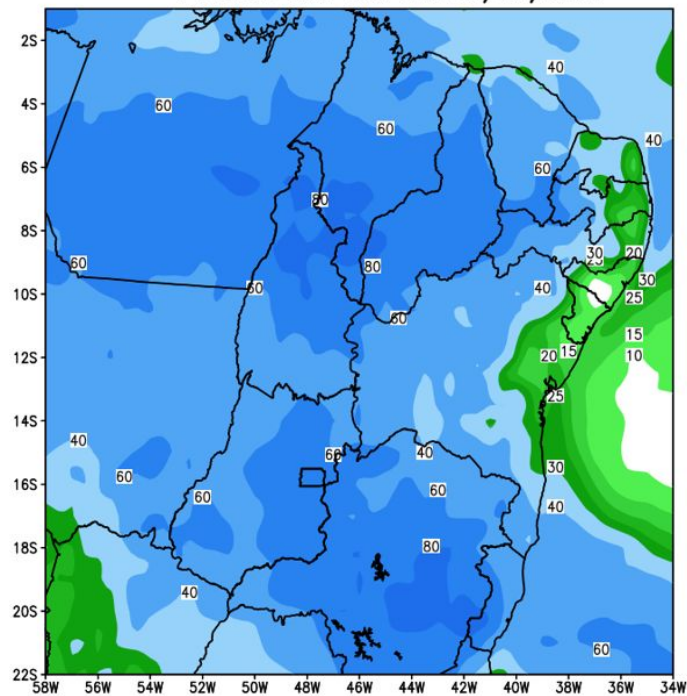


Precipitacao acumulada (mm): Bacia TresMarias

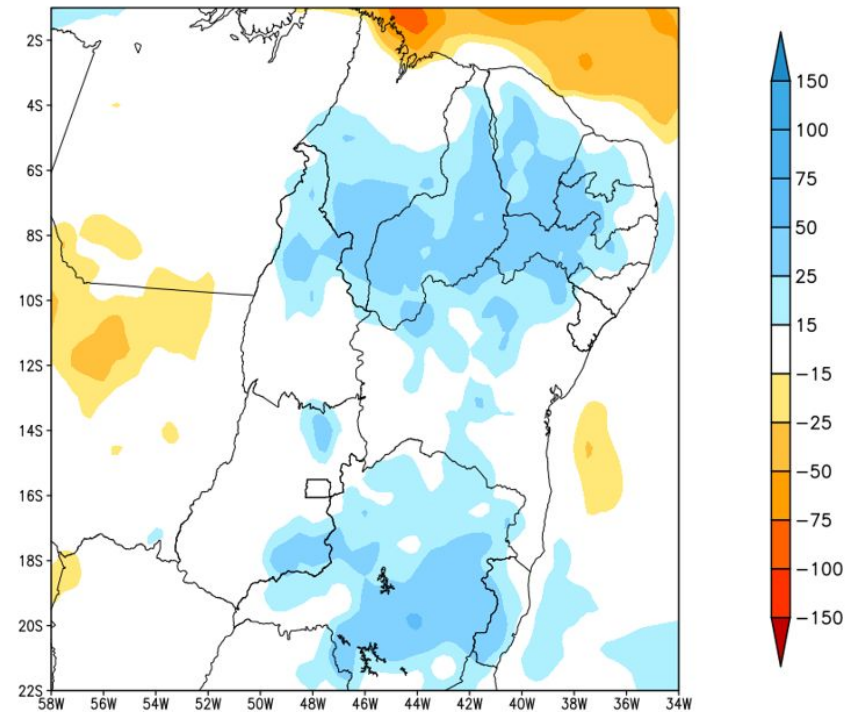


Tendência para a 2a semana

GEFS / BRASIL_NE
Precipitação acumulada 2aSem (mm)
Previsão das 00Z dia 22/02/2024



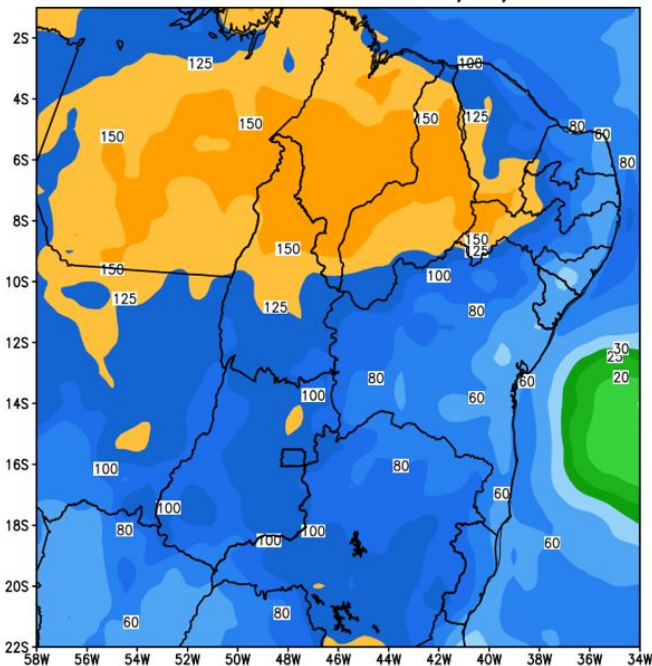
Anomalia de Precipitação BR_NE (mm)
Período: 2024030100 a 2024030700



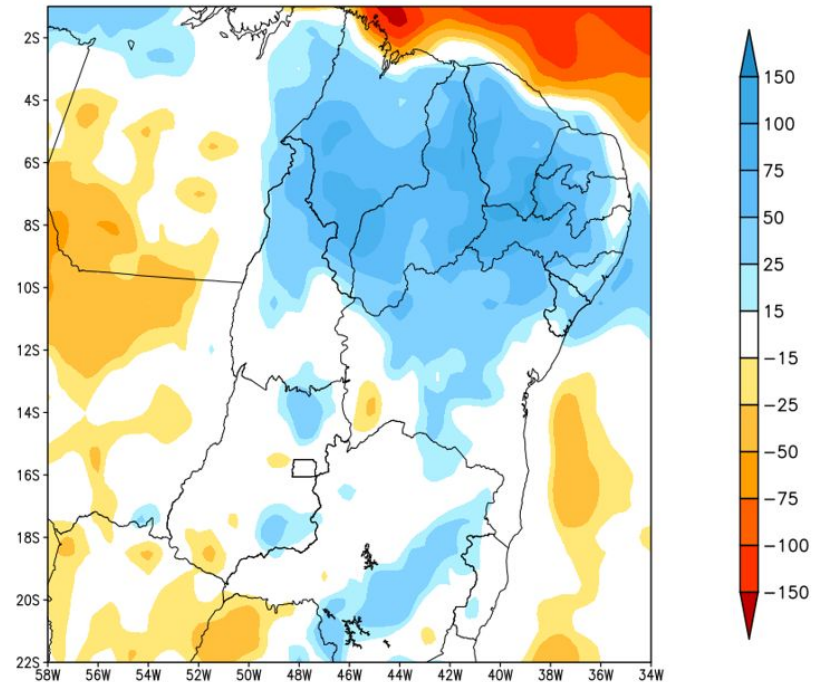
Modelo GFS/NOAA

Tendência para as duas próximas semanas

GEFS / BRASIL_NE
Precipitacao acumulada 14dias (mm)
Previsao das 00Z dia 22/02/2024



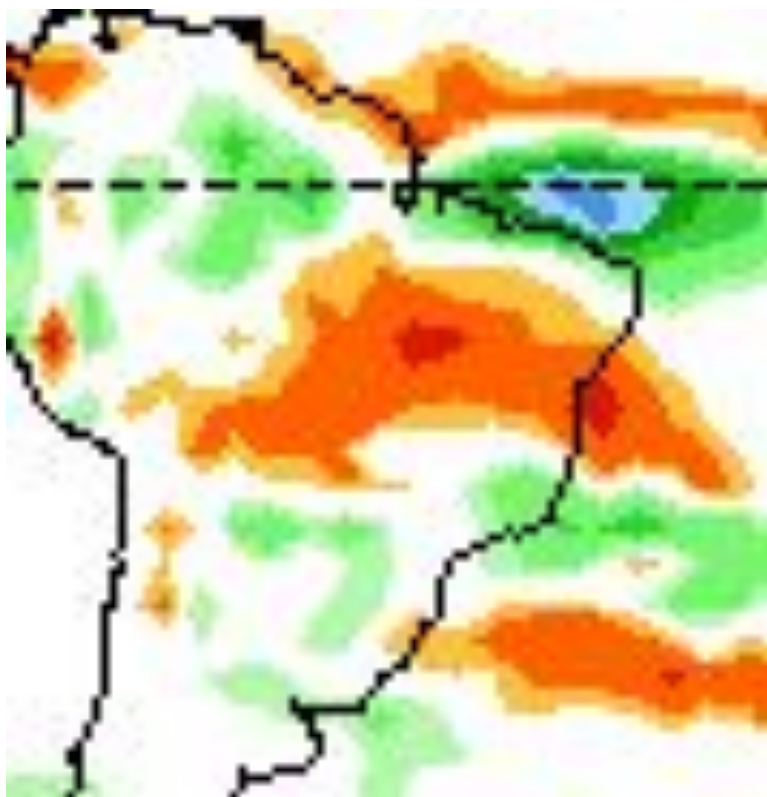
Anomalia de Precipitacao BR_NE (mm)
Periodo: 2024022200 a 2024030700



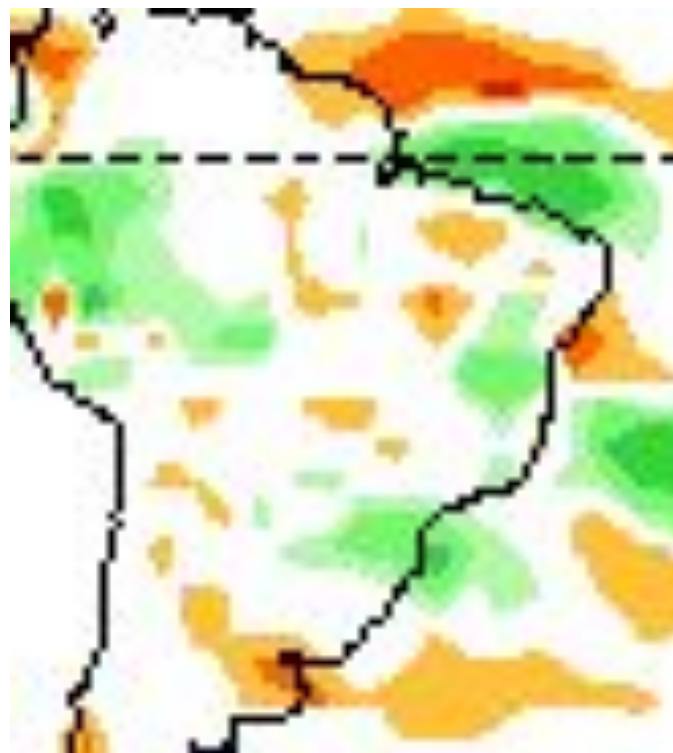
Modelo GFS/NOAA

Tendência 3a e 4a semanas

07-13 MARÇO

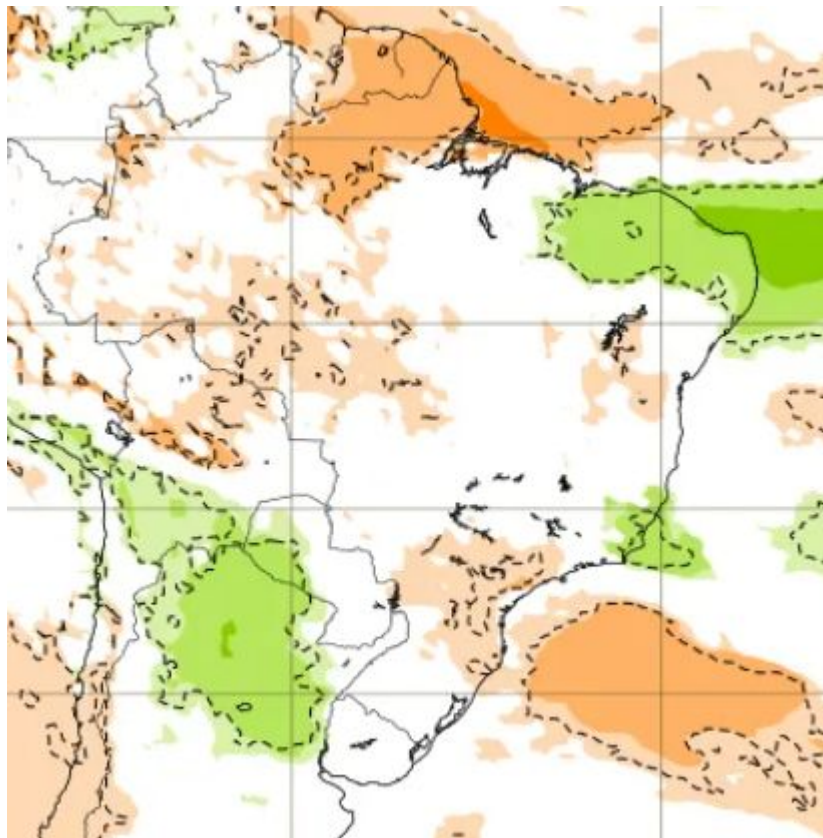


14-20 MARÇO

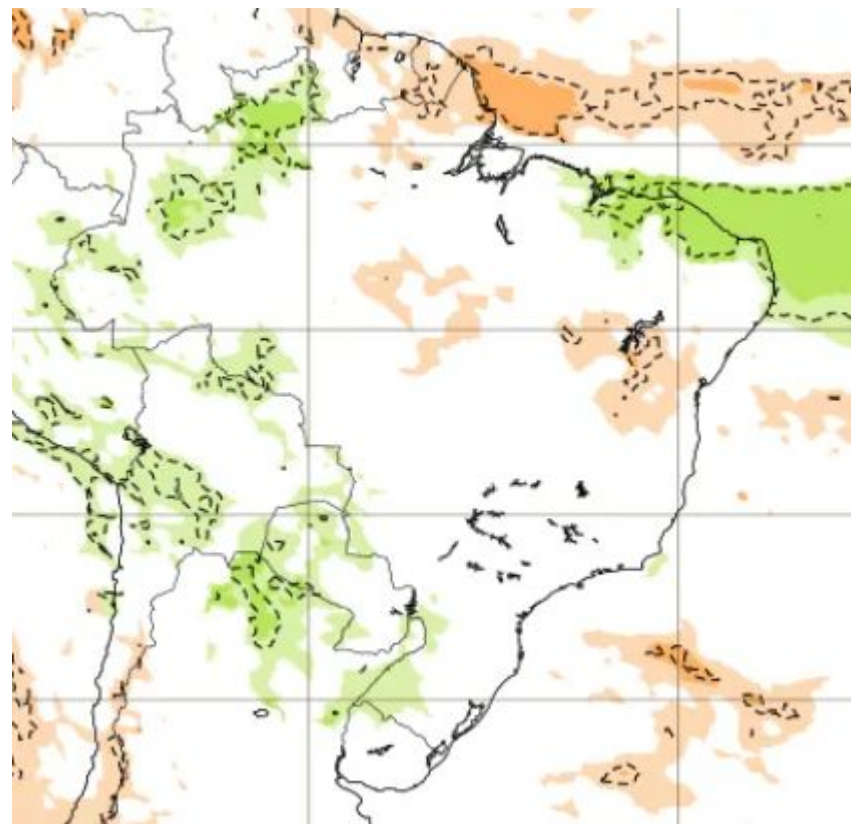


Tendência para 3ª e 4ª semanas

04-10 MARÇO

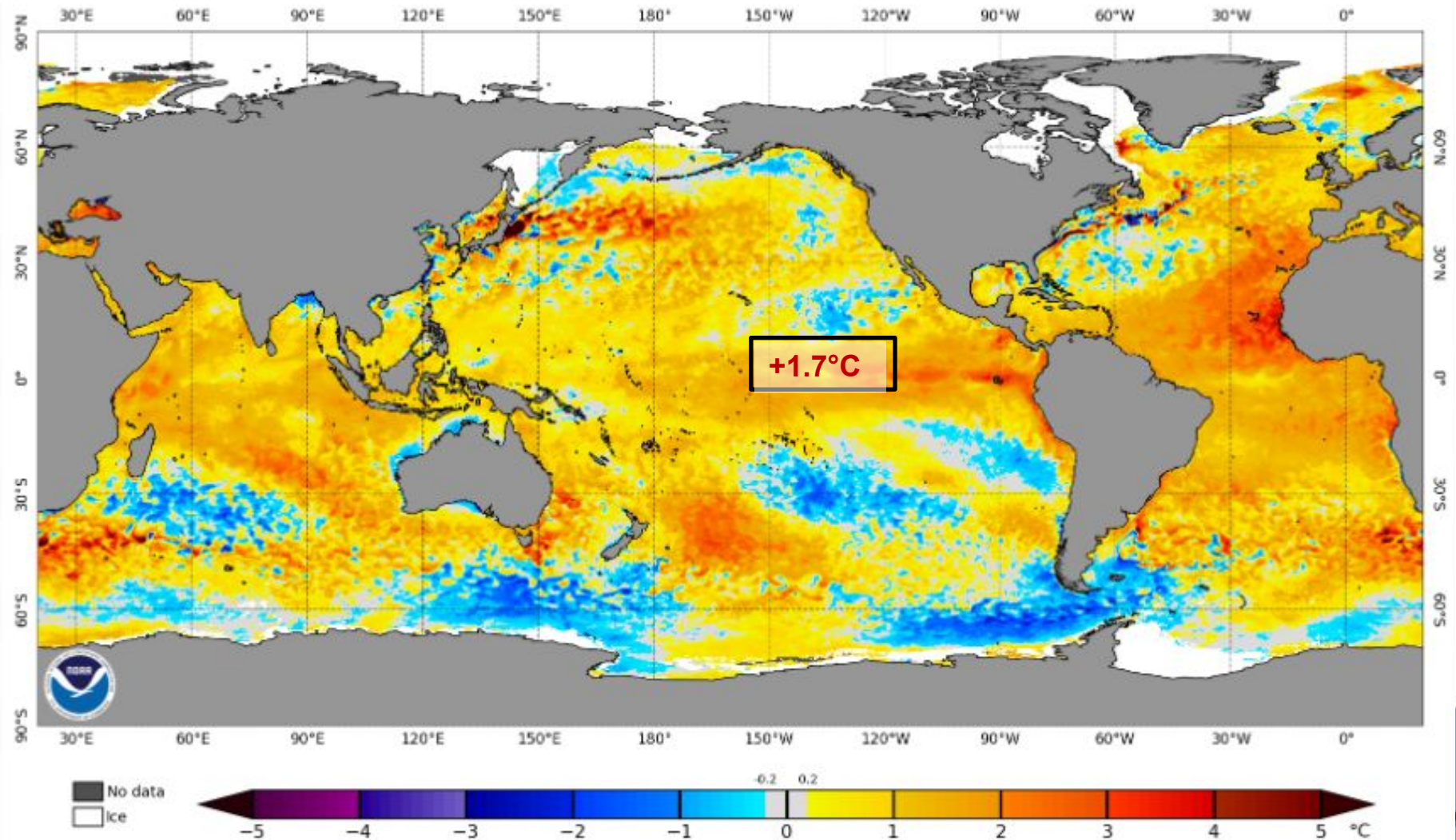


11-17 MARÇO

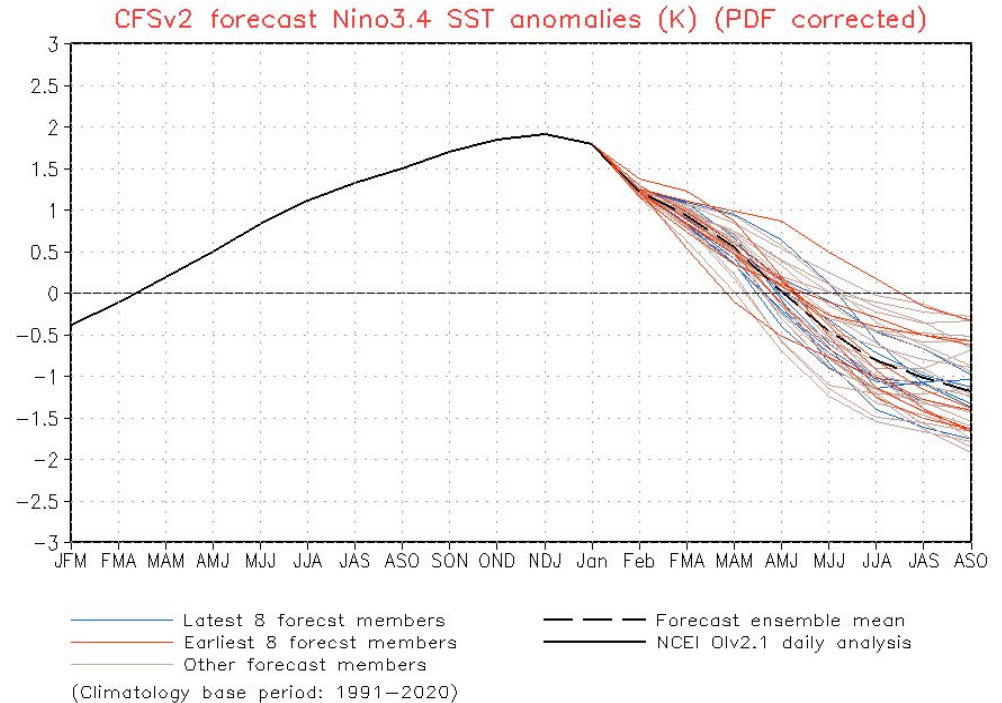
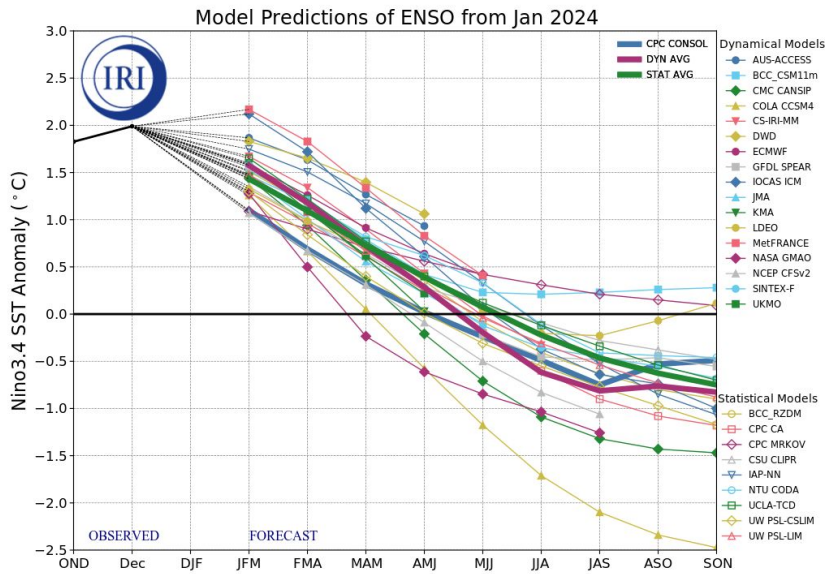


Status Atual: **El Niño**

NOAA Coral Reef Watch Daily 5km SST Anomalies (v3.1) 13 Feb 2024



Previsão do “ENSO”

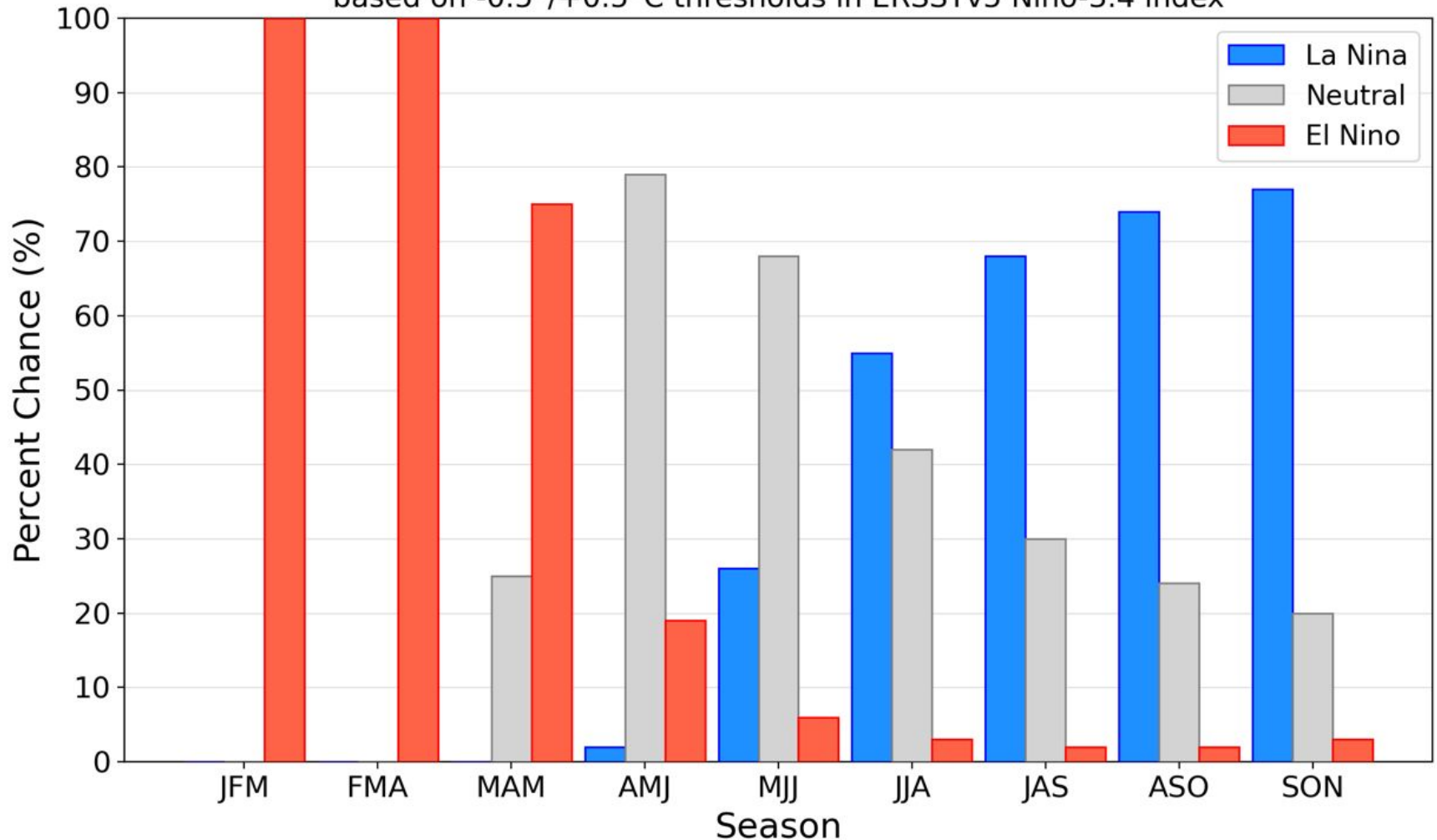


Atualizado 11 de fevereiro

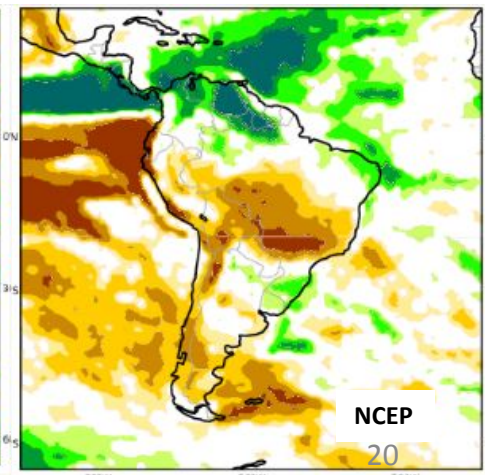
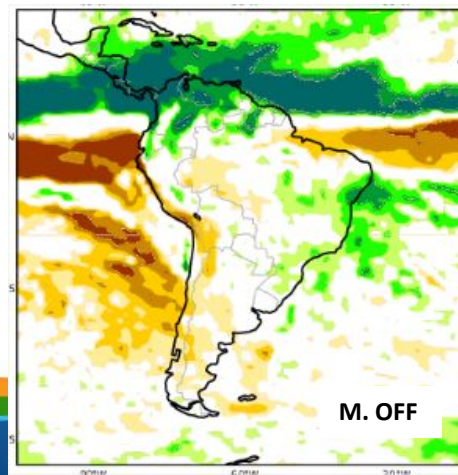
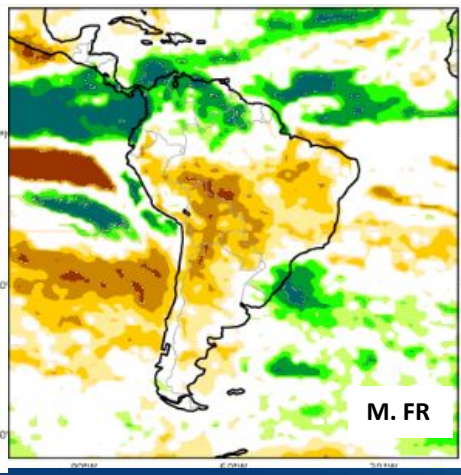
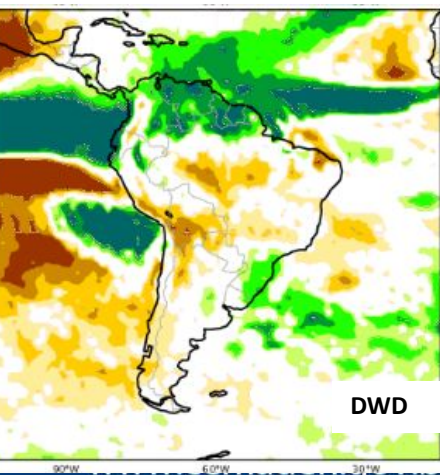
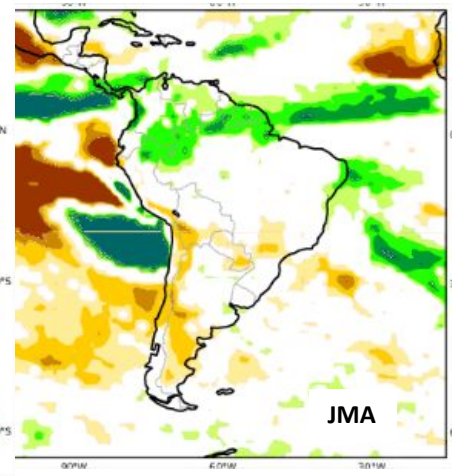
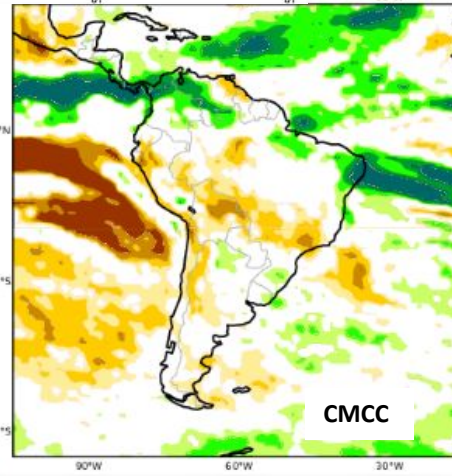
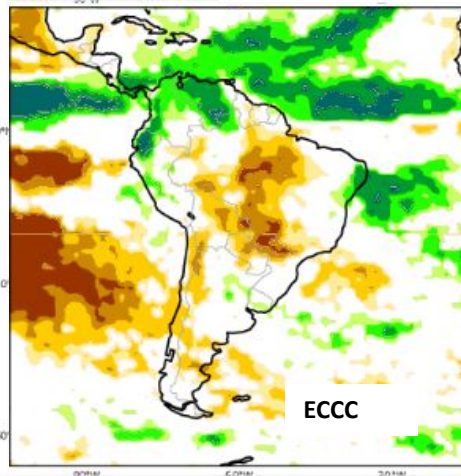
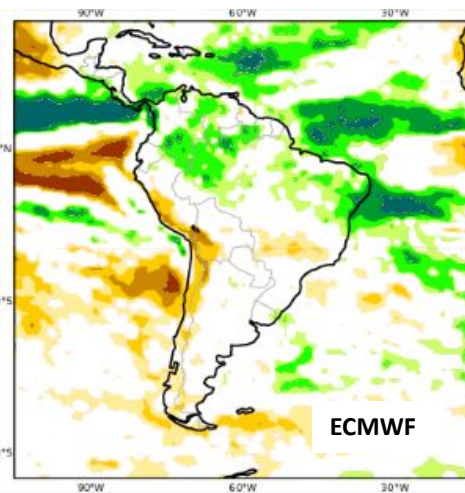
Previsão do “ENSO”

Official NOAA CPC ENSO Probabilities (issued Feb. 2024)

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

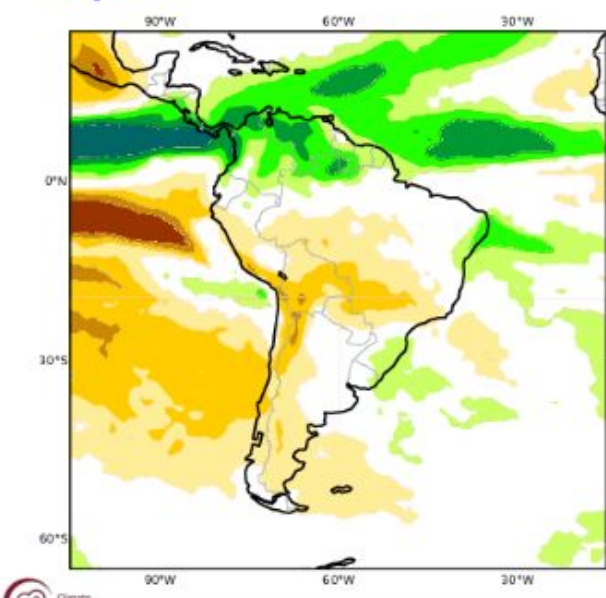


Previsão Sazonal de Chuva MAM

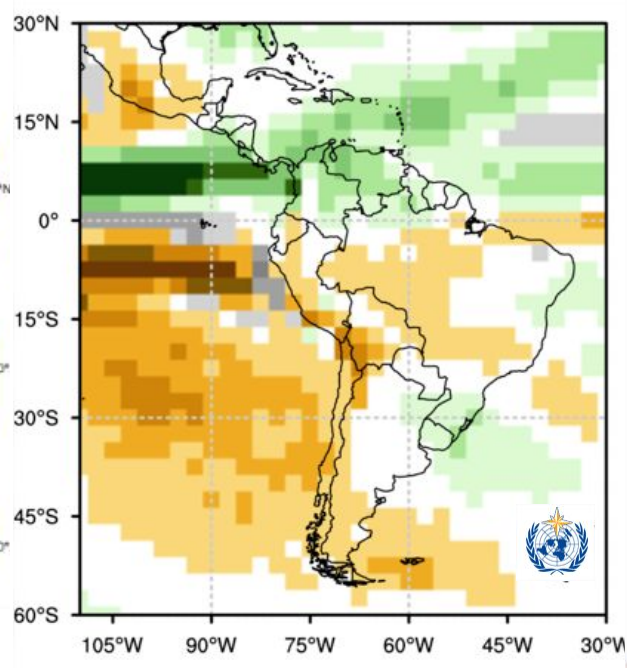


Previsão Sazonal de Chuva Multi-Modelo para MAM

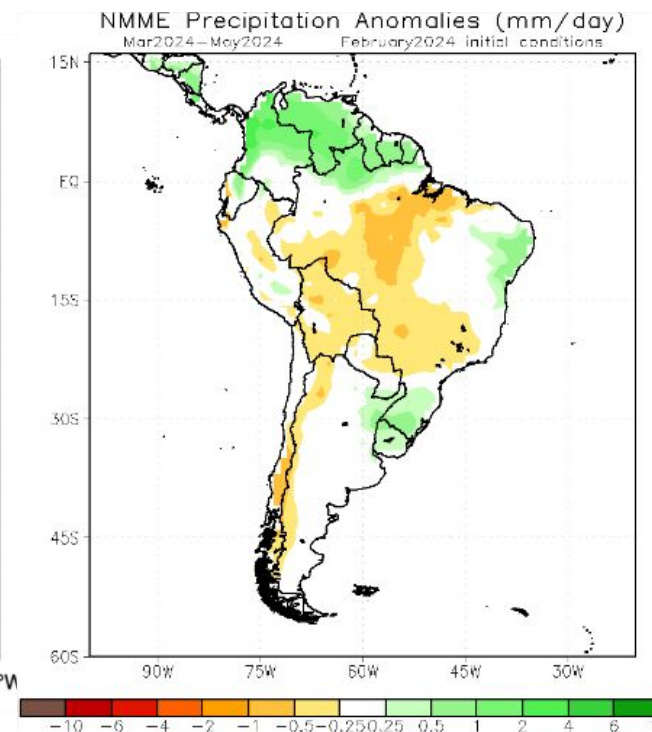
C3S multi-system seasonal forecast
Prob(most likely category of precipitation)
Nominal forecast start: 01/02/24
Unweighted mean



Modelos Europeus



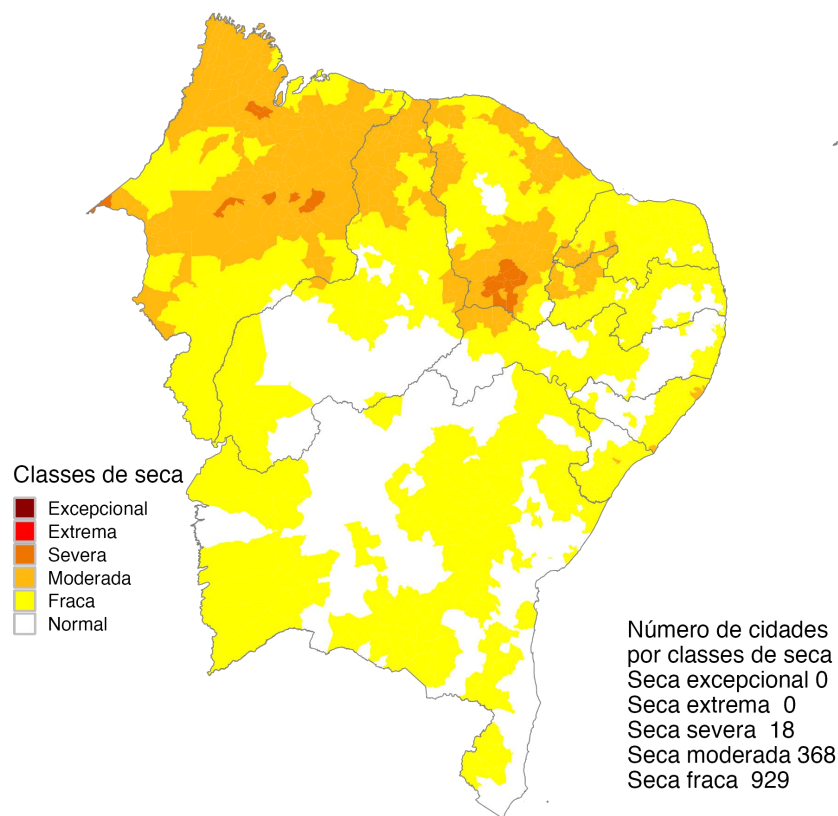
Modelos da Organização
Meteorológica Mundial



Modelos Americanos

CENÁRIOS IIS: MARÇO/2024

30% ABAIXO



30% ACIMA

