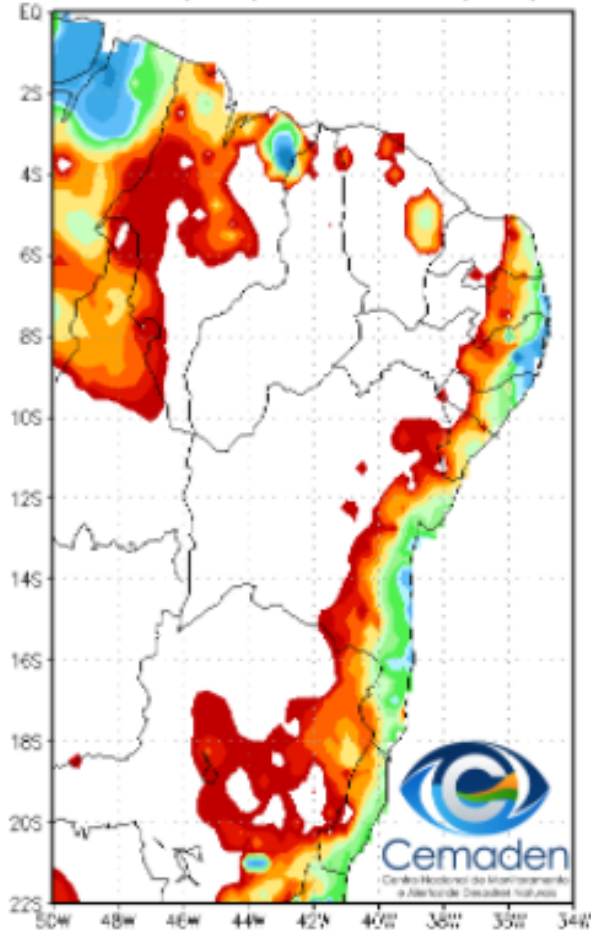


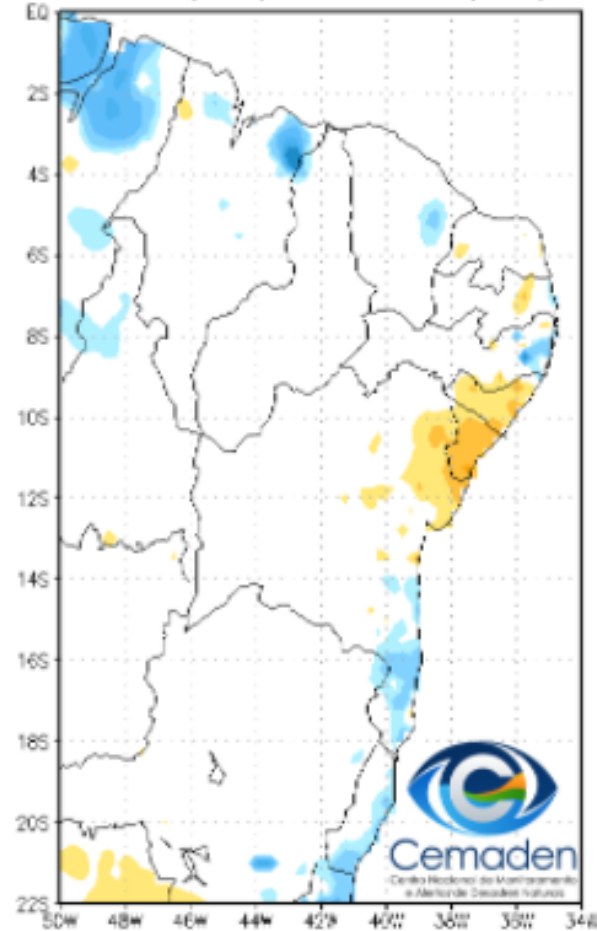
# Monitoramento, Previsões e Projeções para a Bacia do Rio São Francisco

## Chuva dos últimos 30 dias

Precipitação Acumulada (mm)  
Período: 07/08/2021 a 06/09/2021

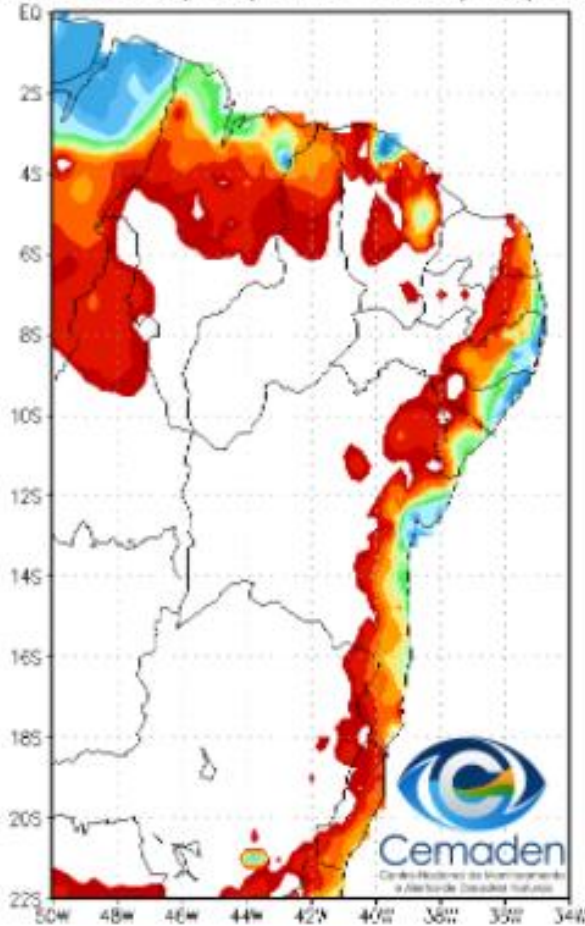


Anomalia de Precipitação (mm)  
Período: 07/08/2021 a 06/09/2021

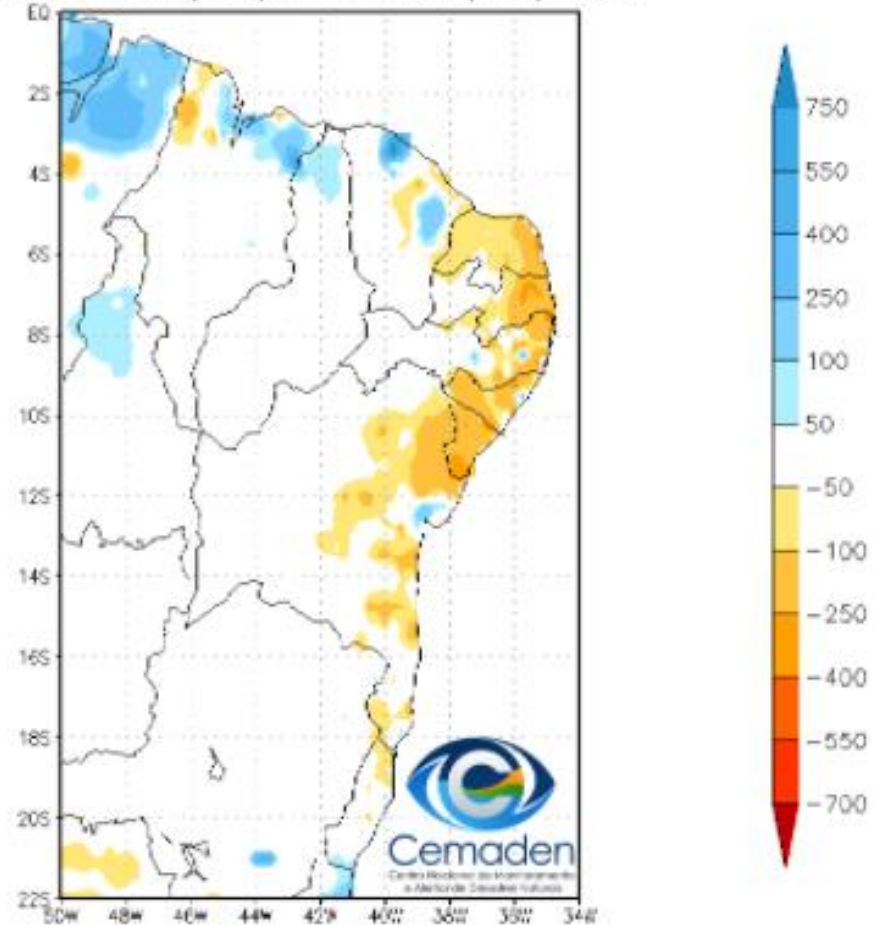


## Chuva nos últimos 90 dias

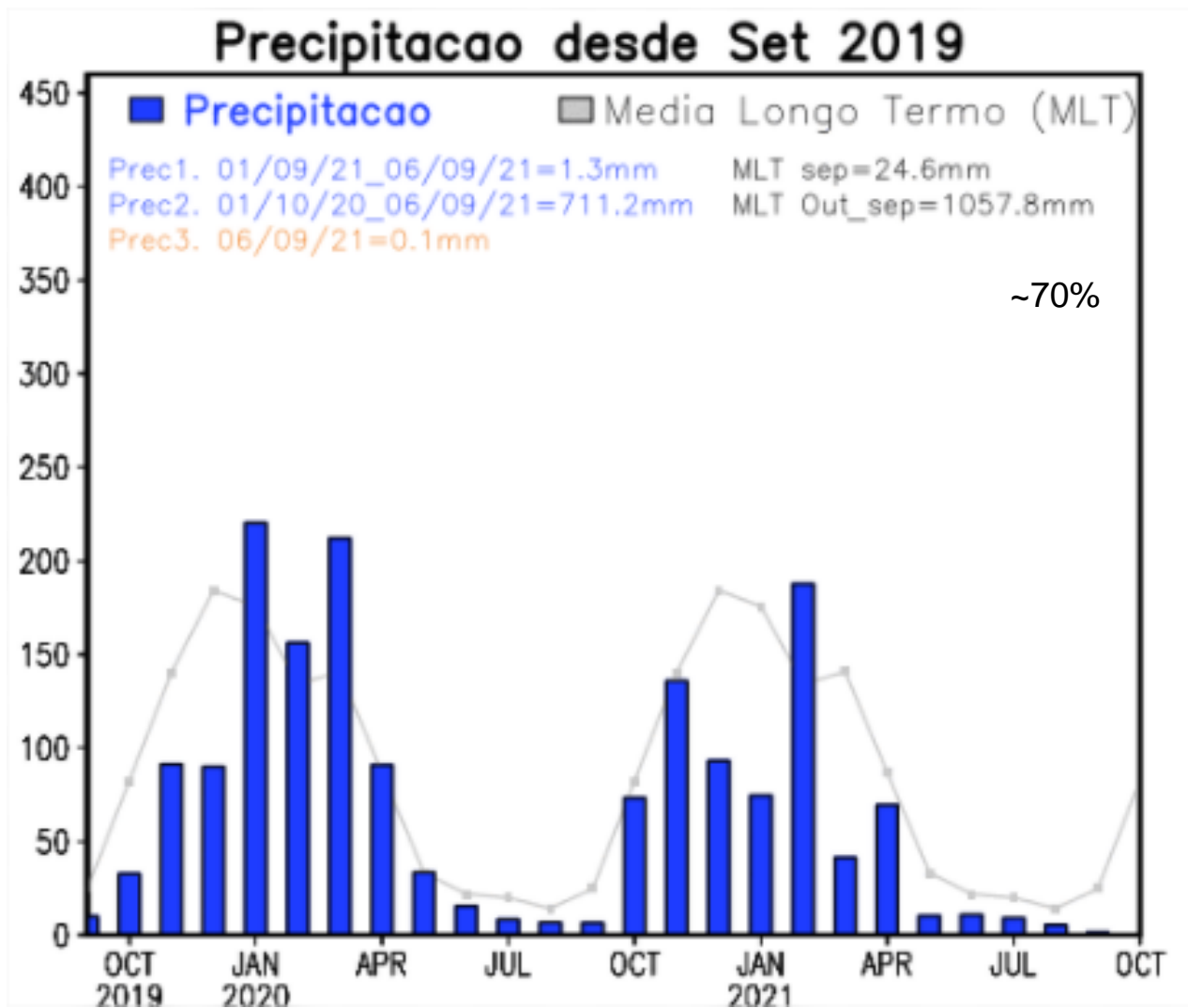
Precipitação Acumulada (mm)  
Período: 08/06/2021 a 06/09/2021



Anomalia de Precipitação (mm)  
Período: 08/06/2021 a 06/09/2021

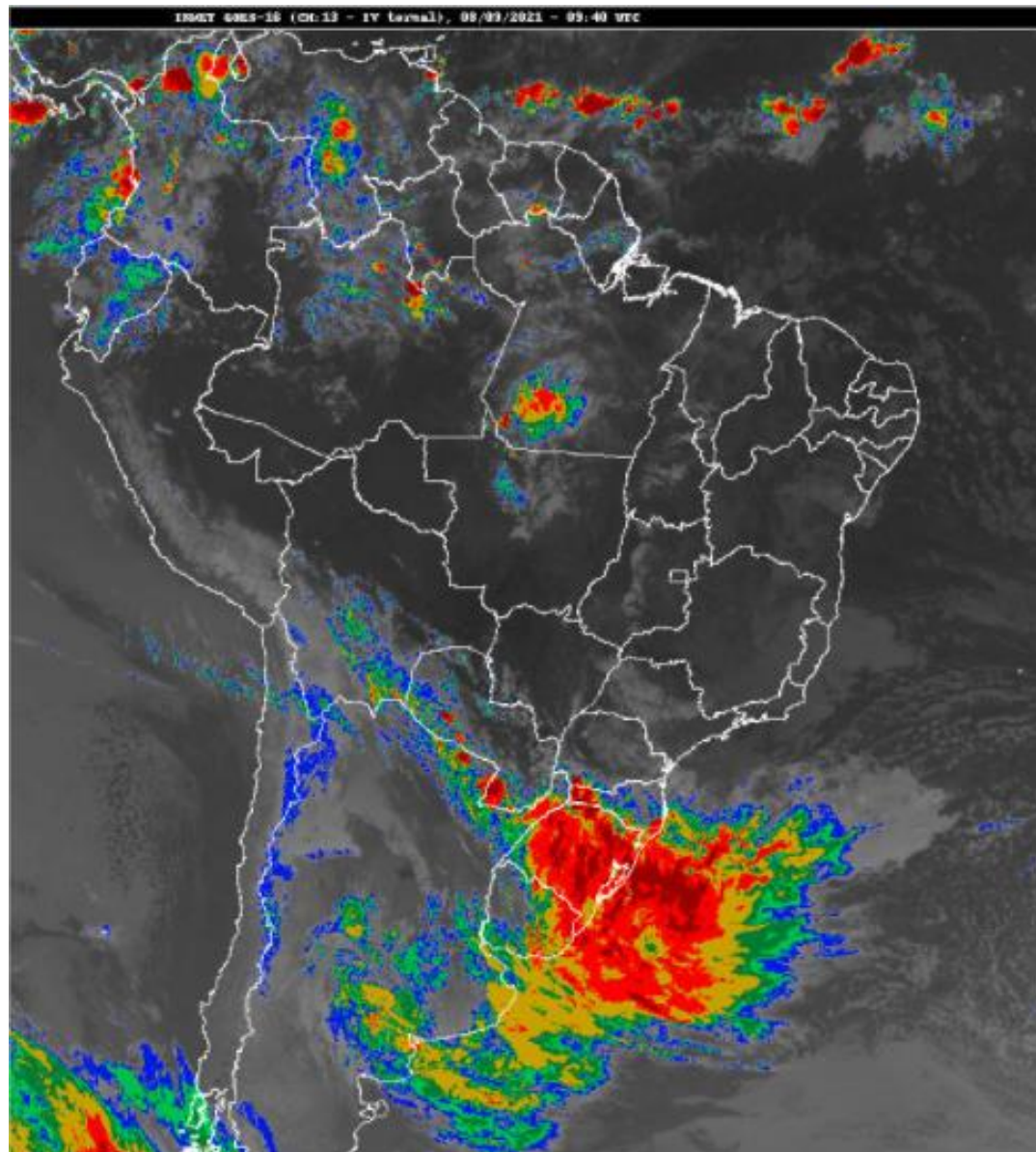


# Bacia do rio São Francisco

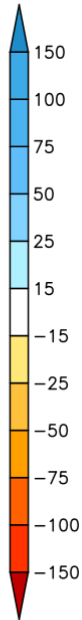
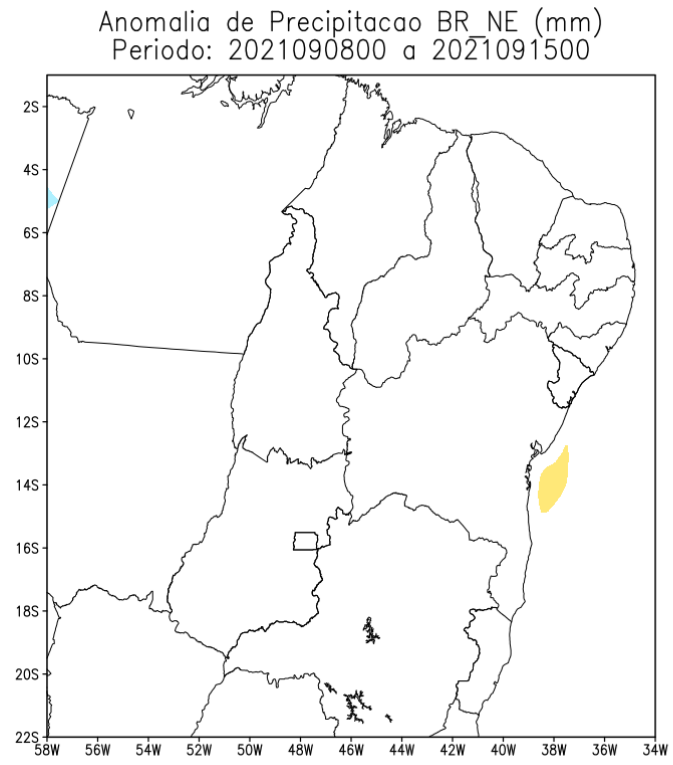
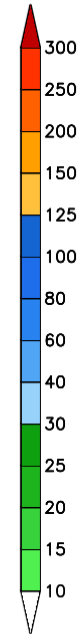
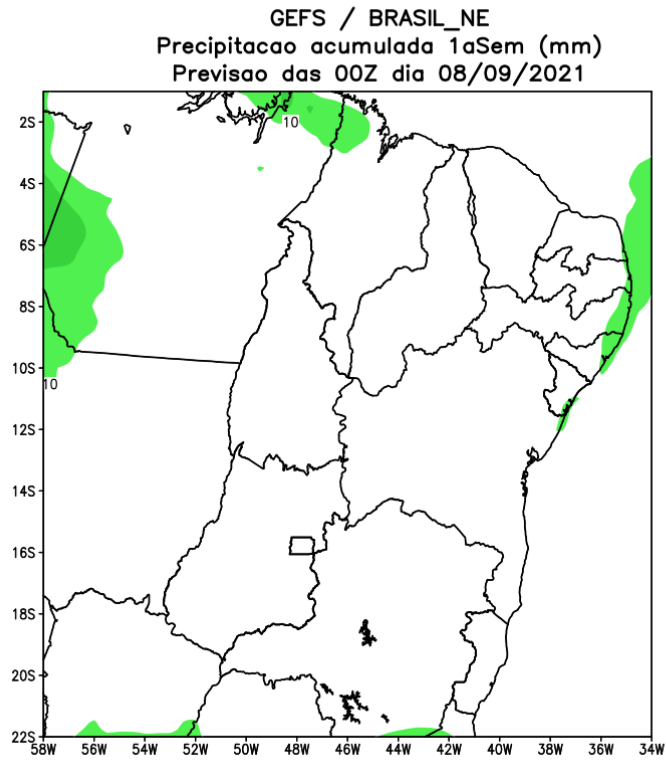




## Situação Meteorológica atual



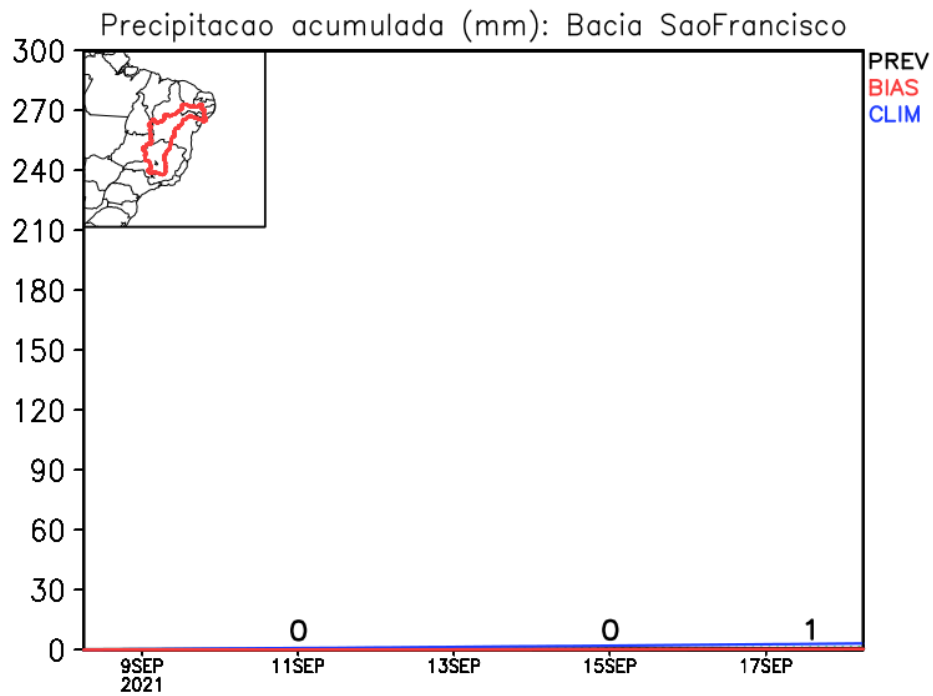
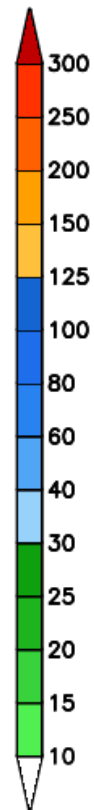
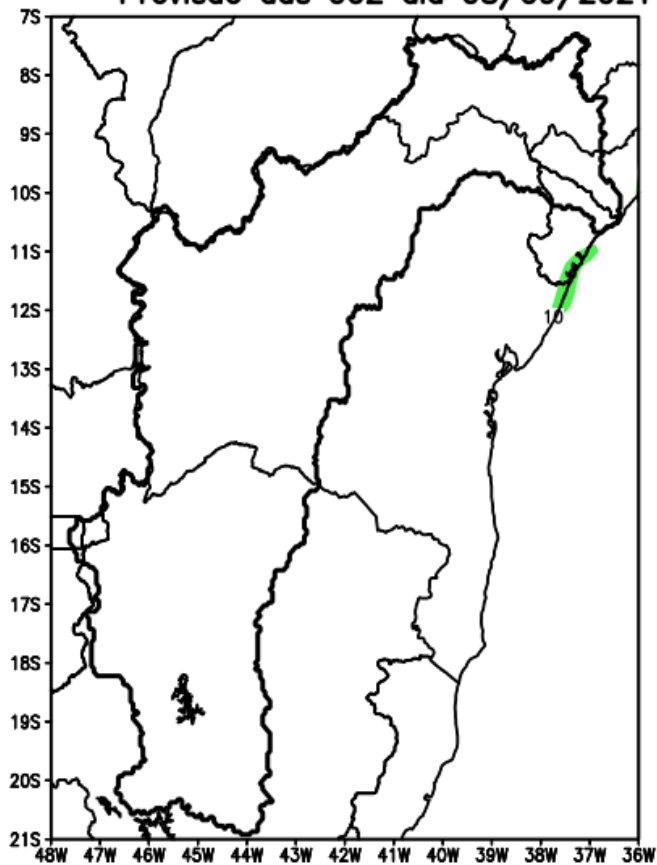
# Previsão de chuva próximos 7 dias



Fonte: GEFS/NOAA

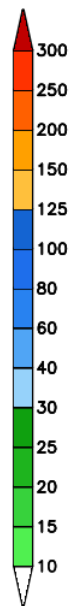
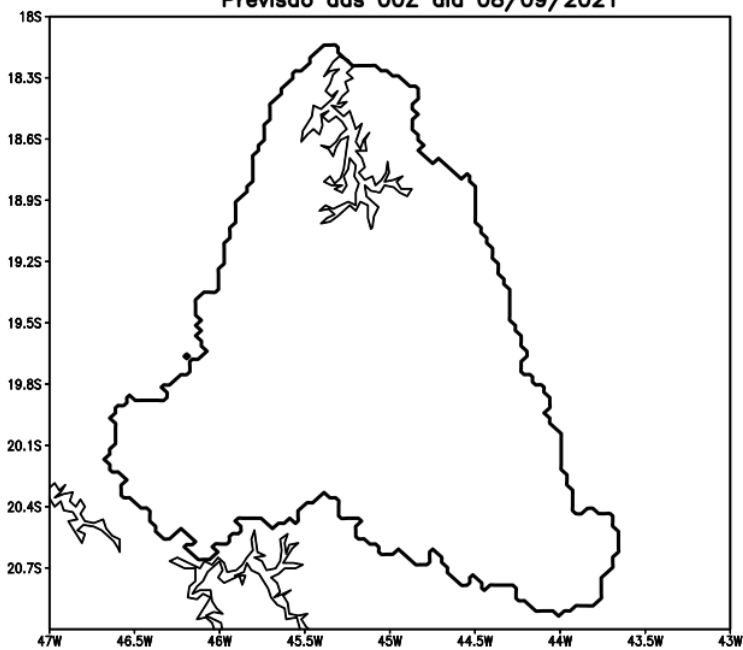
# Bacia do rio São Francisco

GEFS / Bacia do Rio Sao Francisco  
Precipitacao acumulada em 7 dias (mm)  
Previsao das 00Z dia 08/09/2021

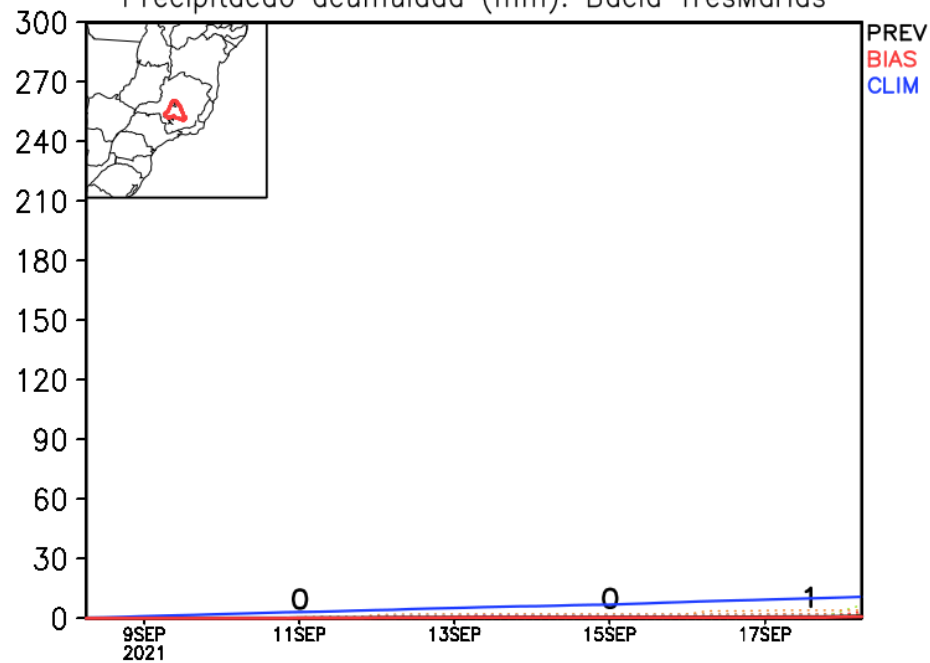


# Bacia de Três Marias

GEFS / Tres Marias  
Precipitacao acumulada em 7 dias (mm)  
Previsao das 00Z dia 08/09/2021



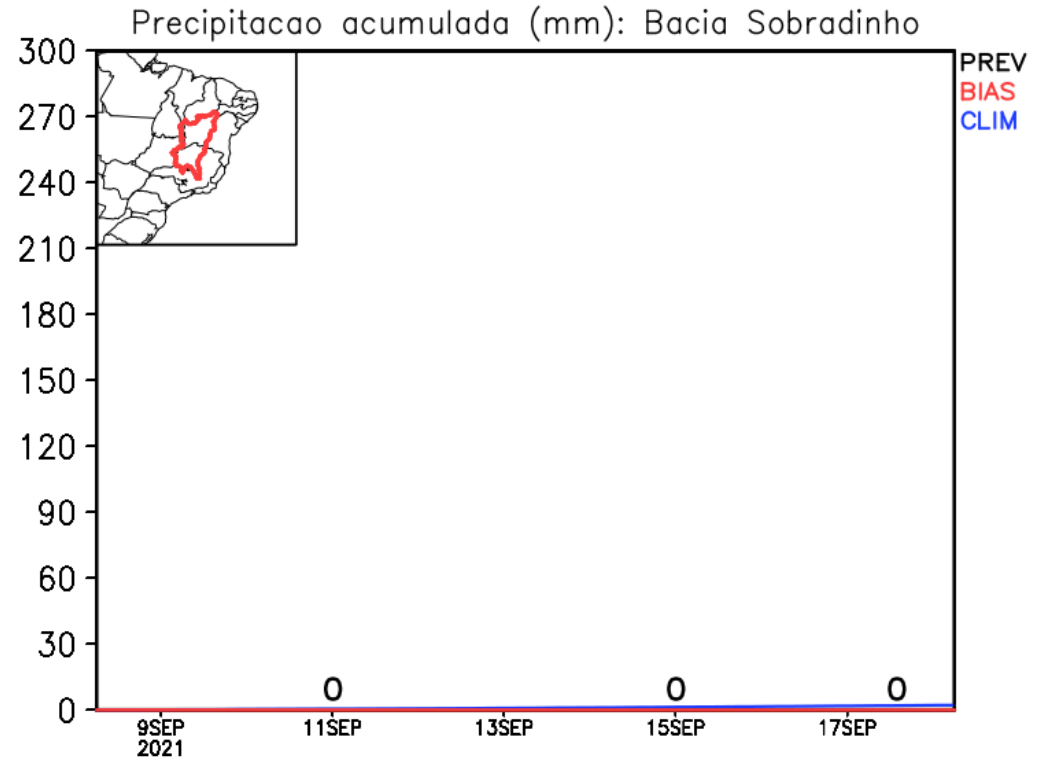
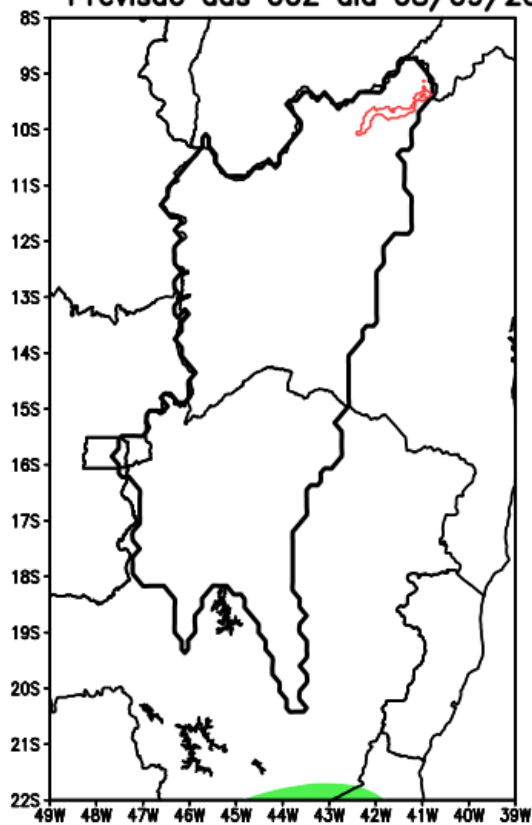
Precipitacao acumulada (mm): Bacia TresMarias





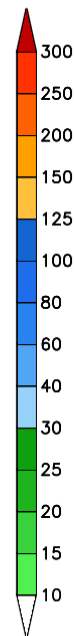
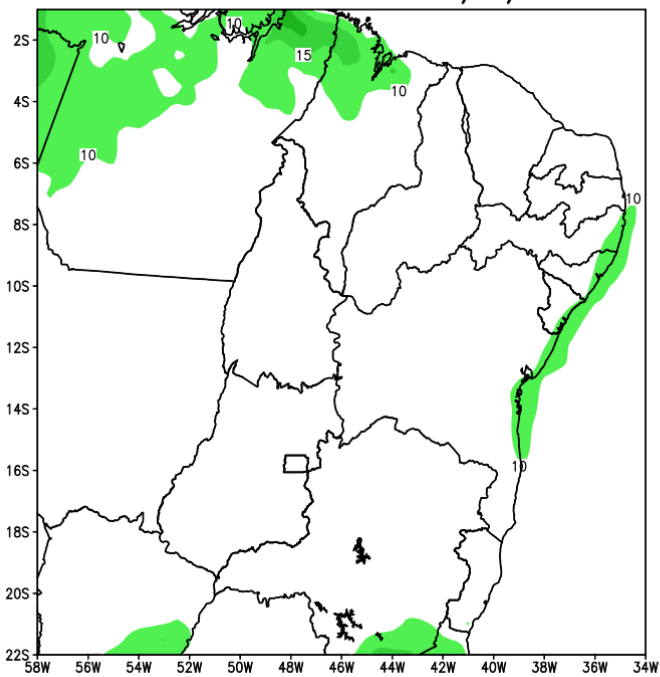
# Bacia de Sobradinho

GEFS / Sobradinho  
Precipitacao acumulada em 7 dias (mm)  
Previsao das 00Z dia 08/09/2021

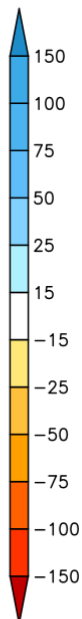
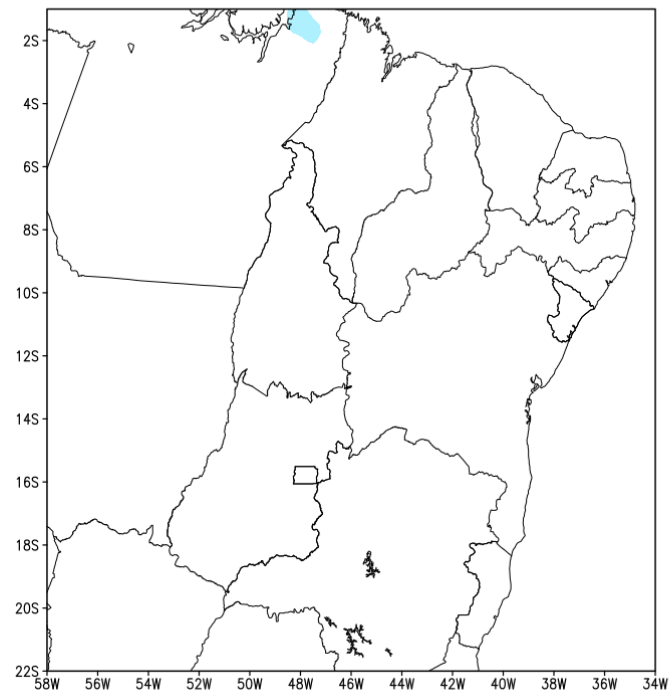


# Tendência para a 2a semana

GEFS / BRASIL\_NE  
Precipitacao acumulada 2aSem (mm)  
Previsao das 00Z dia 08/09/2021



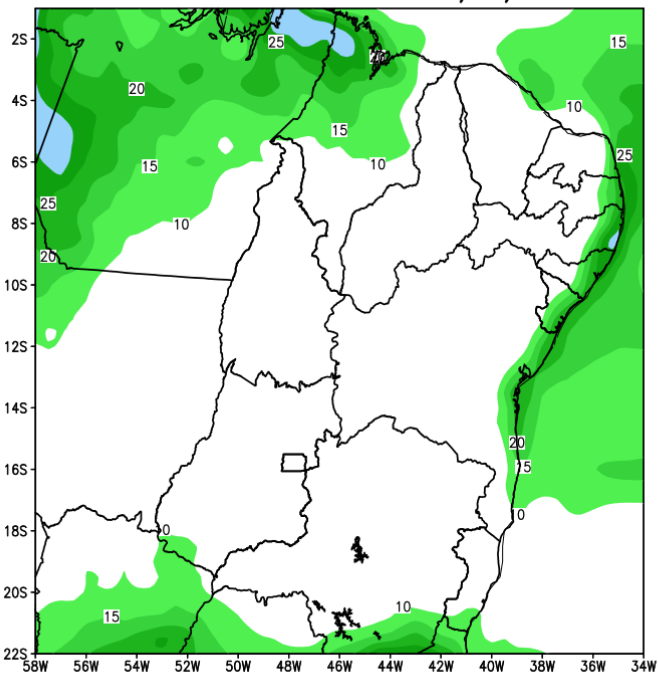
Anomalia de Precipitacao BR\_NE (mm)  
Periodo: 2021091600 a 2021092200



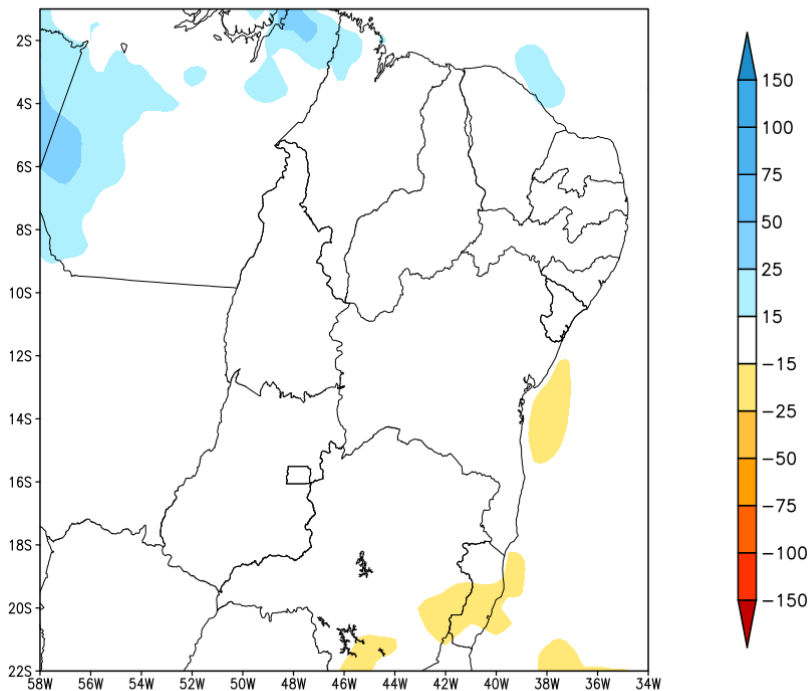
Modelo GFS/NOAA

# Tendência para as próximas duas semanas

GEFS / BRASIL\_NE  
Precipitacao acumulada 14dias (mm)  
Previsao das 00Z dia 08/09/2021



Anomalia de Precipitacao BR\_NE (mm)  
Periodo: 2021090800 a 2021092200



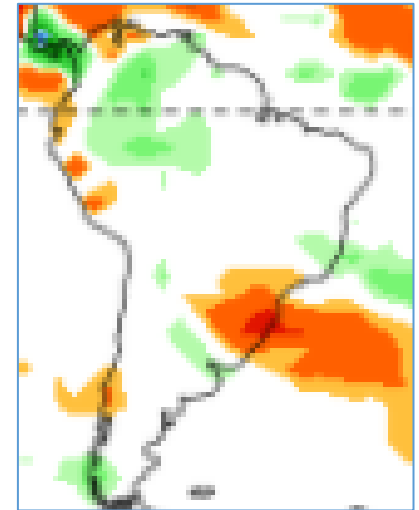
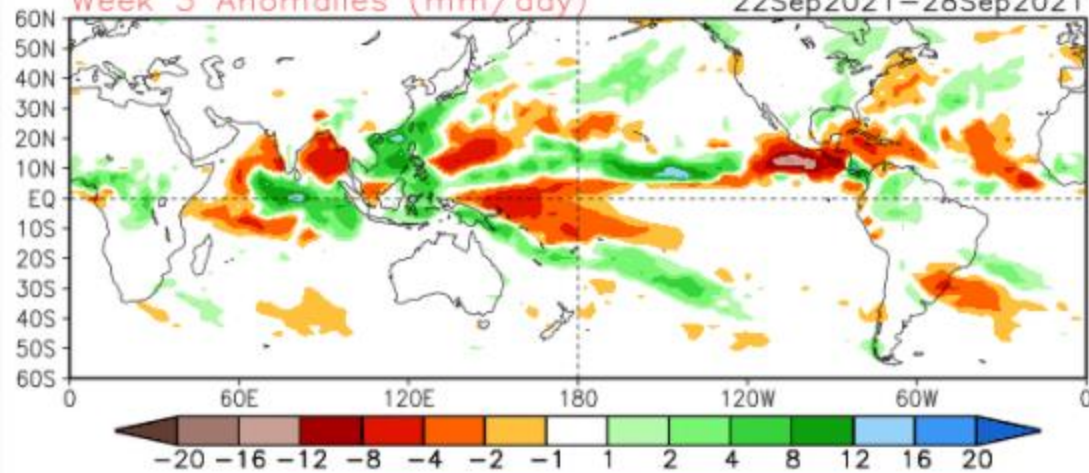
Modelo GFS/NOAA

# Tendência para 3ª e 4ª semanas

16 Member Ensemble Mean Forecast from 07Sep2021

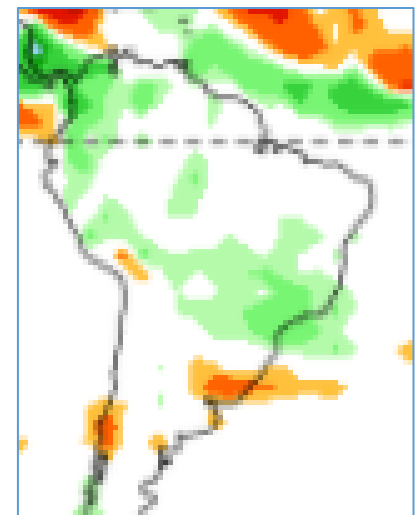
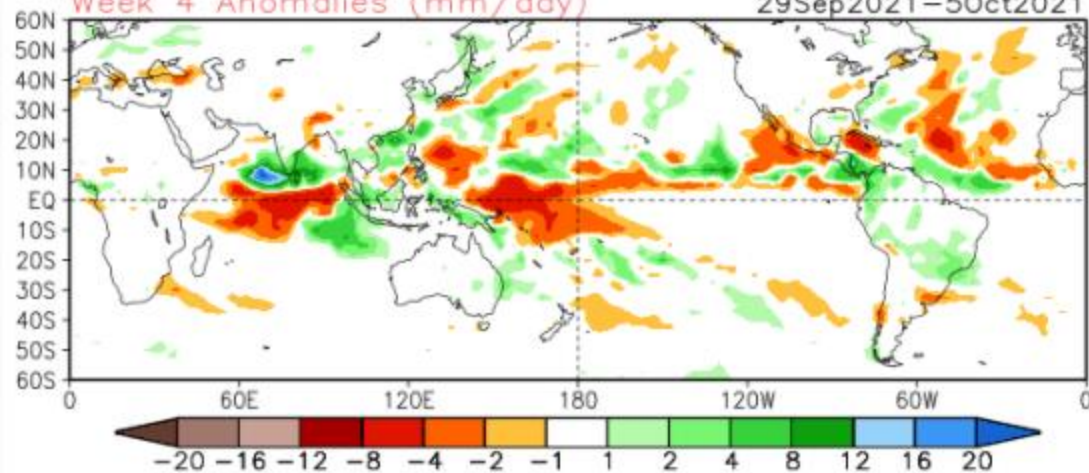
Week 3 Anomalies (mm/day)

22Sep2021–28Sep2021



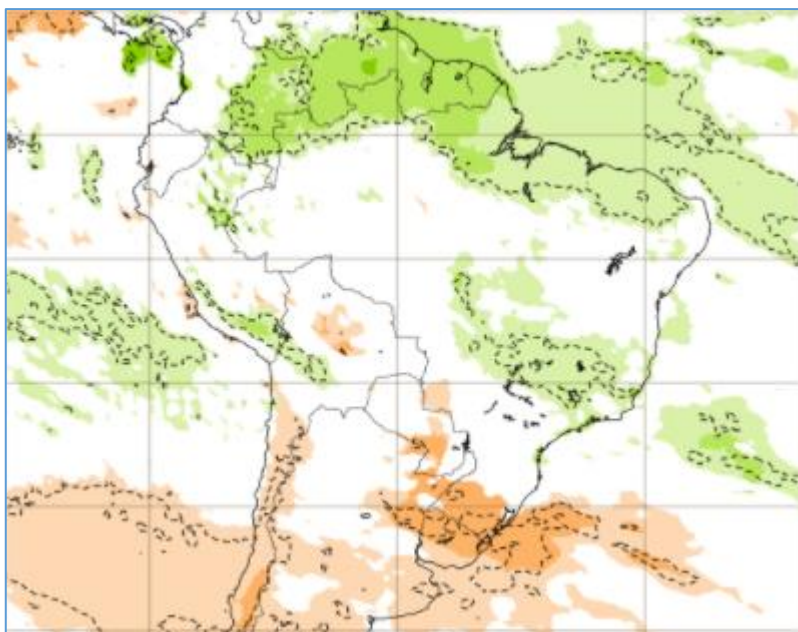
Week 4 Anomalies (mm/day)

29Sep2021–50Oct2021

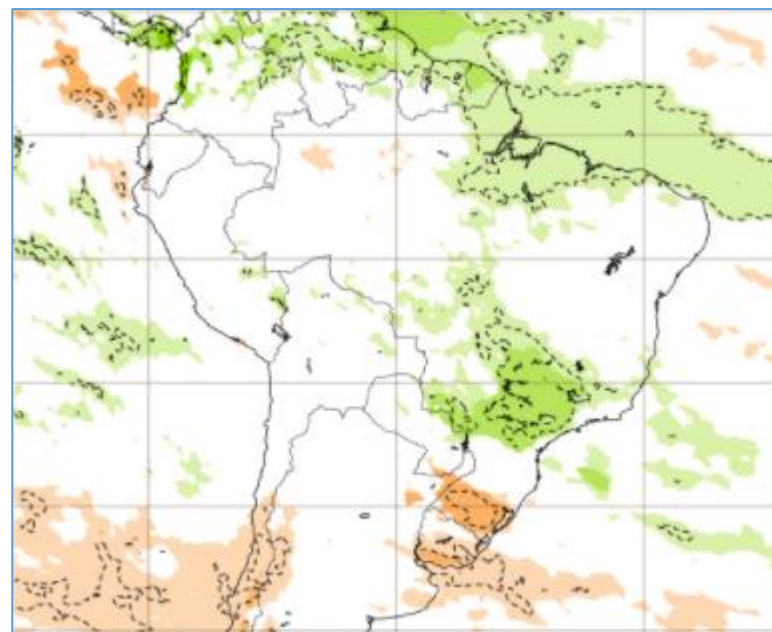


# Tendência para 3ª e 4ª semanas

20-27/09

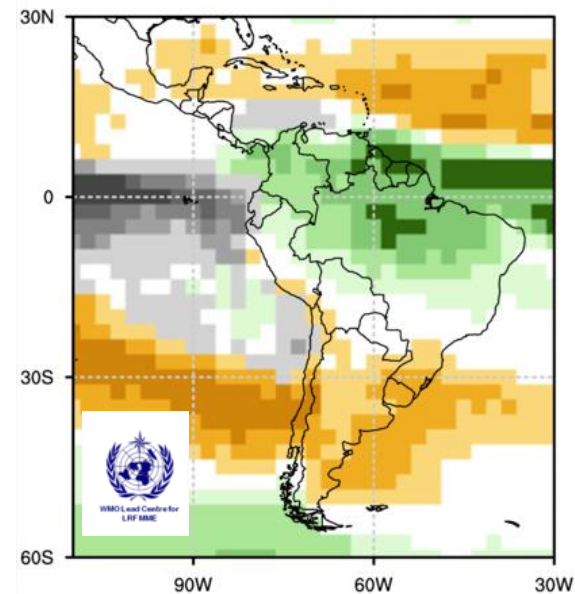
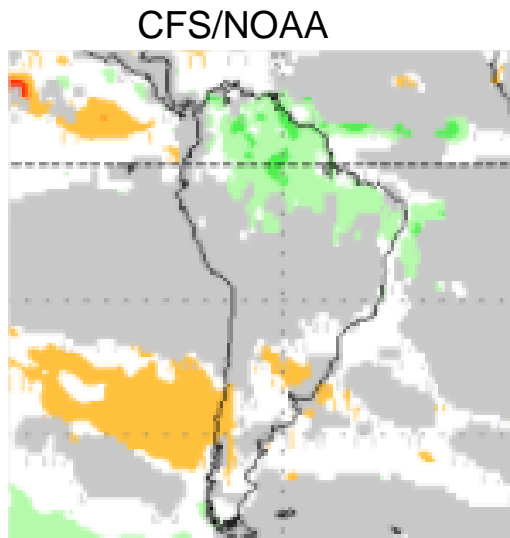
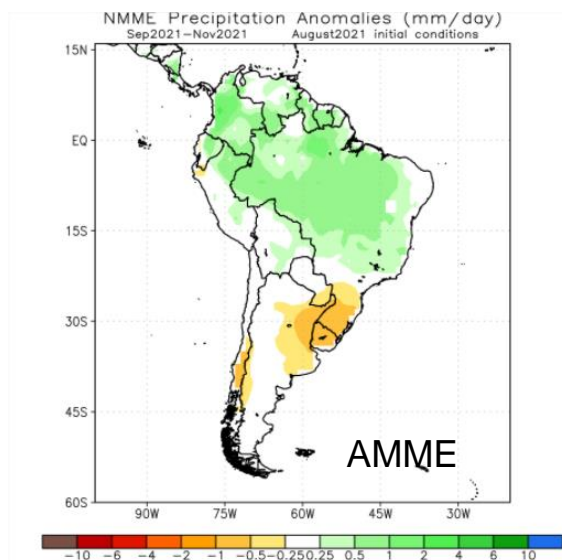


27/09-04/10

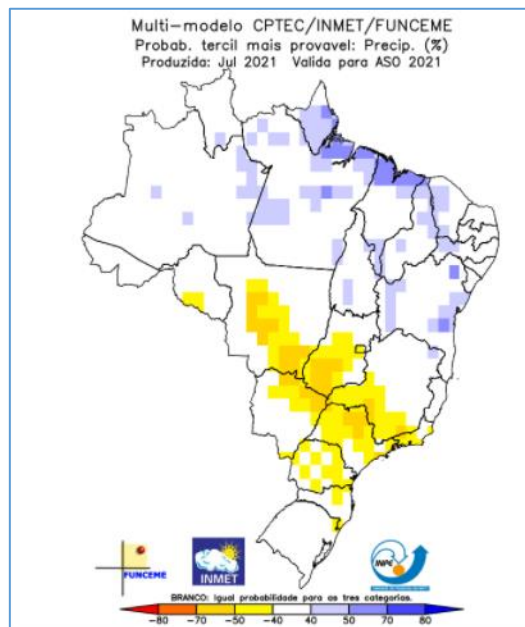
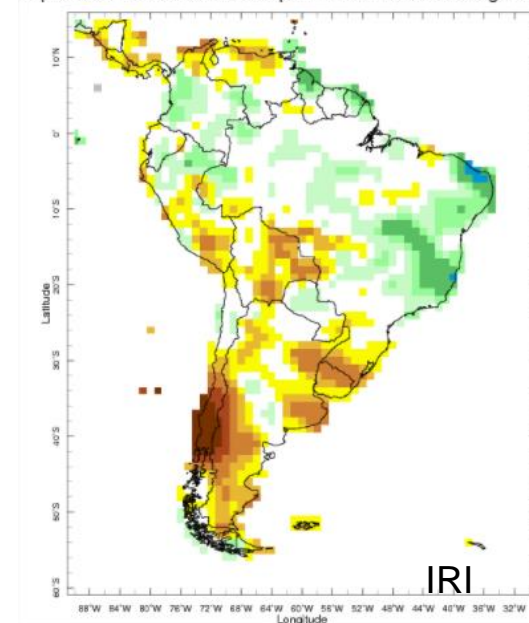




# Previsão Sazonal de chuva (SON)

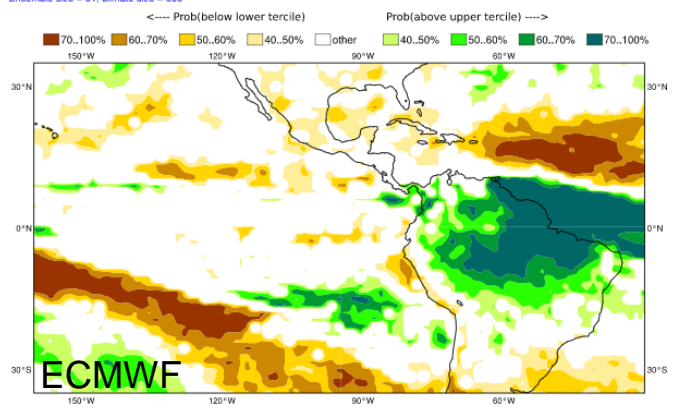


Sep-Nov 2021 IRI Seasonal Precipitation Forecast issued Aug 2021



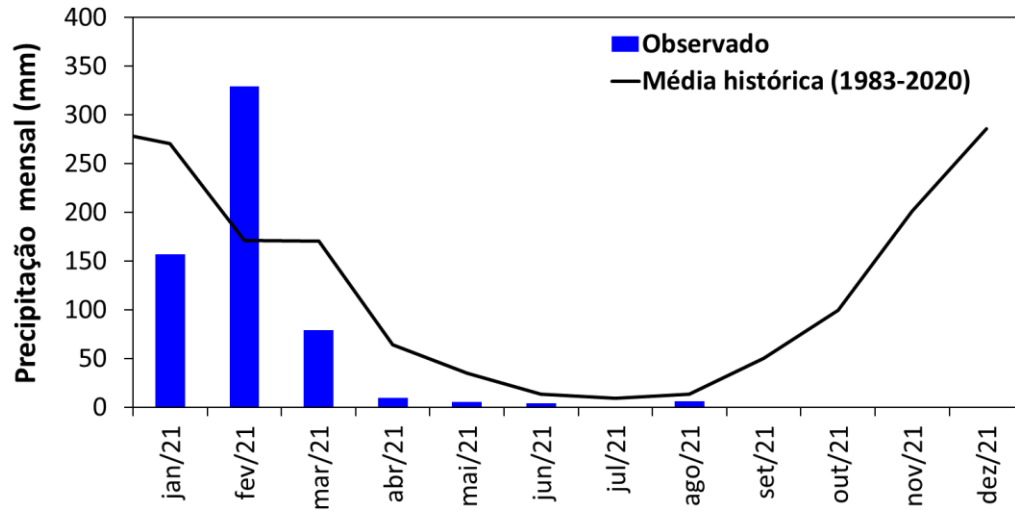
ECMWF Seasonal Forecast  
Prob(most likely category of precipitation)  
Forecast start is 01/08/21, climate period is 1993-2016  
Ensemble size = 51, climate size = 600

System  
SON 202





# Monitoramento UHE Três Marias



## Precipitação

### Estação Chuvosa - Out a Mar - 1198 mm

2019/2020: 1326 mm (111% da média histórica)

2020/2021: 1061 mm (89% da média histórica)

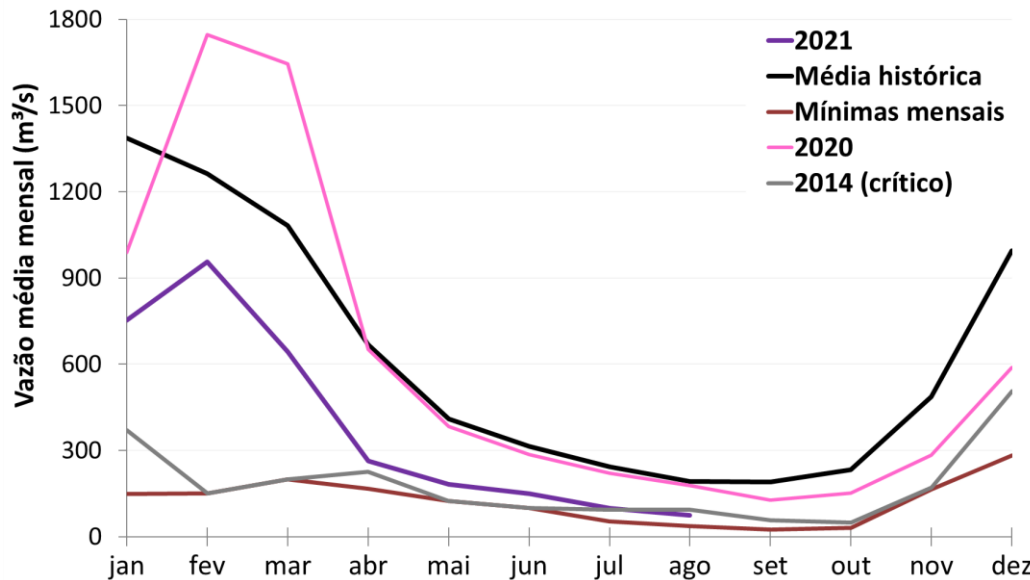
### Estação Seca - Abr a Set - 185 mm

2020: 129 mm (70% da média histórica)

2021\*: 25 mm (13% da média histórica)

Agosto/21\*: 6 mm (Média histórica = 14 mm)

\*Até 31 de Agosto de 2021



## Vazão

### Estação Chuvosa - Nov a Abr - 981 m³/s

2019/2020: 1003 m³/s (102% da MLT)

2020/2021: 581 m³/s (59% da MLT)

### Estação Seca - Maio a Out - 264 m³/s

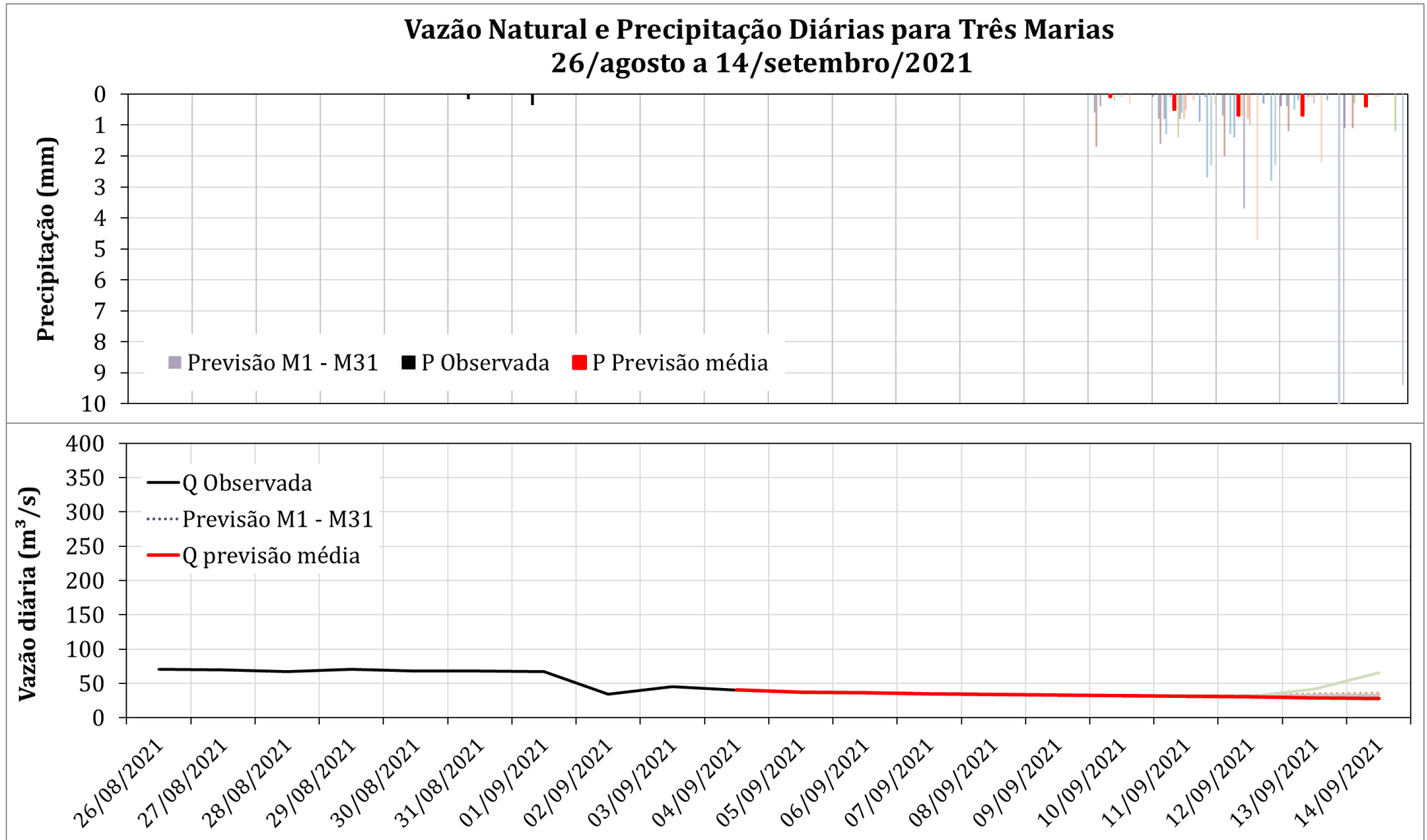
2020: 225 m³/s (85% da MLT)

2021\*\*: 127 m³/s (48% da MLT)

Agosto/21\*\*: 75 m³/s (39% da MLT)

\*\*Até 31 de Agosto de 2021

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



Dados **observados de precipitação** (barras pretas) para o período 26 a 04/09 e **previsão** para o período de 05/09 a 14/09

Dados **observados de vazão** (linha preta) para o período 26 a 04/09 e **previsão** para o período de 05/09 a 14/09

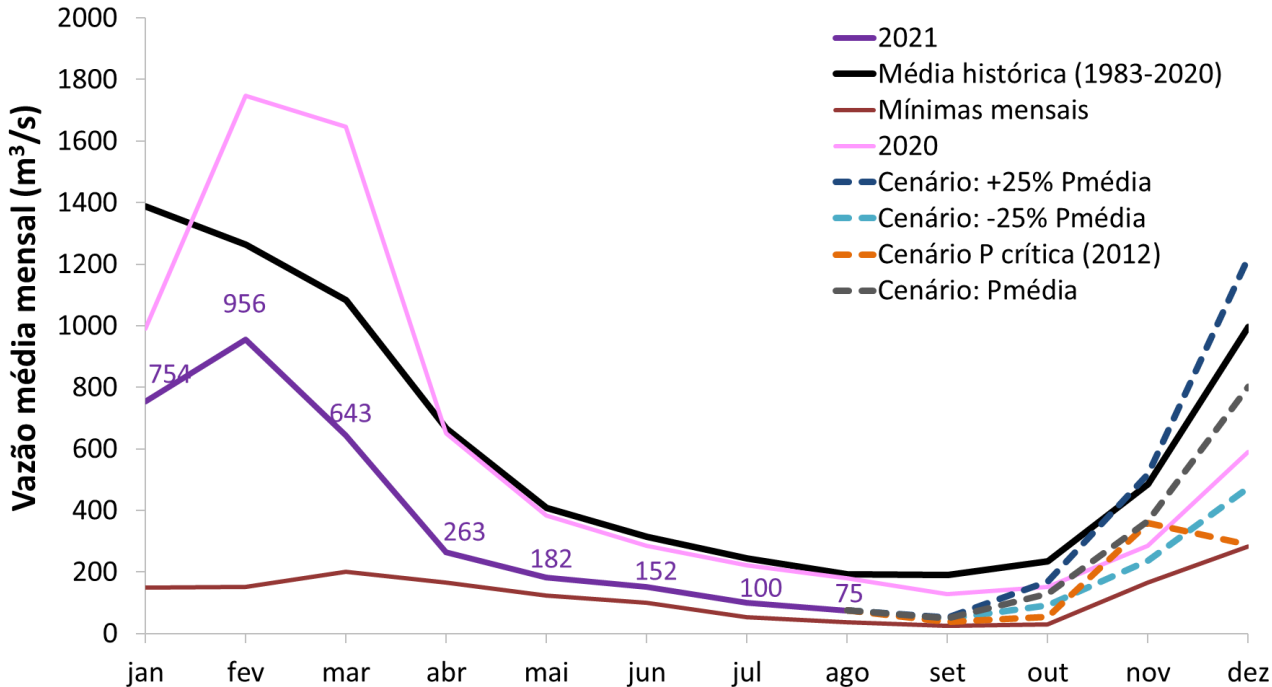
As barras coloridas correspondem às previsões da chuva para os 31 membros GEFS/NOAA e à média destes membros.

As linhas coloridas representam os membros de previsão de vazão.

**Previsão média para os próximos 10 dias: 33 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/2021



**Set-Dez**  
**MLT: 476 m³/s**

Vazão	% MLT
490 m³/s	103%
337 m³/s	71%
212 m³/s	45%
184 m³/s	39%

MLT-Media de Longo Termo (1983-2020)