

# Monitoramento, Previsões e Projeções para a Bacia do Rio São Francisco

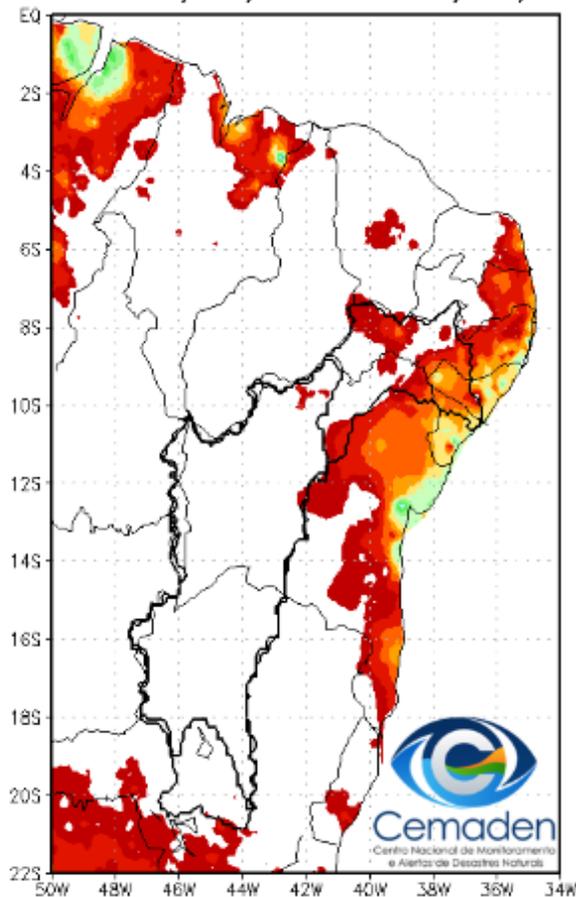


**Cemaden**  
Centro Nacional de Monitoramento  
e Alertas de Desastres Naturais

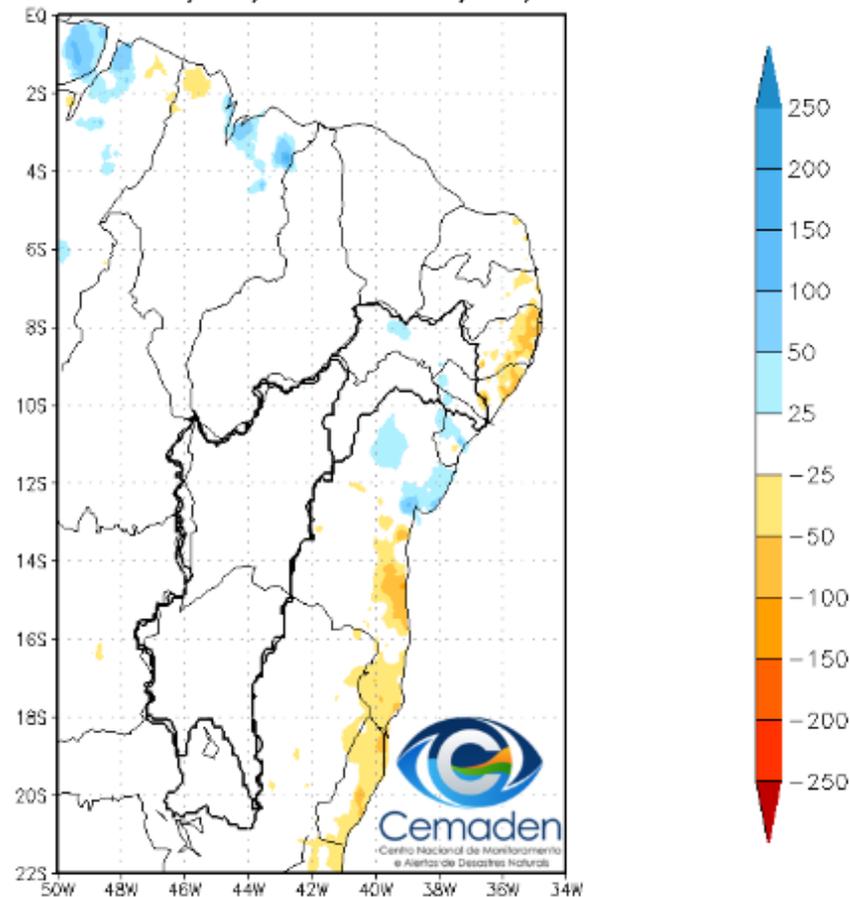
06 de Setembro de 2022

## Chuva dos últimos 30 dias

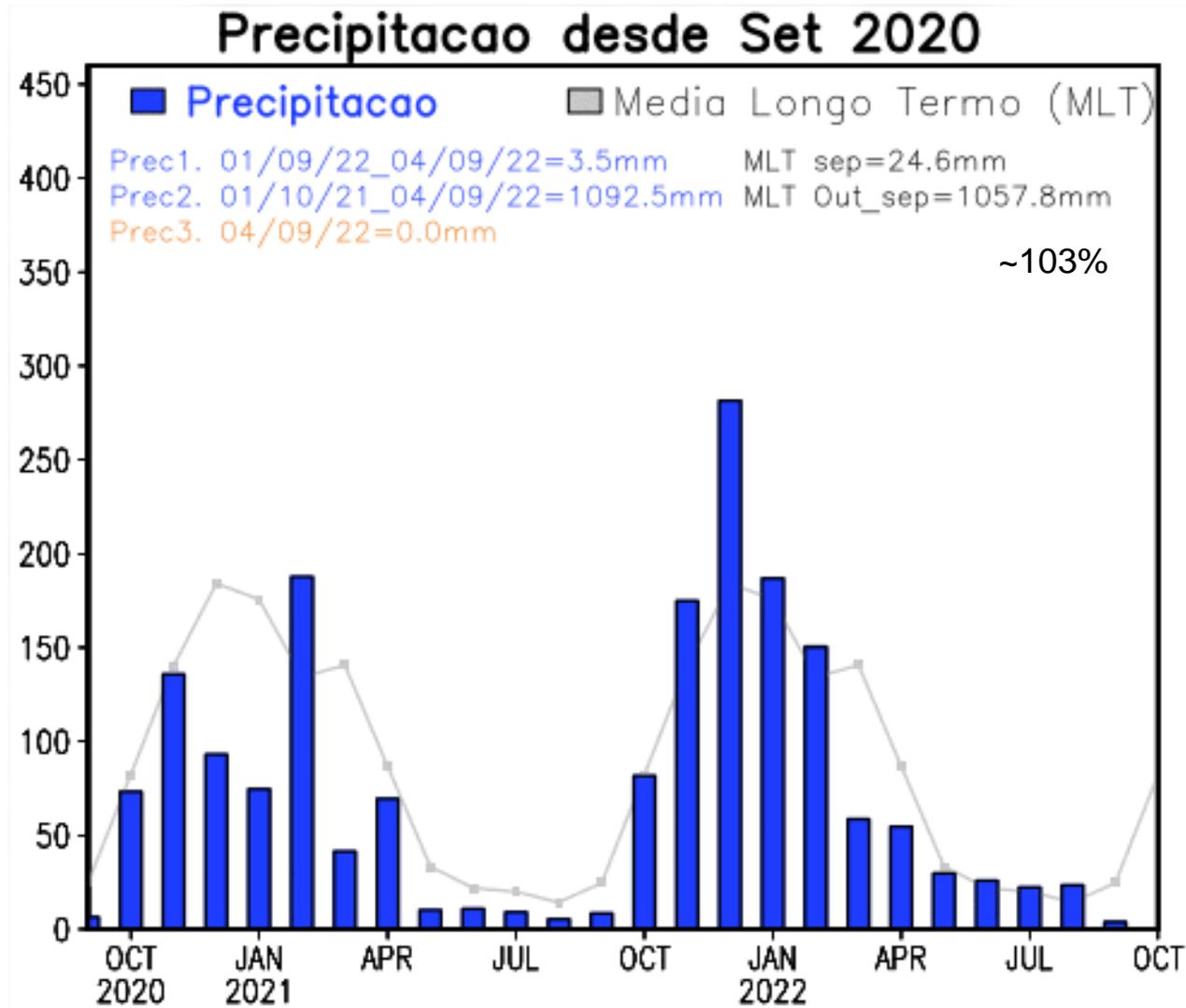
Precipitacao Acumulada (mm) A.S.  
Período: 06/08/2022 a 05/09/2022



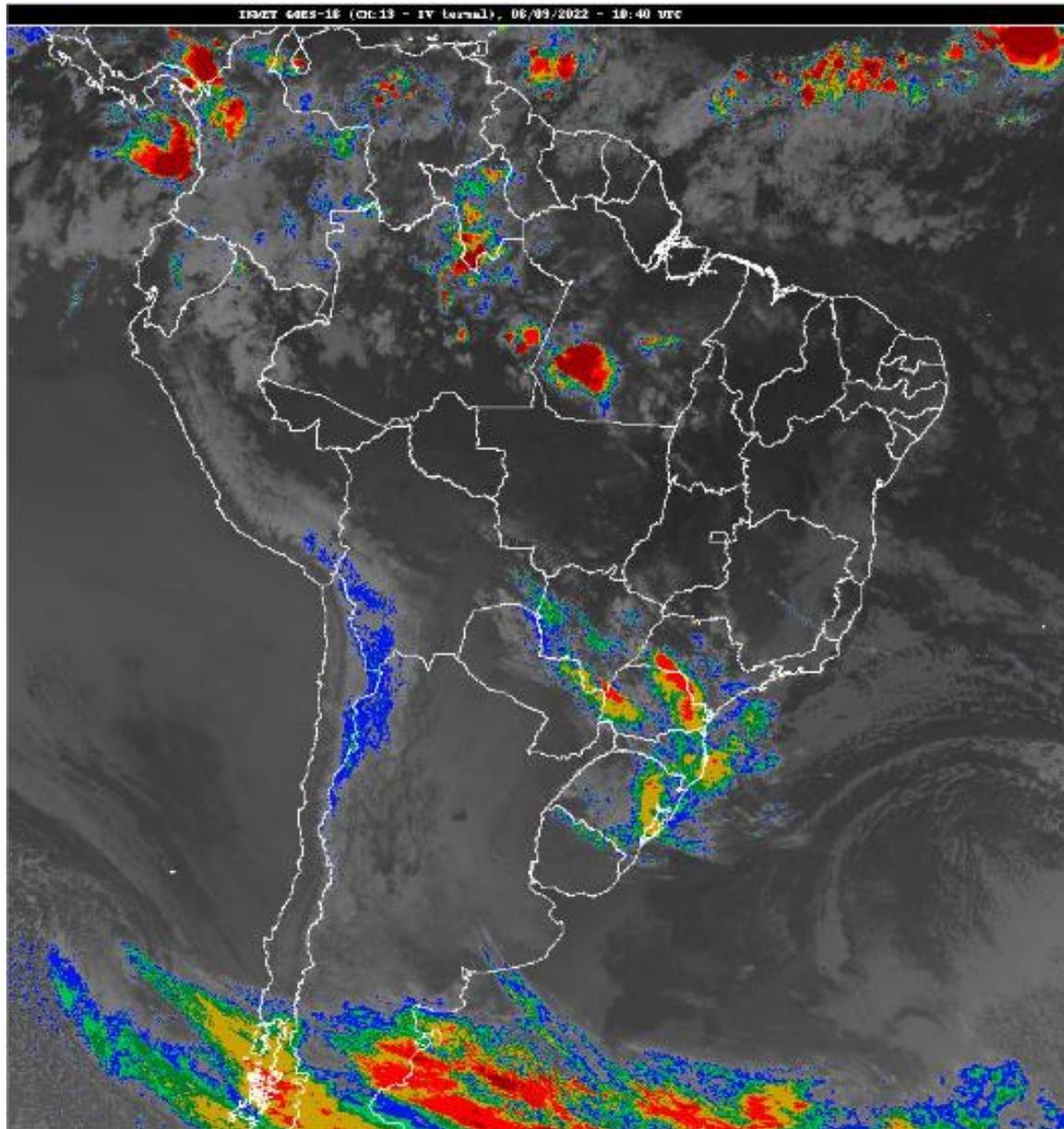
Anomalia de Precipitacao (mm) A.S.  
Período: 06/08/2022 a 05/09/2022



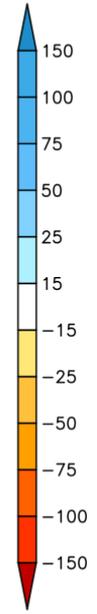
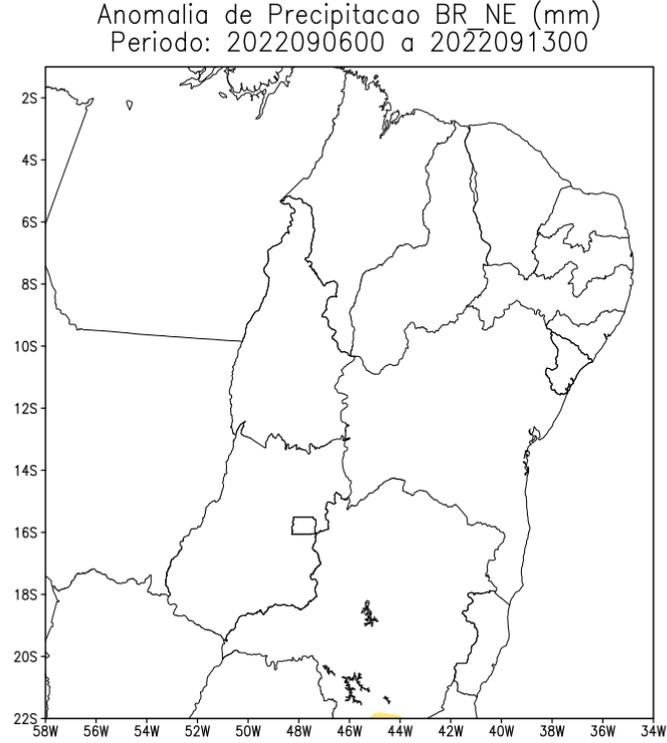
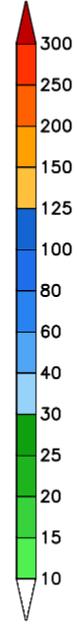
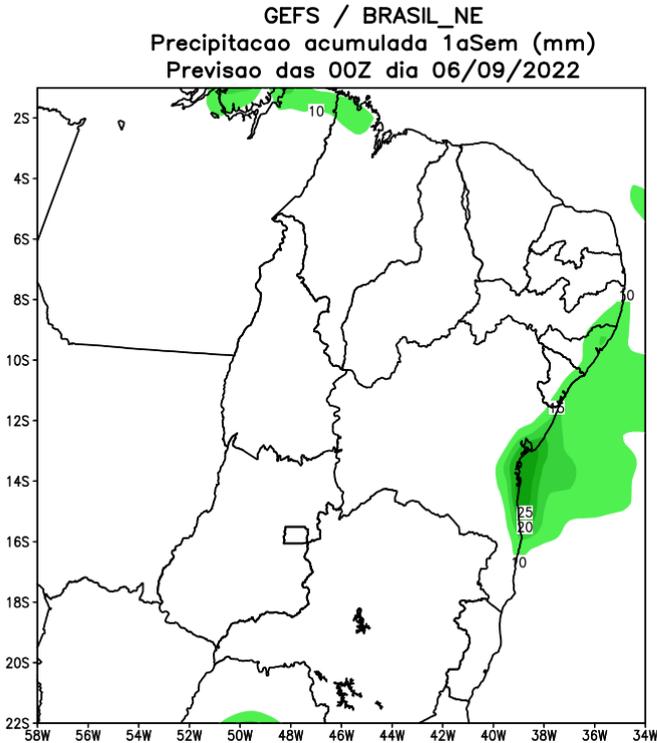
# Bacia do rio São Francisco



# Situação meteorológica atual



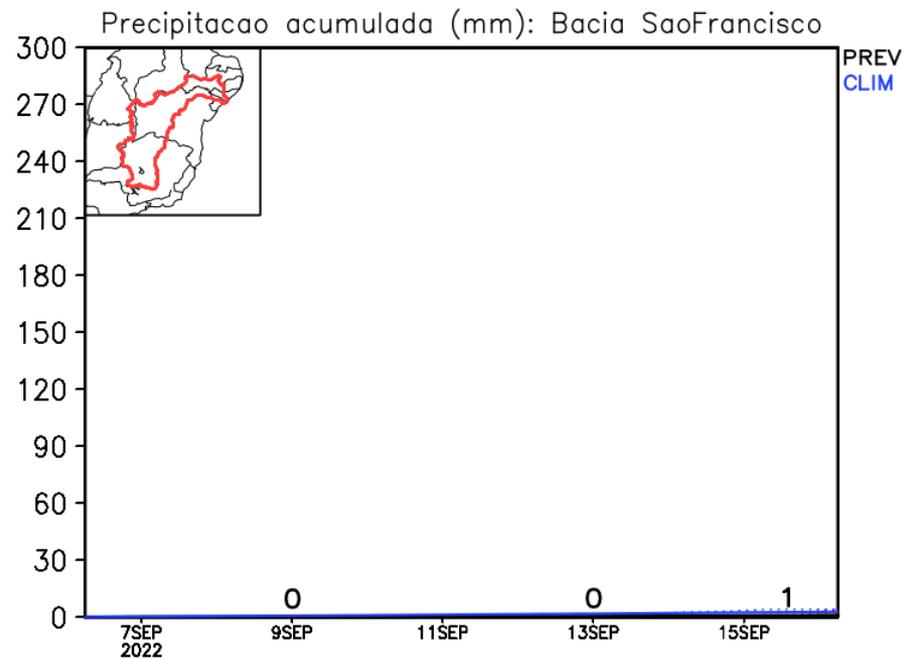
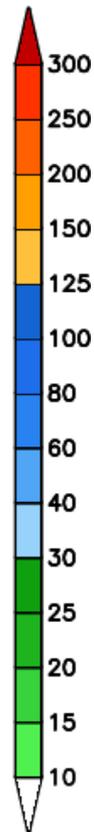
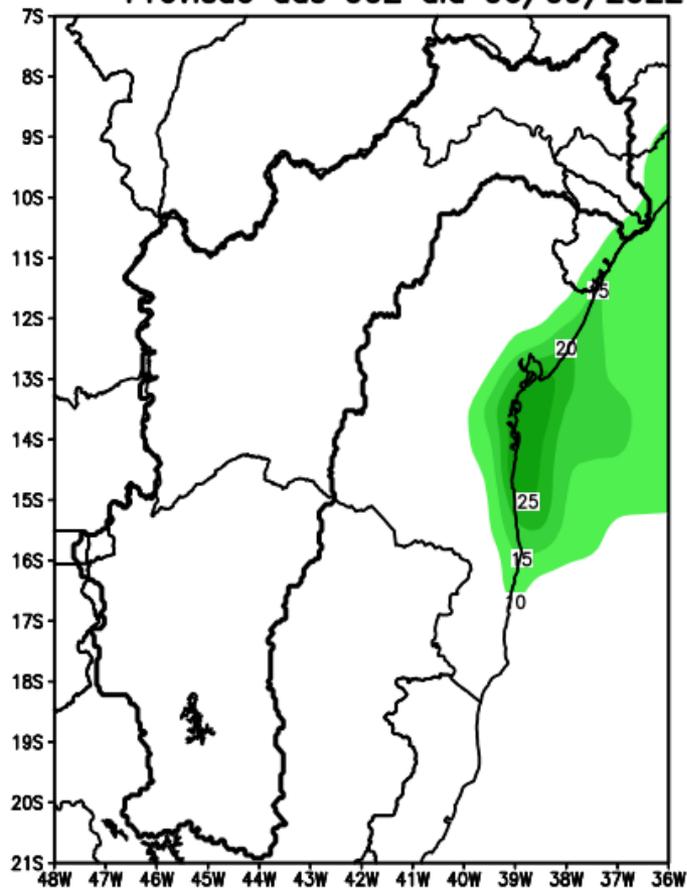
# Previsão de chuva próximos 7 dias



Fonte: GEFS/NOAA

# Bacia do rio São Francisco

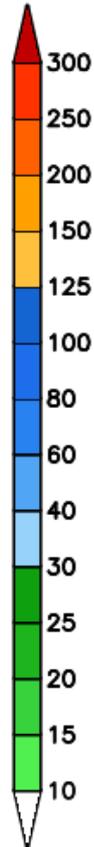
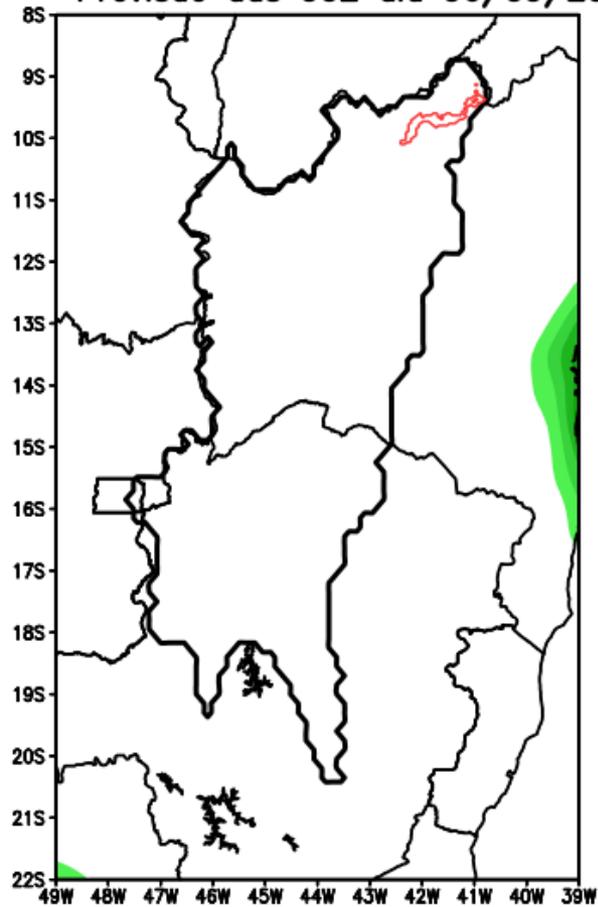
GEFS / Bacia do Rio Sao Francisco  
Precipitacao acumulada em 7 dias (mm)  
Previsao das 00Z dia 06/09/2022



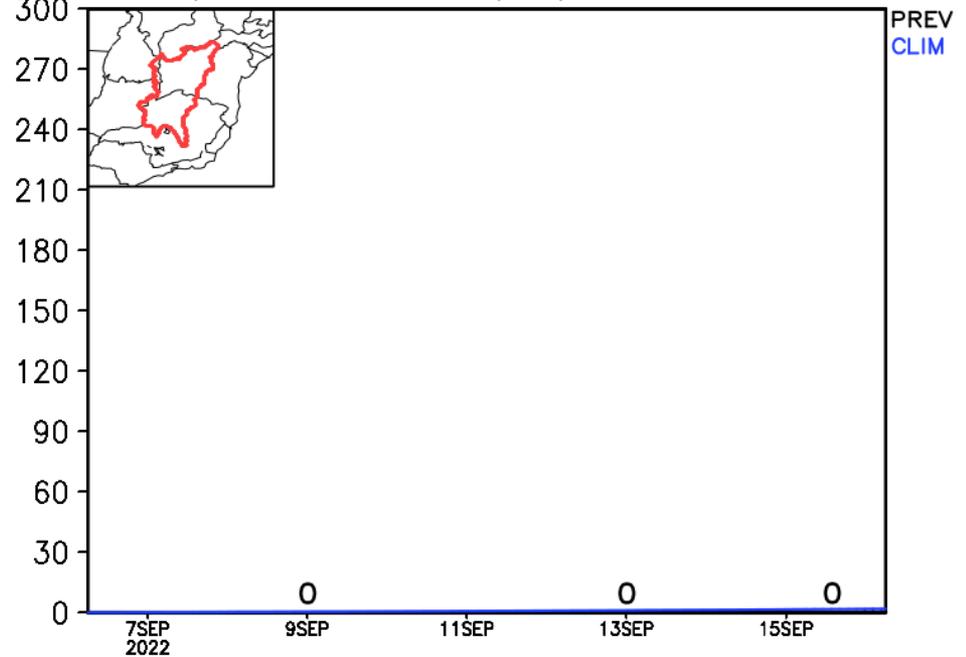
# Bacia de Sobradinho

GEFS / Sobradinho

Precipitacao acumulada em 7 dias (mm)  
Previsao das 00Z dia 06/09/2022

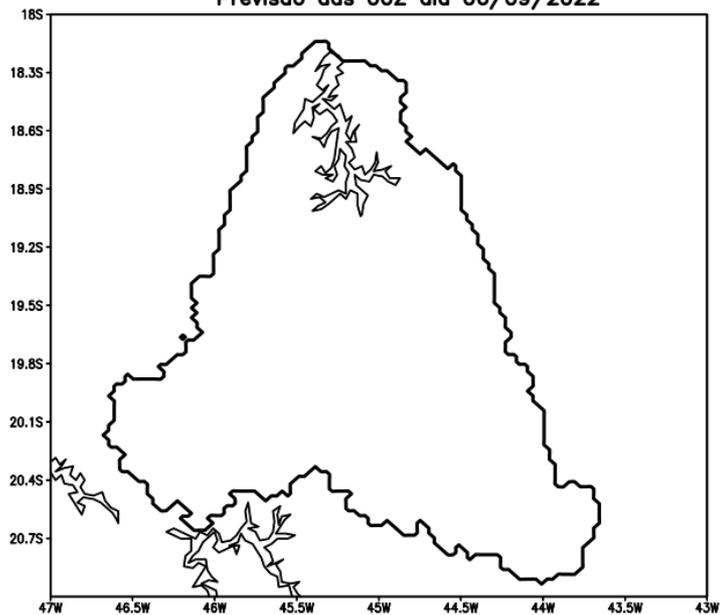


Precipitacao acumulada (mm): Bacia Sobradinho

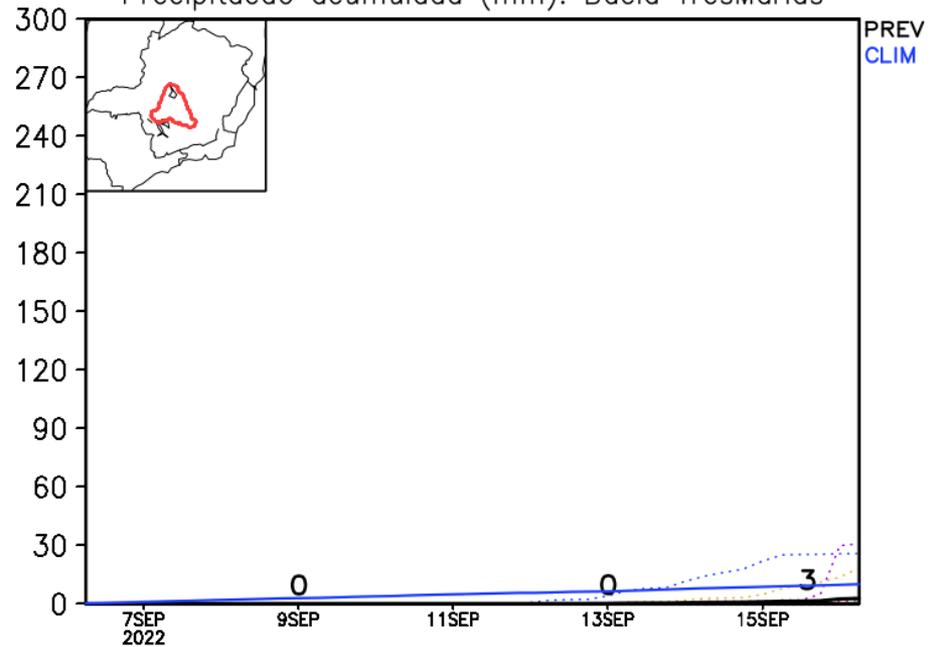


# Bacia de Três Marias

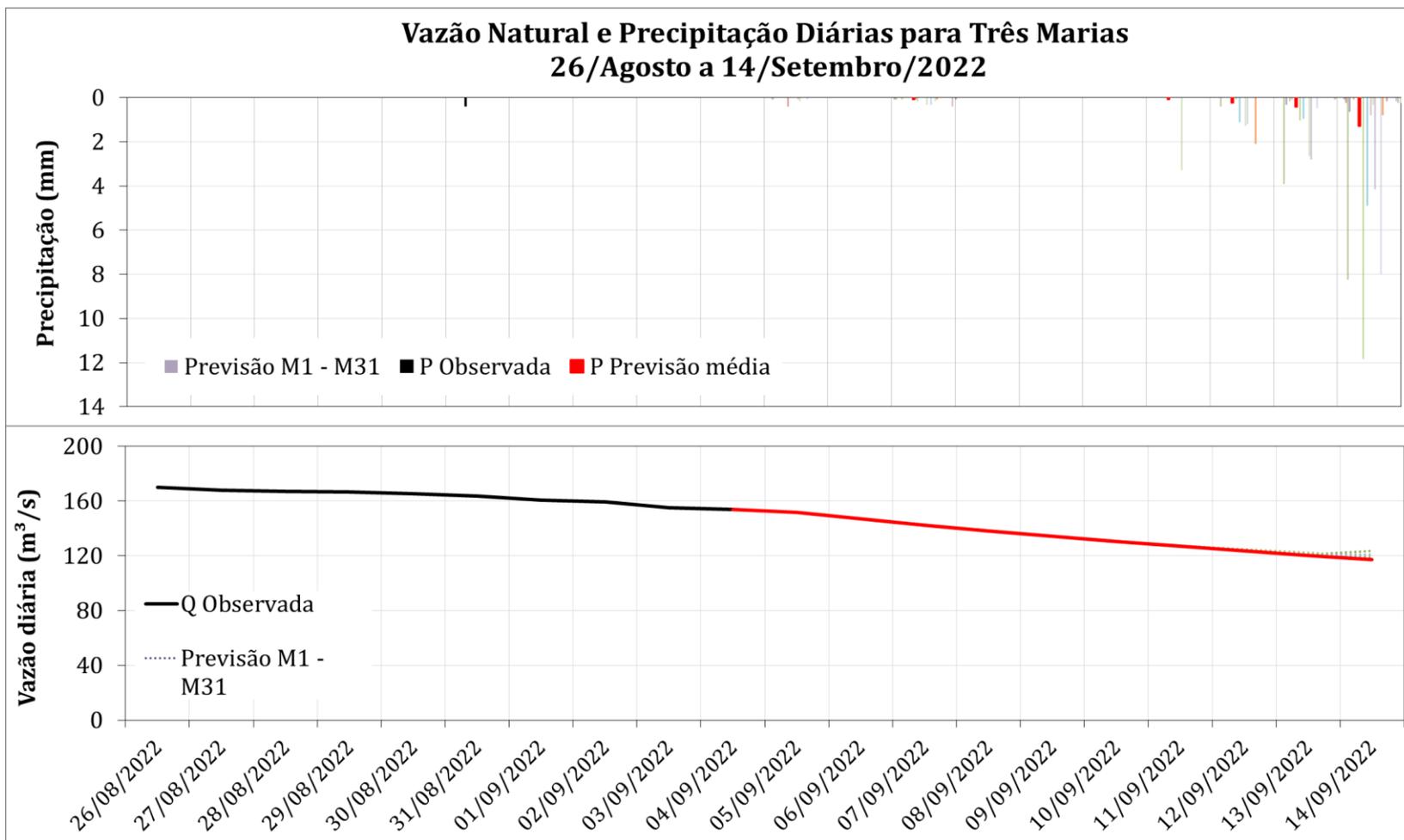
GEFS / Tres Marias  
Precipitacao acumulada em 7 dias (mm)  
Previsao das 00Z dia 06/09/2022



Precipitacao acumulada (mm): Bacia TresMarias



# UHE Três Marias: Previsão de Vazão (modelo PDM)



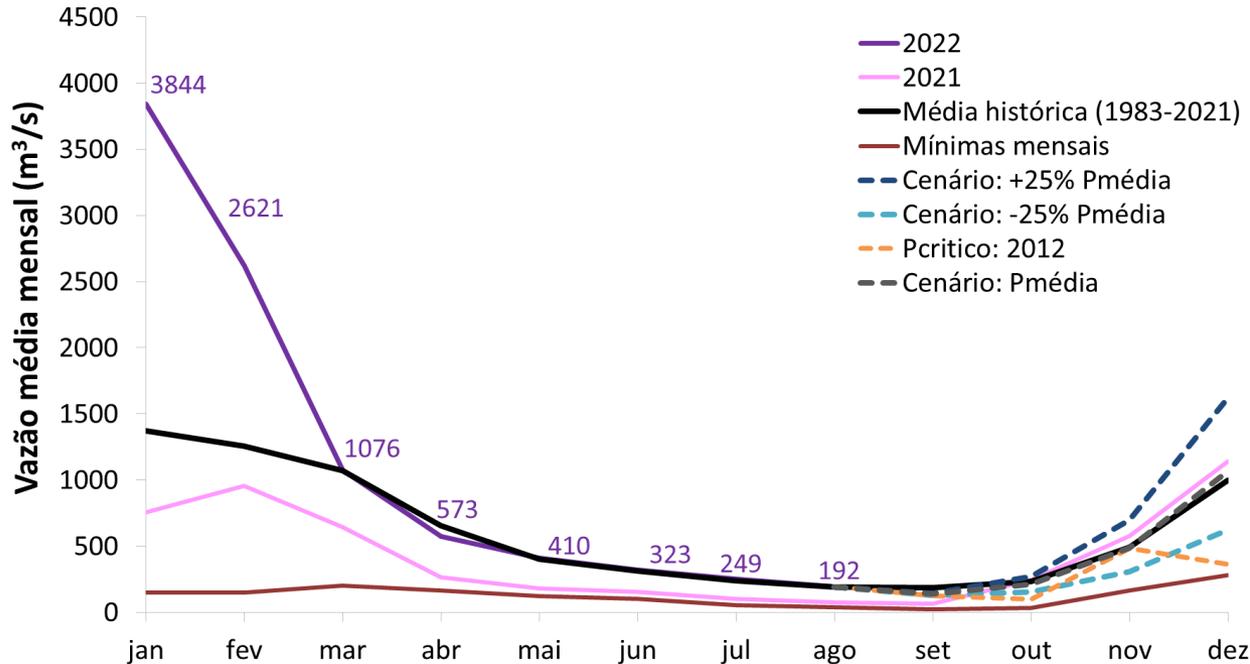
Dados **observados de precipitação** (barras pretas) para o período 26/08 a 04/09 e **previsão** para o período de 05 a 14/09  
Dados **observados de vazão** (linha preta) para o período 26/08 a 04/09 e **previsão** para o período de 05 a 14/09/  
As barras coloridas correspondem às previsões da chuva para os 31 membros GEFS/NOAA e à média destes membros.

As linhas coloridas representam os membros de previsão de vazão.

**Previsão média para os próximos 10 dias: 133 m³/s**

# UHE Três Marias: Projeções de Vazão (modelo PDM)

Histórico e simulação da vazão natural média mensal  
 UHE Três Marias - Rio São Francisco  
 Previsão: 05 a 14/Set - Projeções: 15/Set a 31/Dez/22

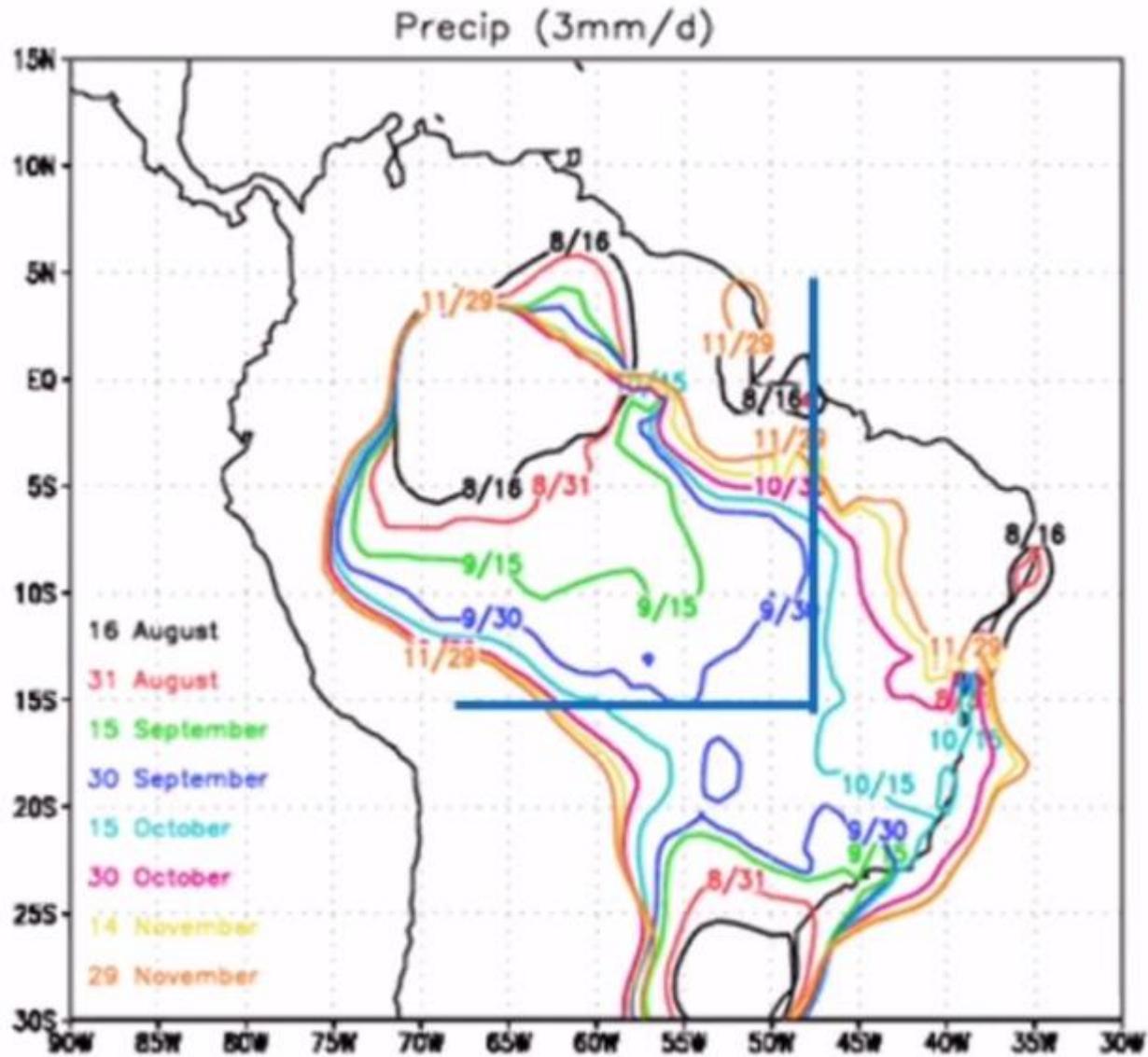


Média de Longo Termo (1983-2021)

**SETEMBRO-  
 DEZEMBRO**  
**MLT: 477 m³/s**

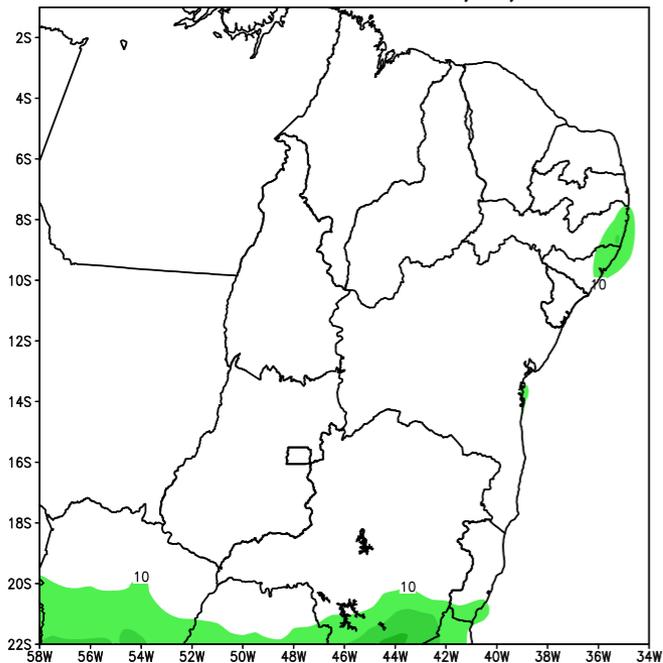
Vazão	% MLT
682 m³/s	143%
474 m³/s	99%
303 m³/s	64%
266 m³/s	56%

# EVOLUÇÃO DA ESTAÇÃO CHUVOSA

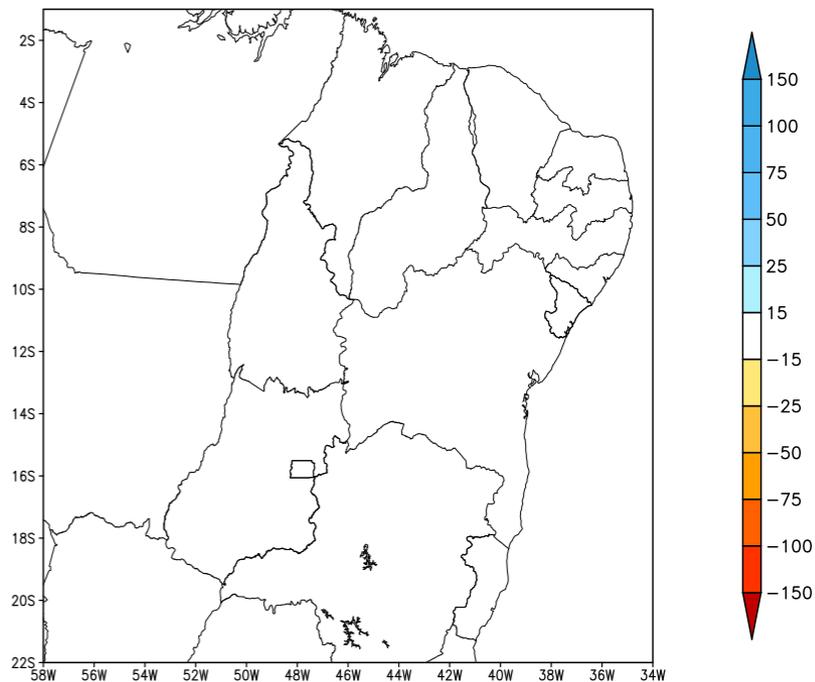


# Tendência para a 2a semana

GEFS / BRASIL\_NE  
Precipitacao acumulada 2aSem (mm)  
Previsao das 00Z dia 06/09/2022



Anomalia de Precipitacao BR NE (mm)  
Periodo: 2022091400 a 2022092000

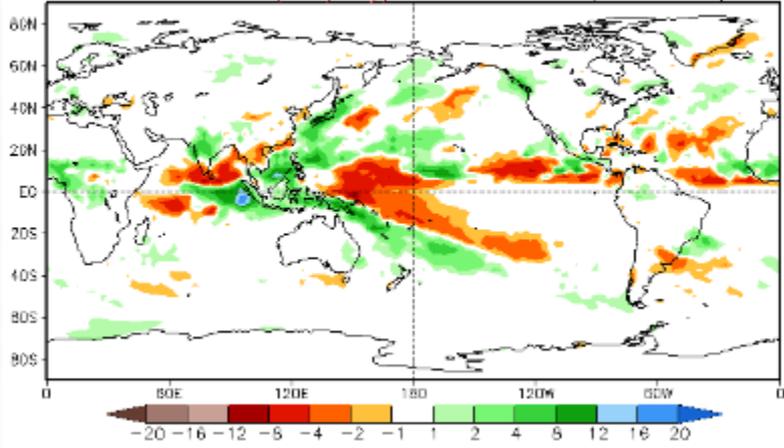


Modelo GFS/NOAA

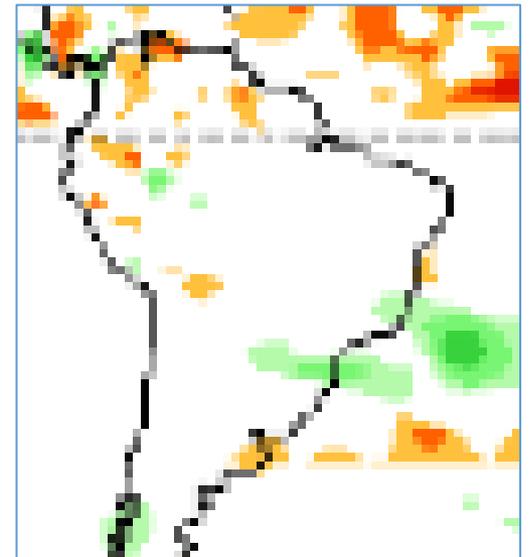
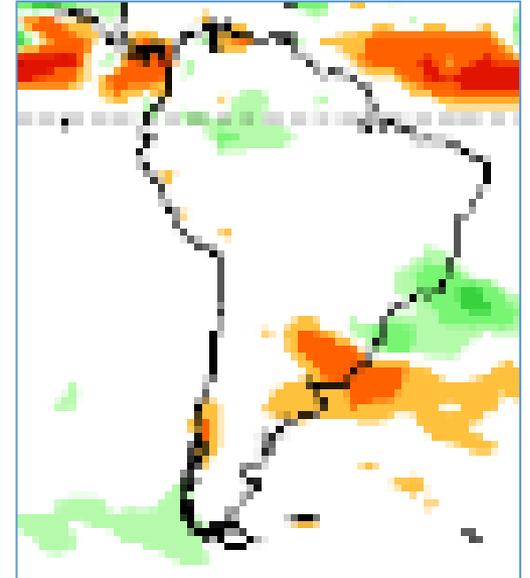
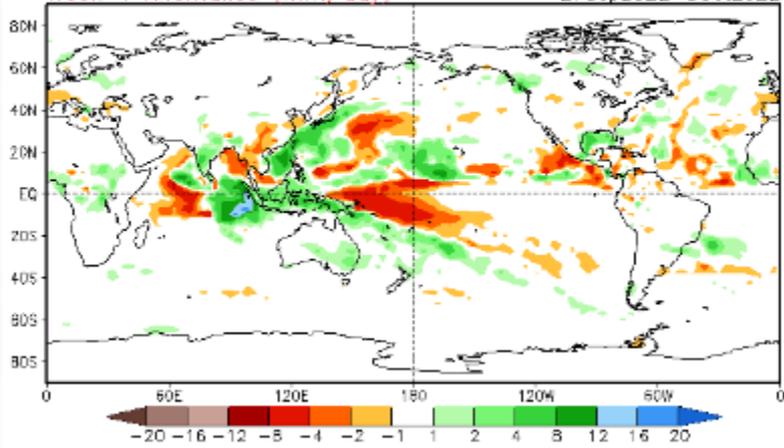
# Tendência 3a e 4a semanas

16 Member Ensemble Mean Forecast from 05Sep2022

Week 3 Anomalies (mm/day) 20Sep2022-26Sep2022

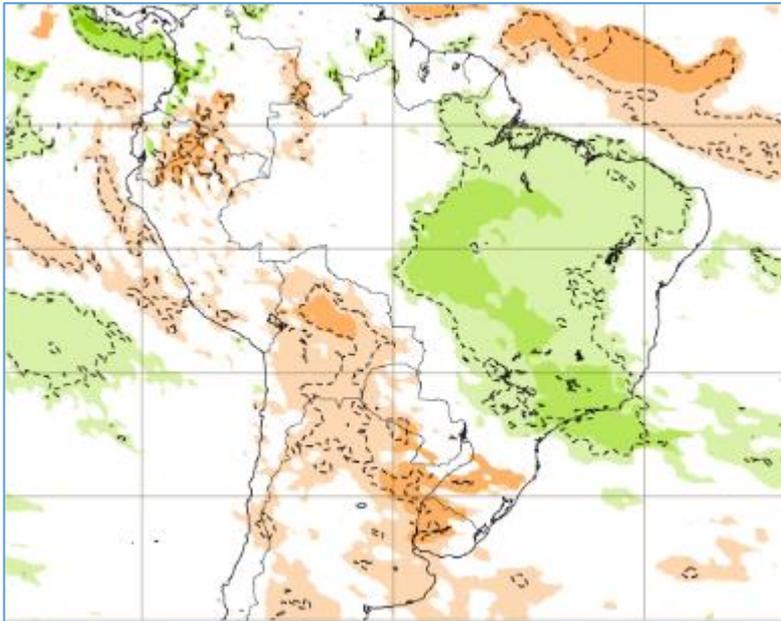


Week 4 Anomalies (mm/day) 27Sep2022-30Oct2022

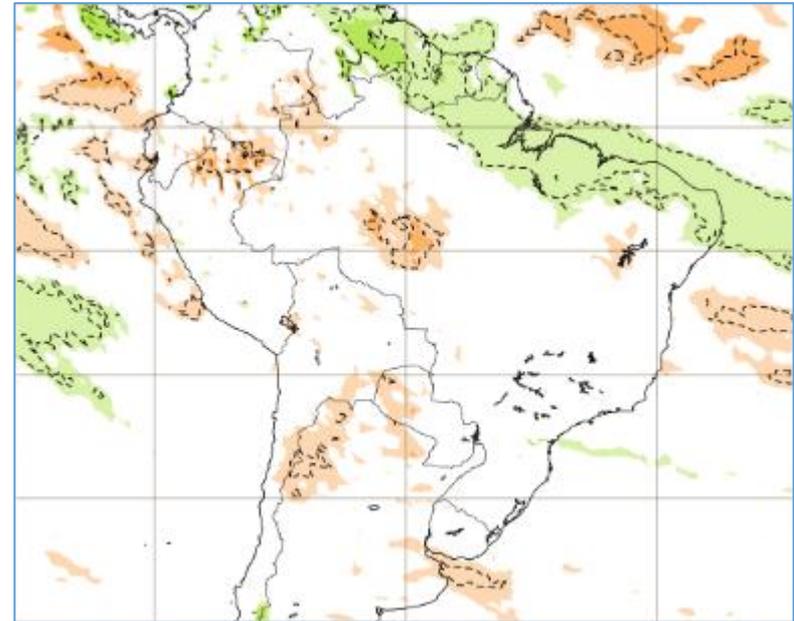


# Tendência para 3ª e 4ª semanas

19-26/09

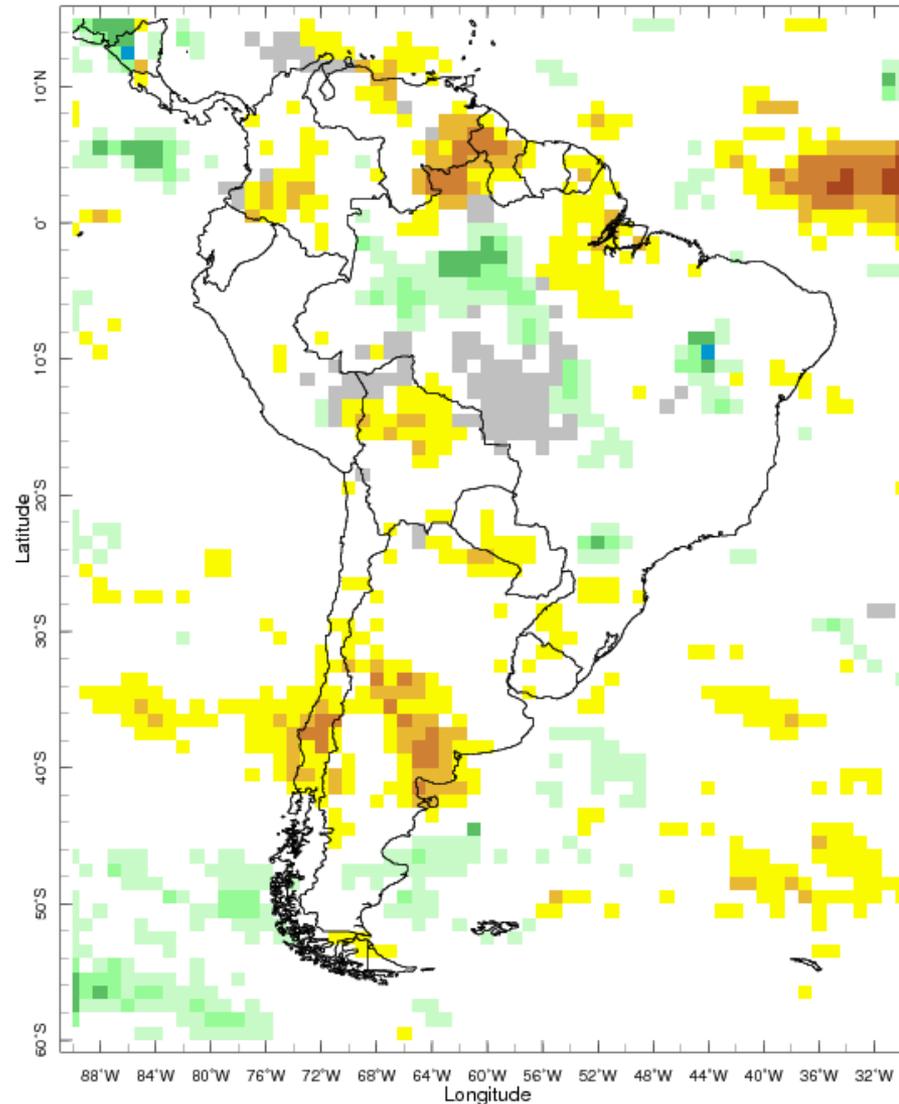


26/09-03/10



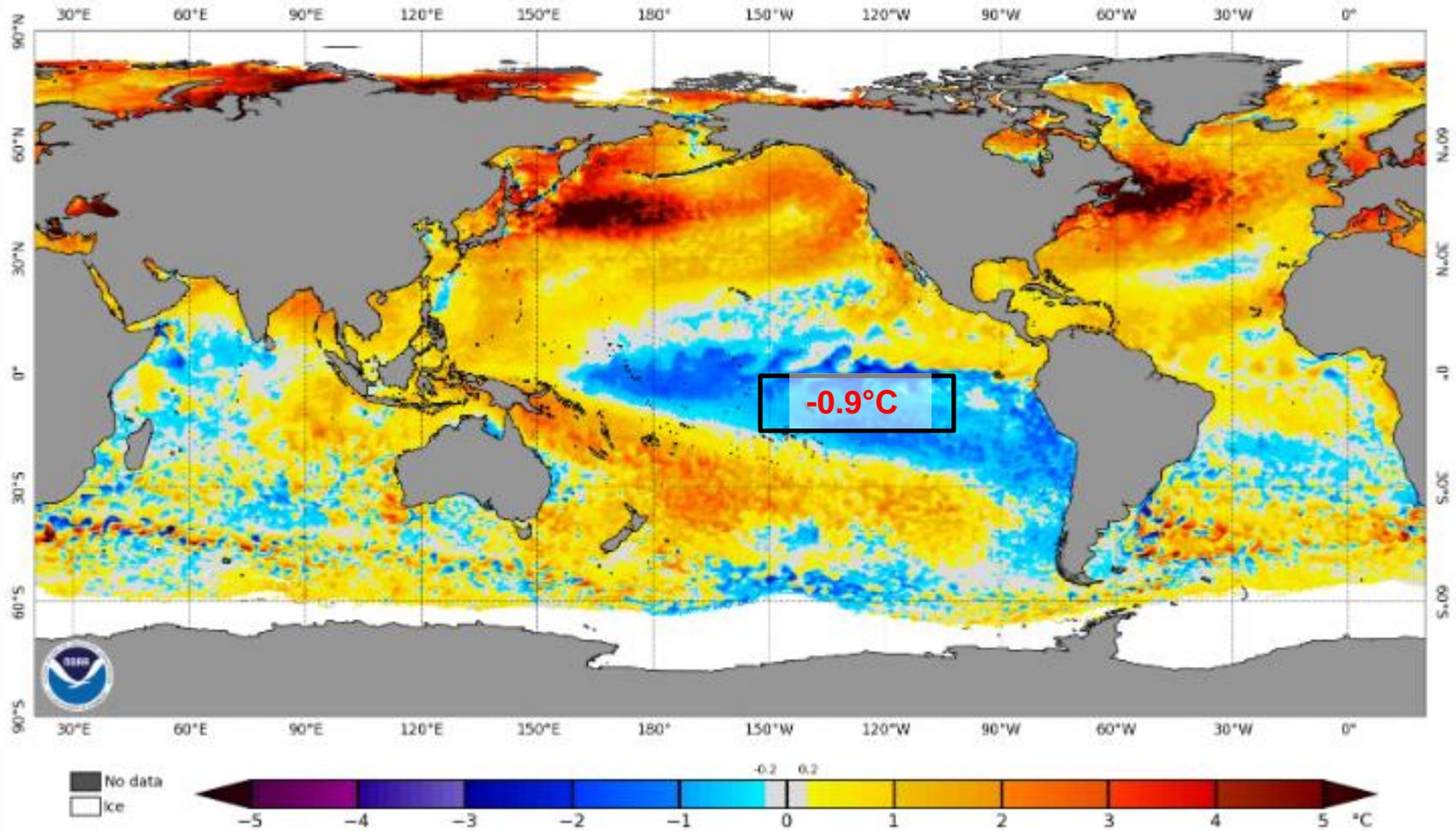
# Tendência 3a e 4a semanas

17-30/09



# Status Atual: La Niña

NOAA Coral Reef Watch Daily 5km SST Anomalies (v3.1) 4 Sep 2022

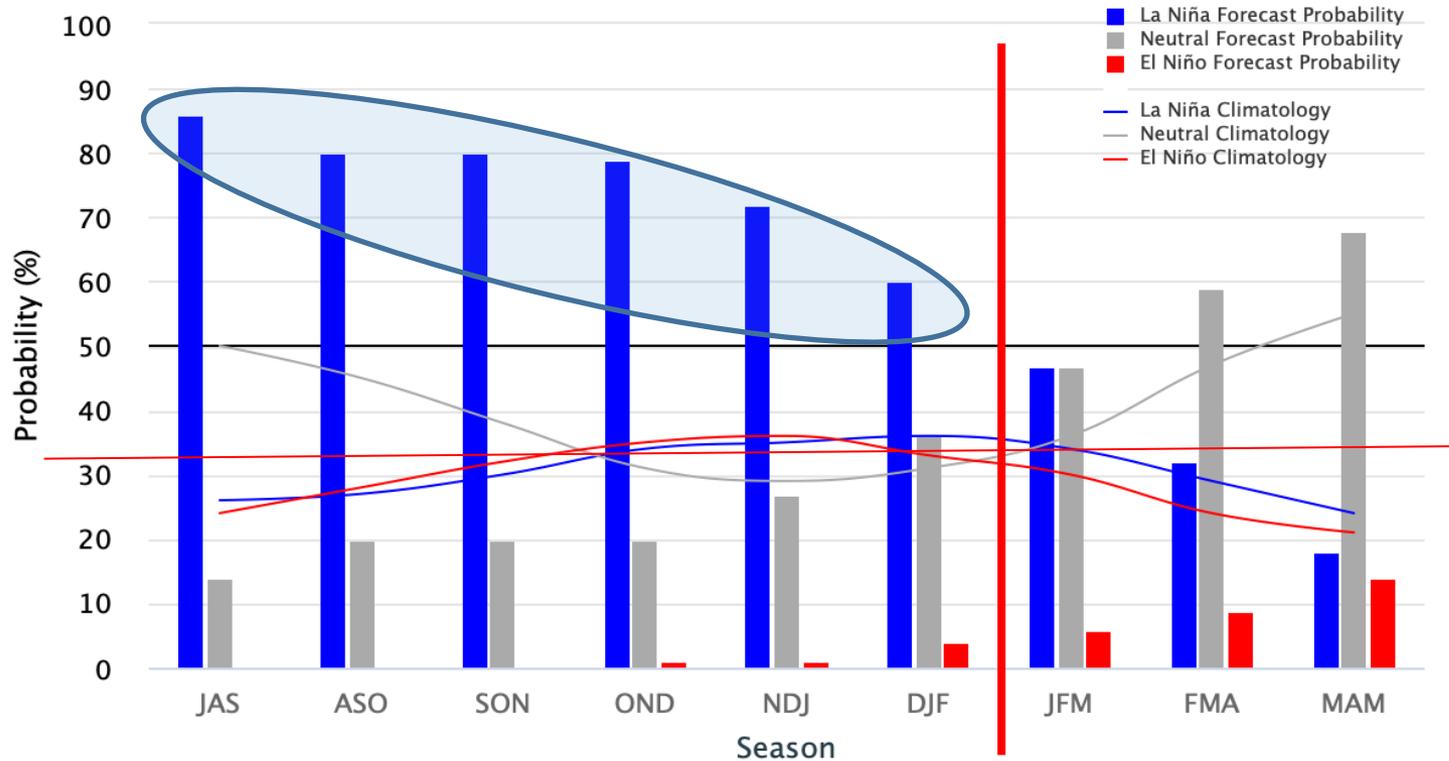


# Previsão do “La Niña”

## Early–August 2022 CPC Official Probabilistic ENSO Forecasts

ENSO state based on NINO3.4 SST Anomaly

Neutral ENSO:  $-0.5\text{ }^{\circ}\text{C}$  to  $0.5\text{ }^{\circ}\text{C}$



Status Atual: **La Niña**

# Previsão sazonal de Chuva SON

