

Monitoramento da situação da Região Sul

19 de Julho de 2023

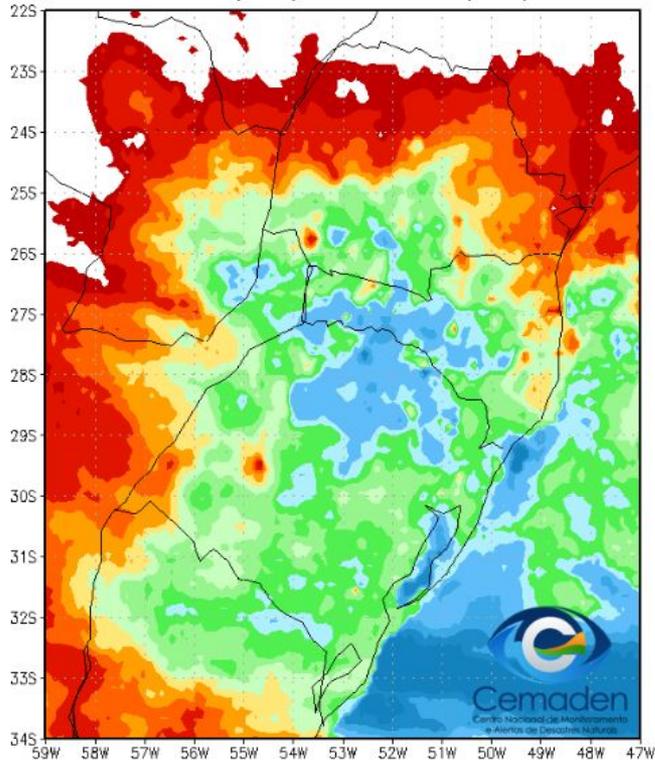


MINISTÉRIO DA
**CIÊNCIA, TECNOLOGIA
E INOVAÇÃO**

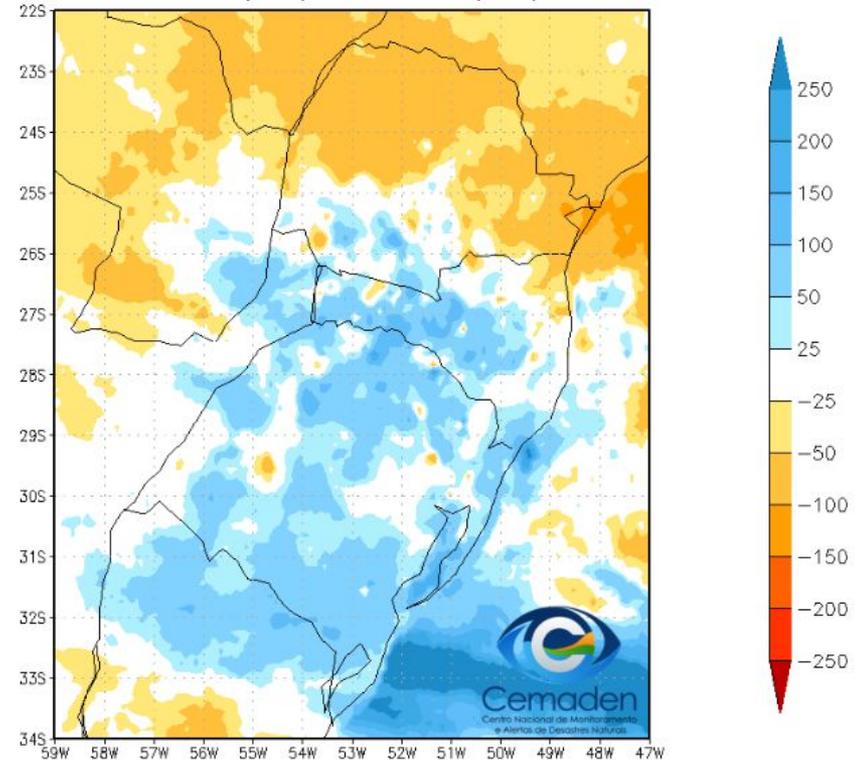


Precipitação nos últimos 30 dias

Precipitação Acumulada (mm) A.S.
Período: 17/06/2023 a 17/07/2023

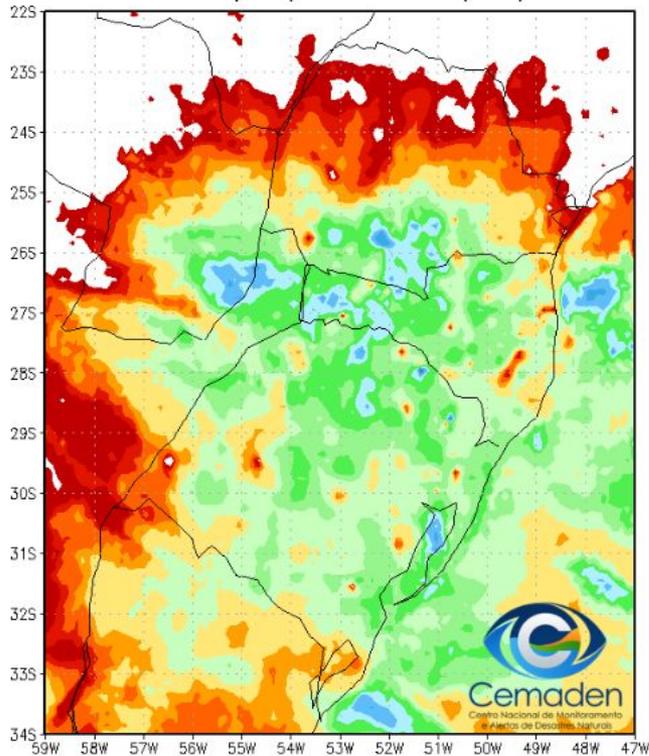


Anomalia de Precipitação (mm) A.S.
Período: 17/06/2023 a 17/07/2023

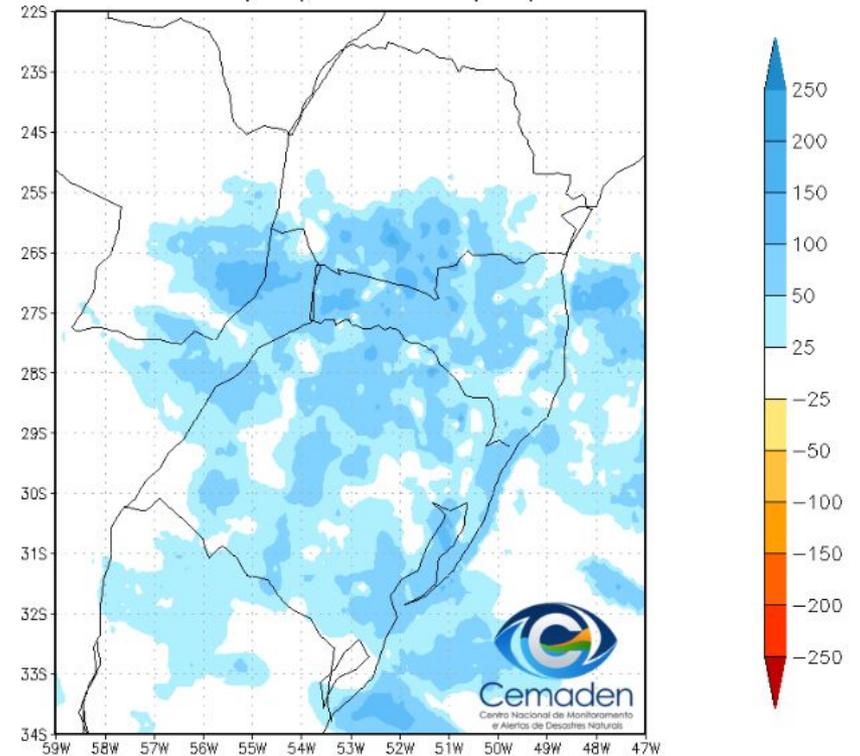


Precipitação nos últimos 7 dias

Precipitacao Acumulada (mm) A.S.
Período: 10/07/2023 a 17/07/2023

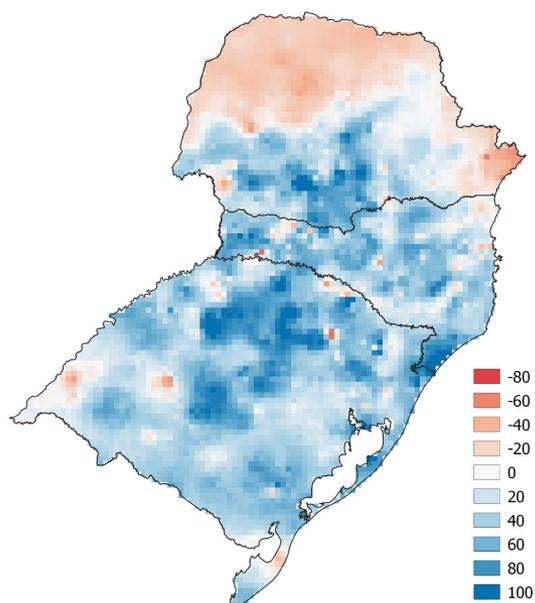


Anomalia de Precipitacao (mm) A.S.
Período: 10/07/2023 a 17/07/2023

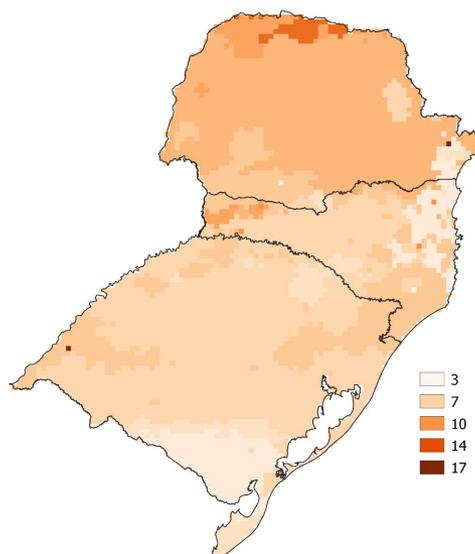


PRECIPITAÇÃO: JULHO 2023 (ATÉ 17/07)

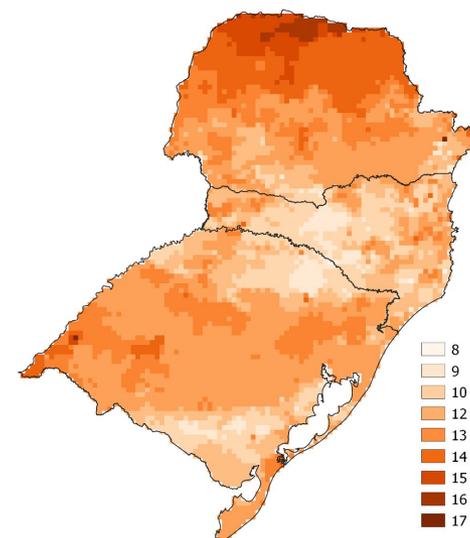
Anomalia (mm)



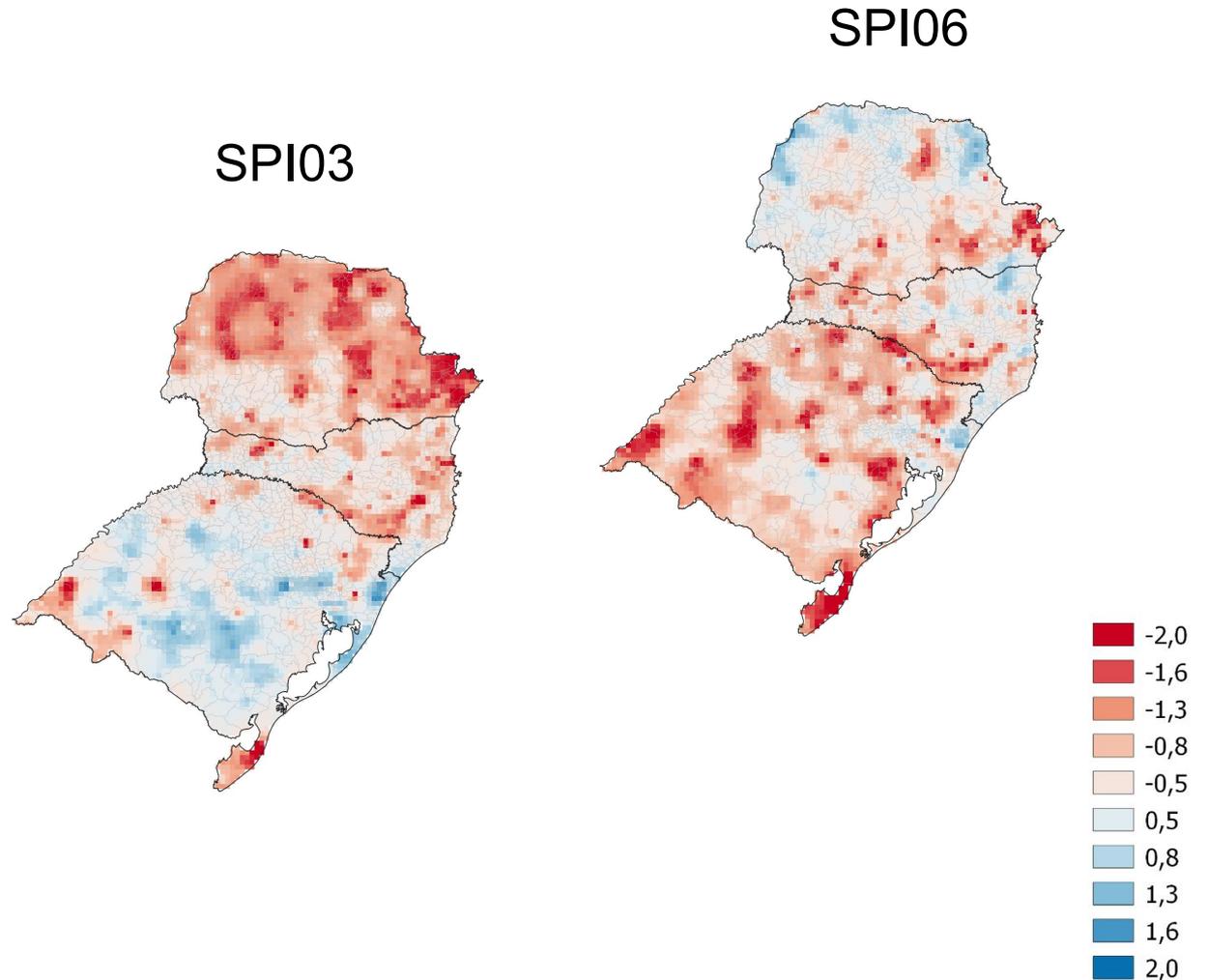
Máximo de dias consecutivos sem chuva



Total de dias sem chuva



SPI: JULHO 2023



Fonte: Precipitação observada (MERGE).

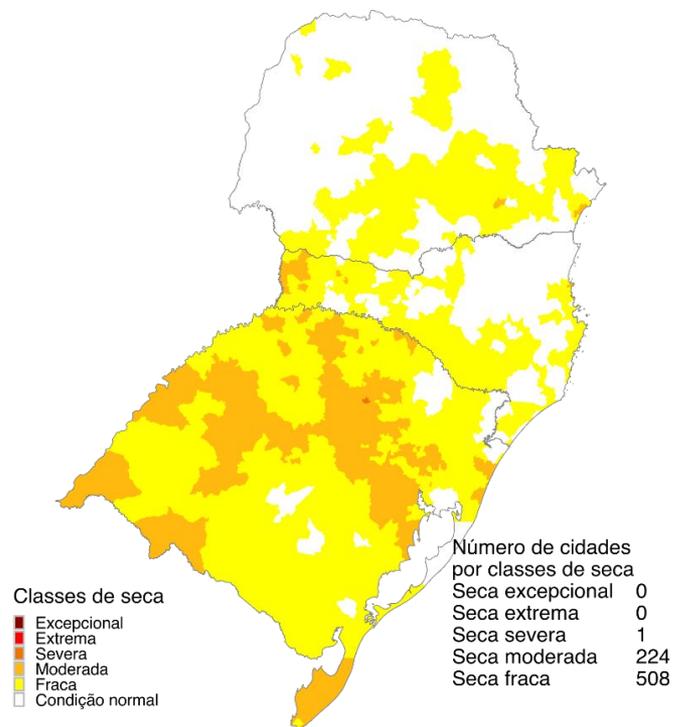
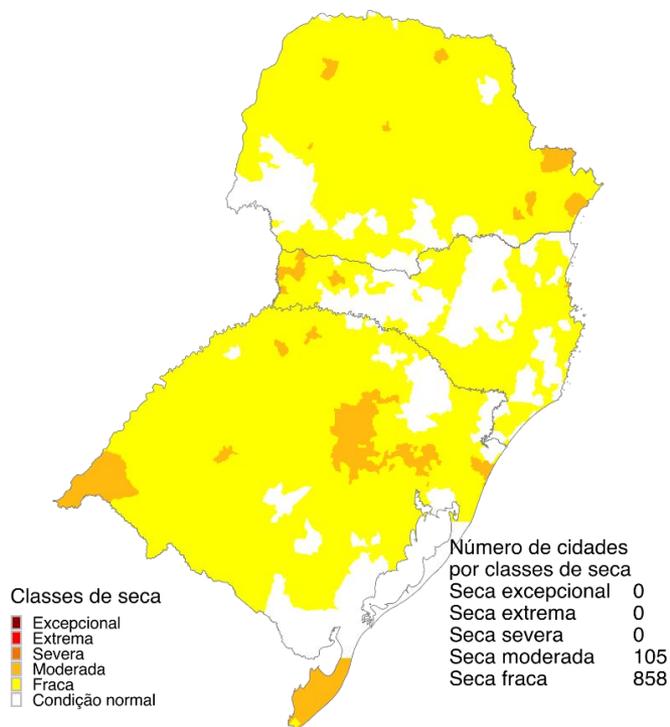
IIS3 e 6 - julho

ÍNDICE INTEGRADO DE SECA - IIS

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

IIS 3 MESES

IIS 6 MESES

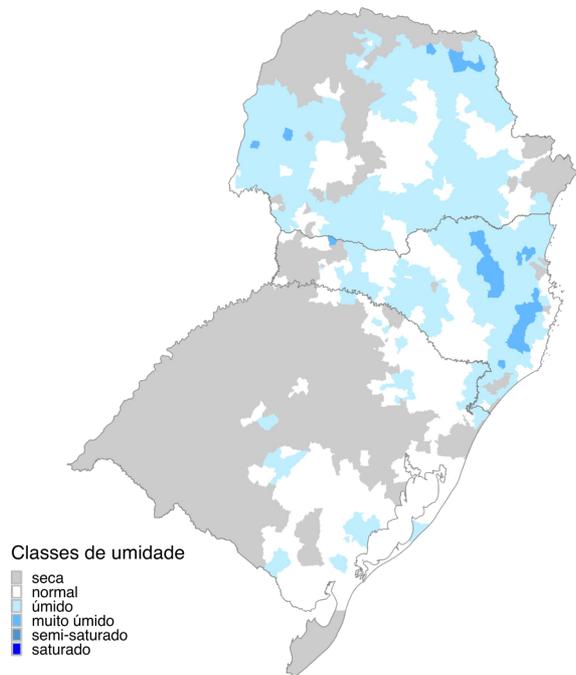


IARA (JUN, JUL E AGO)

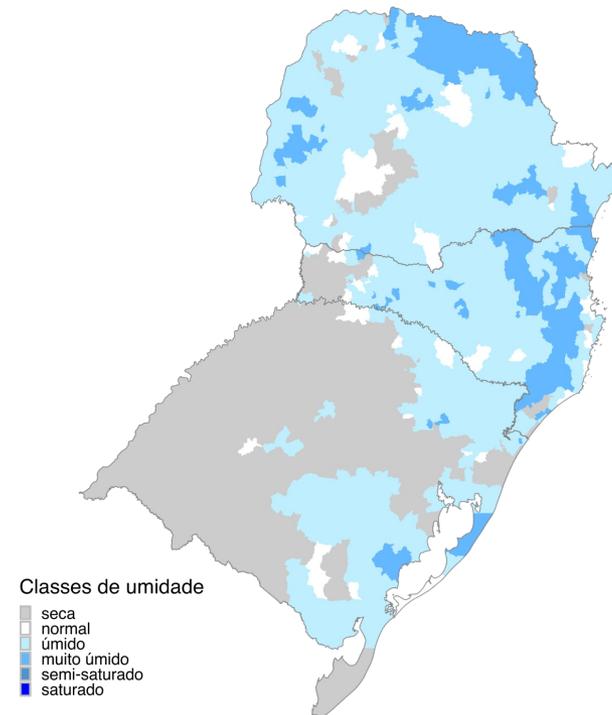
CHUVA 50% ACIMA DA MÉDIA
Cenário El Niño

**Julho/23 (até 17/07) -
escala de 1 mês**

Agosto/23



Julho 2023
Índice Agregado de Recursos de Água (IARA)
Dados: CPTEC/INPE - NOAA - NASA / Preparação: Cemaden/MCTI

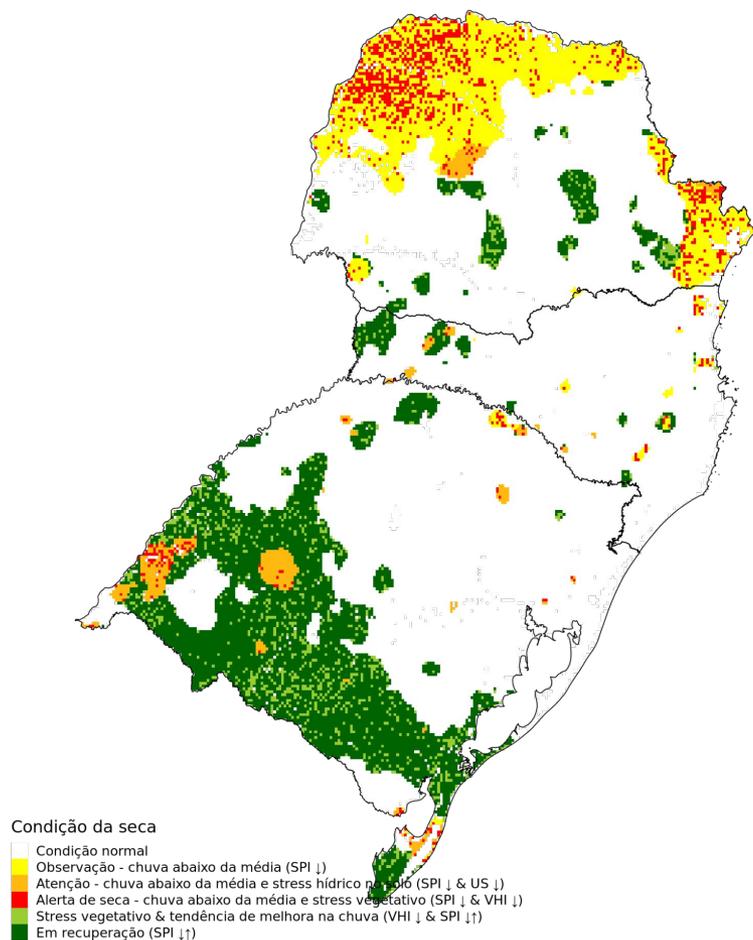


Agosto 2023
Índice Agregado de Recursos de Água (IARA)
Dados: CPTEC/INPE - NOAA - NASA / Preparação: Cemaden/MCTI

PROPAGAÇÃO DAS CONDIÇÕES DE SECA (PCS)

Julho/23 (até 17/07)

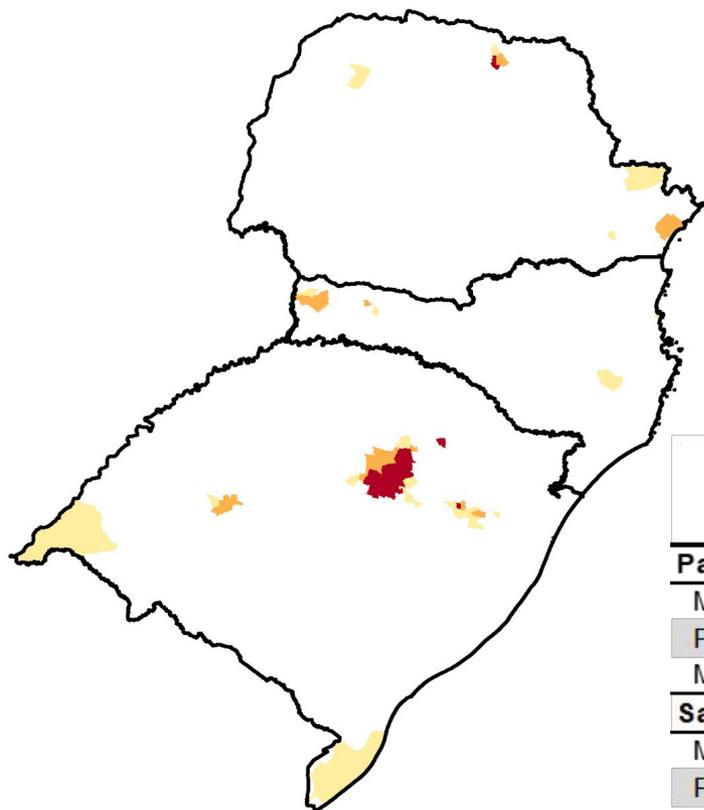
Propagação das Condições de Seca
Julho 2023



ÁREAS DE PASTAGENS E AGRÍCOLAS AFETADAS PELA SECA

JUL/23

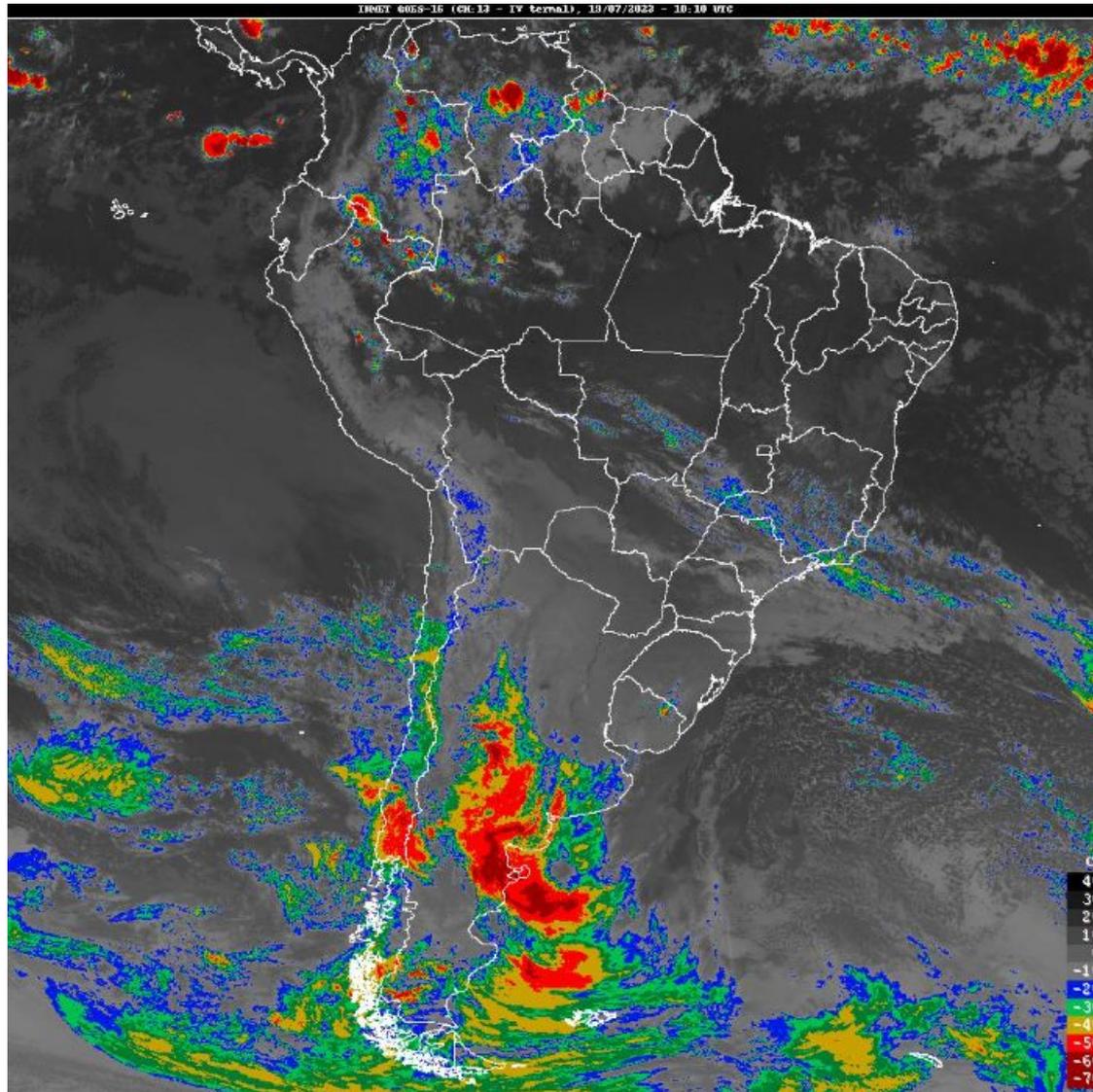
UF	40 a 60%	60 - 80%	> 80%
PR	6	3	1
RS	24	7	15
SC	4	5	



	40 a 60%	60 - 80%	> 80%	Imóveis Rurais Impactados > 40%
Paraná				
Minifundio	1055 (*)	712 (*)	193 (*)	1960 (1%)
Pequena Propriedade	847 (1%)	436 (*)	128 (*)	1411 (1%)
Media Propriedade	279 (1%)	70 (*)	30 (*)	379 (1%)
Santa Catarina				
Minifundio	3959 (2%)	5233 (2%)	-	9192 (4%)
Pequena Propriedade	894 (1%)	1402 (2%)	-	2296(3%)
Media Propriedade	83 (1%)	38 (*)	-	121 (1%)
Rio Grande do Sul				
Minifundio	10063 (3%)	4260 (1%)	8688 (2%)	23011 (6%)
Pequena Propriedade	830 (2%)	1589 (1%)	3620 (3%)	8315 (6%)
Media Propriedade	3106 (3%)	354 (1%)	273 (1%)	1457 (6%)

(*) Porcentagem inferior a 1%.

Situação meteorológica atual

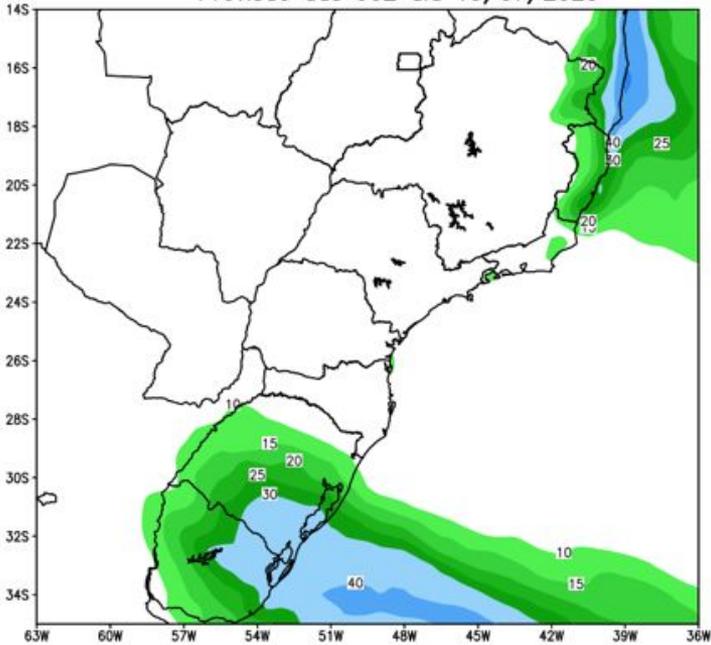


Fonte: INMET

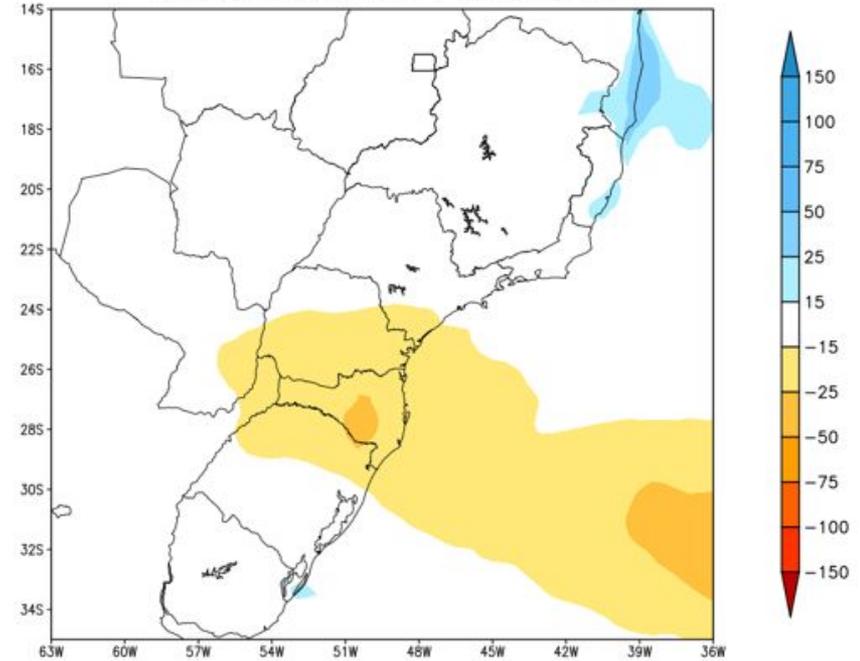


Previsão de chuva próximos 7 dias

GEFS / BRASIL_SUL
Precipitacao acumulada 1aSem (mm)
Previsao das 00Z dia 19/07/2023



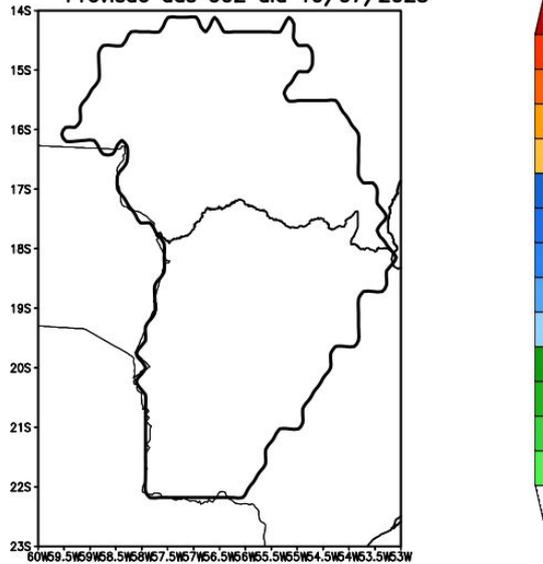
Anomalia de Precipitacao BR_SUL (mm)
Periodo: 2023071900 a 2023072600



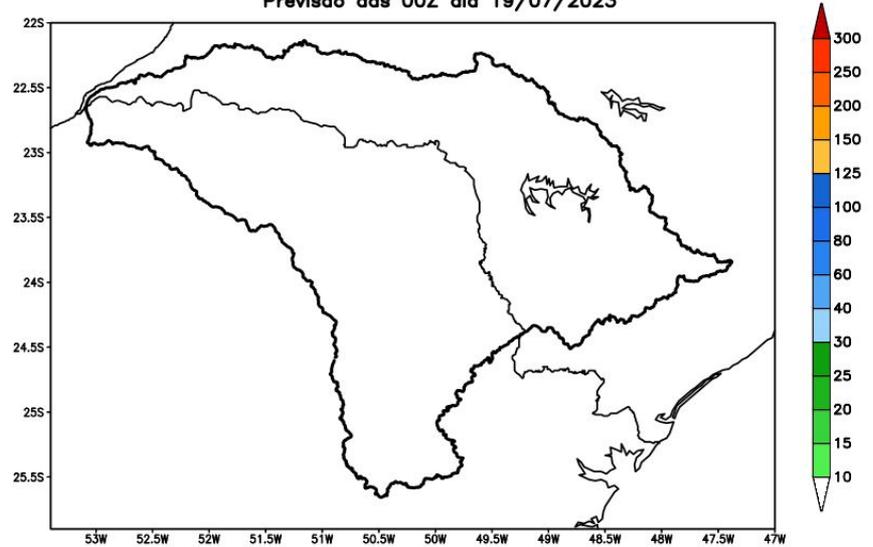
MODELO GFS

Previsão para as principais bacias

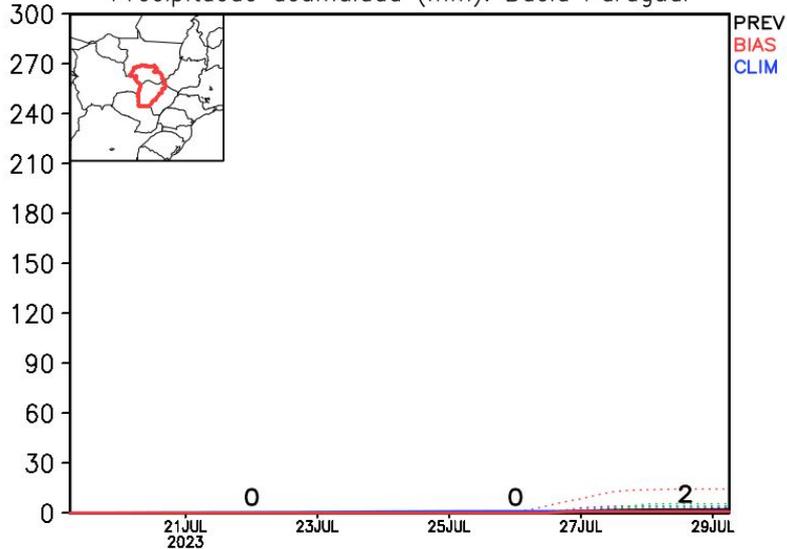
GEFS_BC / Bacia do Rio Paraguai
Prec. acumulada com correcao de vies em 7 dias (mm)
Previsao das 00Z dia 19/07/2023



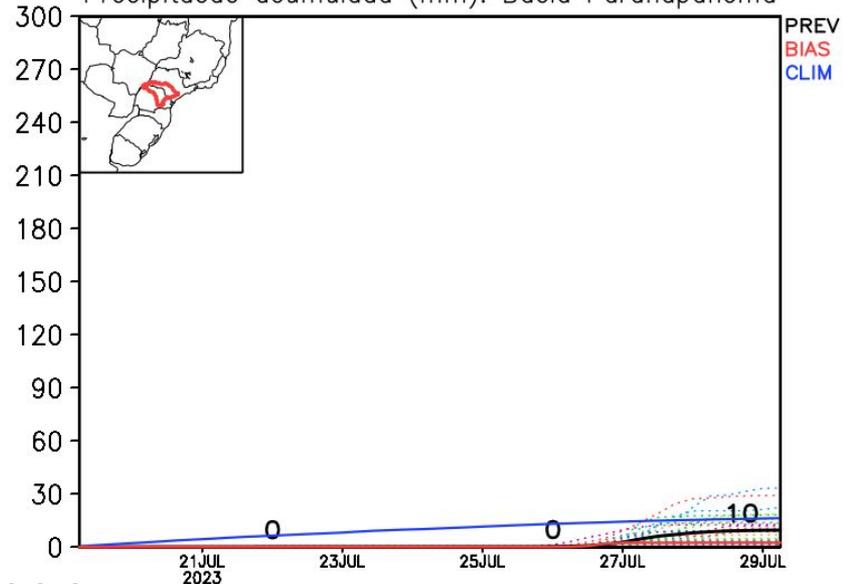
GEFS_BC / Bacia do Rio Paranapanema
Prec. acumulada com correcao de vies em 7 dias (mm)
Previsao das 00Z dia 19/07/2023



Precipitacao acumulada (mm): Bacia Paraguai

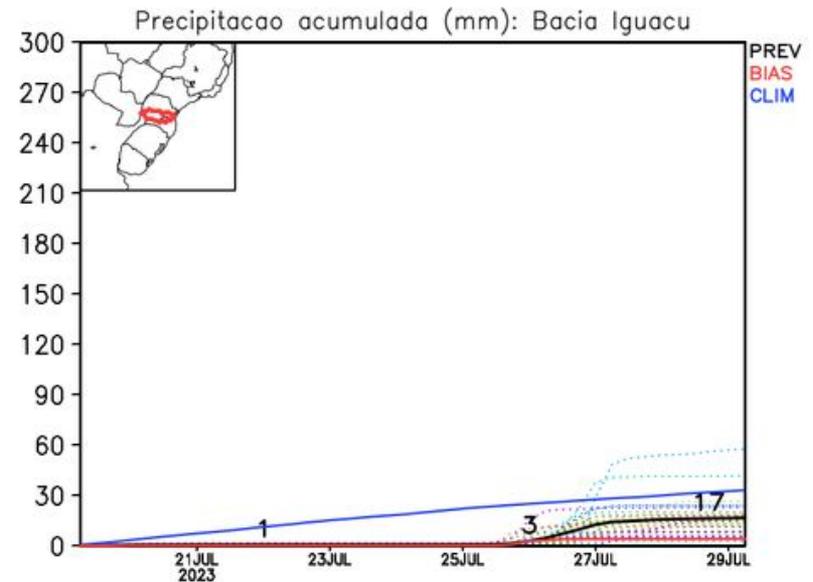
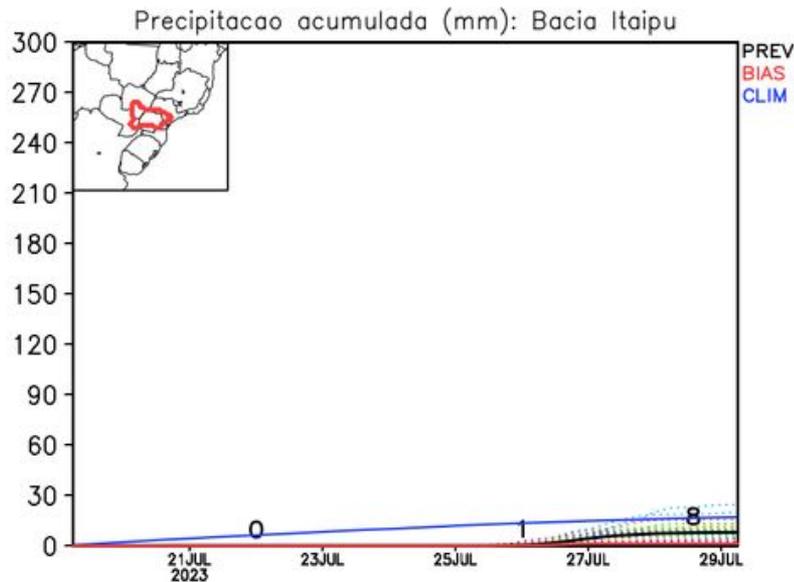
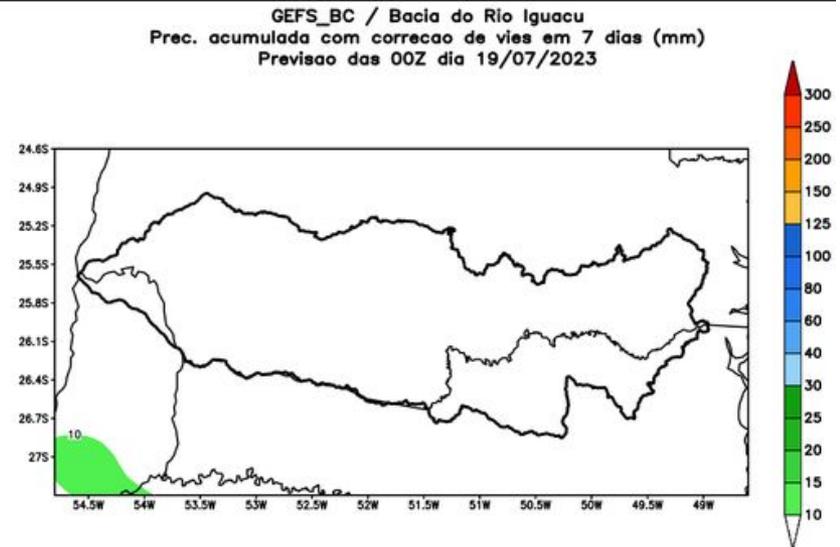
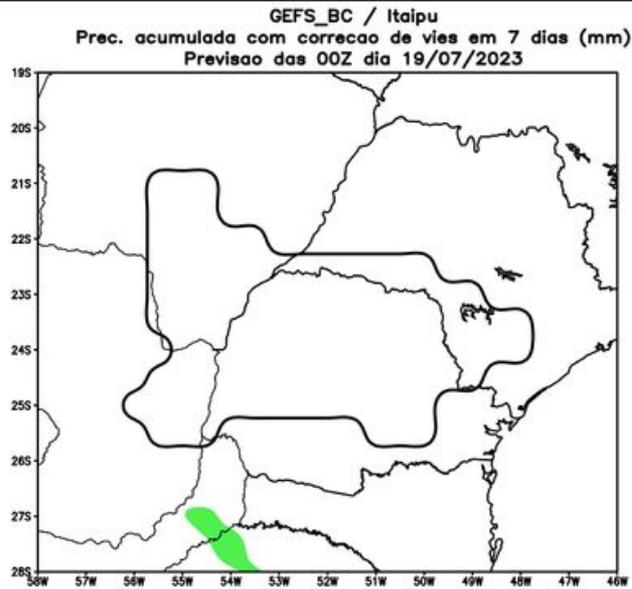


Precipitacao acumulada (mm): Bacia Paranapanema

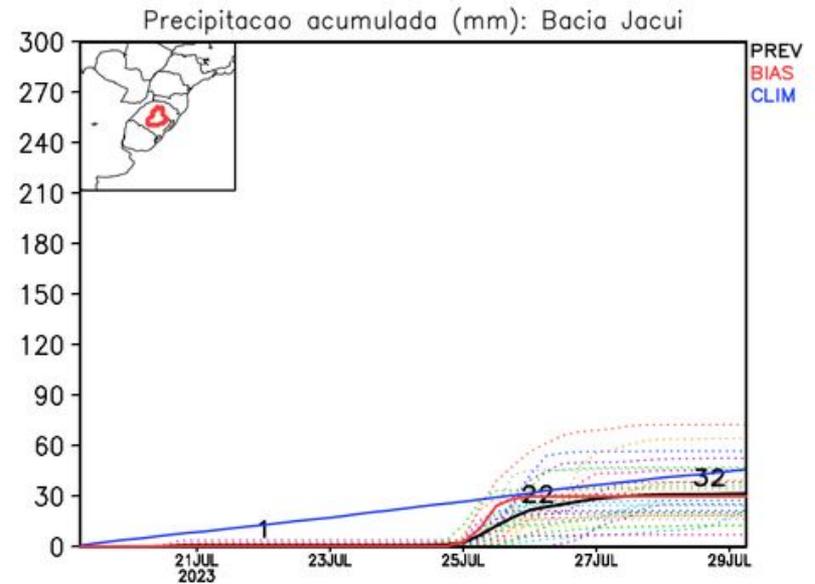
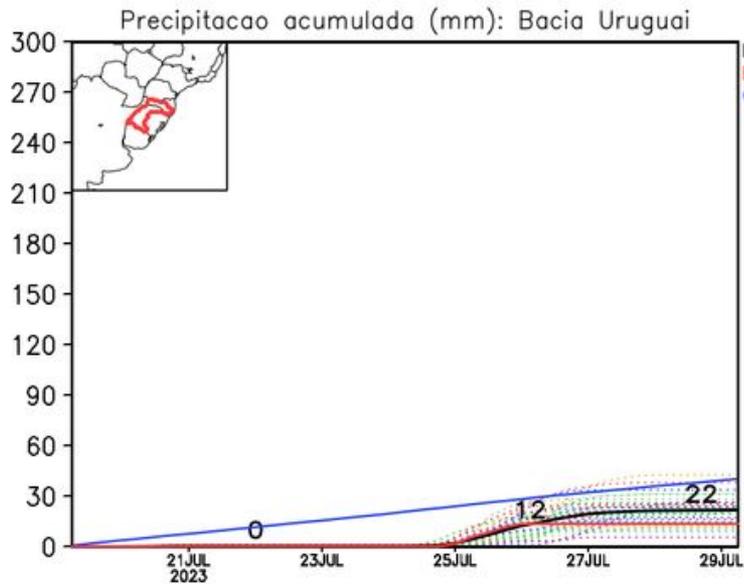
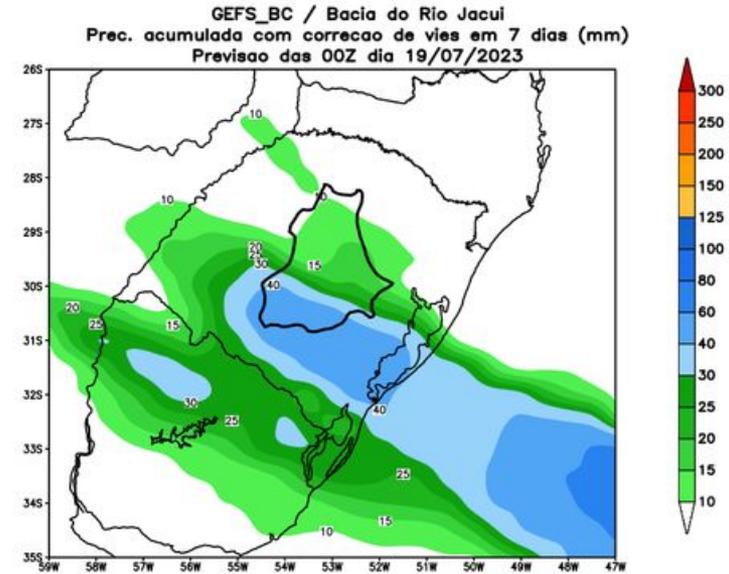
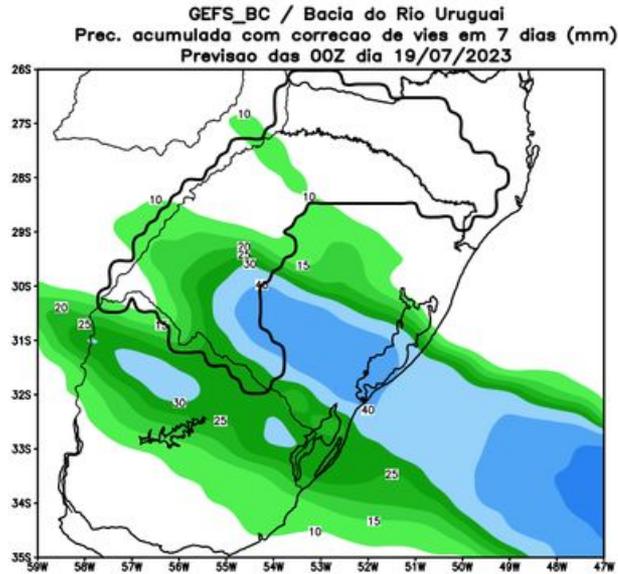


MODELO GFS

Previsão para as principais bacias

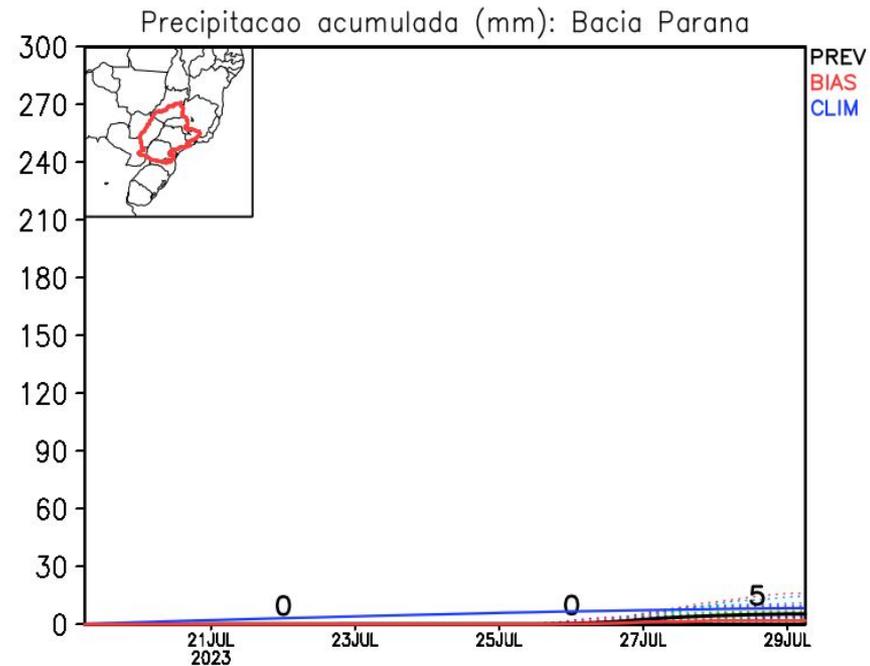
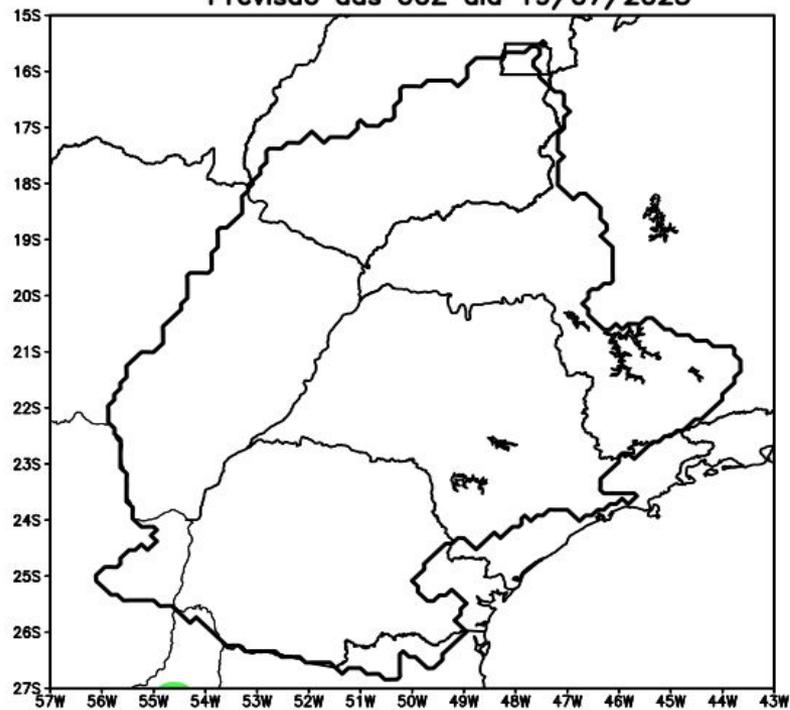


Previsão para as principais bacias



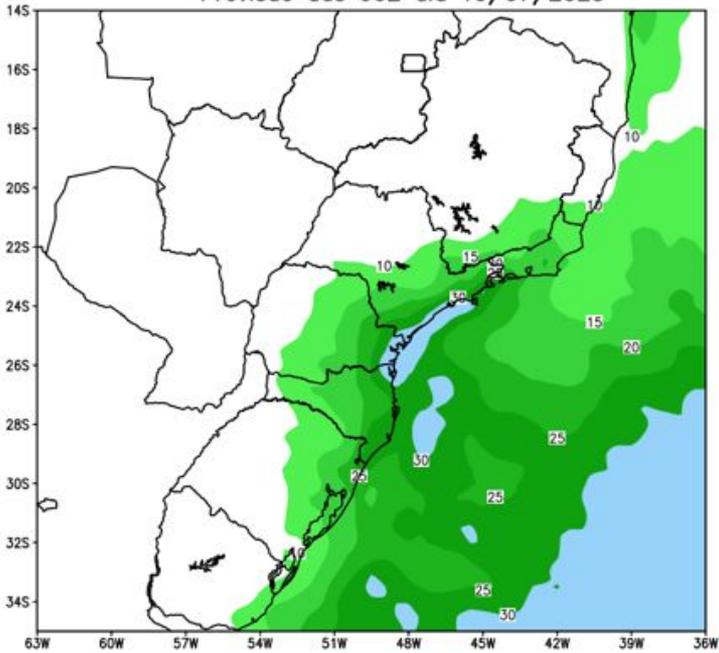
Previsão para as principais bacias

GEFS_BC / Bacia do Parana
Prec. acumulada com correcao de vies em 7 dias (mm)
Previsao das 00Z dia 19/07/2023

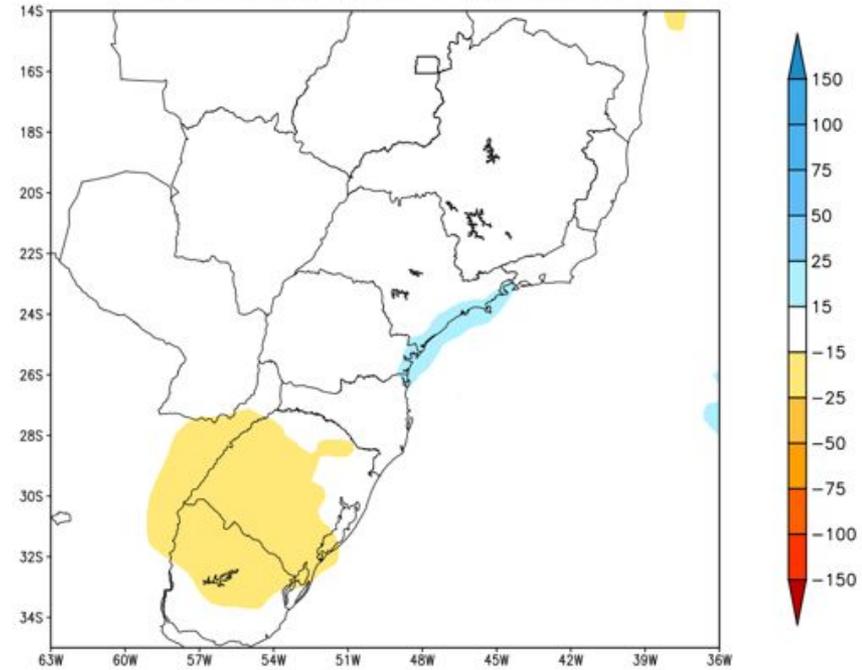


Tendência para a segunda semana

GEFS / BRASIL_SUL
Precipitacao acumulada 2aSem (mm)
Previsao das 00Z dia 19/07/2023



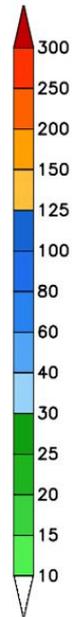
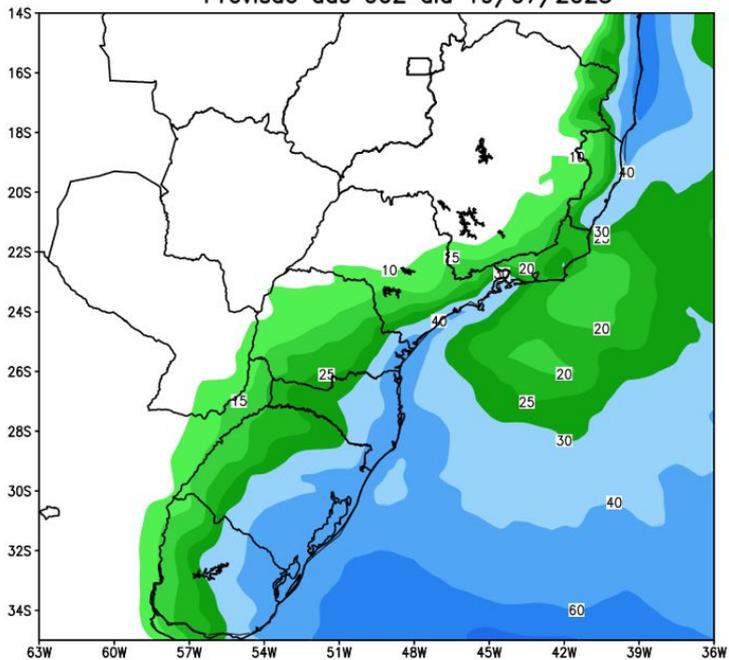
Anomalia de Precipitacao BR_SUL (mm)
Periodo: 2023072700 a 2023080200



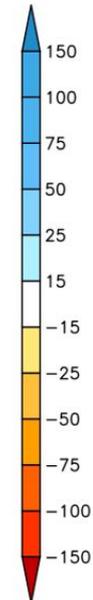
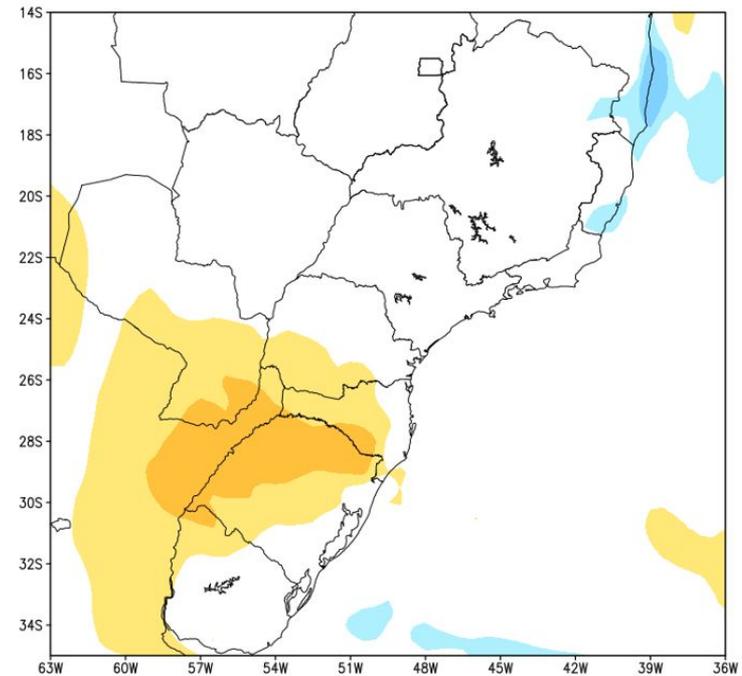
MODELO GFS

Tendência para as duas próximas semanas

GEFS / BRASIL_SUL
Precipitacao acumulada 14dias (mm)
Previsao das 00Z dia 19/07/2023



Anomalia de Precipitacao BR SUL (mm)
Periodo: 2023071900 a 2023080200

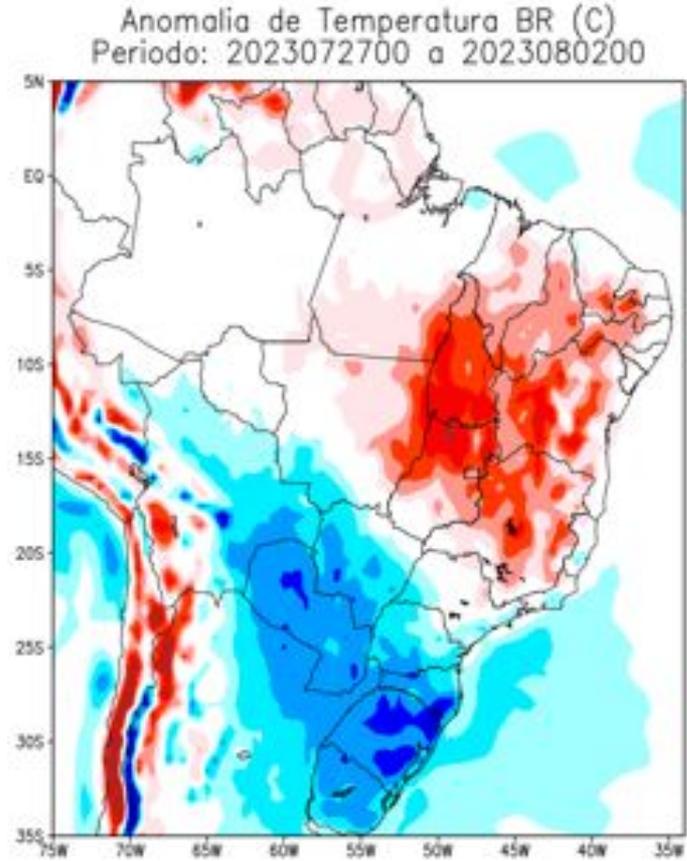
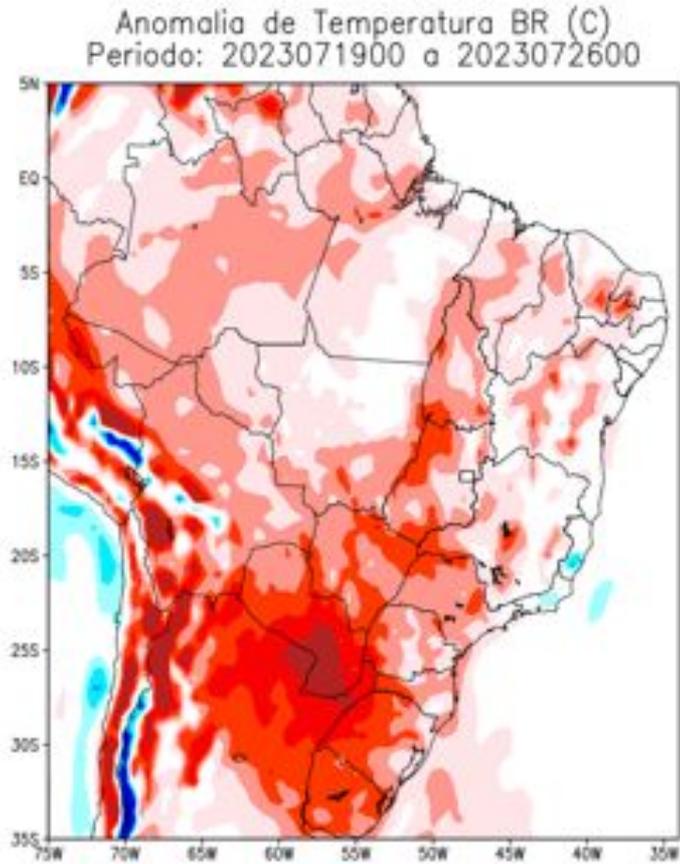


MODELO GFS

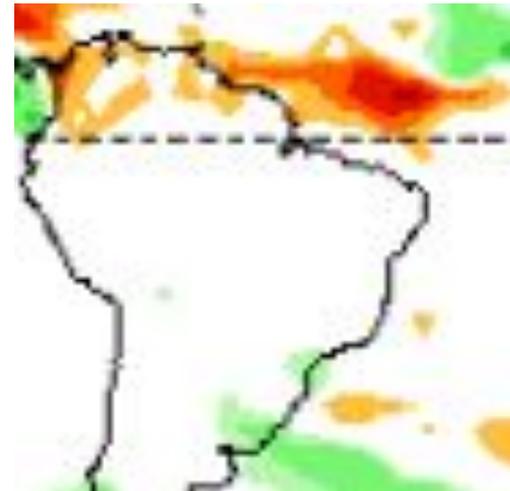
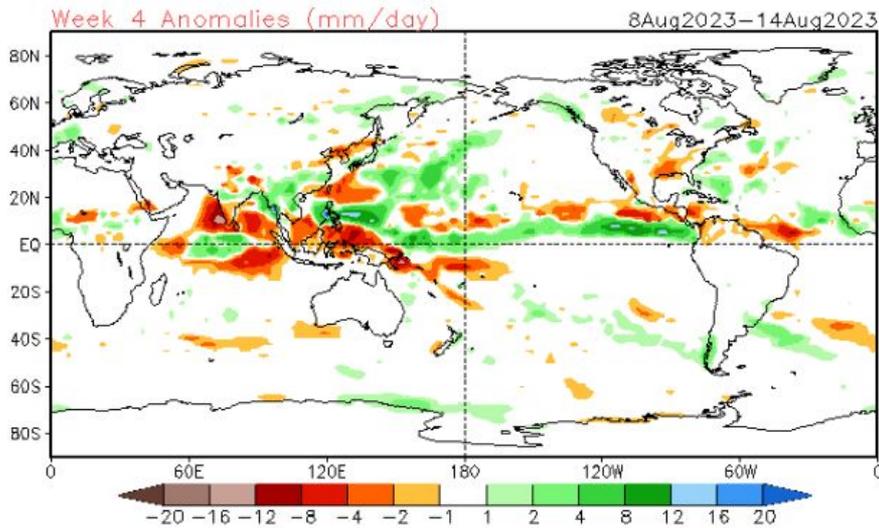
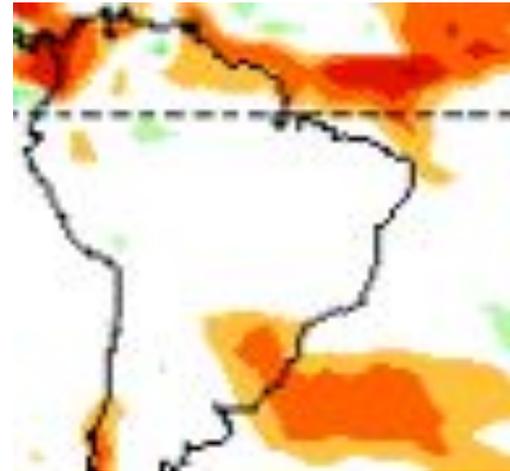
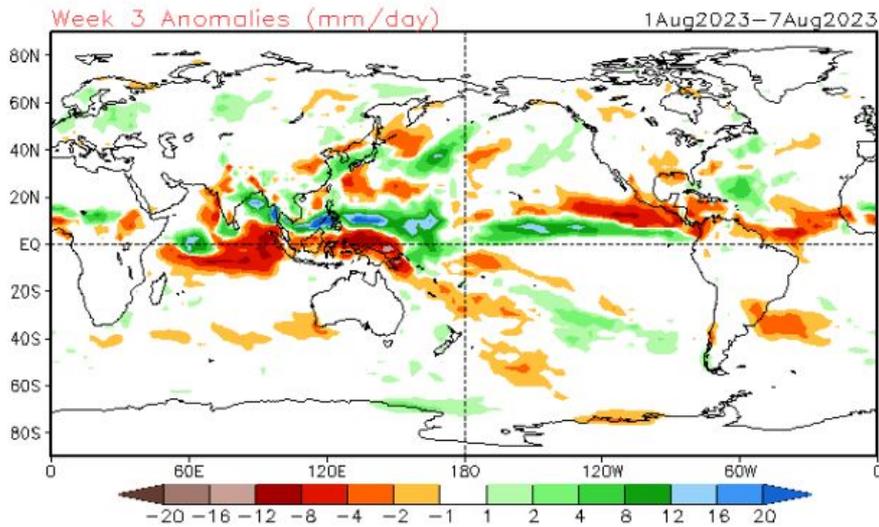
Previsão de Temperatura

1ª Semana

2ª Semana

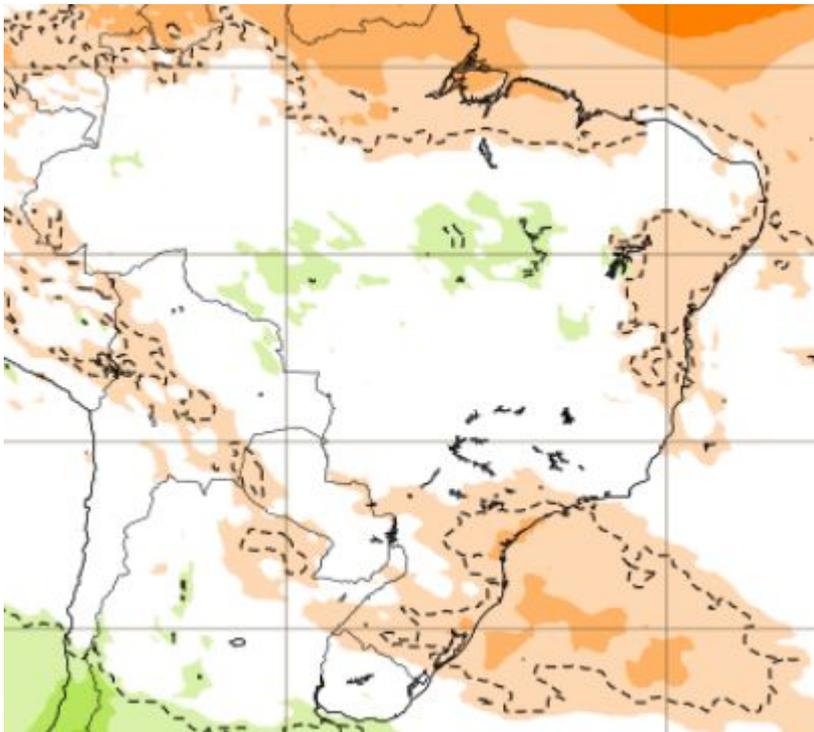


Tendência 3a e 4a semanas

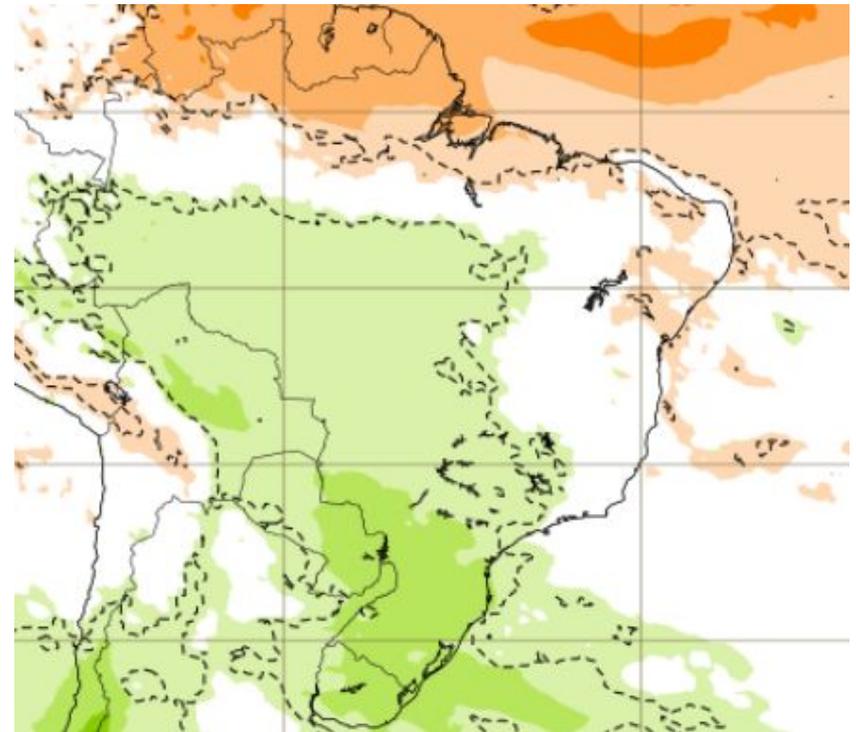


Tendência para 3ª e 4ª semanas

31/07-06/08

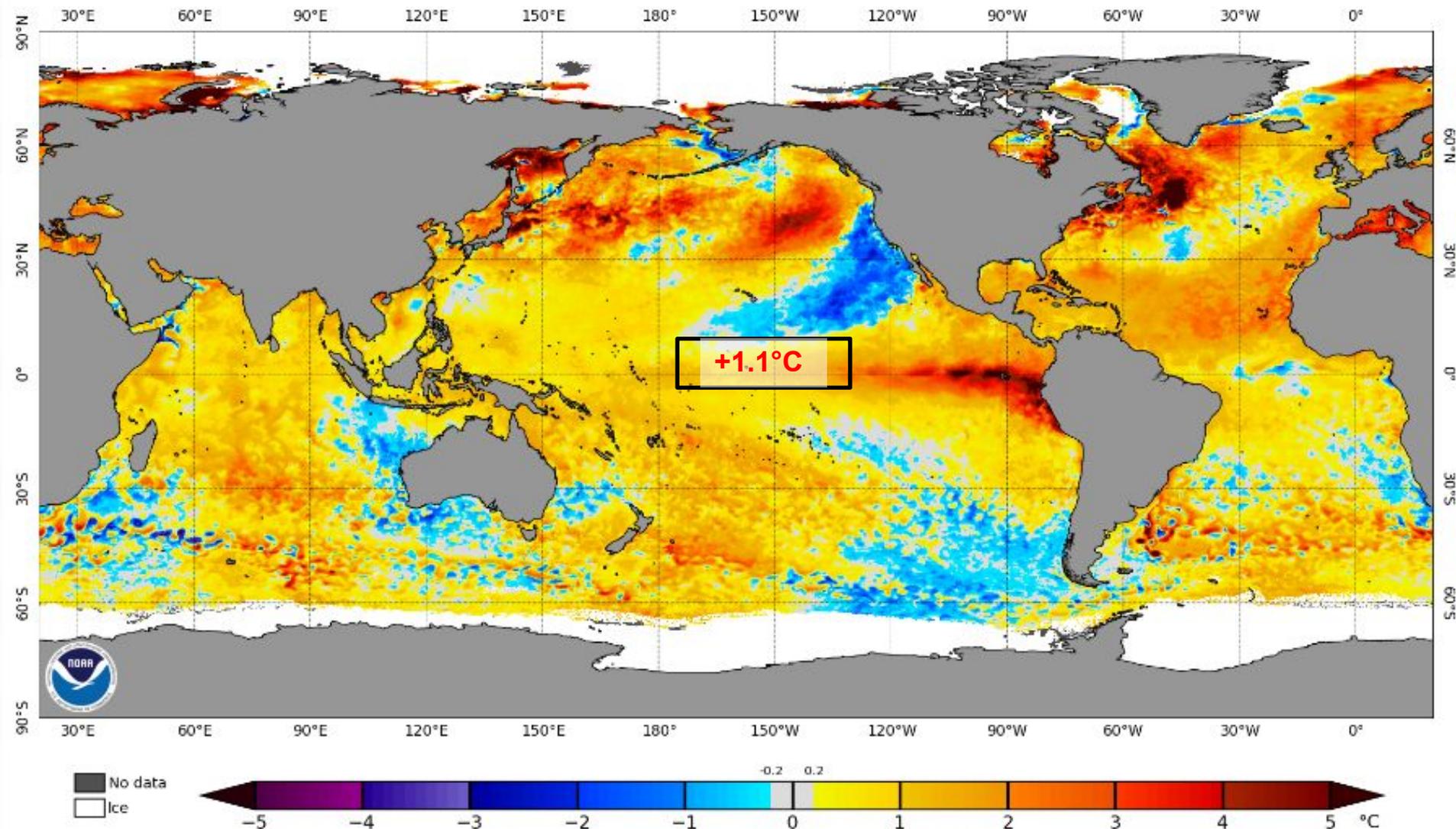


07-13/08

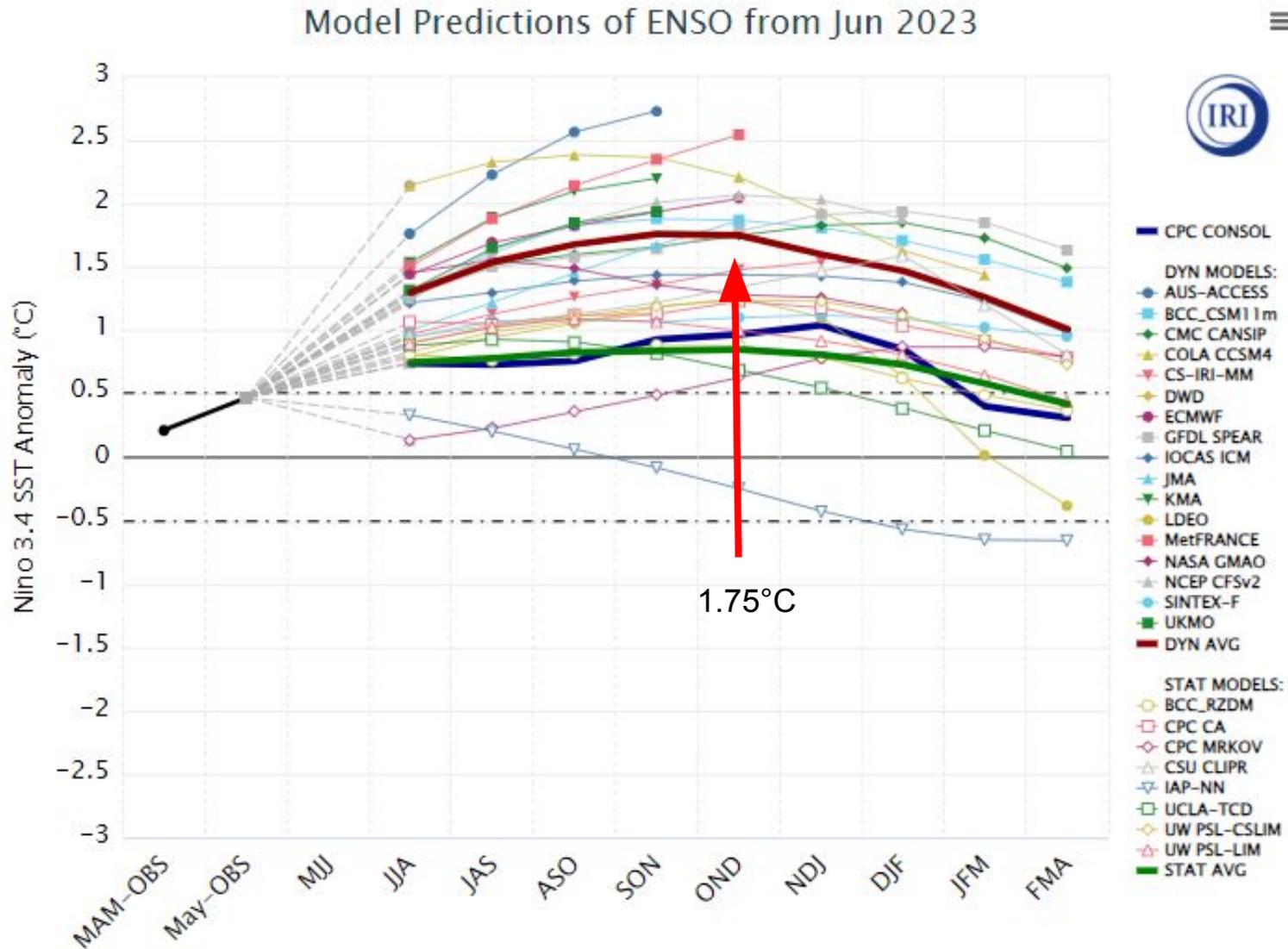


Status Atual: **El Niño**

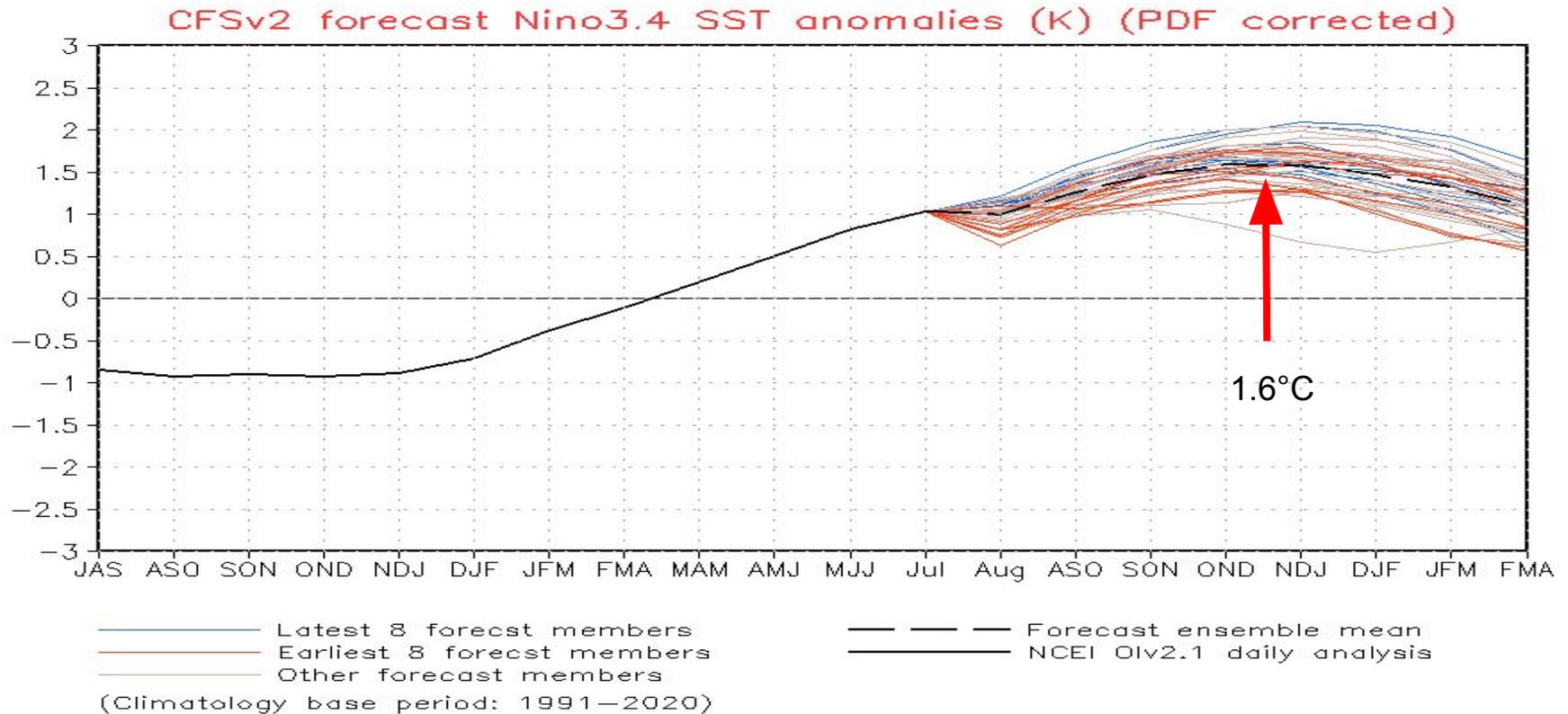
NOAA Coral Reef Watch Daily 5km SST Anomalies (v3.1) 16 Jul 2023



Previsão do “ENSO”

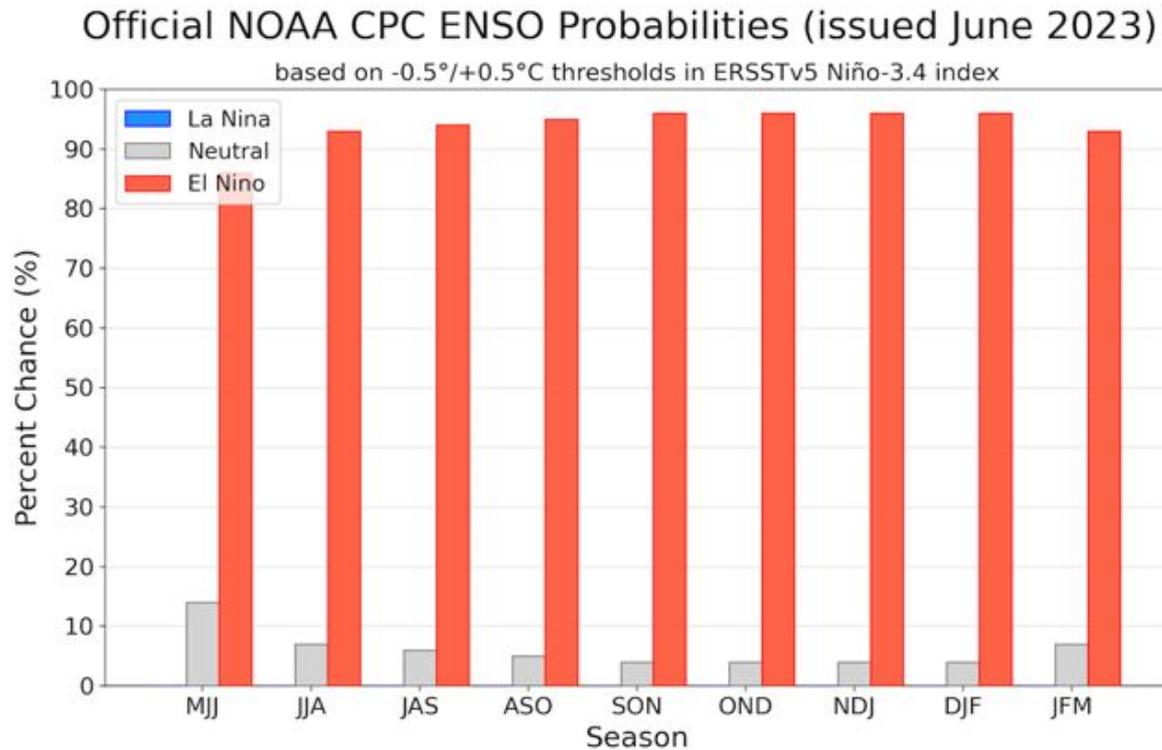


Previsão do “ENSO”



Atualizado: 17 de julho 2023

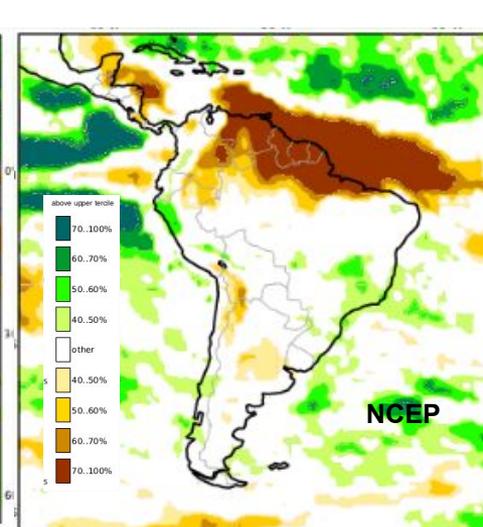
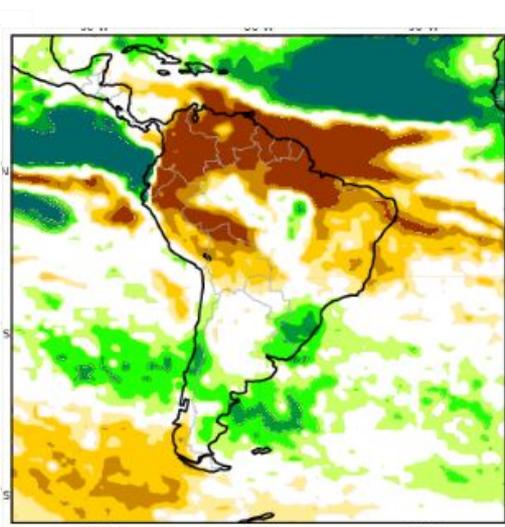
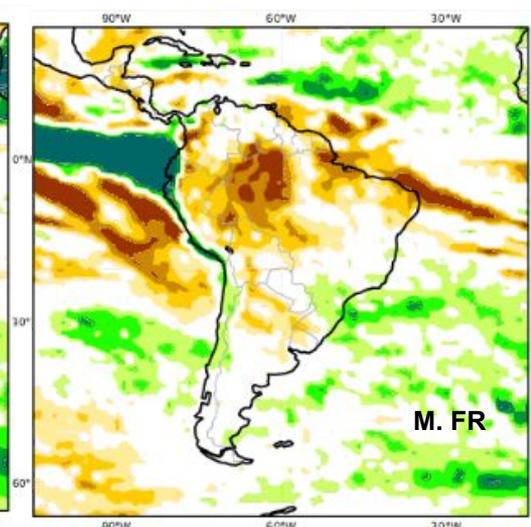
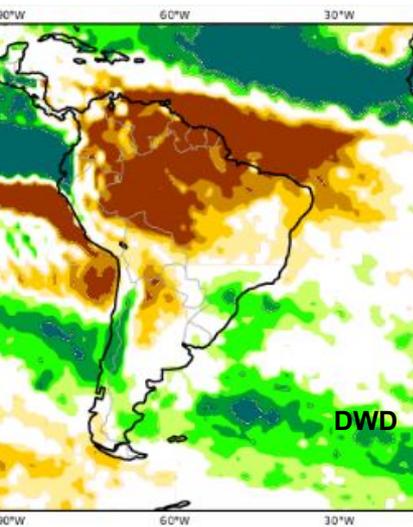
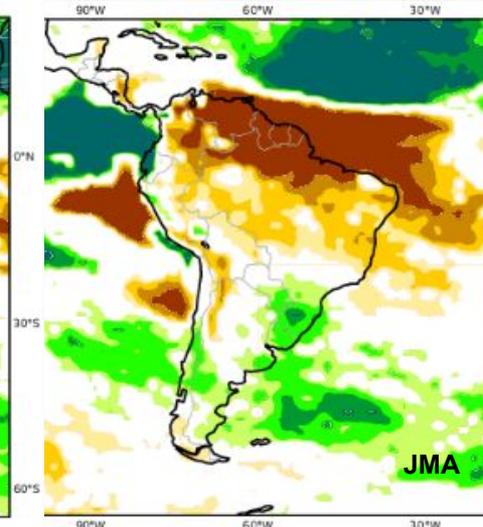
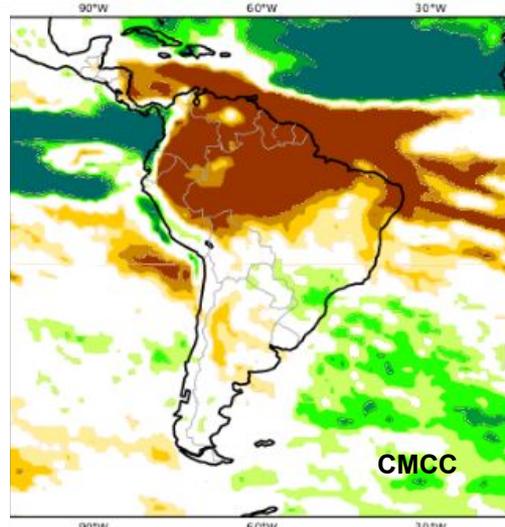
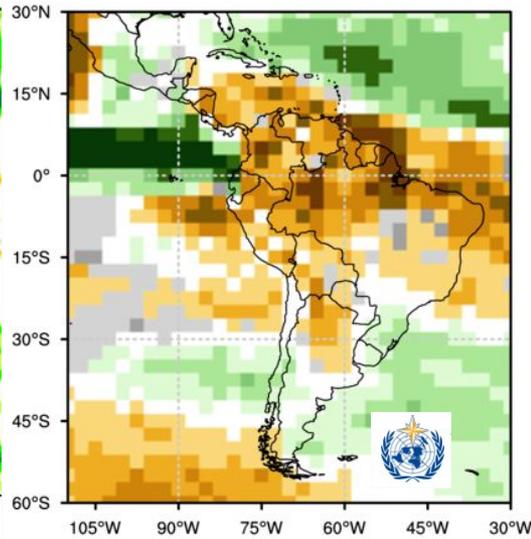
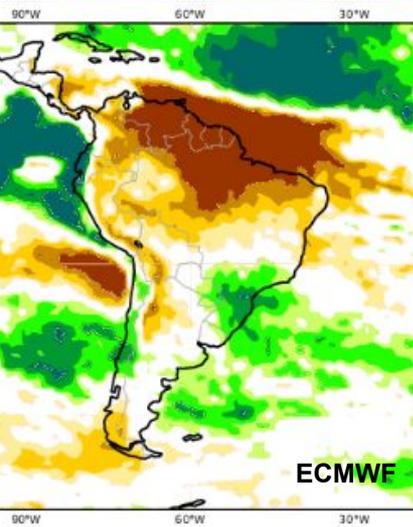
Previsão do “ENSO”



Status Atual: **El Niño**

FONTE: NOAA

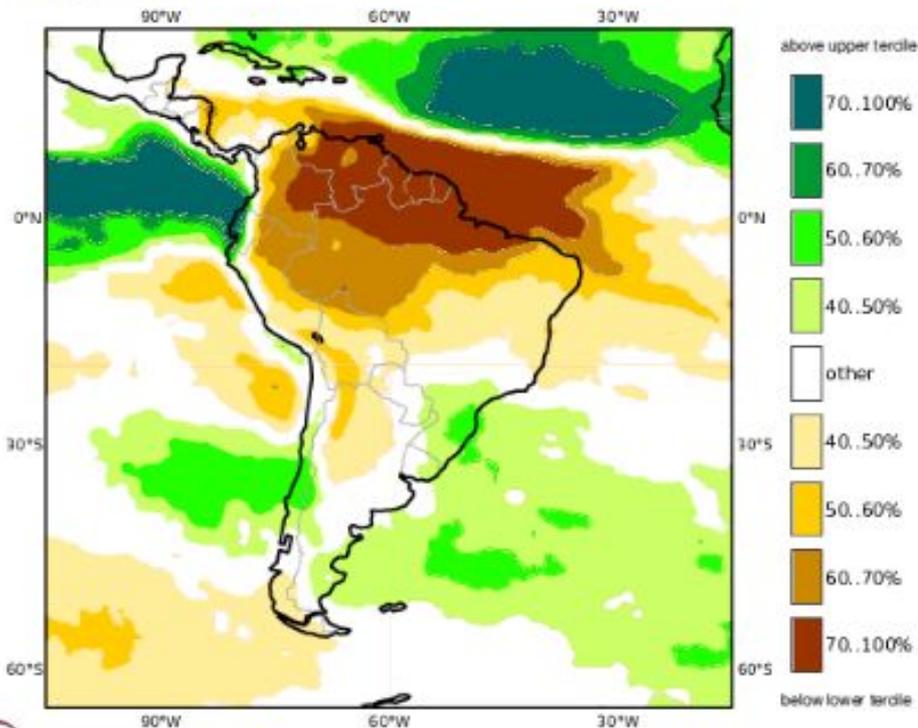
Previsão sazonal de Chuva ASO



Previsão Multi Modelo ASO

C3S multi-system seasonal forecast
 Prob(most likely category of precipitation)
 Nominal forecast start: 01/07/23
 Unweighted mean

ASO 2023



NMME Precipitation Anomalies (mm/day)

Aug2023–Oct2023 July2023 initial conditions

