



# CEMADEN

Centro Nacional de Monitoramento e  
Alertas de Desastres Naturais

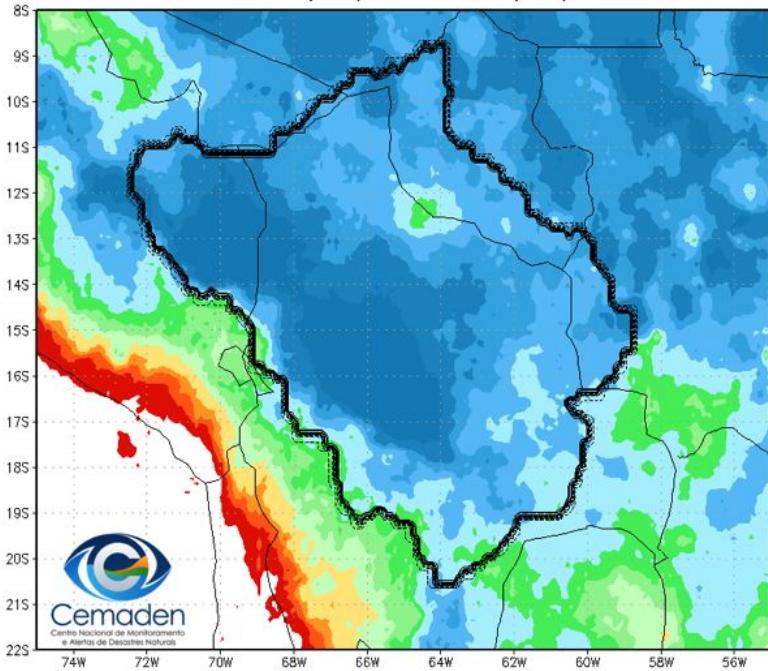
Monitoramento e Previsões  
de Chuva para a  
Bacia do Rio Madeira

14 de Abril de 2025



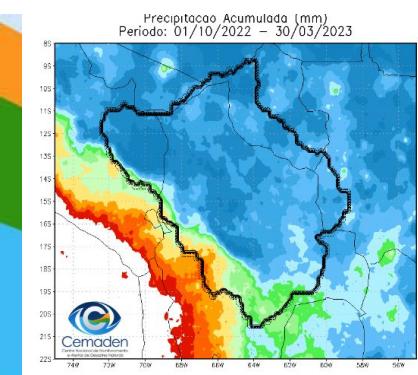
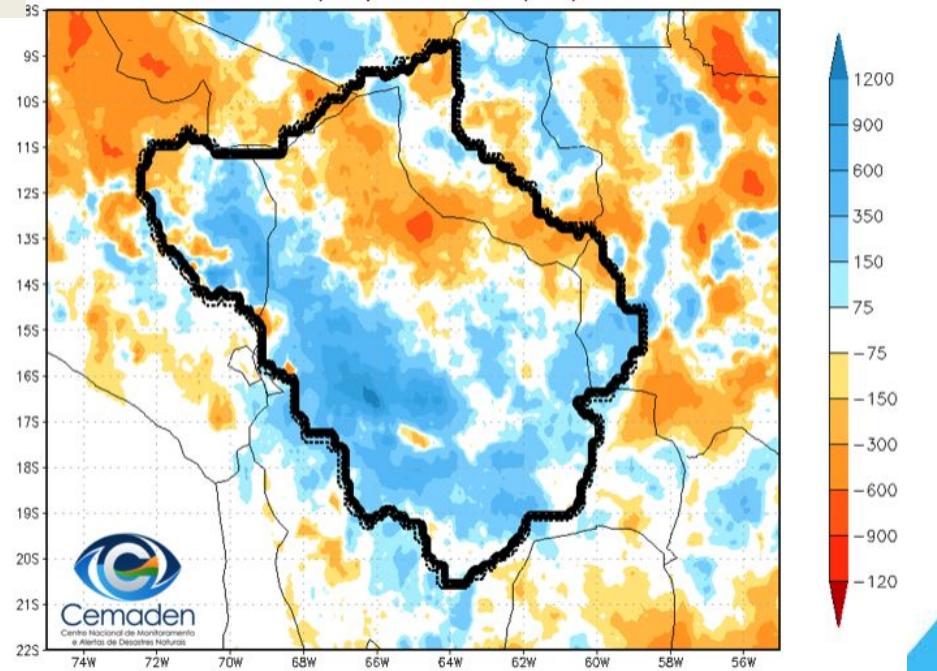
# Precipitação Acumulada no Ano Hidrológico

Precipitação Acumulada (mm)  
Período: 01/10/2024 – 11/04/2025

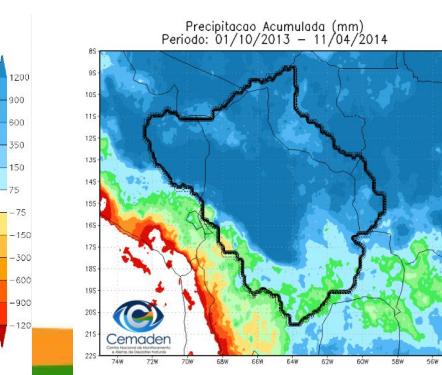
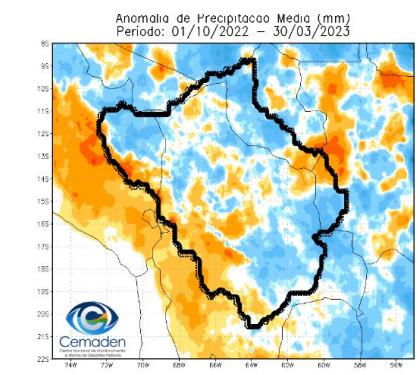


2024/25

Anomalia de Precipitação Média (mm)  
Período: 01/10/2024 – 11/04/2025



2022/23

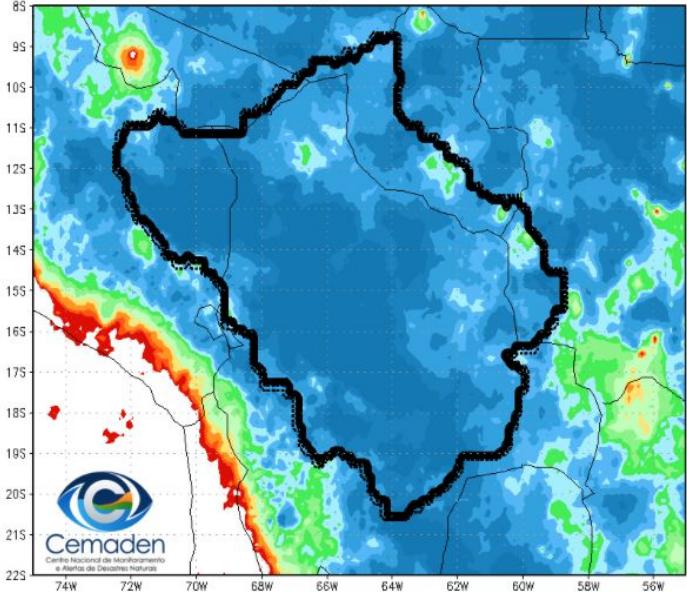


2013/14

Centro Nacional de Monitoramento  
e Alertas de Desastres Naturais  
Fonte dos dados: CPTEC/INPE

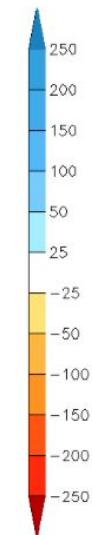
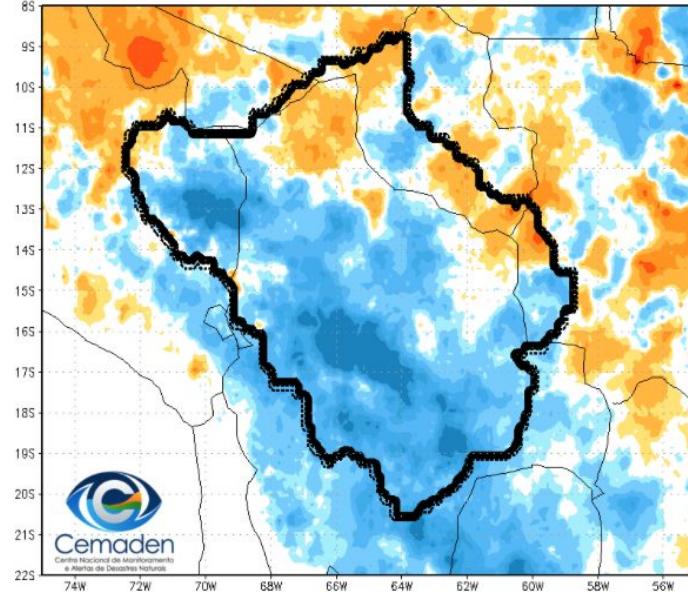
# Precipitação Acumulada no mês de Março

Precipitação Acumulada (mm)  
Período: 01/03/2025 – 31/03/2025

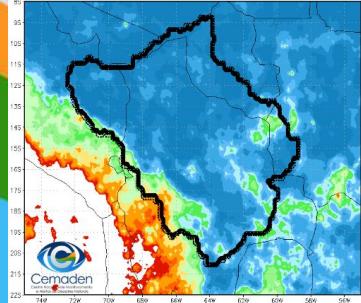


2025

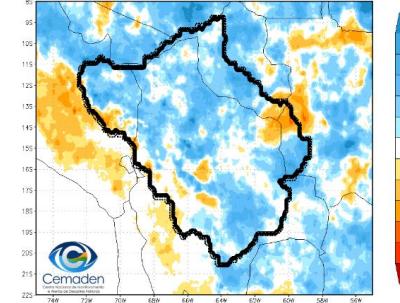
Anomalia de Precipitação Média (mm)  
Período: 01/03/2025 – 31/03/2025



Precipitação Acumulada (mm)  
Período: 01/03/2023 – 30/03/2023

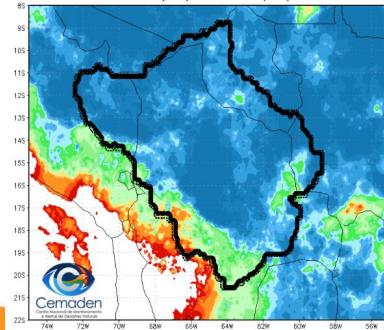


Anomalia de Precipitação Média (mm)  
Período: 01/03/2023 – 30/03/2023

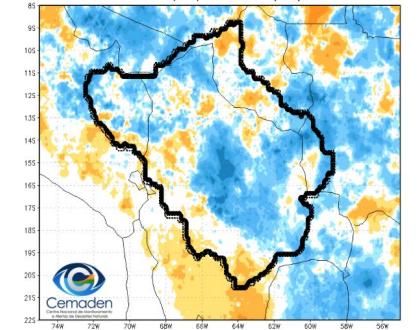


2023

Precipitação Acumulada (mm)  
Período: 01/03/2014 – 31/03/2014



Anomalia de Precipitação Média (mm)  
Período: 01/03/2014 – 31/03/2014



2014

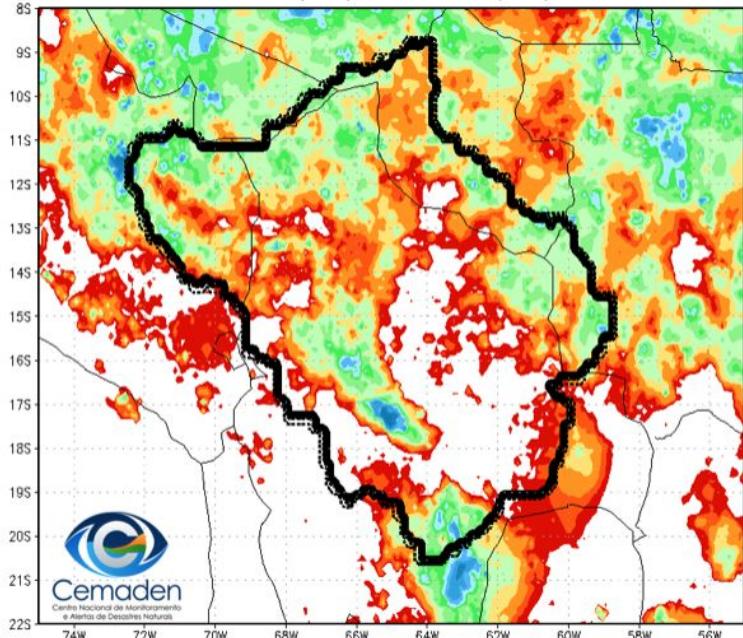
Centro Nacional de Monitoramento  
e Alertas de Desastres Naturais

Fonte dos dados: CPTEC/INPE

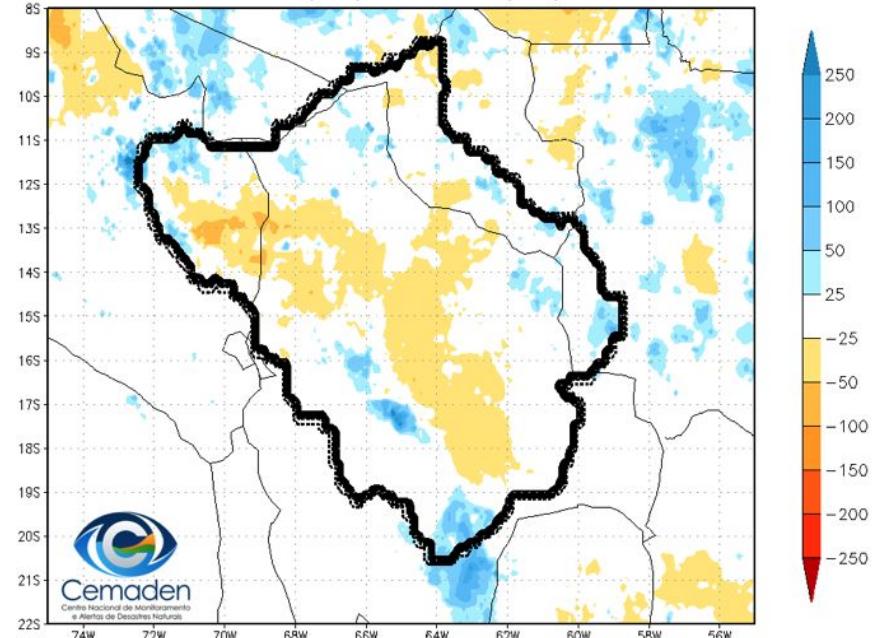
## Precipitação Acumulada no mês de Abril

2025

Precipitação Acumulada (mm)  
Período: 01/04/2014 – 11/04/2014



Anomalia de Precipitação Média (mm)  
Período: 01/04/2014 – 11/04/2014

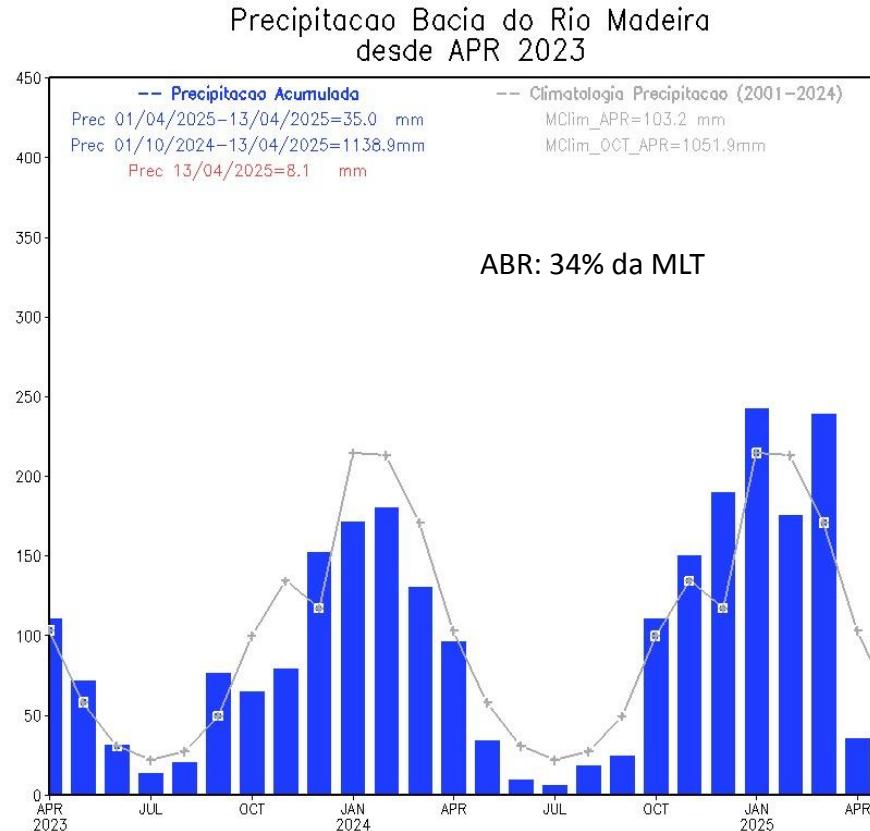


Cemaden

Centro Nacional de Monitoramento  
e Alertas de Desastres Naturais

Fonte dos dados: CPTEC/INPE

## Evolução da precipitação

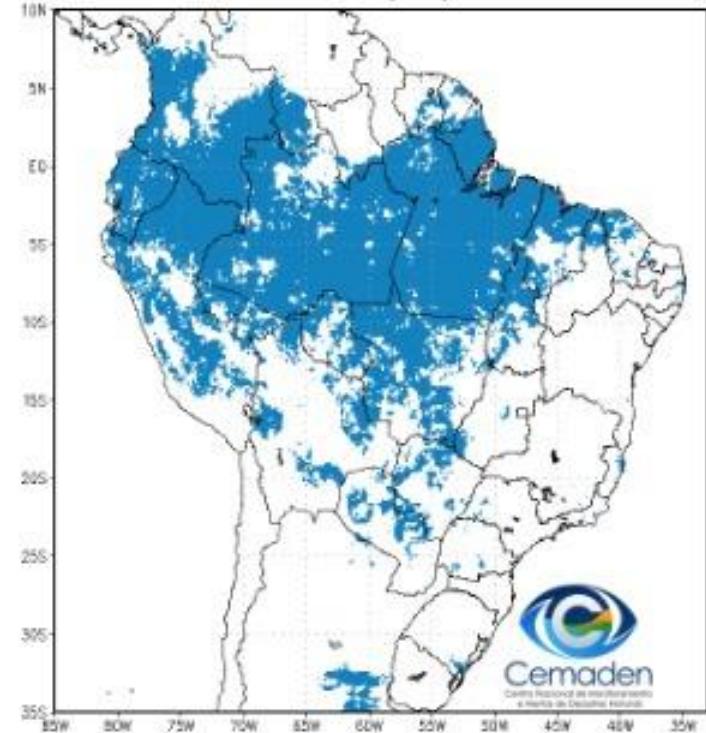


## Situação da Estação Chuvosa

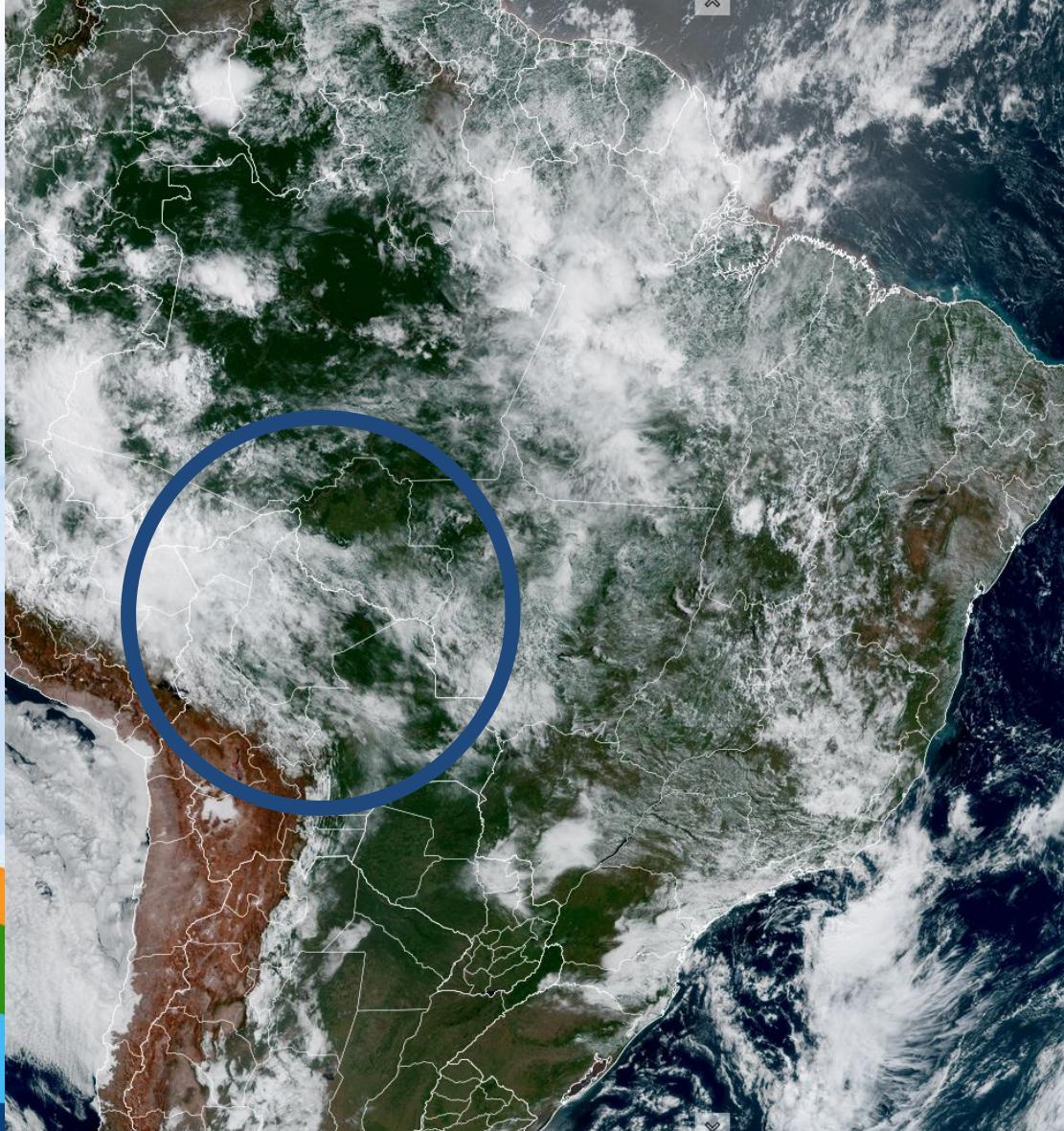
Climatologia da Precipitação (2001–2024)  
Inferior 2 mm/dia por 4 de 5 dias Período: 13/04



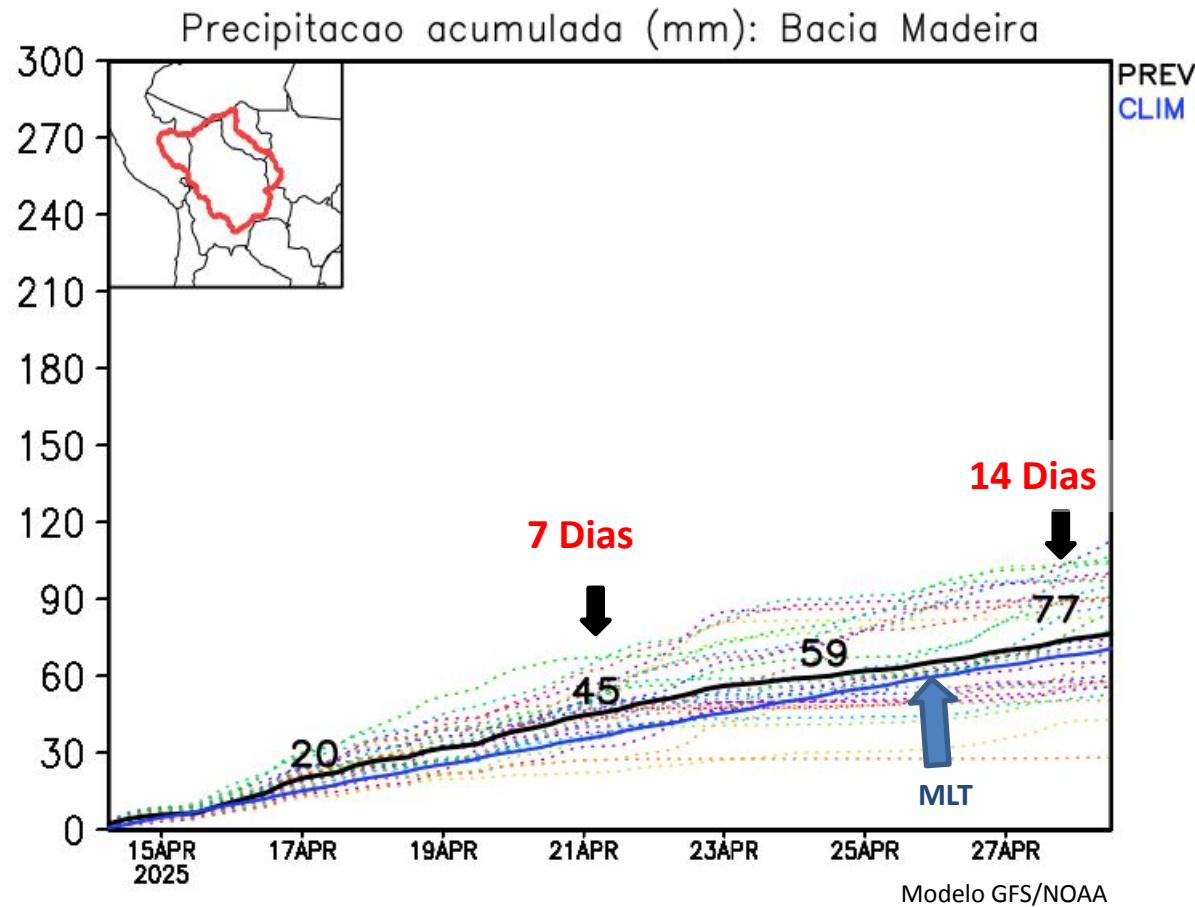
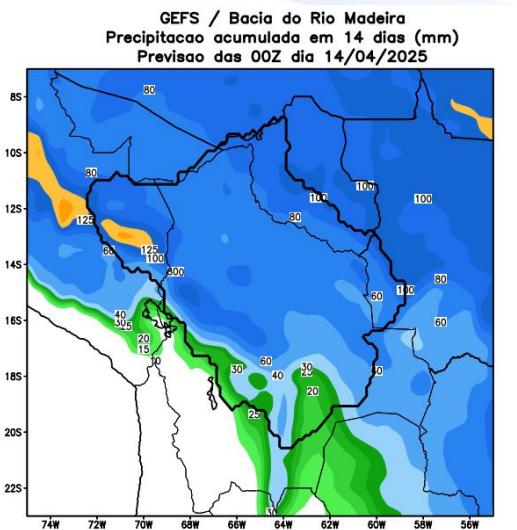
Precipitação Inferior 2 mm/dia por 4 de 5 dias  
Período: 13/04/2025



# Situação meteorológica atual



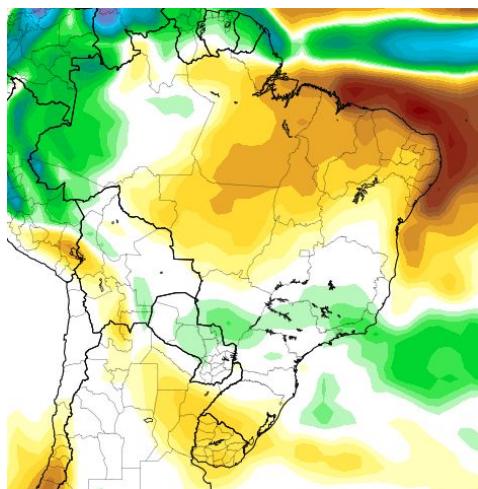
# Previsão de chuva para o Rio Madeira 2 semanas



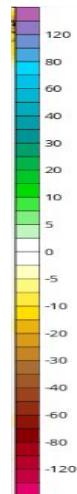
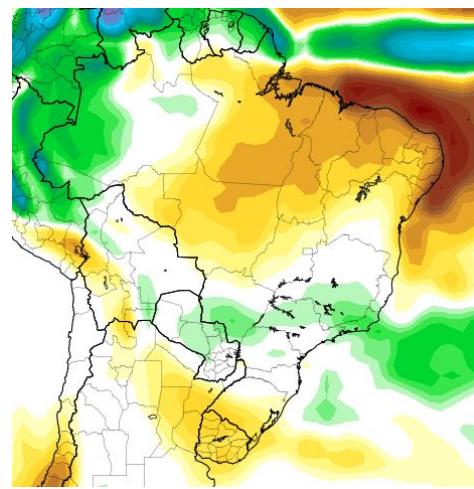
## Anomalia de Chuva 3a e 4a semanas

CFS/NOAA  
americano

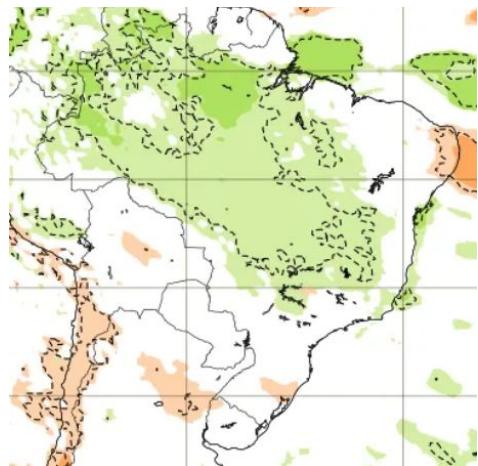
28 – 04 Maio



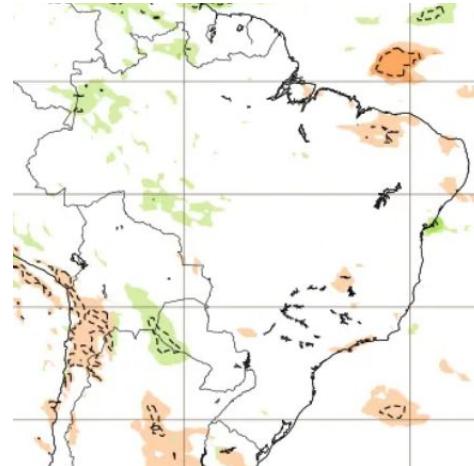
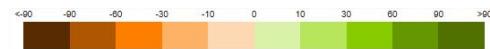
05-11 Maio



ECMWF  
europeu



28 – 04 Maio

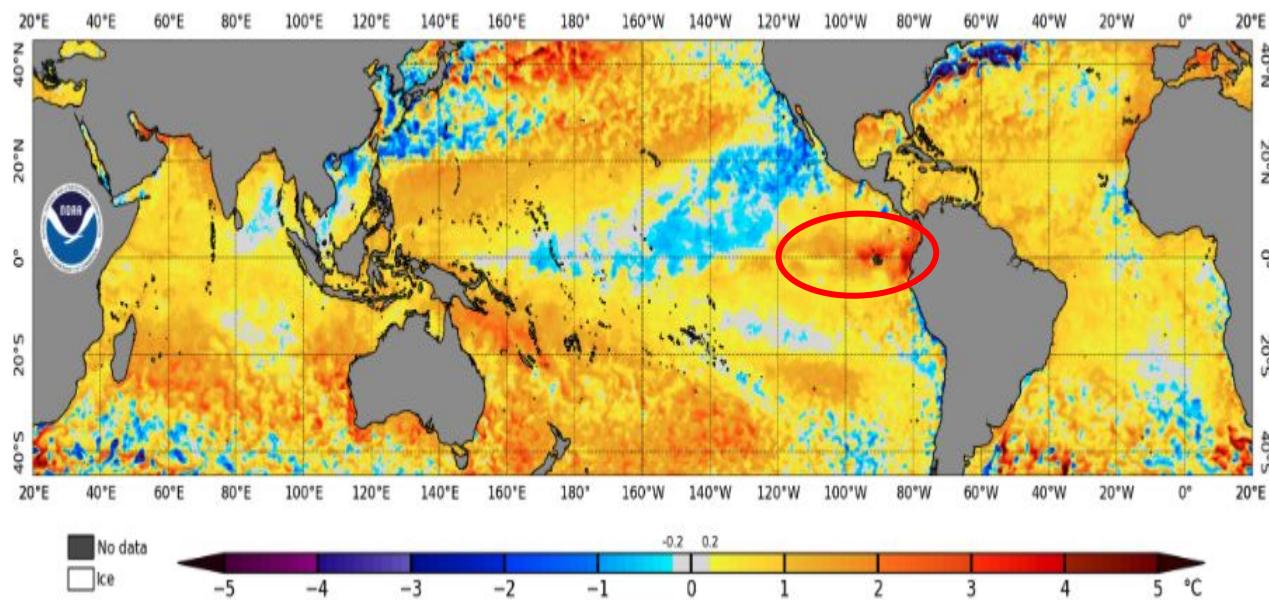
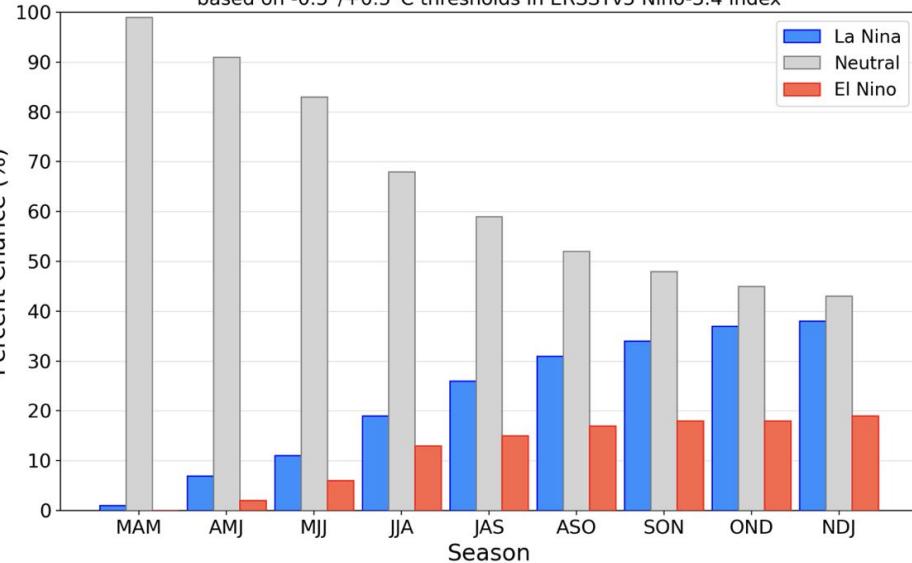


05-11 Maio

# El Niño / La Niña: NEUTRALIDADE

Official NOAA CPC ENSO Probabilities (issued April 2025)

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



# Previsão Sazonal de Chuva Multi-Modelo

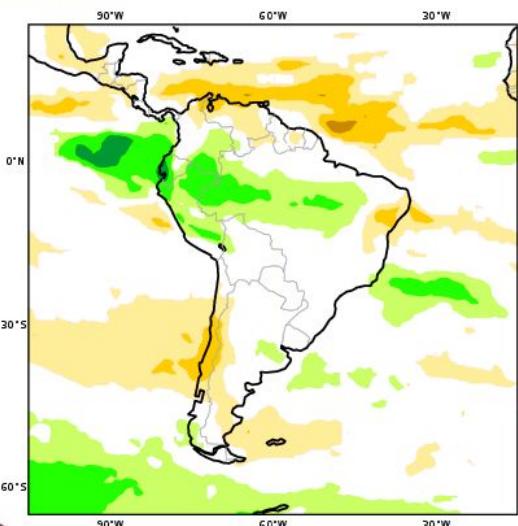
Maio-Junho-Julho

C3S multi-system seasonal forecast

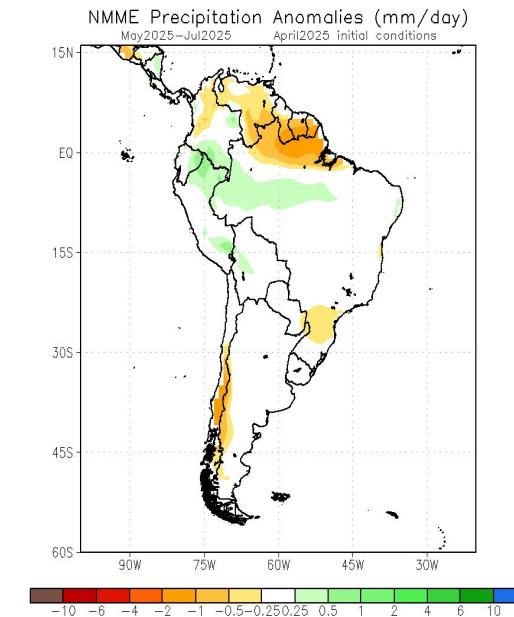
Prob(most likely category of precipitation)

Nominal forecast start: 01/04/25

Unweighted mean



Modelos Europeus



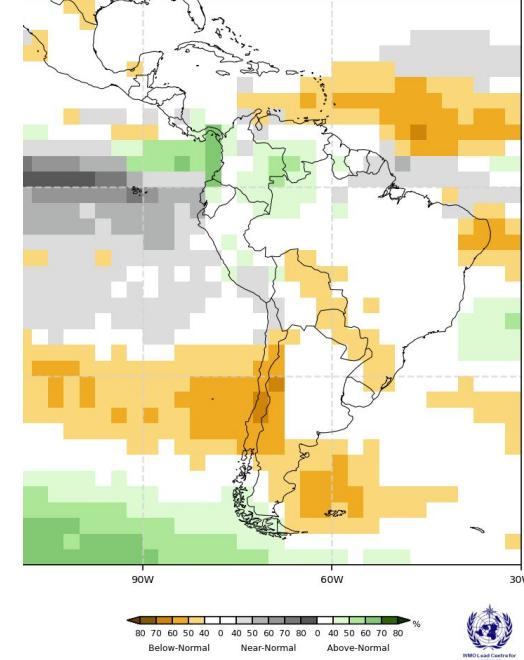
Modelos Norte Americanos

Probabilistic Multi-Model Ensemble Forecast

CMCC,CPTEC,ECMWF,Exeter,Melbourne,Montreal,Offenbach,Seoul,Tokyo,Toulouse,Washington

recipitation : MJJ2025

(issued on Mar2025)

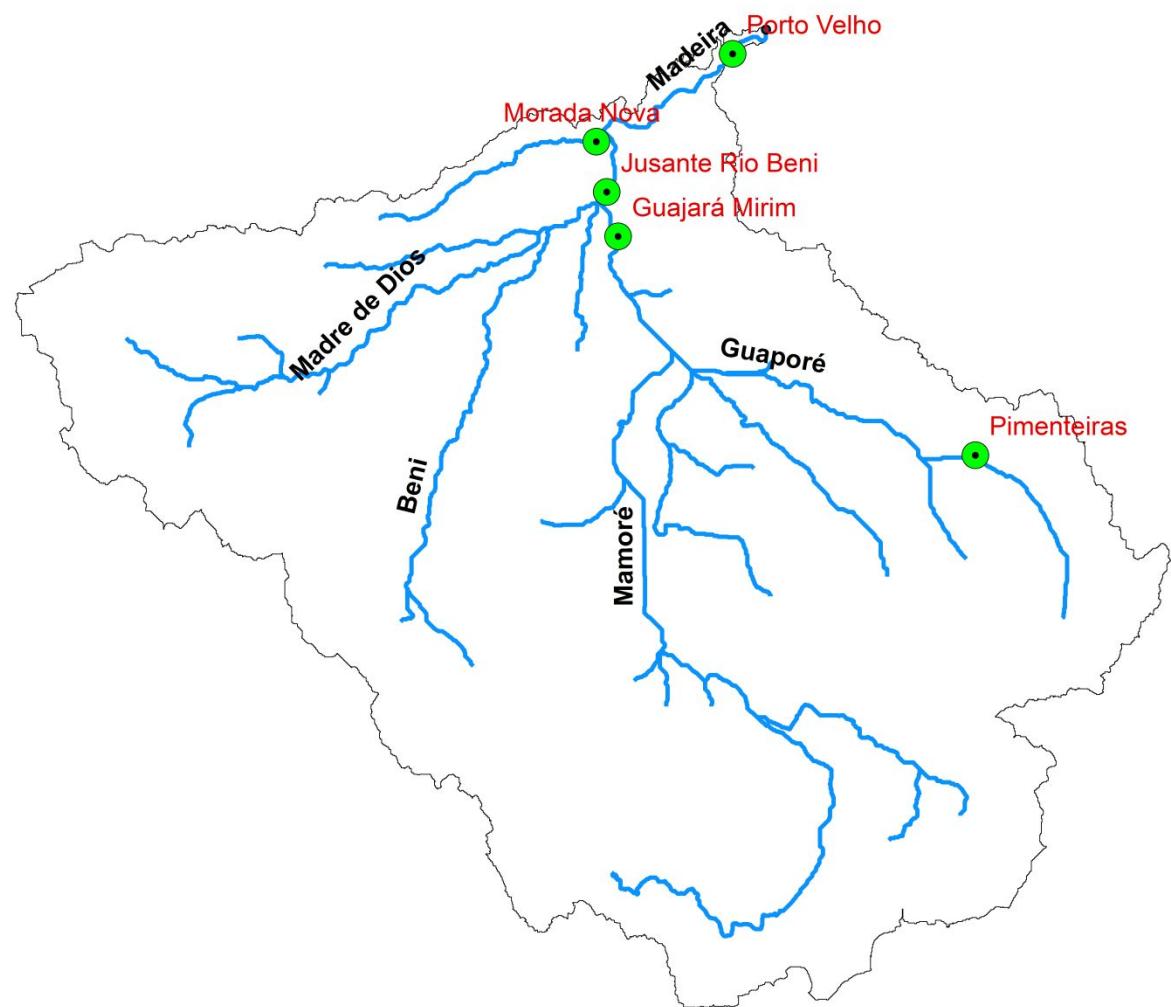


Modelos da WMO

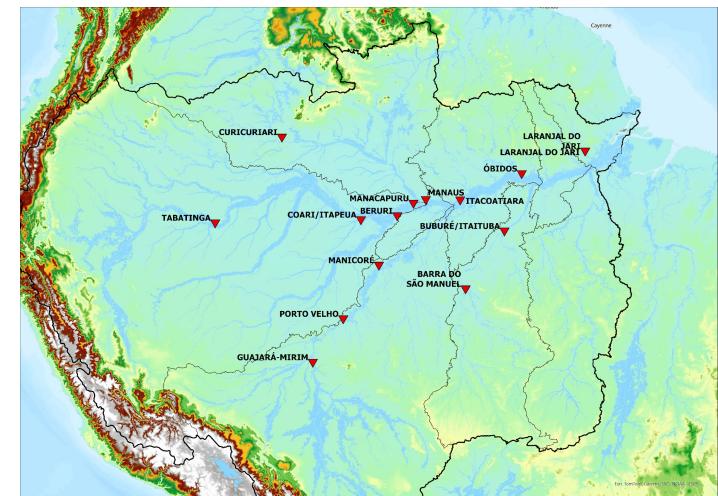
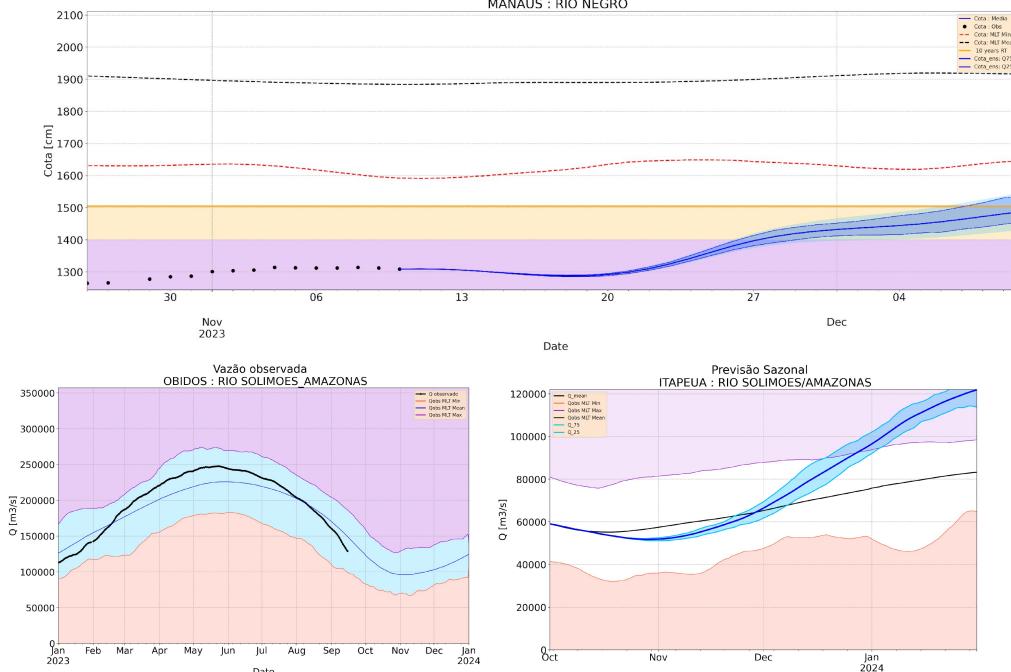
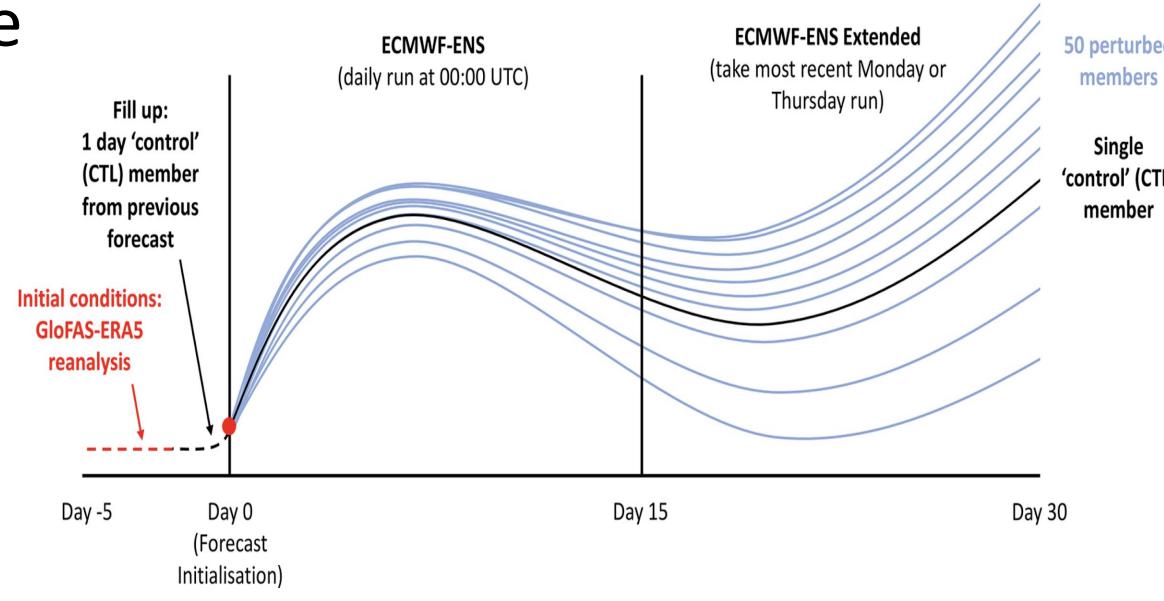


# *Previsão Hidrológica: Bacia do Rio Madeira*

Previsão de vazão realizada por meio do Modelo Hidrológico Distribuído – Lisflood/GLOFAS (Chuva-Vazão), usando como entradas as previsões de precipitação fornecidas pelo modelo por conjunto ECMWF (Centro Europeu)



# Previsão de vazão GloFAS 30-dias



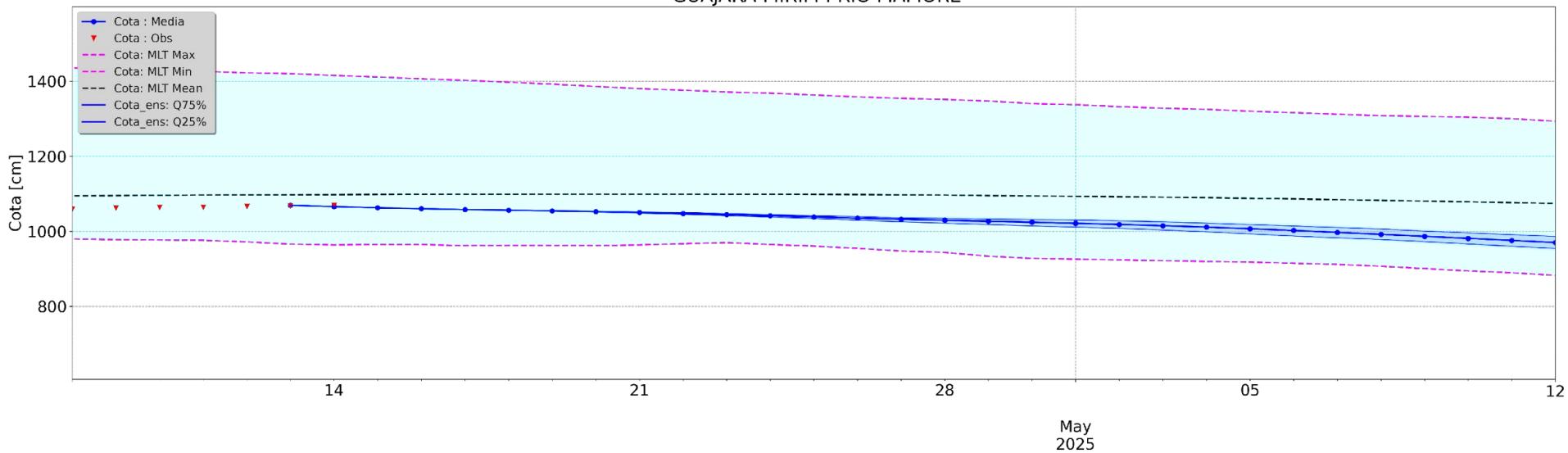
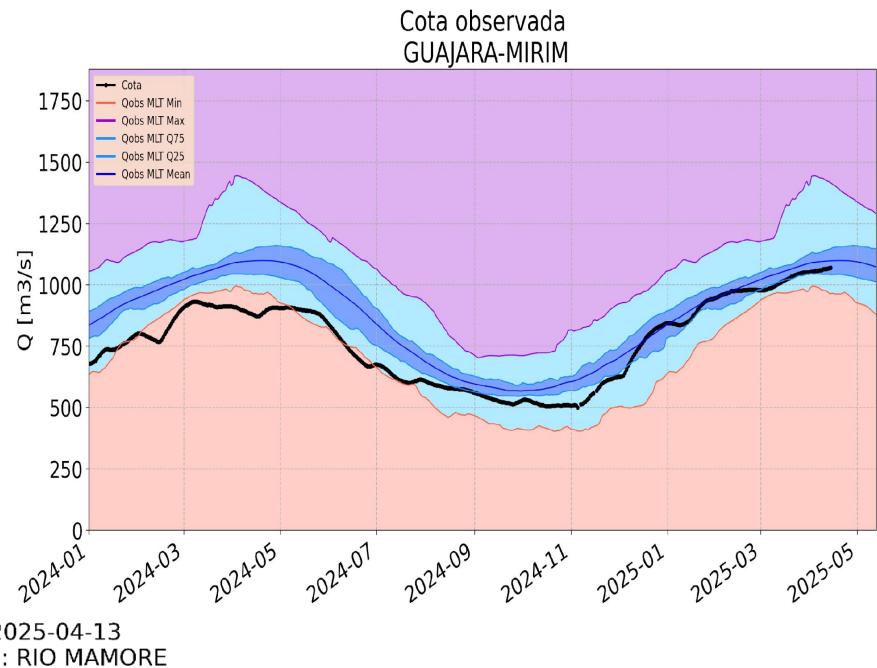
Gráficos e análises: CEMADEN  
Previsões: GloFAS



copernicus  
Europe's eyes on Earth



## Dados observados: ANA

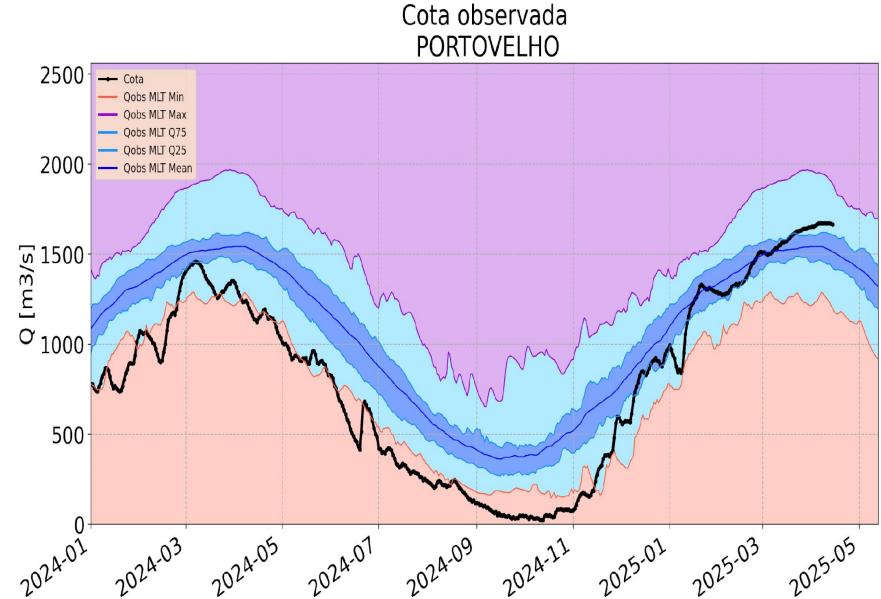




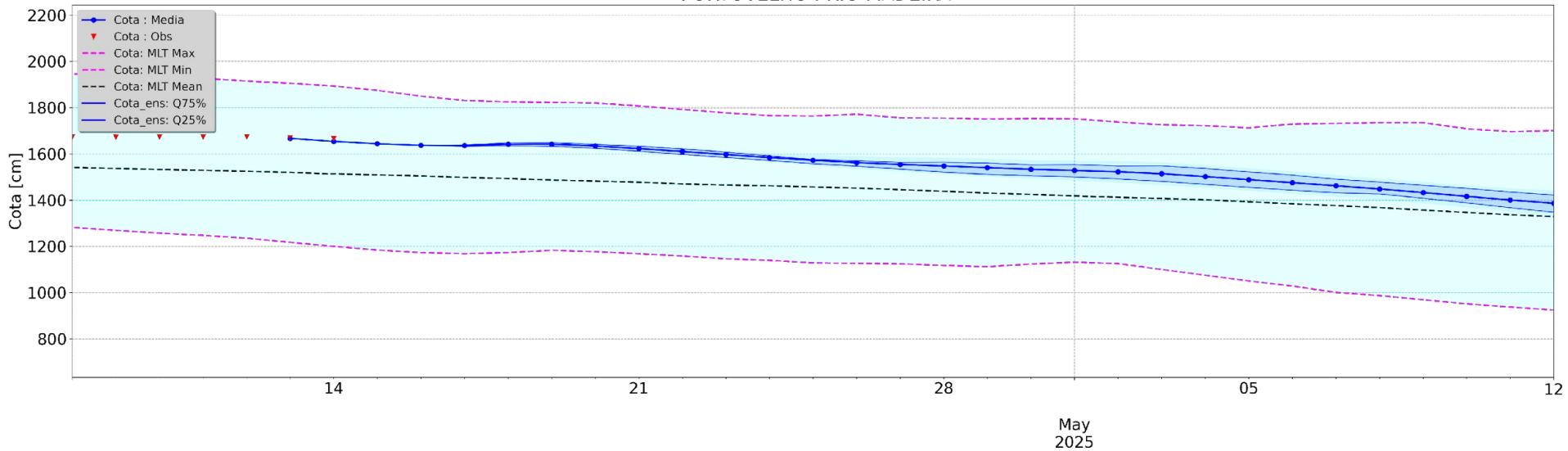
Copernicus  
Europe's eyes on Earth



## Dados observados: ANA



Model Run - 2025-04-13  
PORTOVELHO : RIO MADEIRA



Previsão  
Sazonal  
AMJJ

