

Sala de Crise da Região Sul

23 de Agosto de 2023

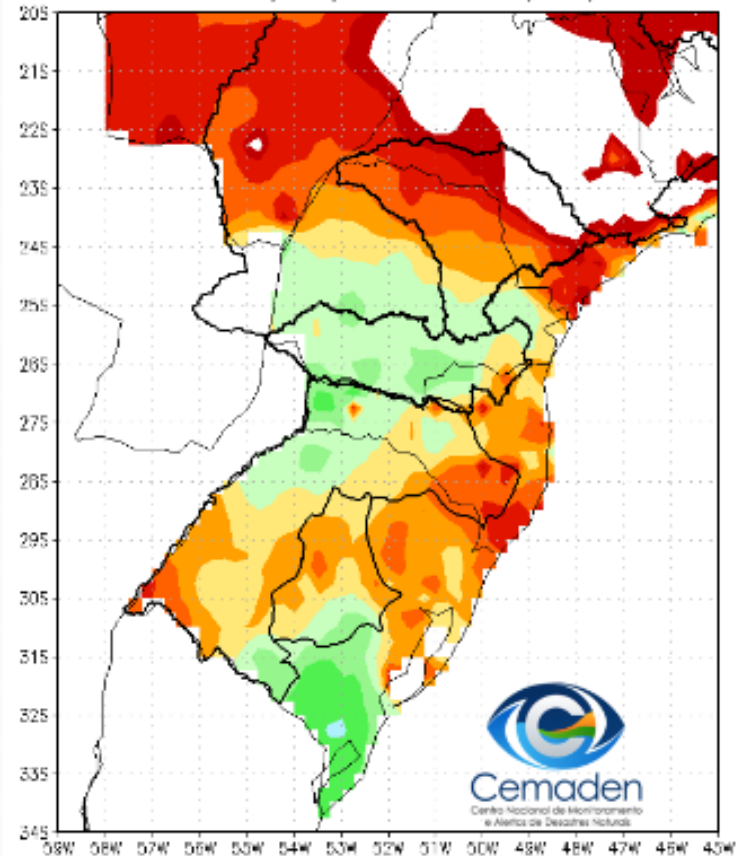


MINISTÉRIO DA
CIÊNCIA, TECNOLOGIA
E INOVAÇÃO

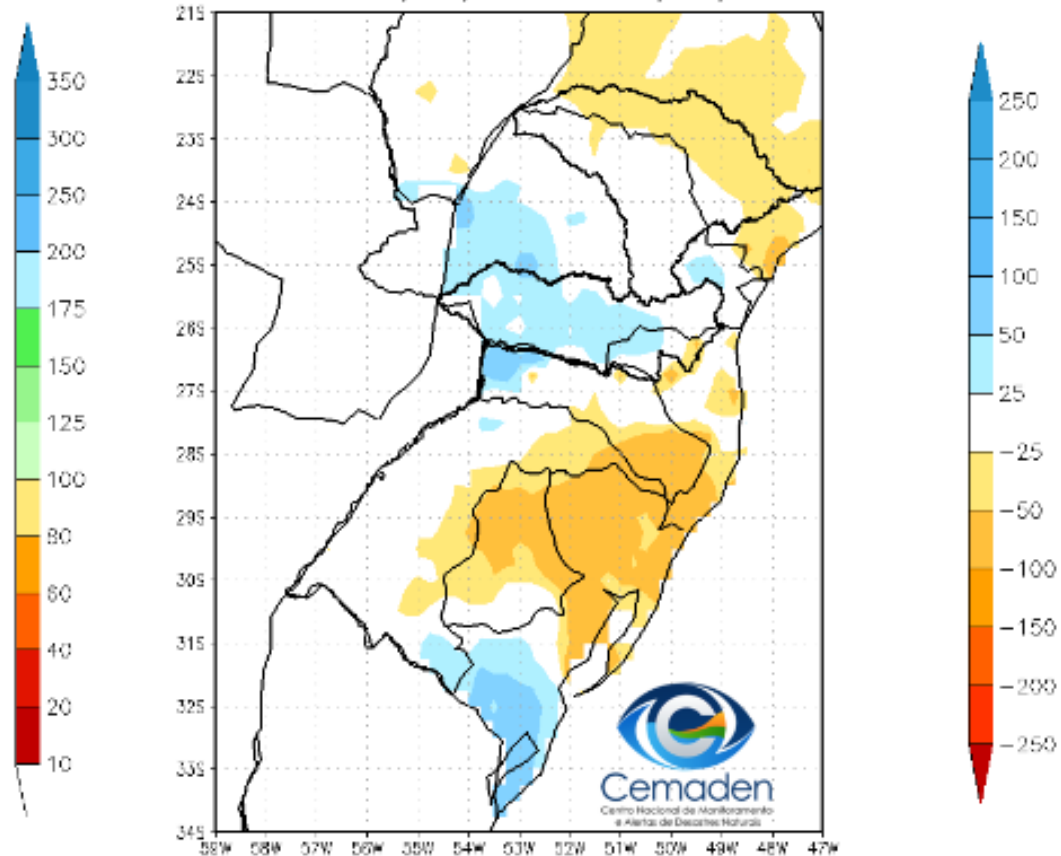


Precipitação nos últimos 30 dias

Precipitação Acumulada (mm) A.S.
Período: 23/07/2023 a 22/08/2023

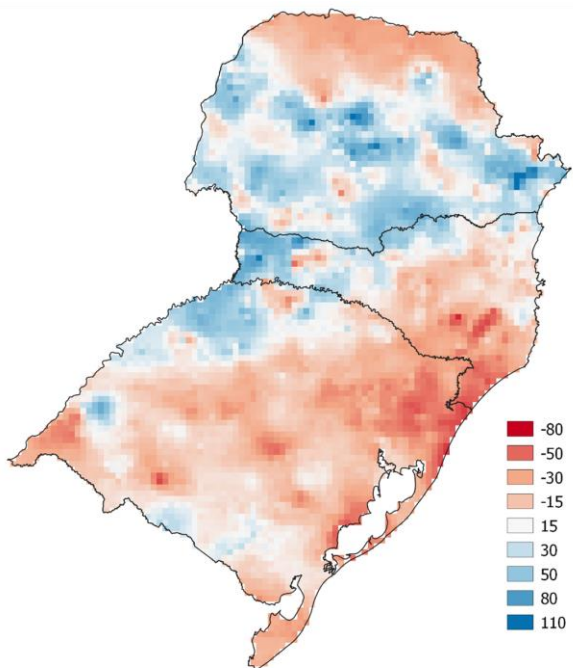


Anomalia de Precipitação (mm) A.S.
Período: 23/07/2023 a 22/08/2023

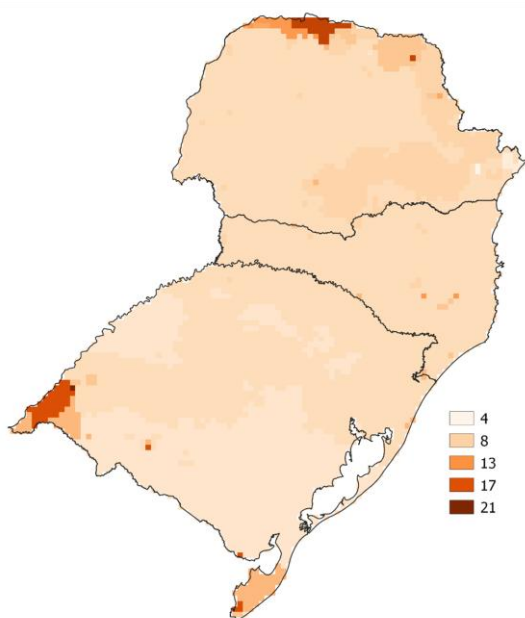


PRECIPITAÇÃO: AGOSTO 2023 (ATÉ 21/08)

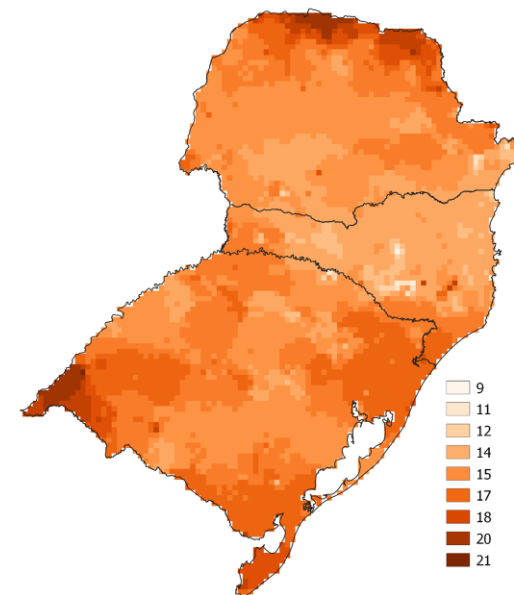
Anomalia (mm)



Máximo de dias consecutivos sem chuva

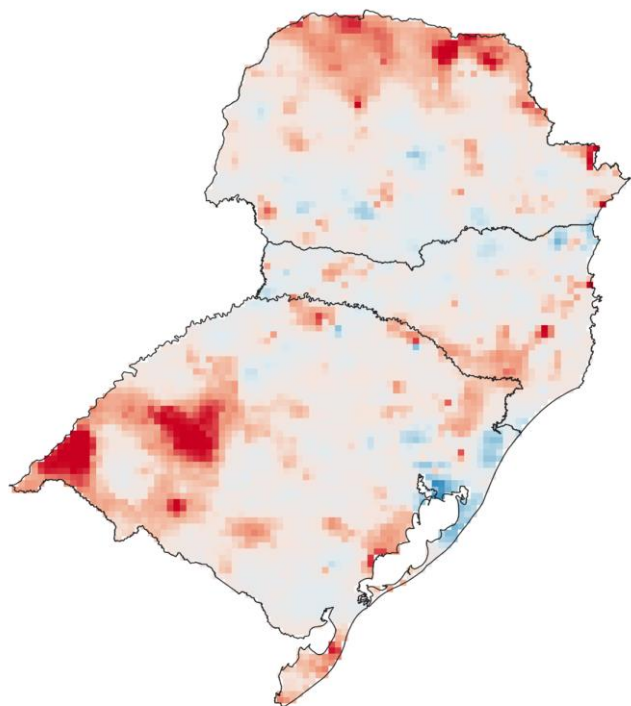


Total de dias sem chuva

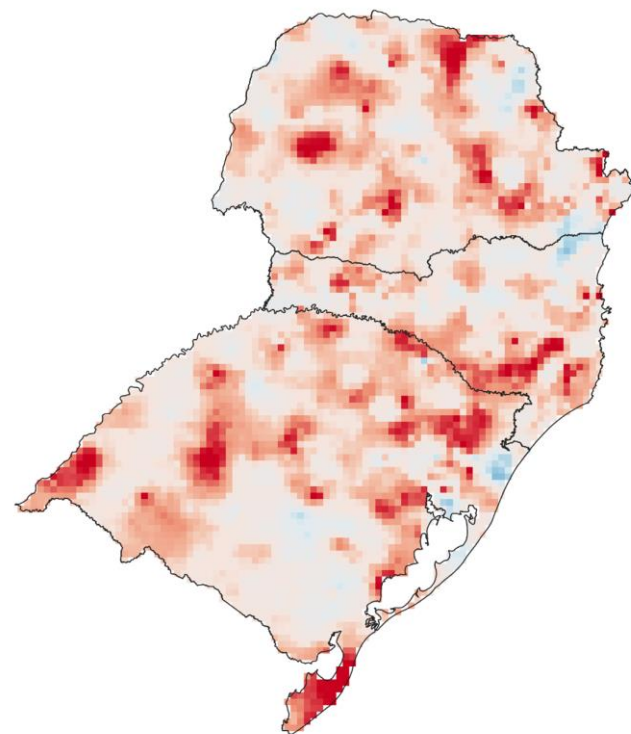


SPI: AGOSTO 2023

SPI03



SPI06

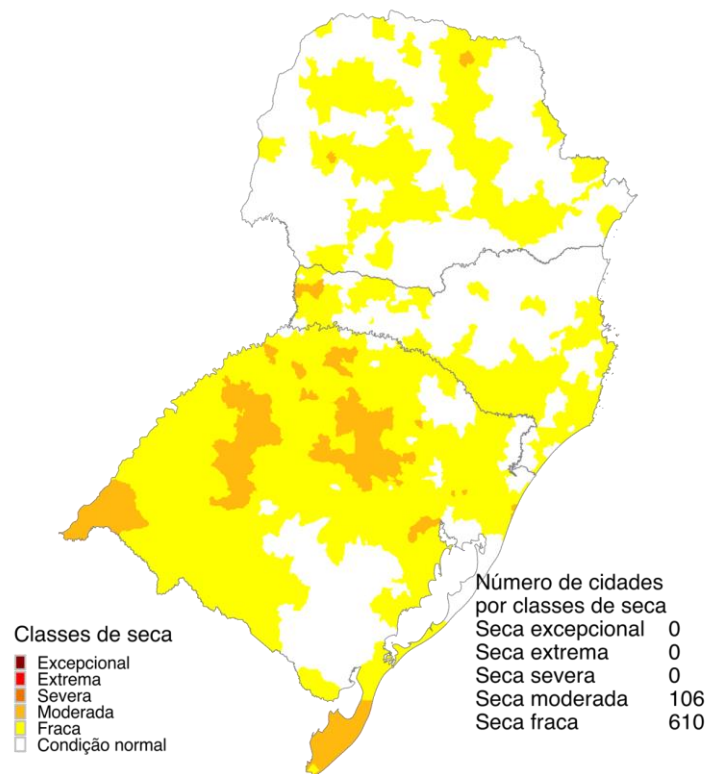
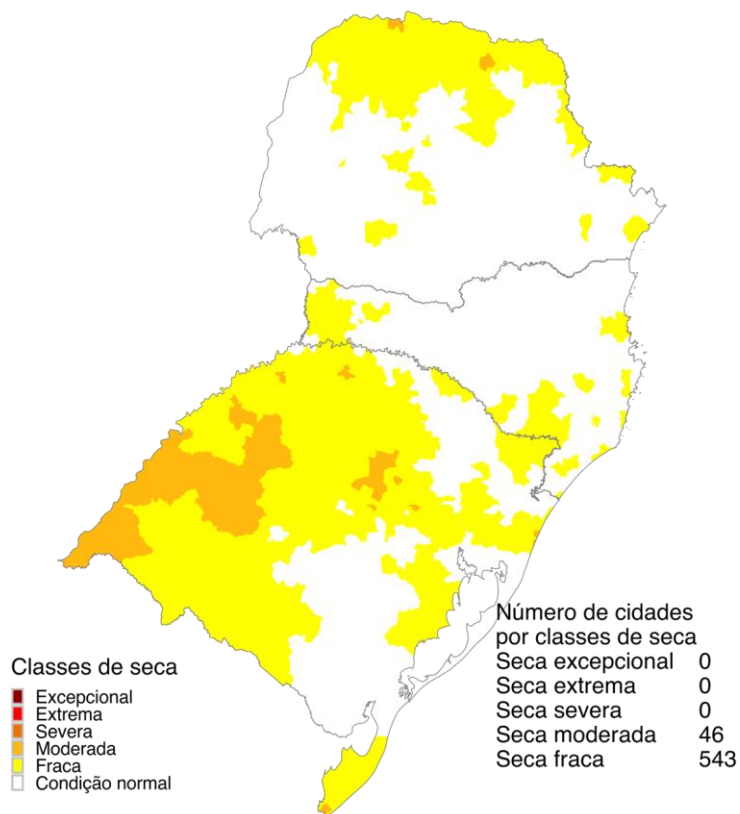


ÍNDICE INTEGRADO DE SECA - IIS

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

IIS 3 MESES

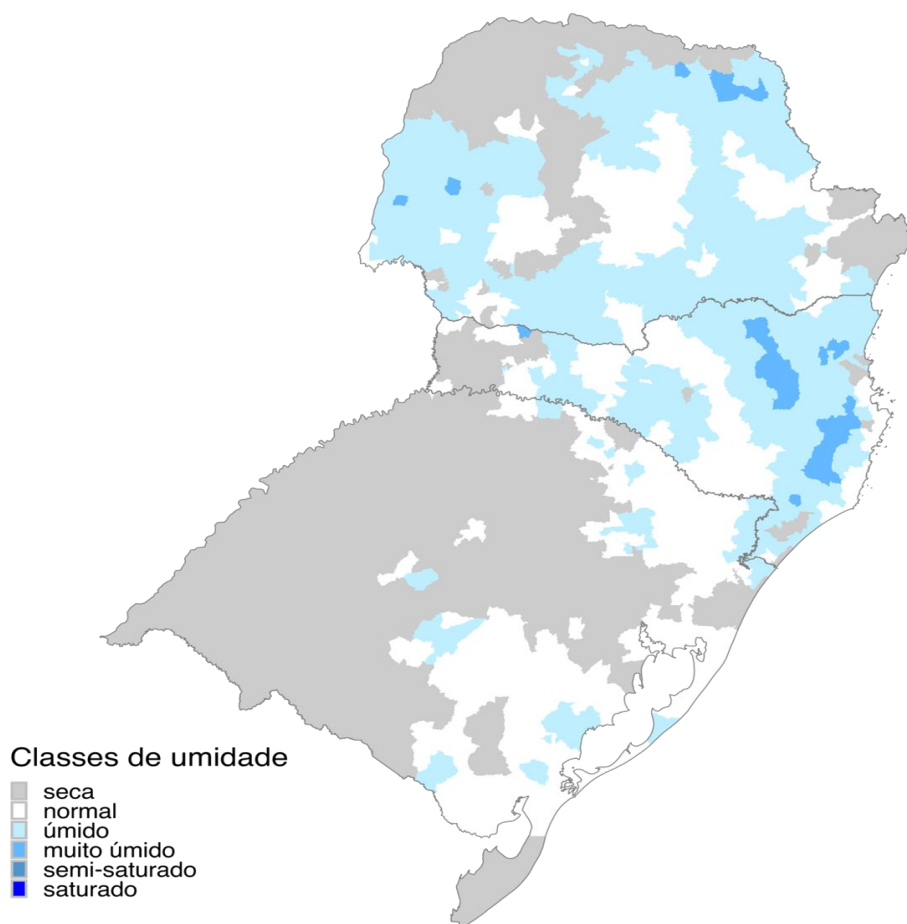
IIS 6 MESES



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

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

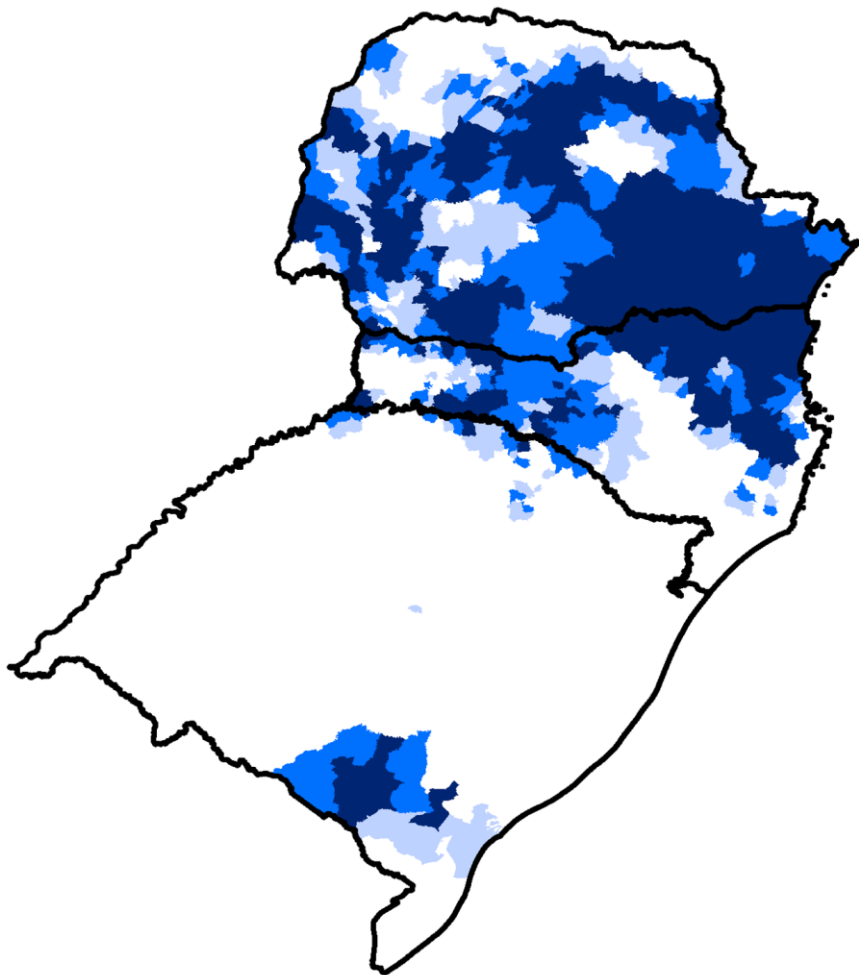
IARA (ÍNDICE AGREGADO DE RECURSOS DE ÁGUA (AGO)



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

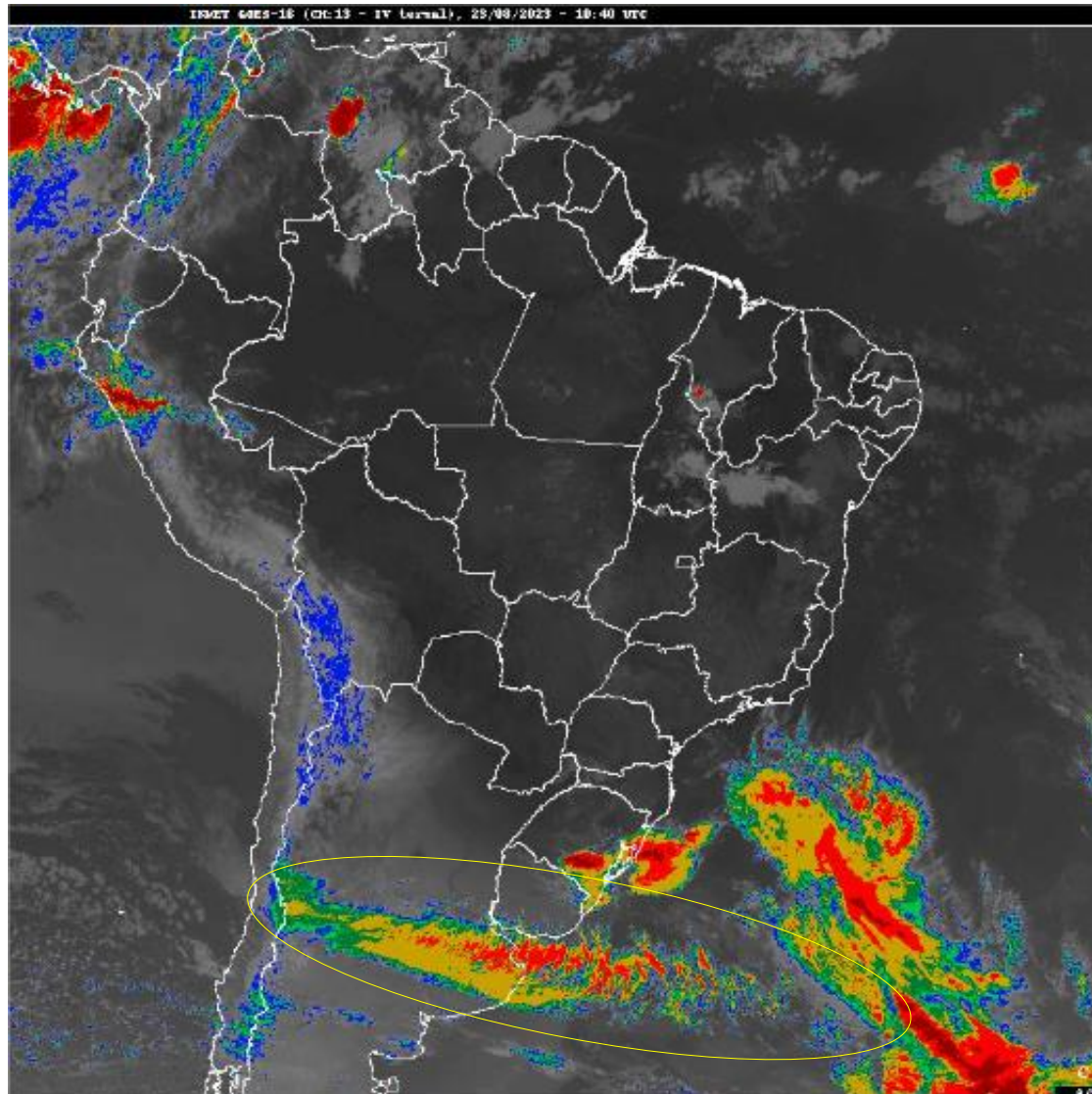
ESTIMATIVA DE ÁREAS DE PASTAGENS E AGRÍCOLAS AFETADAS PELO EXCESSO DE CHUVA

OBSERVADO: AGO/23



	40 a 60%	60 - 80%	> 80%	Imóveis Rurais Impactados > 40%
Paraná				
Minifundio	38664 (15%)	52132 (20%)	138381 (53%)	229177 (88%)
Pequena Propriedade	20666 (16%)	27805 (22%)	60939 (48%)	109410 (86%)
Media Propriedade	4164 (15%)	6257 (23%)	11478 (43%)	21899 (81%)
Santa Catarina				
Minifundio	28039 (12%)	34400 (15%)	79389 (34%)	141828 (61%)
Pequena Propriedade	10369 (13%)	15956 (19%)	15956 (38%)	57946 (70%)
Media Propriedade	1195 (12%)	1822 (18%)	3083 (31%)	6100 (61%)
Rio Grande do Sul				
Minifundio	13934 (4%)	11270 (3%)	5014 (1%)	30218 (8%)
Pequena Propriedade	641 (4%)	947 (3%)	619 (2%)	12718 (9%)
Media Propriedade	641 (3%)	947 (4%)	619 (3%)	2207 (9%)

Situação meteorológica atual



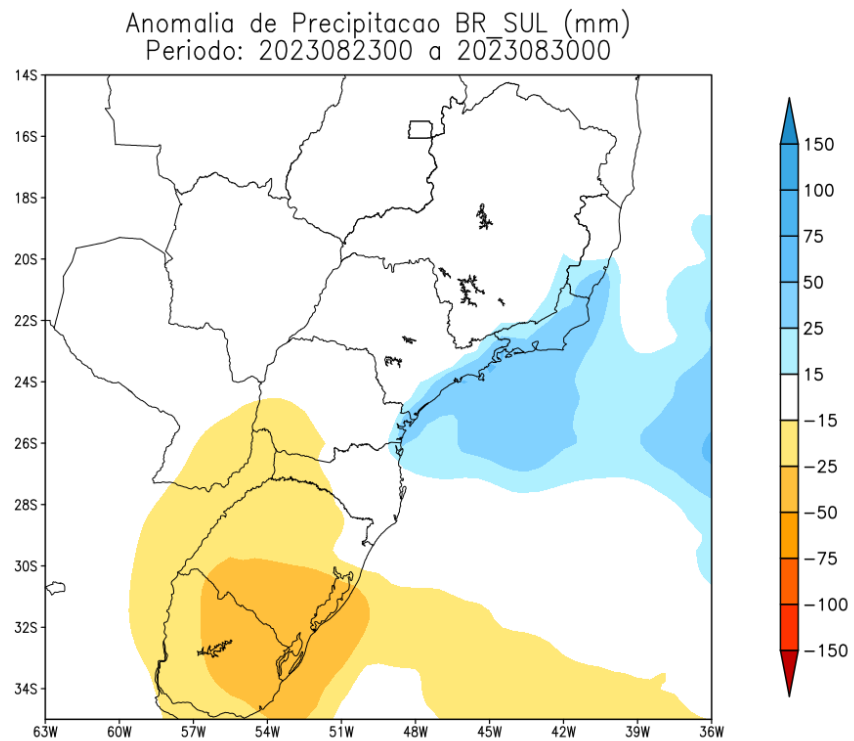
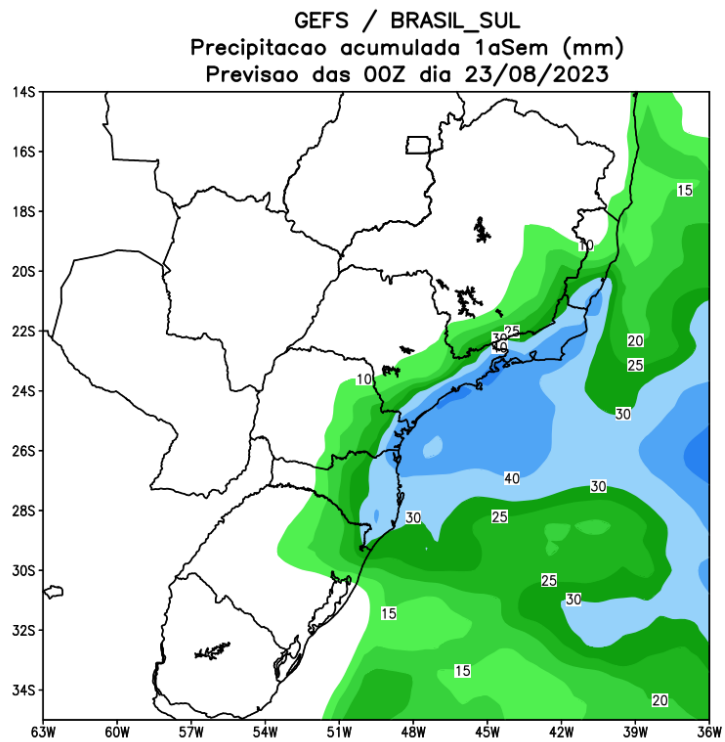
-25°

-35°

-45°

-55°

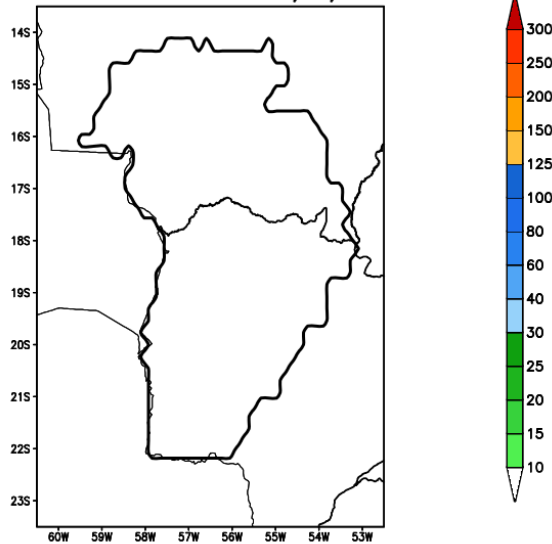
Previsão de chuva próximos 7 dias



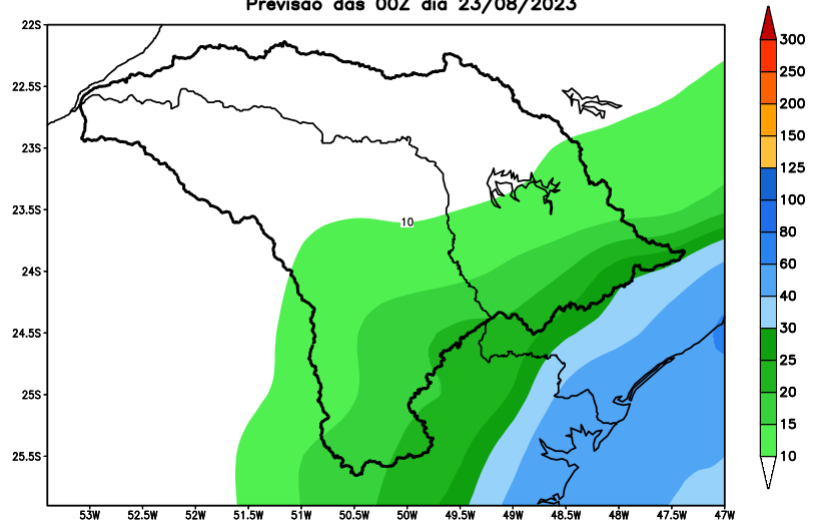
MODELO GFS

Previsão para as principais bacias

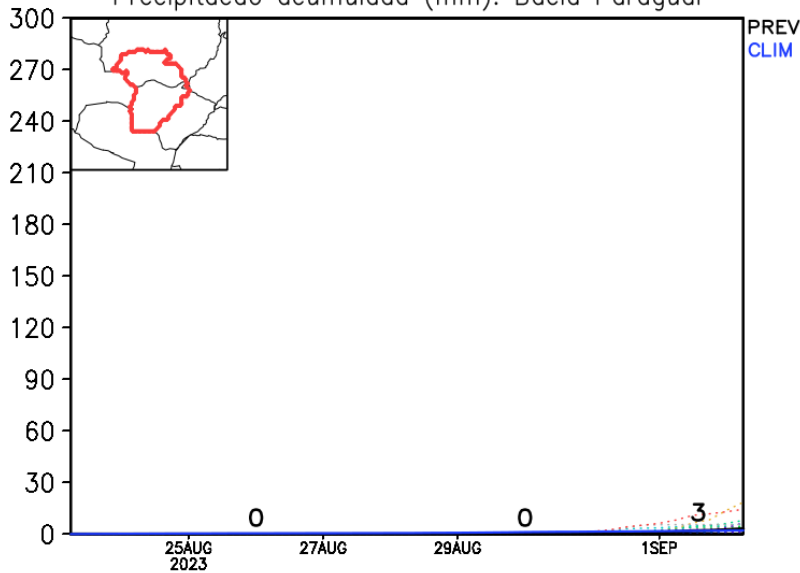
GEFS / Bacia do Rio Paraguai
Precipitação acumulada em 7 dias (mm)
Previsão das 00Z dia 23/08/2023



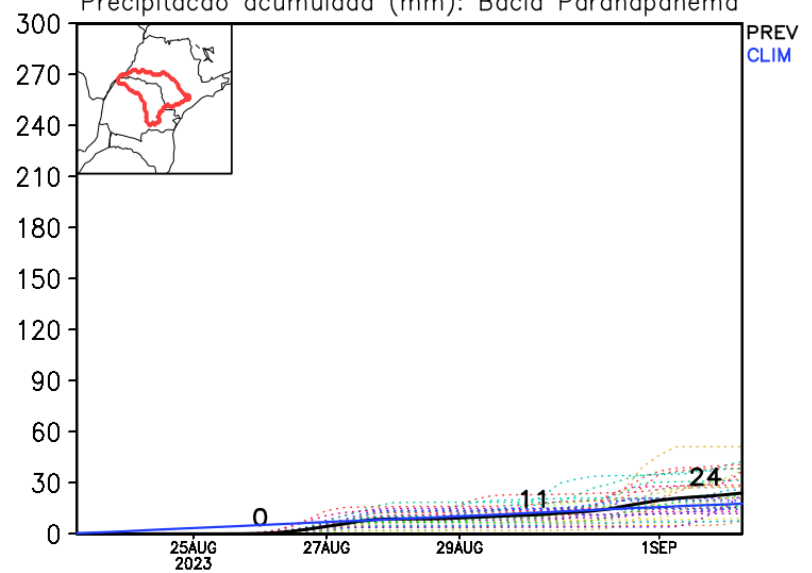
GEFS / Bacia do Rio Paranapanema
Precipitação acumulada em 7 dias (mm)
Previsão das 00Z dia 23/08/2023



Precipitação acumulada (mm): Bacia Paraguai



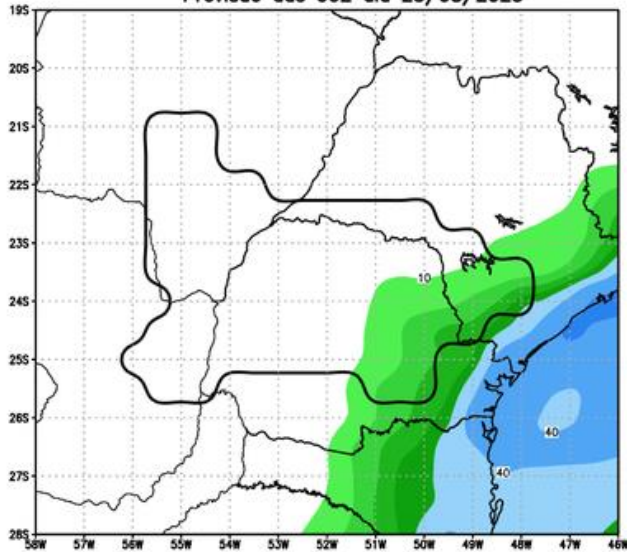
Precipitação acumulada (mm): Bacia Paranapanema



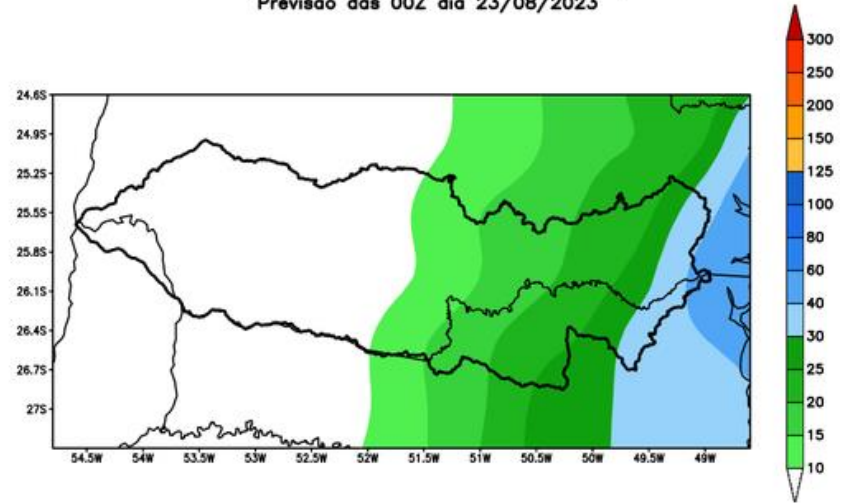
MODELO GFS

Previsão para as principais bacias

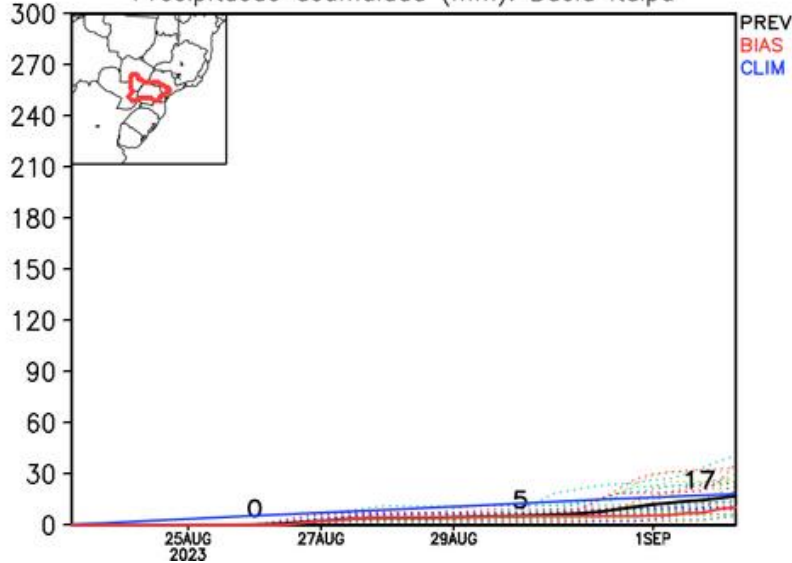
GEFS / Itaipu
Precipitação acumulada em 7 dias (mm)
Previsão das 00Z dia 23/08/2023



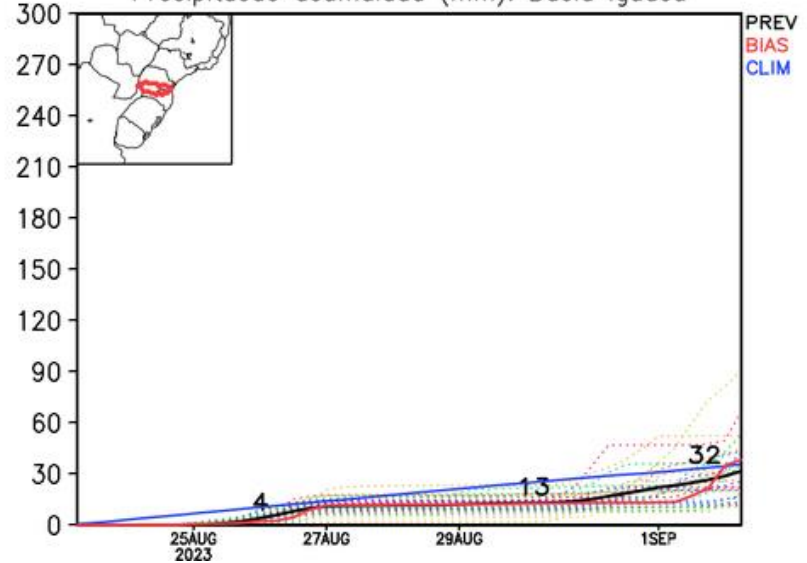
GEFS / Bacia do Rio Iguacu
Precipitação acumulada em 7 dias (mm)
Previsão das 00Z dia 23/08/2023



Precipitação acumulada (mm): Bacia Itaipu

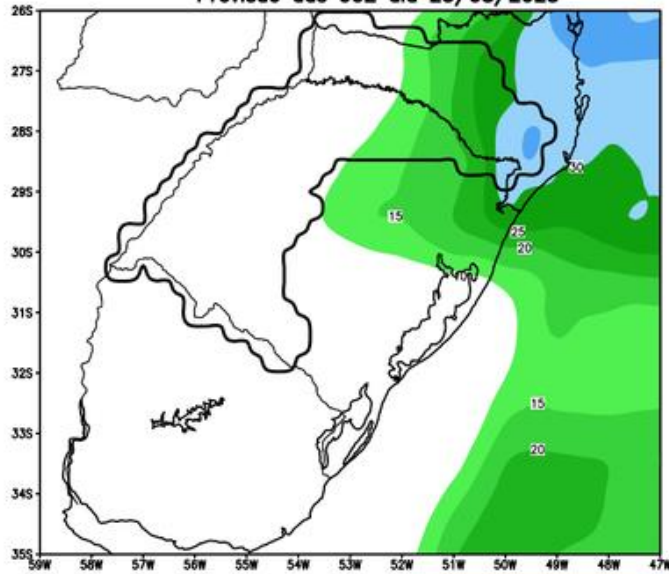


Precipitação acumulada (mm): Bacia Iguacu

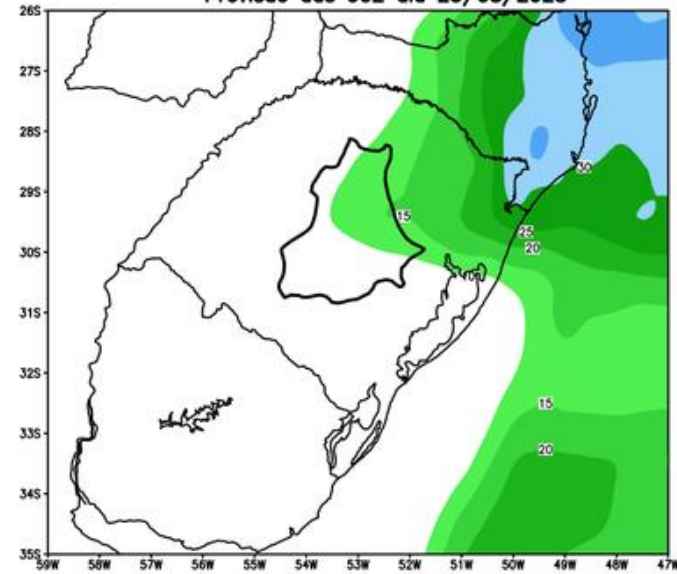


Previsão para as principais bacias

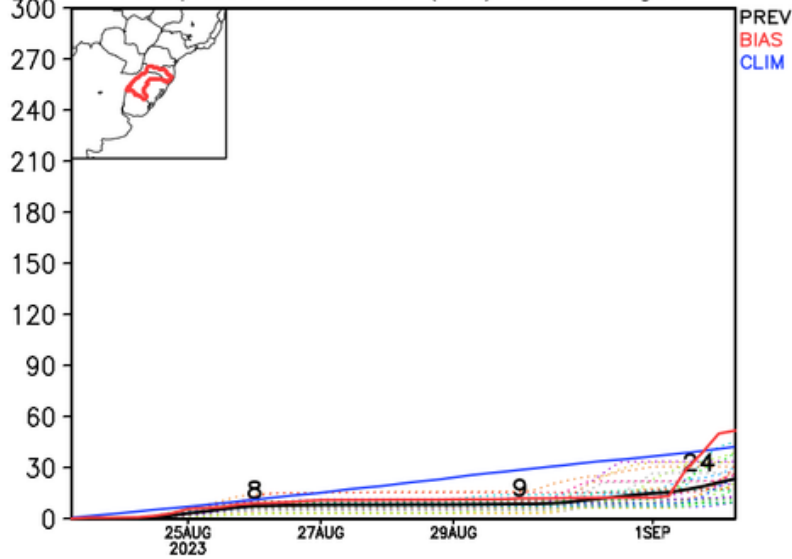
GEFS / Bacia do Rio Uruguai
Precipitação acumulada em 7 dias (mm)
Previsão das 00Z dia 23/08/2023



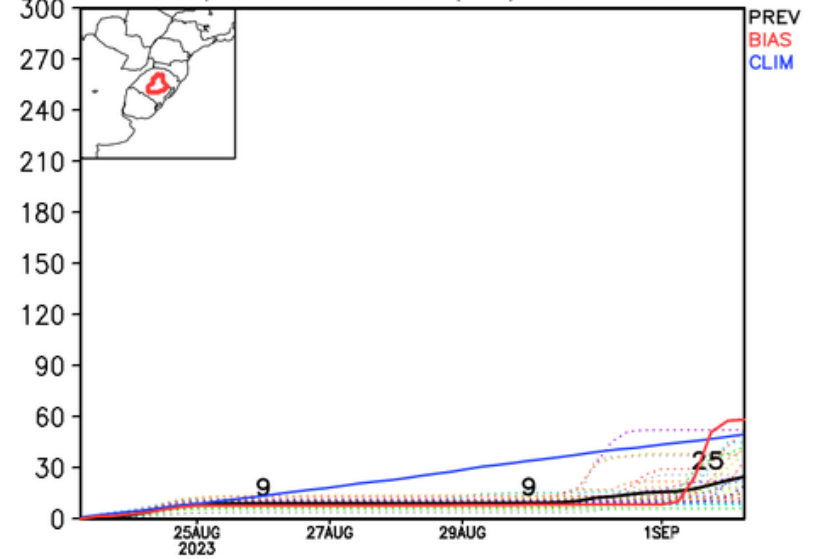
GEFS / Bacia do Rio Jacuí
Precipitação acumulada em 7 dias (mm)
Previsão das 00Z dia 23/08/2023



Precipitação acumulada (mm): Bacia Uruguai

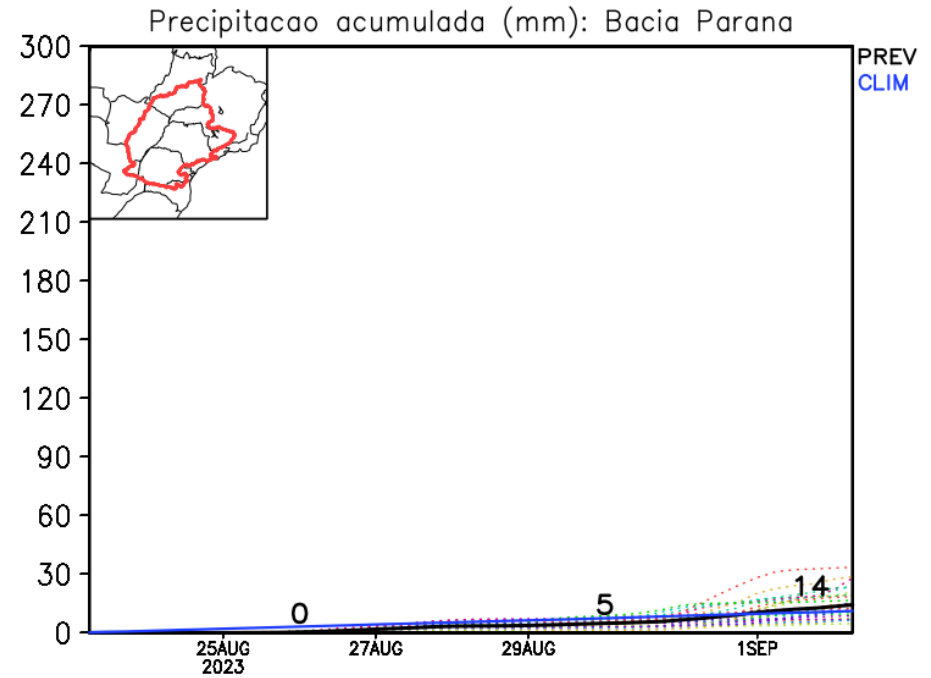
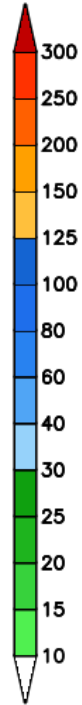
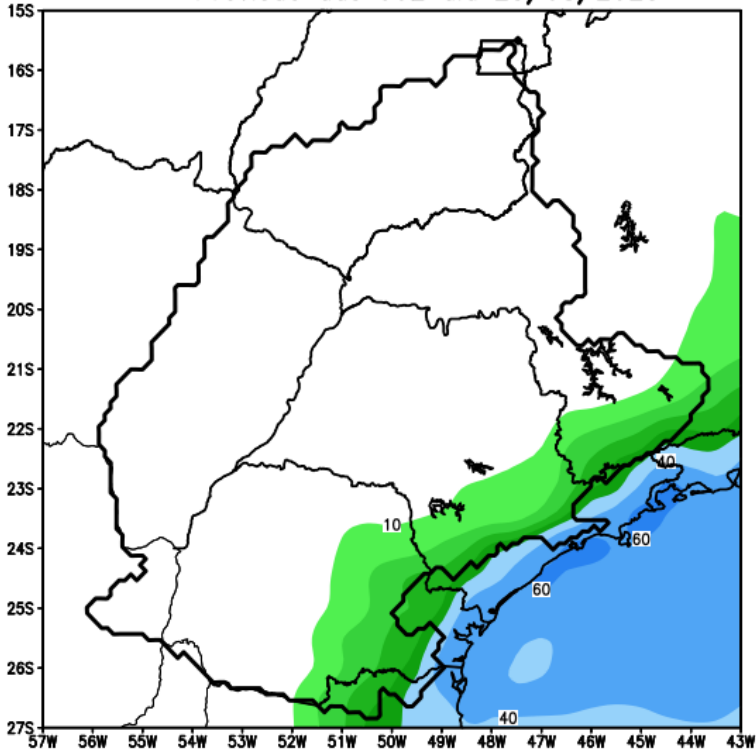


Precipitação acumulada (mm): Bacia Jacuí



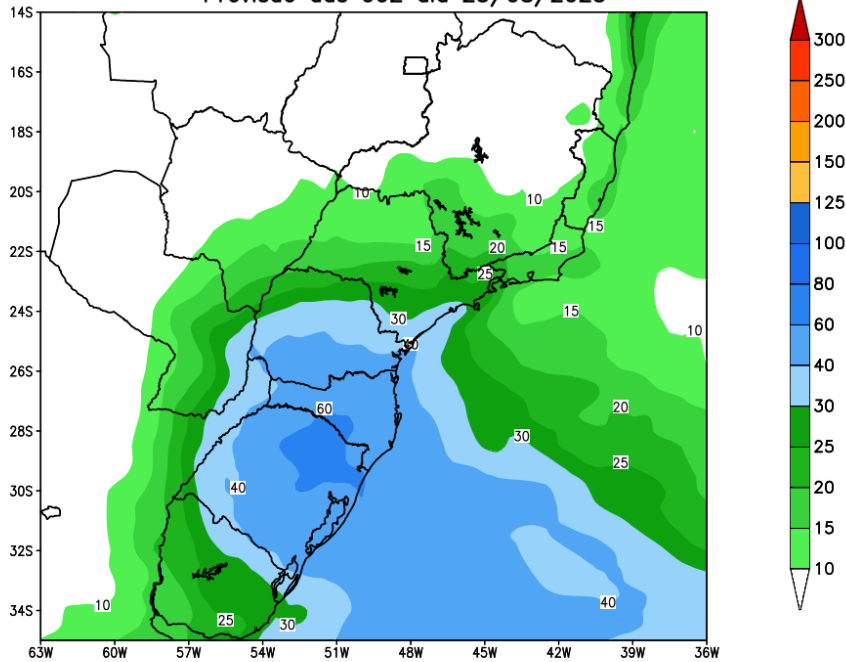
Previsão para as principais bacias

GEFS / Bacia do Parana
Precipitacao acumulada em 7 dias (mm)
Previsao das 00Z dia 23/08/2023

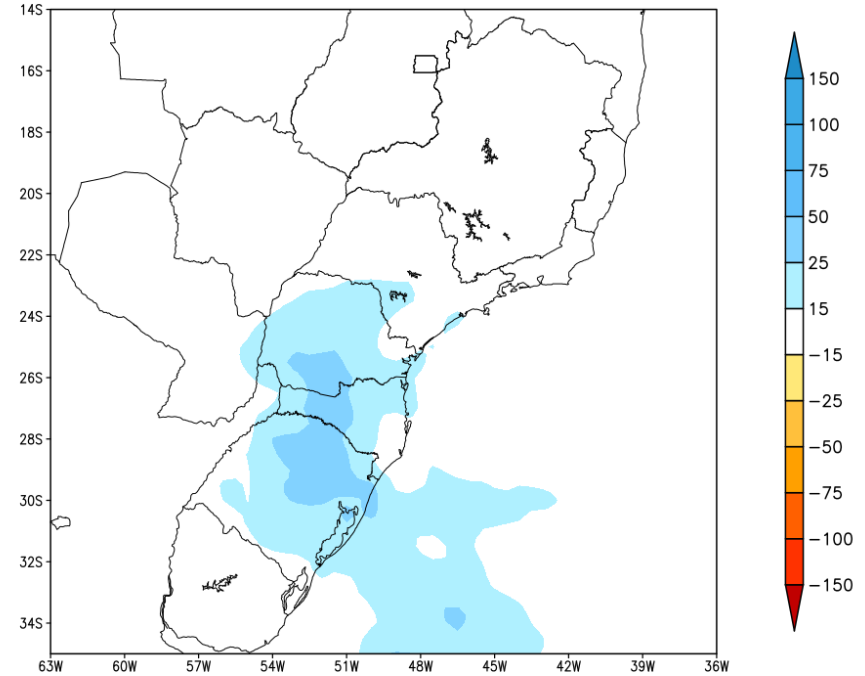


Tendência para a segunda semana

GEFS / BRASIL_SUL
Precipitacao acumulada 2aSem (mm)
Previsao das 00Z dia 23/08/2023



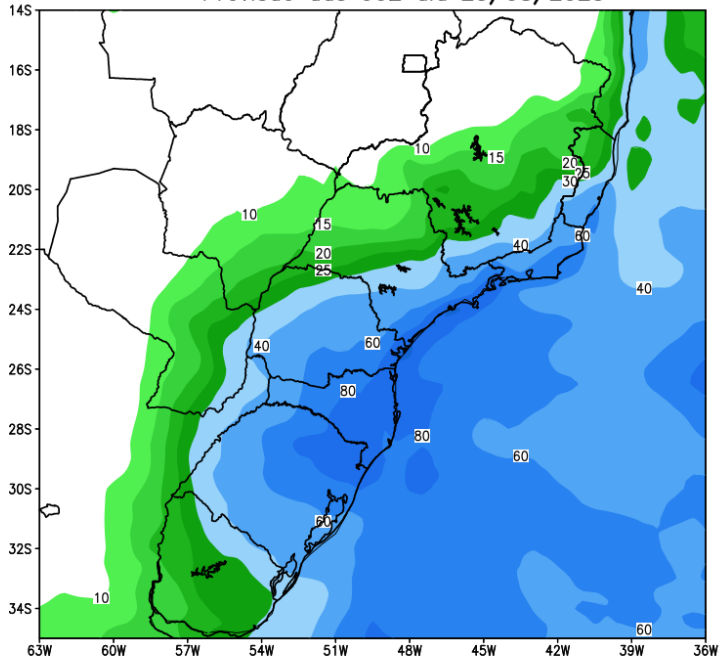
Anomalia de Precipitacao BR_SUL (mm)
Periodo: 2023083100 a 2023090600



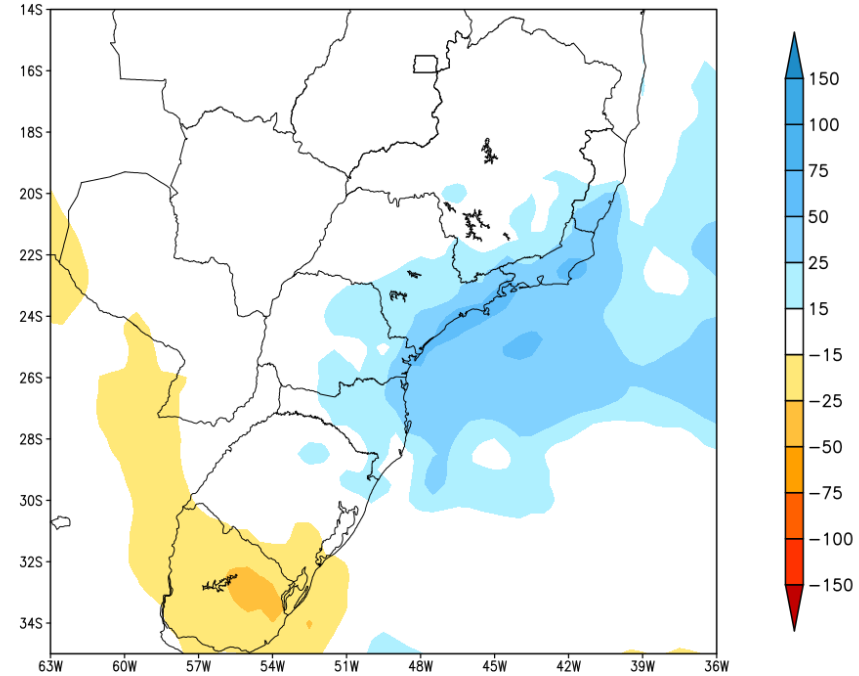
MODELO GFS

Tendência para as duas próximas semanas

GEFS / BRASIL_SUL
Precipitacao acumulada 14dias (mm)
Previsao das 00Z dia 23/08/2023



Anomalia de Precipitacao BR SUL (mm)
Periodo: 2023082300 a 2023090600

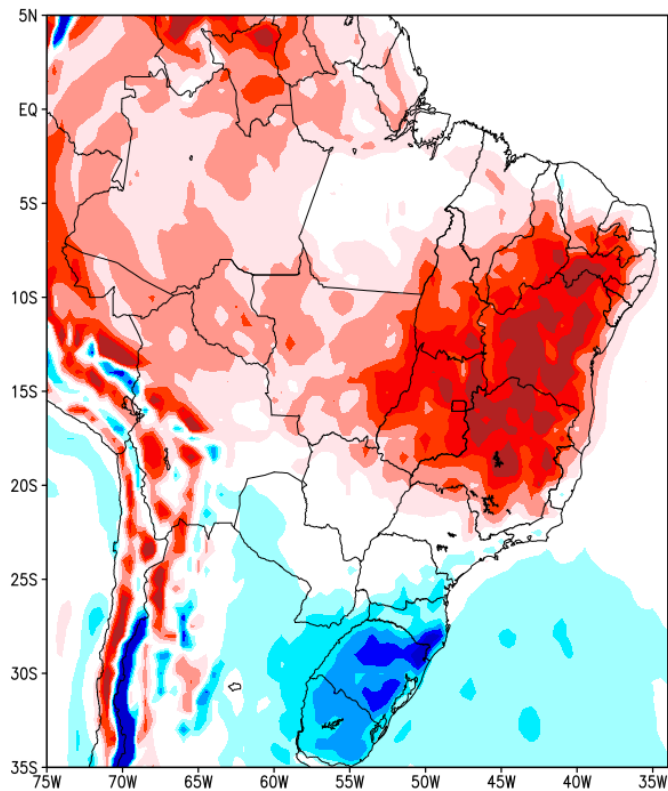


MODELO GFS

Previsão de Temperatura

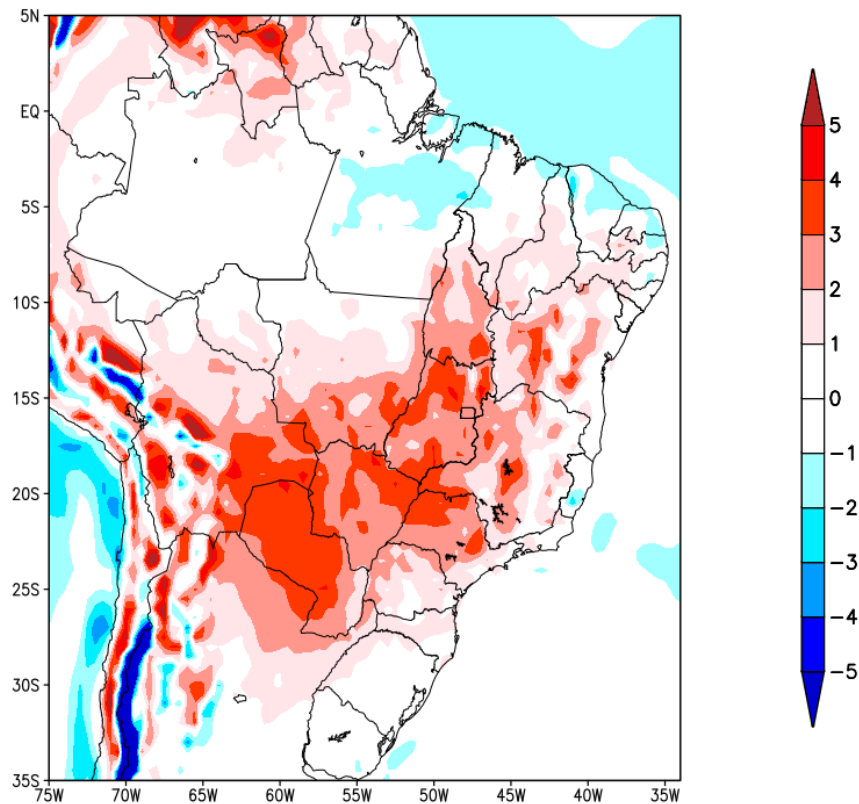
1ª Semana

Anomalia de Temperatura BR (C)
Período: 2023082300 a 2023083000

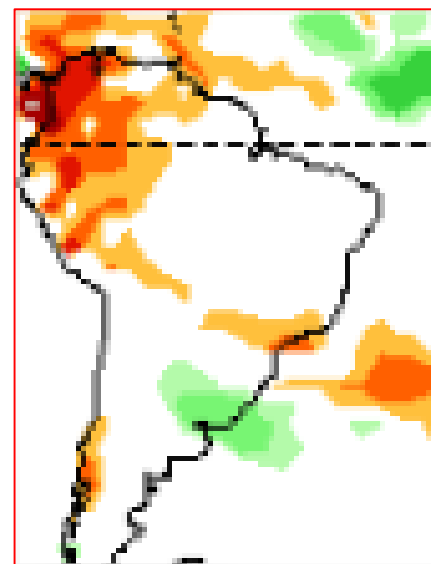
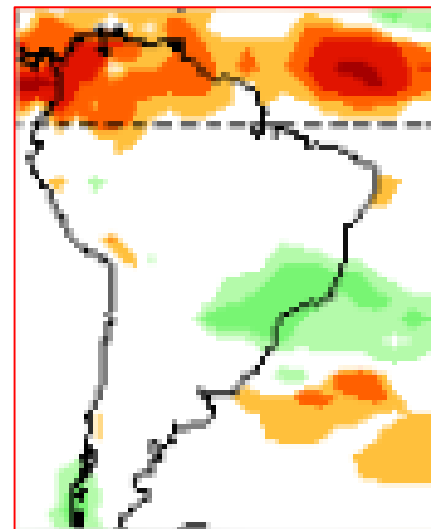
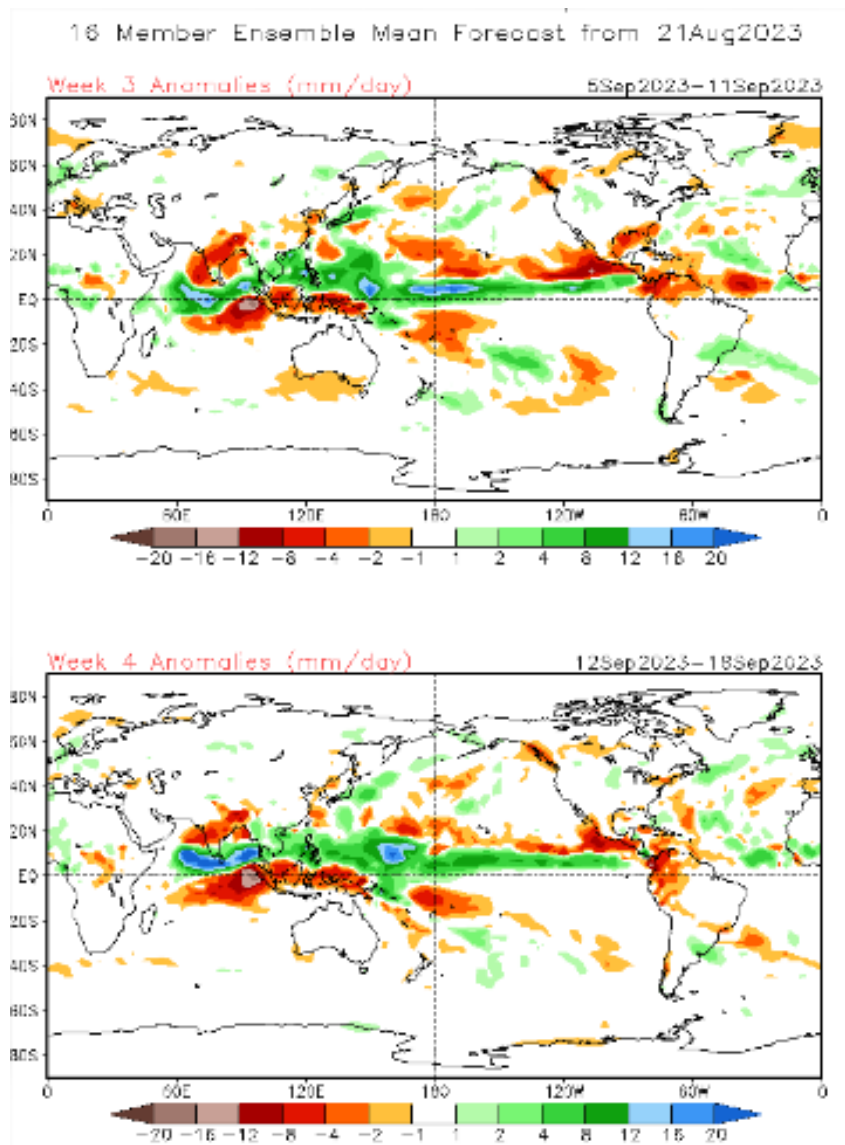


2ª Semana

Anomalia de Temperatura BR (C)
Período: 2023083100 a 2023090600



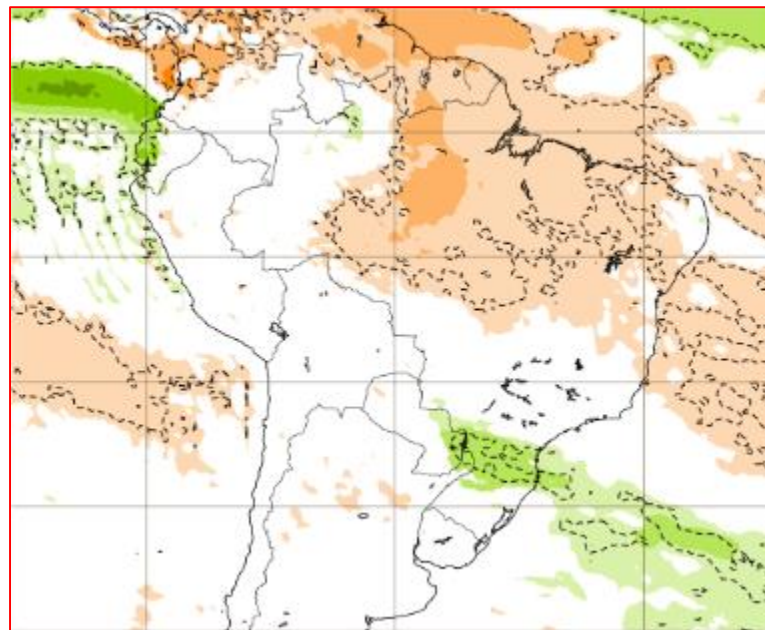
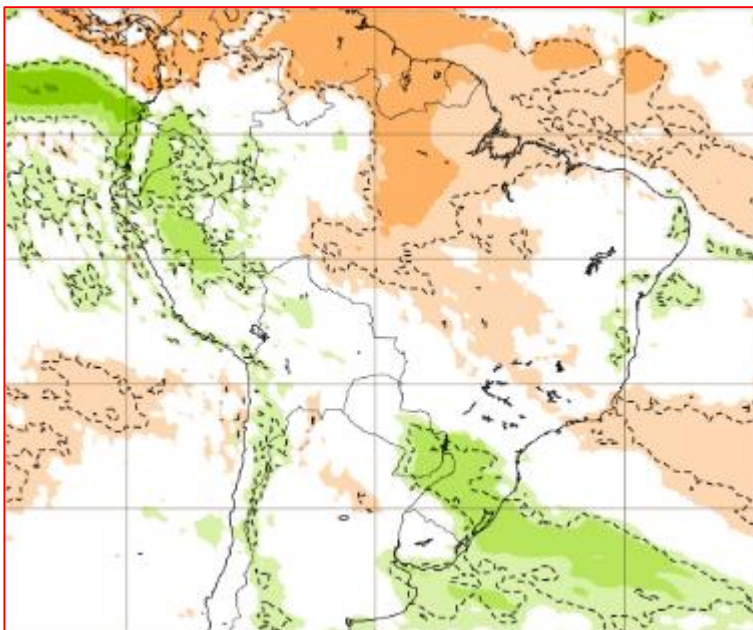
Tendência 3a e 4a semanas



Tendência para 3ª e 4ª semanas

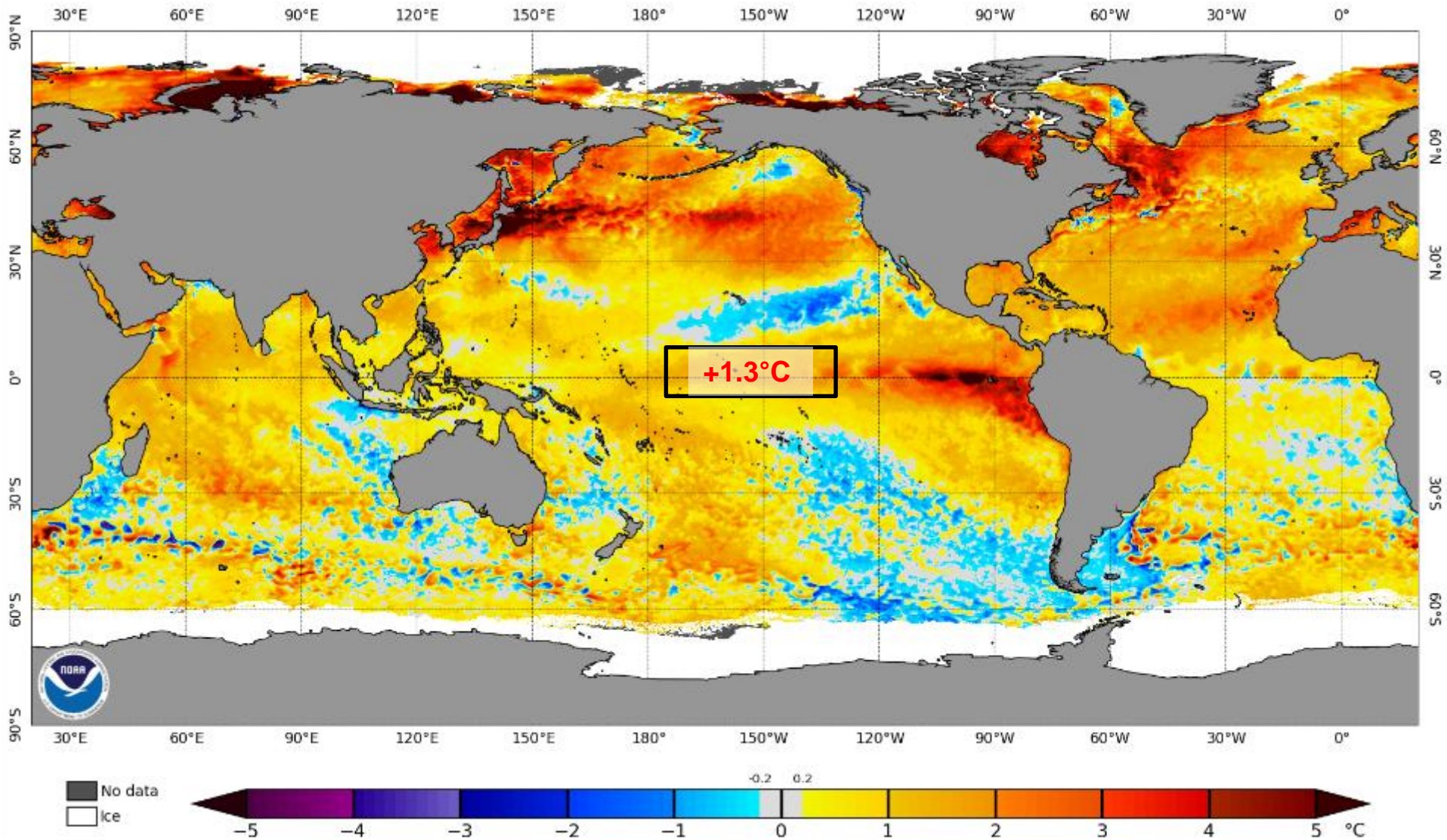
04-11/09

11-18/09

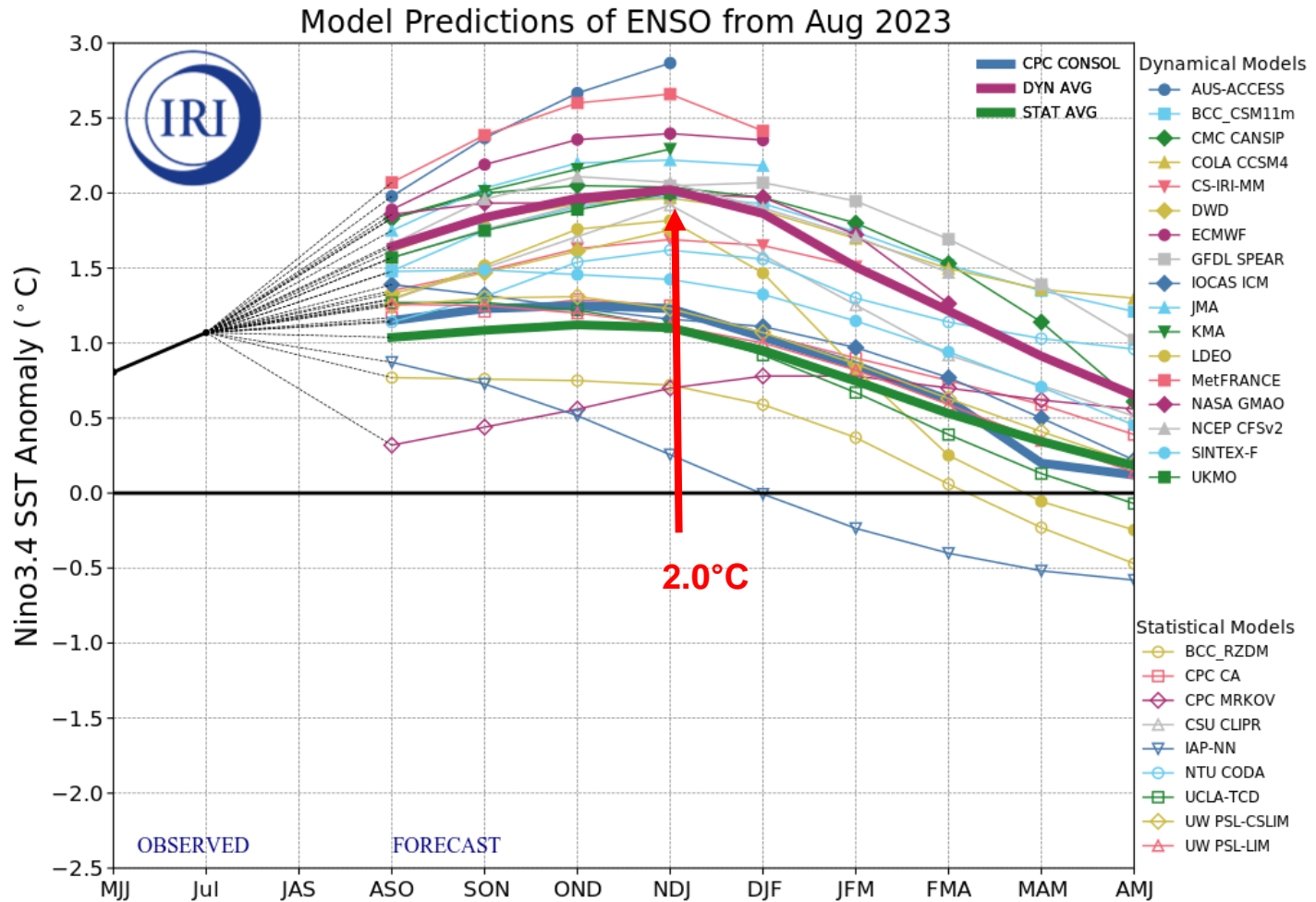


Status Atual: El Niño

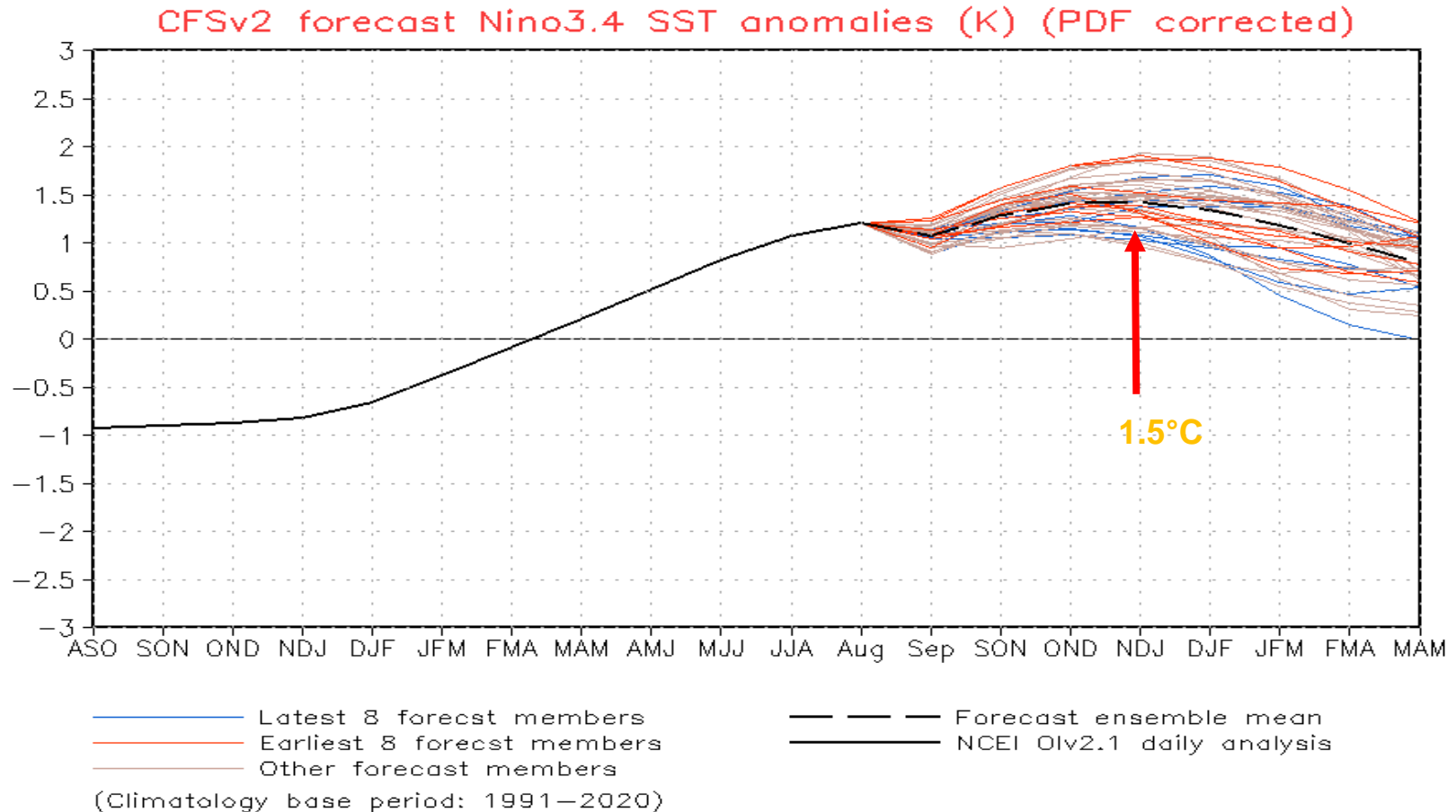
NOAA Coral Reef Watch Daily 5km SST Anomalies (v3.1) 21 Aug 2023



Previsão do “ENSO”



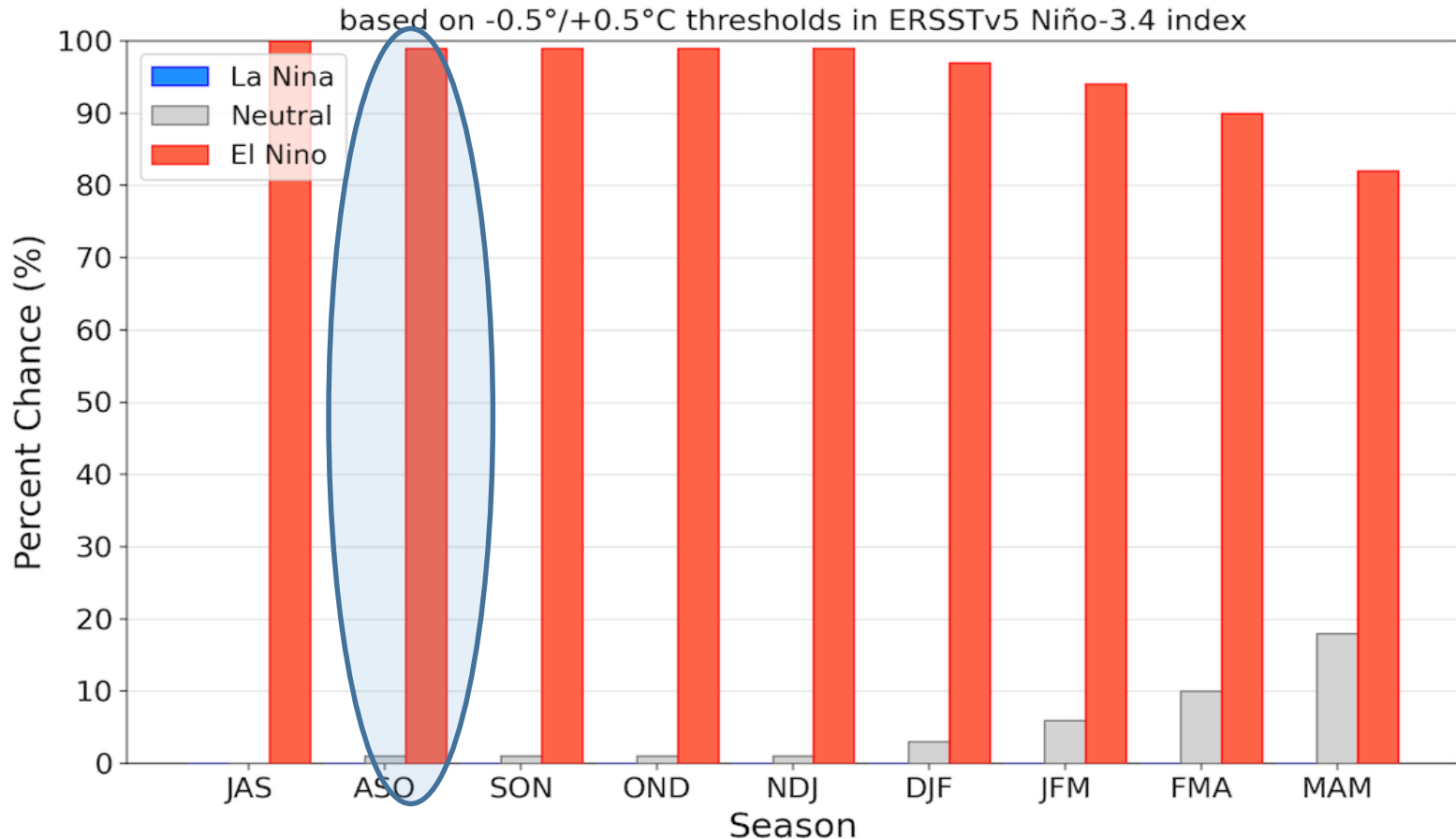
Previsão do “ENSO”



Atualizado: 21 de Agosto 2023

Previsão do “ENSO”

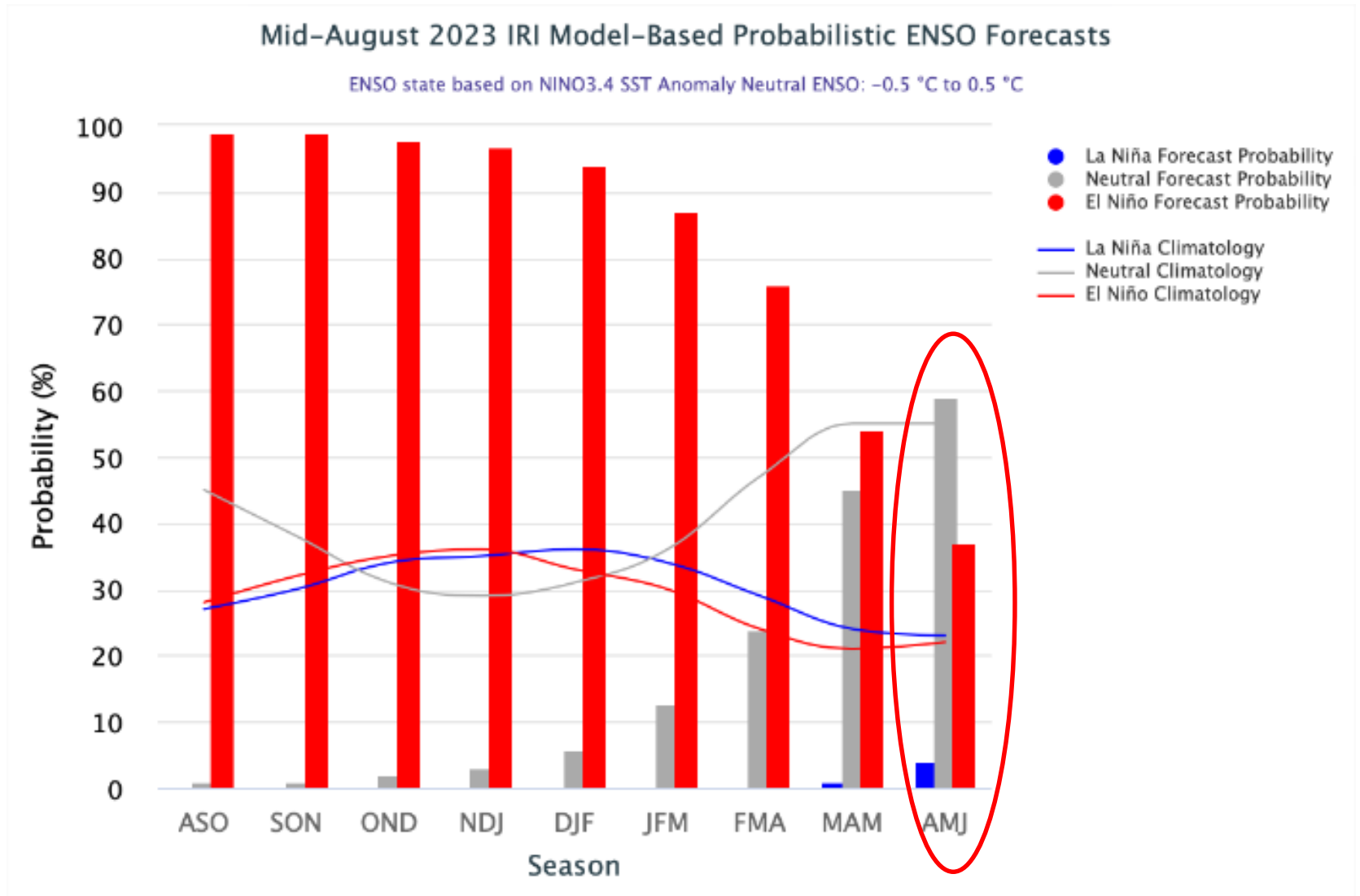
Official NOAA CPC ENSO Probabilities (issued Aug. 2023)



Status Atual: **El Niño**

FONTE: NOAA

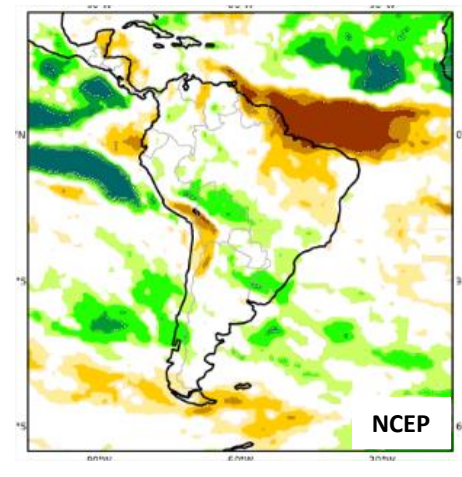
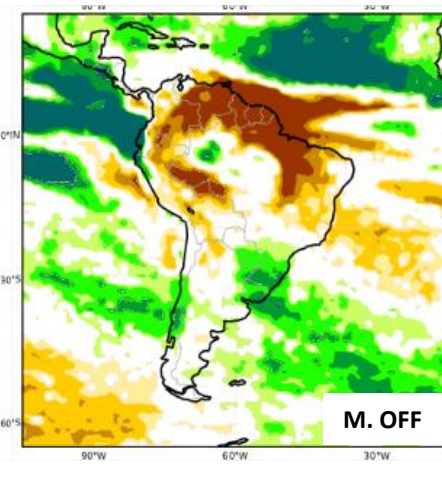
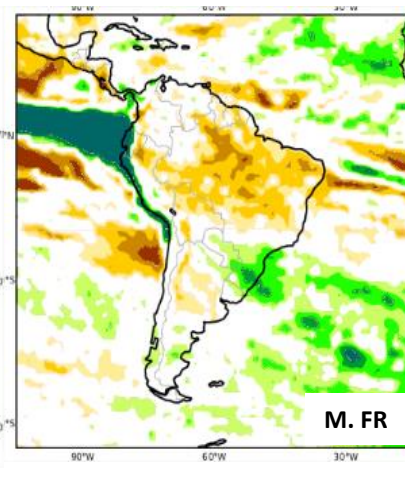
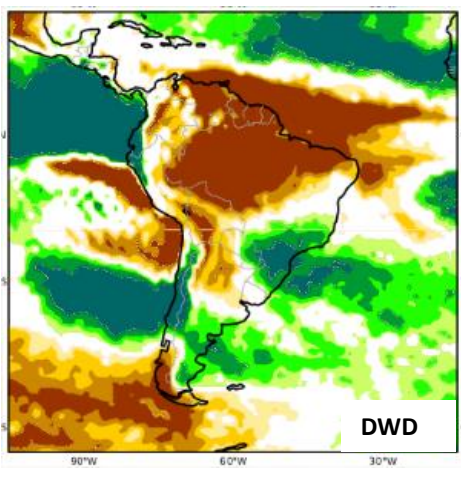
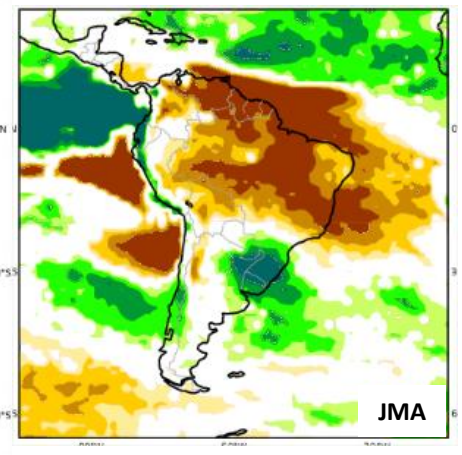
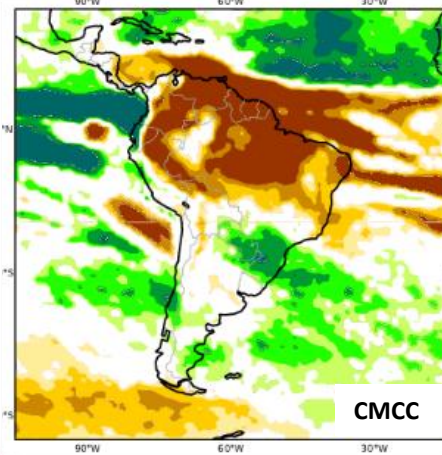
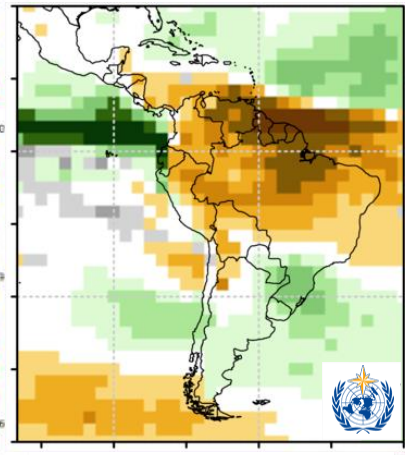
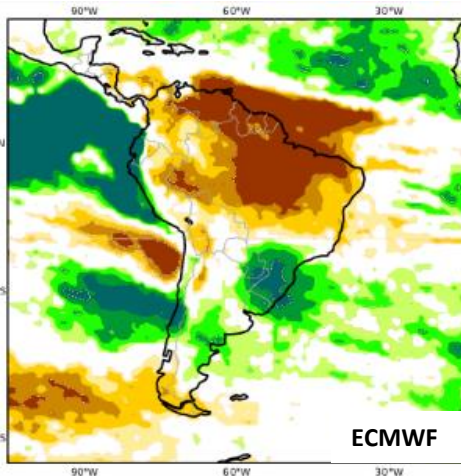
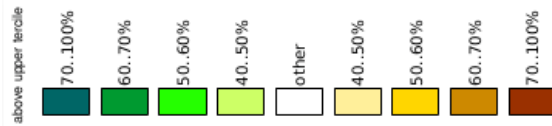
Previsão do “ENSO”



Status Atual: **El Niño**

FONTE: NOAA

Previsão Sazonal de Chuva SON



Previsão Multi Modelo SON

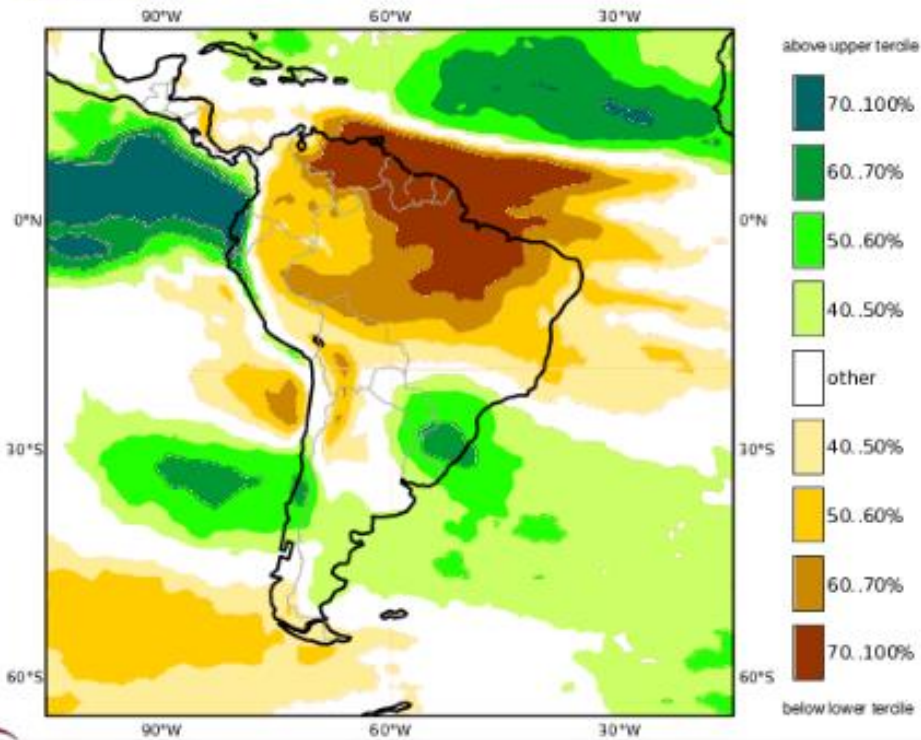
C3S multi-system seasonal forecast

Prob(most likely category of precipitation)

Nominal forecast start: 01/08/23

Unweighted mean

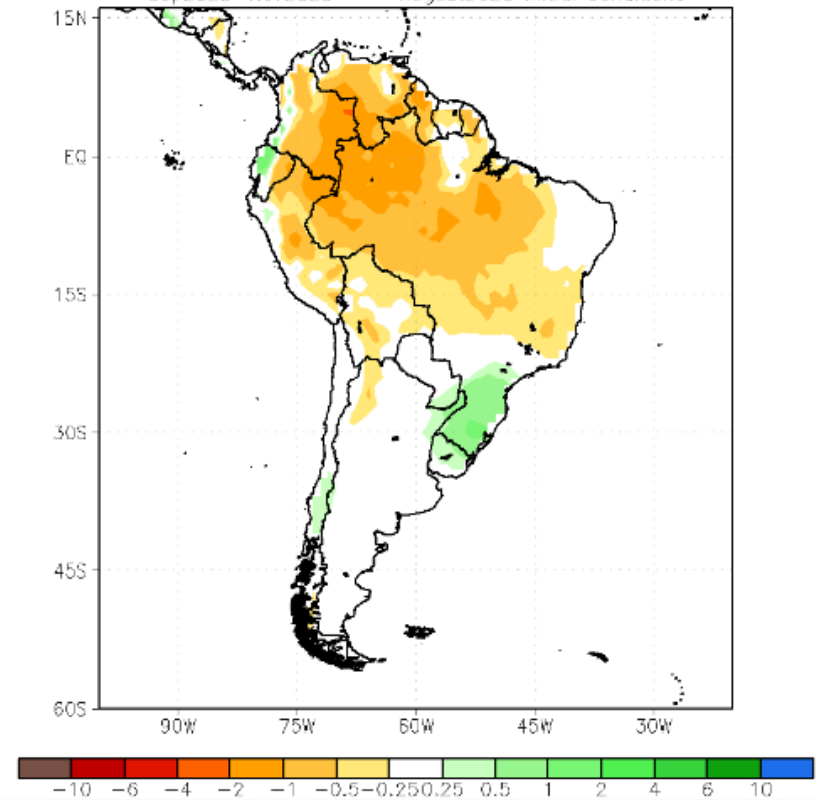
SON 2023



NMME Precipitation Anomalies (mm/day)

Sep2023–Nov2023

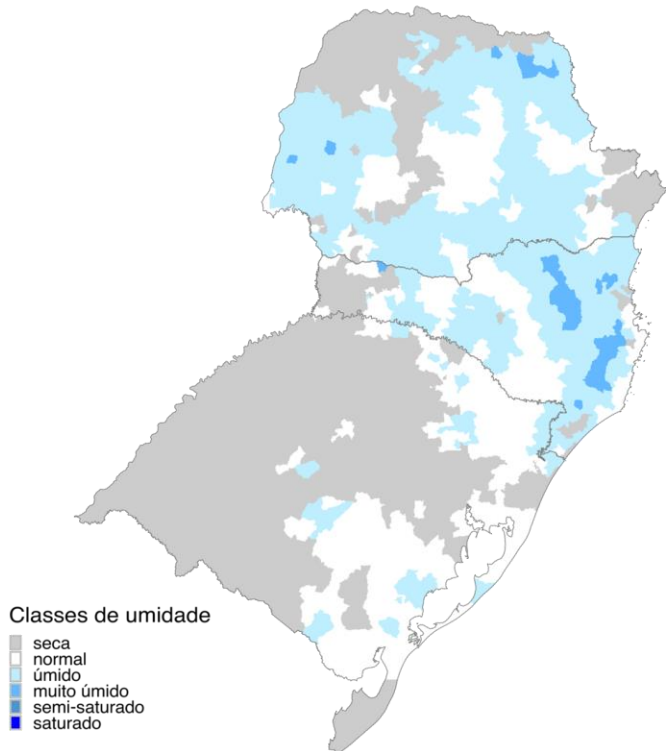
August2023 initial conditions



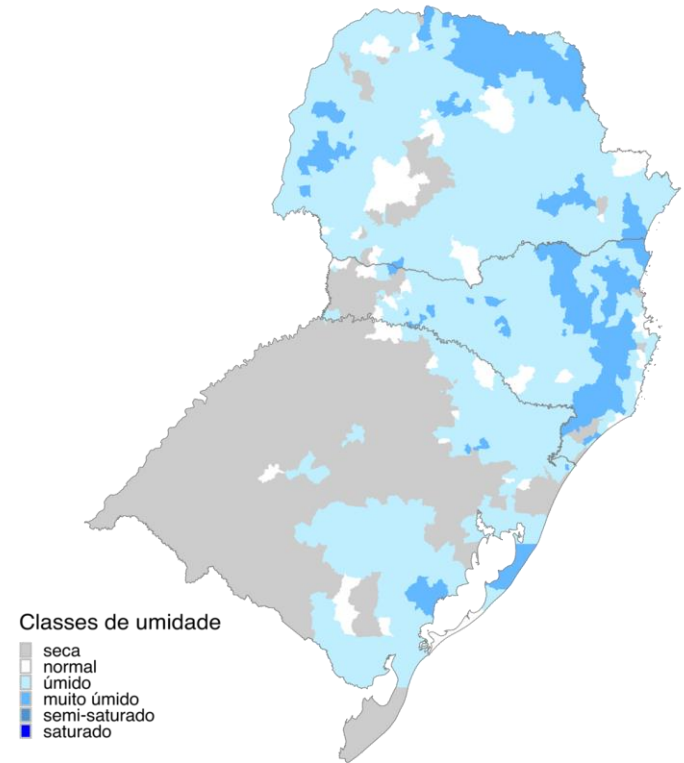
IARA (ÍNDICE AGREGADO DE RECURSOS DE ÁGUA (AGO E SET))

CHUVA **35% ACIMA** DA MÉDIA Cenário El Niño

Agosto/23



Setembro/23



ESTIMATIVA DE ÁREAS DE PASTAGENS E AGRÍCOLAS AFETADAS PELO EXCESSO DE CHUVA

CENÁRIO: SET/23

**PREVISÃO DE IMPACTO IARA
PARA SETEMBRO**

UF	40 a 60%	60 - 80%	> 80%
PR	23	70	301
SC	21	35	207
RS	34	57	210

