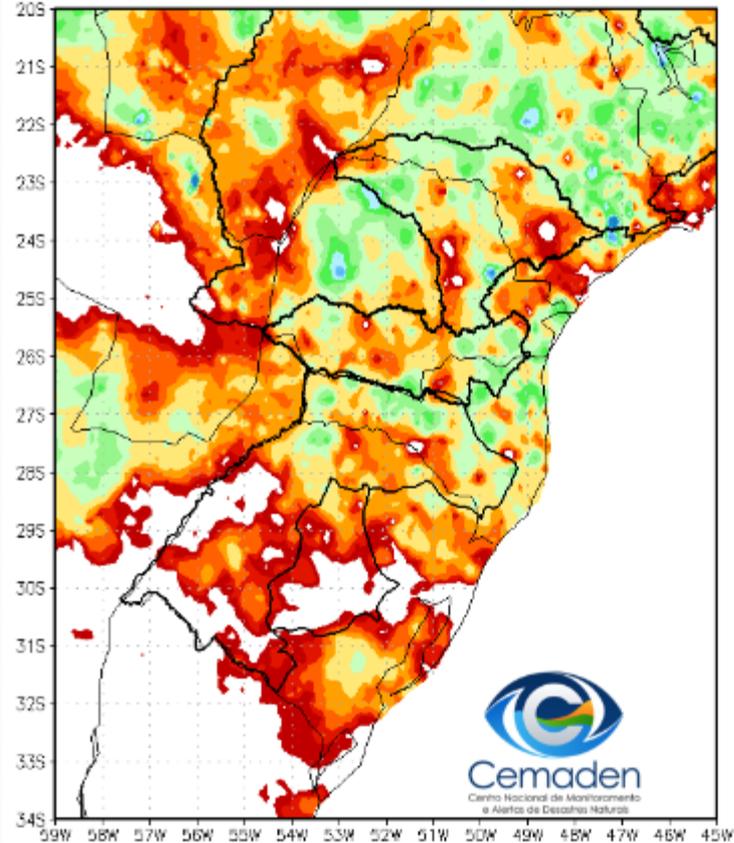


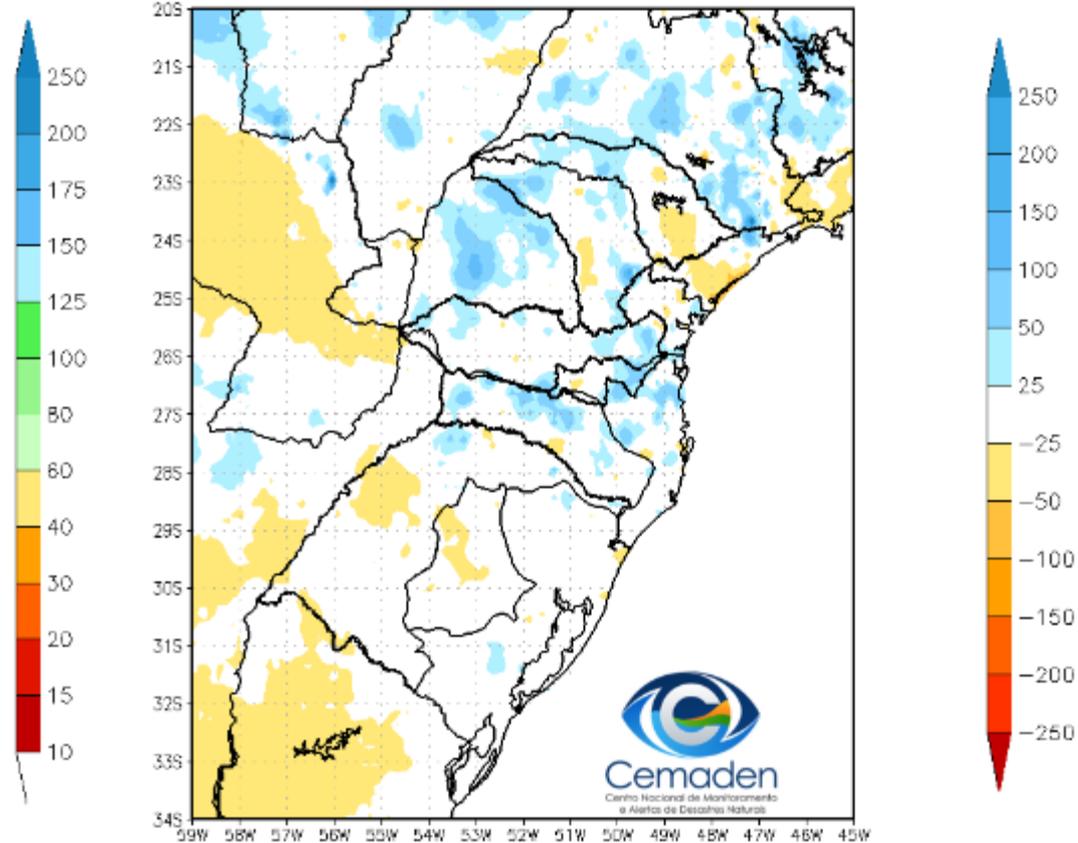
Monitoramento da situação da seca na Região Sul

Precipitação nos últimos 7 dias

Precipitação Acumulada (mm) A.S.
Período: 11/01/2023 a 18/01/2023

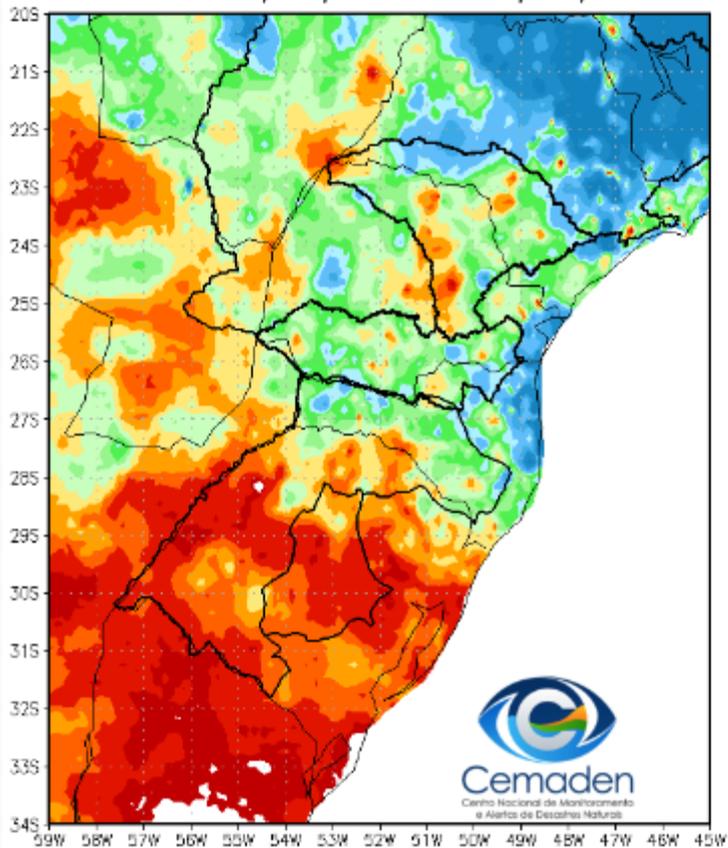


Anomalia de Precipitação (mm) A.S.
Período: 11/01/2023 a 18/01/2023

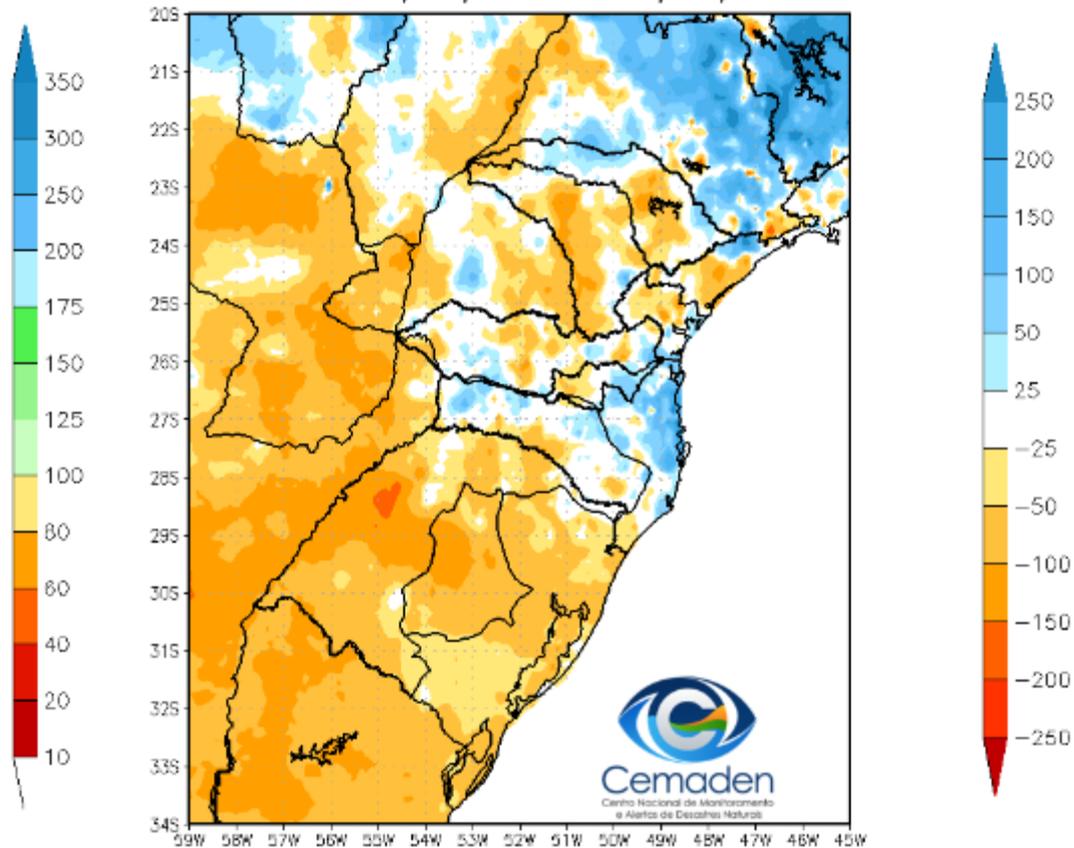


Precipitação nos últimos 30 dias

Precipitação Acumulada (mm) A.S.
Período: 19/12/2022 a 18/01/2023

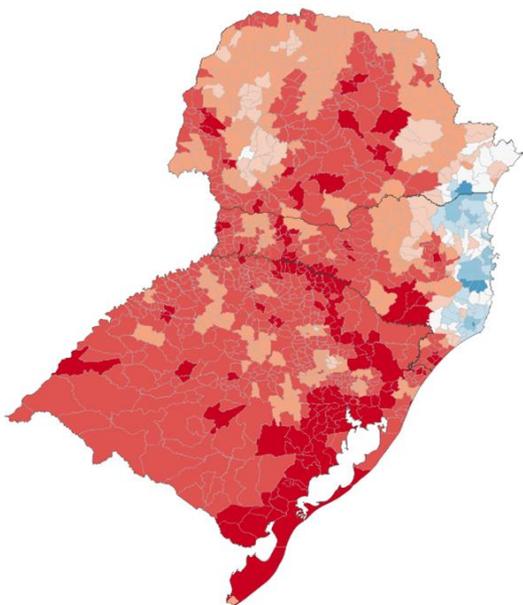


Anomalia de Precipitação (mm) A.S.
Período: 19/12/2022 a 18/01/2023

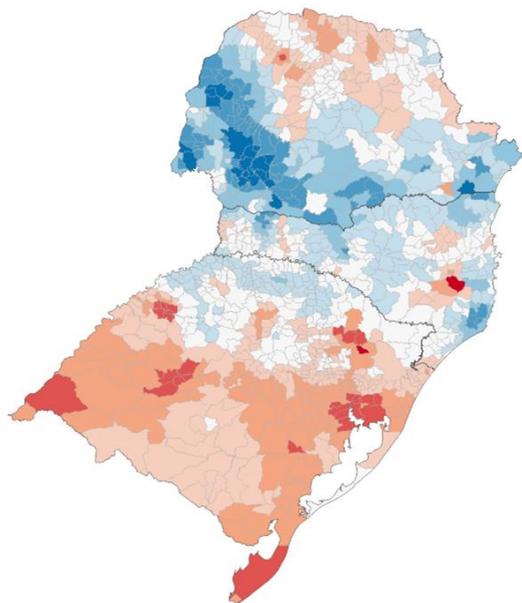


SPI: Janeiro de 2023

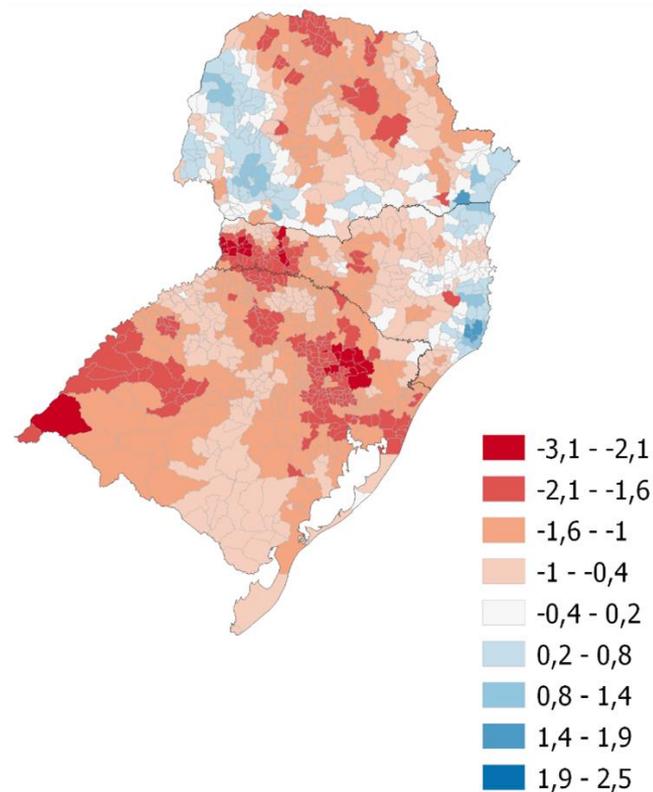
SPI03



SPI12



SPI24

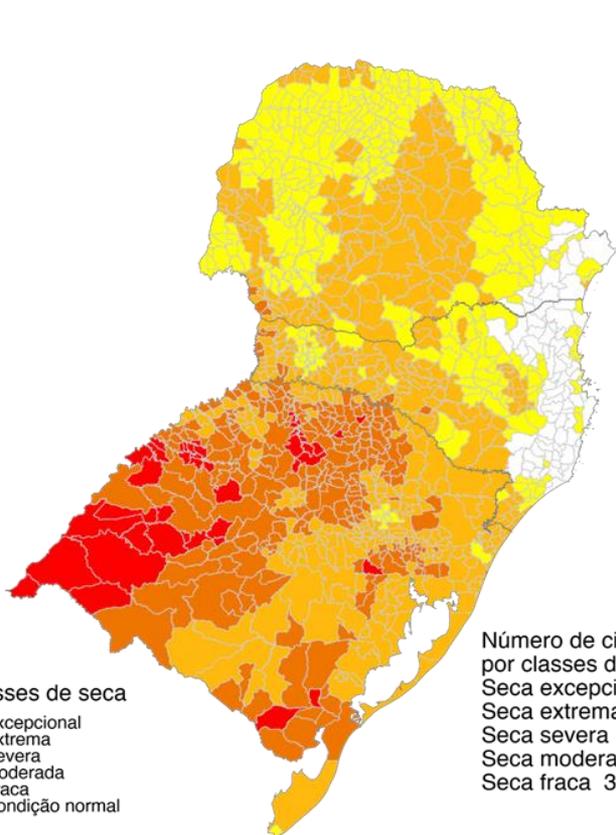


Índice Integrado de Seca – IIS nas escalas de 3 e 6 meses

Janeiro/2023

IIS3

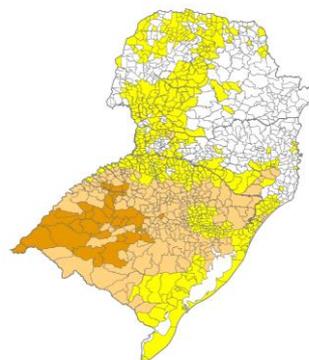
IIS6



Número de cidades
por classes de seca
Seca excepcional 0
Seca extrema 44
Seca severa 245
Seca moderada 485
Seca fraca 333

Classes de seca

- Excepcional
- Extrema
- Severa
- Moderada
- Fraca
- Condição normal



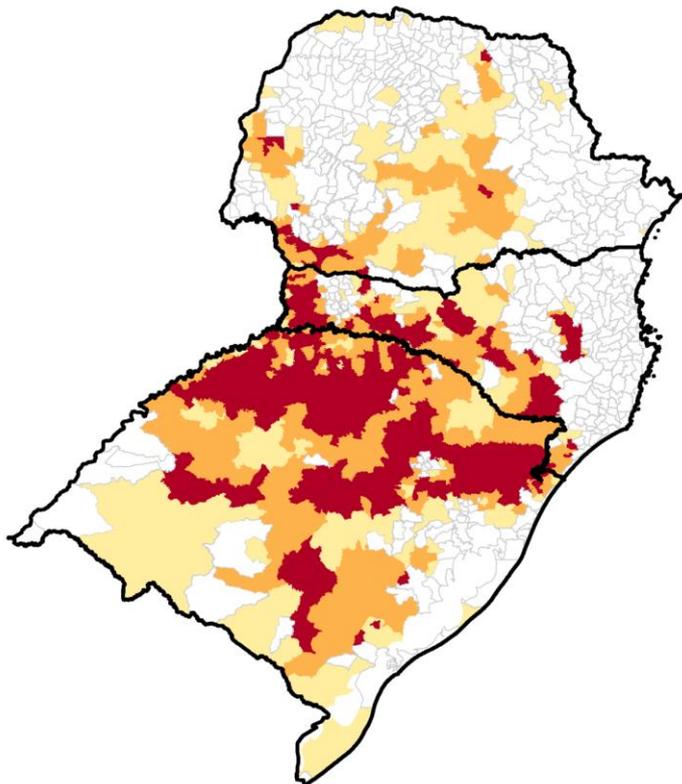
Classes de seca

- Excepcional
- Extrema
- Severa
- Moderada
- Fraca
- Condição normal

Número de cidades
por classes de seca
Seca excepcional 0
Seca extrema 58
Seca severa 225
Seca moderada 243
Seca fraca 476

Áreas Agroprodutivas afetadas pela seca – Região Sul:

Dezembro-Janeiro/23



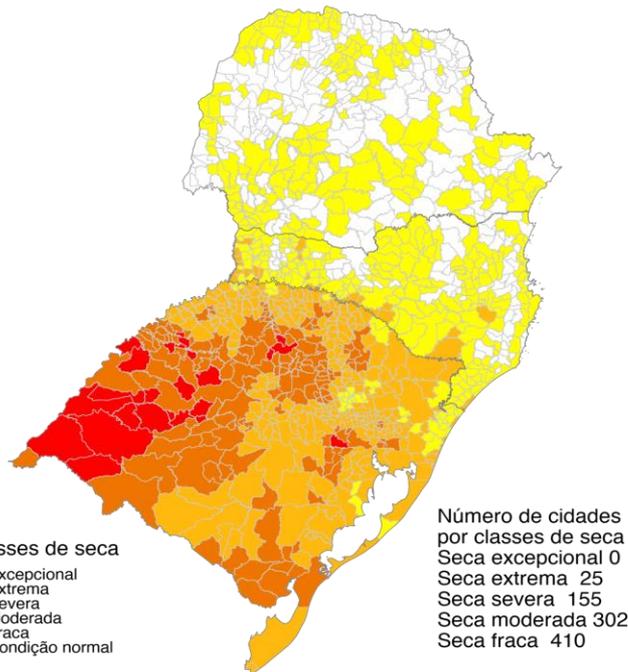
UF	40 a 60%	60 - 80%	> 80%
PR	63	50	14
RS	53	130	251
SC	33	40	69

	40 a 60%	60 - 80%	> 80%	Imóveis Rurais Impactados > 40%
Paraná				
Minifundio	39641 (15%)	54187 (21%)	13142 (5%)	106970 (41%)
Pequena Propriedade	22631 (18%)	24311 (19%)	4567 (4%)	51509 (40%)
Media Propriedade	5255 (20%)	3425 (13%)	308 (1%)	8988 (33%)
Santa Catarina				
Minifundio	21375 (9%)	37209 (16%)	61827 (27%)	120411 (52%)
Pequena Propriedade	8969 (11%)	10249 (12%)	10249 (21%)	36862 (45%)
Media Propriedade	1447 (15%)	1660 (17%)	1499 (15%)	4606 (46%)
Rio Grande do Sul				
Minifundio	37943 (10%)	109085 (13%)	204563 (55%)	351591 (95%)
Pequena Propriedade	6551 (12%)	8180 (16%)	5997 (48%)	127901 (93%)
Media Propriedade	6551 (23%)	8180 (25%)	5997 (24%)	20728 (84%)

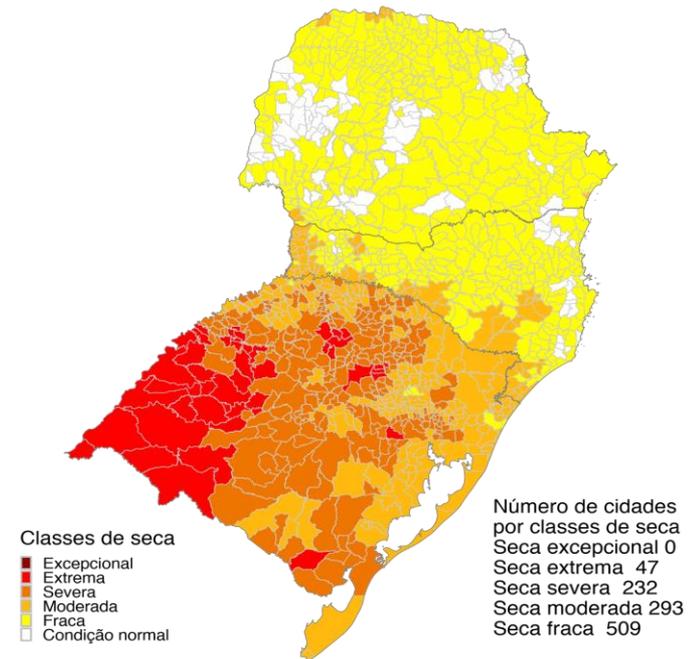
*Estimativa a partir dos dados do Cadastro Ambiental Rural para minifúndios, pequenas e médias propriedades e IIS3

Cenários IIS: Região Sul: Fevereiro/23

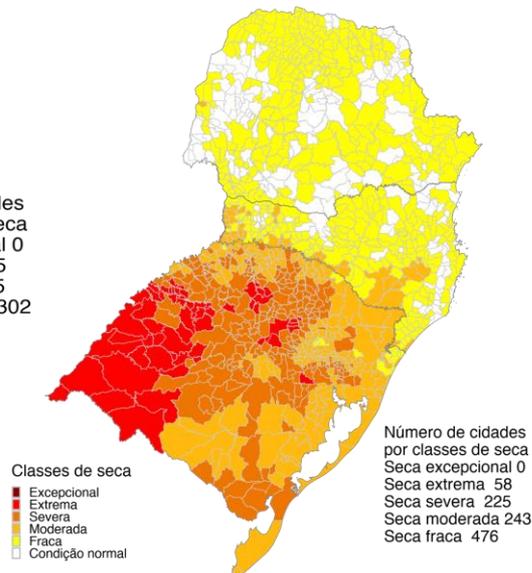
Chuva 30% ACIMA da média



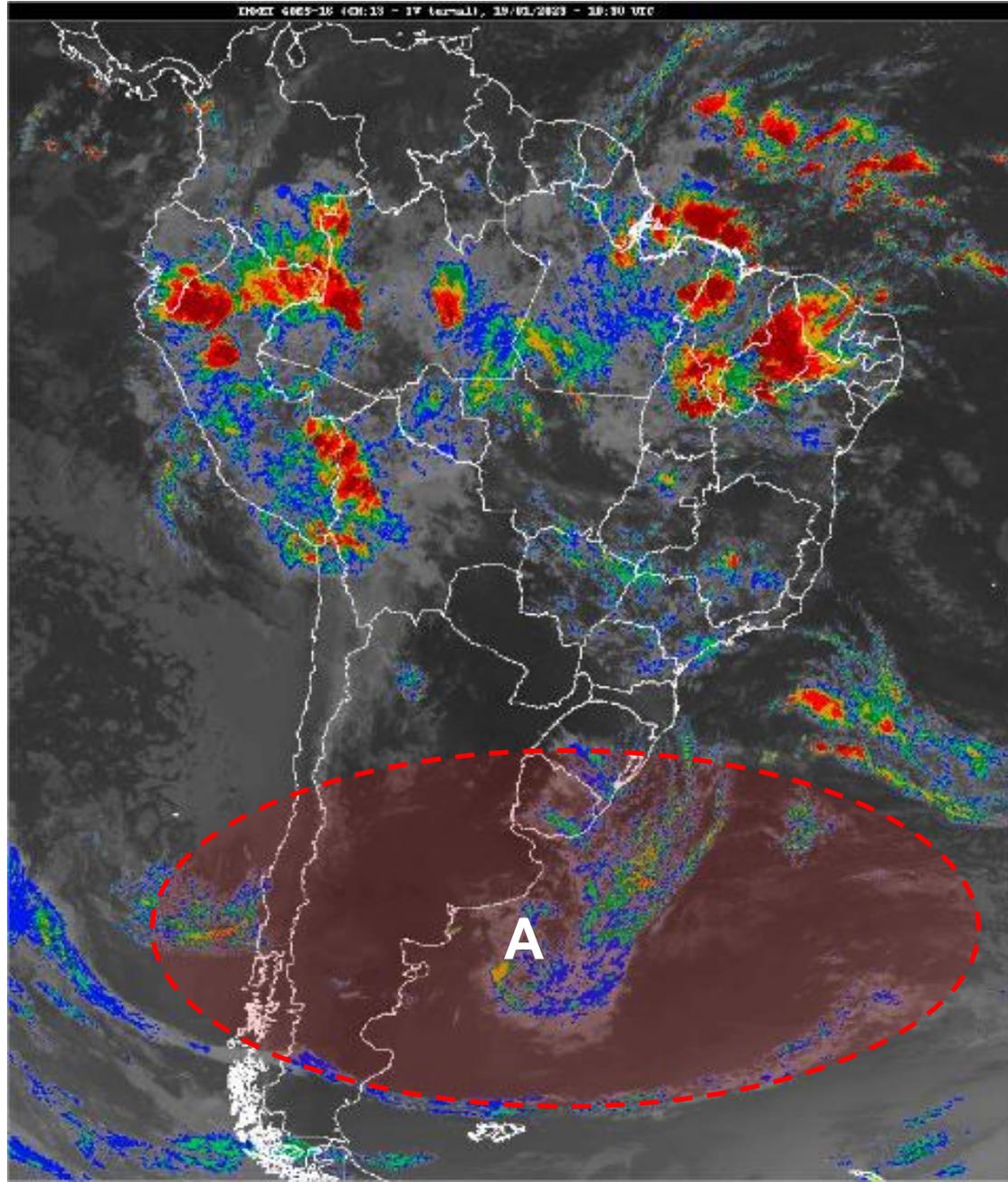
Chuva 30% ABAIXO da média



**IIS6 observado
(Janeiro 23)**

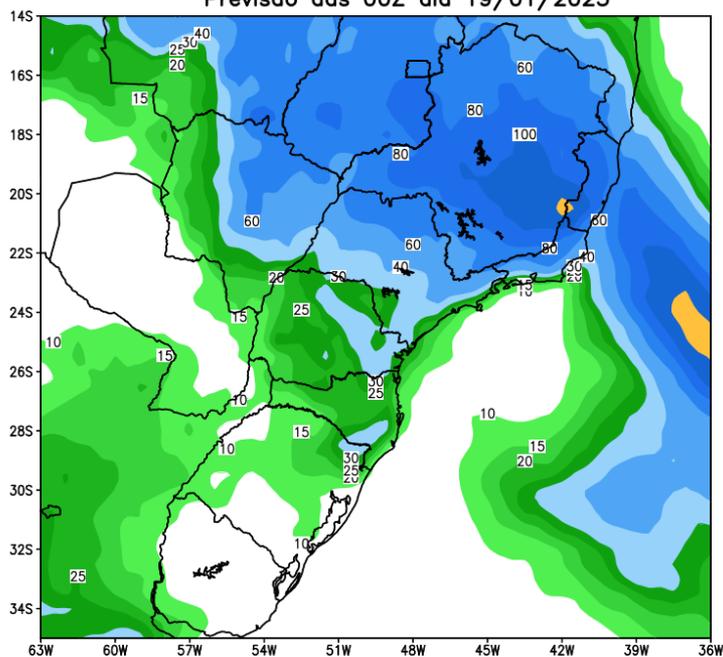


Situação meteorológica atual

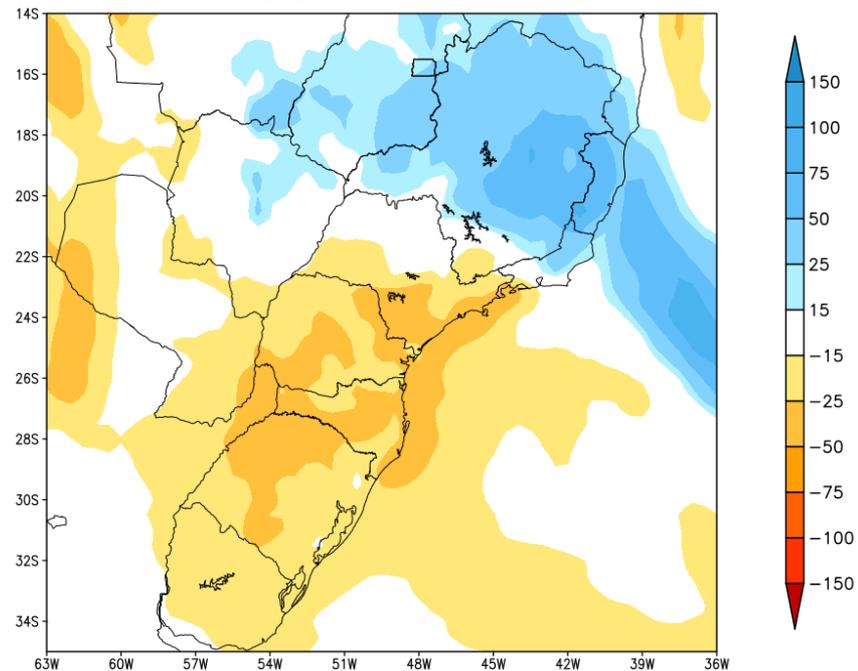


Previsão de chuva próximos 7 dias

GEFS / BRASIL_SUL
Precipitacao acumulada 1aSem (mm)
Previsao das 00Z dia 19/01/2023



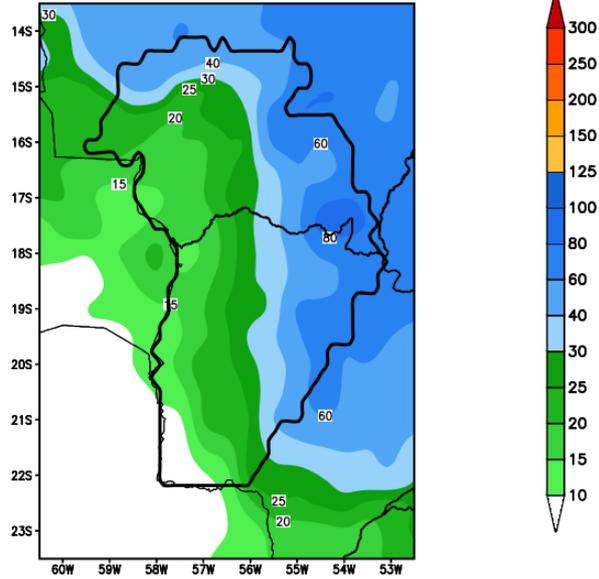
Anomalia de Precipitacao BR_SUL (mm)
Periodo: 2023011900 a 2023012600



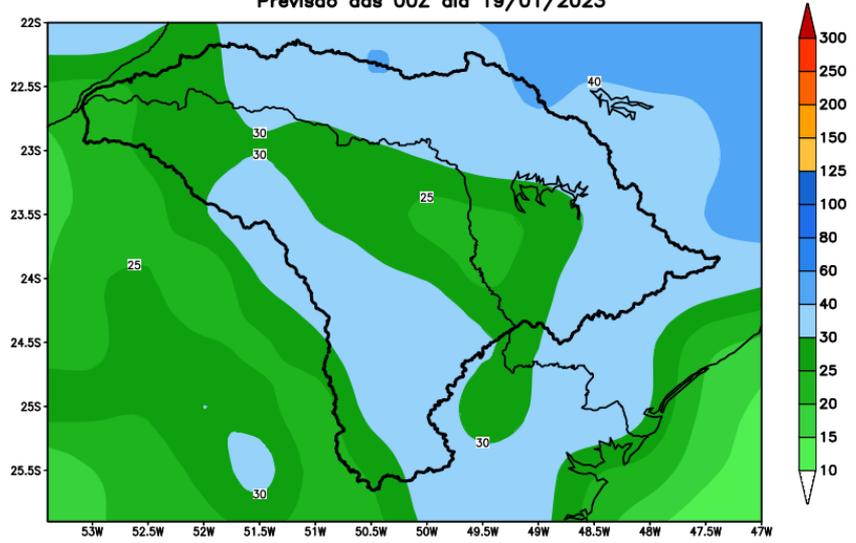
MODELO GFS

Previsão para as principais bacias

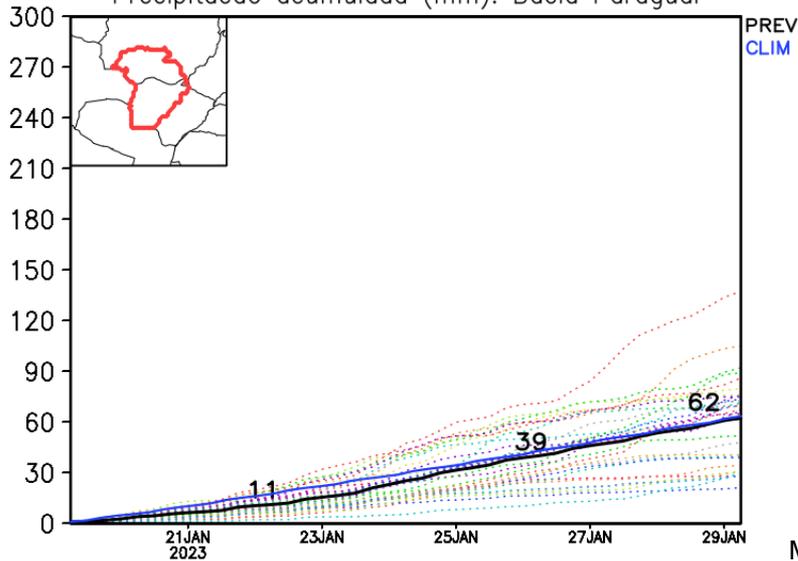
GEFS / Bacia do Rio Paraguai
Precipitação acumulada em 7 dias (mm)
Previsão das 00Z dia 19/01/2023



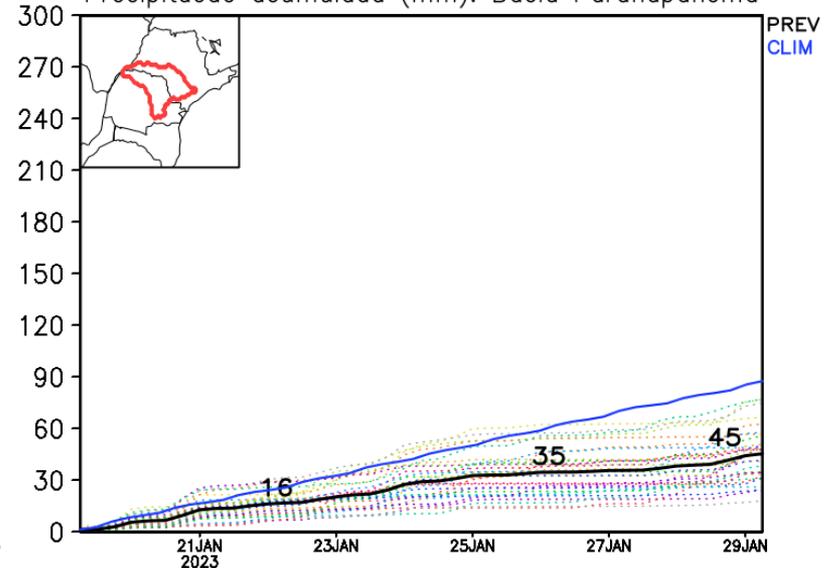
GEFS / Bacia do Rio Paranapanema
Precipitação acumulada em 7 dias (mm)
Previsão das 00Z dia 19/01/2023



Precipitação acumulada (mm): Bacia Paraguai

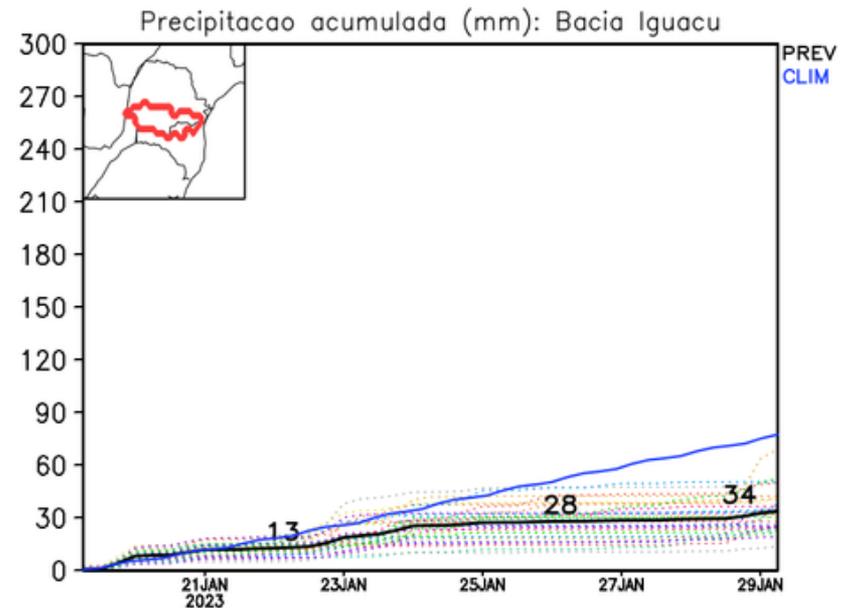
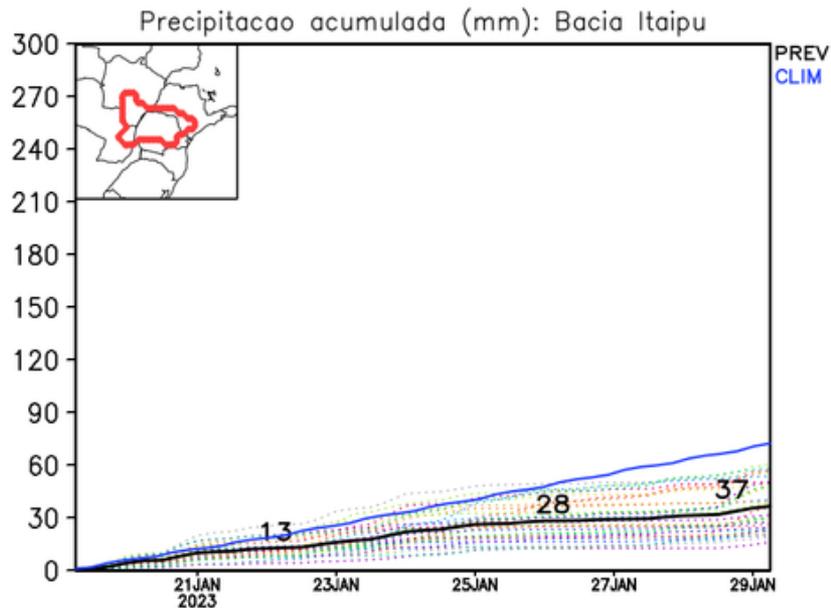
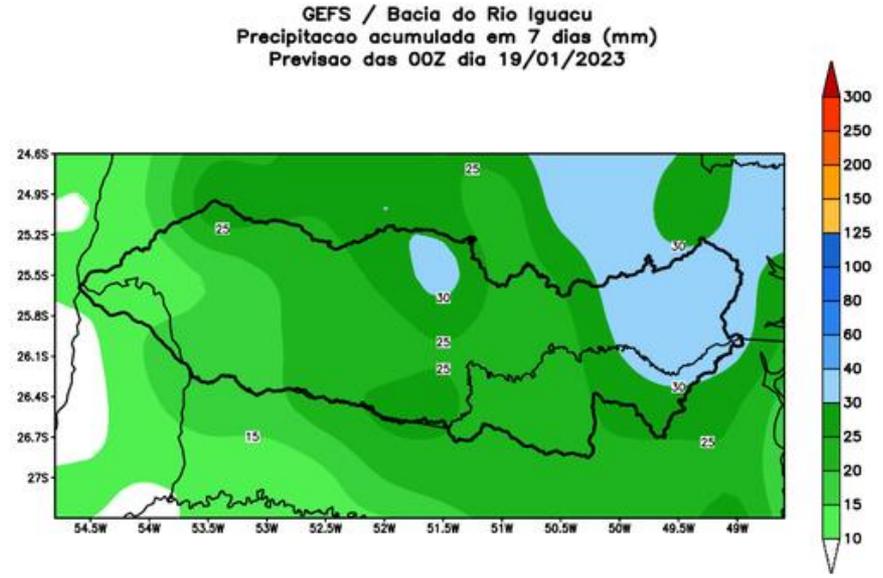
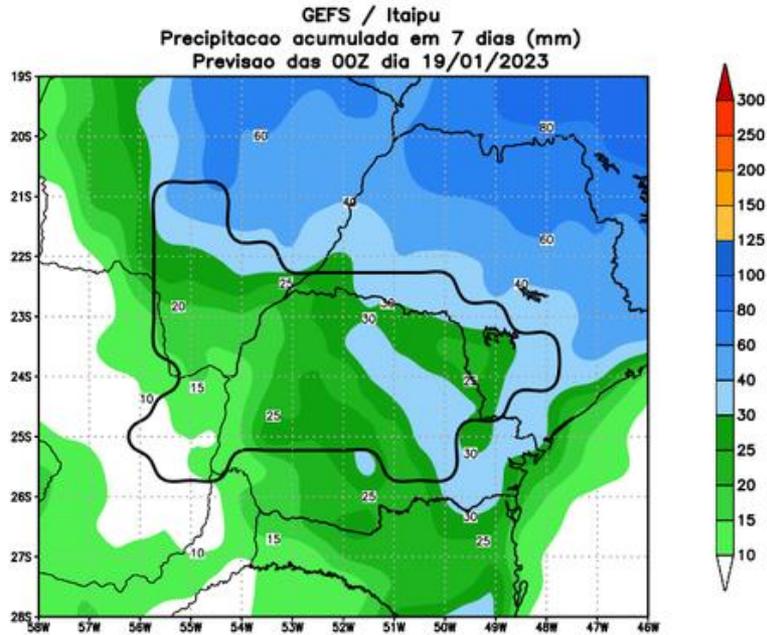


Precipitação acumulada (mm): Bacia Paranapanema

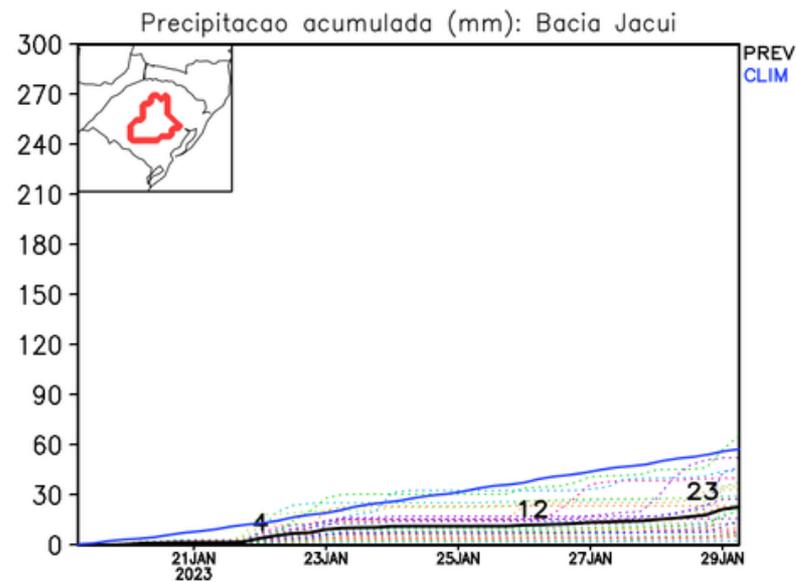
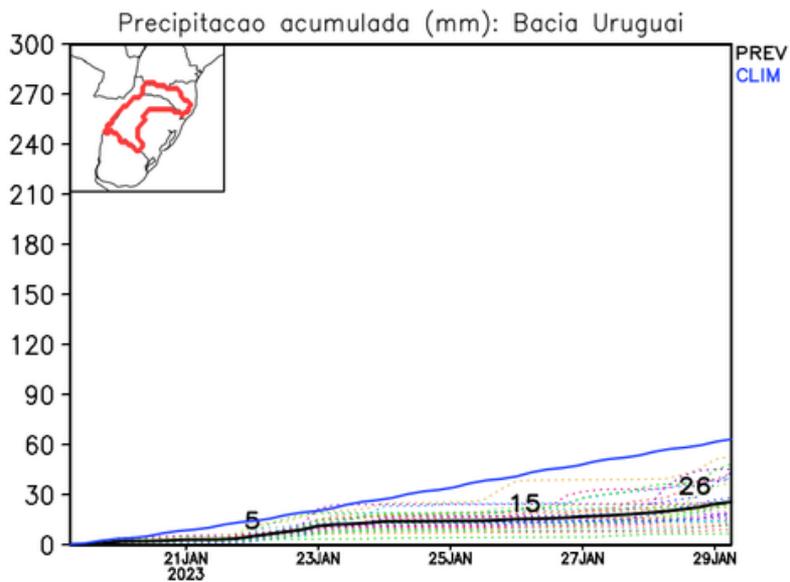
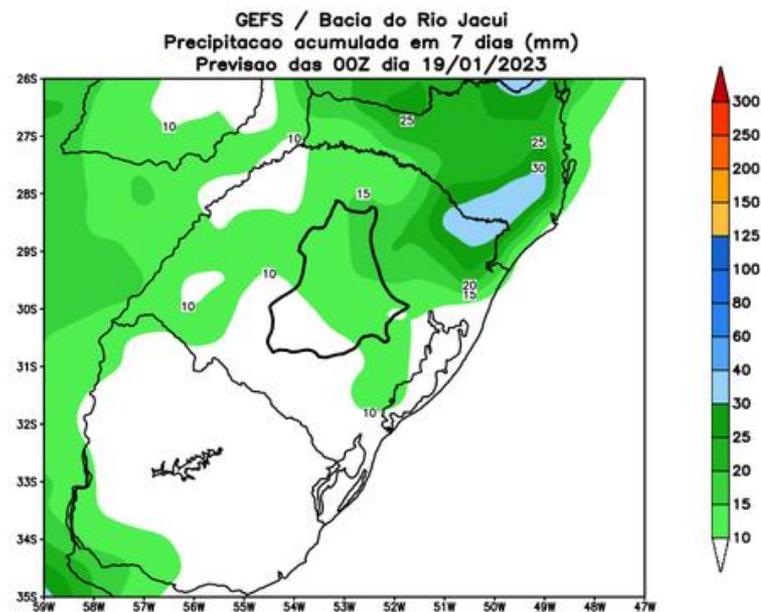
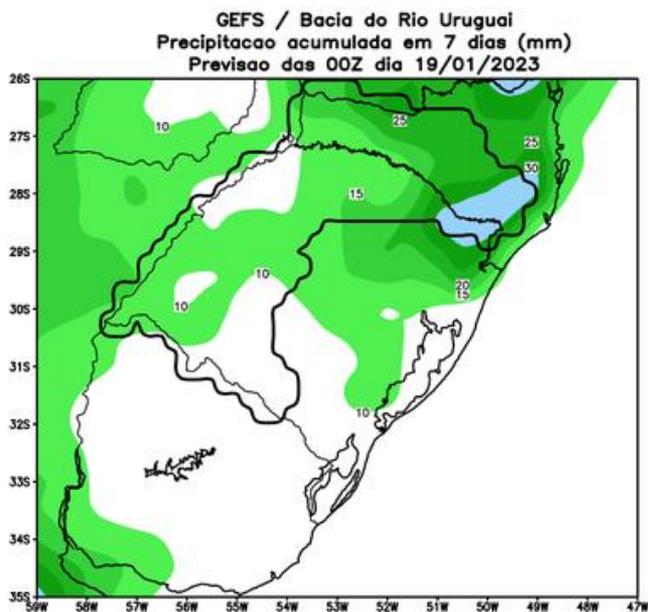


MODELO GFS

Previsão para as principais bacias

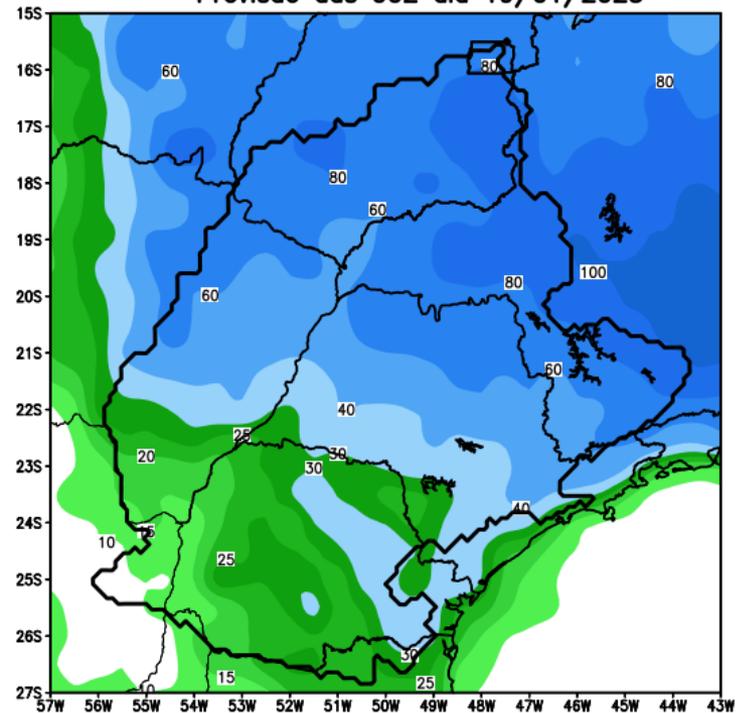


Previsão para as principais bacias

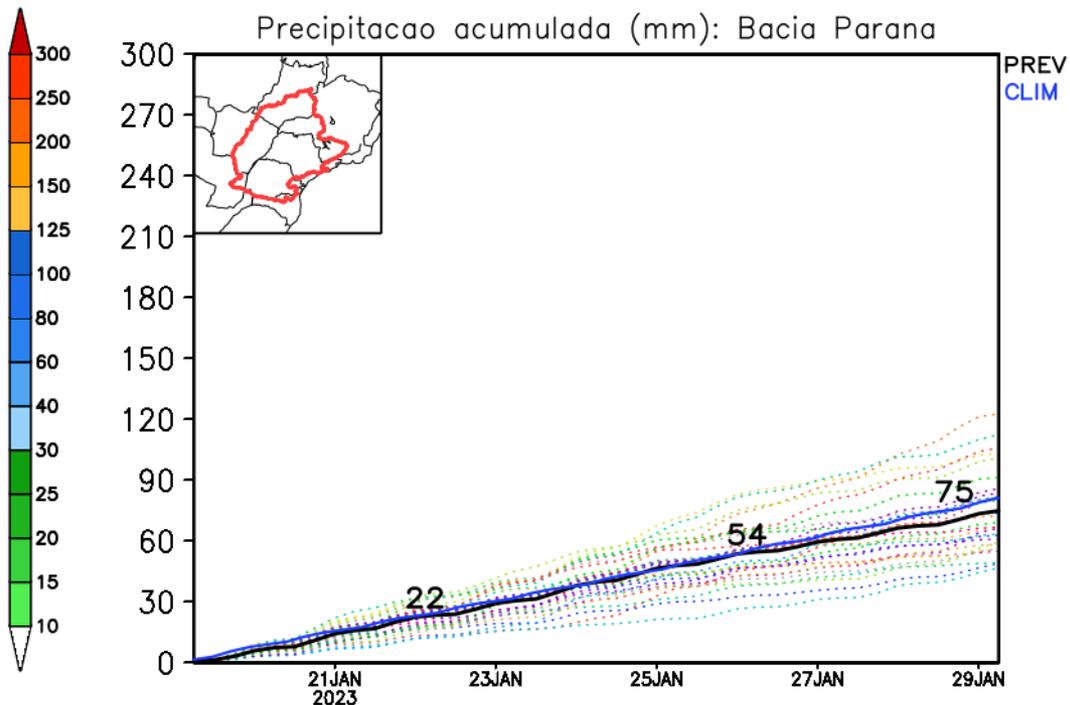


Previsão para as principais bacias

GEFS / Bacia do Parana
Precipitacao acumulada em 7 dias (mm)
Previsao das 00Z dia 19/01/2023

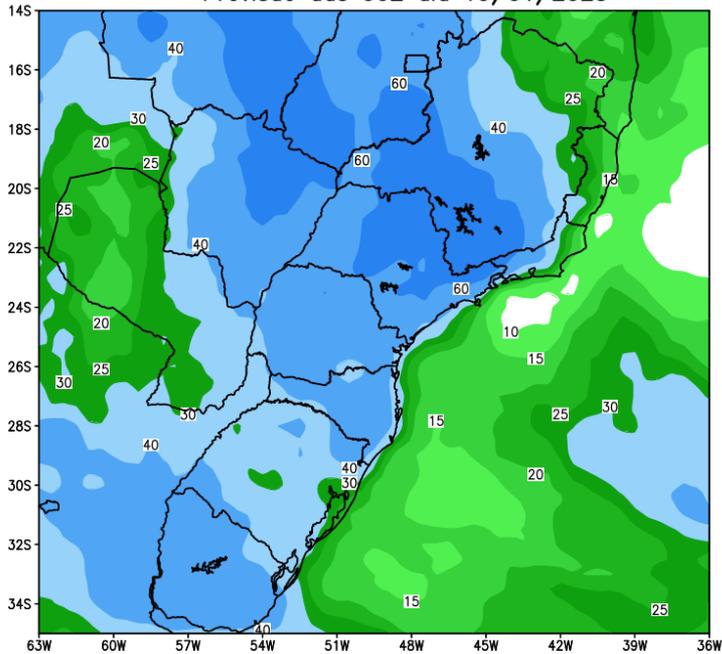


Precipitacao acumulada (mm): Bacia Parana

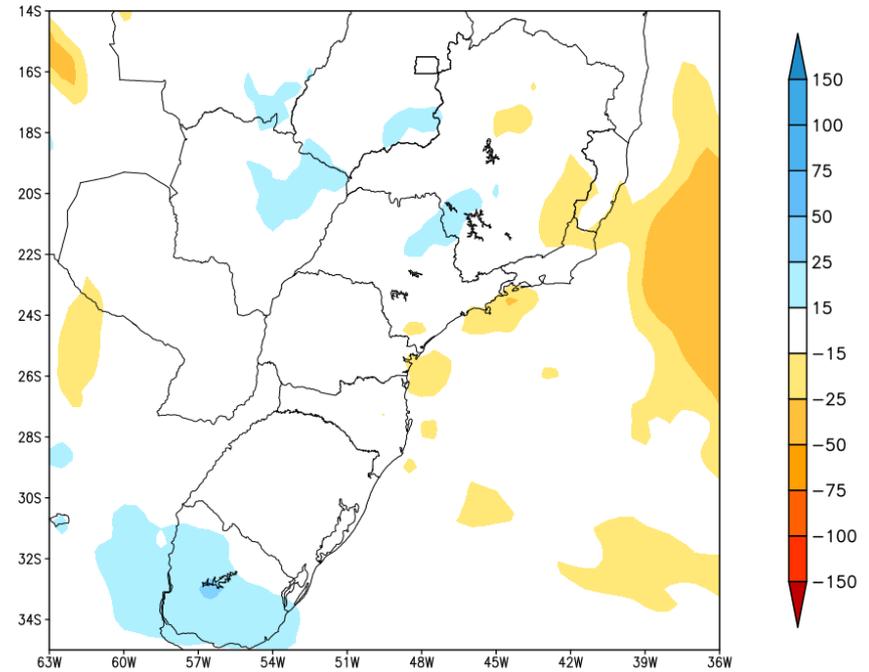


Tendência para a segunda semana

GEFS / BRASIL_SUL
Precipitacao acumulada 2aSem (mm)
Previsao das 00Z dia 19/01/2023



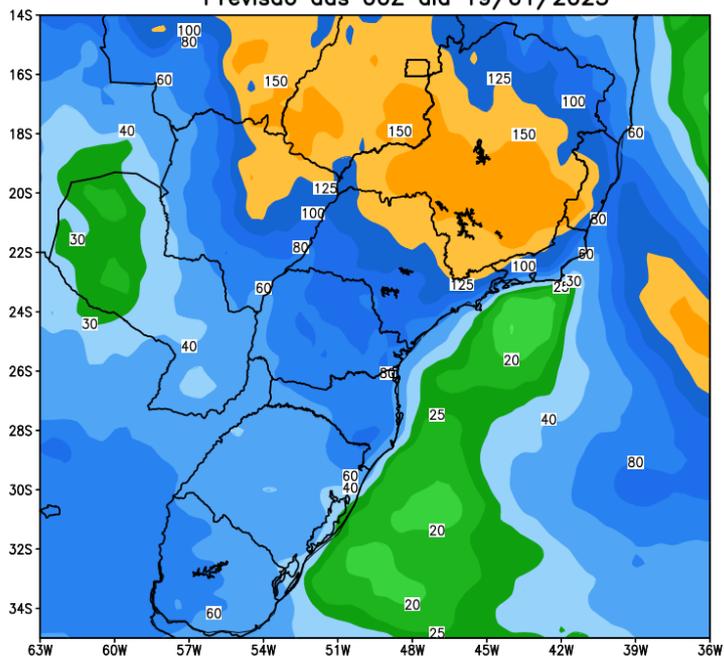
Anomalia de Precipitacao BR_SUL (mm)
Periodo: 2023012700 a 2023020200



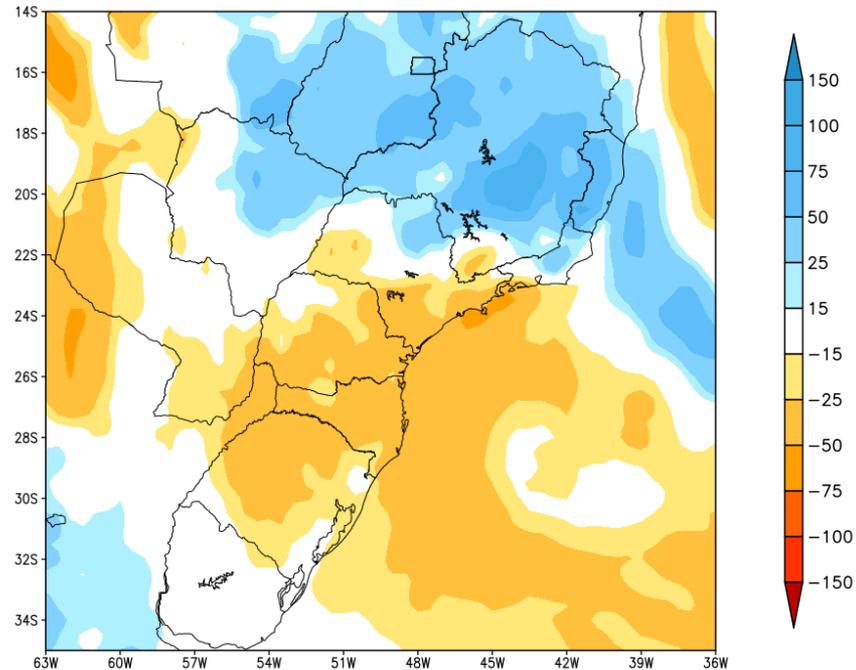
MODELO GFS

Tendência para as duas próximas semanas

GEFS / BRASIL_SUL
Precipitacao acumulada 14dias (mm)
Previsao das 00Z dia 19/01/2023



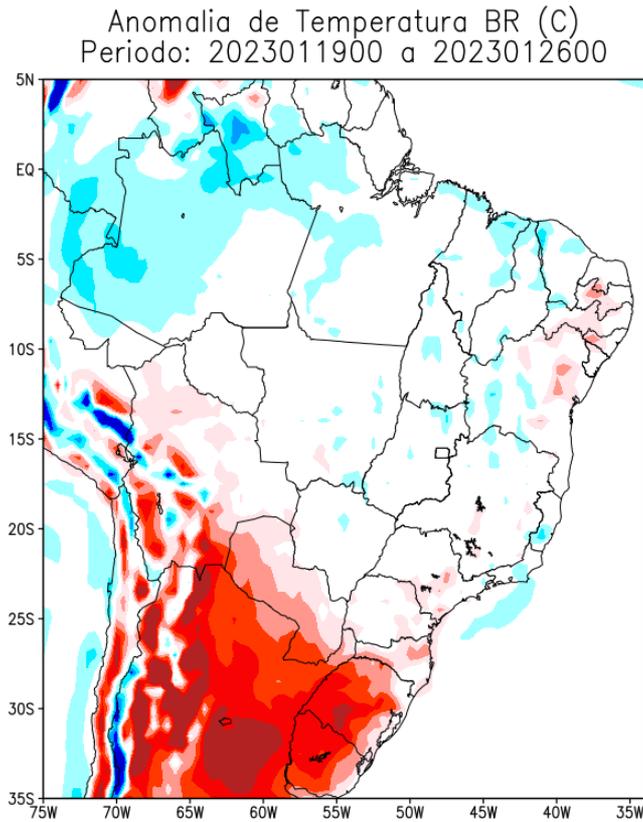
Anomalia de Precipitacao BR_SUL (mm)
Periodo: 2023011900 a 2023020200



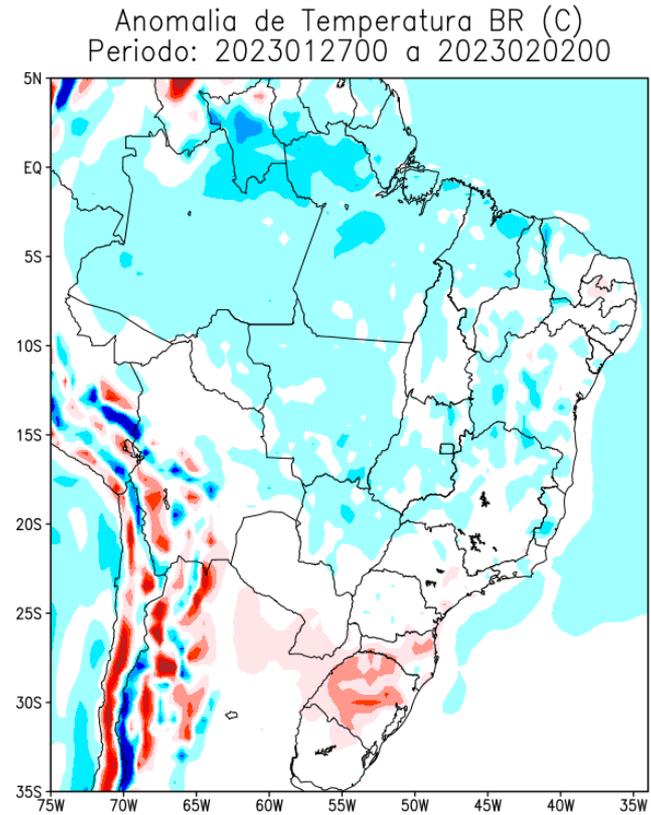
MODELO GFS

Previsão de Temperatura

1ª Semana



2ª Semana

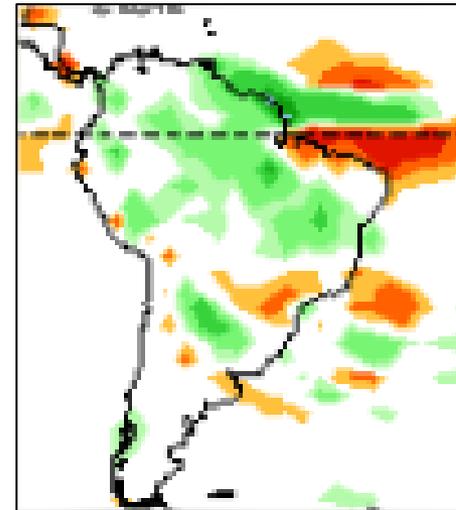
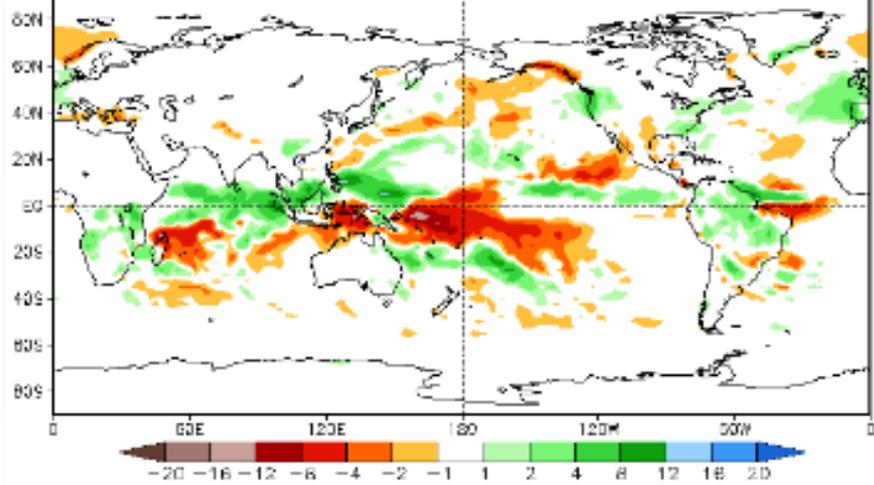


Tendência 3a e 4a semanas

16 Member Ensemble Mean Forecast from 17Jan2023

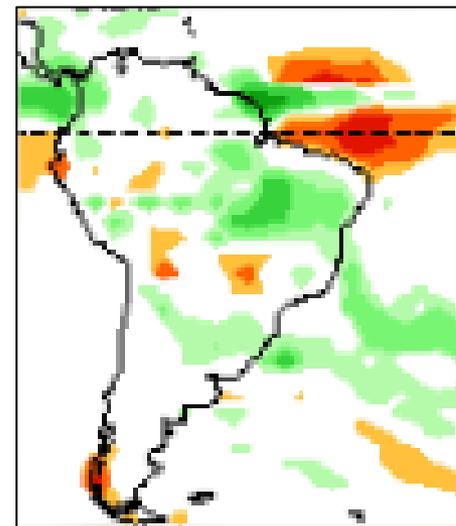
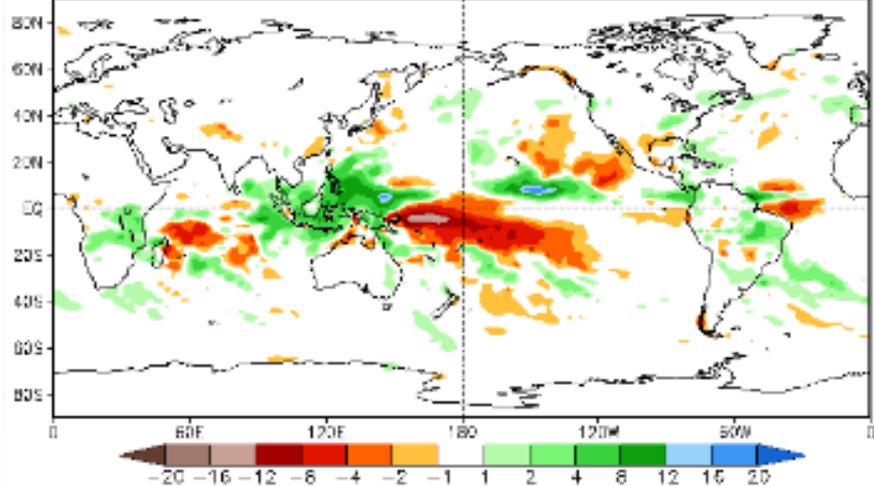
Week 3 Anomalies (mm/day)

1Feb2023-7Feb2023



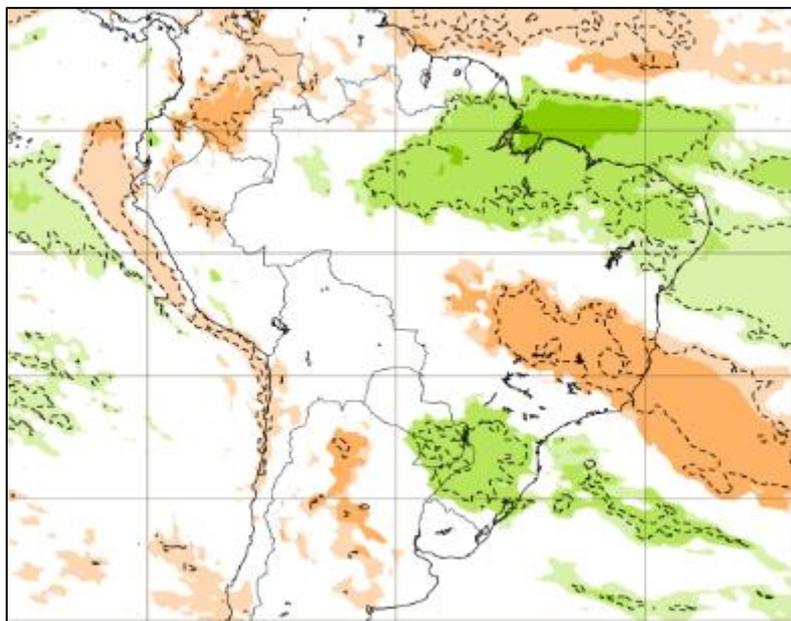
Week 4 Anomalies (mm/day)

8Feb2023-14Feb2023

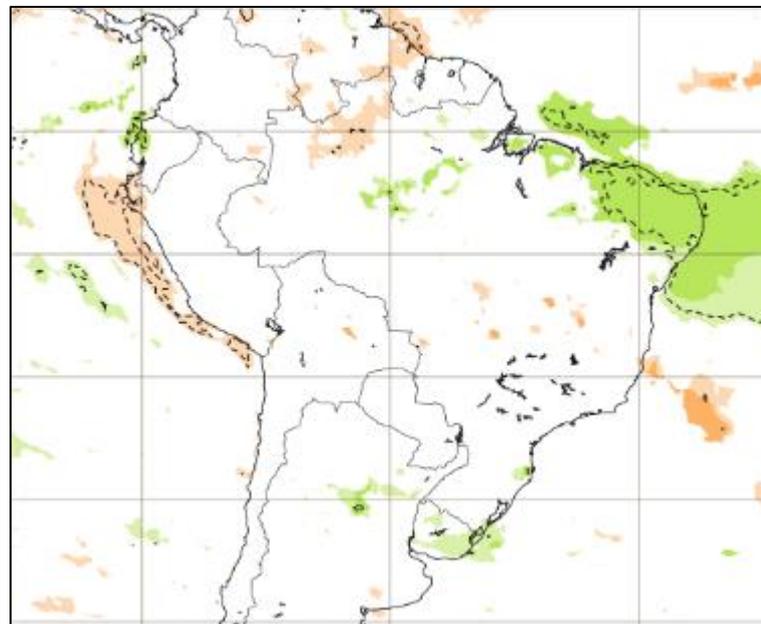


Tendência para 3ª e 4ª semanas

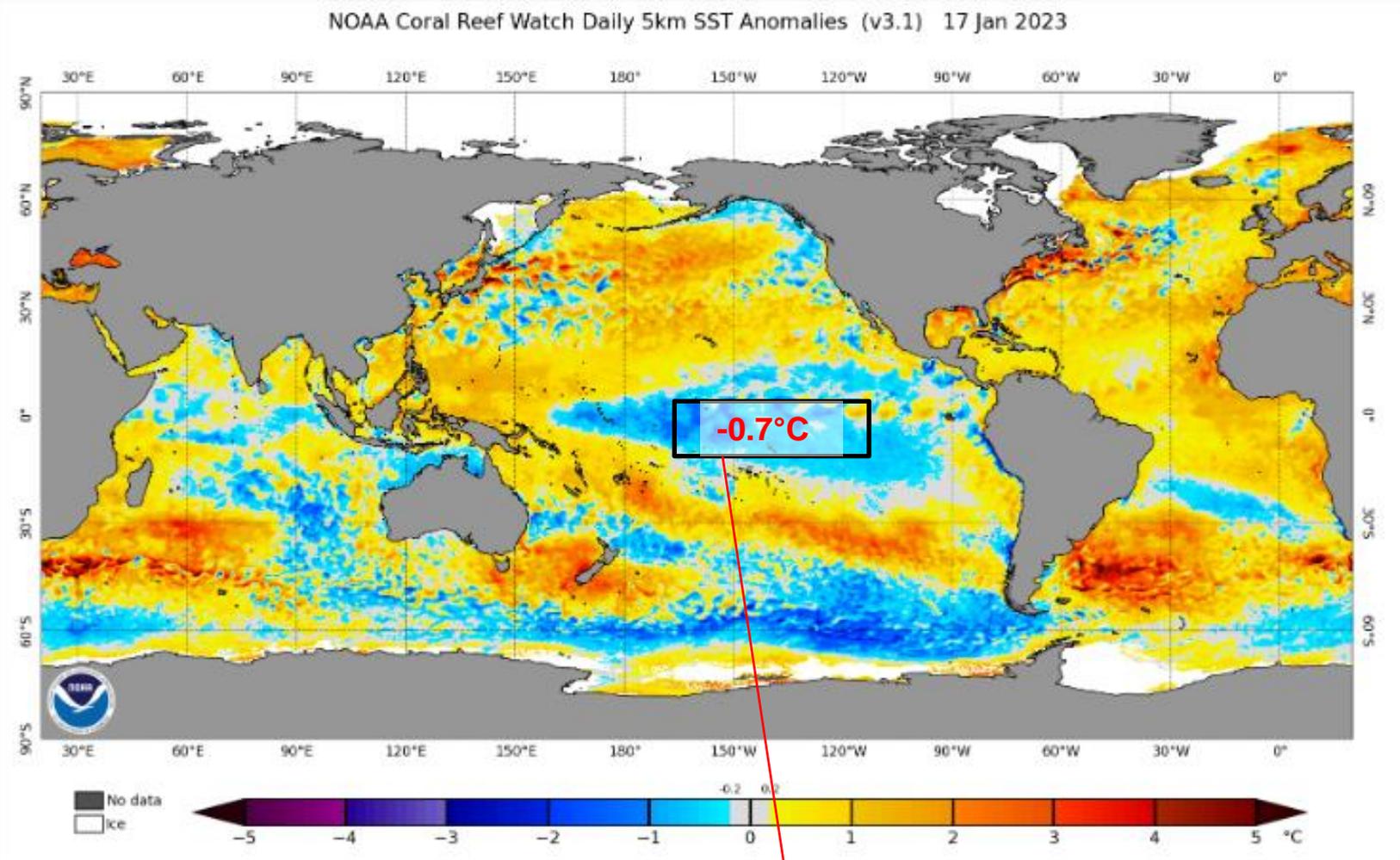
30/01-06/02



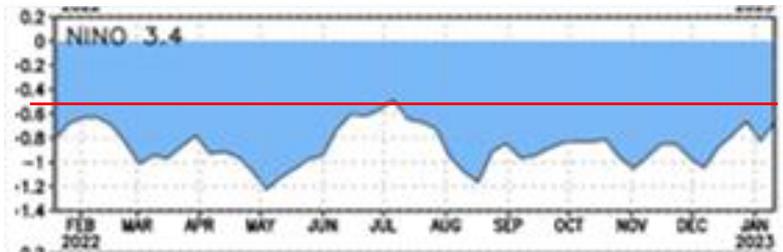
06-13/02



Status Atual: La Niña



-0.7°C

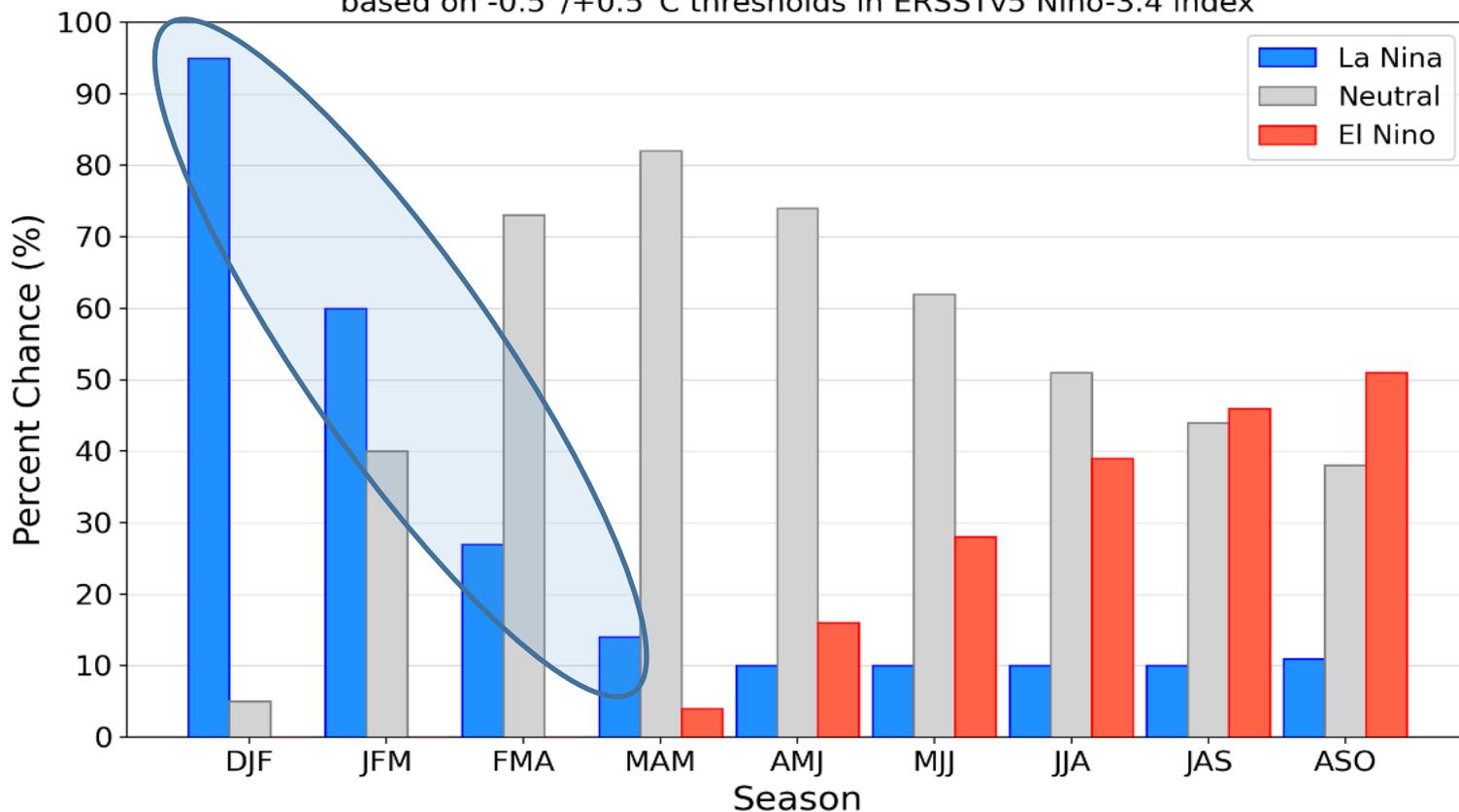


FONTE: NOAA

Previsão do “La Niña”

Official NOAA CPC ENSO Probabilities (issued Jan. 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 FMA

