



**CEMADEN**

**Centro Nacional de Monitoramento e  
Alertas de Desastres Naturais**

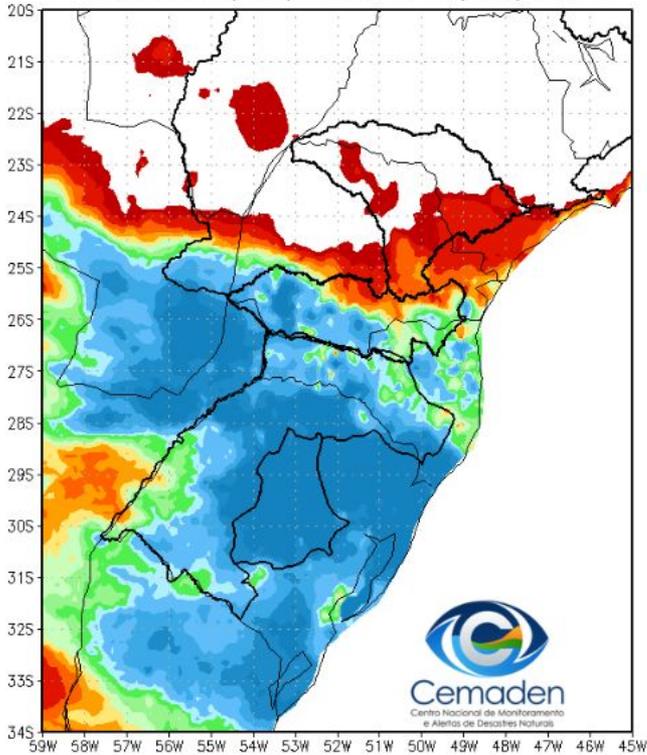
# Sala de Crise da Região Sul

Maio de 2024

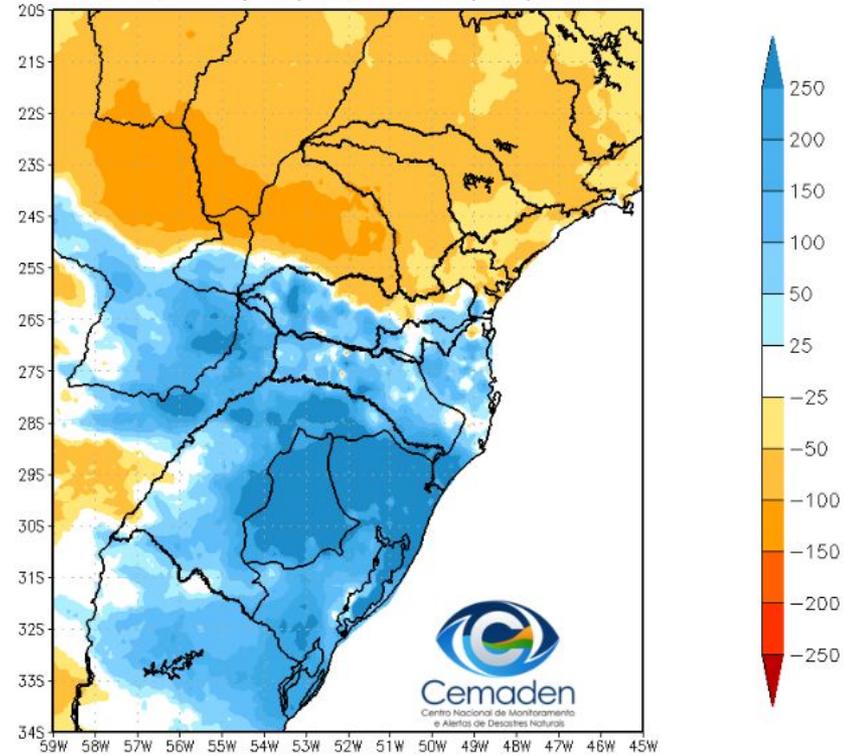


# Chuva últimos 30 dias

Precipitacao Acumulada (mm) A.S.  
Periodo: 21/04/2024 a 21/05/2024

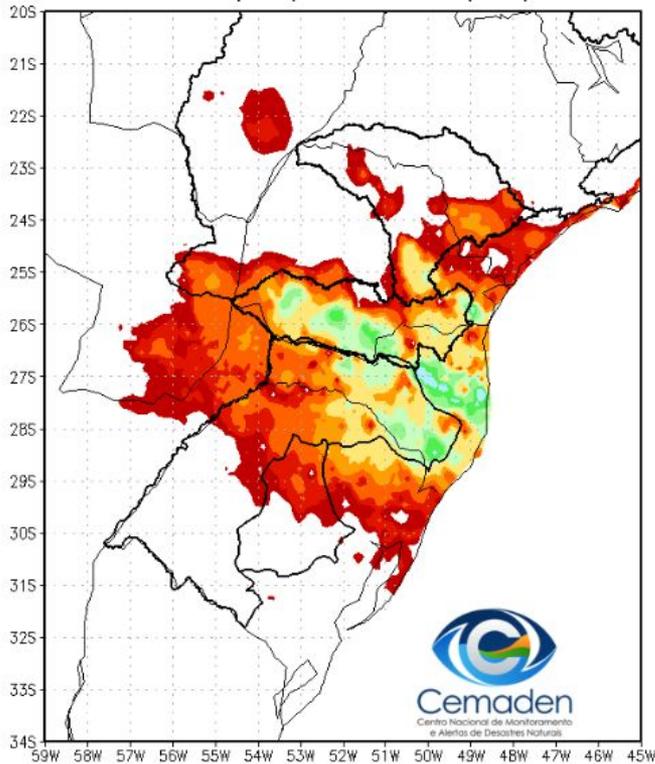


Anomalia de Precipitacao (mm) A.S.  
Periodo: 21/04/2024 a 21/05/2024

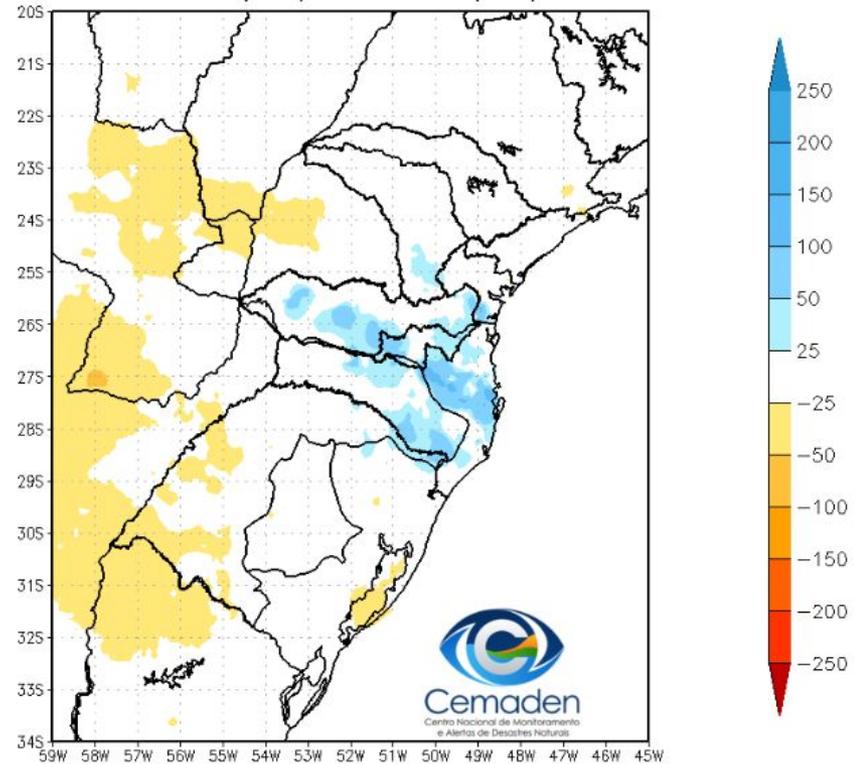


# Chuva últimos 05 dias

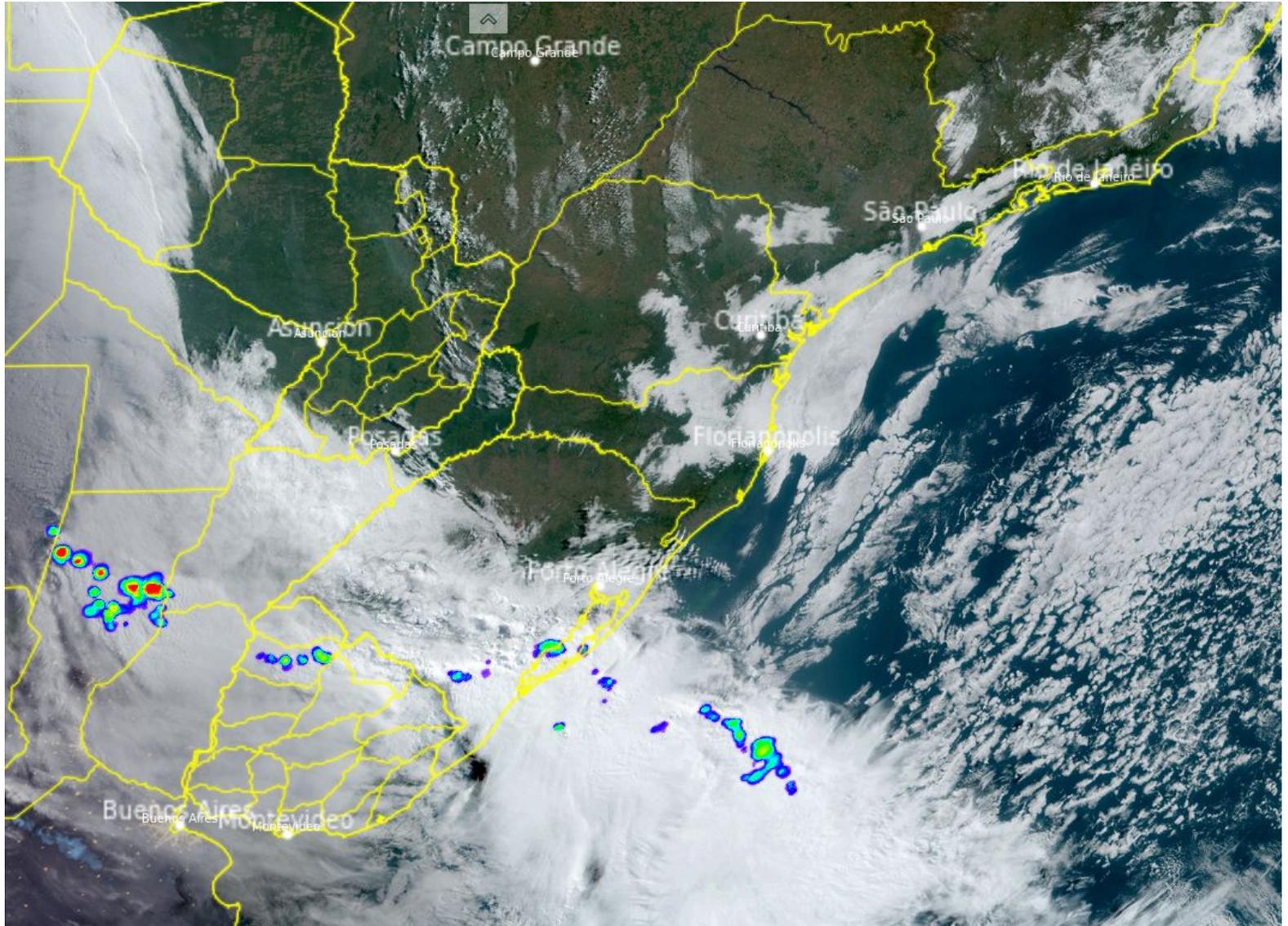
Precipitacao Acumulada (mm) A.S.  
Periodo: 16/05/2024 a 21/05/2024



Anomalia de Precipitacao (mm) A.S.  
Periodo: 16/05/2024 a 21/05/2024

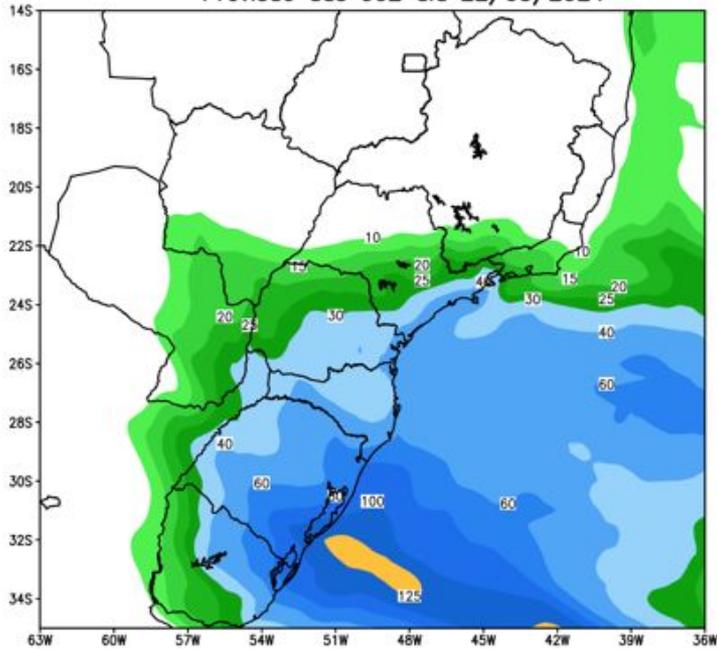


# Situação meteorológica atual

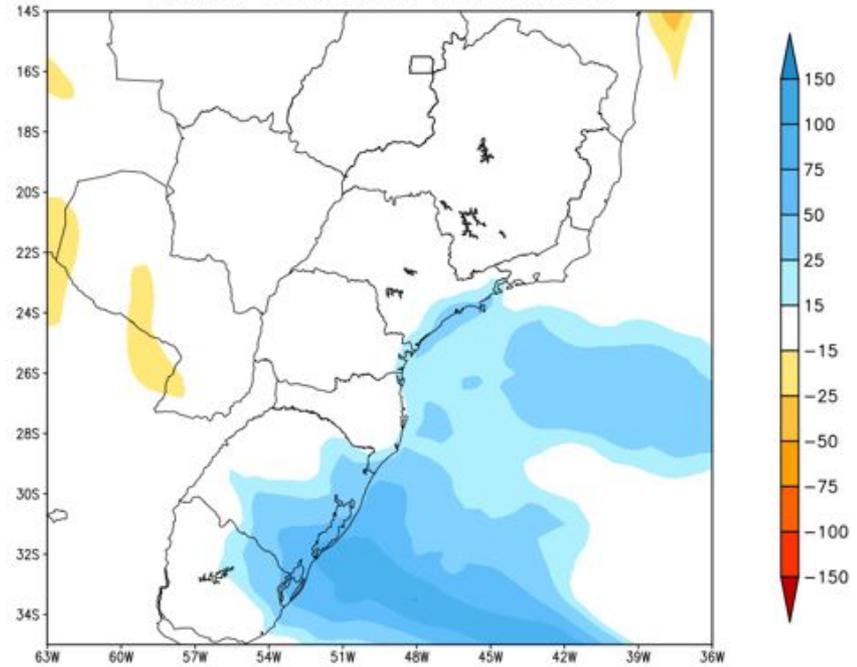


# Previsão de chuva próximos 14 dias

GEFS / BRASIL\_SUL  
Precipitacao acumulada 1aSem (mm)  
Previsao das 00Z dia 22/05/2024



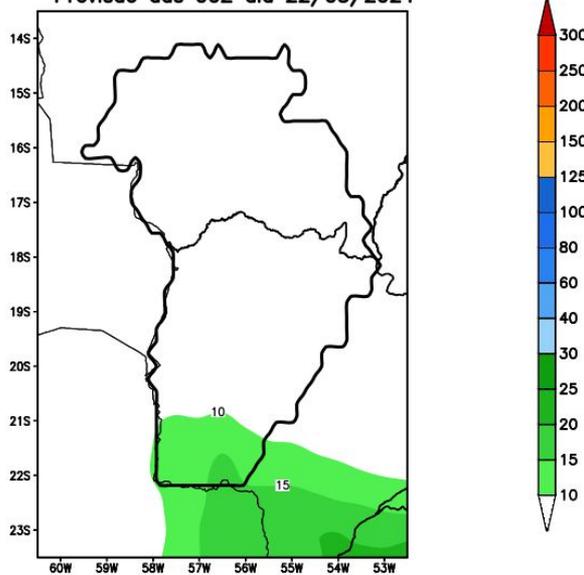
Anomalia de Precipitacao BR SUL (mm)  
Periodo: 2024052200 a 2024052900



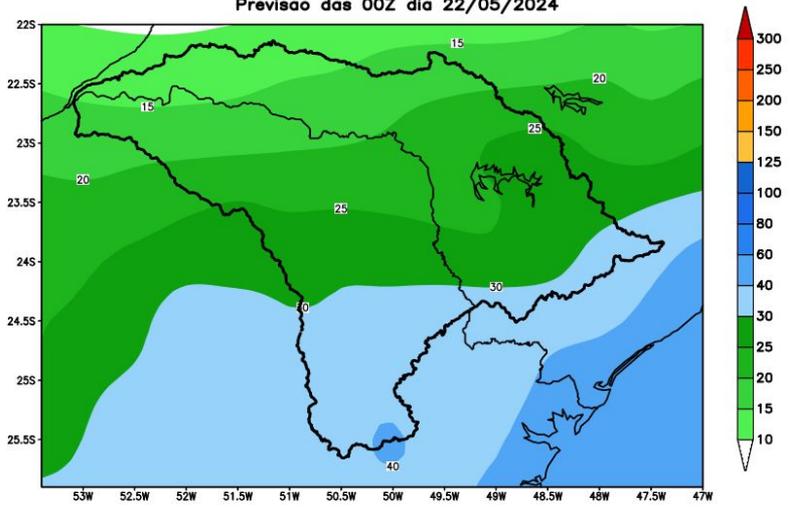
MODELO  
GEFS/NCEP/NOAA

# Previsão para as principais bacias

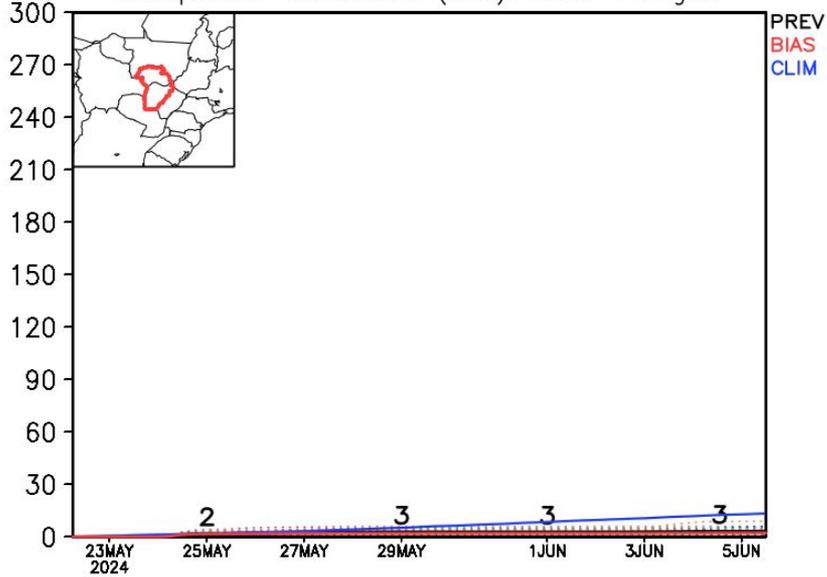
GEFS / Bacia do Rio Paraguai  
Precipitação acumulada em 7 dias (mm)  
Previsão das 00Z dia 22/05/2024



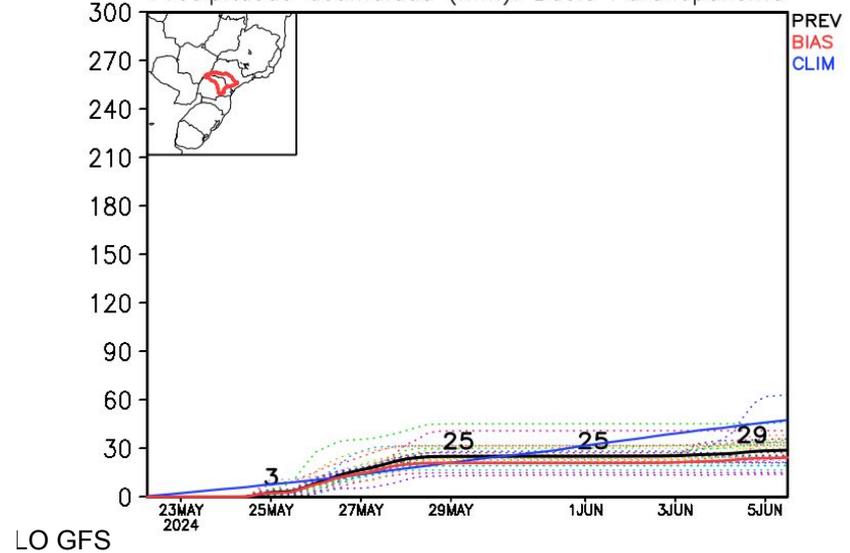
GEFS / Bacia do Rio Paranapanema  
Precipitação acumulada em 7 dias (mm)  
Previsão das 00Z dia 22/05/2024



Precipitação acumulada (mm): Bacia Paraguai

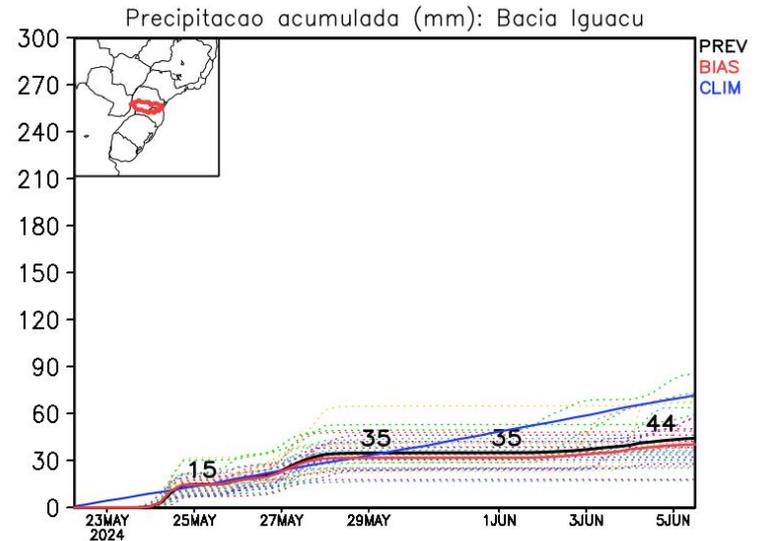
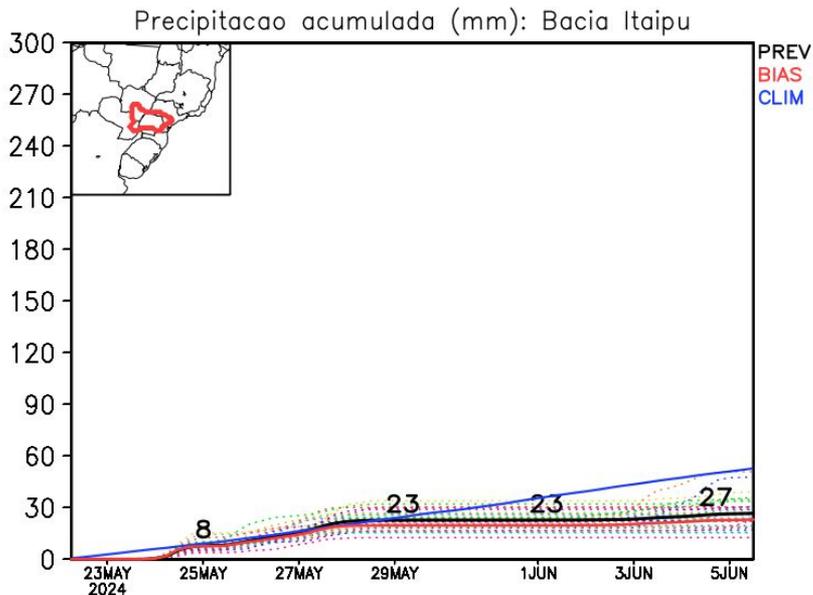
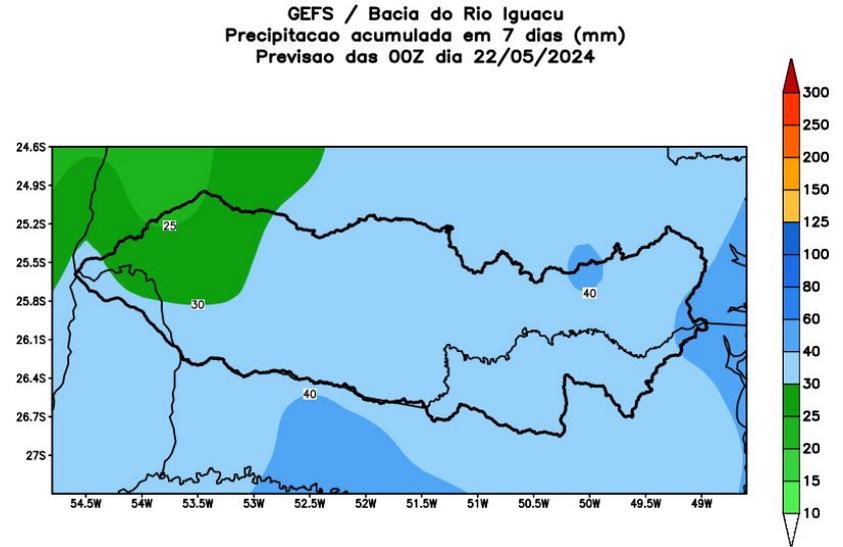
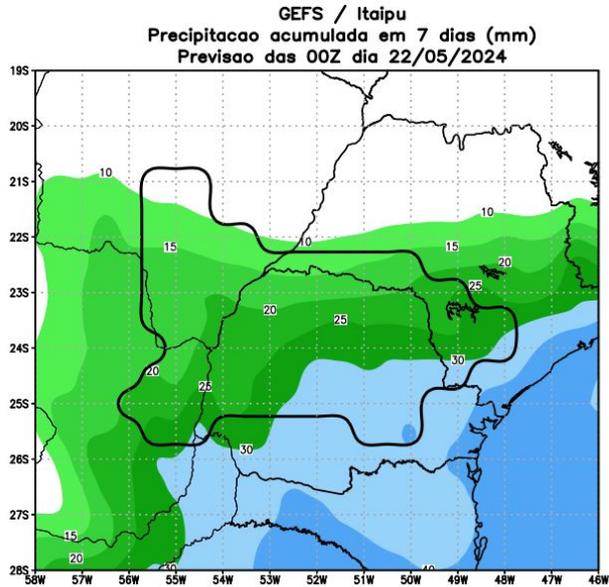


Precipitação acumulada (mm): Bacia Paranapanema



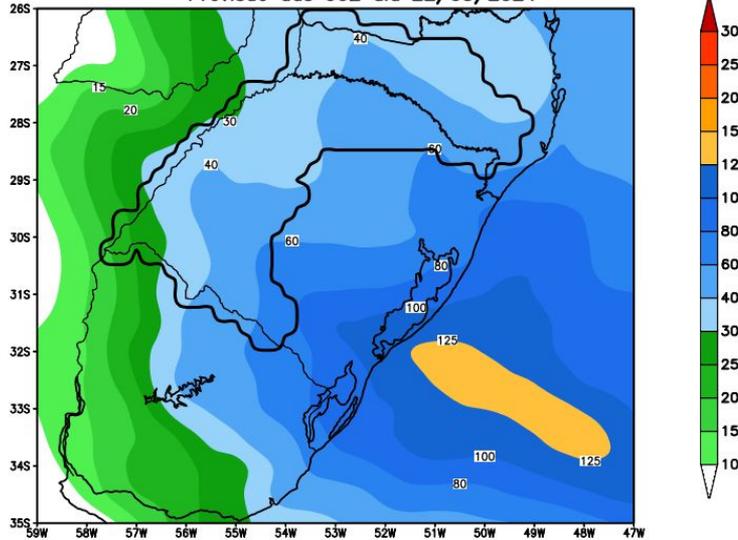
LO GFS

# Previsão para as principais bacias

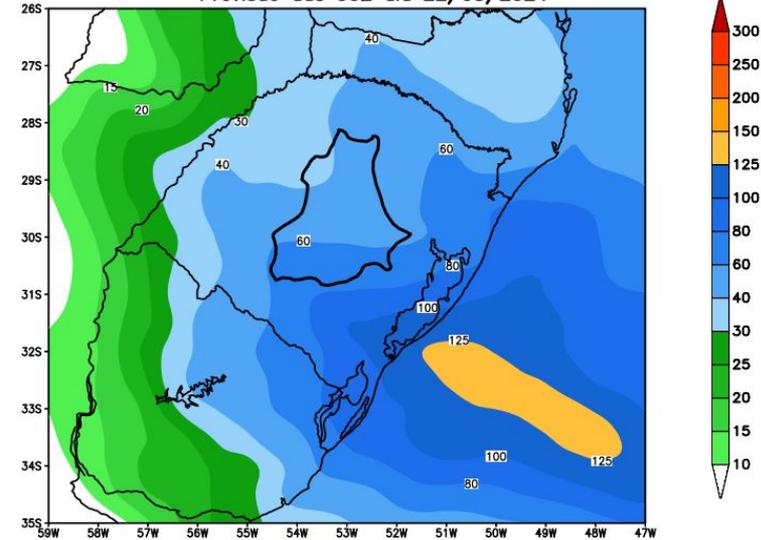


# Previsão para as principais bacias

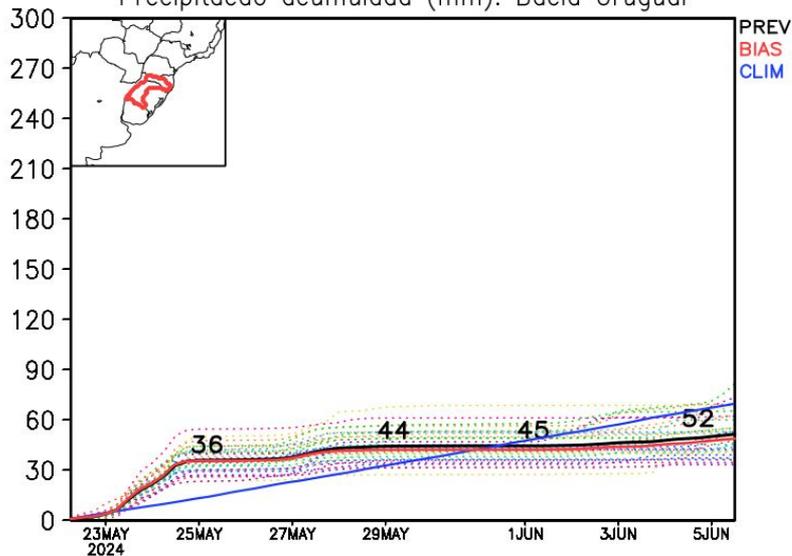
GEFS / Bacia do Rio Uruguai  
Precipitação acumulada em 7 dias (mm)  
Previsão das 00Z dia 22/05/2024



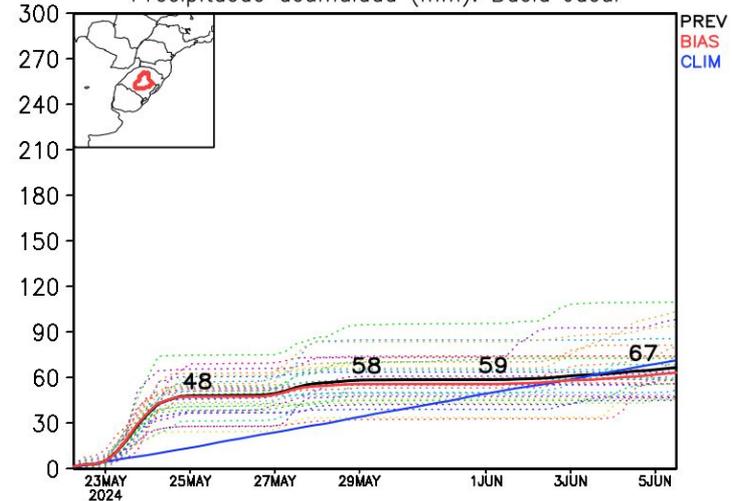
GEFS / Bacia do Rio Jacuí  
Precipitação acumulada em 7 dias (mm)  
Previsão das 00Z dia 22/05/2024



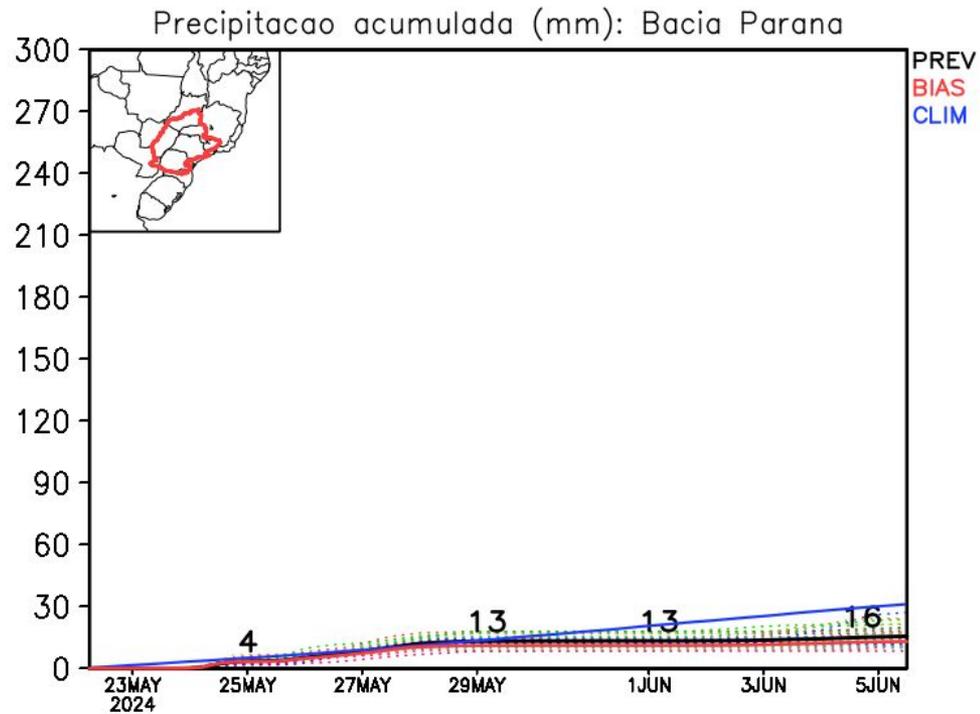
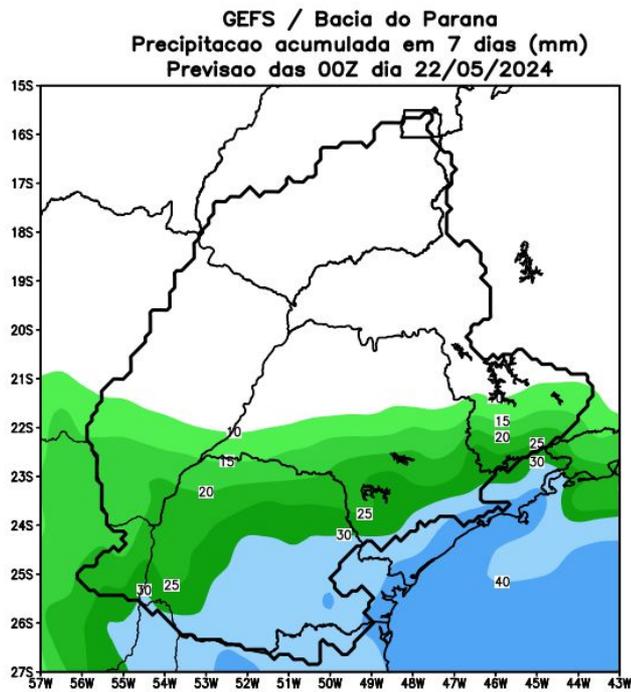
Precipitação acumulada (mm): Bacia Uruguai



Precipitação acumulada (mm): Bacia Jacuí

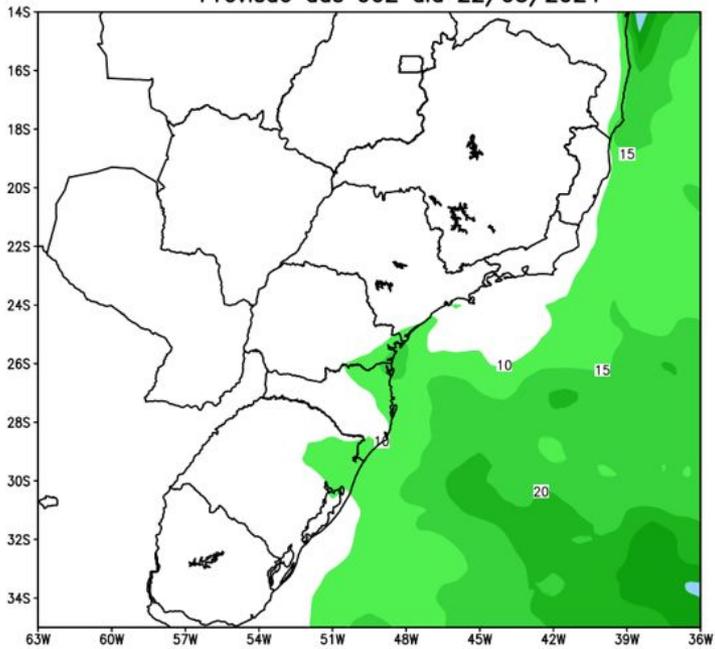


# Previsão para as principais bacias

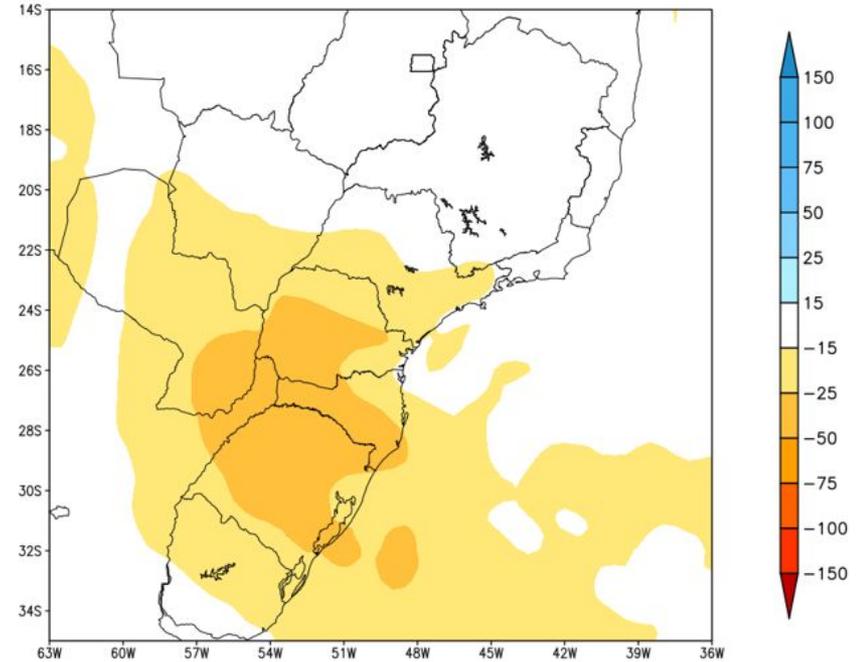


# Tendência para a segunda semana

GEFS / BRASIL\_SUL  
Precipitacao acumulada 2aSem (mm)  
Previsao das 00Z dia 22/05/2024

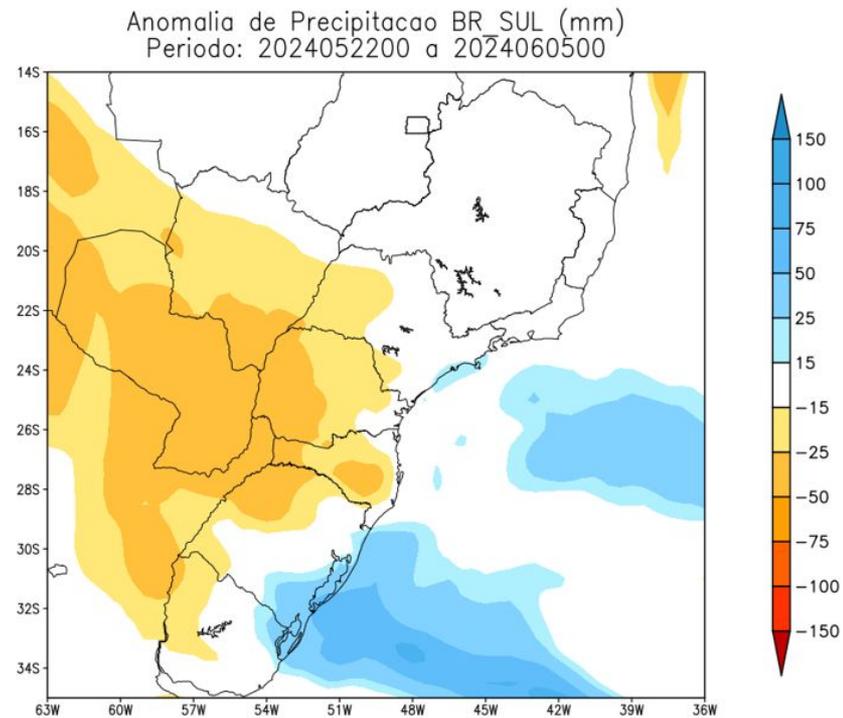
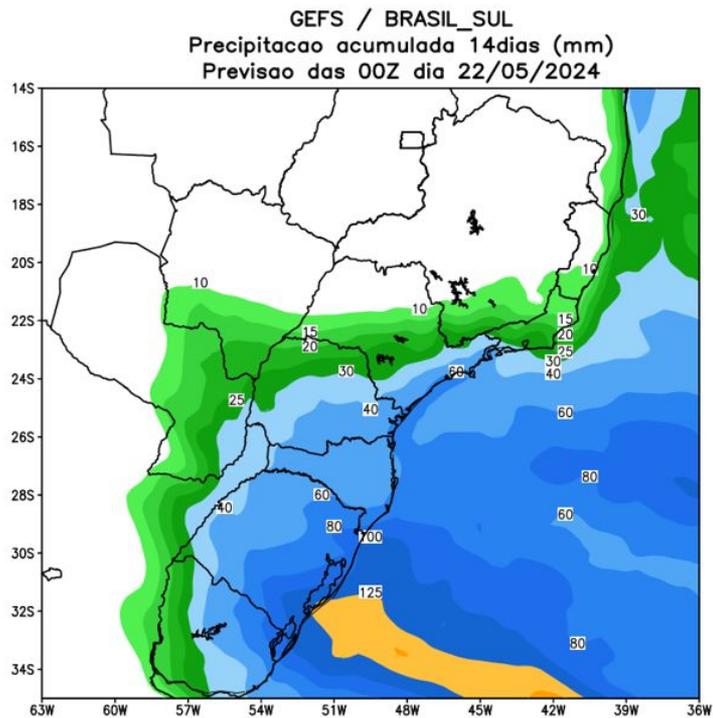


Anomalia de Precipitacao BR\_SUL (mm)  
Periodo: 2024053000 a 2024060500



MODELO GFS

# Tendência para as duas próximas semanas



MODELO GFS

# Tendência 3a e 4a semanas

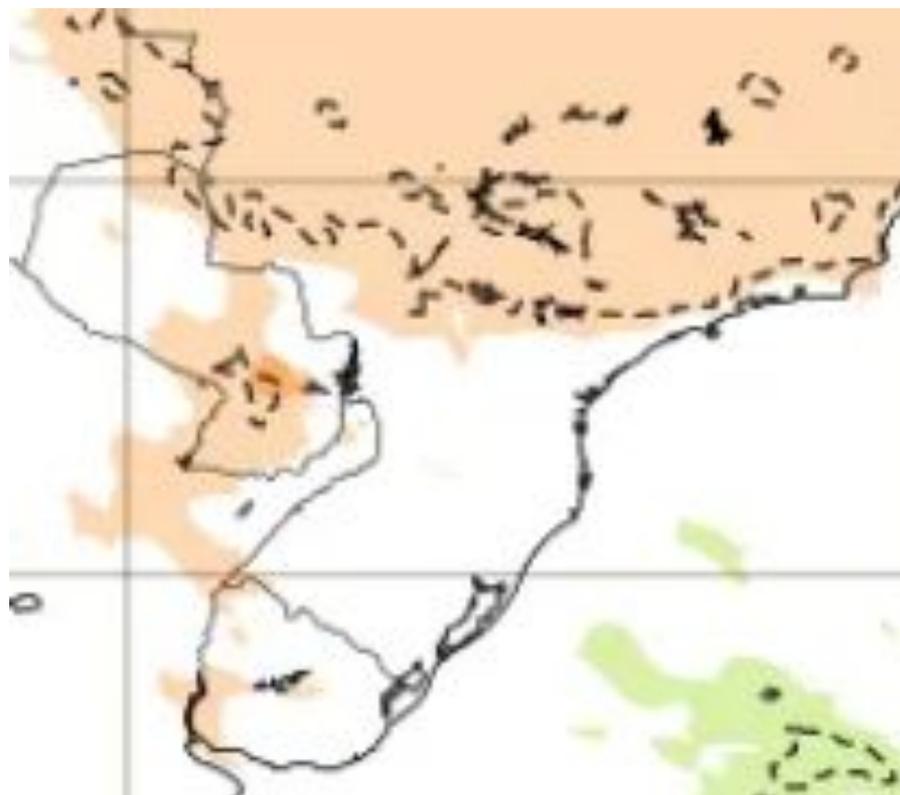
05 - 11 de JUNHO

12 - 18 de JUNHO

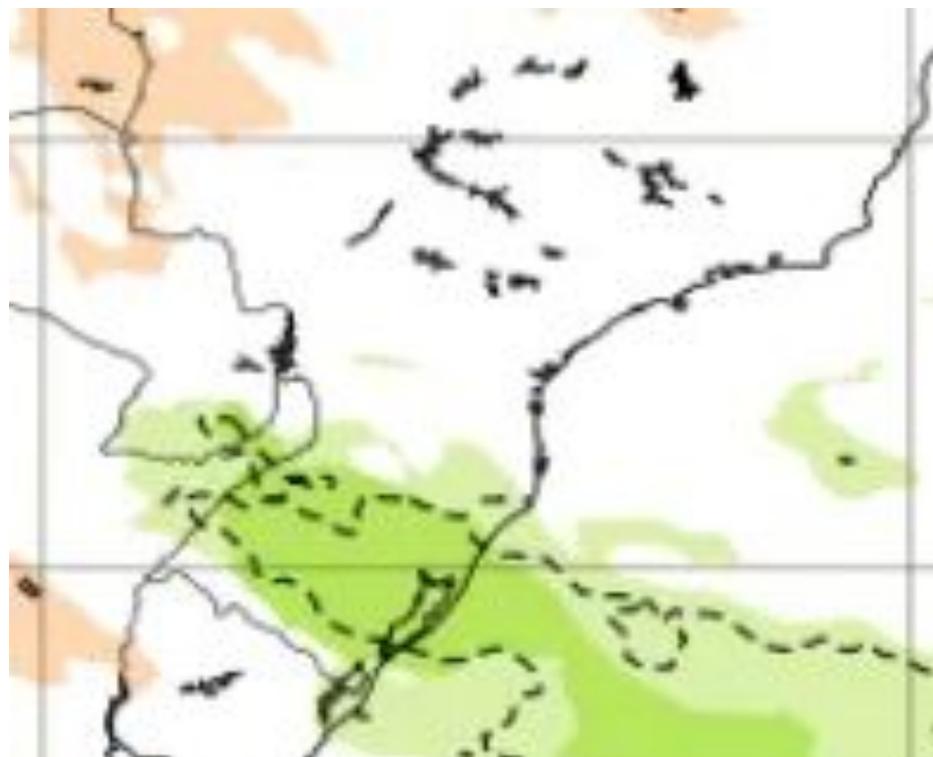


## Tendência para 3ª e 4ª semanas

03 - 09 de JUNHO

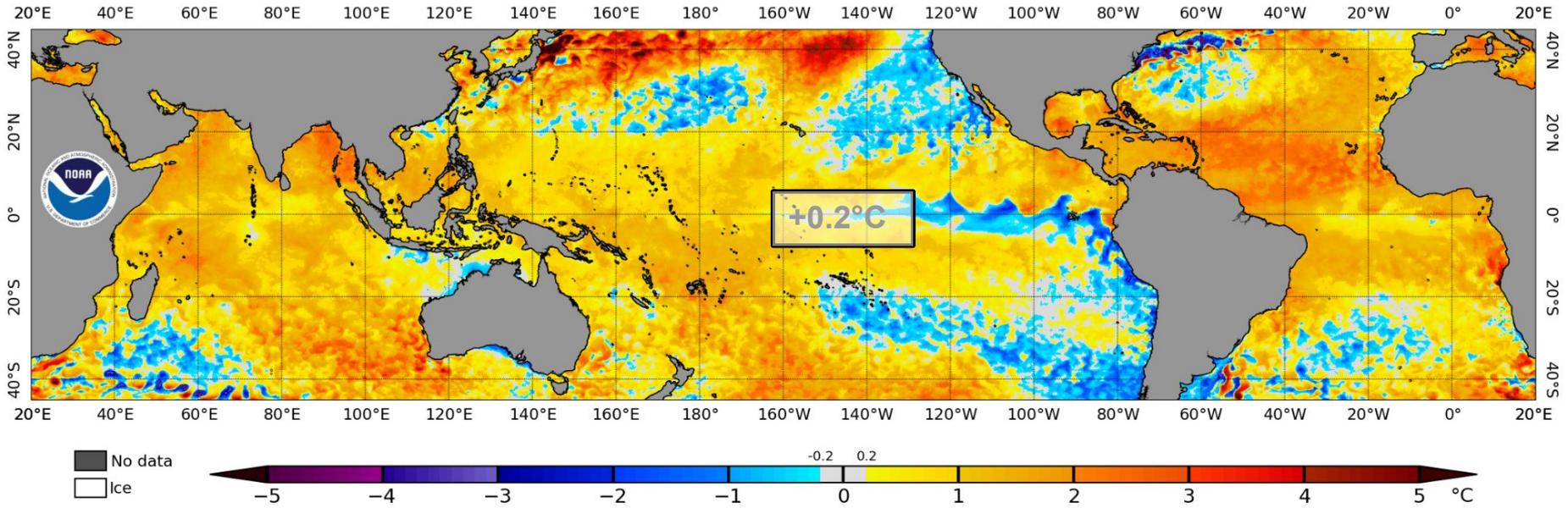


10 - 16 de JUNHO



# Status Atual: El Niño

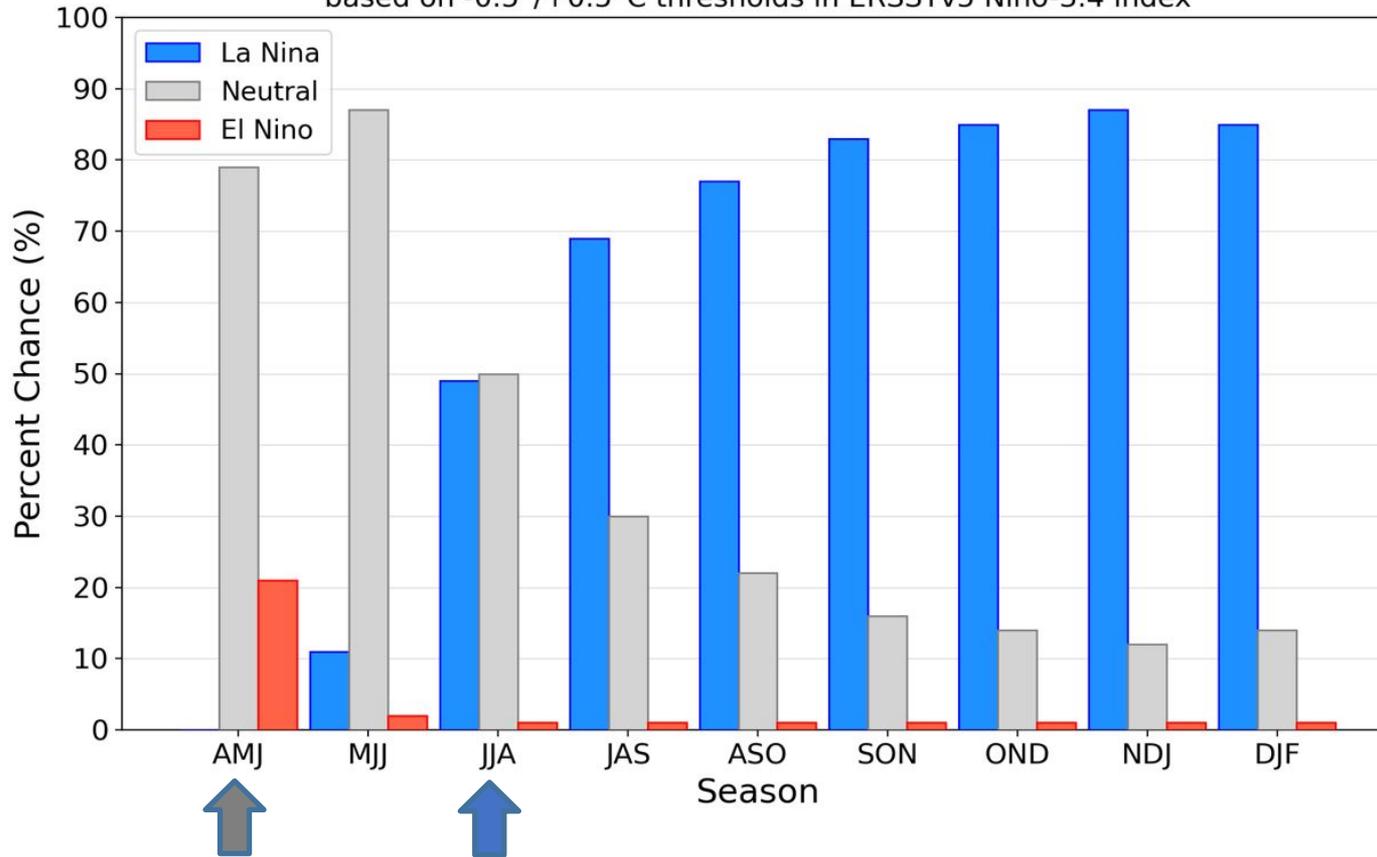
NOAA Coral Reef Watch Daily 5km SST Anomalies (v3.1) 20 May 2024



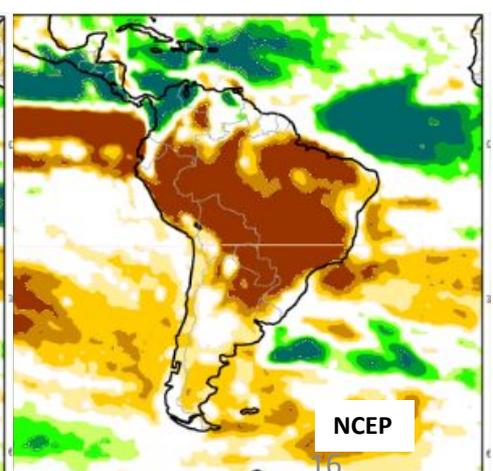
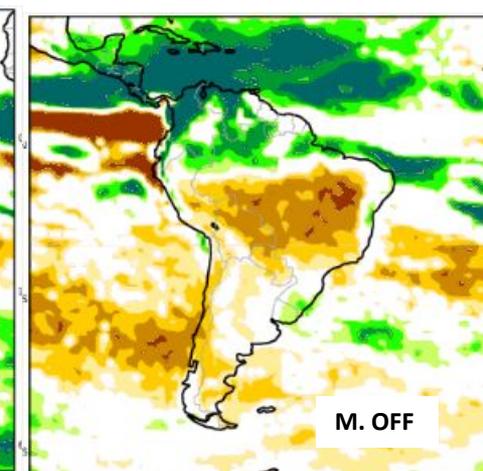
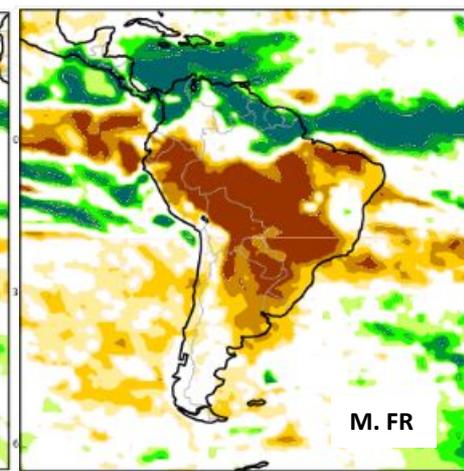
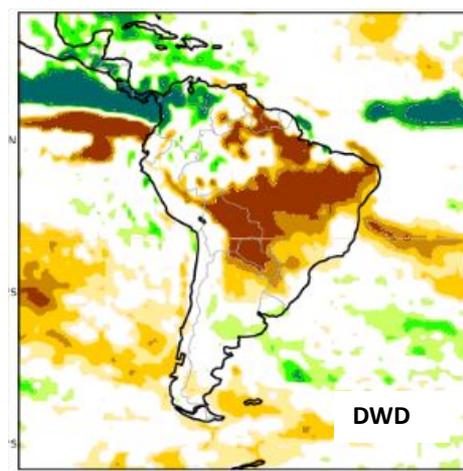
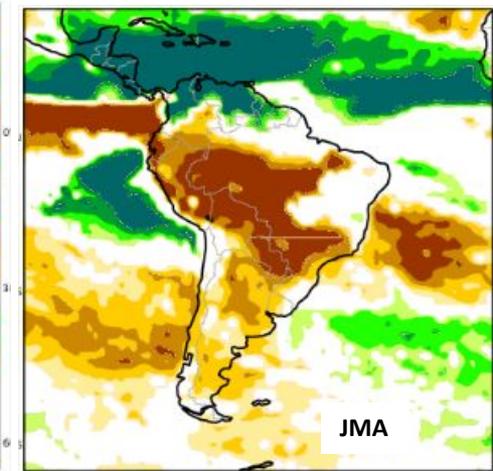
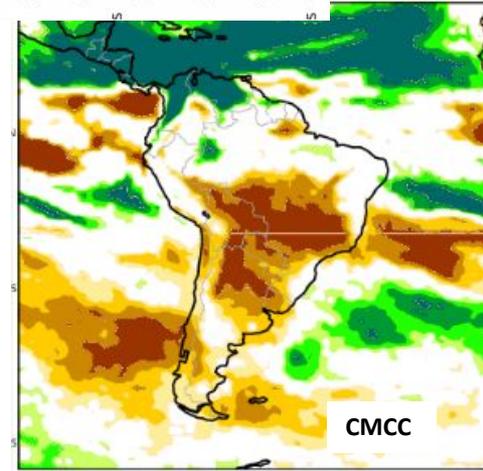
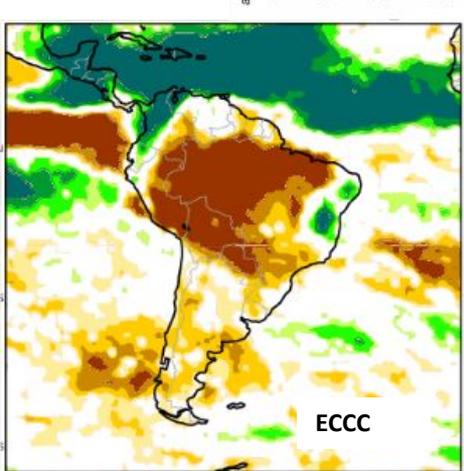
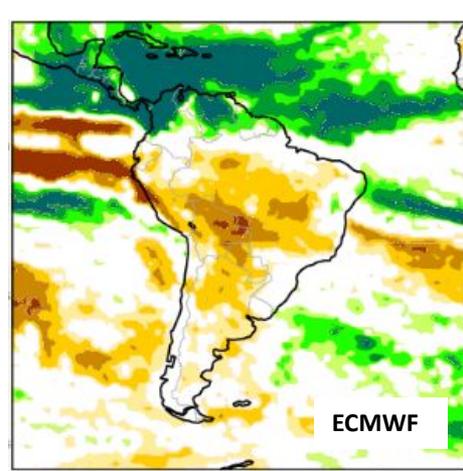
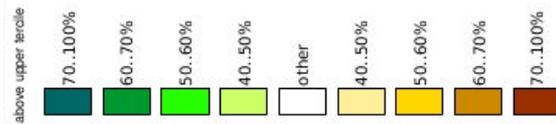
# Previsão do “ENSO”

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

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

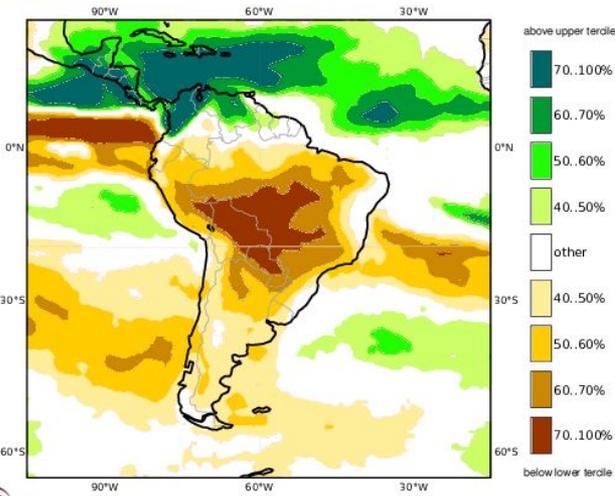


# Previsão Sazonal de Chuva Junho-Julho-Agosto



# Previsão Sazonal de Chuva Multi-Modelo para Junho-Julho-Agosto

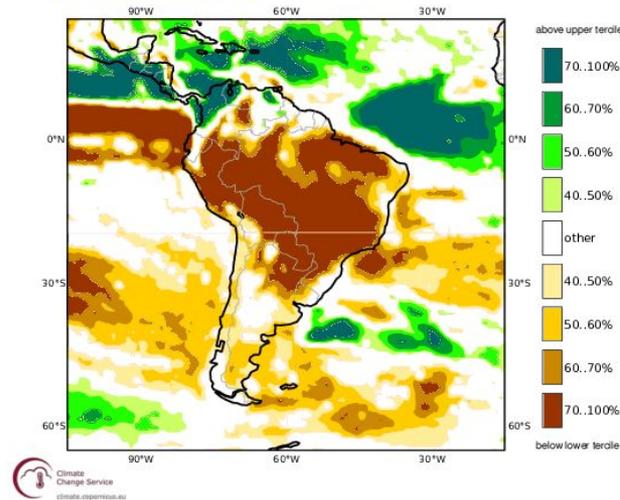
C3S multi-system seasonal forecast  
 Prob(most likely category of precipitation)  
 Nominal forecast start: 01/05/24  
 Unweighted mean



Modelo Europeu

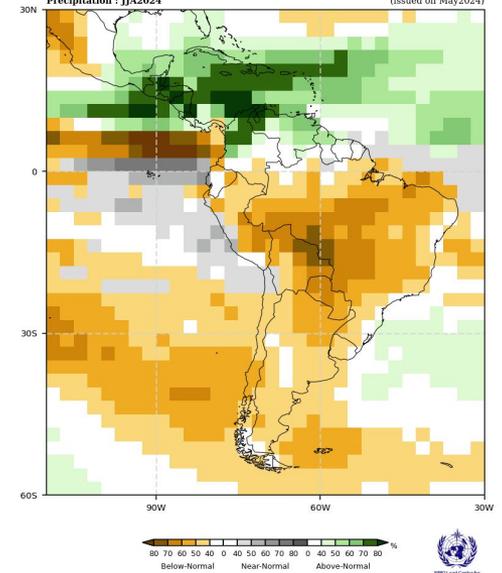
JJA 2024

C3S: NCEP contribution  
 Prob(most likely category of precipitation)  
 Nominal forecast start: 01/05/24  
 Ensemble size = 52, climate size = 384



Modelo Americano

Probabilistic Multi-Model Ensemble Forecast  
 CMCC, CFSR, ECMWF, Ecmwf, Melbourne, Montreal, Moscow, Offenbach, Pretoria, Seoul, Tokyo, Toulouse, Washington  
 Precipitation : JJA2024 (issued on May2024)



Modelos da Organização Meteorológica Mundial