

Monitoramento da situação da seca na bacia do rio Paranapanema

JANEIRO/2024

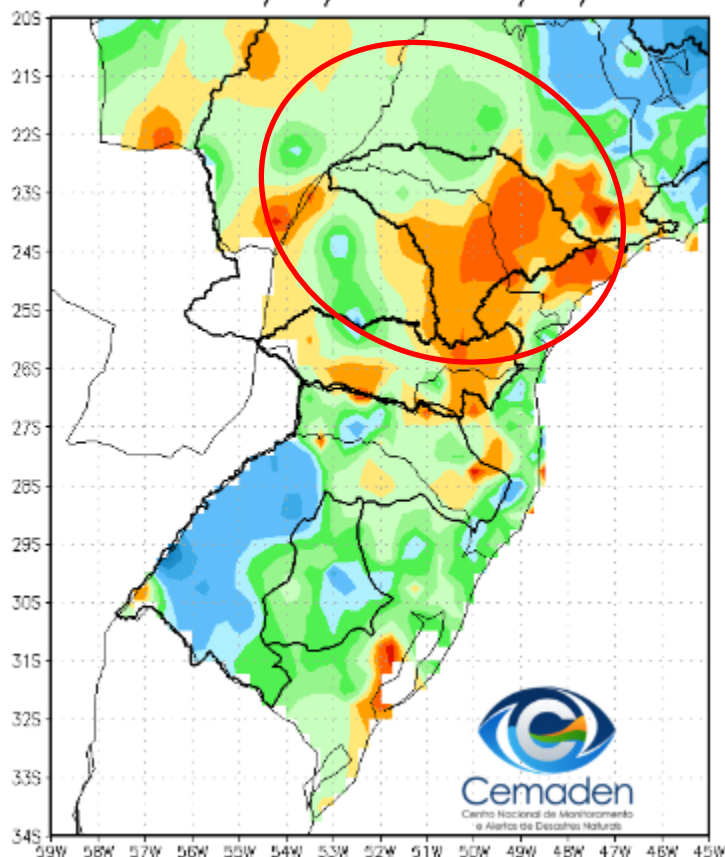


MINISTÉRIO DA
CIÊNCIA, TECNOLOGIA
E INOVAÇÕES

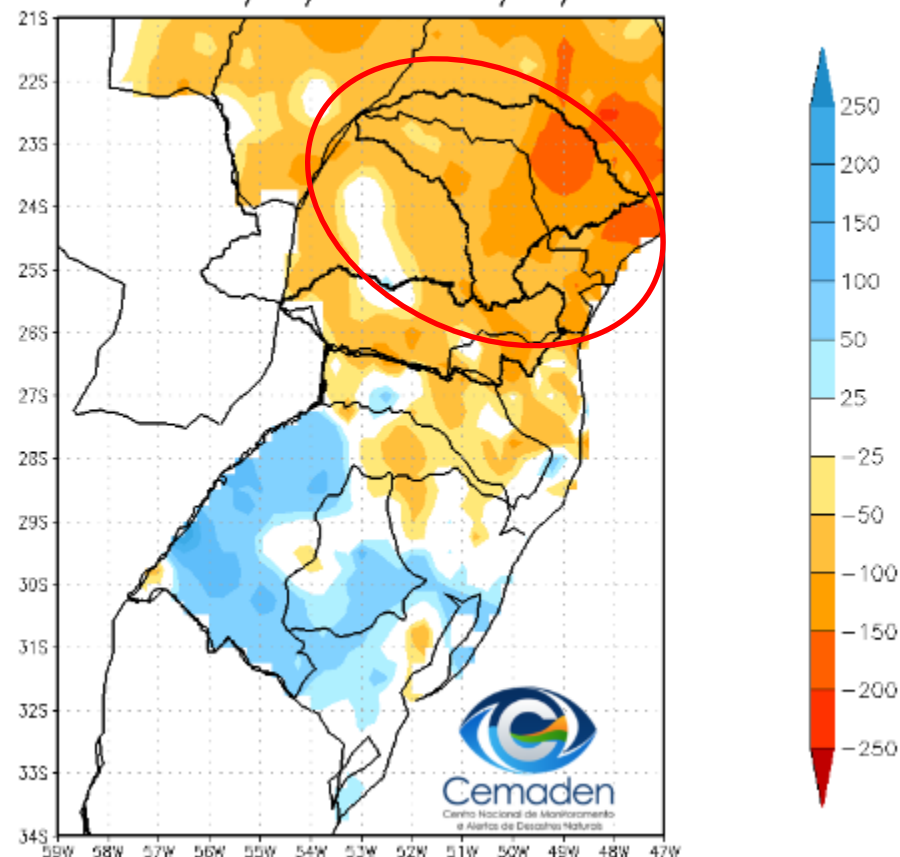


Precipitação acumulada nos últimos 30 dias

Precipitação Acumulada (mm) A.S.
Período: 18/12/2023 a 17/01/2024

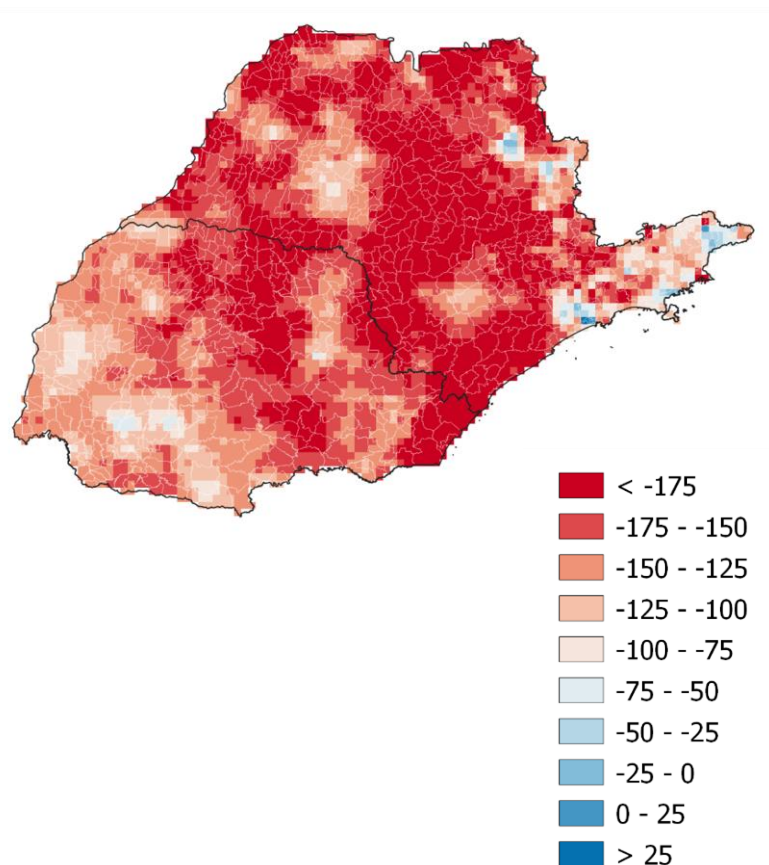


Anomalia de Precipitação (mm) A.S.
Período: 18/12/2023 a 17/01/2024

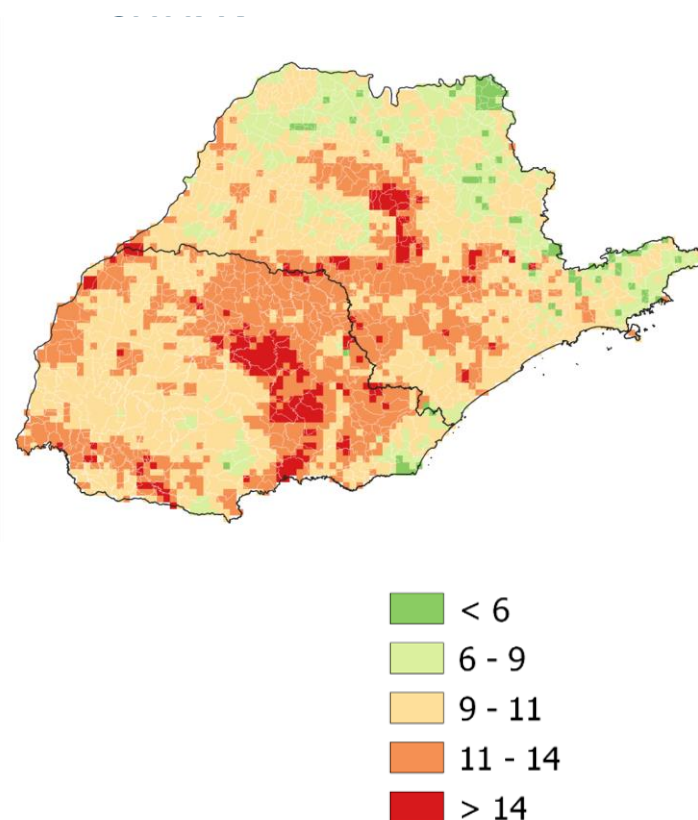


PRECIPITAÇÃO: JANEIRO (ATÉ 16) 2024

ANOMALIA (MM)

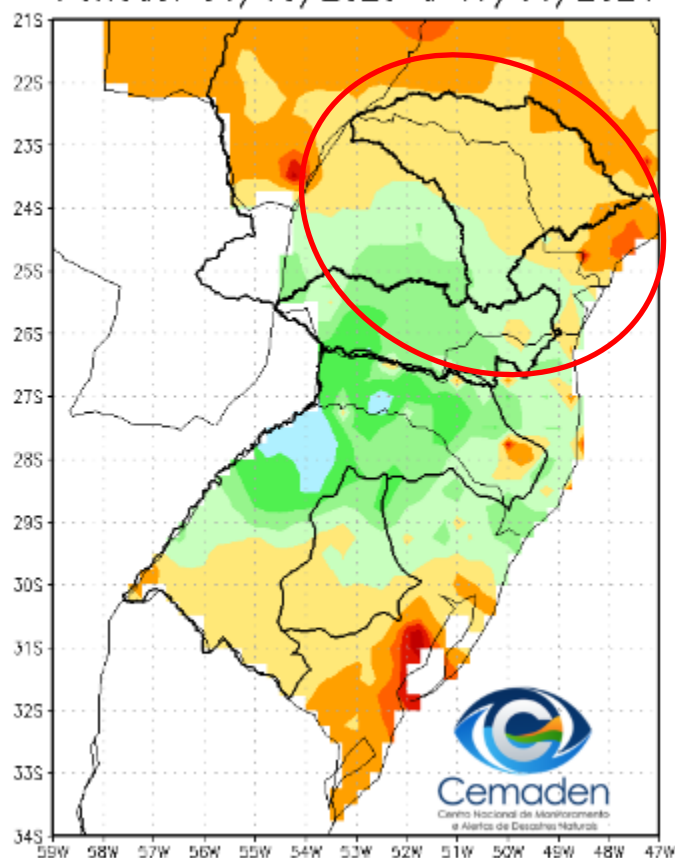


TOTAL DE DIAS SEM

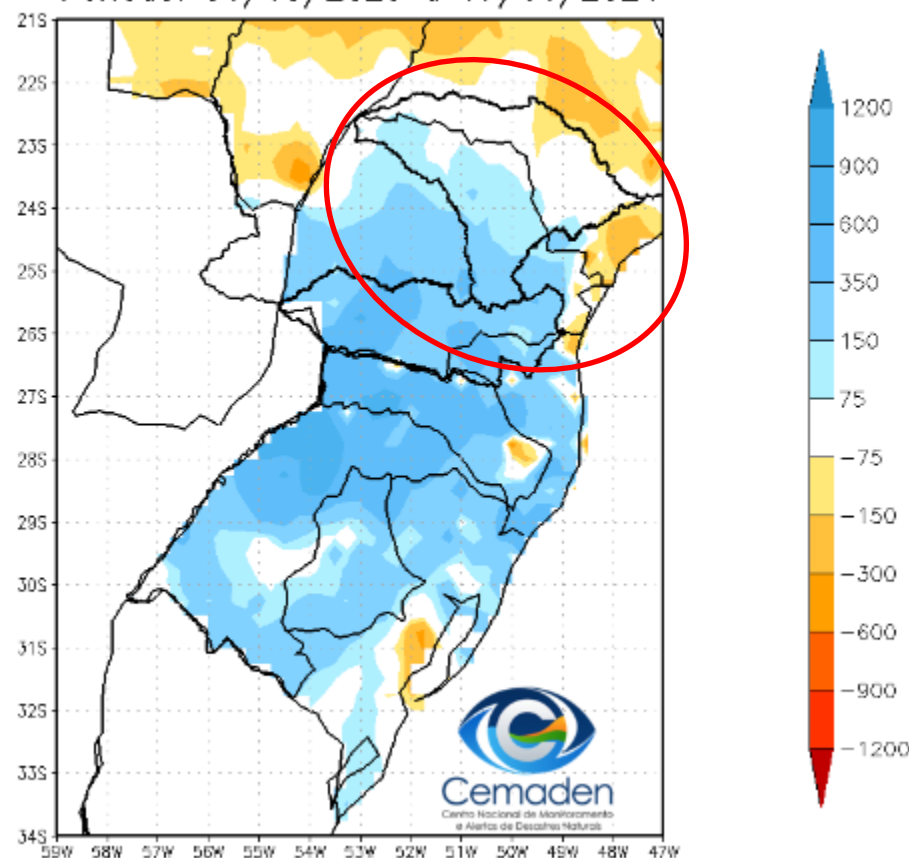


Precipitação acumulada Ano Hidrológico

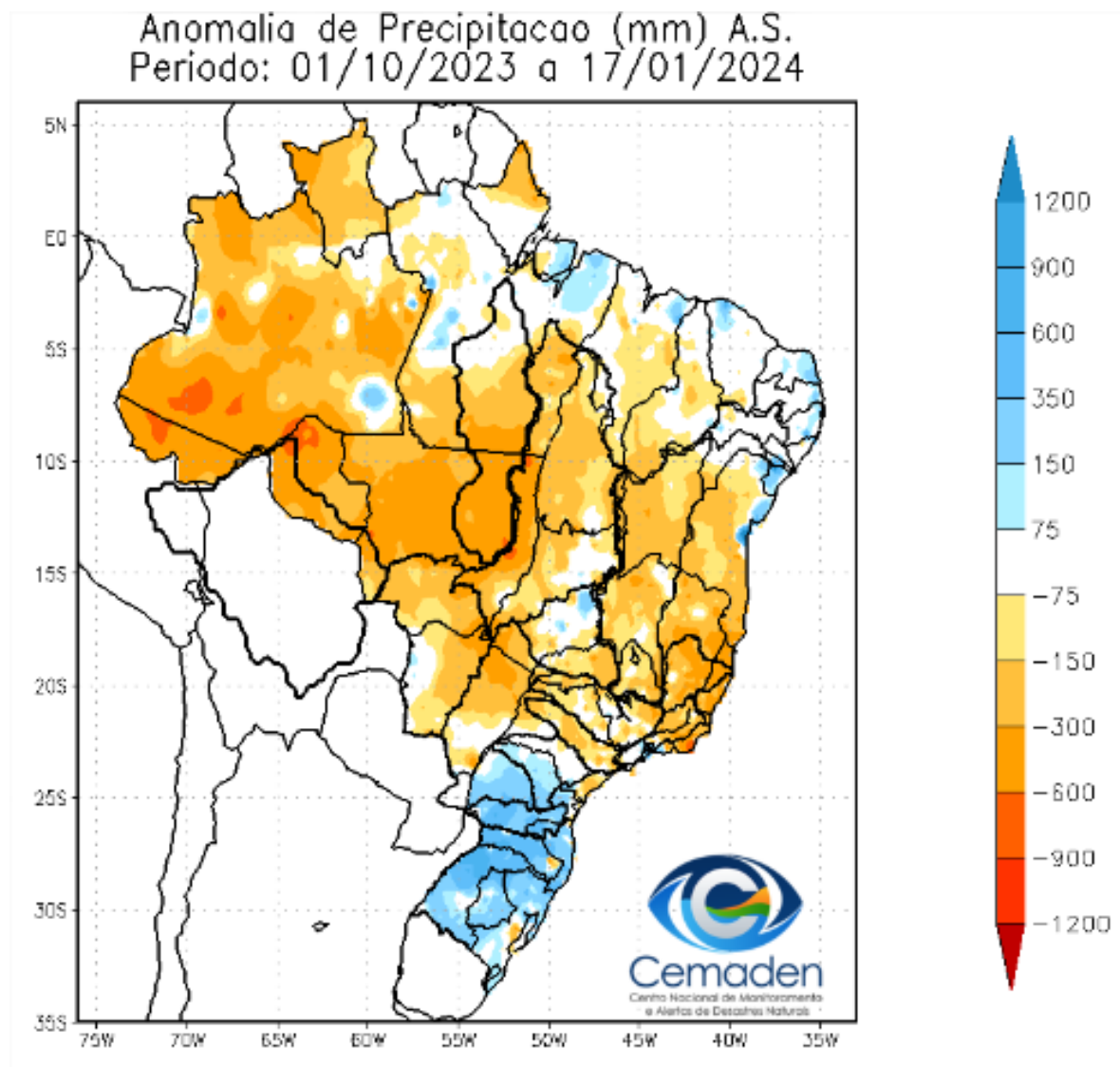
Precipitação Acumulada (mm) A.S.
Período: 01/10/2023 a 17/01/2024



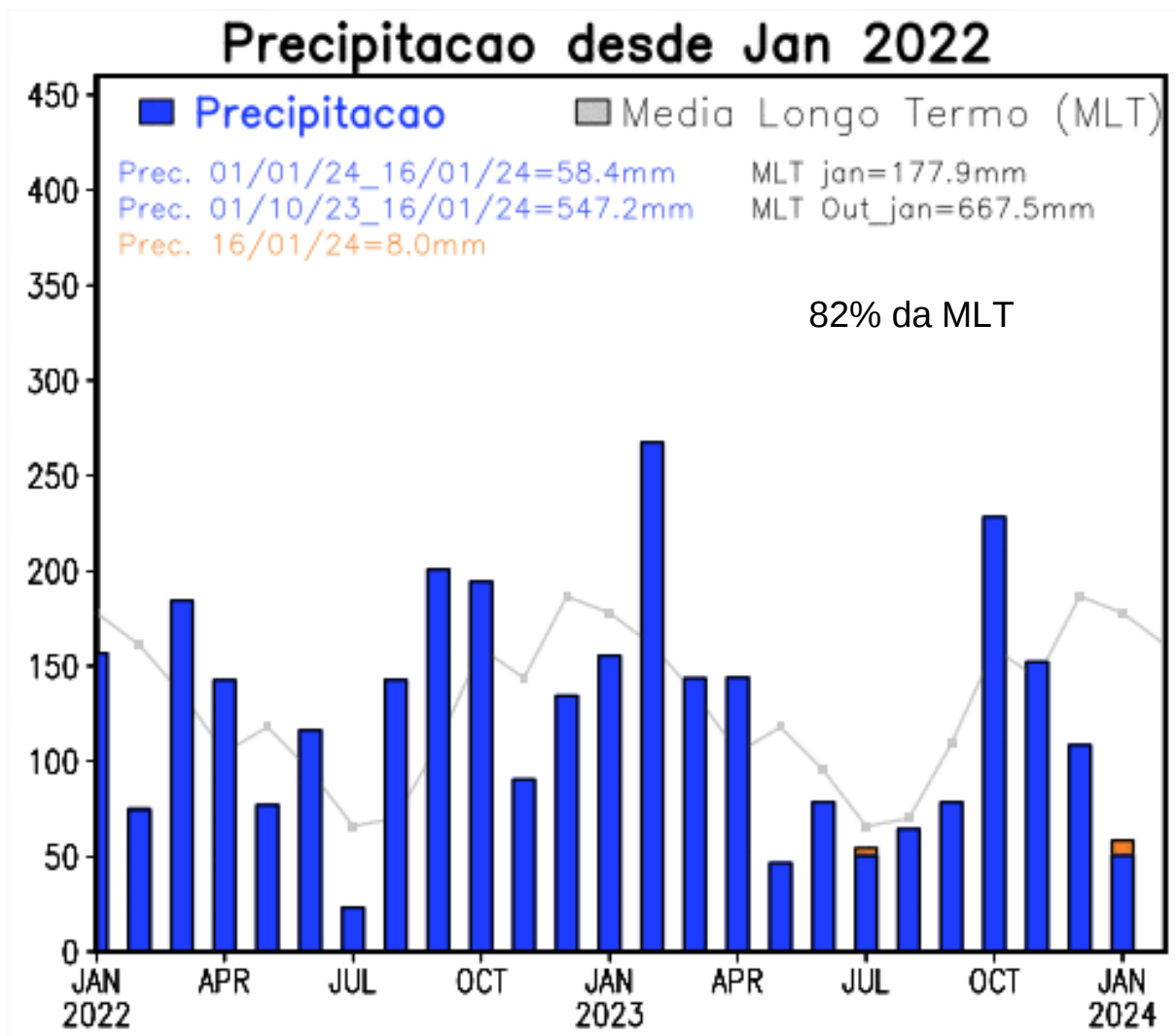
Anomalia de Precipitação (mm) A.S.
Período: 01/10/2023 a 17/01/2024



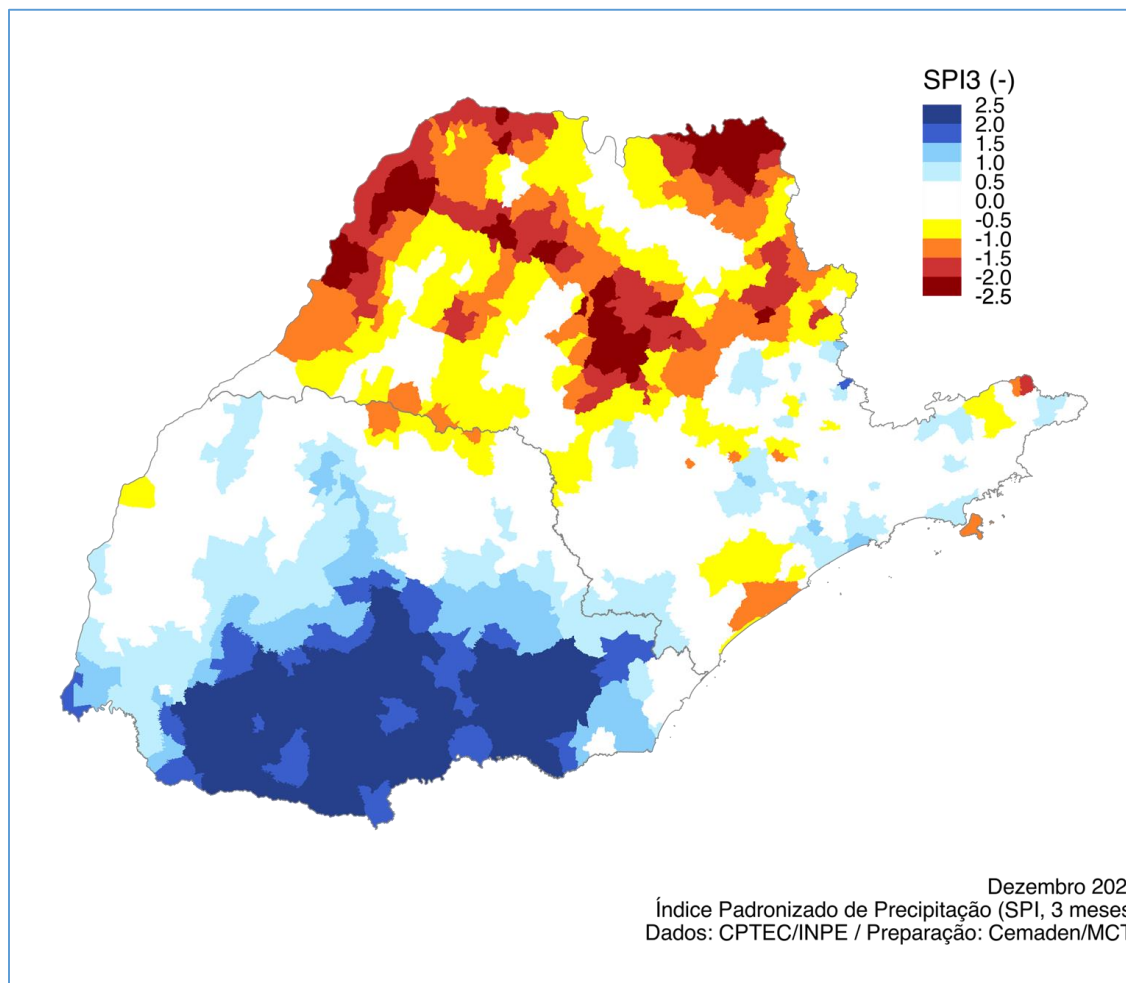
Precipitação acumulada Ano Hidrológico



Evolução temporal da precipitação



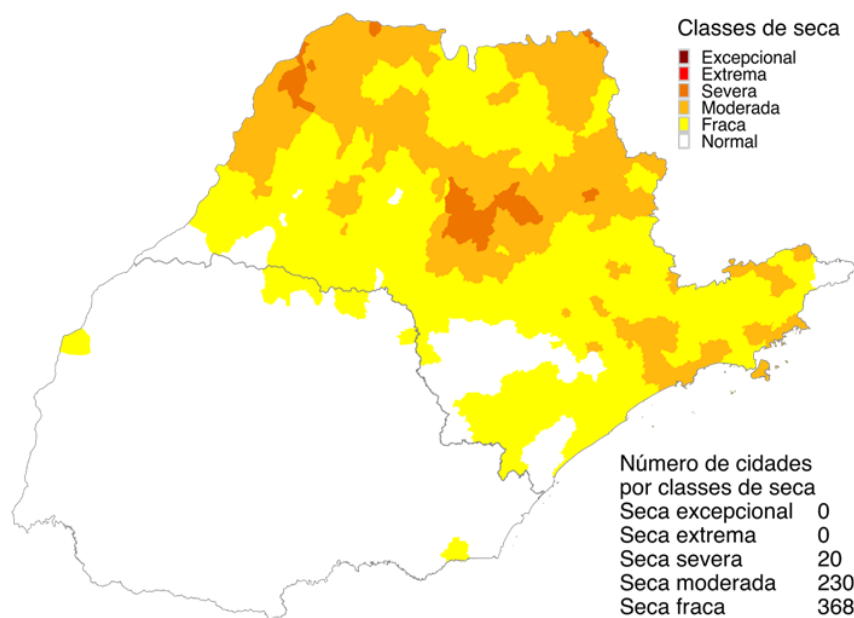
SPI-03 OBSERVADO (DEZEMBRO)



ÍNDICE INTEGRADO DE SECA - IIS

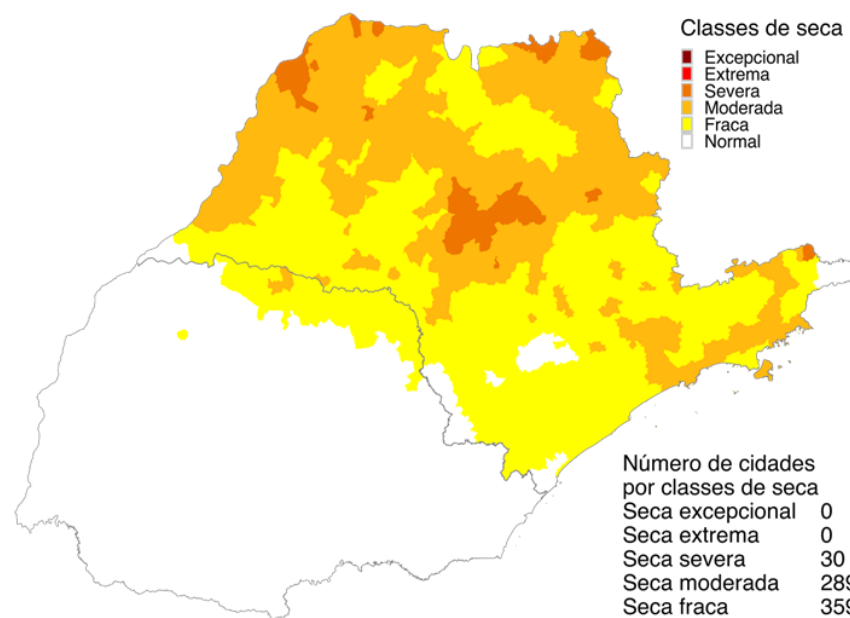
(SPI3 E 6 + VHI + AUS): JANEIRO/2024

IIS 3 MESES



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

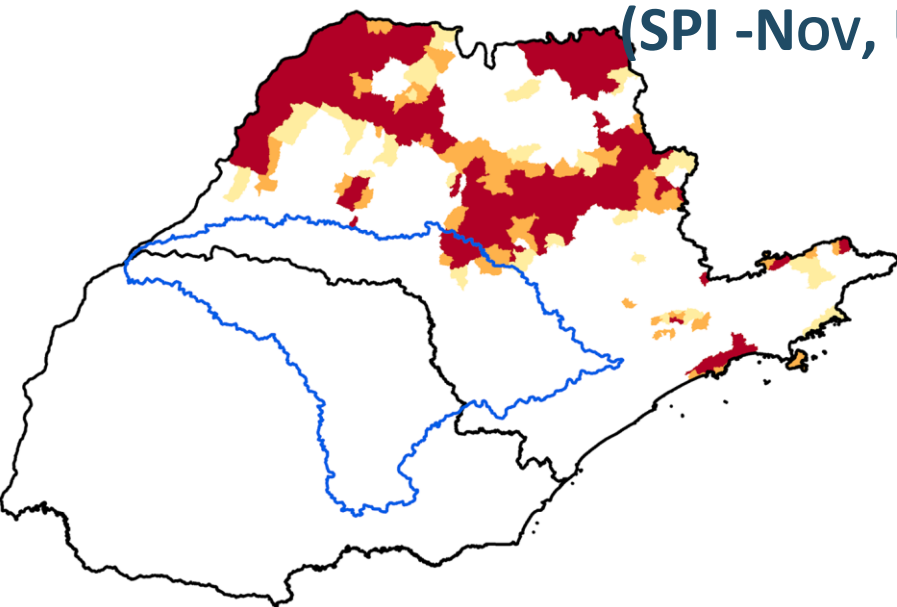
IIS 6 MESES



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

ÁREAS DE PASTAGENS E AGRÍCOLAS AFETADAS PELA SECA

(SPI -Nov, US E VHI DEZ)

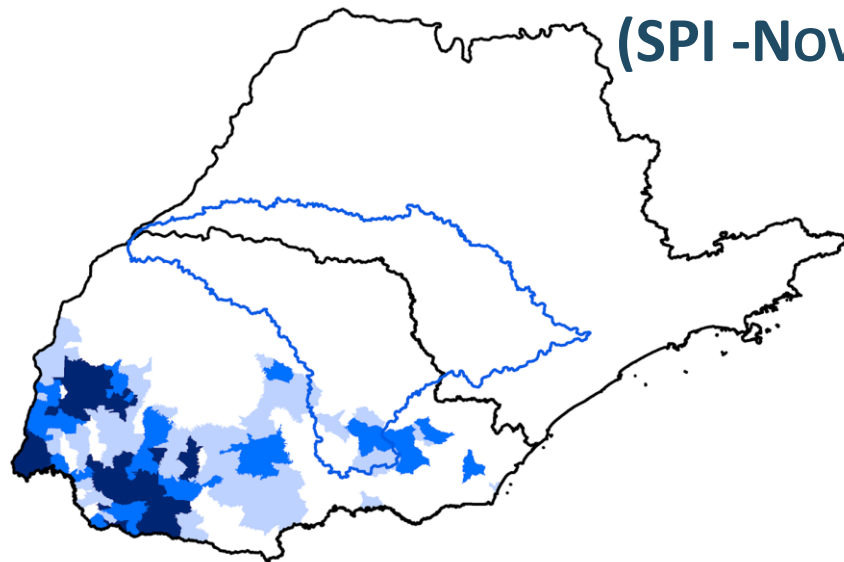


Nº DE IMÓVEIS RURAIS

UF	40 a 60%	60 - 80%	> 80%
PR			
SP	30	44	163

	40 a 60%	60 - 80%	> 80%	Imóveis Rurais Impactados > 40%
São Paulo				
Minifundio	11169 (4%)	11966 (5%)	36593 (14%)	59728 (23%)
Pequena Propriedade	6130 (5%)	7813 (6%)	21972 (17%)	35915 (28%)
Media Propriedade	1913 (7%)	2825 (11%)	8596 (32%)	13334 (50%)

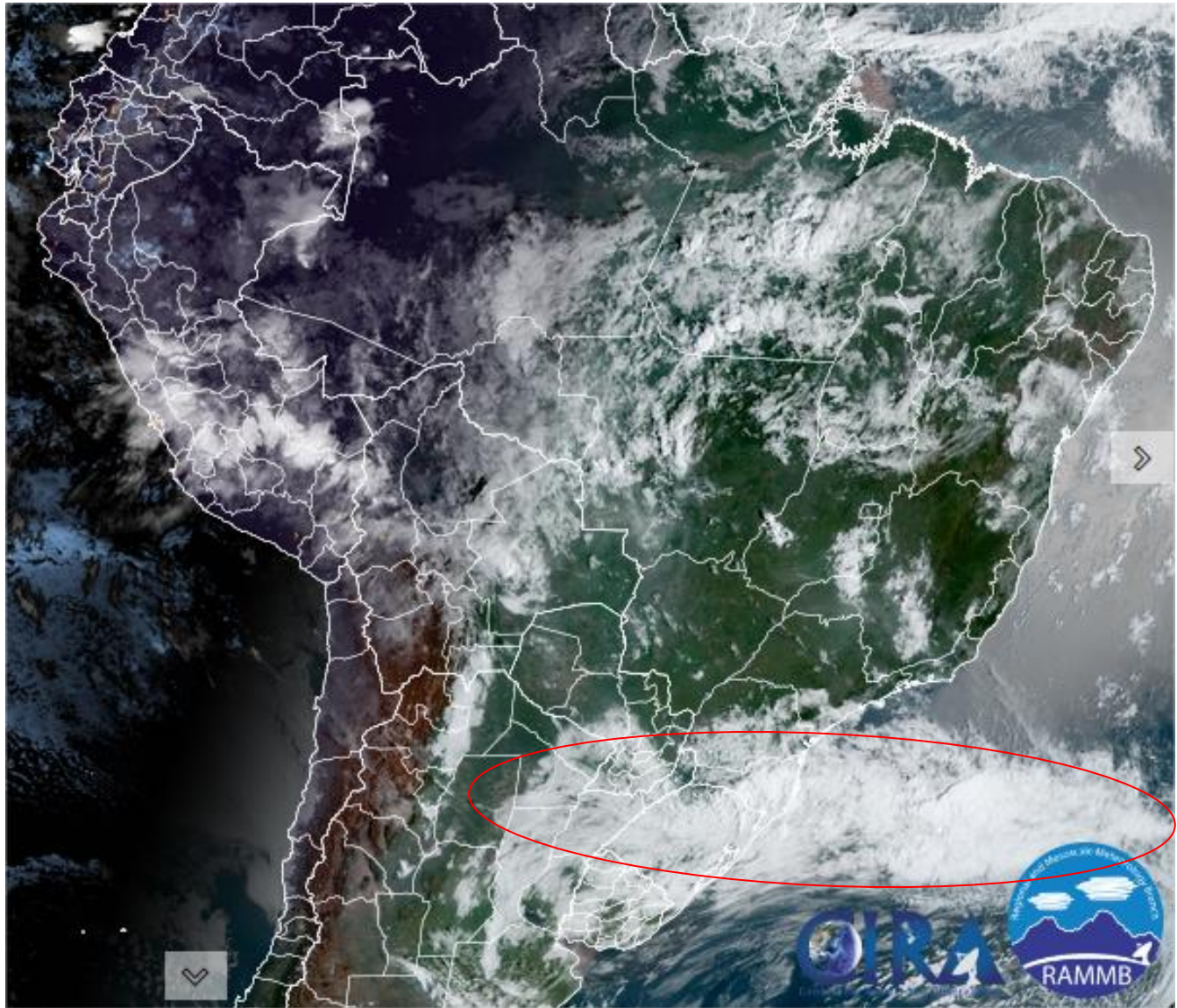
ÁREAS DE PASTAGENS E AGRÍCOLAS AFETADAS PELO EXCESSO DE CHUVA (SPI -Nov, US E VHI Dez) Nº DE IMÓVEIS RURAIS



UF	40 a 60%	60 - 80%	> 80%
PR	52	34	41
SP			

	40 a 60%	60 - 80%	> 80%	Imóveis Rurais Impactados > 40%
Paraná				
Minifundio	38027 (15%)	31127 (12%)	38433 (15%)	107587 (41%)
Pequena Propriedade	21461 (17%)	13019 (10%)	17342 (14%)	51822 (41%)
Media Propriedade	4557 (17%)	2326 (9%)	1823 (7%)	8706 (32%)

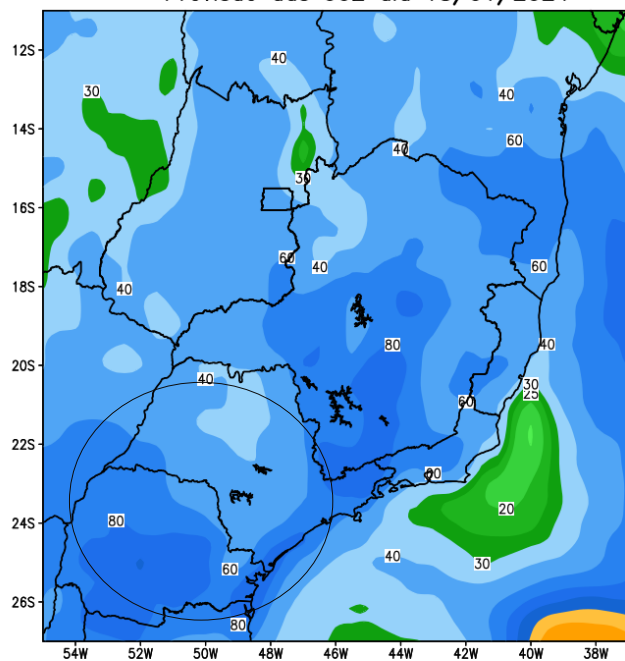
Situação meteorológica atual



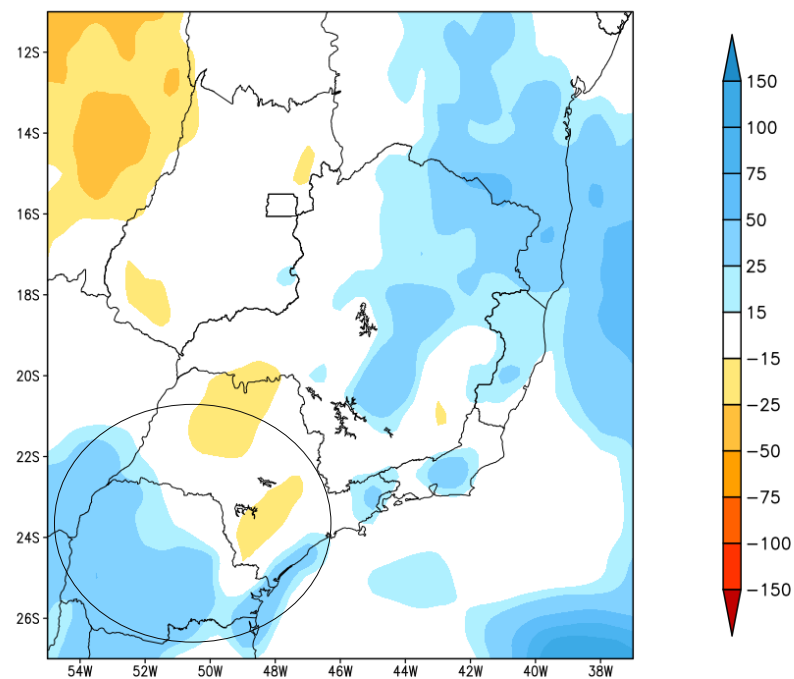
Fonte: INMET

Previsão de chuva próximos 7 dias

GEFS / BRASIL_SE
Precipitação acumulada 1aSem (mm)
Previsão das 00Z dia 18/01/2024



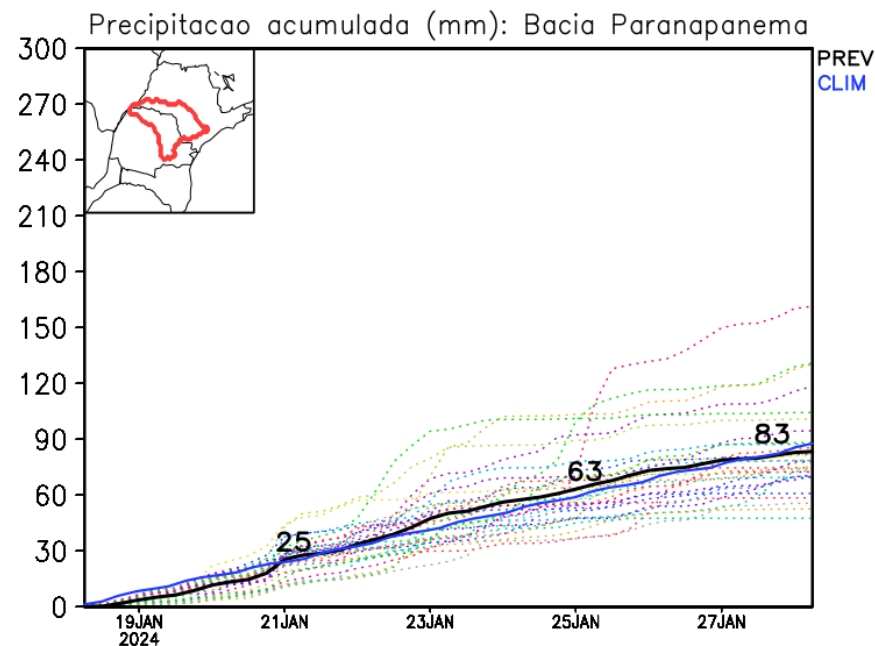
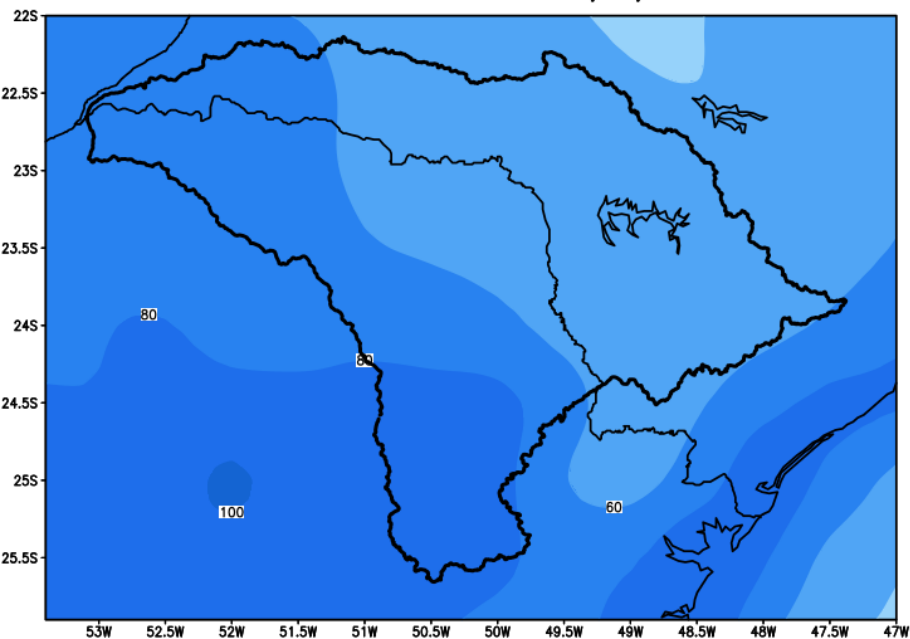
Anomalia de Precipitação BR_SE (mm)
Período: 2024011800 a 2024012500



MODELO GFS

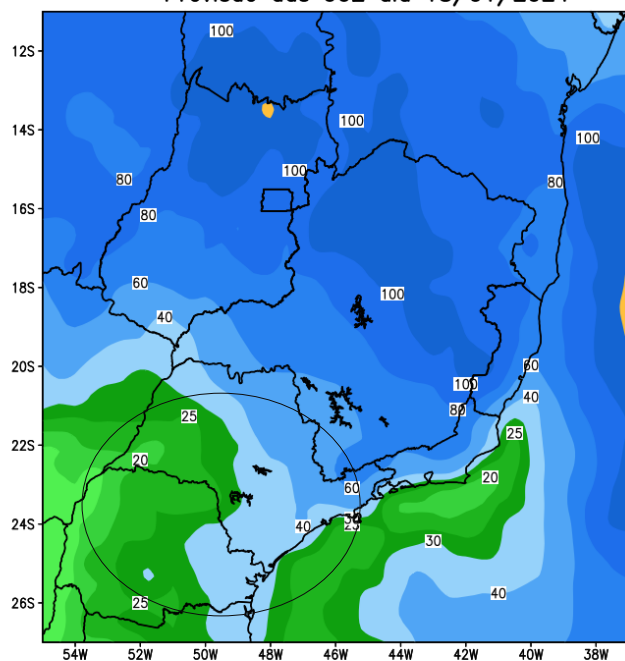
Previsão para a bacia do rio Paranapanema

GEFS / Bacia do Rio Paranapanema
Precipitação acumulada em 7 dias (mm)
Previsão das 00Z dia 18/01/2024

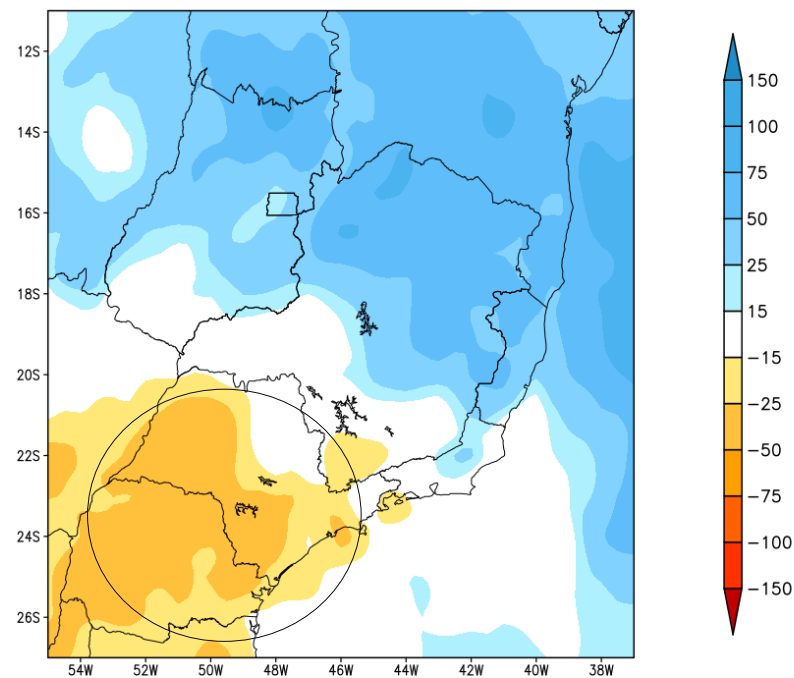


Tendência para a segunda semana

GEFS / BRASIL_SE
Precipitação acumulada 2aSem (mm)
Previsão das 00Z dia 18/01/2024



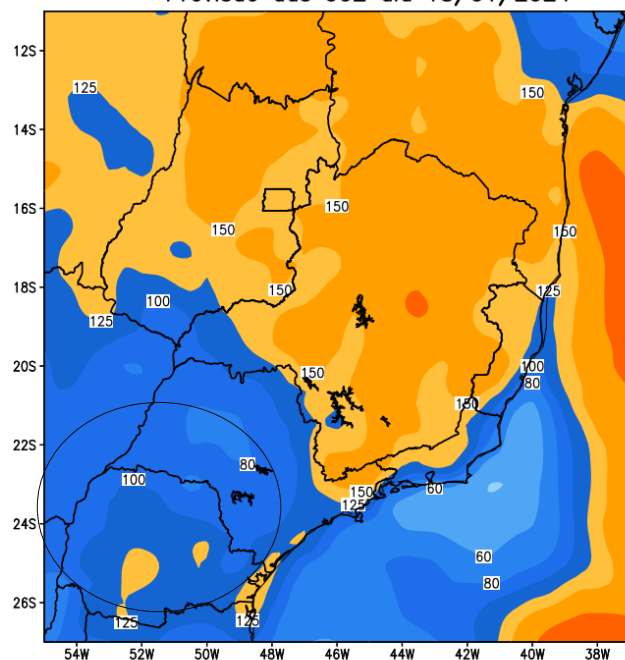
Anomalia de Precipitação BR_SE (mm)
Período: 2024012600 a 2024020100



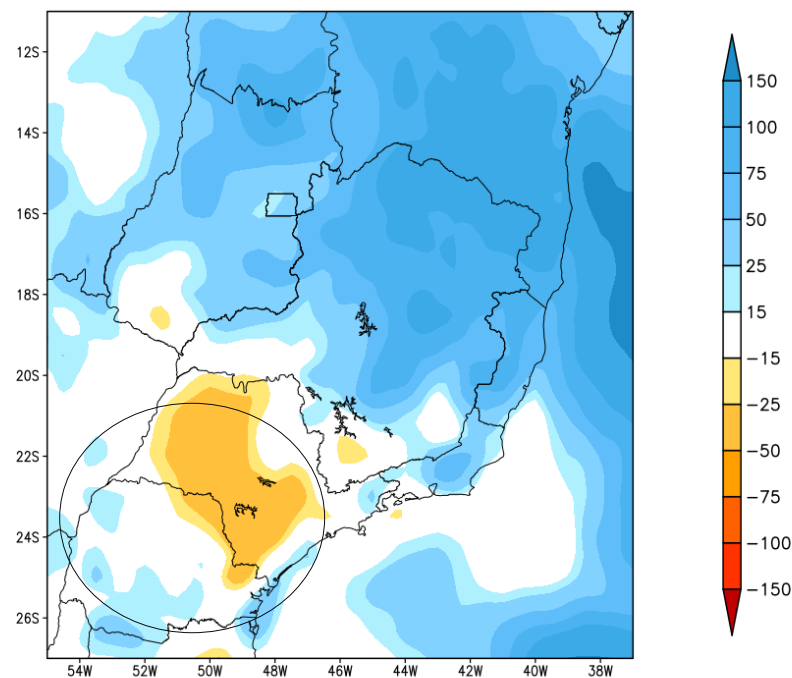
MODELO GFS

Tendência para as duas próximas semanas

GEFS / BRASIL_SE
Precipitação acumulada 14 dias (mm)
Previsão das 00Z dia 18/01/2024



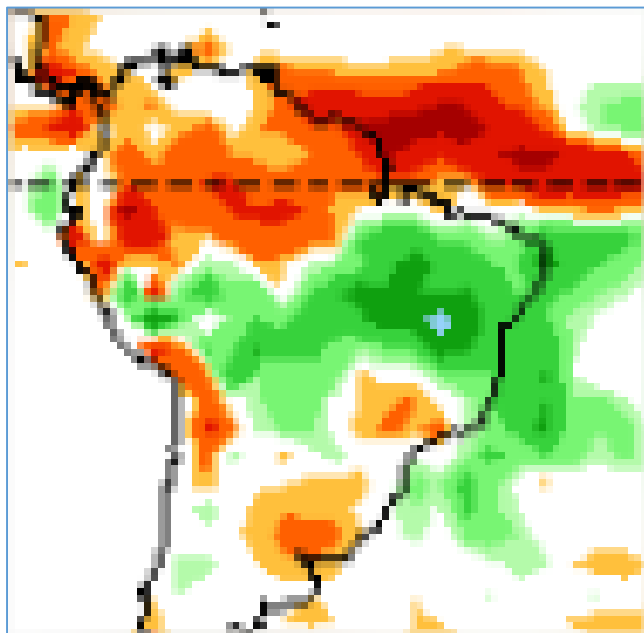
Anomalia de Precipitação BR_SE (mm)
Período: 2024011800 a 2024020100



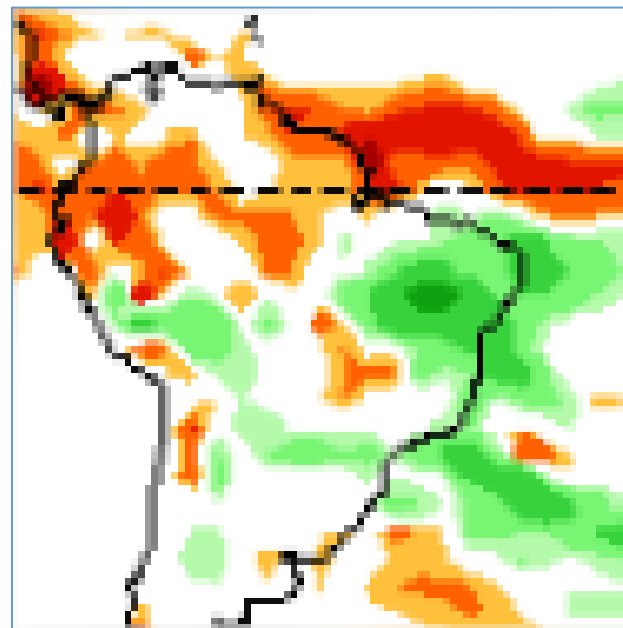
MODELO GFS

Tendência 3a e 4a semanas

31/01-06/02

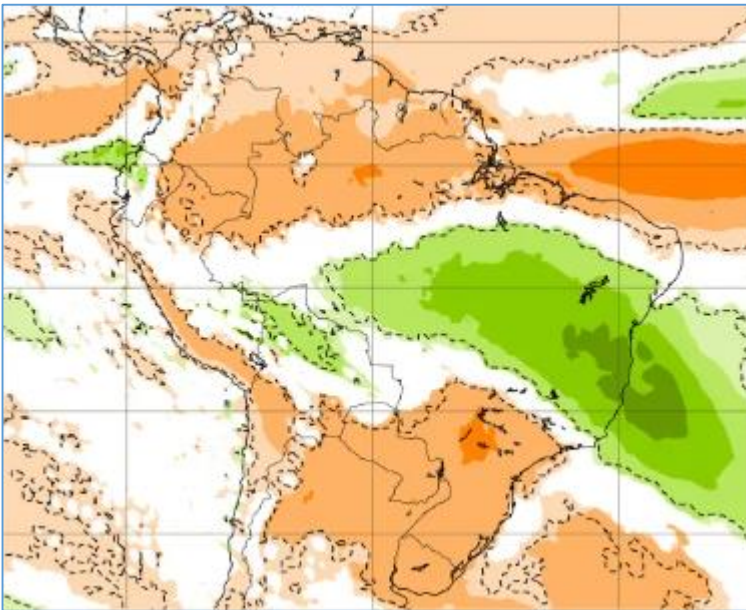


07-13/02

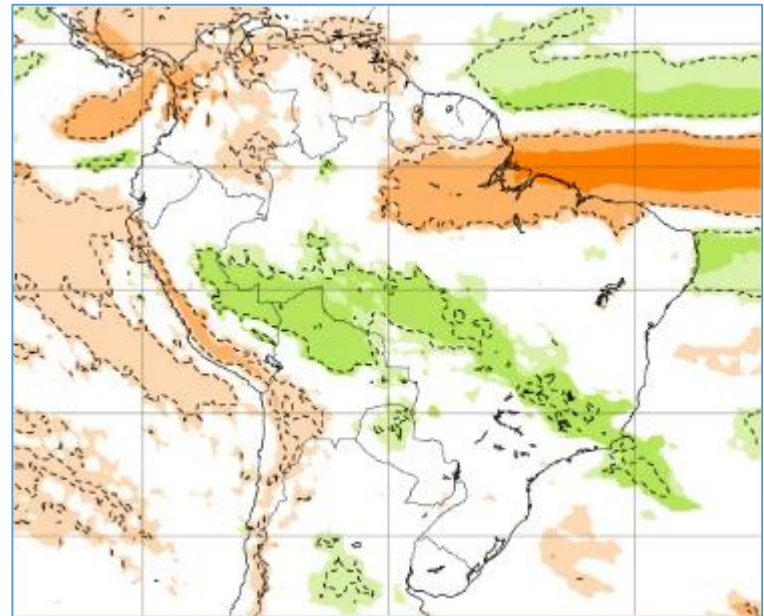


Tendência para 3ª e 4ª semanas

29/01-04/02

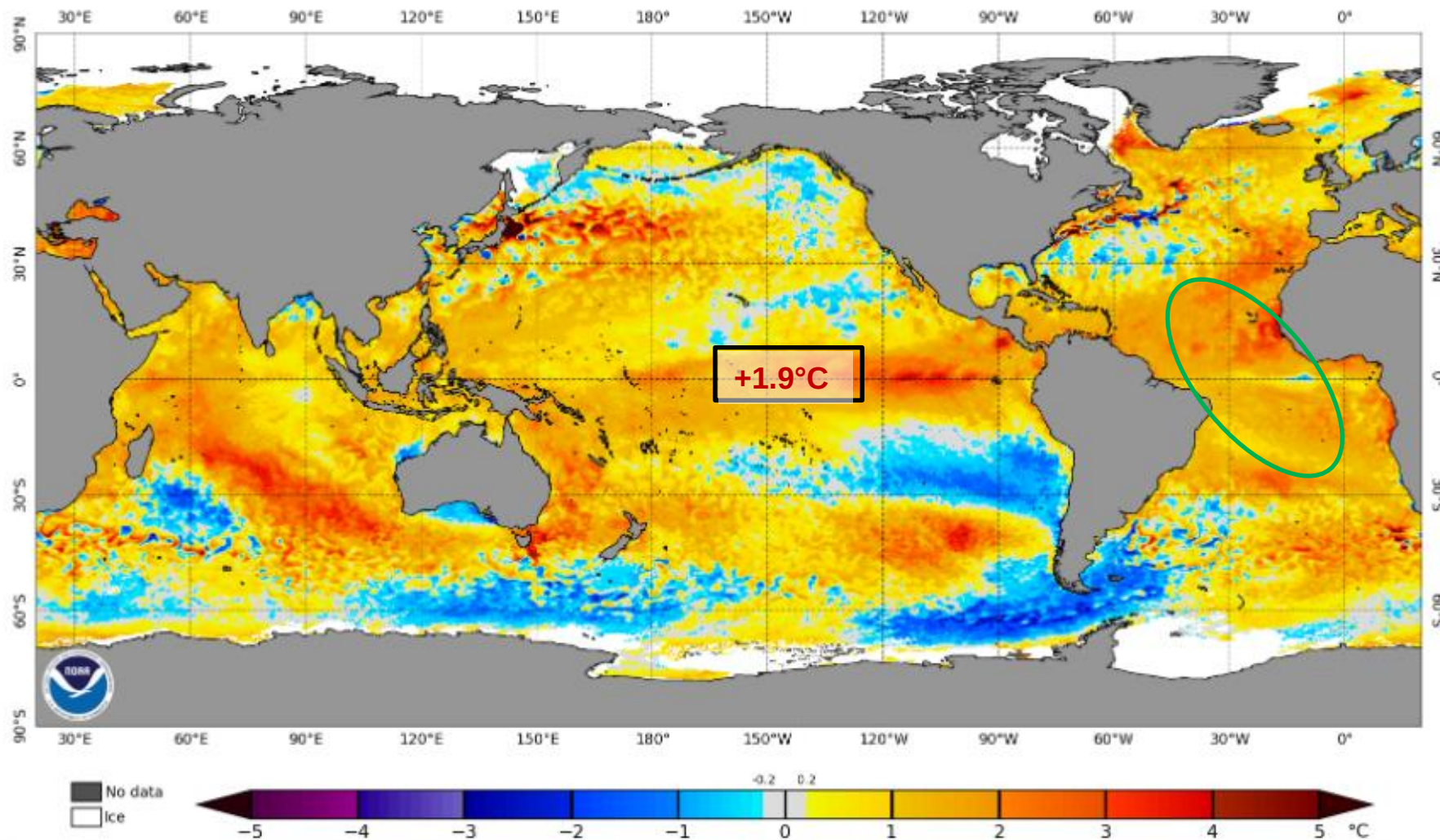


05-11/02



Status Atual: El Niño

NOAA Coral Reef Watch Daily 5km SST Anomalies (v3.1) 14 Jan 2024



Previsão do “ENSO”

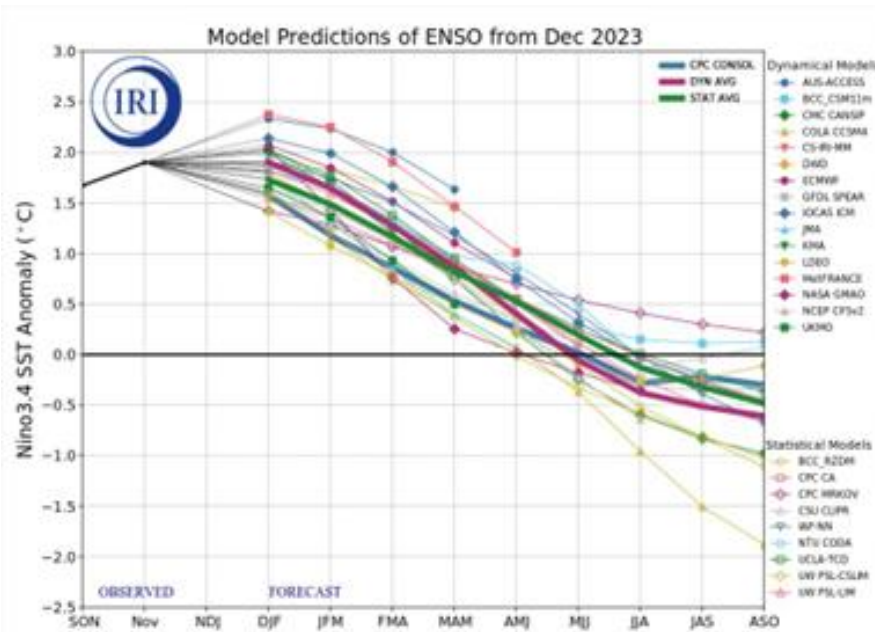
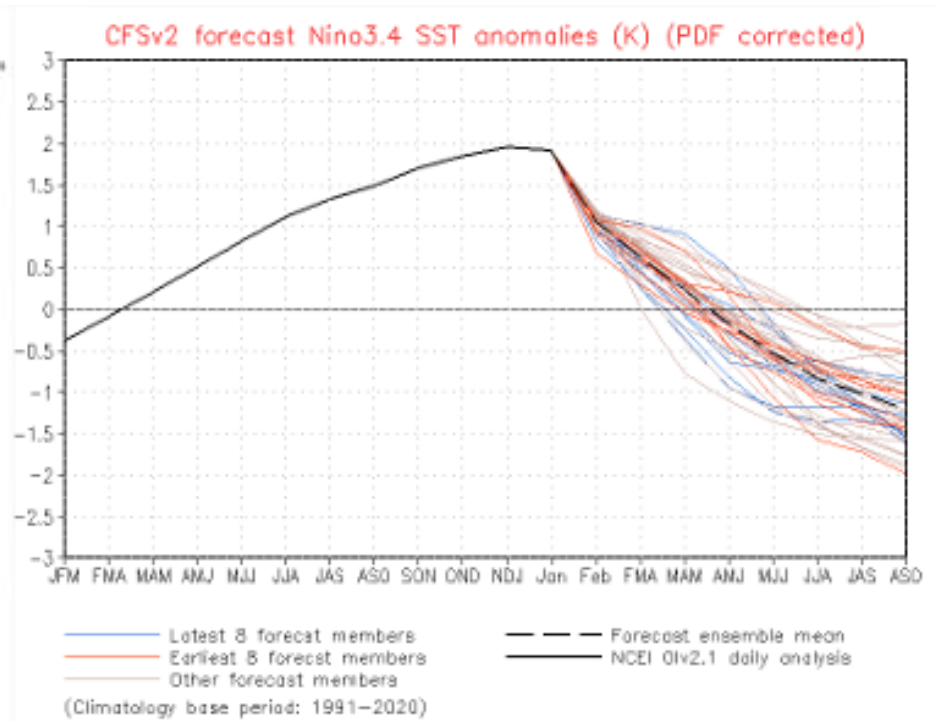
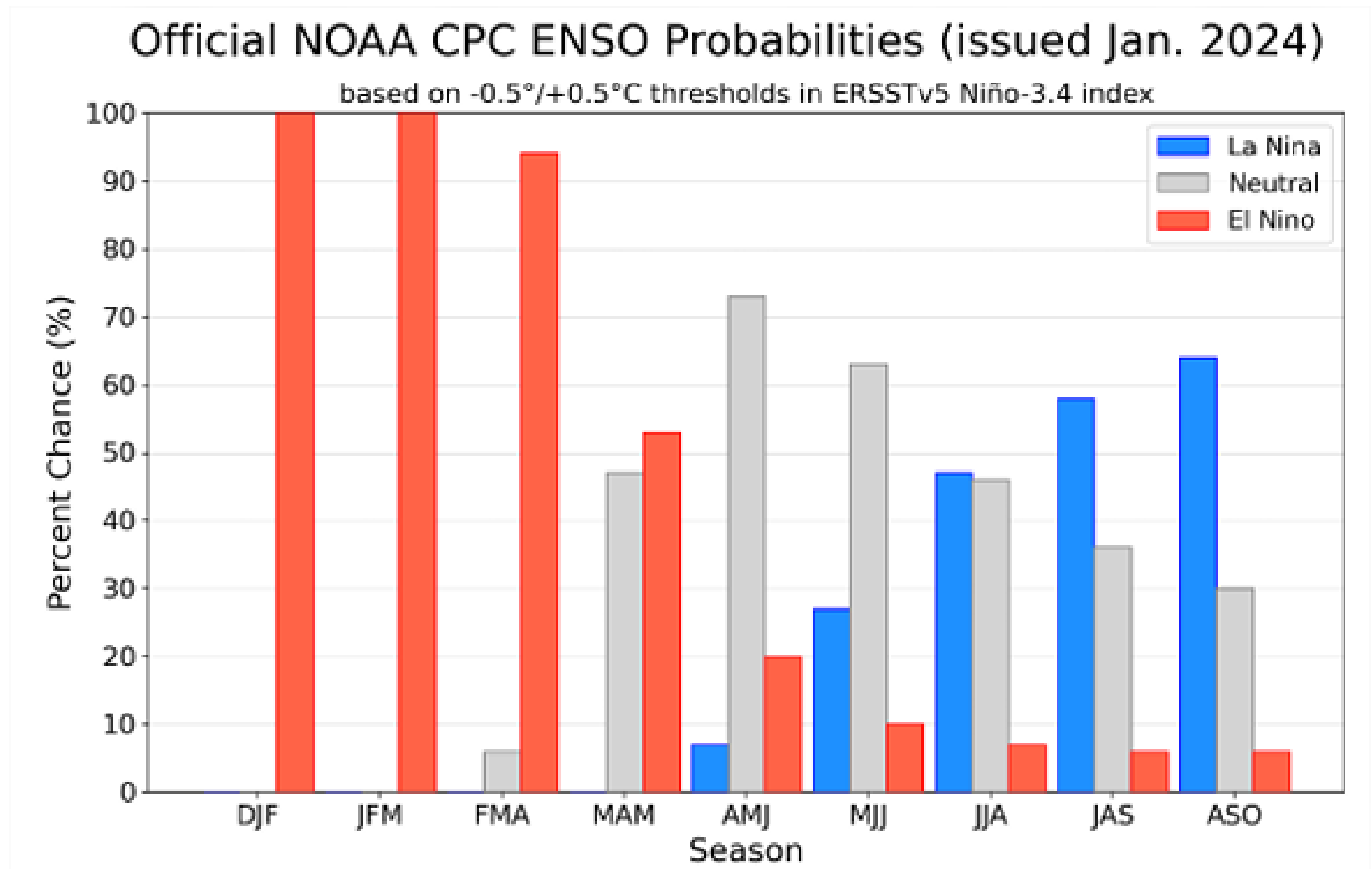


Figure provided by the International Research Institute (IRI) for Climate and Society (updated 19 December 2023).

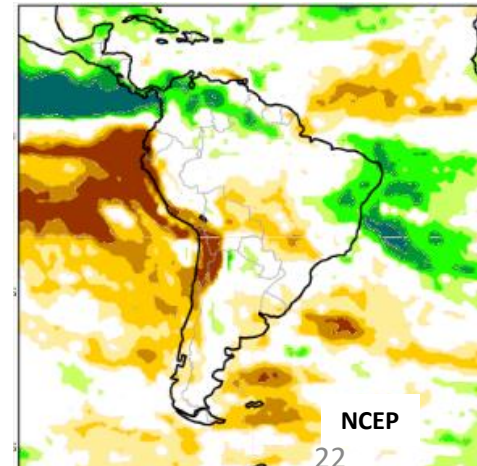
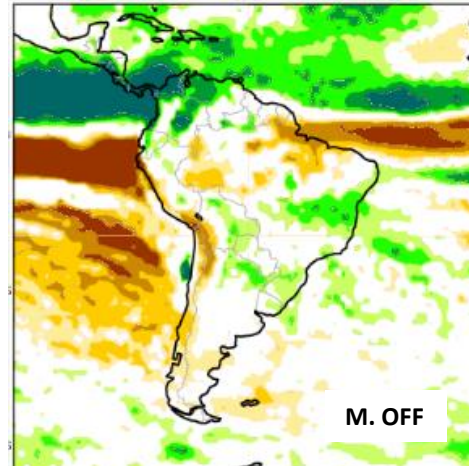
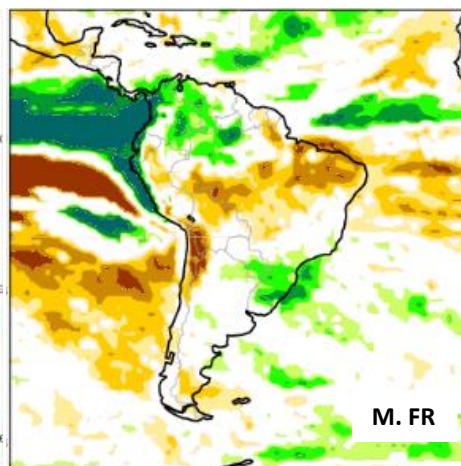
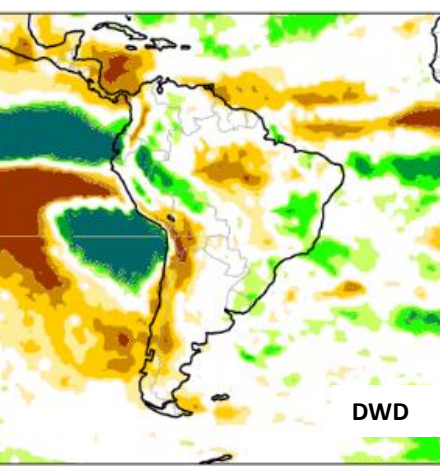
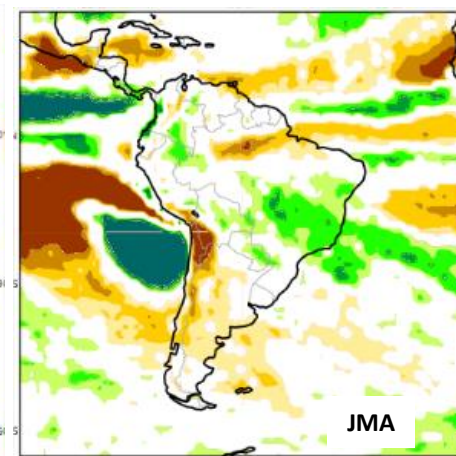
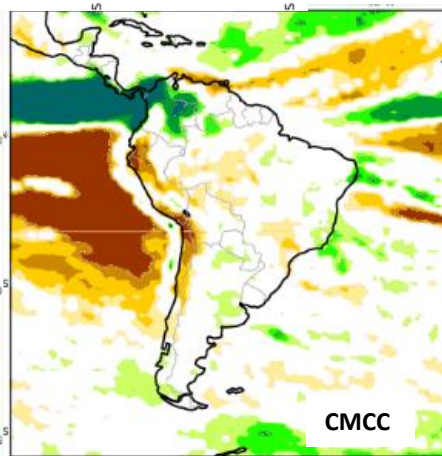
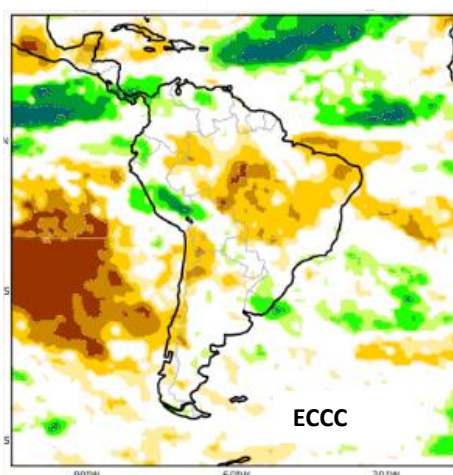
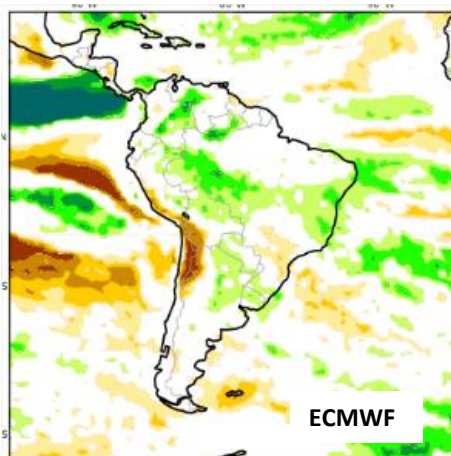


Atualizado 15 de janeiro

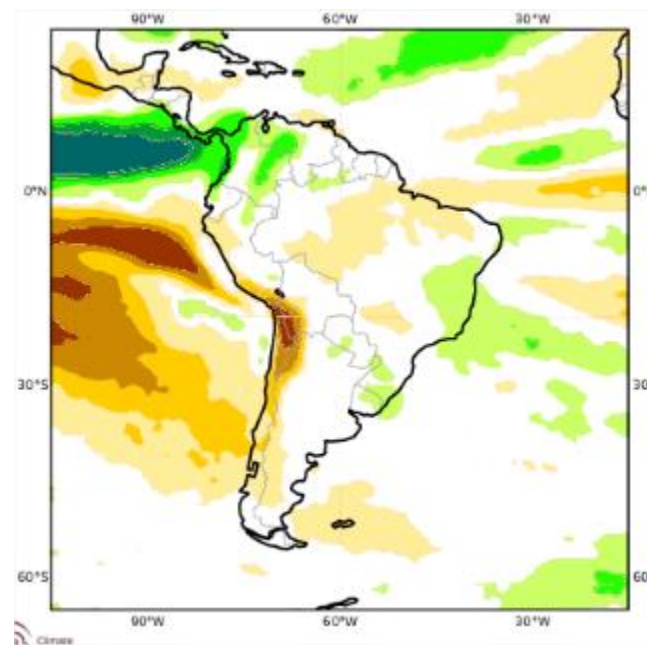
Previsão do “ENSO”



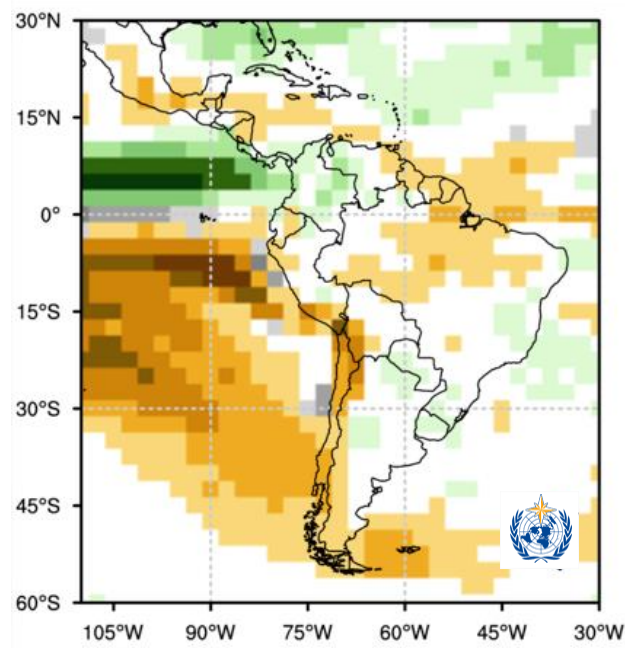
Previsão Sazonal de Chuva FMA



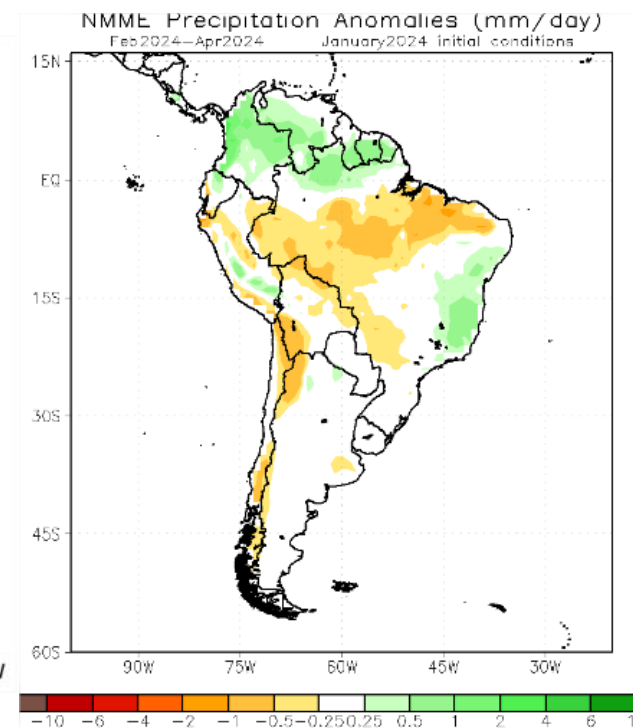
Previsão Sazonal de Chuva Multi-Modelo para FMA



Modelos Europeus



Modelos da Organização
Meteorológica Mundial



Modelos Americanos