

Diagnóstico e Previsões Meteorológicas e Hidrológicas para a Bacia do Rio Madeira

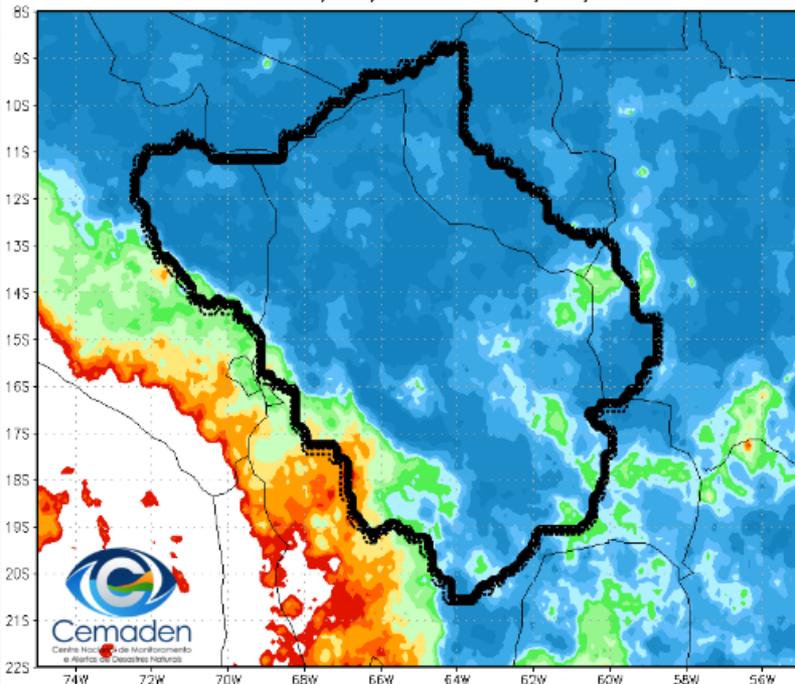


Cemaden
Centro Nacional de Monitoramento
e Alertas de Desastres Naturais

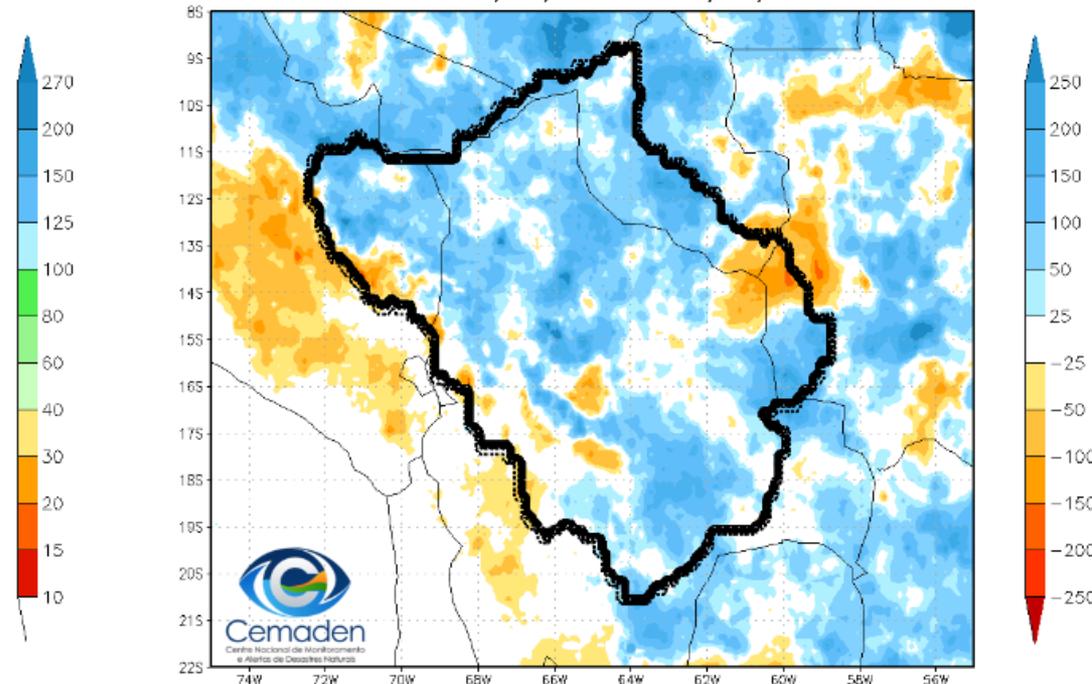
31 de Março de 2023

Precipitação Acumulada no mês de Março

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

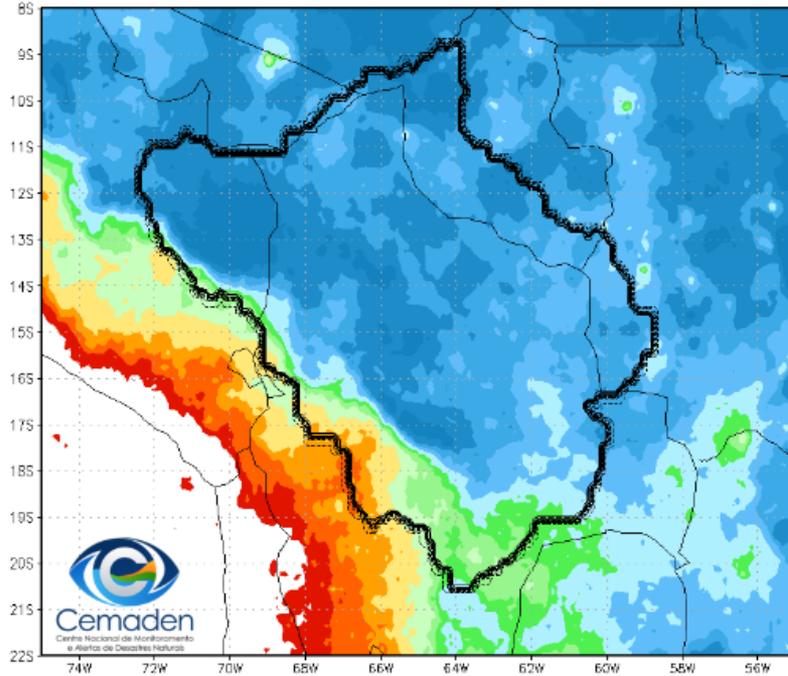


Anomalia de Precipitação Média (mm)
Período: 01/03/2023 – 30/03/2023

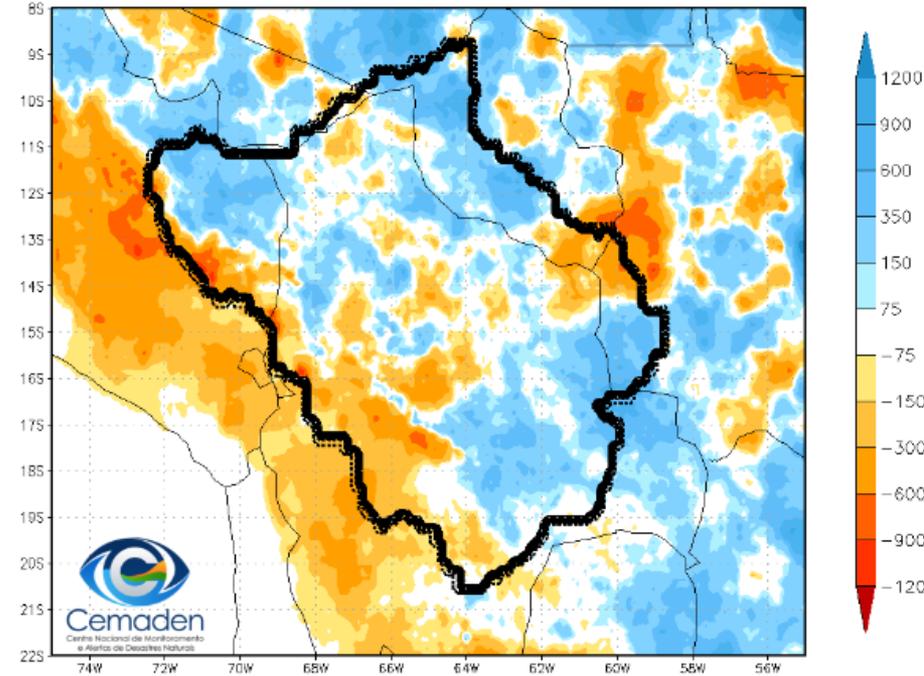


Precipitação Acumulada no Ano Hidrológico

Precipitação Acumulada (mm)
Período: 01/10/2022 – 30/03/2023

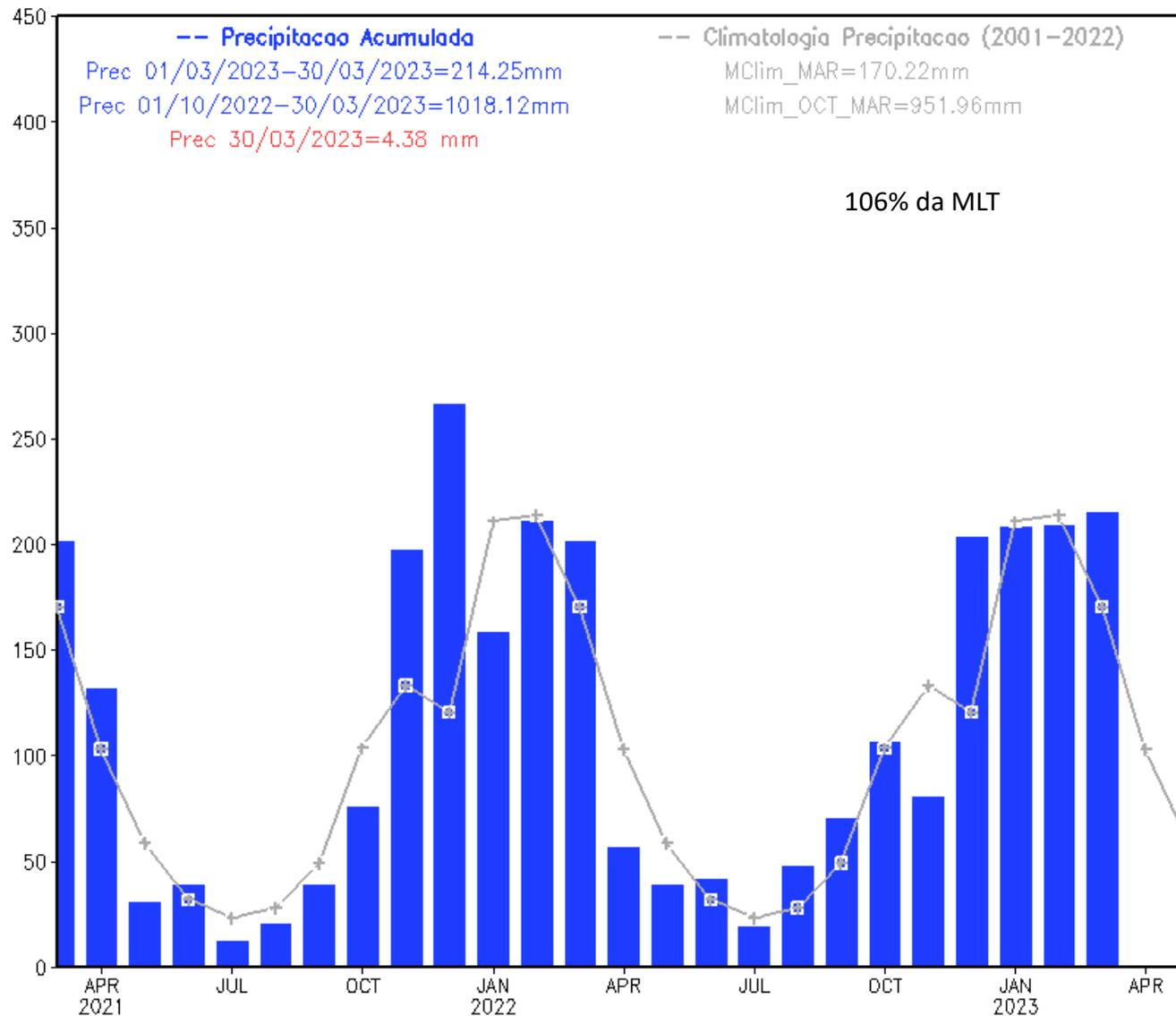


Anomalia de Precipitação Média (mm)
Período: 01/10/2022 – 30/03/2023



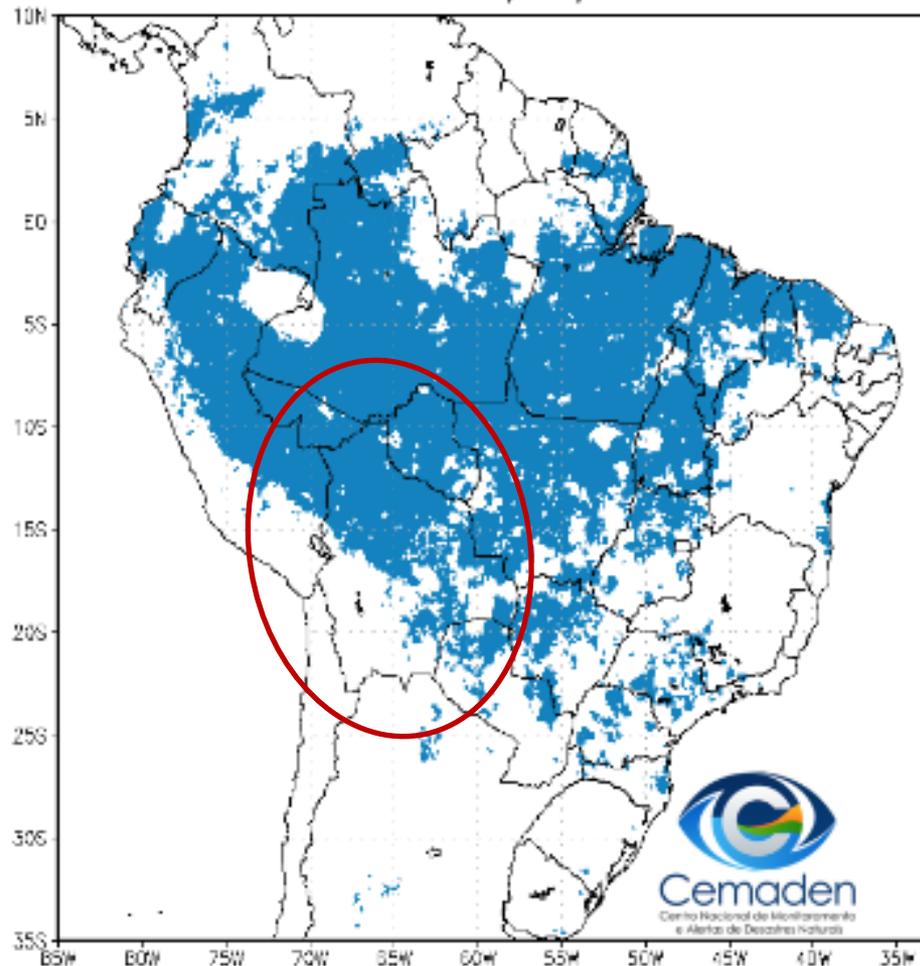
Evolução da precipitação

Precipitação Bacia do Rio Madeira desde MAR 2021

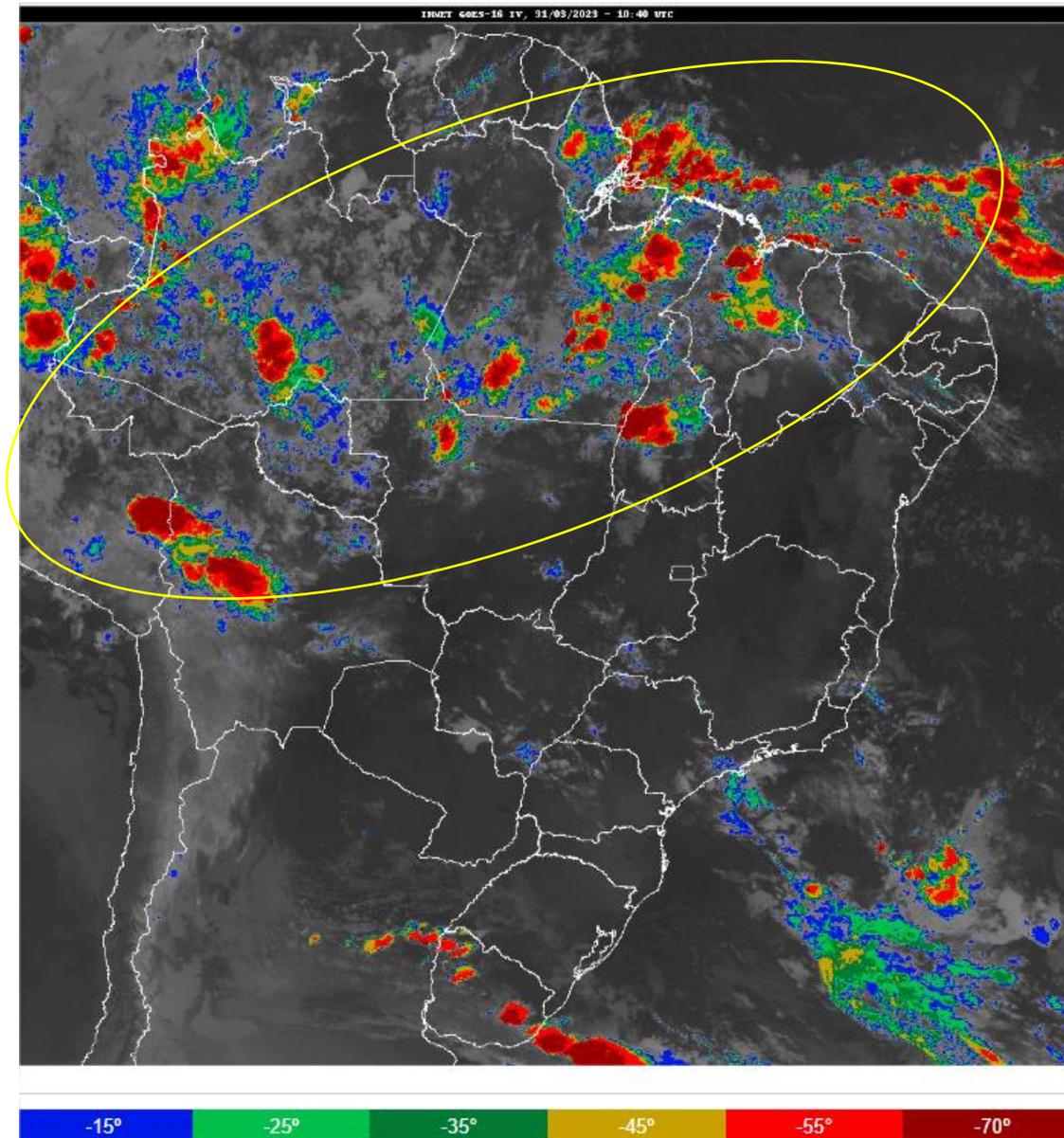


Situação da Estação Chuvosa

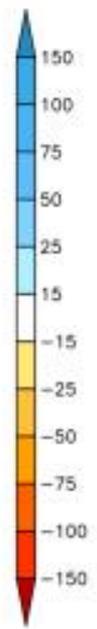
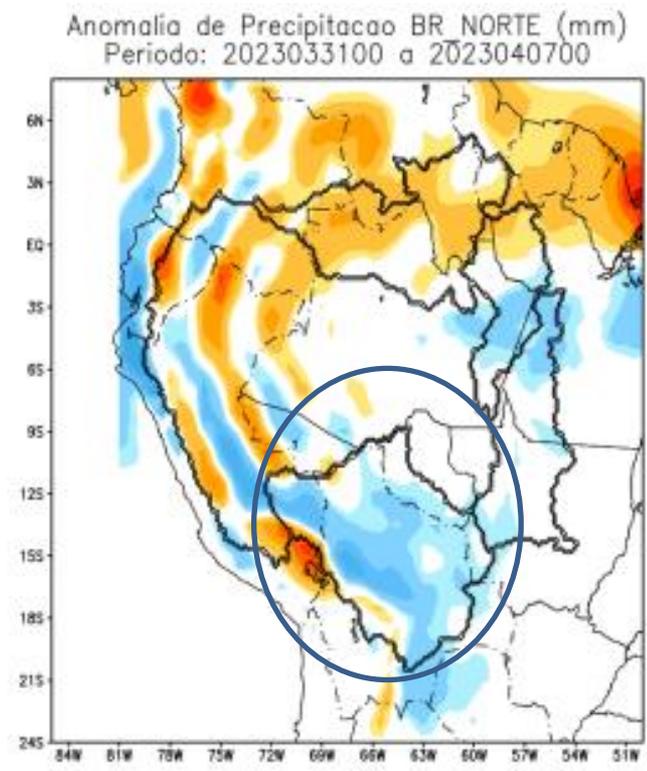
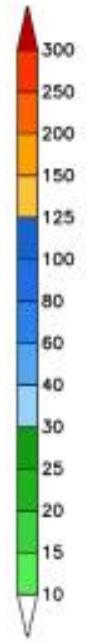
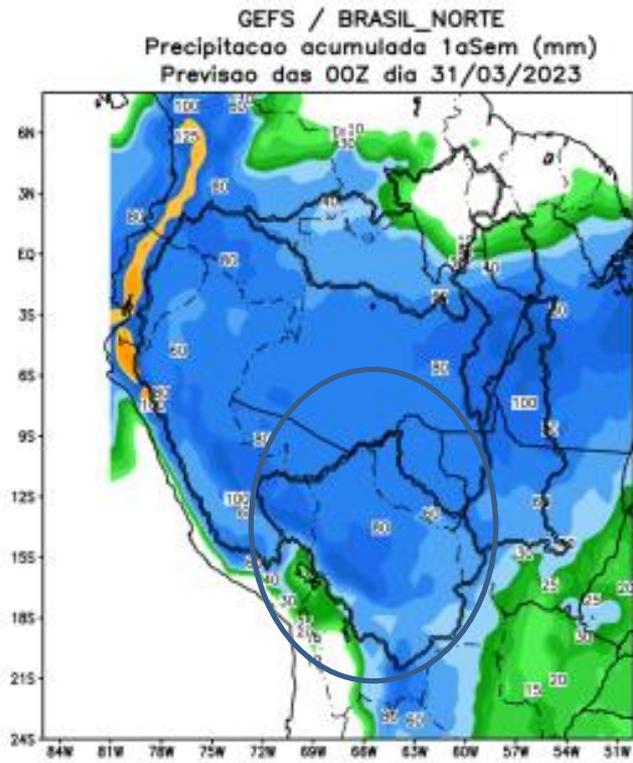
Precipitacao Inferior 2 mm/dia por 4 de 5 dias
Período: 30/03/2023



Situação meteorológica atual

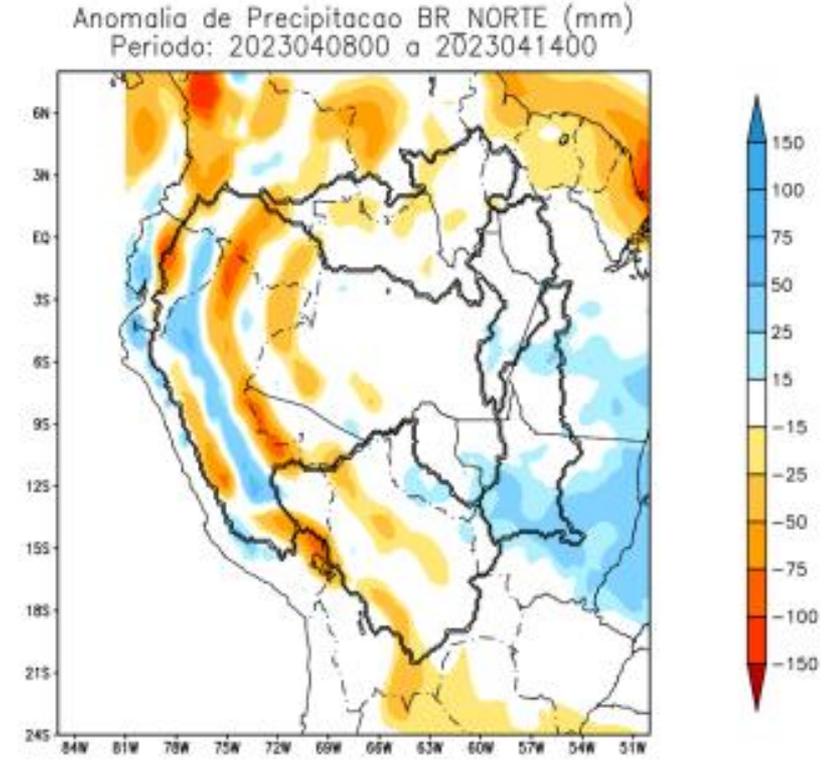
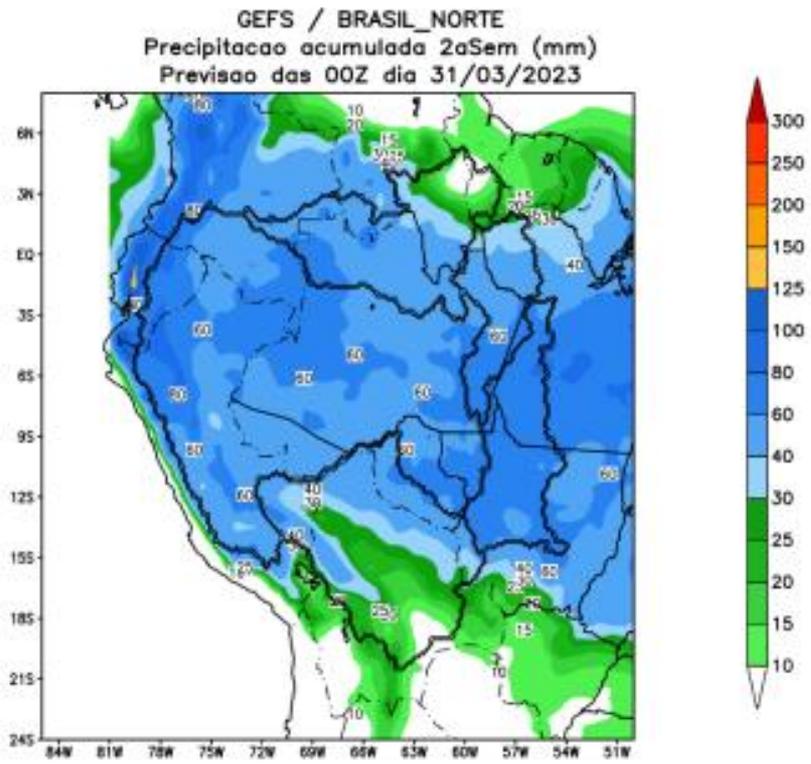


Previsão de chuva para os próximos 7 dias



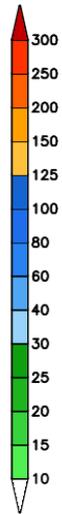
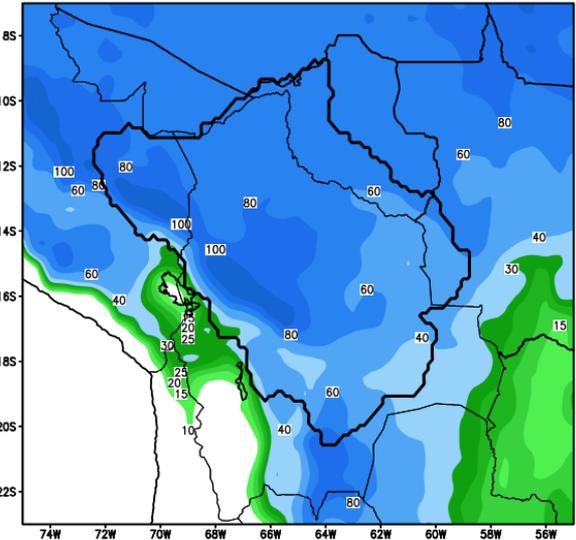
Modelo GFS/NOAA

Tendência para a Segunda Semana

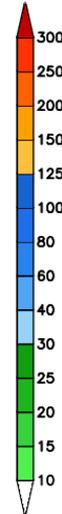
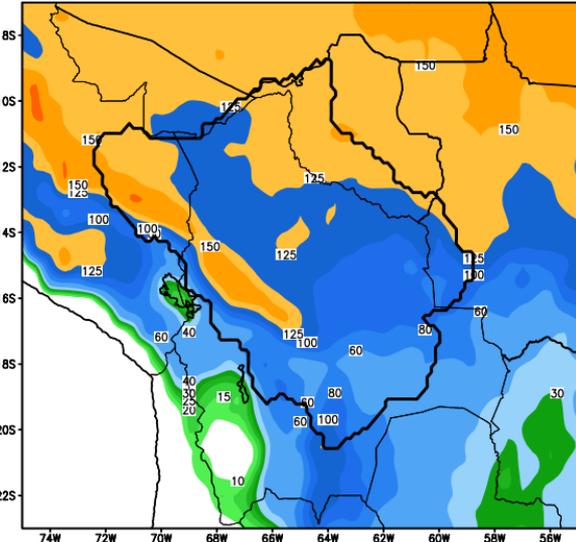


Previsão de chuva para o Rio Madeira

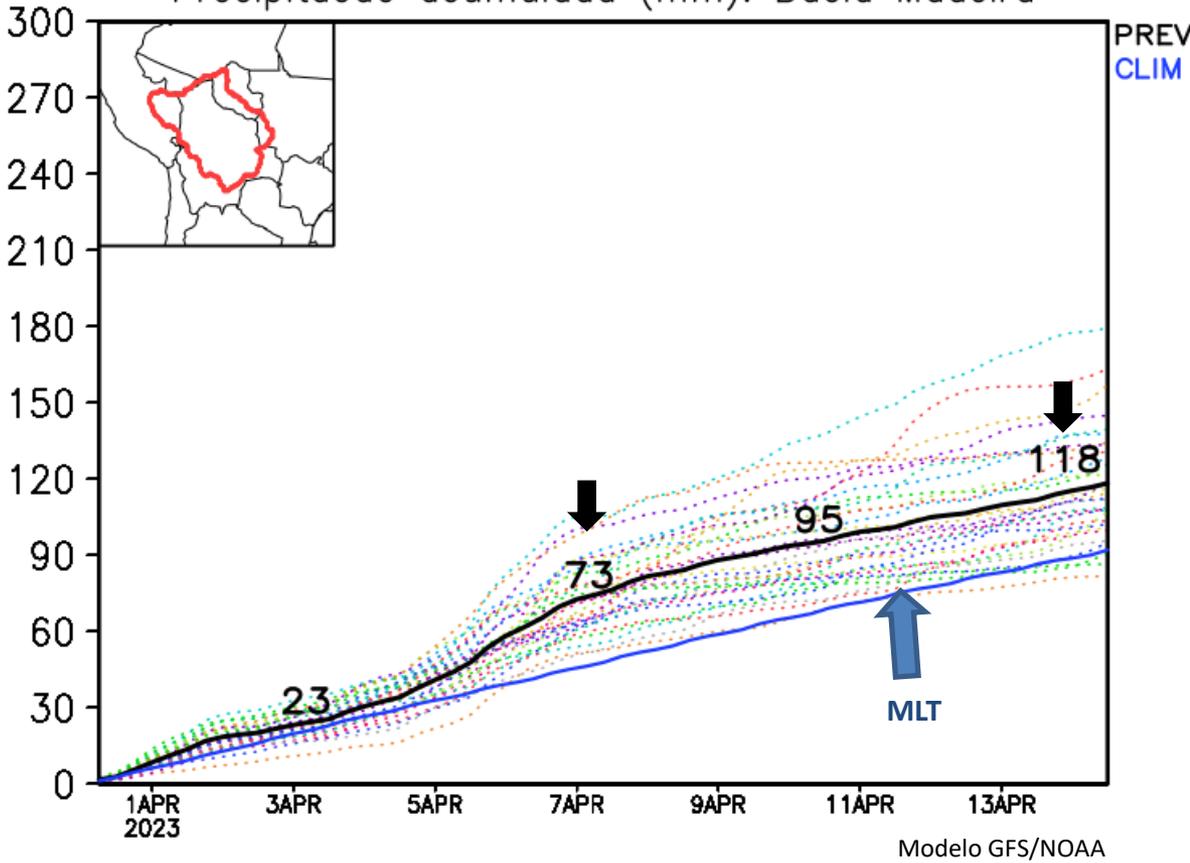
GEFS / Bacia do Rio Madeira
Precipitação acumulada em 7 dias (mm) **7 Dias**
Previsão das 00Z dia 31/03/2023



GEFS / Bacia do Rio Madeira
Precipitação acumulada em 14 dias (mm) **14 Dias**
Previsão das 00Z dia 31/03/2023



Precipitação acumulada (mm): Bacia Madeira



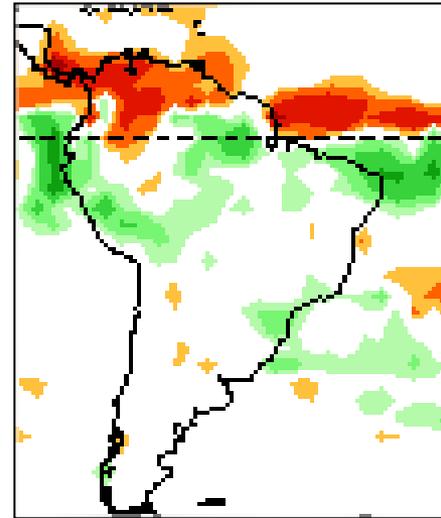
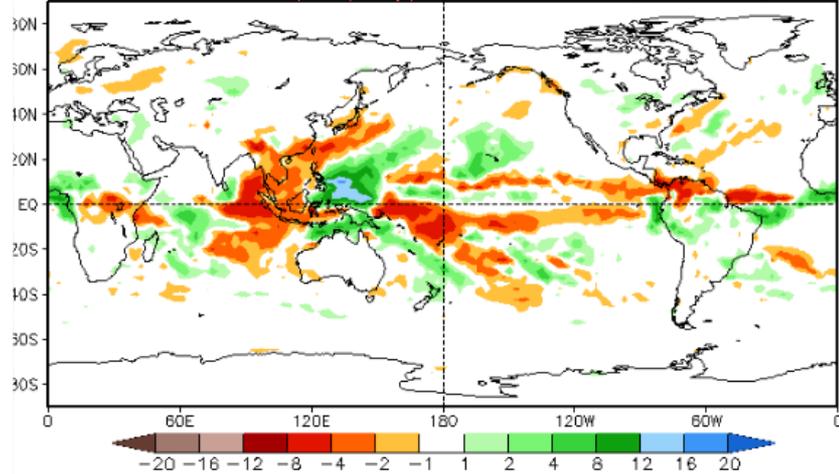
Modelo GFS/NOAA

Tendência 3a e 4a semanas

16 Member Ensemble Mean Forecast from 30Mar2023

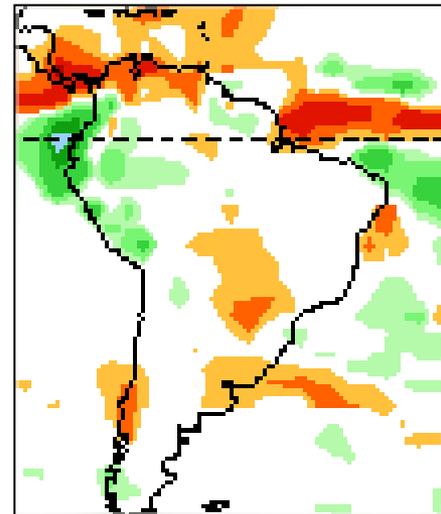
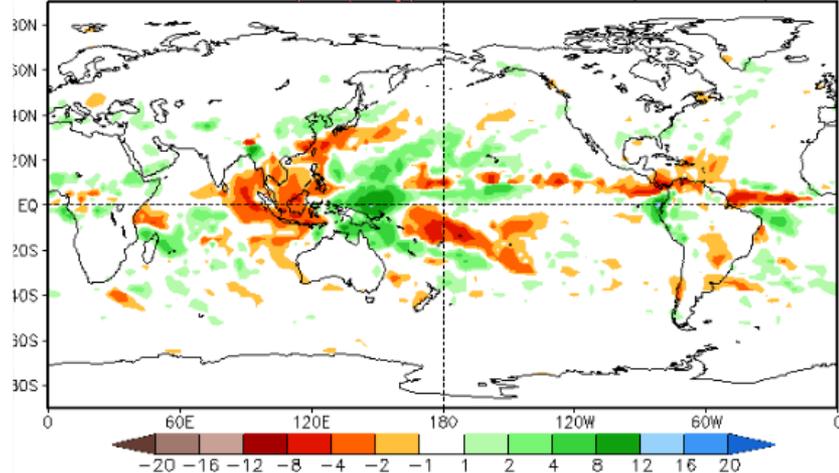
Week 3 Anomalies (mm/day)

14Apr2023–20Apr2023



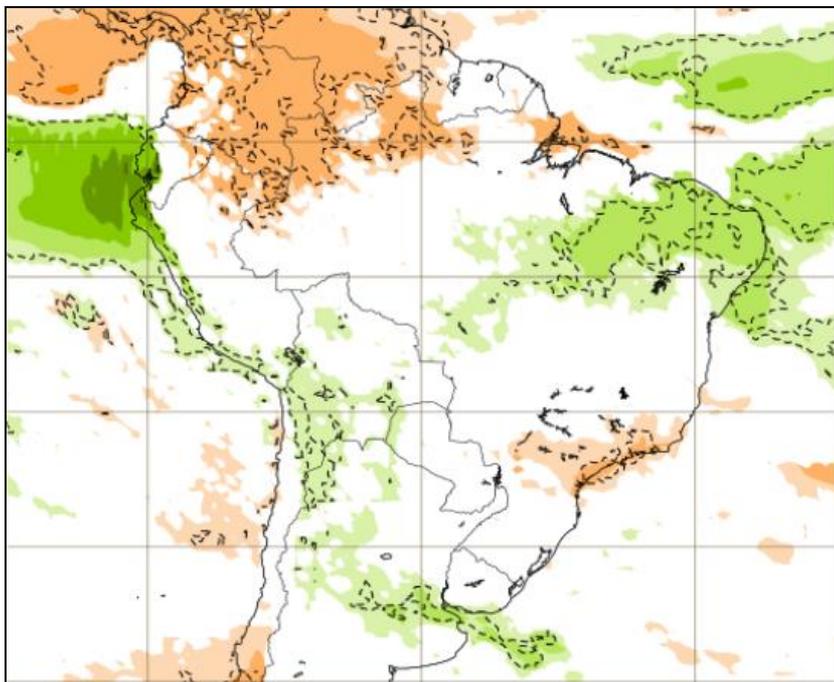
Week 4 Anomalies (mm/day)

21Apr2023–27Apr2023

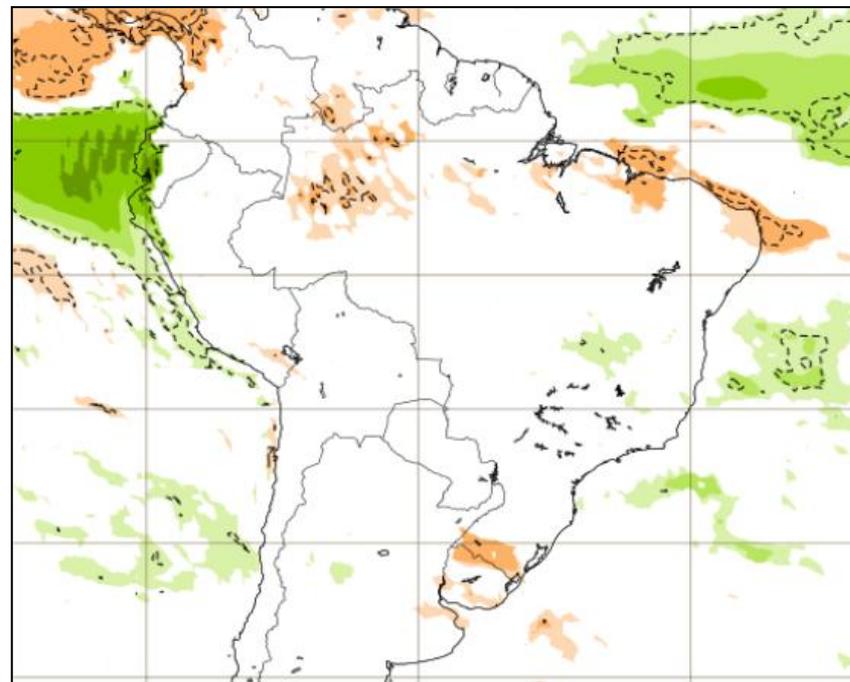


Tendência para 3ª e 4ª semanas

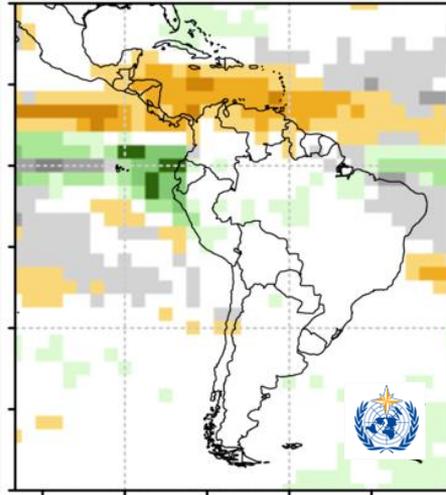
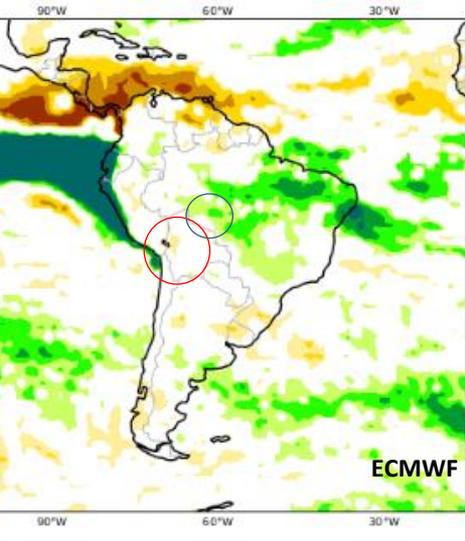
10-17/04



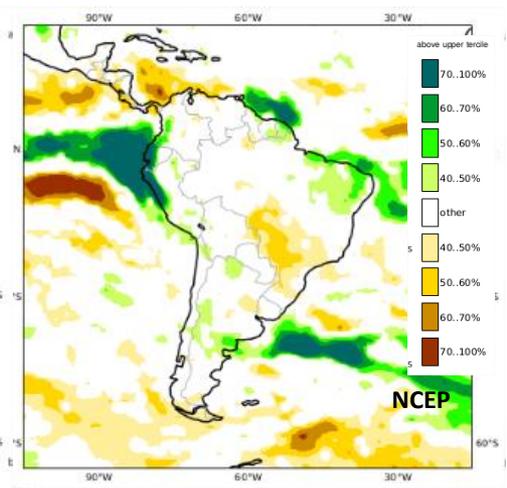
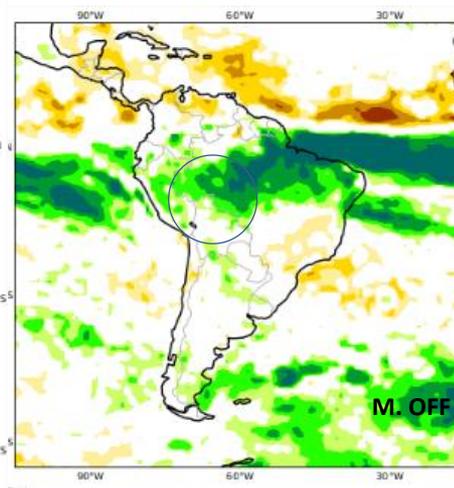
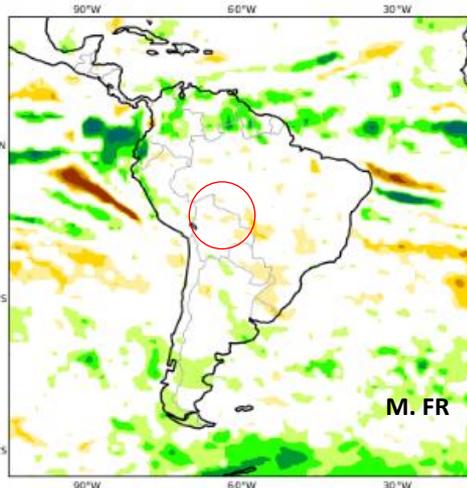
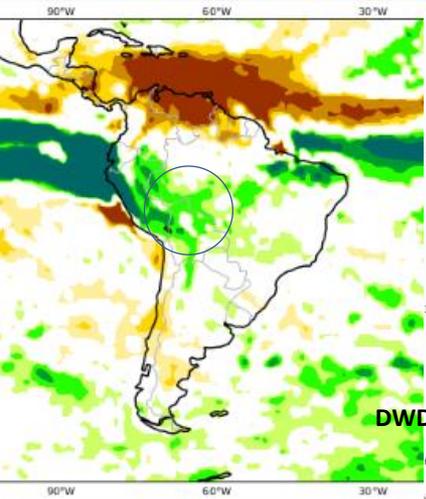
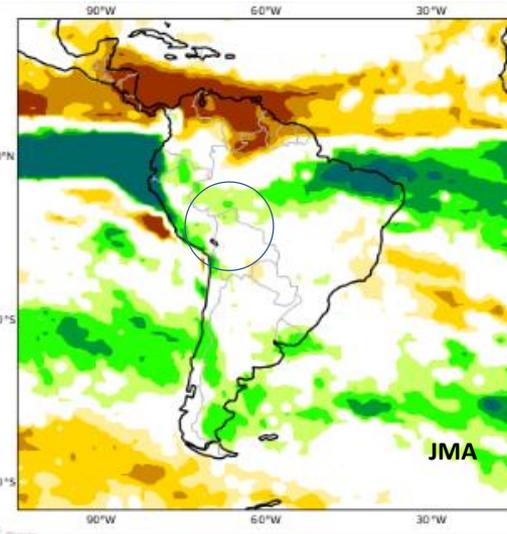
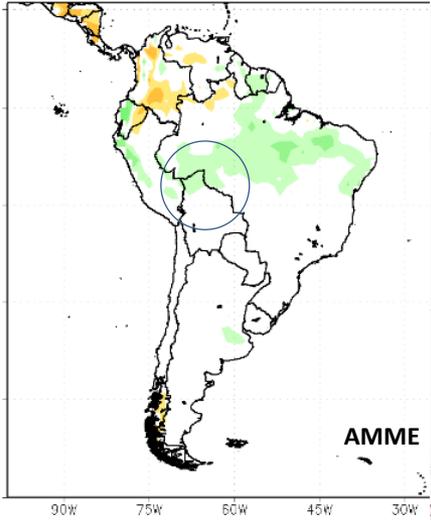
17-24/04



Previsão sazonal de Chuva AMJ



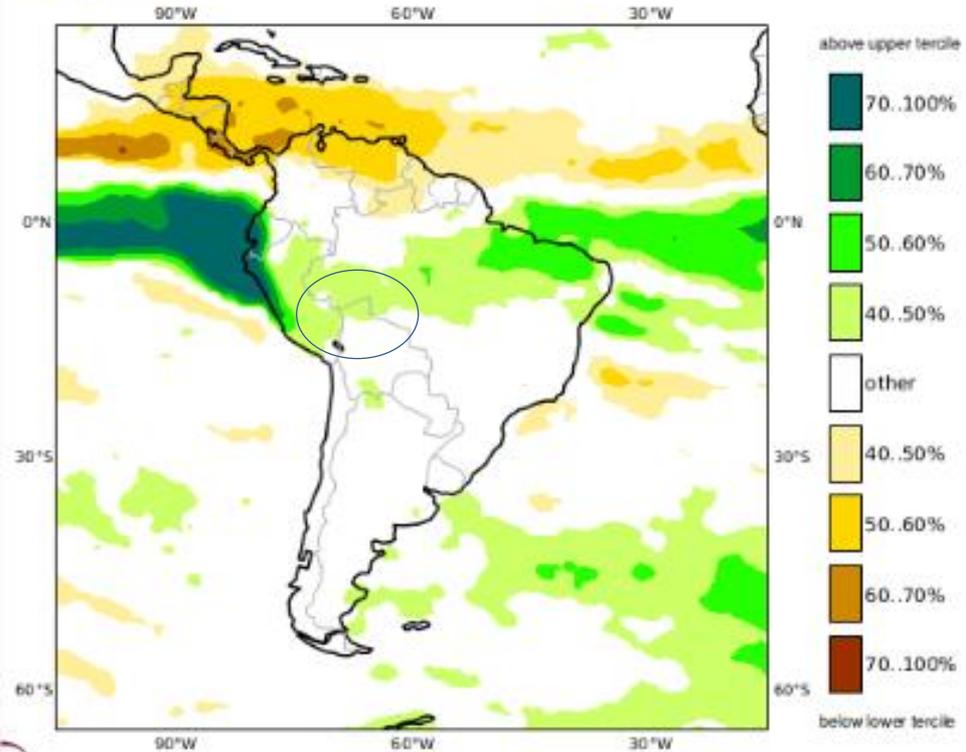
NMME Precipitation Anomalies (mm/day)



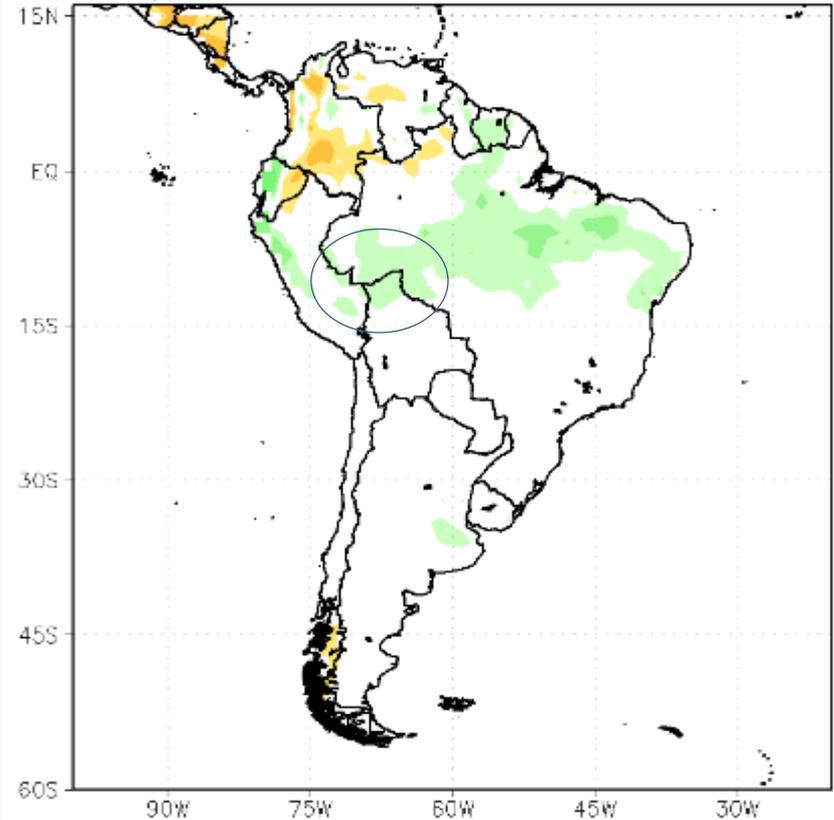
Previsão Multi Modelo AMJ

C3S multi-system seasonal forecast
Prob(most likely category of precipitation)
Nominal forecast start: 01/03/23
Unweighted mean

AMJ 2023

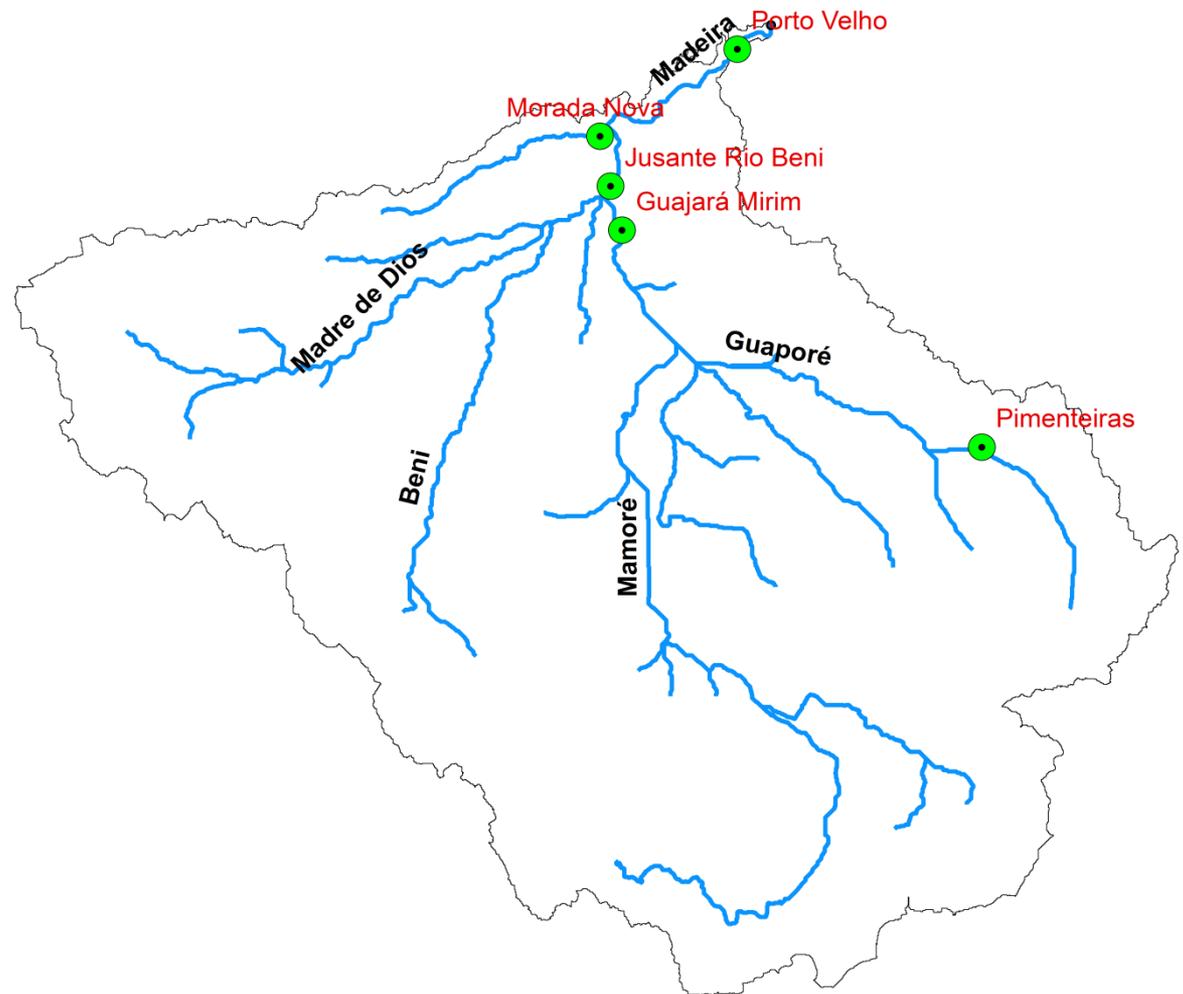


NMME Precipitation Anomalies (mm/day)
Apr2023–Jun2023 March2023 initial conditions



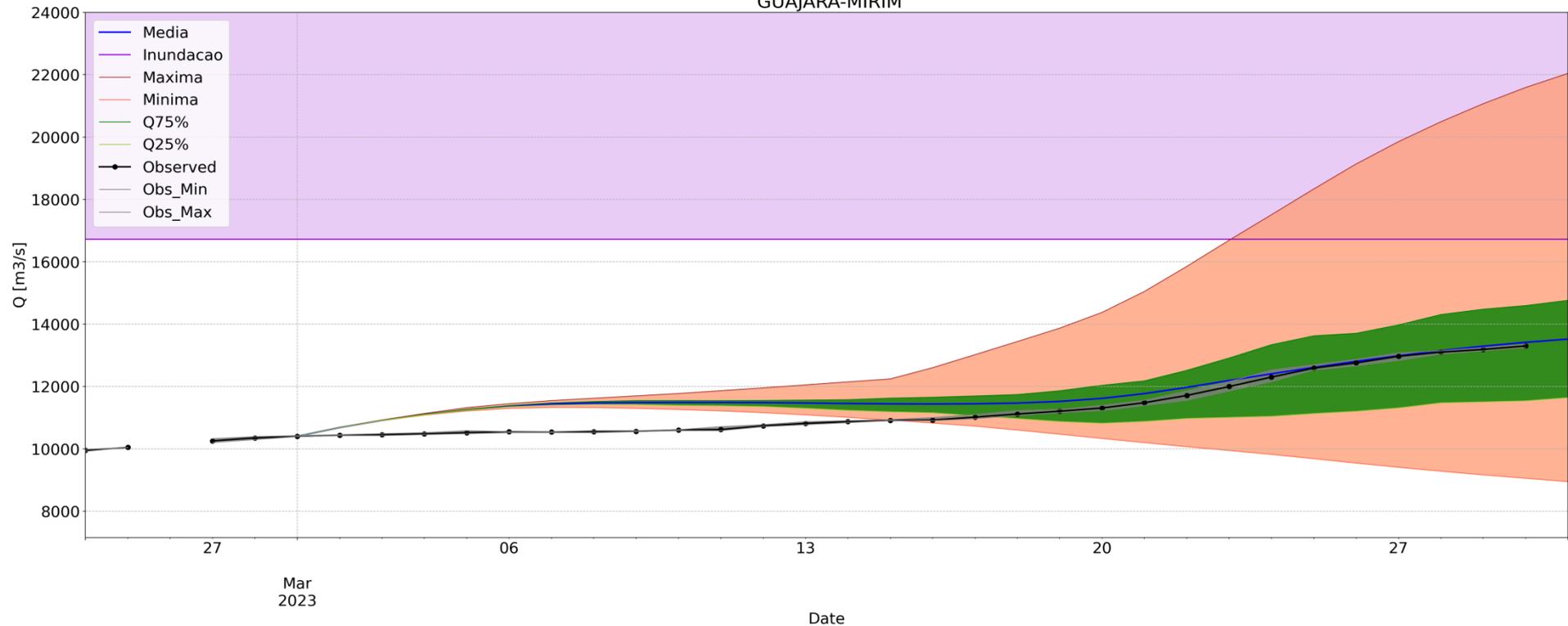
Previsão Hidrológica: Bacia do Rio Madeira

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)



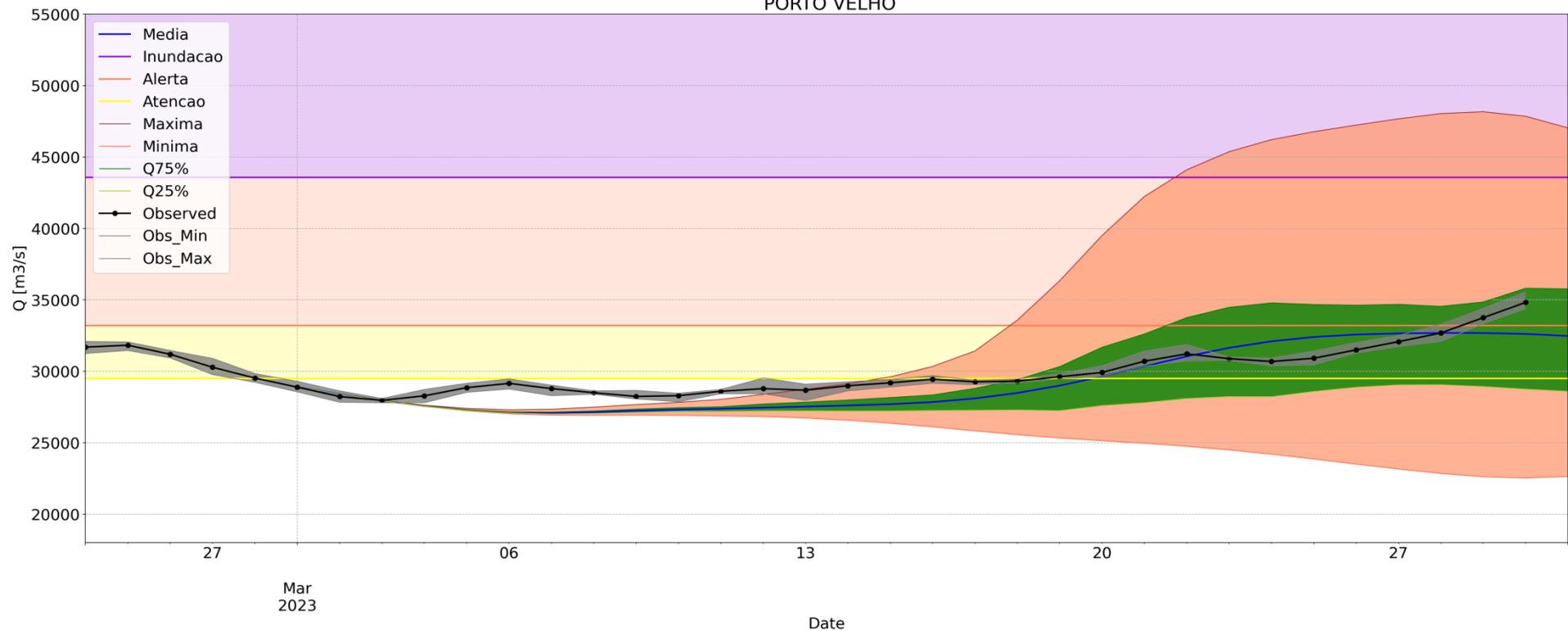
Análise Previsão: 01/03/2023

GloFAS Run - 2023030100
GUAJARÁ-MIRIM



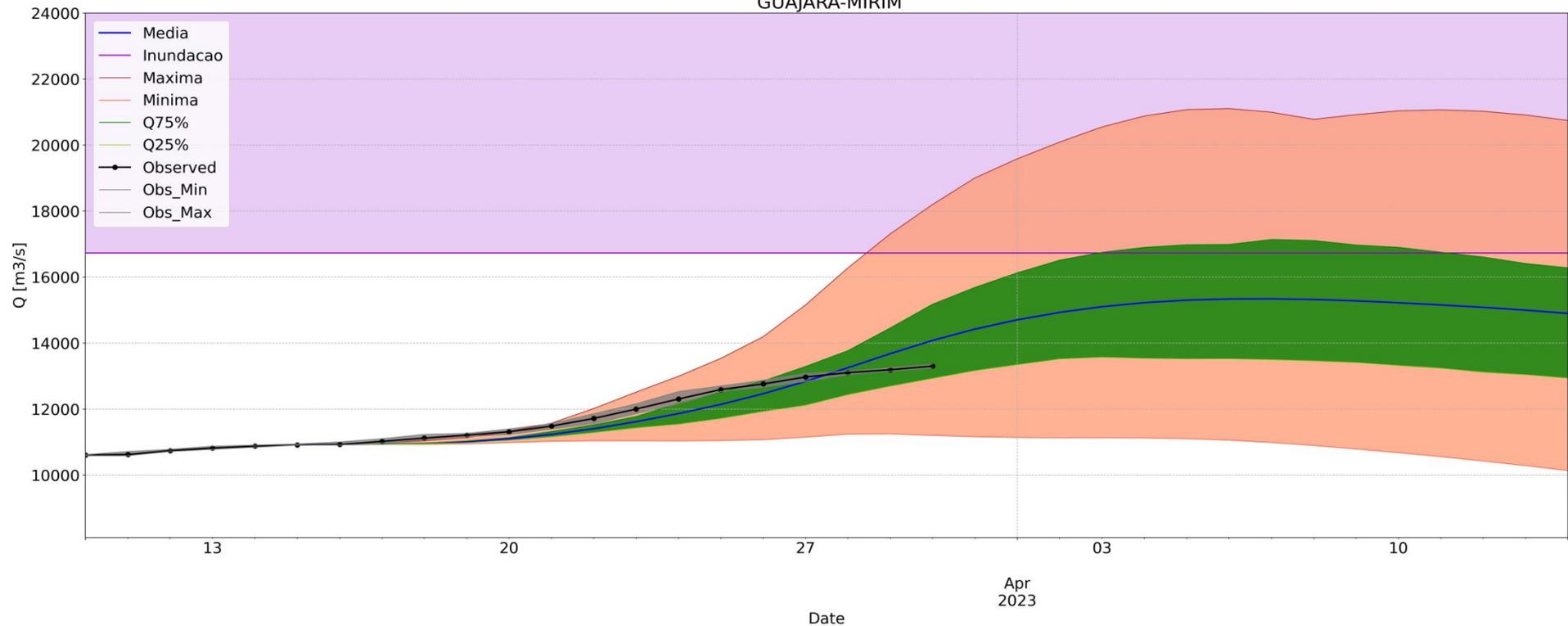
Análise Previsão: 01/03/2023

GloFAS Run - 2023030100
PORTO VELHO

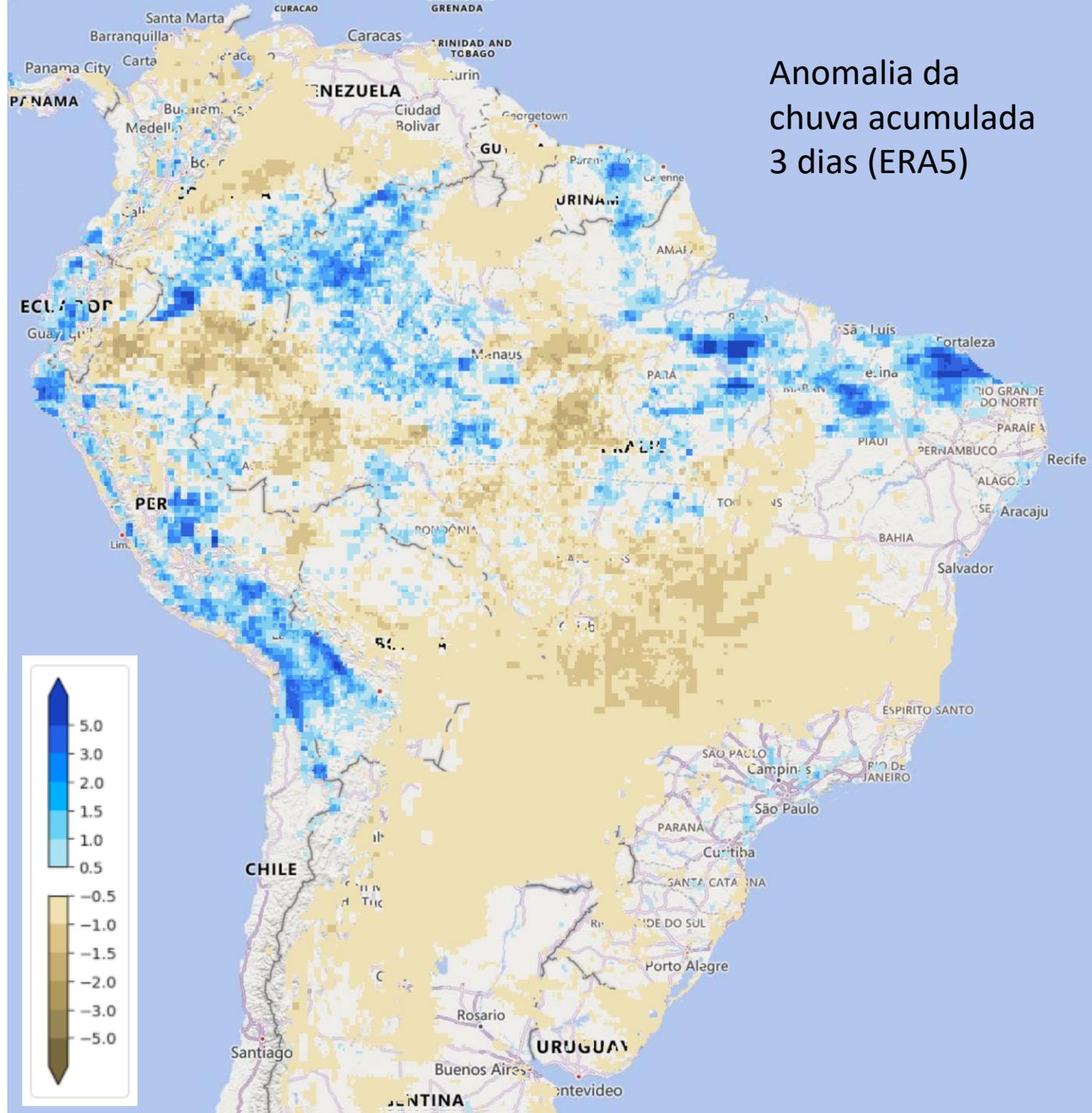


Análise Previsão: 15/03/2023

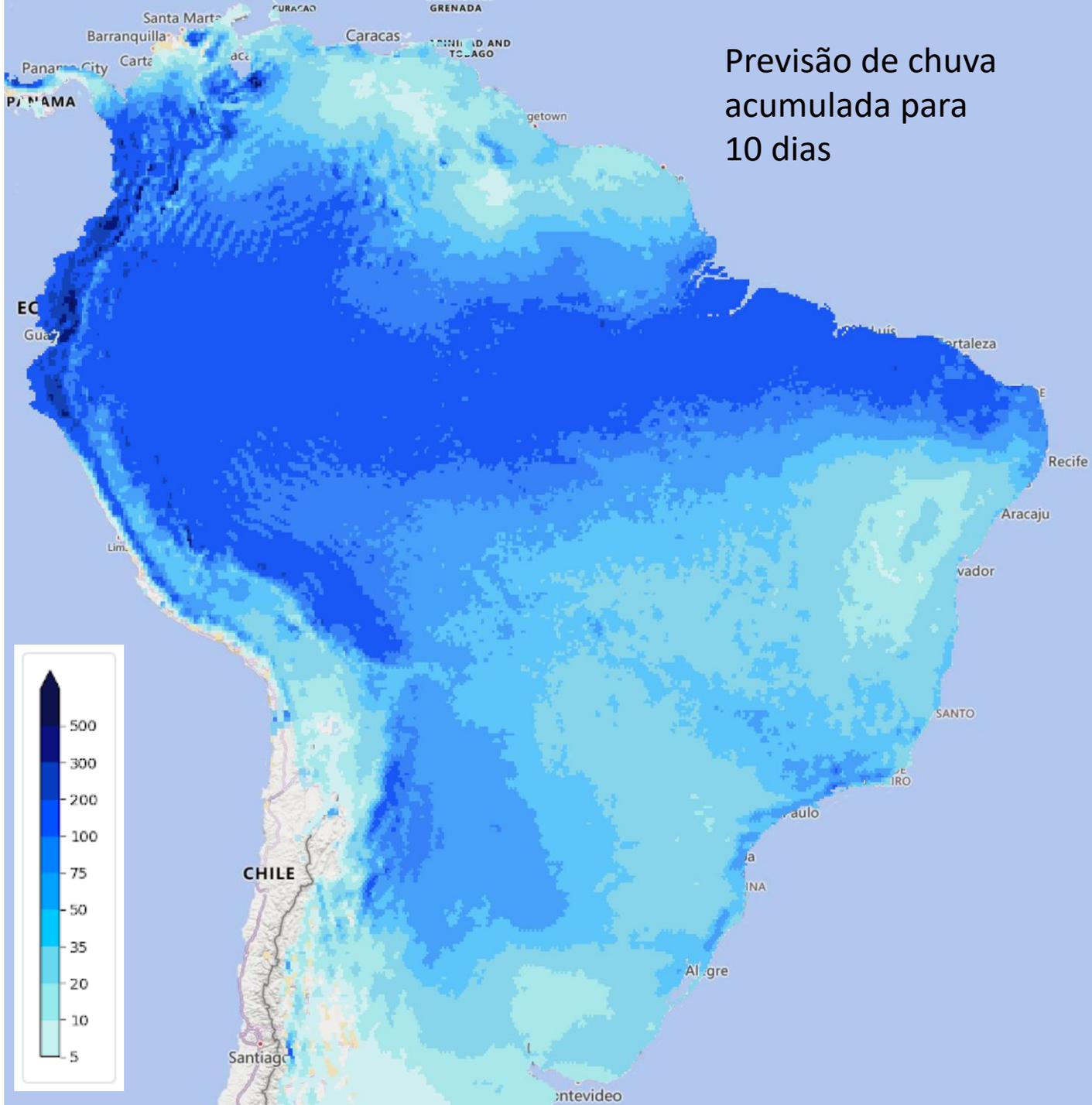
GloFAS Run - 2023031500
GUAJARÁ-MIRIM



Previsão: ECMWF/LISFLOOD



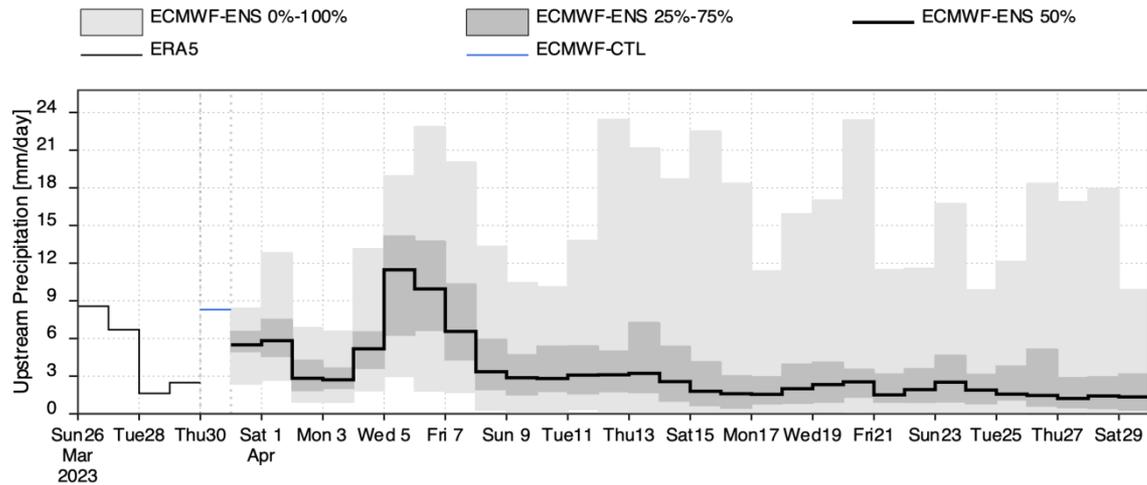
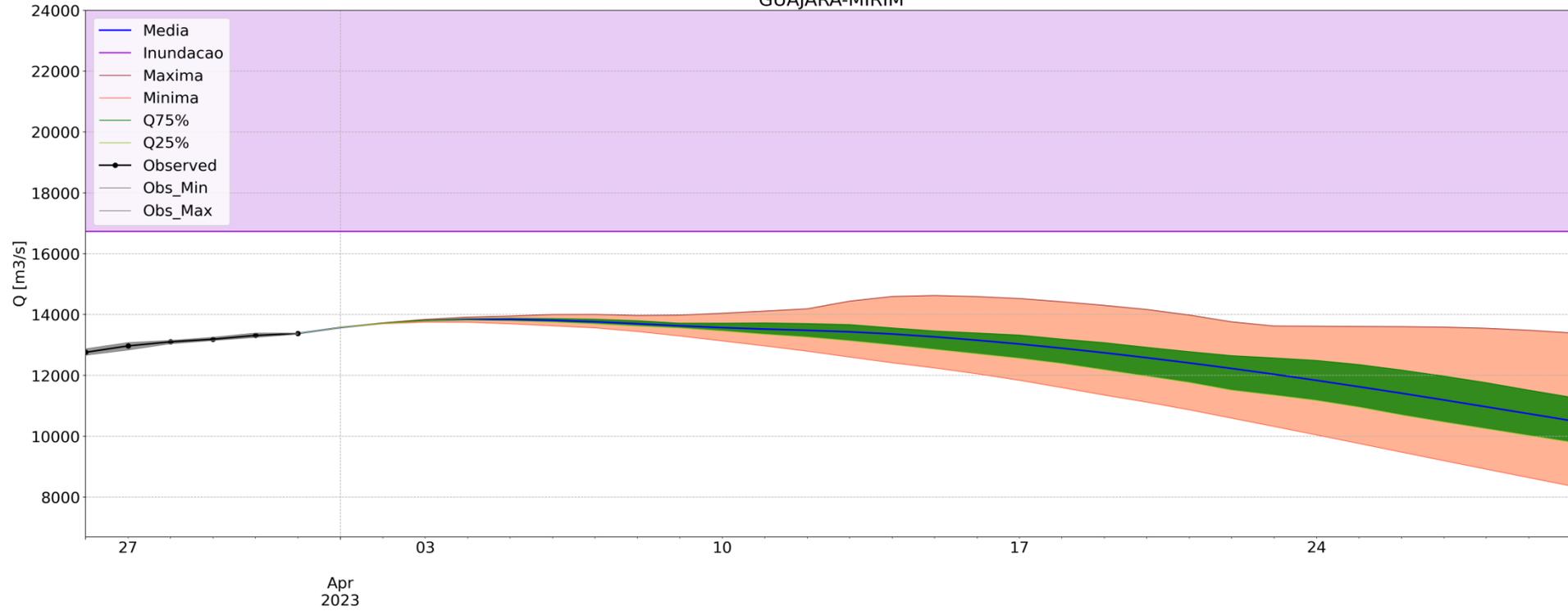
Previsão: ECMWF/LISFLOOD



Previsão: ECMWF/LISFLOOD

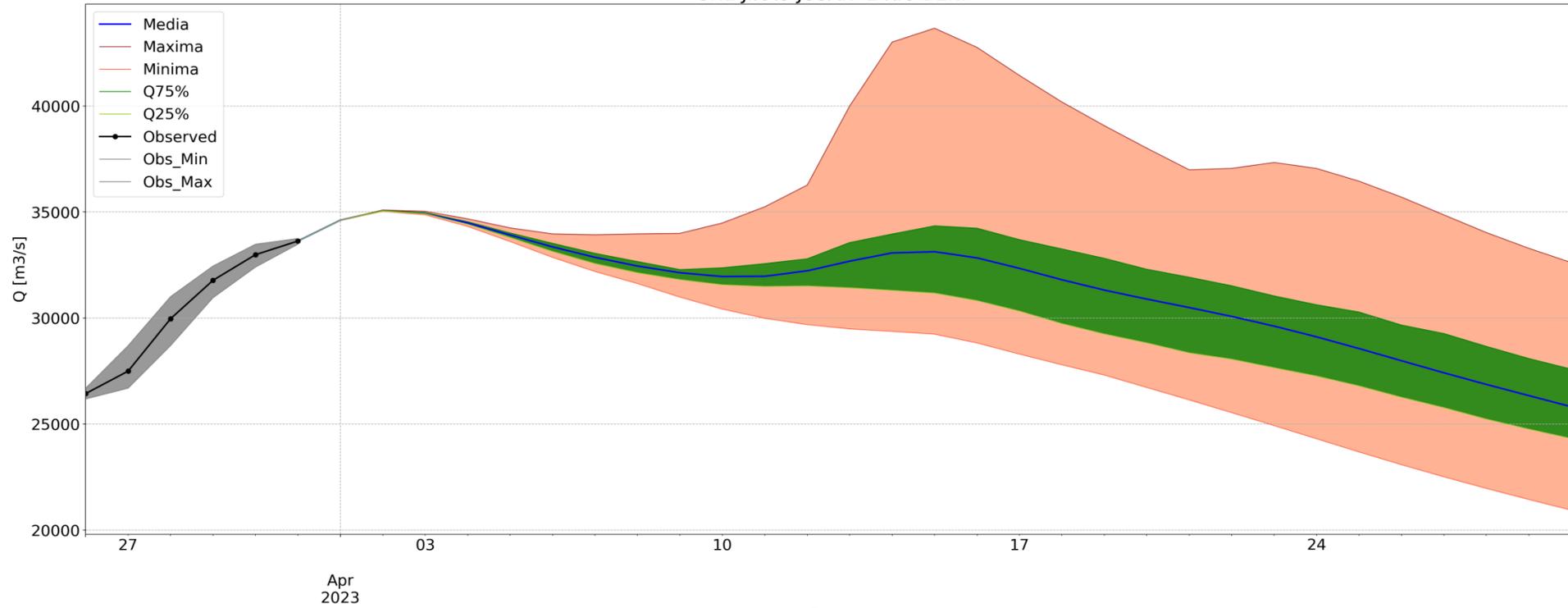
GloFAS Run - 2023033100

GUAJARÁ-MIRIM

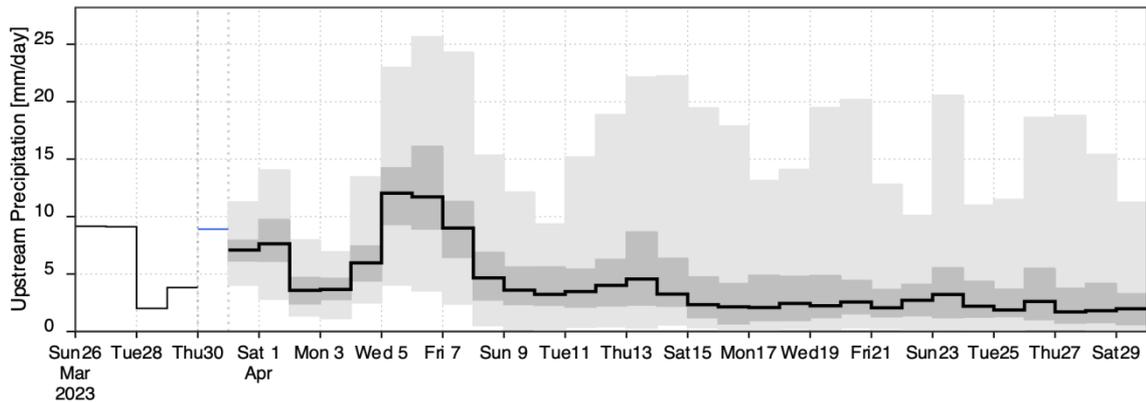


Previsão: ECMWF/LISFLOOD

GloFAS Run - 2023033100
UHE JIRAU JUSANTE RIO BENI

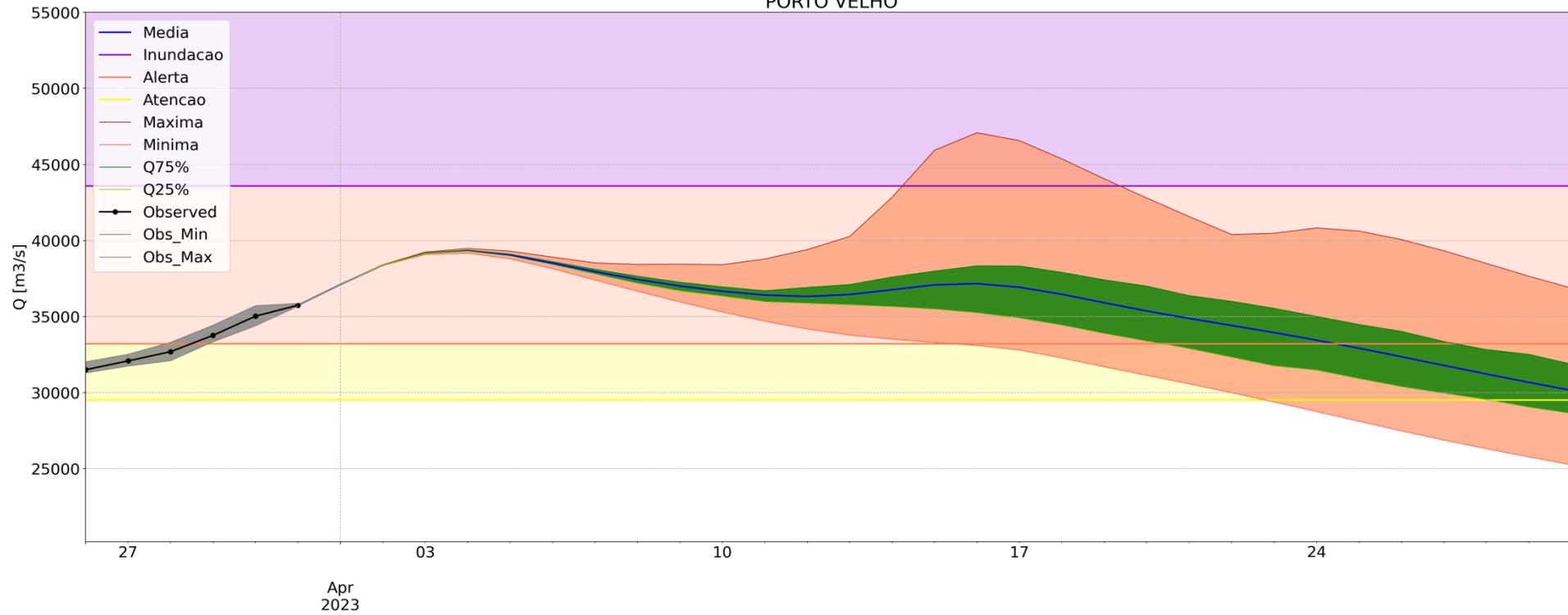


ECMWF-ENS 0%-100% ECMWF-ENS 25%-75% ECMWF-ENS 50%
ERA5 ECMWF-CTL

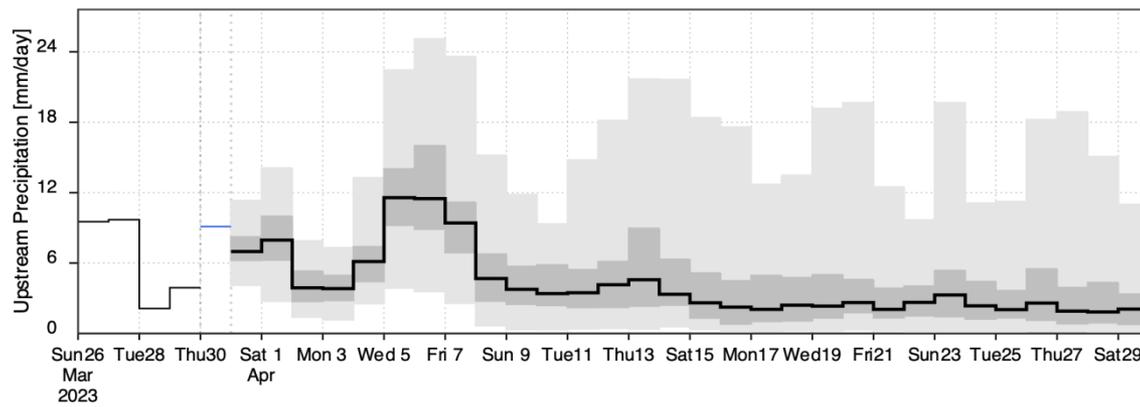


Previsão: ECMWF/LISFLOOD

GloFAS Run - 2023033100
PORTO VELHO



ECMWF-ENS 0%-100% ECMWF-ENS 25%-75% ECMWF-ENS 50%
ERA5 ECMWF-CTL



Contato:

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Pesquisador Titular

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(12) 3205 - 0146

Agradecimentos:

