

# Monitoramento e Previsões de chuva para a Bacia do Rio Paranapanema

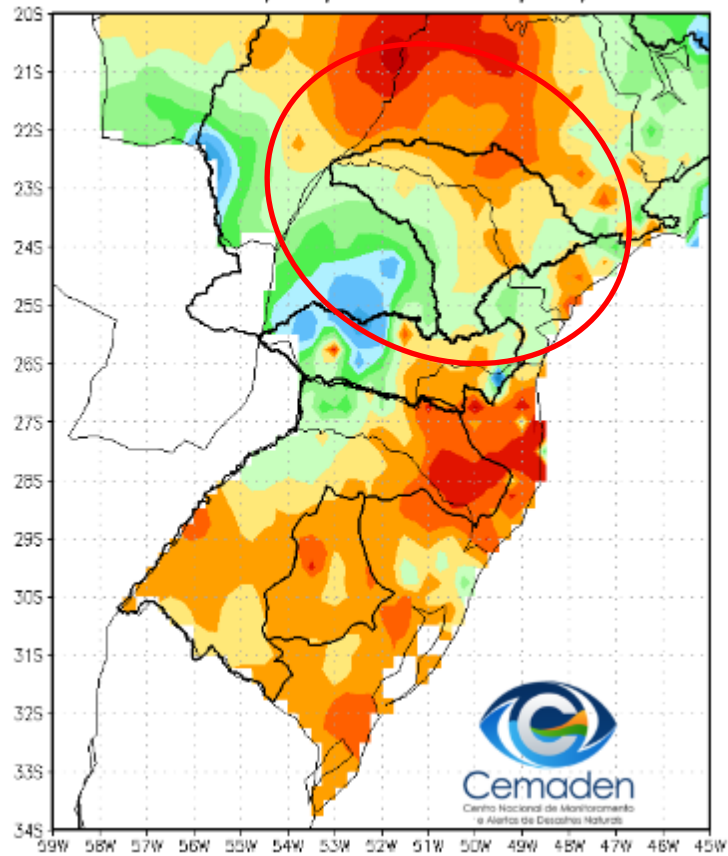


**Cemaden**  
Centro Nacional de Monitoramento  
e Alertas de Desastres Naturais

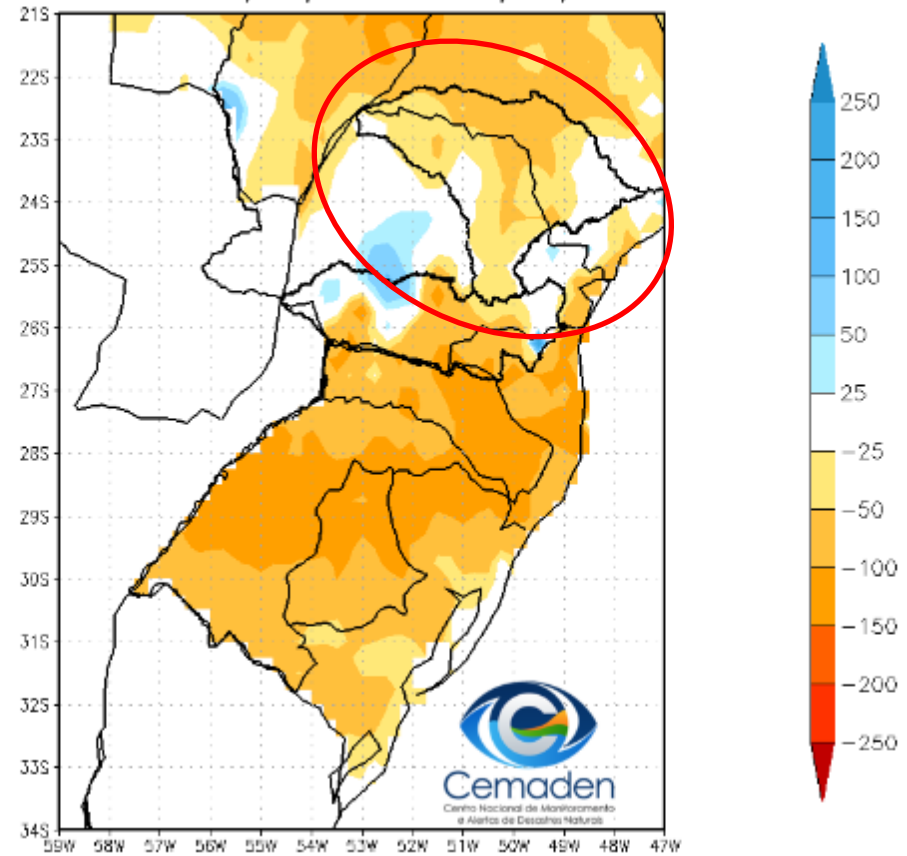
23 de Novembro de 2022

# Precipitação acumulada nos últimos 30 dias

Precipitação Acumulada (mm) A.S.  
Período: 23/10/2022 a 22/11/2022

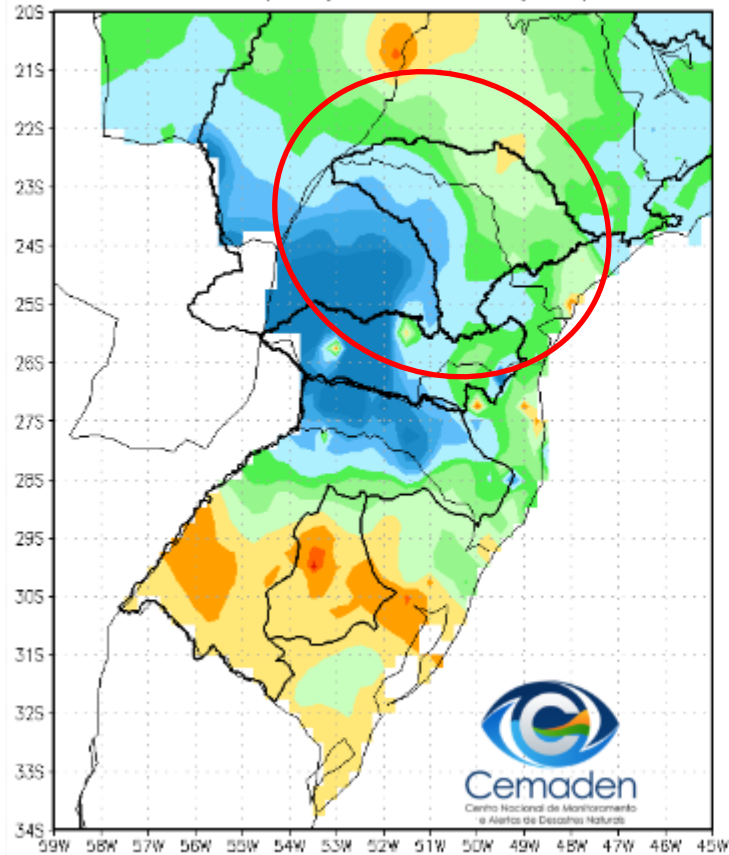


Anomalia de Precipitação (mm) A.S.  
Período: 23/10/2022 a 22/11/2022

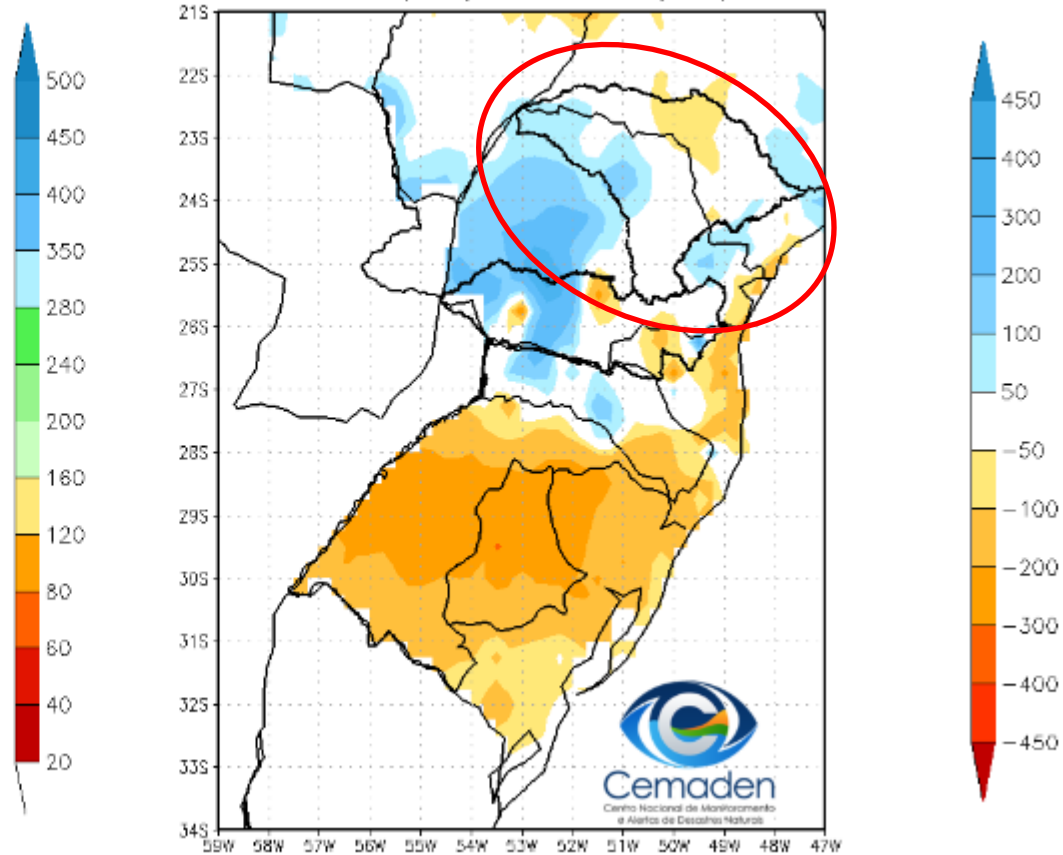


# Precipitação acumulada nos últimos 60 dias

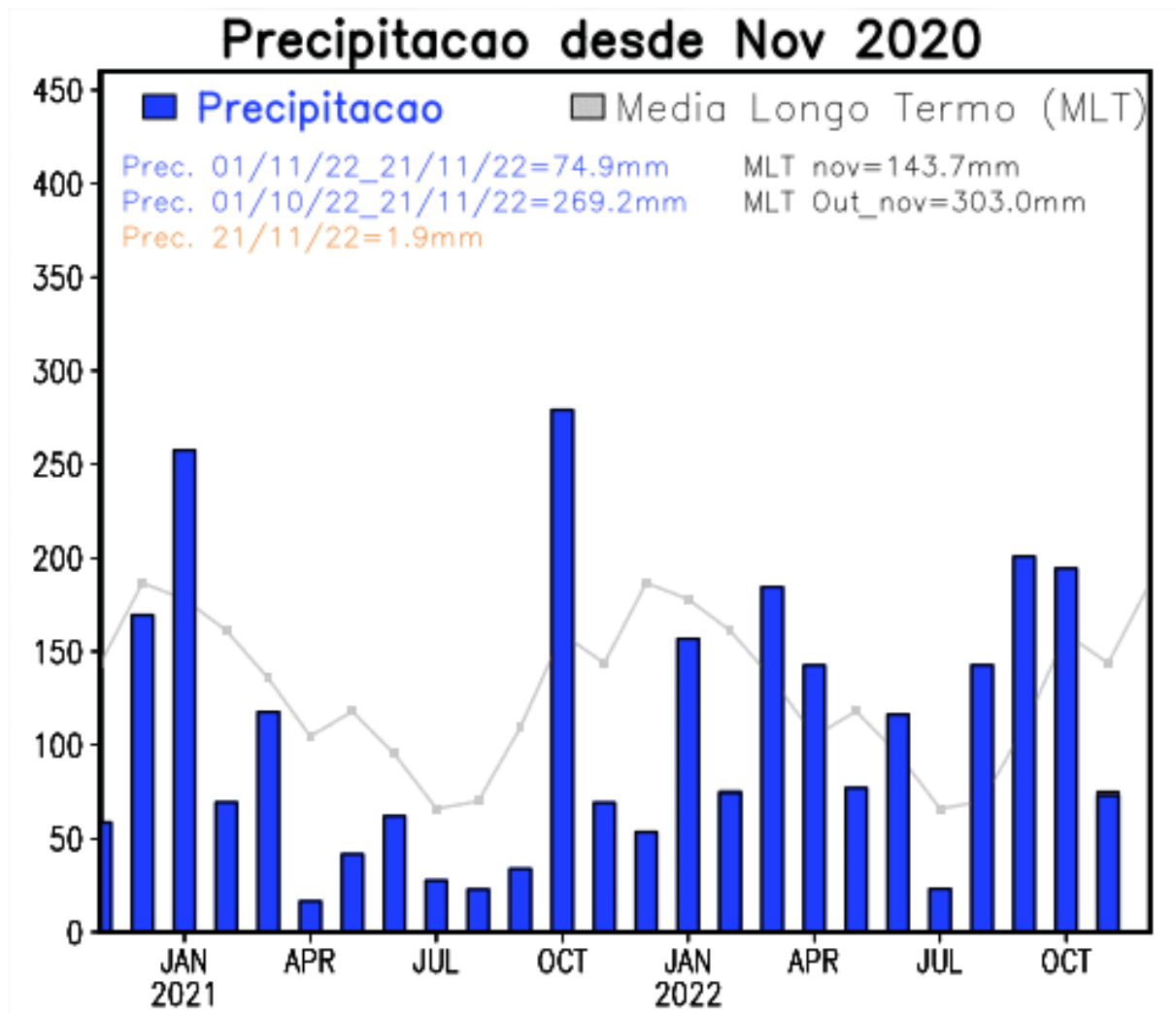
Precipitação Acumulada (mm) A.S.  
Período: 23/09/2022 a 22/11/2022



Anomalia de Precipitação (mm) A.S.  
Período: 23/09/2022 a 22/11/2022

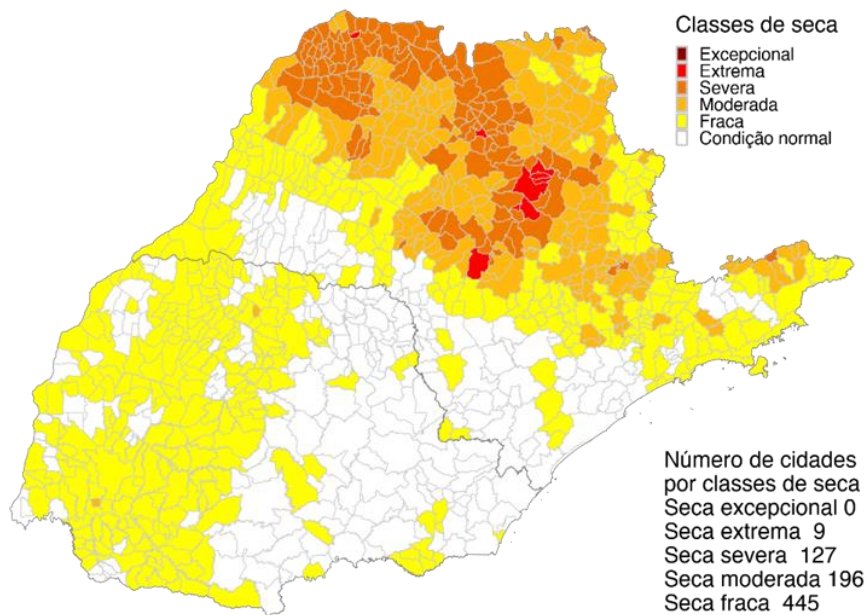


## Evolução temporal da precipitação



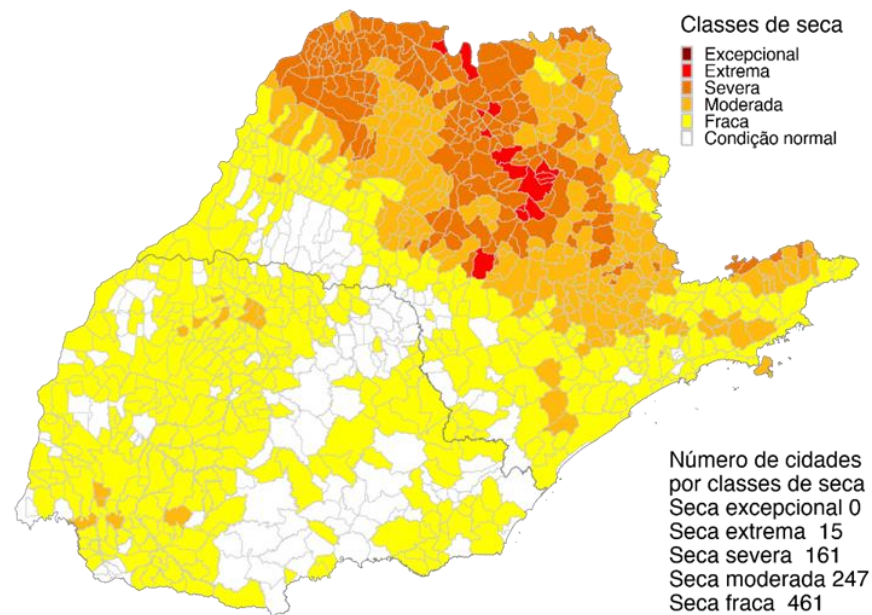
# Índice Integrado de Seca – IIS nas escalas de 3 e 6 meses

## IIS3



Outubro 2022  
Índice Integrado de Seca (SPI3, VHI, US)  
Dados: CPTEC/INPE - NOAA - NASA / Preparação: Cemaden/MCTI

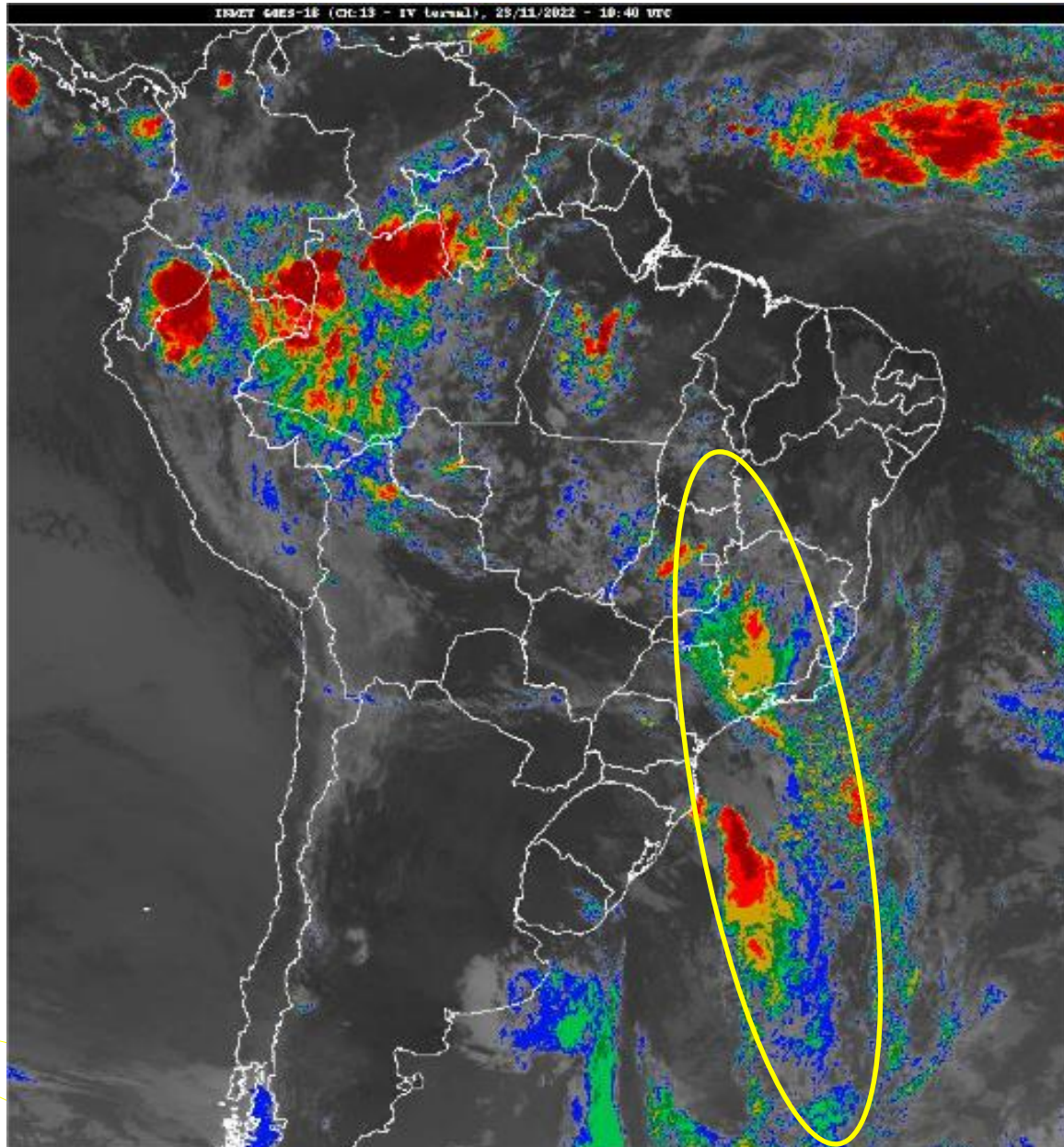
## IIS6



Outubro 2022  
Índice Integrado de Seca (SPI6, VHI, US)  
Dados: CPTEC/INPE - NOAA - NASA / Preparação: Cemaden/MCTI



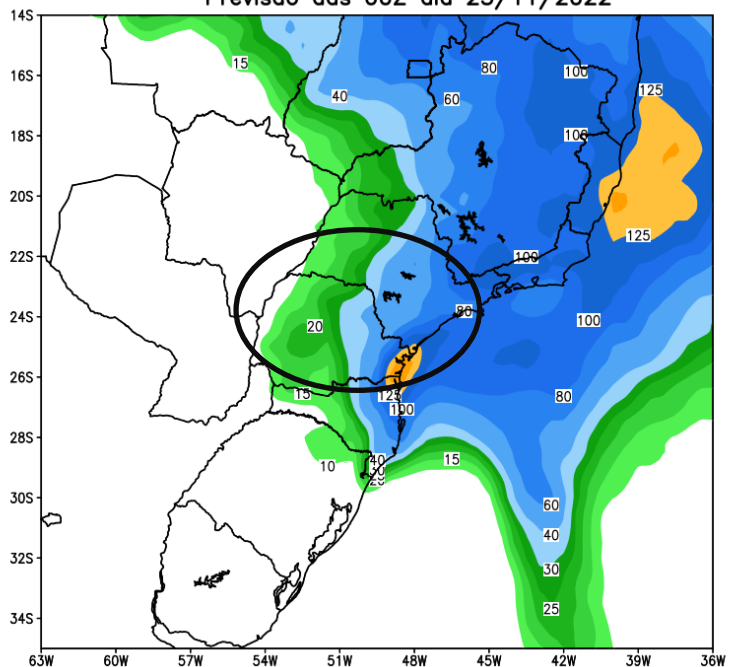
# Situação meteorológica atual



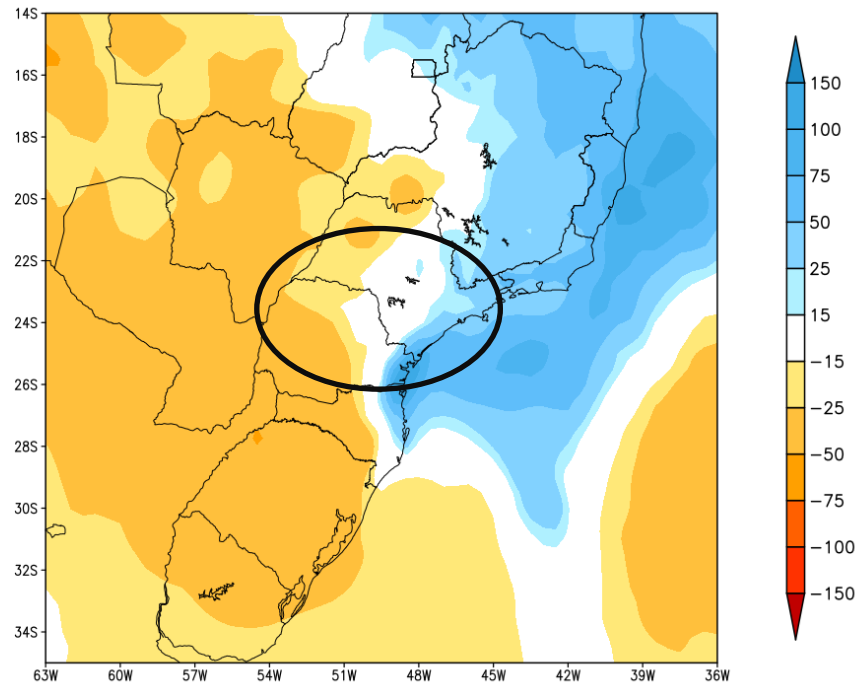
Fonte: INMET

# Previsão de chuva próximos 7 dias

GEFS / BRASIL\_SUL  
Precipitacao acumulada 1aSem (mm)  
Previsao das 00Z dia 23/11/2022



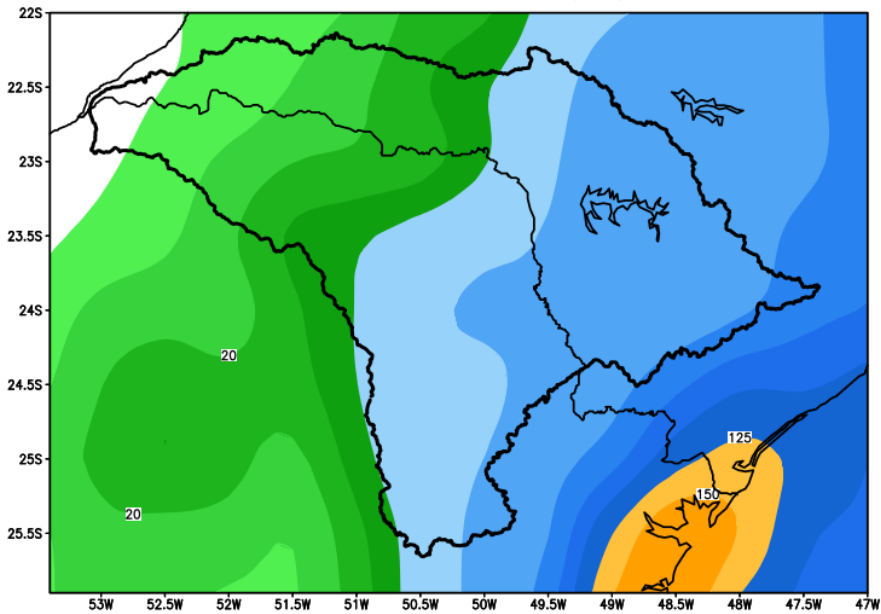
Anomalia de Precipitacao BR SUL (mm)  
Periodo: 2022112300 a 2022113000



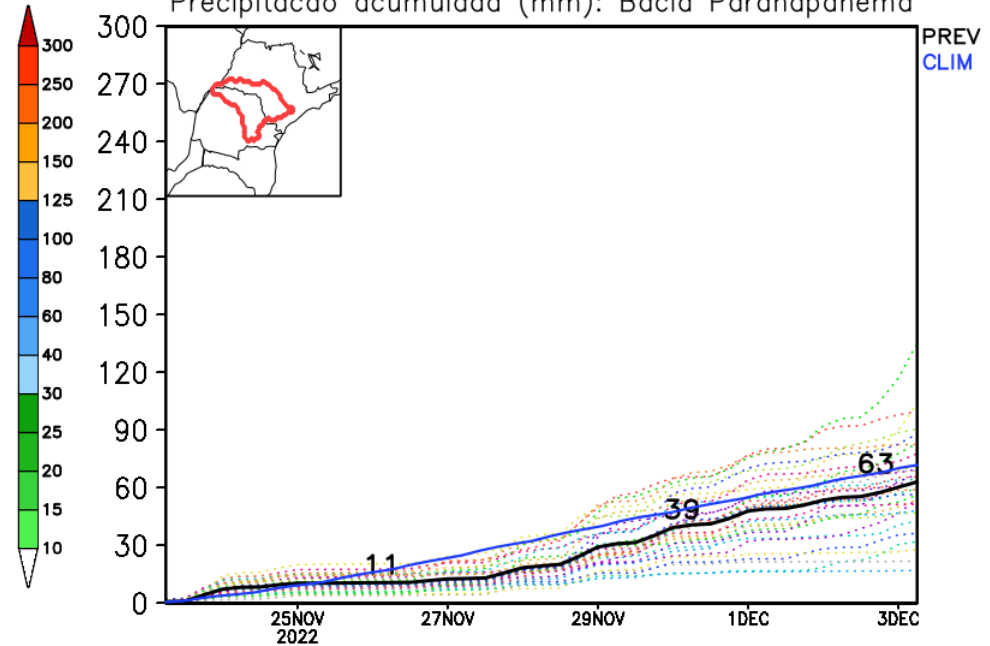
MODELO GFS

# Previsão para a bacia do rio Paranapanema

GEFS / Bacia do Rio Paranapanema  
Precipitação acumulada em 7 dias (mm)  
Previsão das 00Z dia 23/11/2022



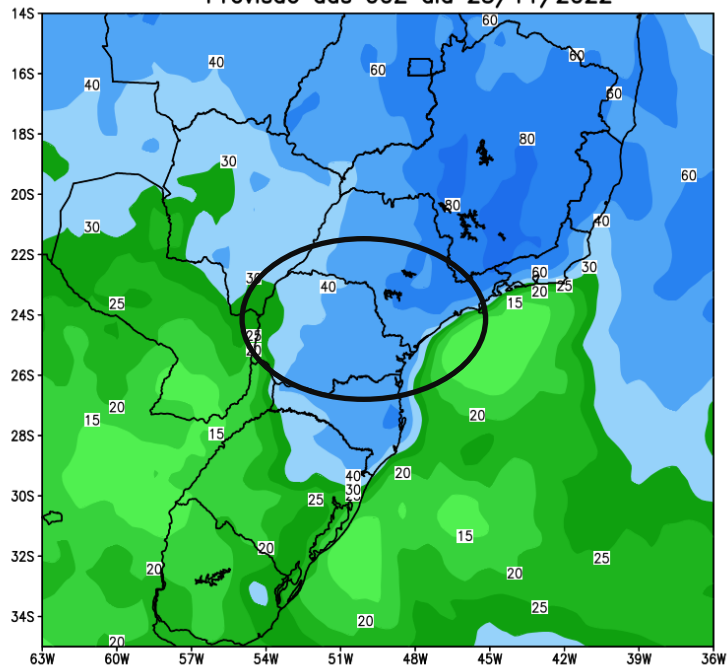
Precipitação acumulada (mm): Bacia Paranapanema



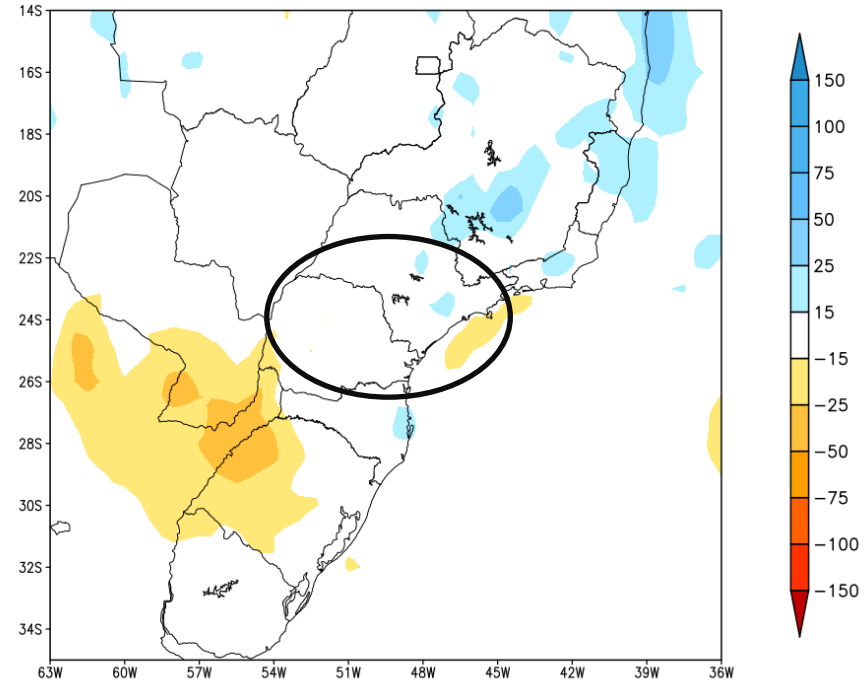


# Tendência para a segunda semana

GEFS / BRASIL\_SUL  
Precipitacao acumulada 2aSem (mm)  
Previsao das 00Z dia 23/11/2022



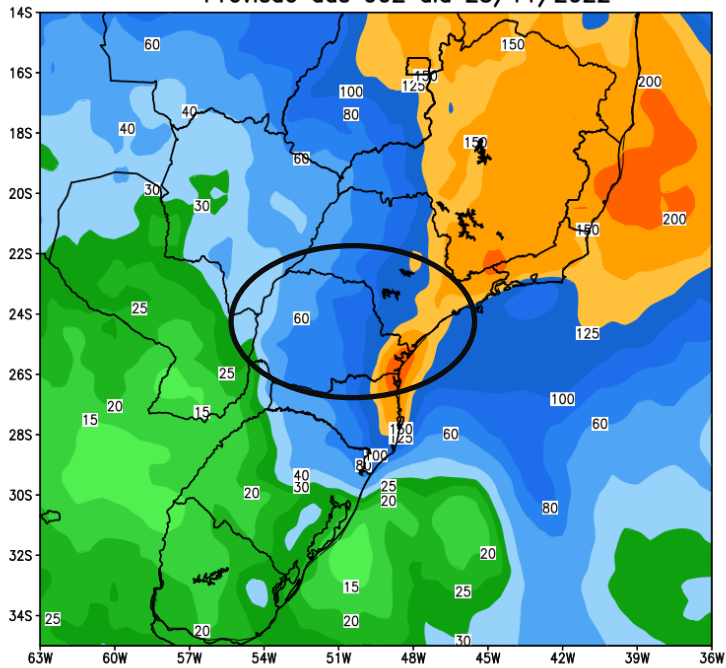
Anomalia de Precipitacao BR\_SUL (mm)  
Periodo: 2022120100 a 2022120700



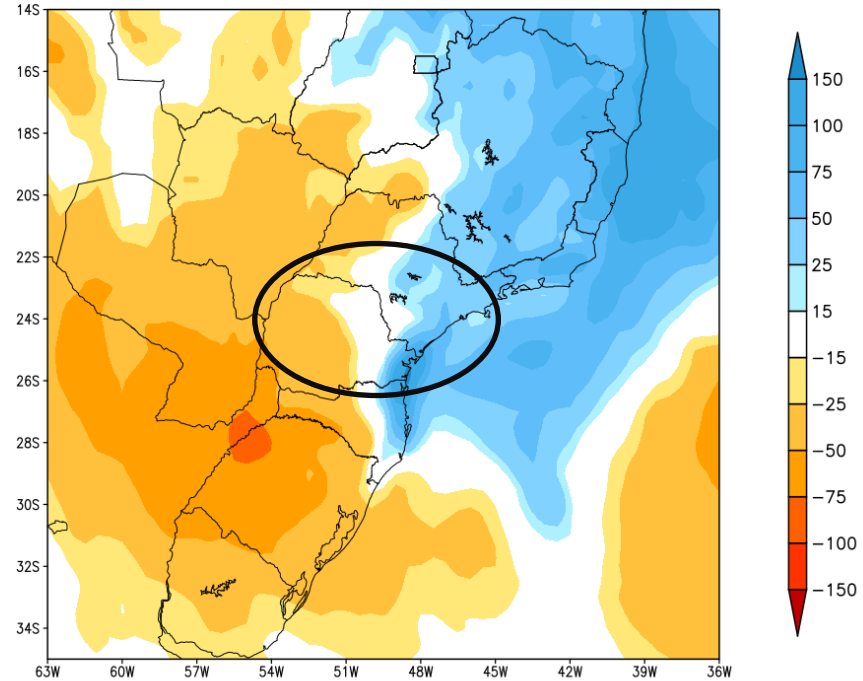
MODELO GFS

# Tendência para as duas próximas semanas

GEFS / BRASIL\_SUL  
Precipitacao acumulada 14 dias (mm)  
Previsao das 00Z dia 23/11/2022



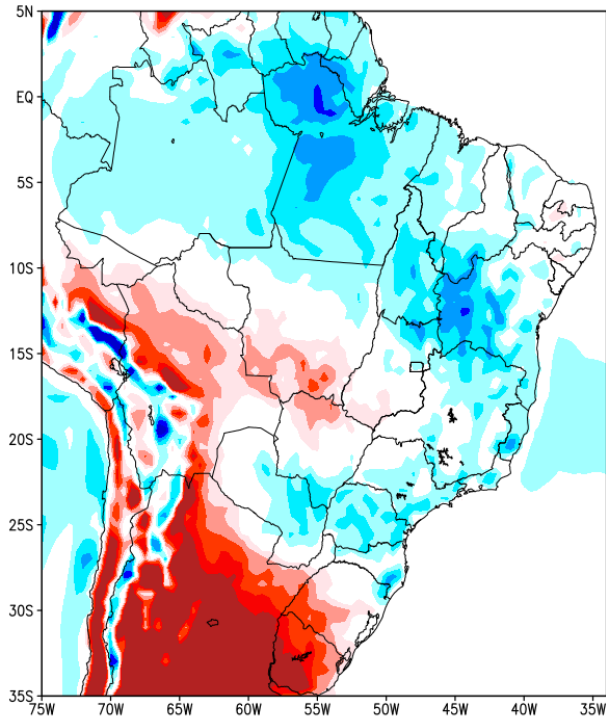
Anomalia de Precipitacao BR\_SUL (mm)  
Periodo: 2022112300 a 2022120700



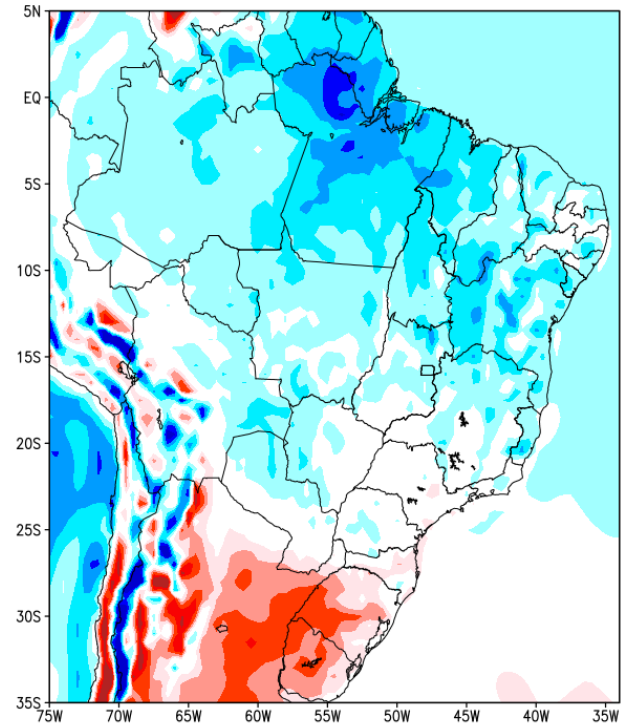
MODELO GFS

# Previsão de Temperatura

Anomalia de Temperatura BR (C)  
Período: 2022112300 a 2022113000



Anomalia de Temperatura BR (C)  
Período: 2022120100 a 2022120700

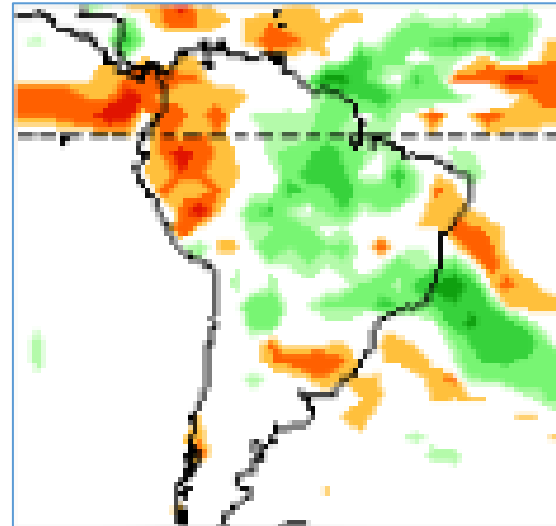
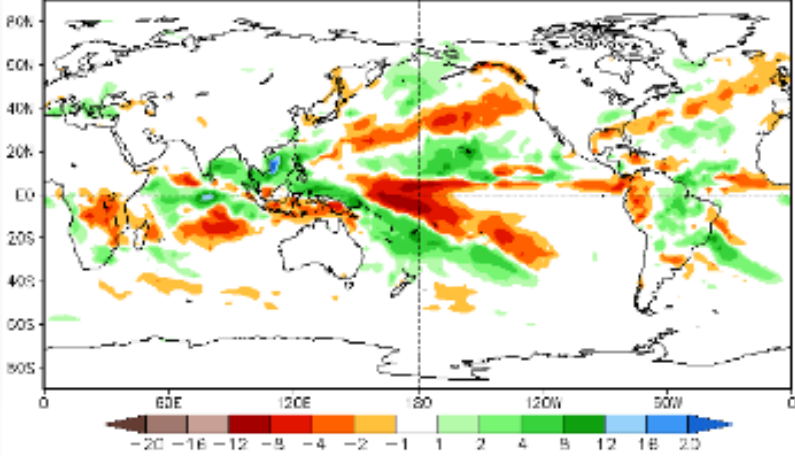


# Tendência 3a e 4a semanas

10 Member Ensemble Mean Forecast from 22Nov2022

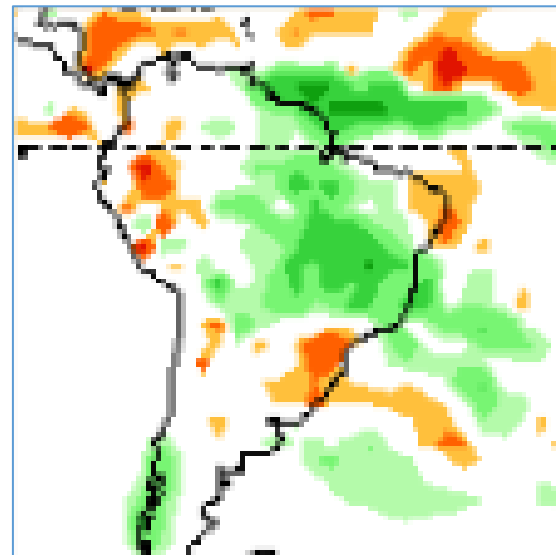
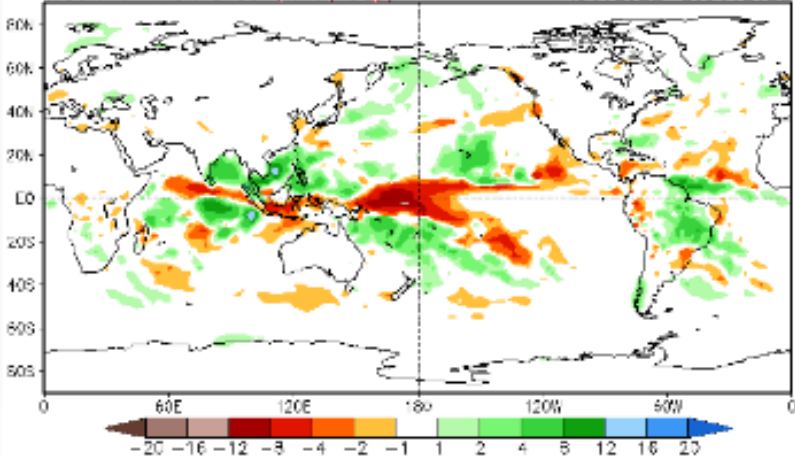
Week 3 Anomalies (mm/day)

7Dec2022-13Dec2022



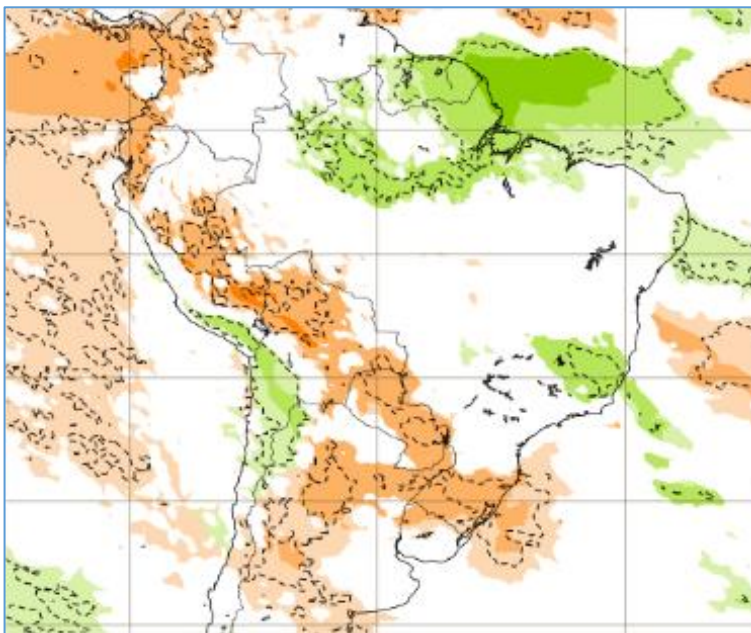
Week 4 Anomalies (mm/day)

14Dec2022-20Dec2022

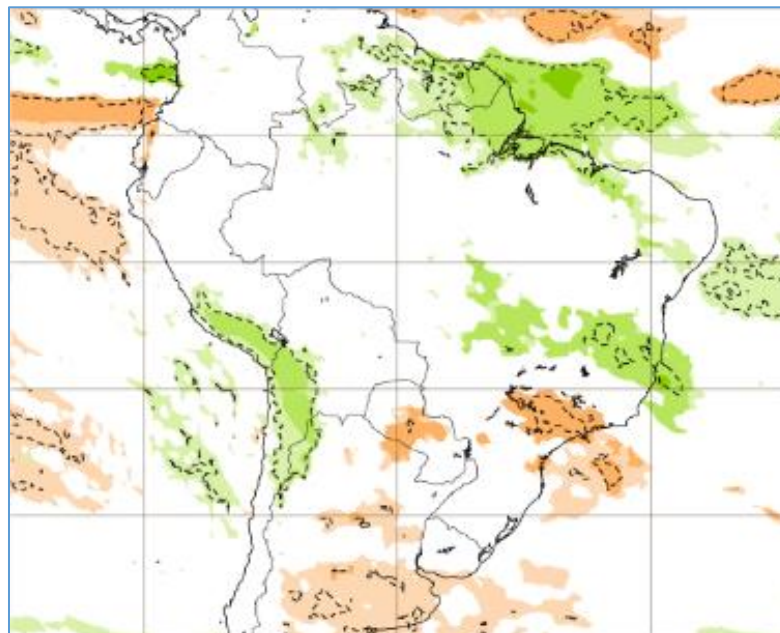


# Tendência para 3ª e 4ª semanas

05-12/12



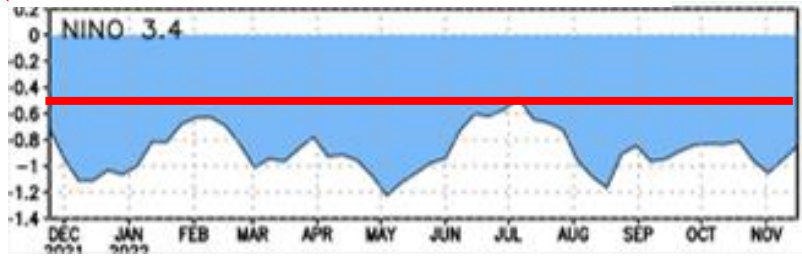
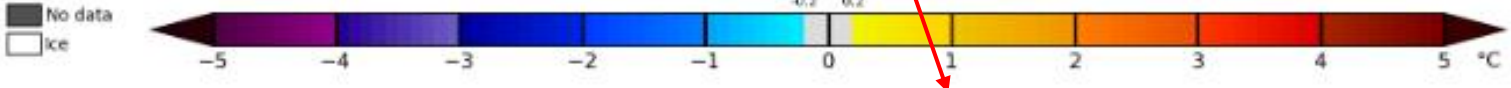
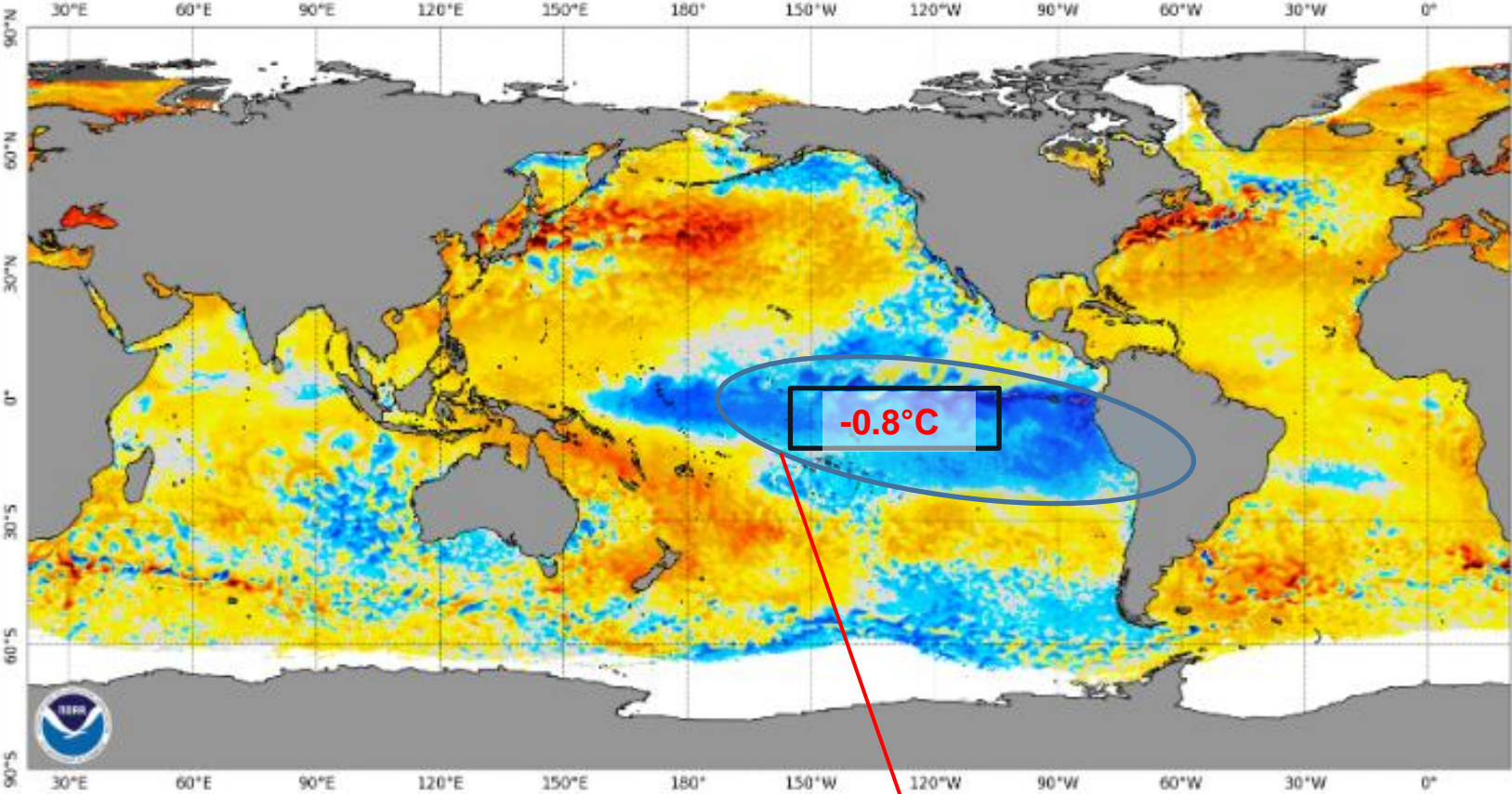
12-19/12





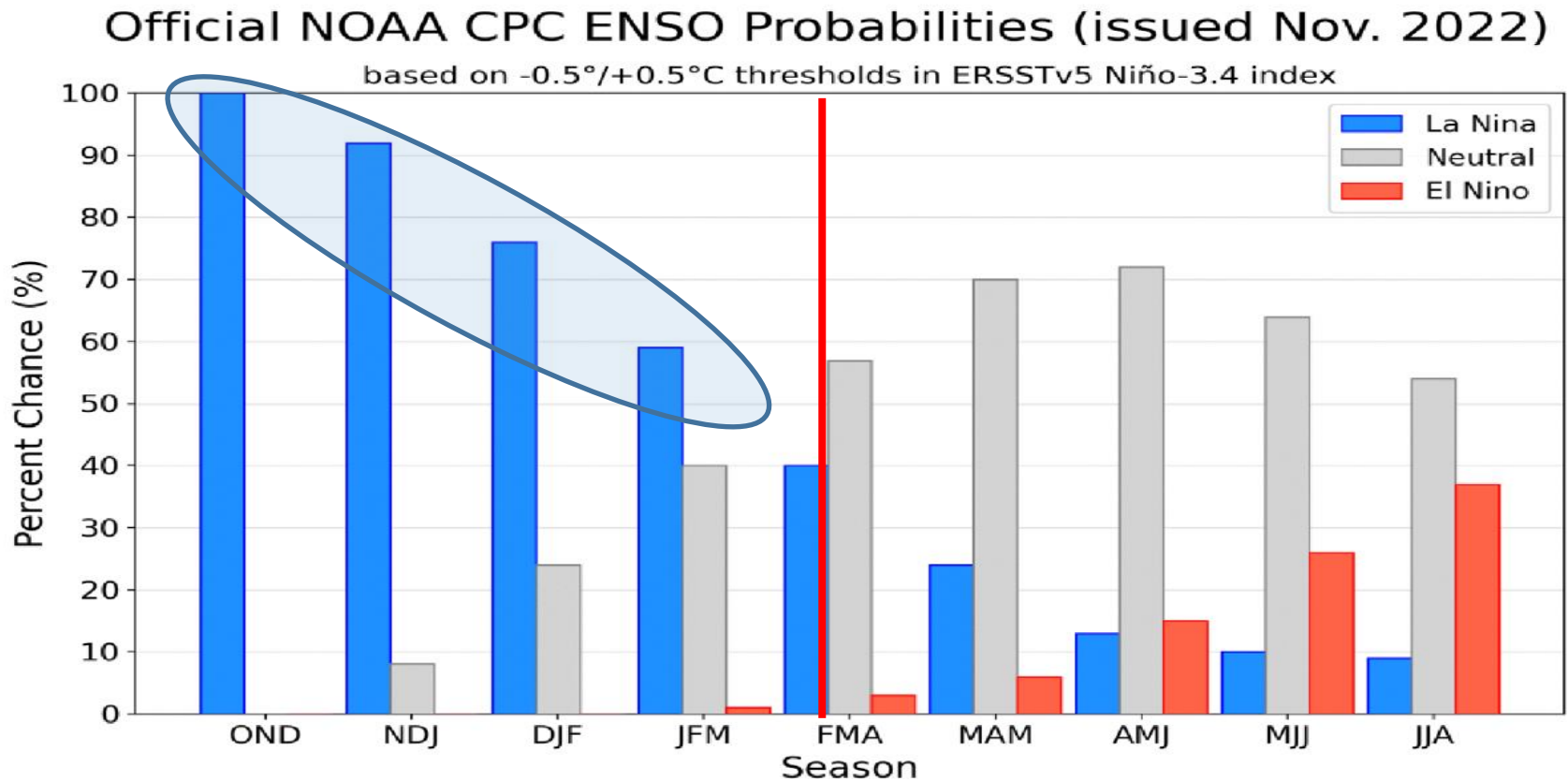
# Status Atual: La Niña

NOAA Coral Reef Watch Daily 5km SST Anomalies (v3.1) 20 Nov 2022



FONTE: NOAA

# Previsão do “La Niña”



Status Atual: **La Niña**

FONTE: NOAA



# Previsão sazonal de Chuva para DJF

