

# Sala de Crise da Região Sul

10 de Julho de 2024

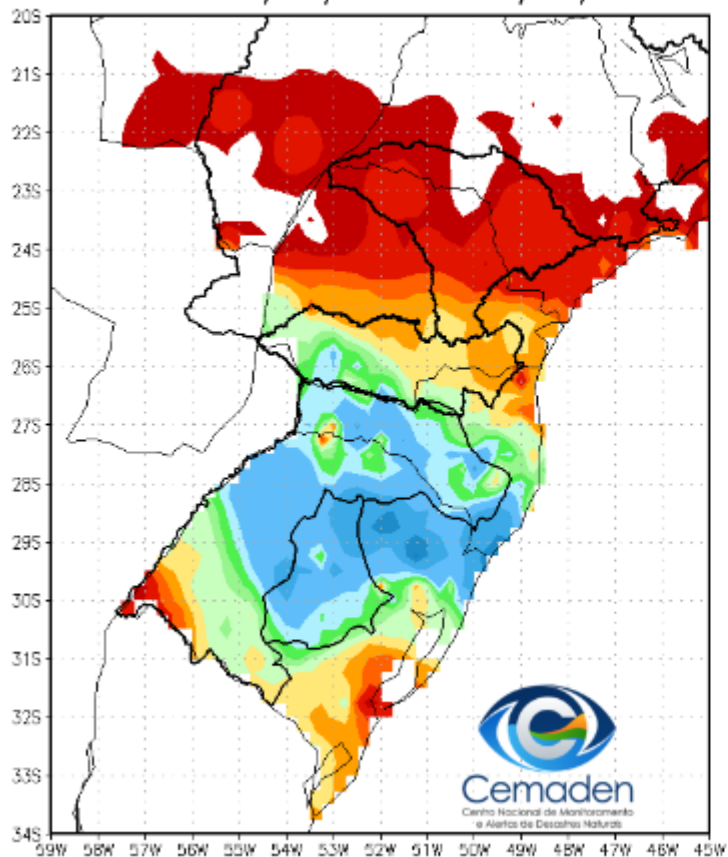


MINISTÉRIO DA  
CIÊNCIA, TECNOLOGIA  
E INOVAÇÃO

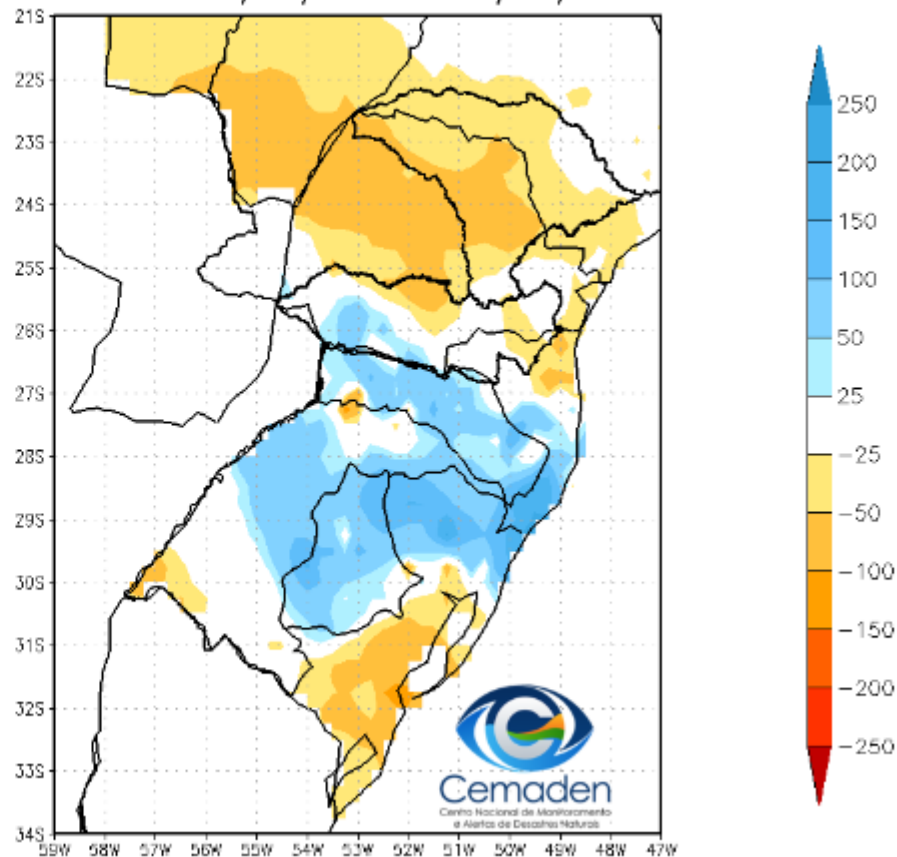


## Precipitação nos últimos 30 dias

Precipitação Acumulada (mm) A.S.  
Período: 09/06/2024 a 09/07/2024

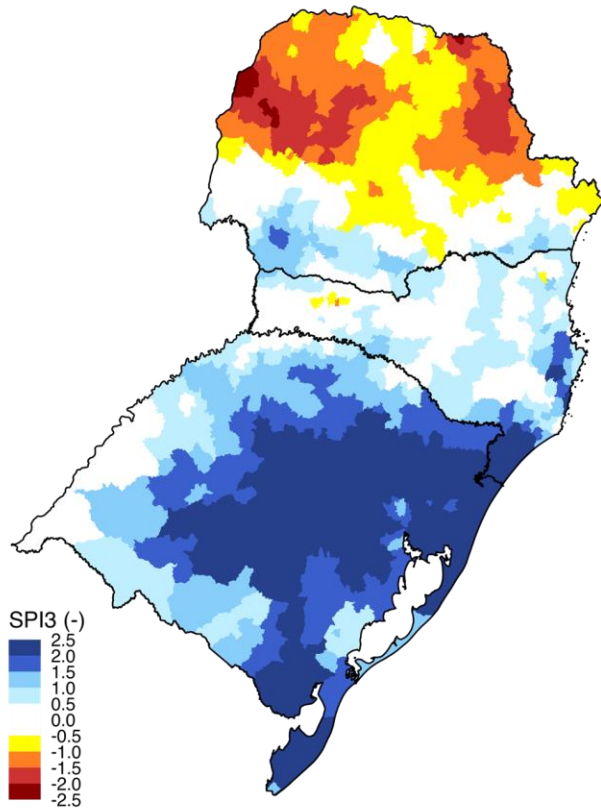


Anomalia de Precipitação (mm) A.S.  
Período: 09/06/2024 a 09/07/2024



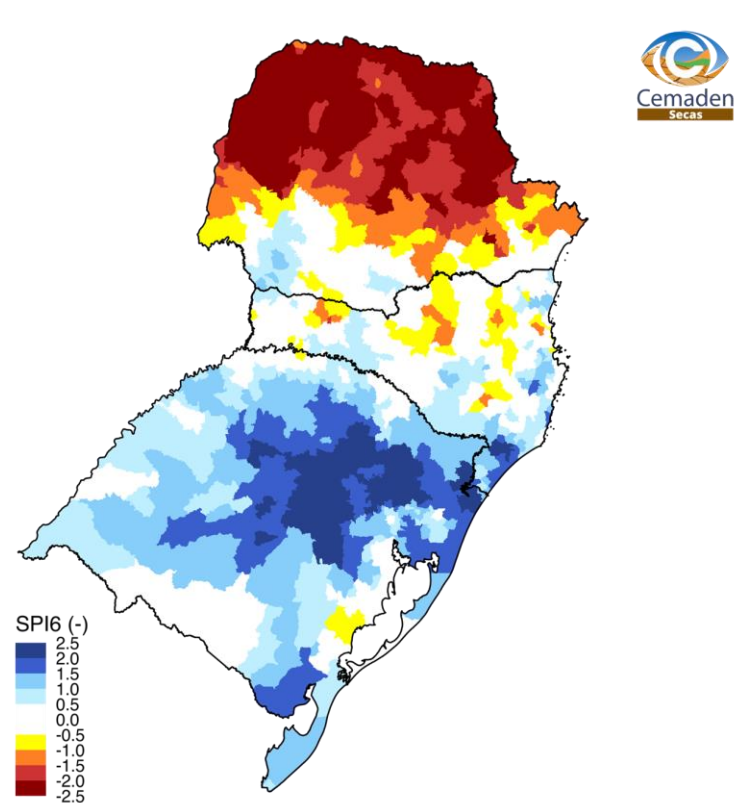
## SPI: JUNHO 2024

### SPI 03



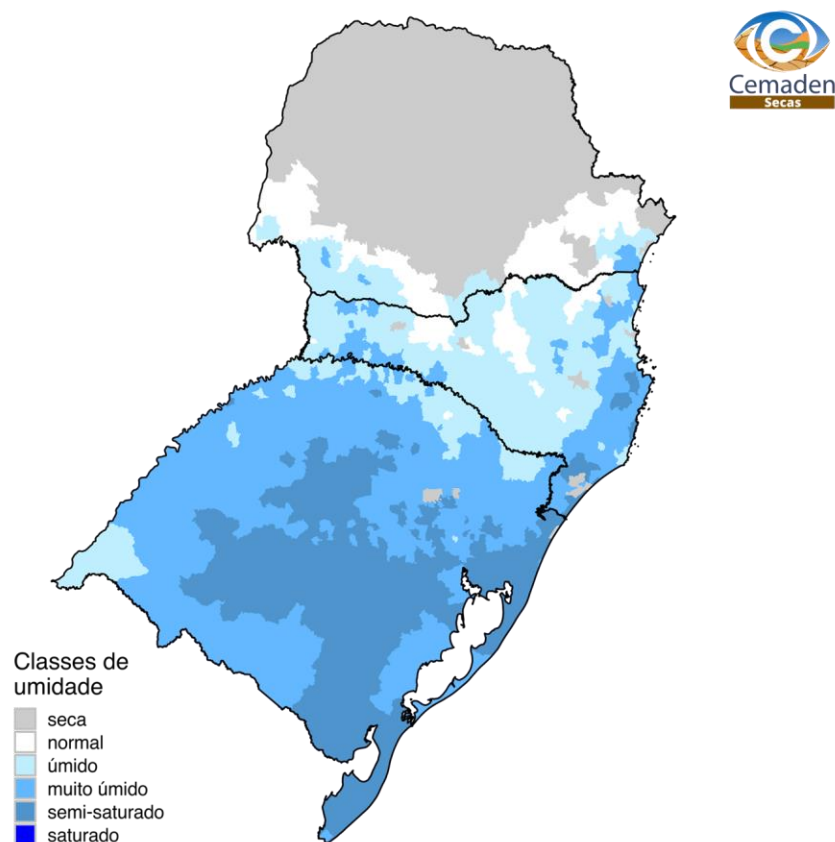
Junho 2024  
Índice Padronizado de Precipitação (SPI, 3 meses)  
Fonte: Cemaden/MCTI.

### SPI 06

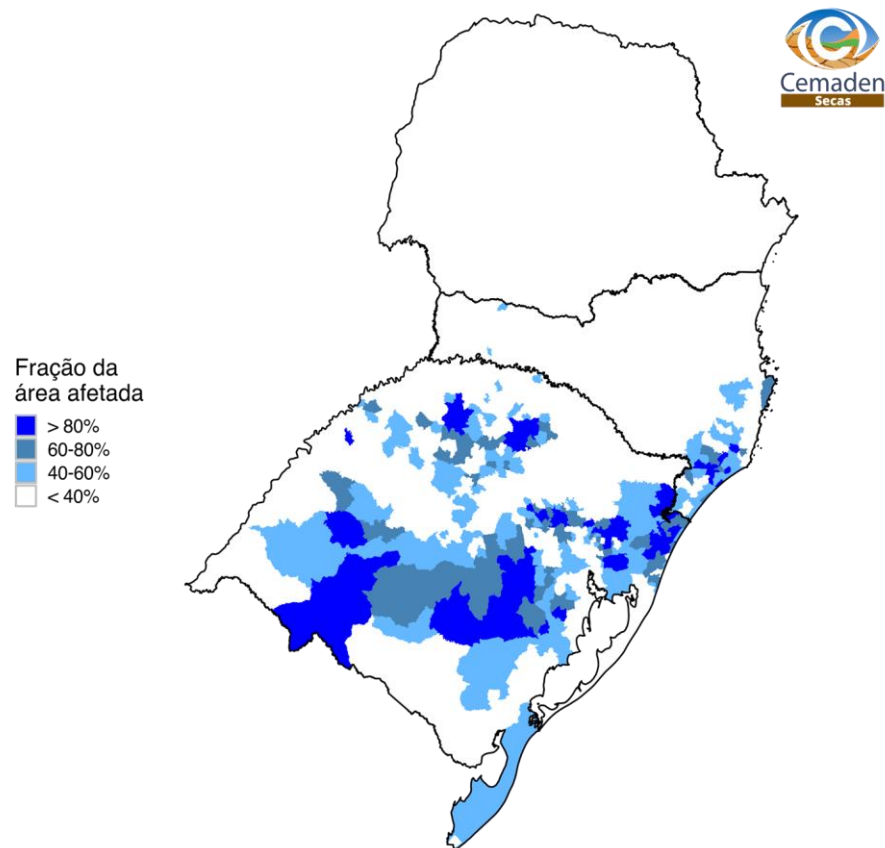


Junho 2024  
Índice Padronizado de Precipitação (SPI, 6 meses)  
Fonte: Cemaden/MCTI.

## IARA (SPI, SM, VHI)



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



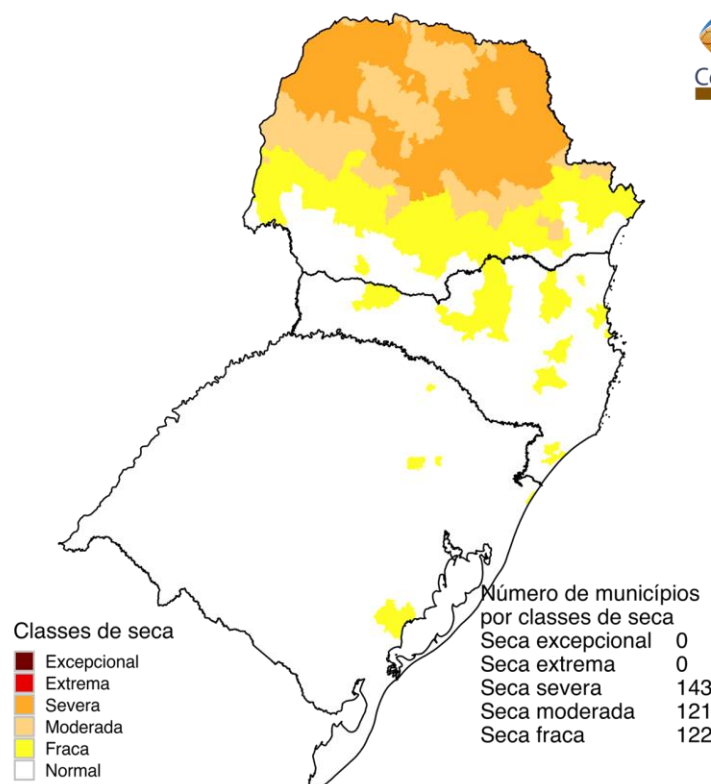
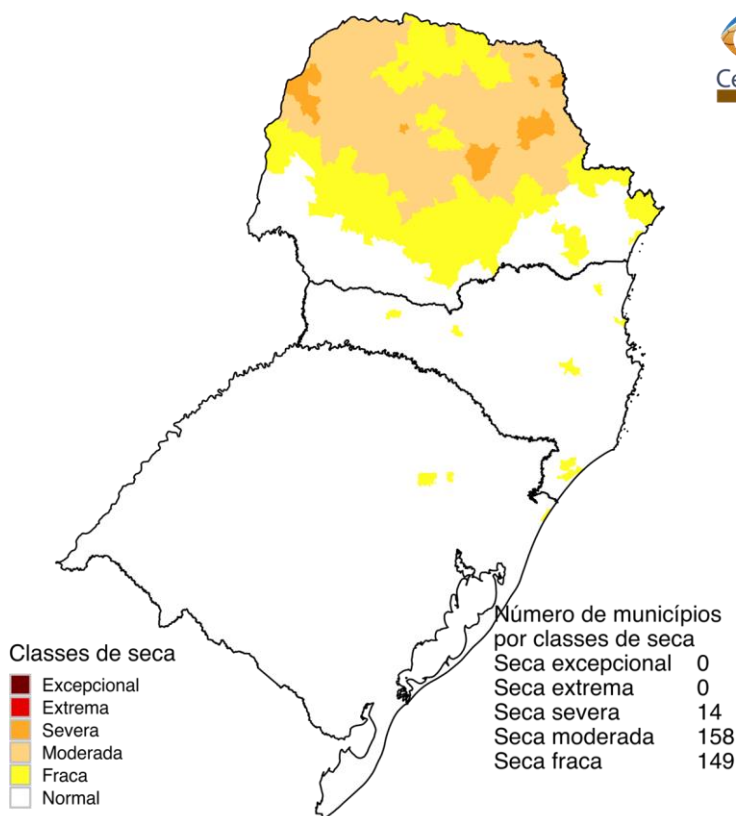
**Impacto: Muito úmido à saturado.**

Junho 2024  
Fração da área agroprodutiva afetada pelo excesso de água - IARA  
Fonte: Cemaden/MCTI.

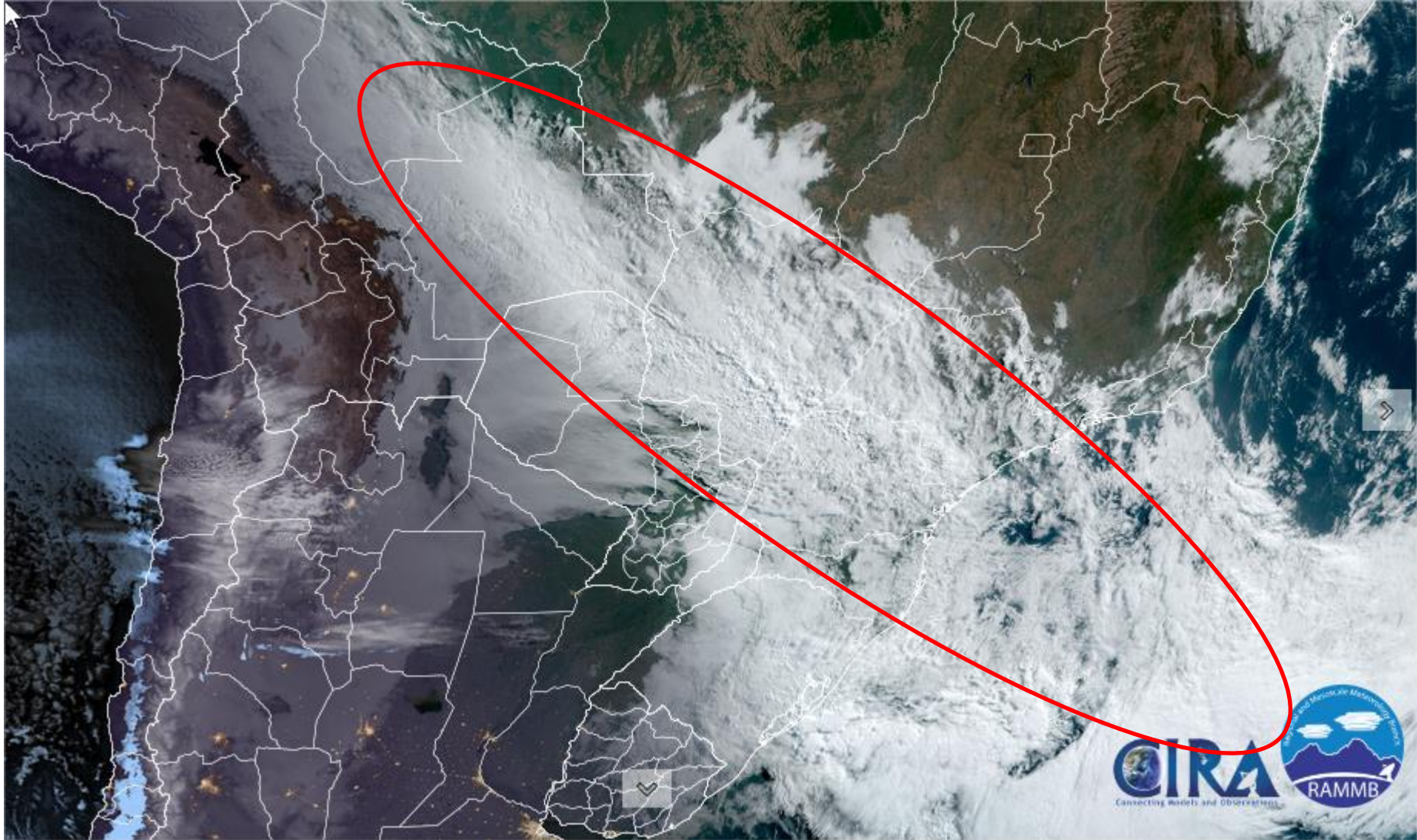
## ÍNDICE INTEGRADO DE SECA - IIS (SPI3 E 6 + VHI + AUS): JUNHO /2024

**IIS 3 MESES**

**IIS 6 MESES**

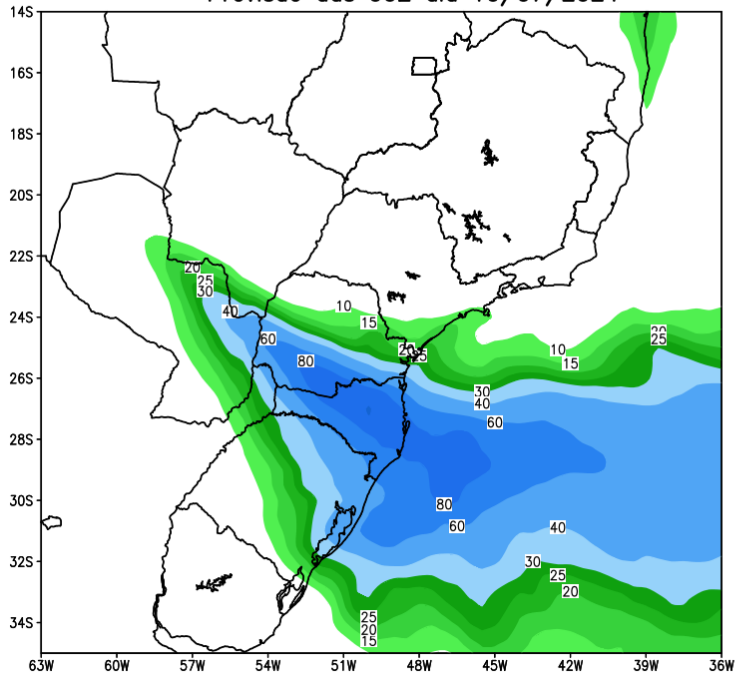


# Situação meteorológica atual

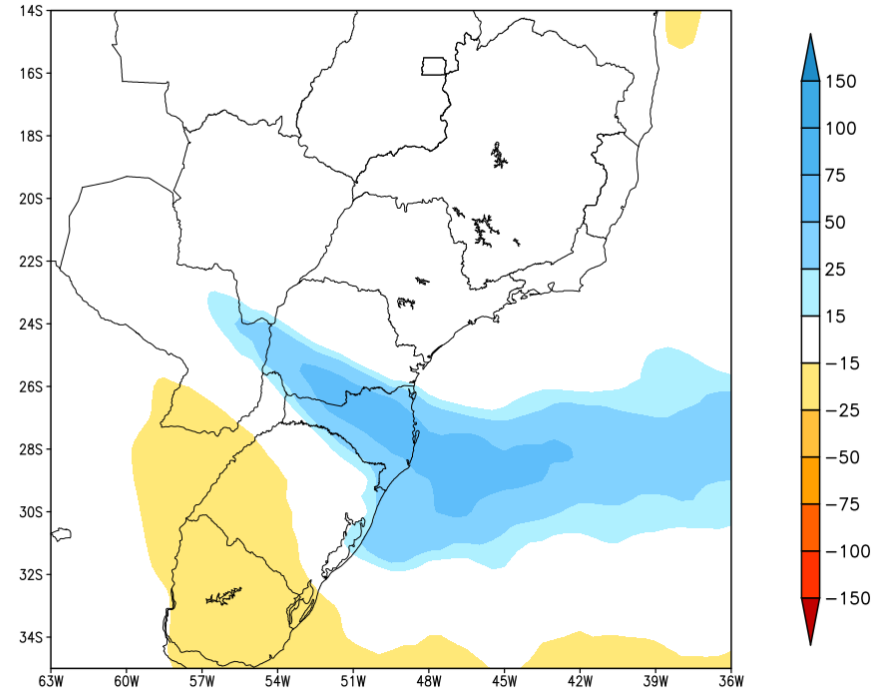


## Previsão de chuva próximos 7 dias

GEFS / BRASIL\_SUL  
Precipitação acumulada 1aSem (mm)  
Previsão das 00Z dia 10/07/2024



Anomalia de Precipitação BR SUL (mm)  
Período: 2024071000 a 2024071700

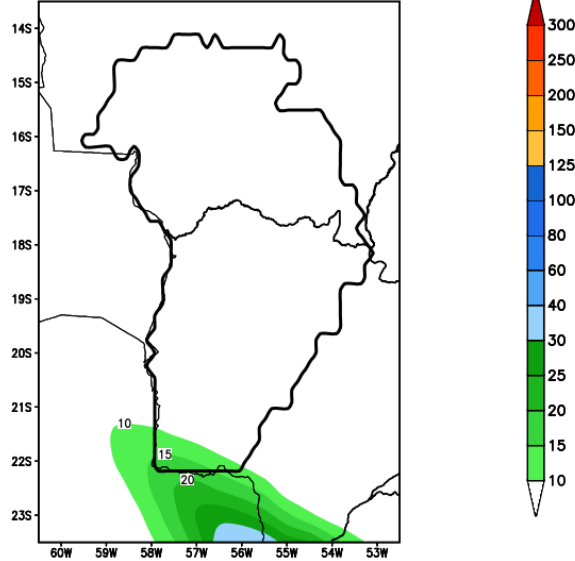


MODELO GEFS

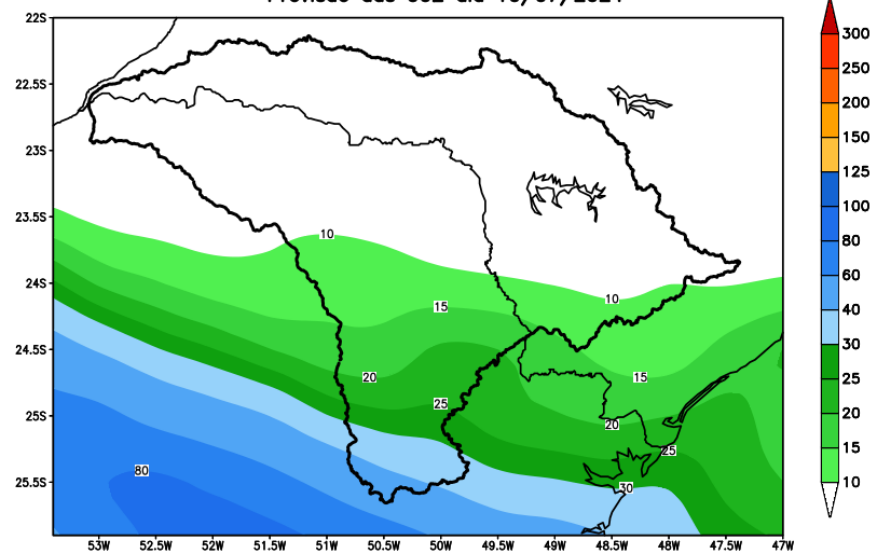


# Previsão para as principais bacias

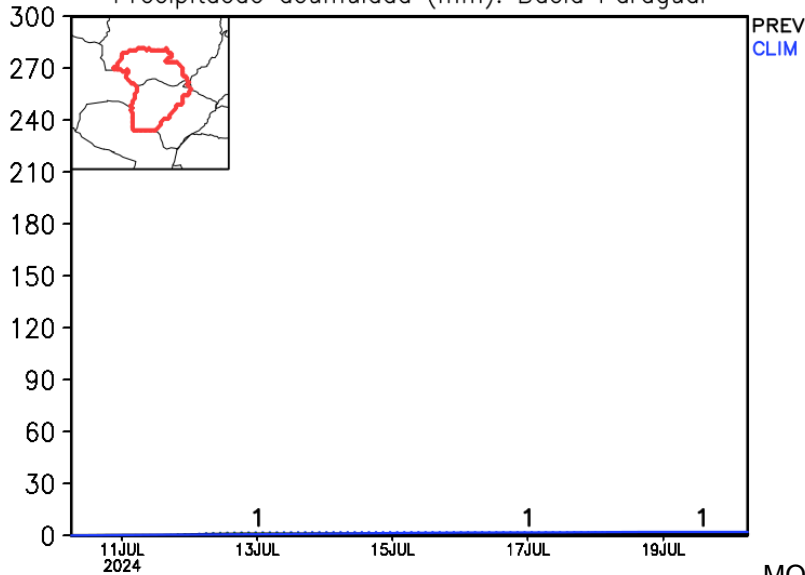
GEFS / Bacia do Rio Paraguai  
Precipitacao acumulada em 7 dias (mm)  
Previsao das 00Z dia 10/07/2024



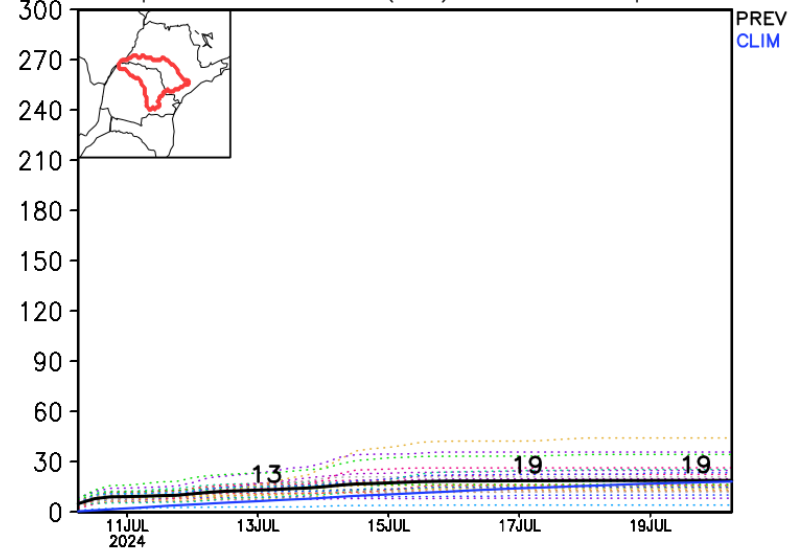
GEFS / Bacia do Rio Paranapanema  
Precipitacao acumulada em 7 dias (mm)  
Previsao das 00Z dia 10/07/2024



Precipitacao acumulada (mm): Bacia Paraguai

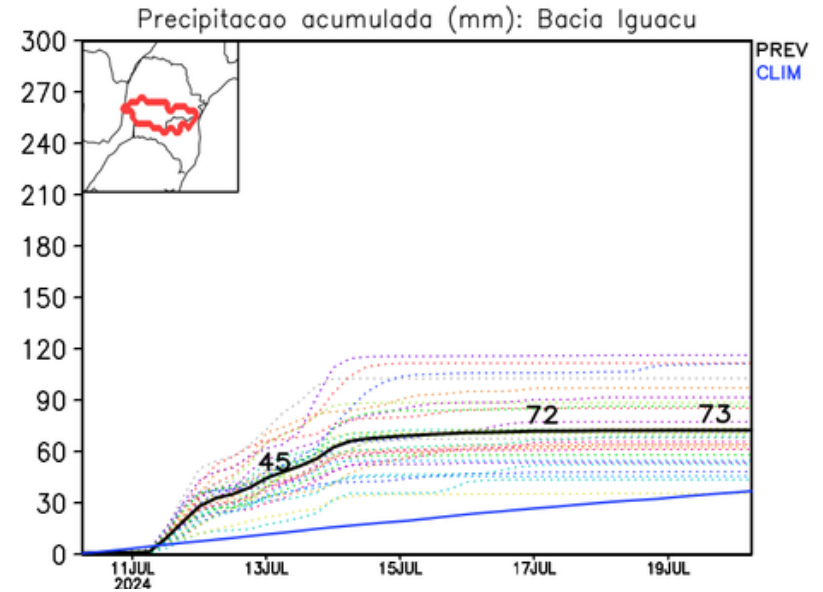
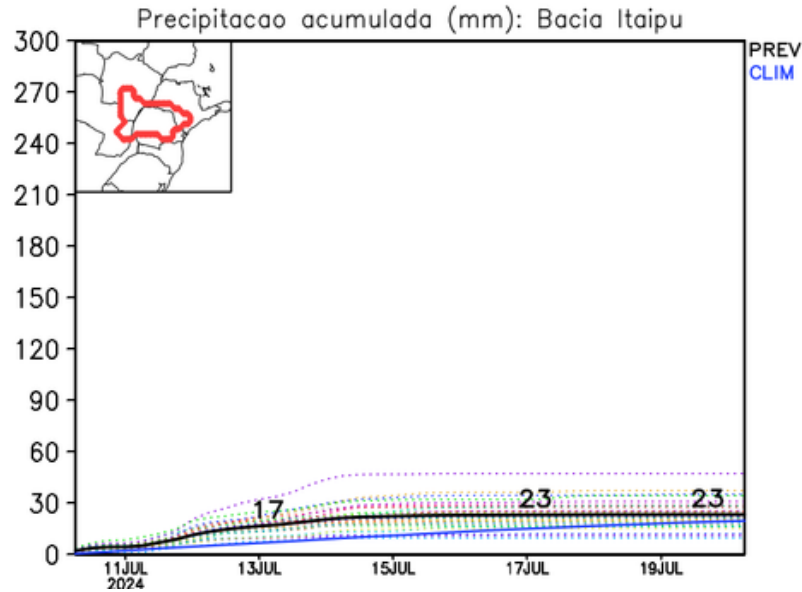
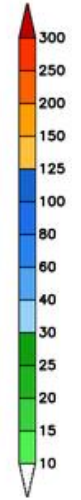
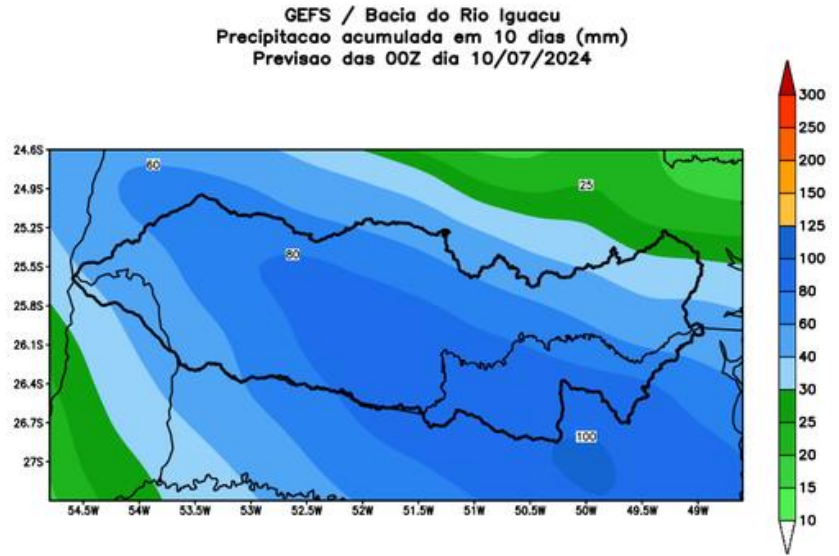
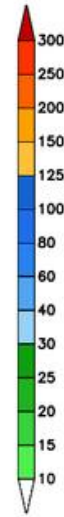
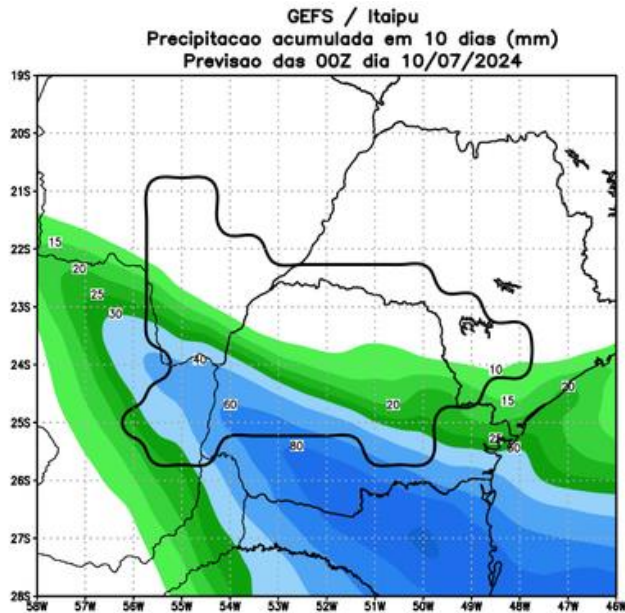


Precipitacao acumulada (mm): Bacia Paranapanema

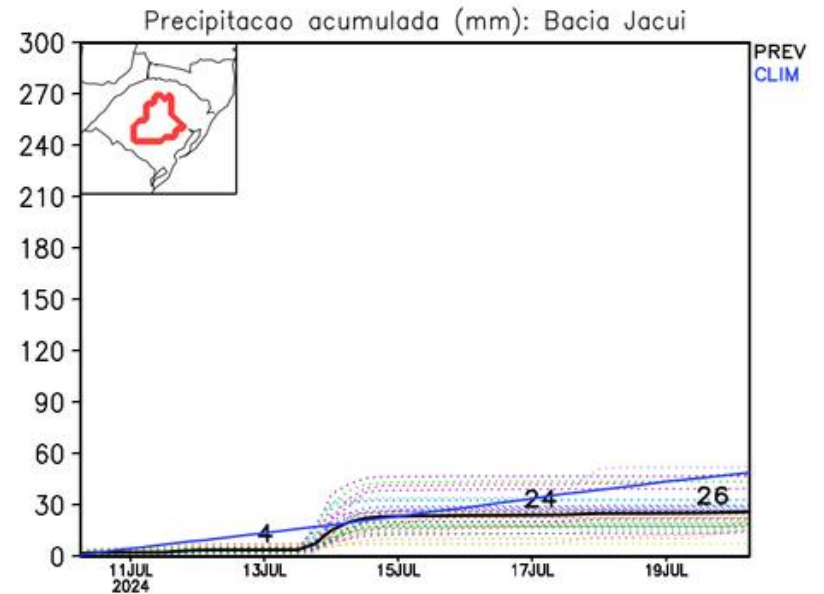
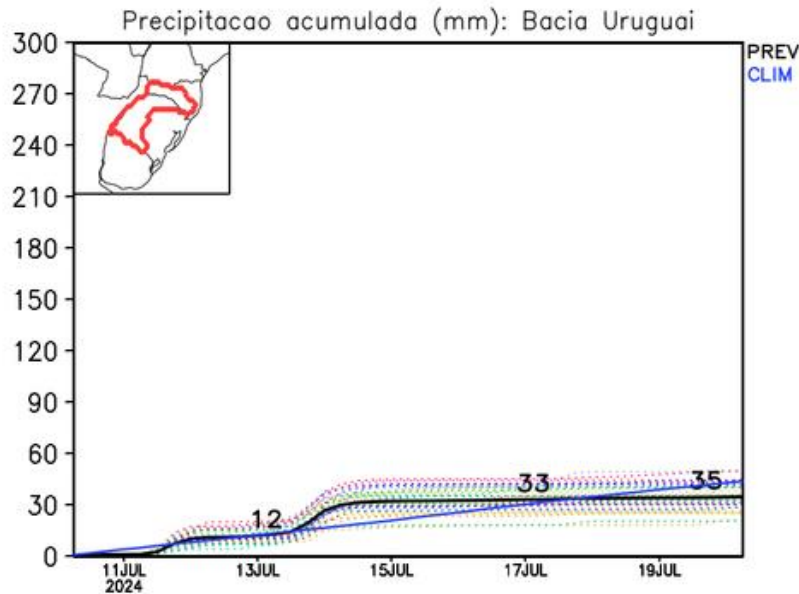
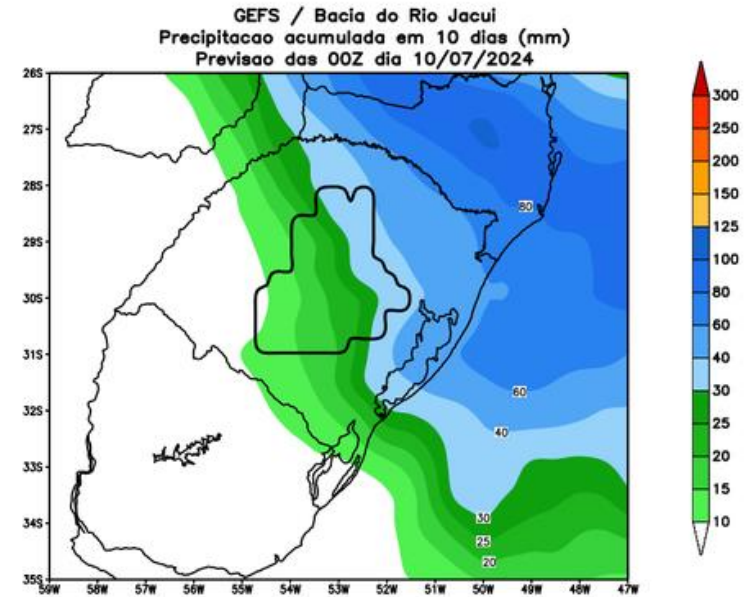
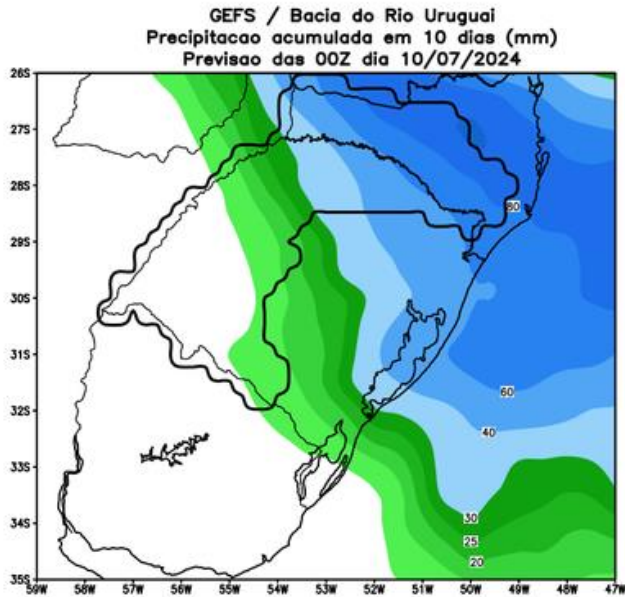


MODELO GEFS

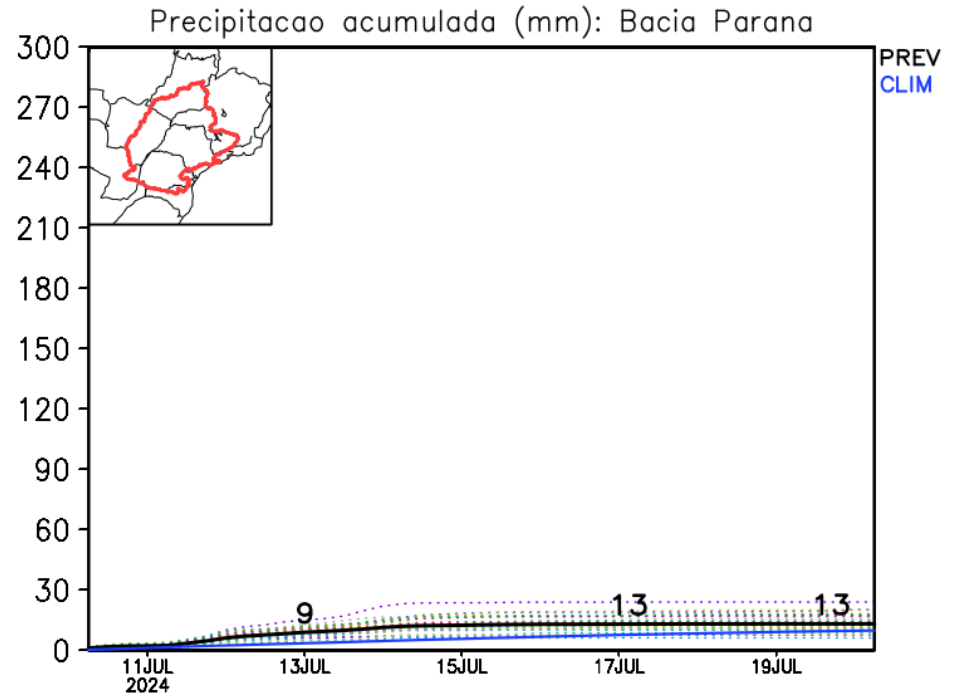
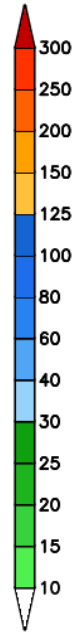
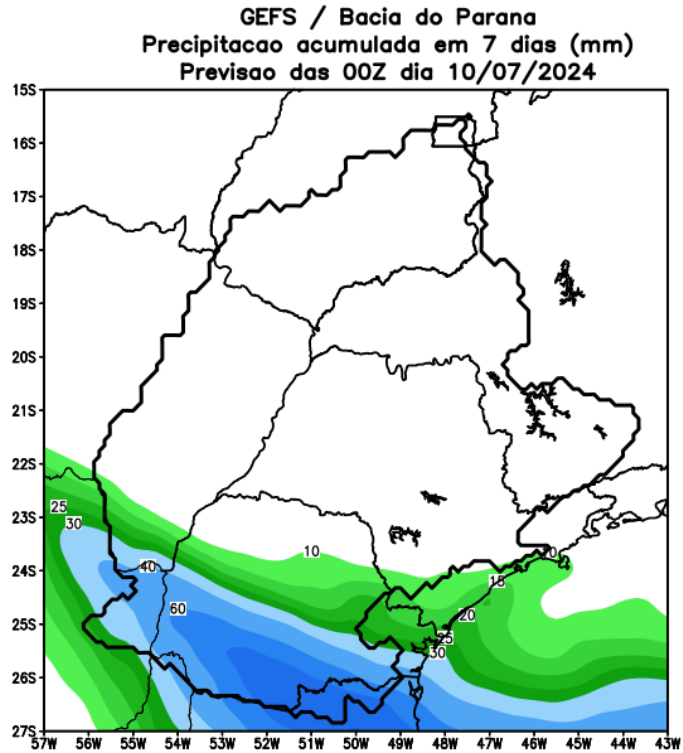
# Previsão para as principais bacias



# Previsão para as principais bacias

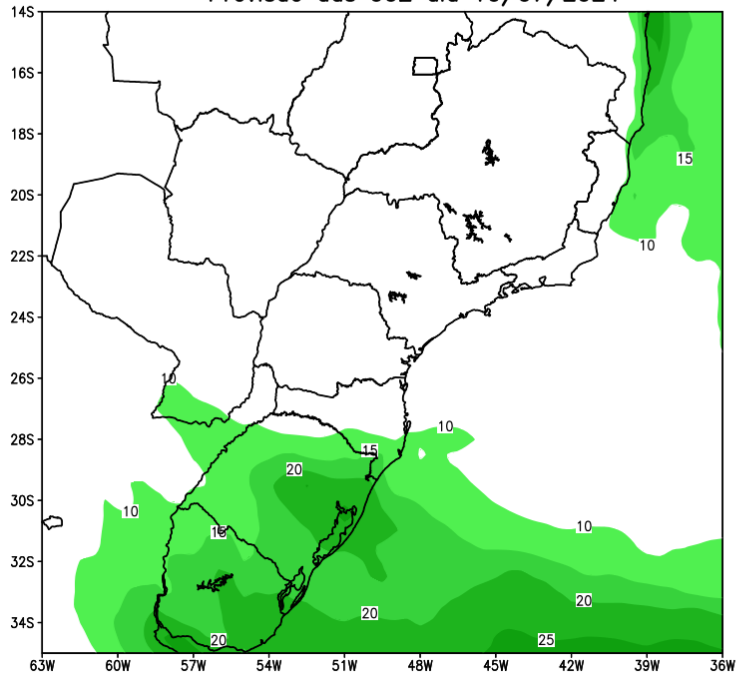


# Previsão para as principais bacias

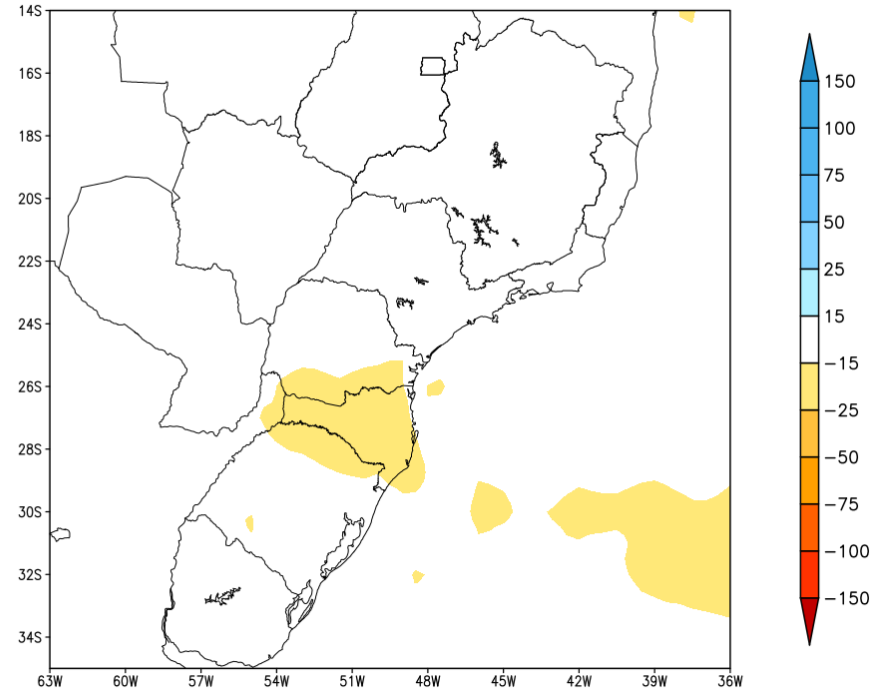


## Tendência para a segunda semana

GEFS / BRASIL\_SUL  
Precipitação acumulada 2aSem (mm)  
Previsão das 00Z dia 10/07/2024



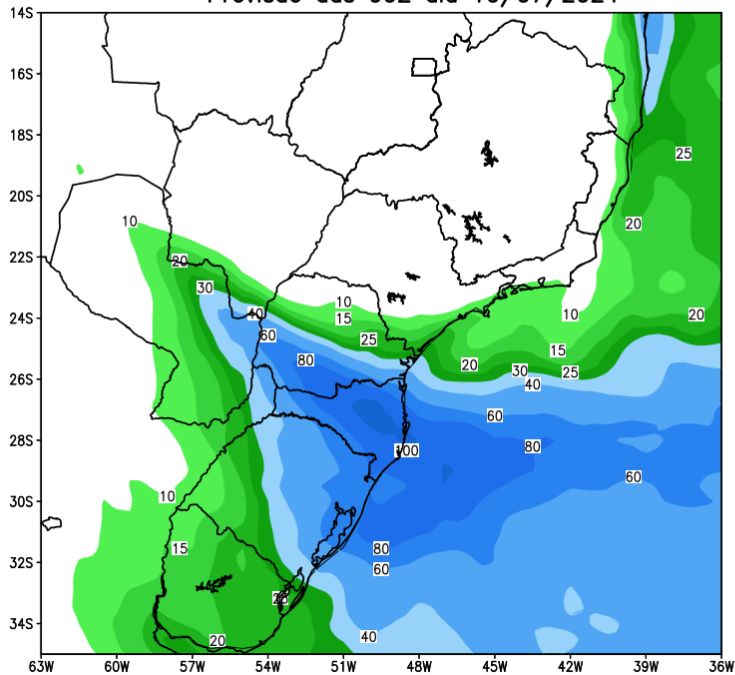
Anomalia de Precipitação BR\_SUL (mm)  
Período: 2024071800 a 2024072400



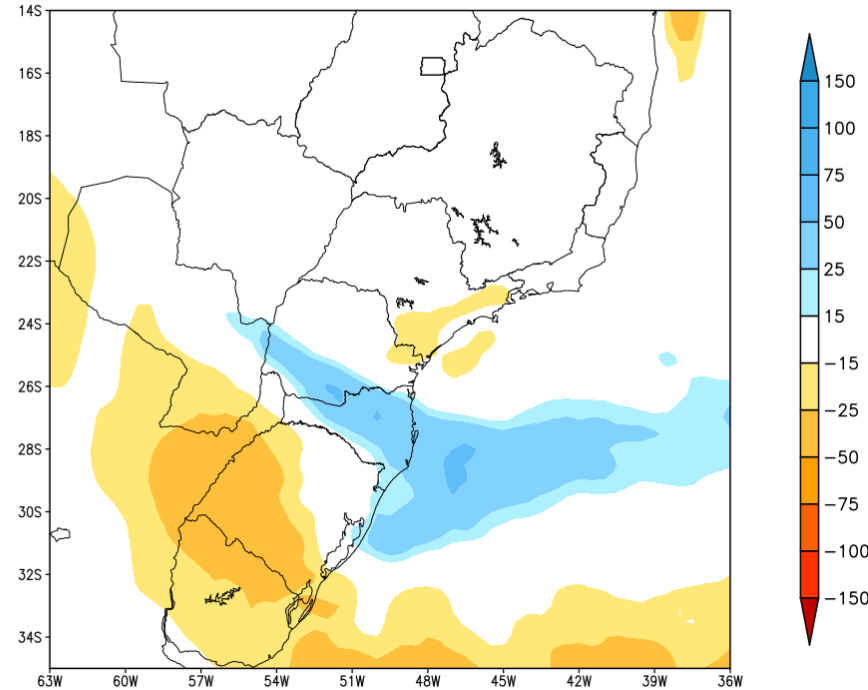
MODELO GFS

## Tendência para as duas próximas semanas

GEFS / BRASIL\_SUL  
Precipitação acumulada 14 dias (mm)  
Previsão das 00Z dia 10/07/2024



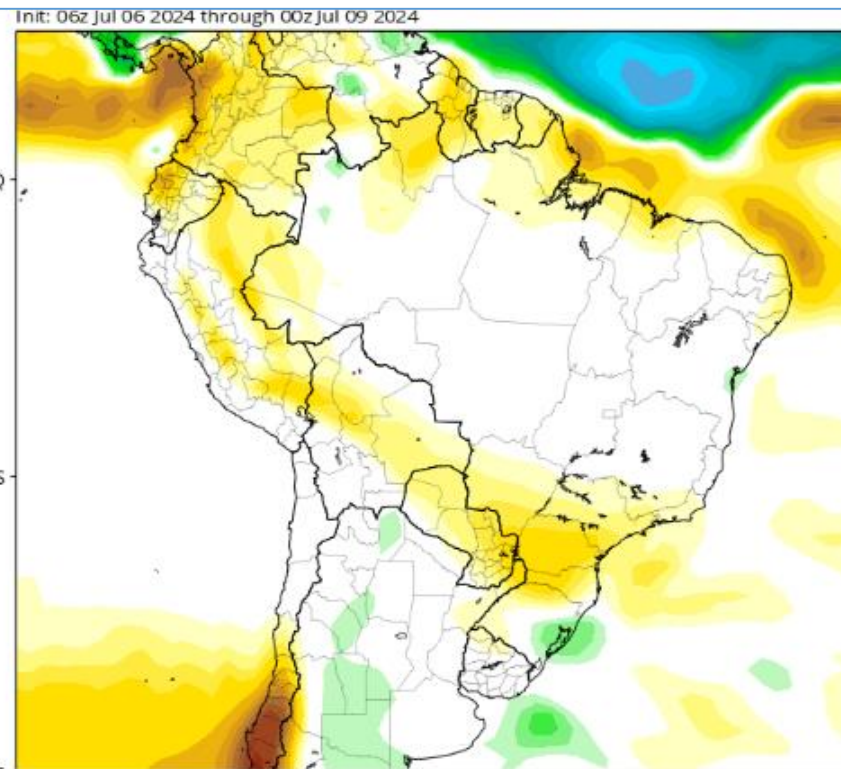
Anomalia de Precipitação BR\_SUL (mm)  
Período: 2024071000 a 2024072400



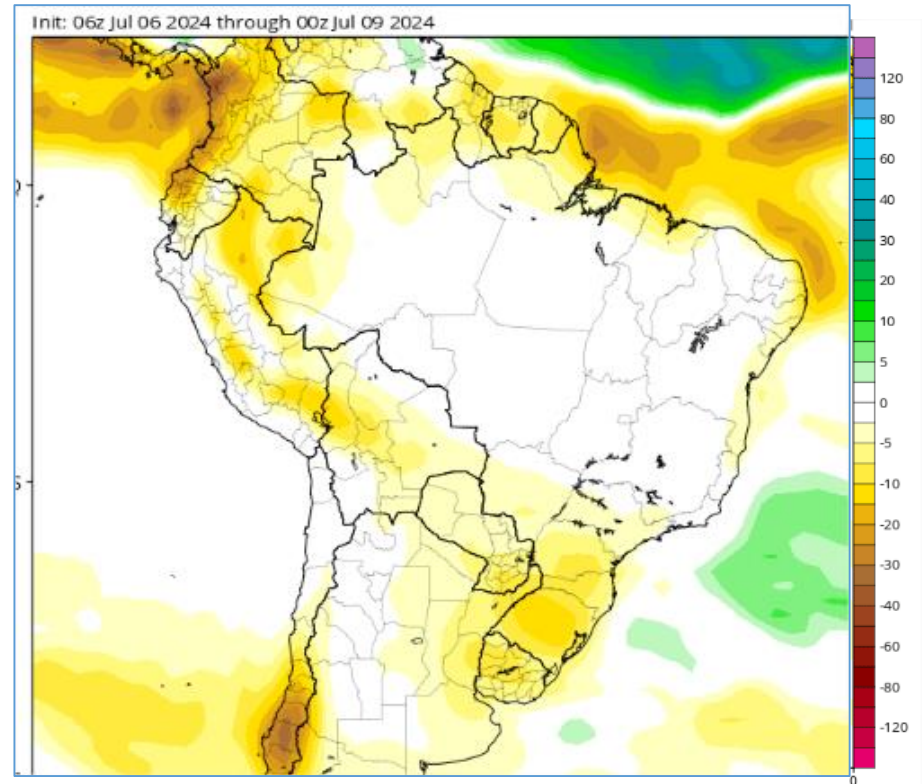
MODELO GEFS

## Tendência 3a e 4a semanas

23-30 Julho

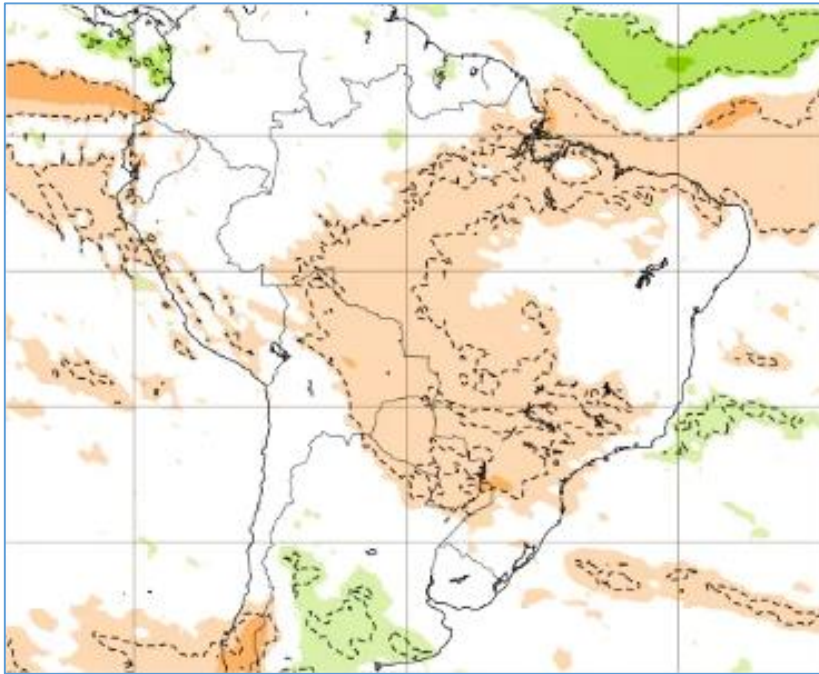


30-Jul 07 Agosto

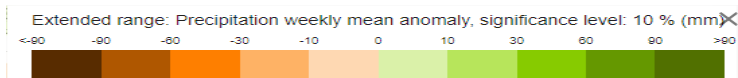
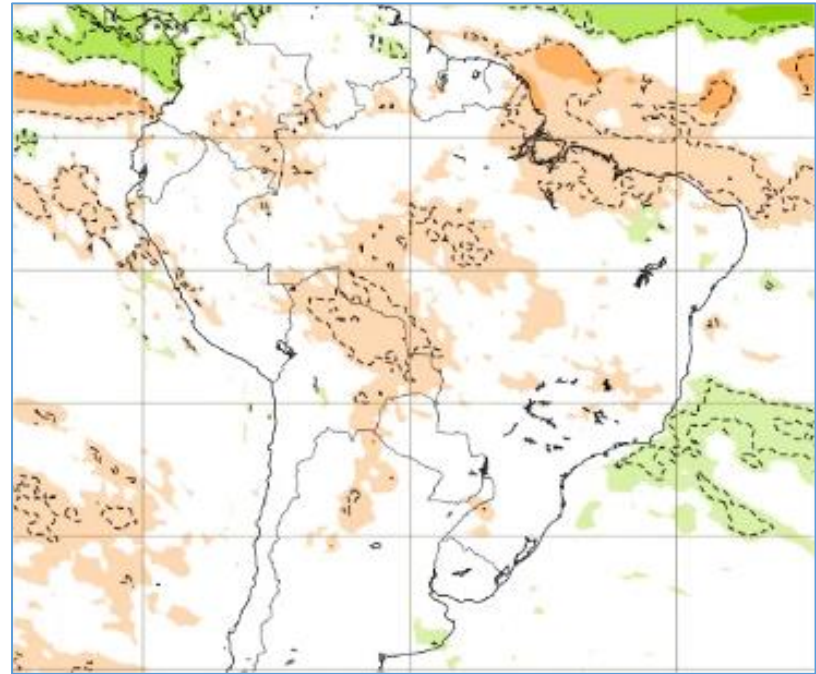


## Tendência para 3ª e 4ª semanas

22-29 Julho



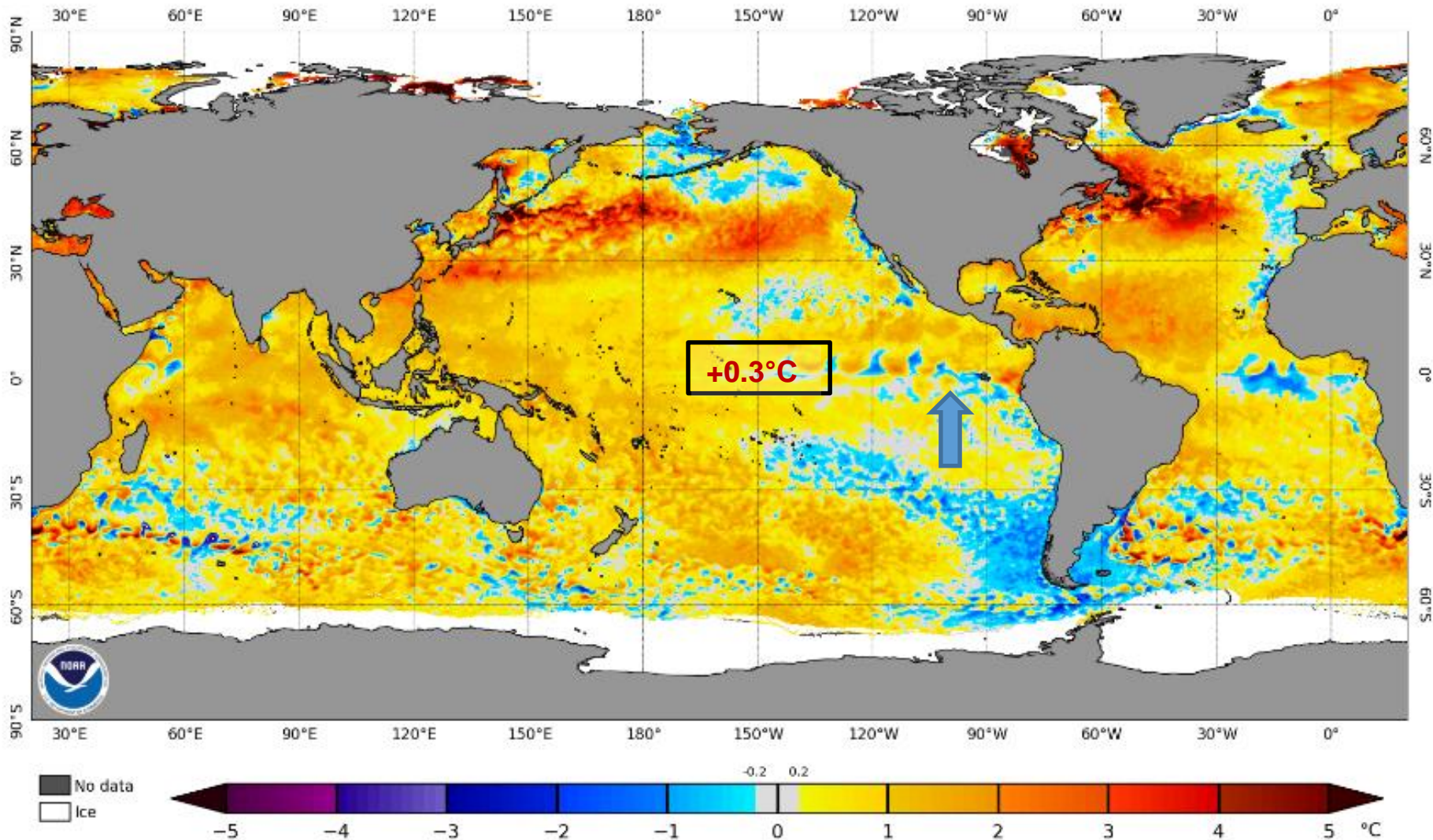
29 Julho-05 Ago



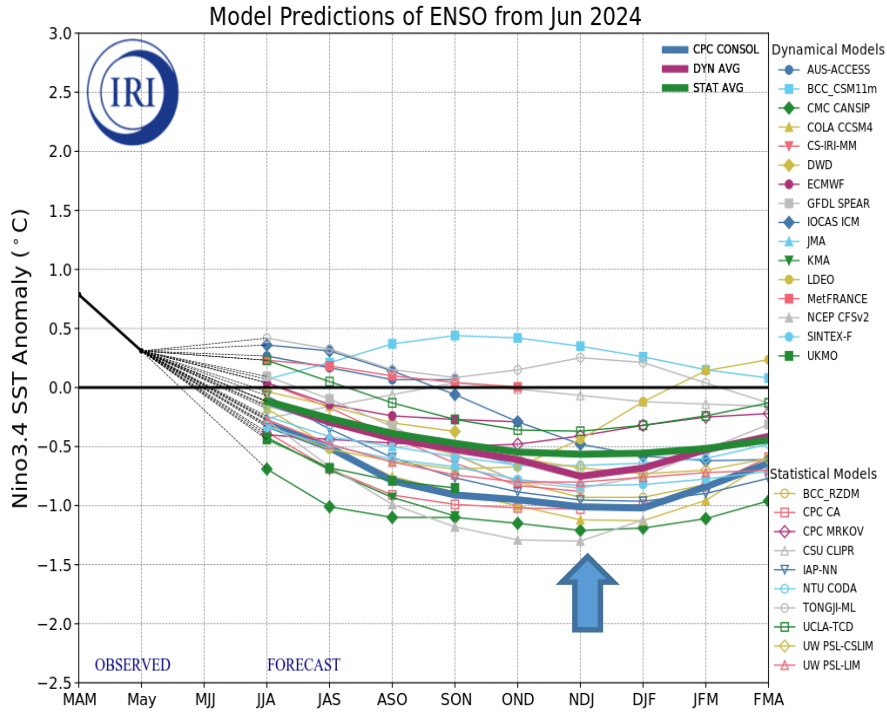


# Status Atual: **La Niña Watch**

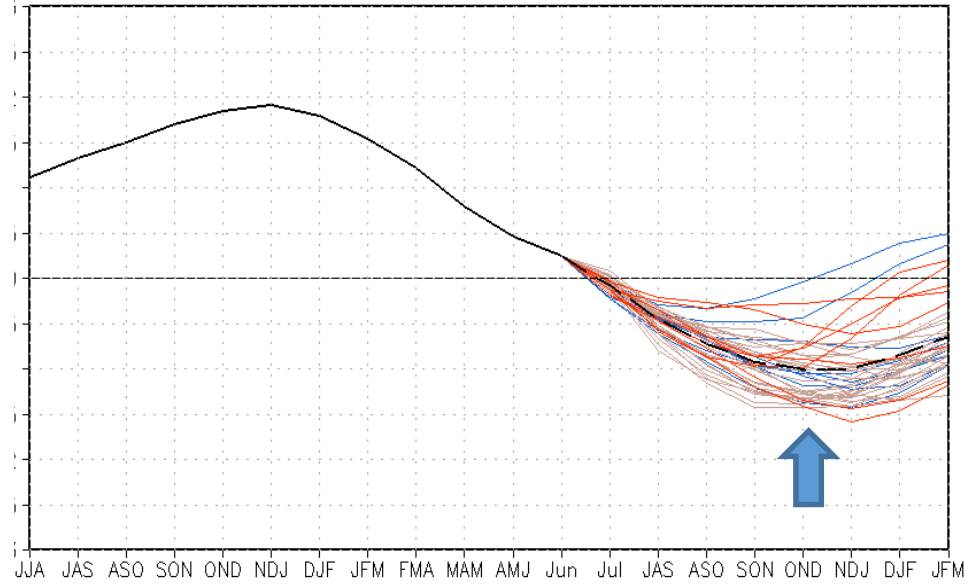
NOAA Coral Reef Watch Daily 5km SST Anomalies (v3.1) 7 Jul 2024



# Previsão do “ENSO”



CFSv2 forecast Nino3.4 SST anomalies (K) (PDF corrected)



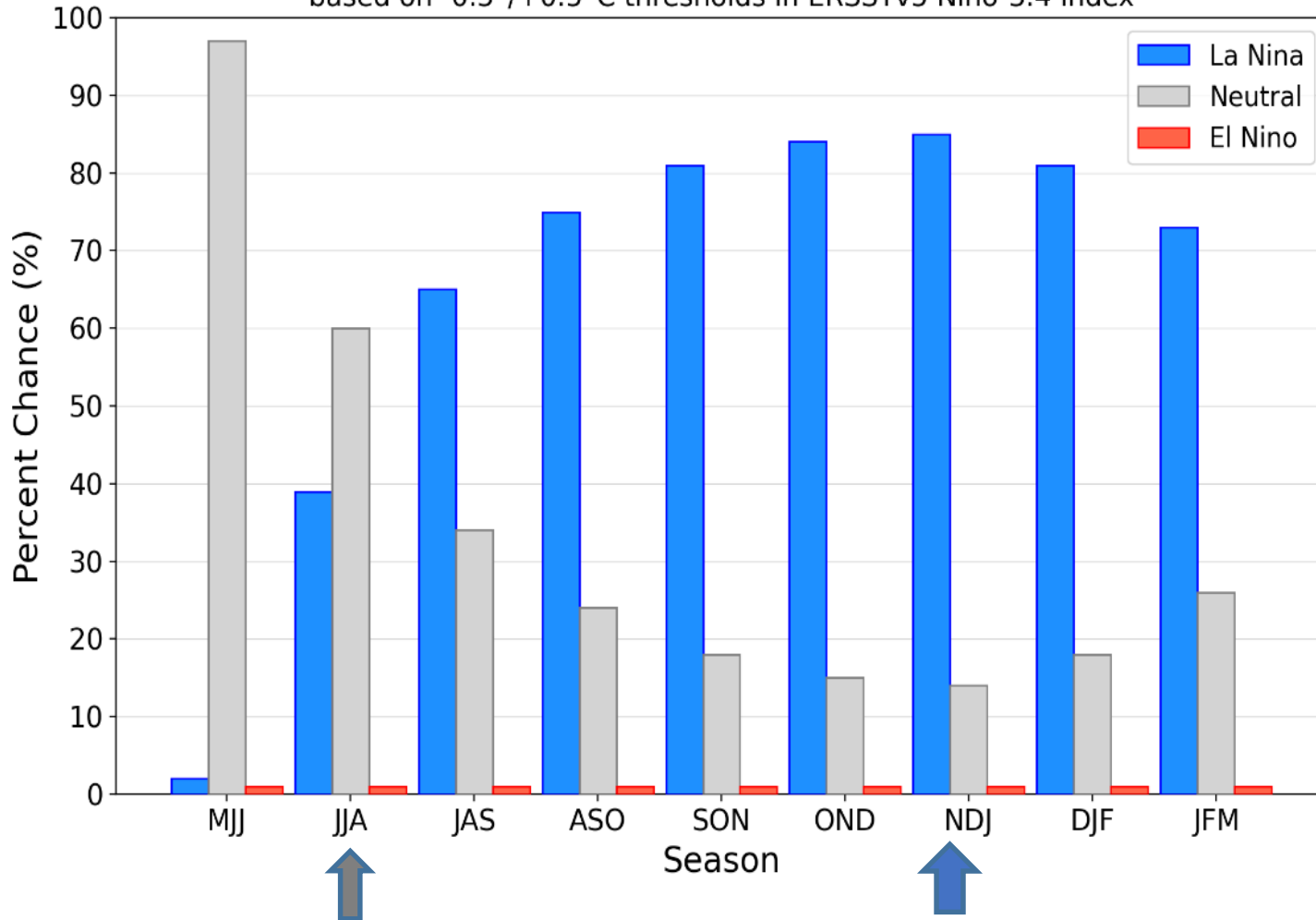
— Latest 8 forecast members  
— Earliest 8 forecast members  
— Other forecast members  
— Forecast ensemble mean  
— NCEI OIv2.1 daily analysis  
 (Climatology base period: 1991–2020)

Atualizado 8 de julho

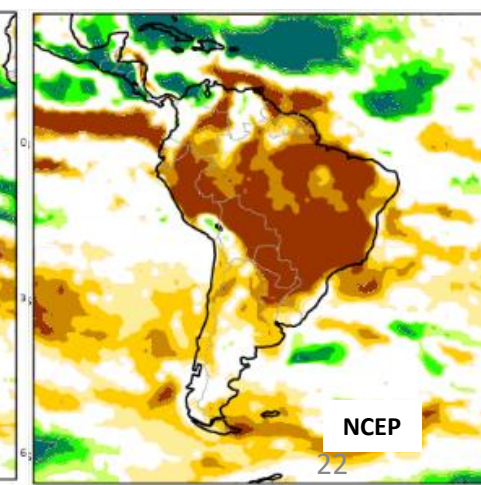
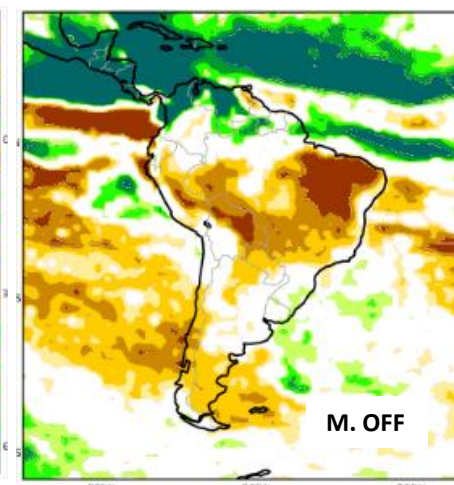
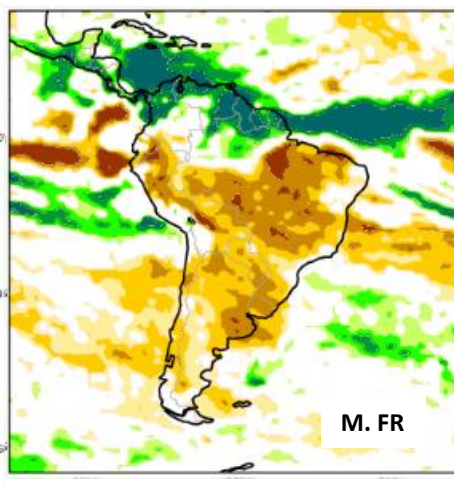
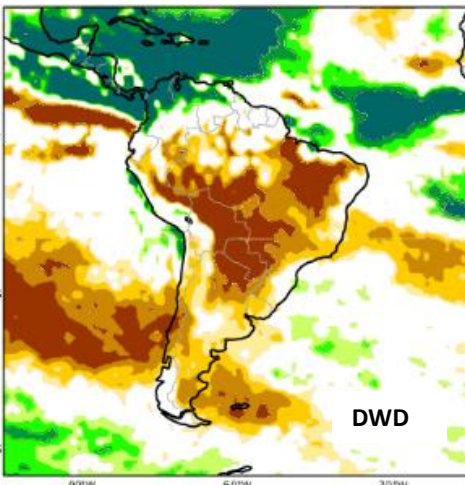
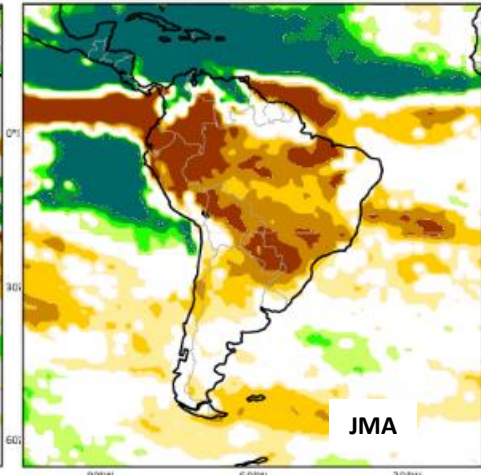
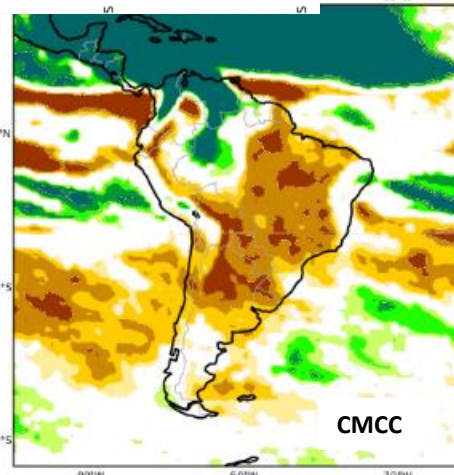
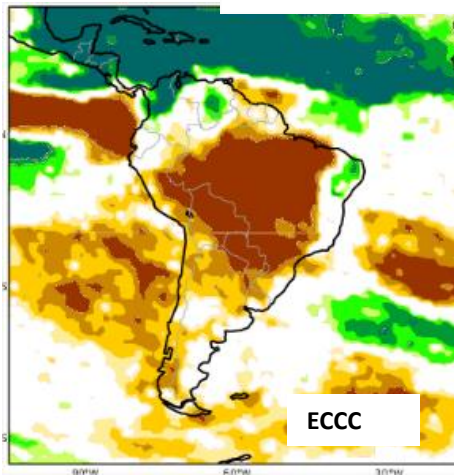
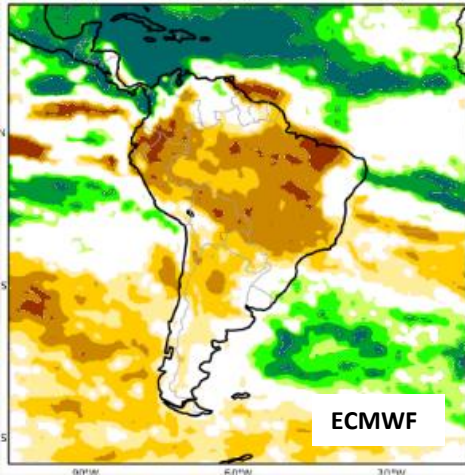
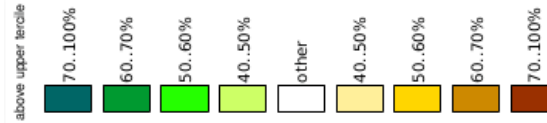
# Previsão do “ENSO”

## Official NOAA CPC ENSO Probabilities (issued June 2024)

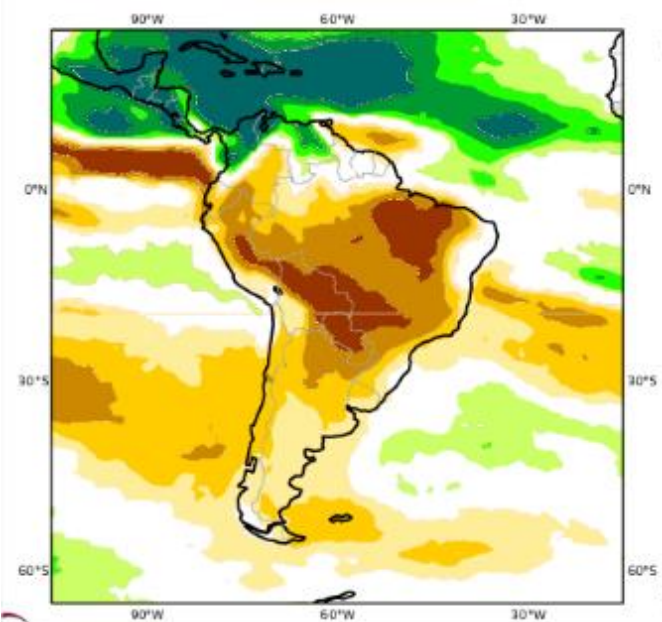
based on  $-0.5^{\circ}/+0.5^{\circ}\text{C}$  thresholds in ERSSTv5 Niño-3.4 index



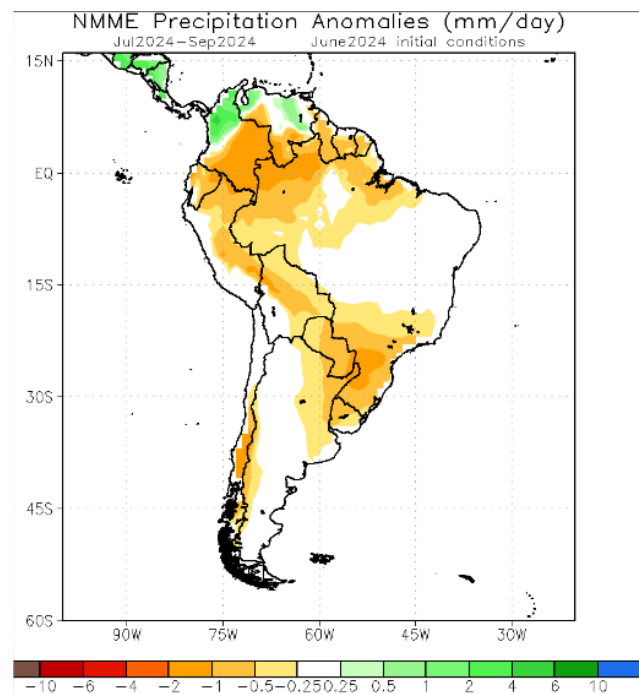
# Previsão Sazonal de Chuva JAS



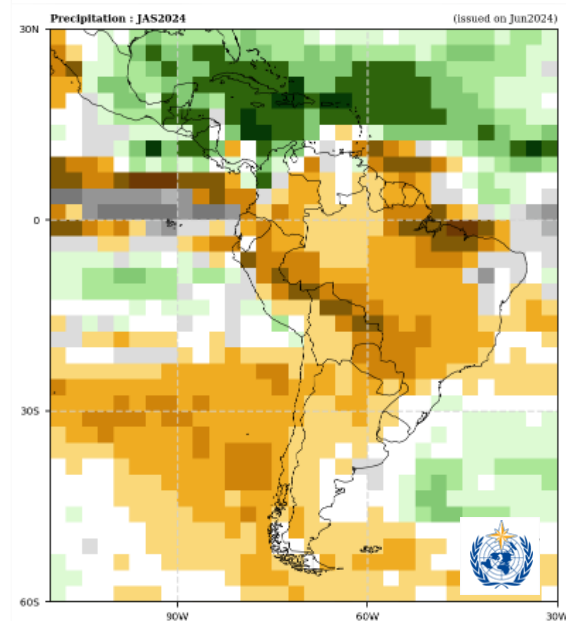
# Previsão Sazonal de Chuva Multi-Modelo para JAS



Modelos Europeus



Modelos Americanos



Modelos da Organização Meteorológica Mundial