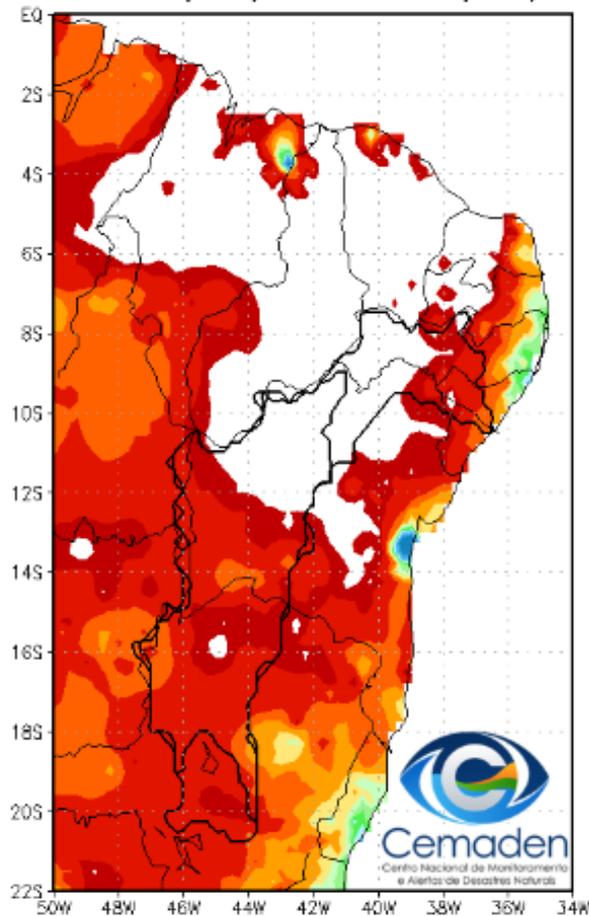


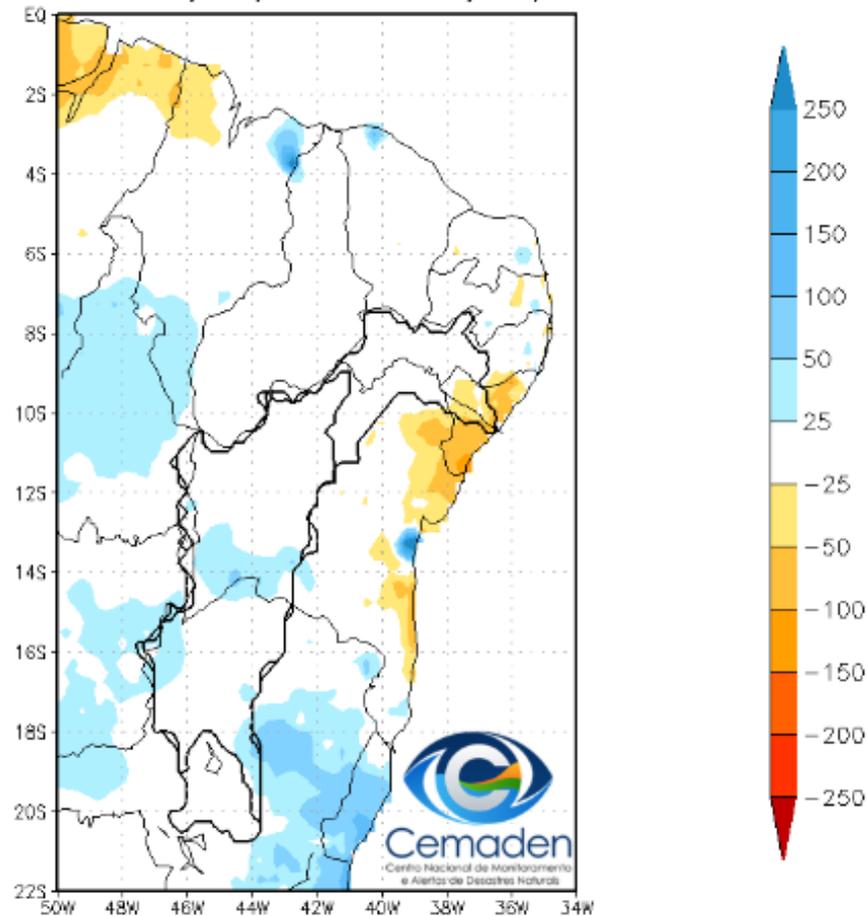
Monitoramento, Previsões e Projeções para a Bacia do Rio São Francisco

Chuva dos últimos 30 dias

Precipitacao Acumulada (mm) A.S.
Período: 05/08/2023 a 04/09/2023

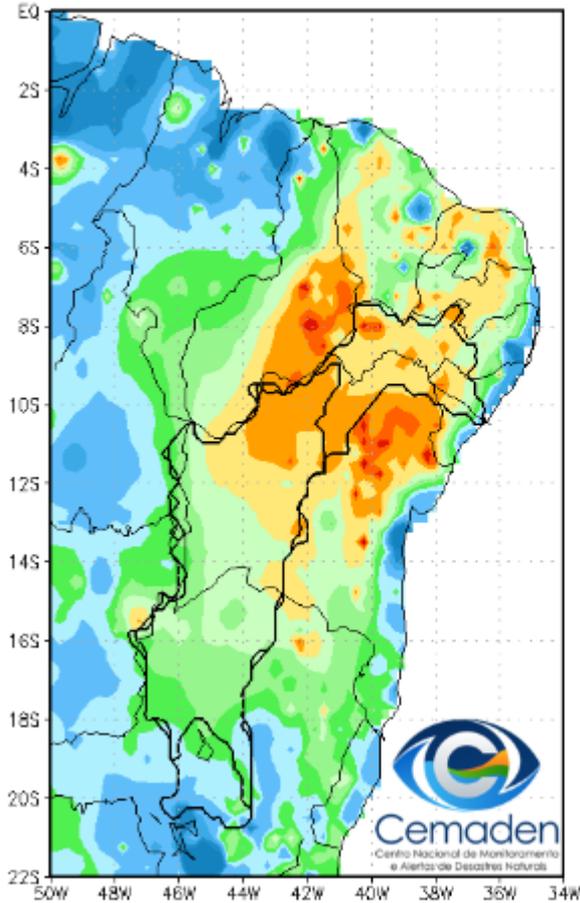


Anomalia de Precipitacao (mm) A.S.
Período: 05/08/2023 a 04/09/2023

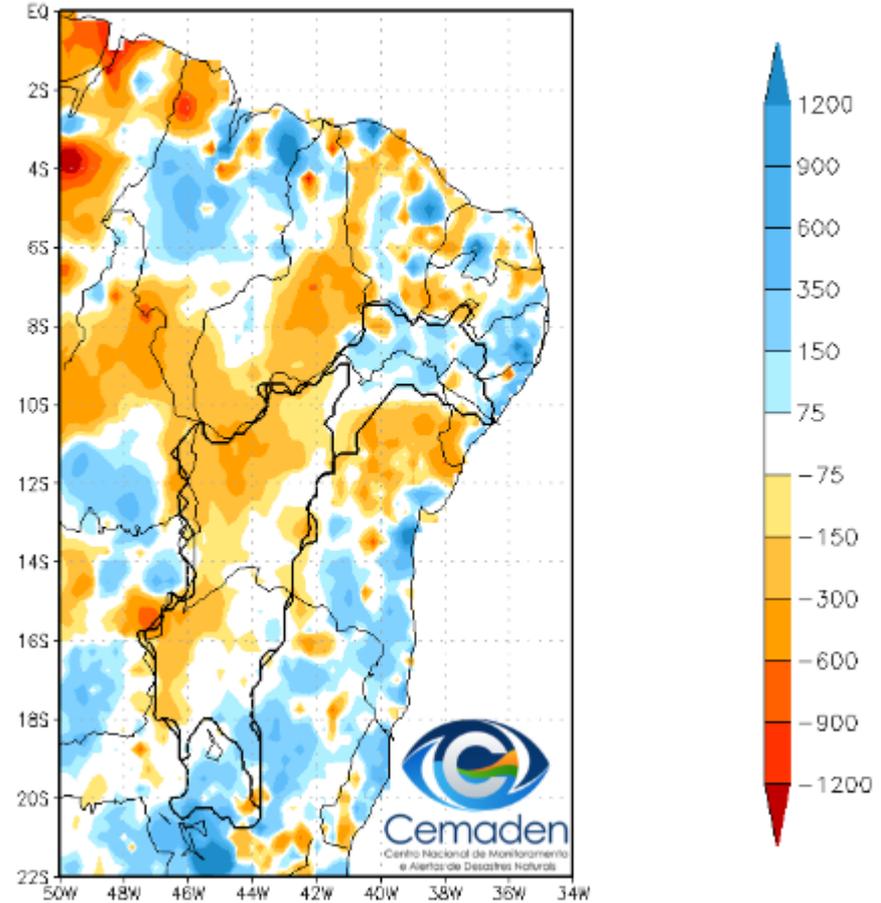


Chuva no Ano Hidrológico - desde 01/10/2022

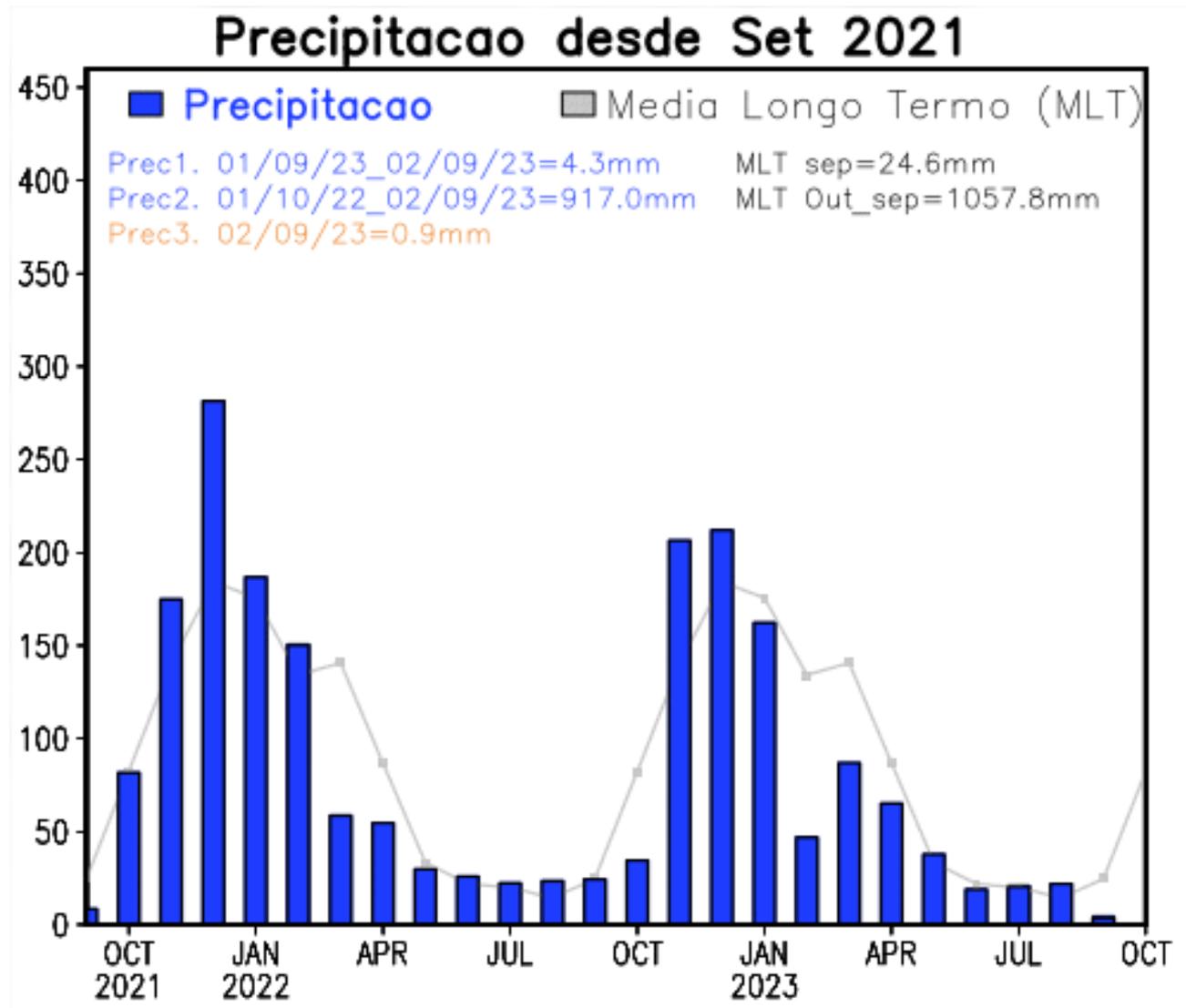
Precipitacao Acumulada (mm) A.S.
Periodo: 01/10/2022 a 04/09/2023



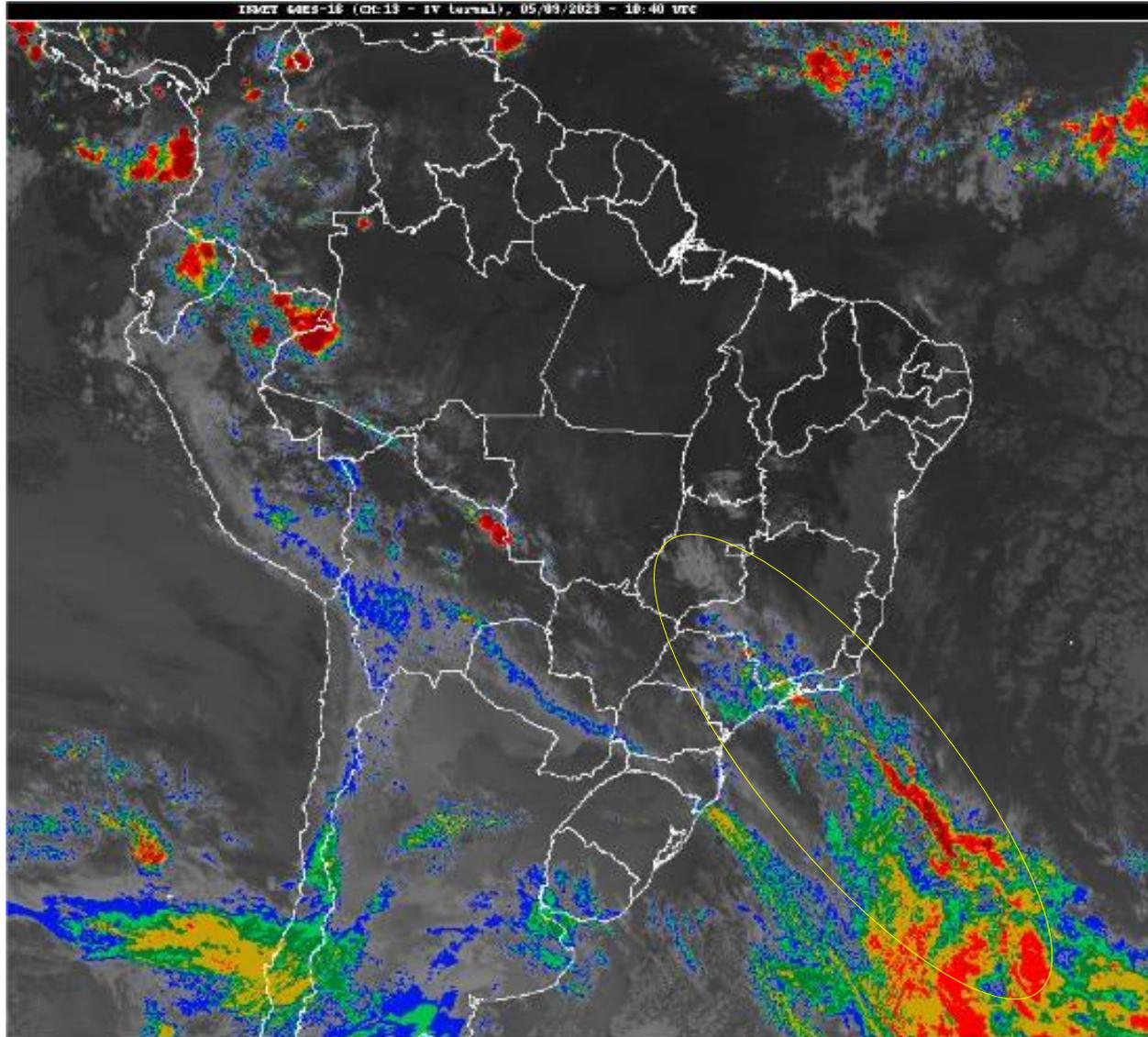
Anomalia de Precipitacao (mm) A.S.
Periodo: 01/10/2022 a 04/09/2023



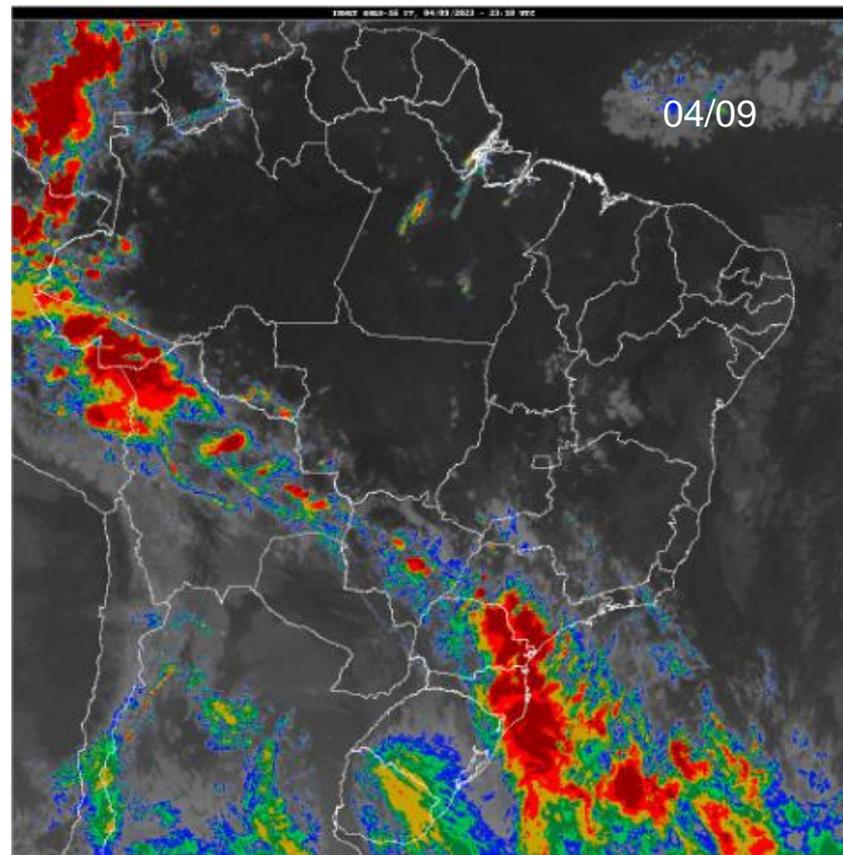
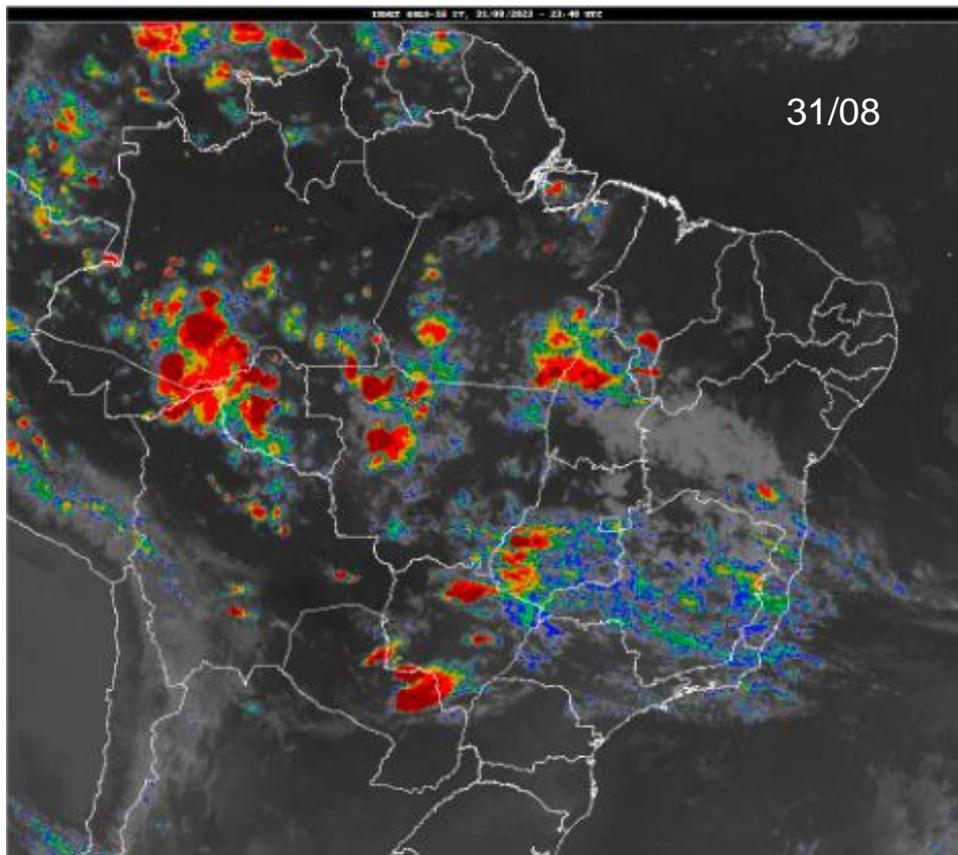
Bacia do rio São Francisco



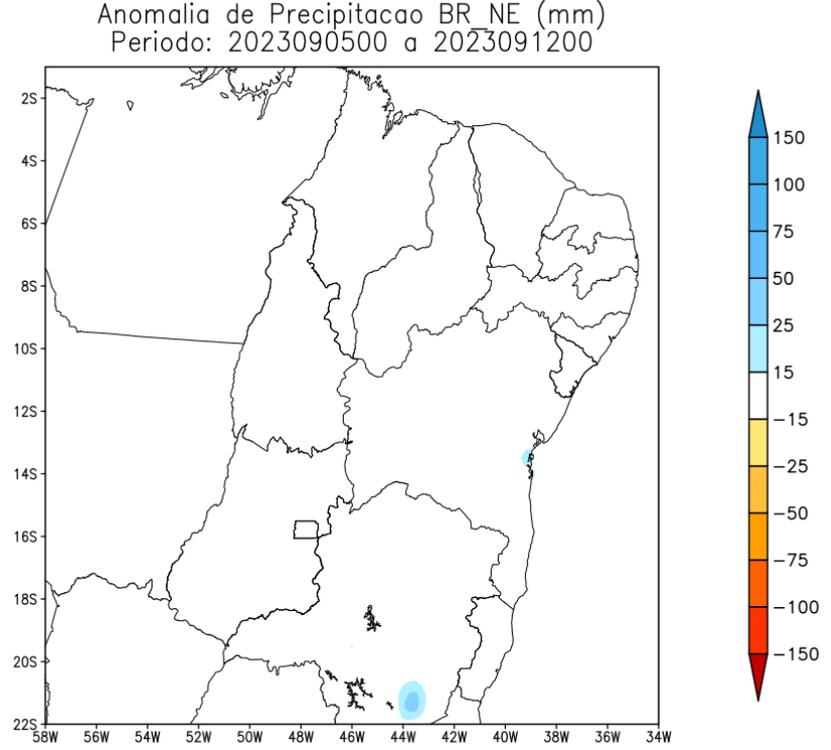
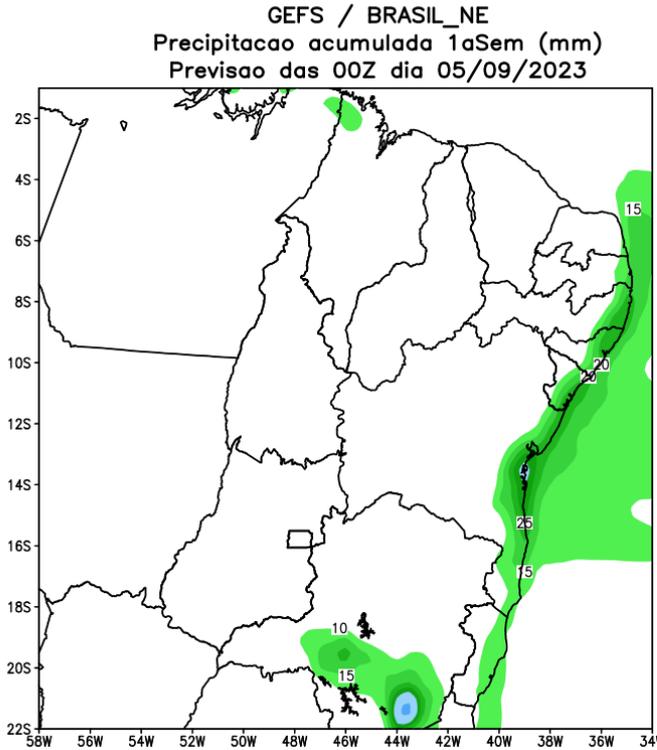
Situação meteorológica atual



Situação meteorológica últimos dias



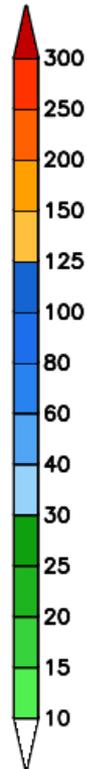
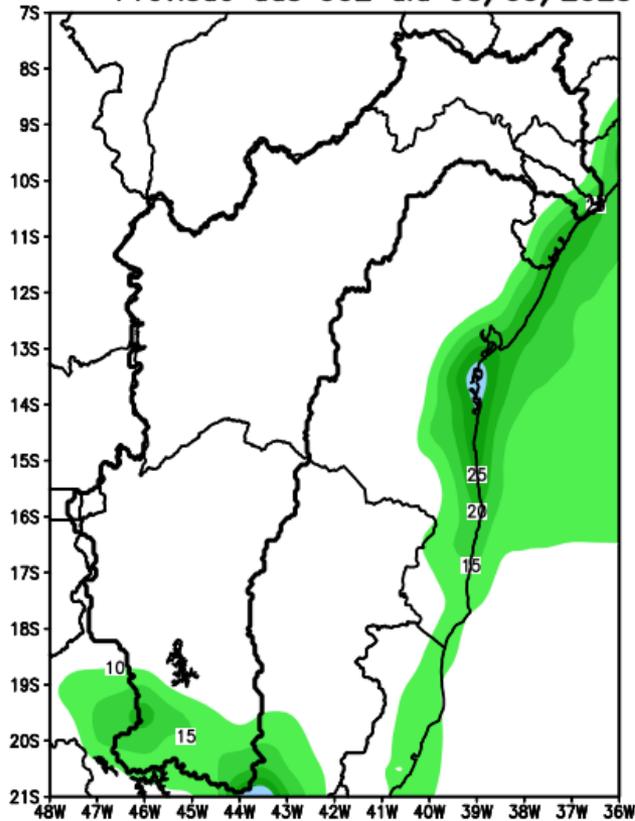
Previsão de chuva próximos 7 dias



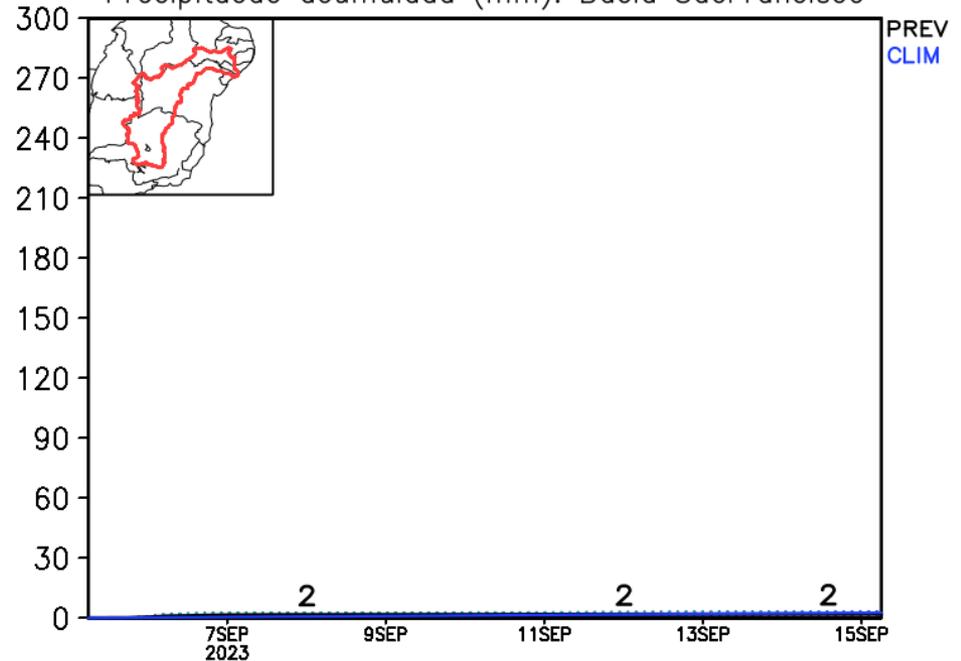
Fonte: GEFS/NOAA

Bacia do rio São Francisco

GEFS / Bacia do Rio Sao Francisco
Precipitacao acumulada em 7 dias (mm)
Previsao das 00Z dia 05/09/2023

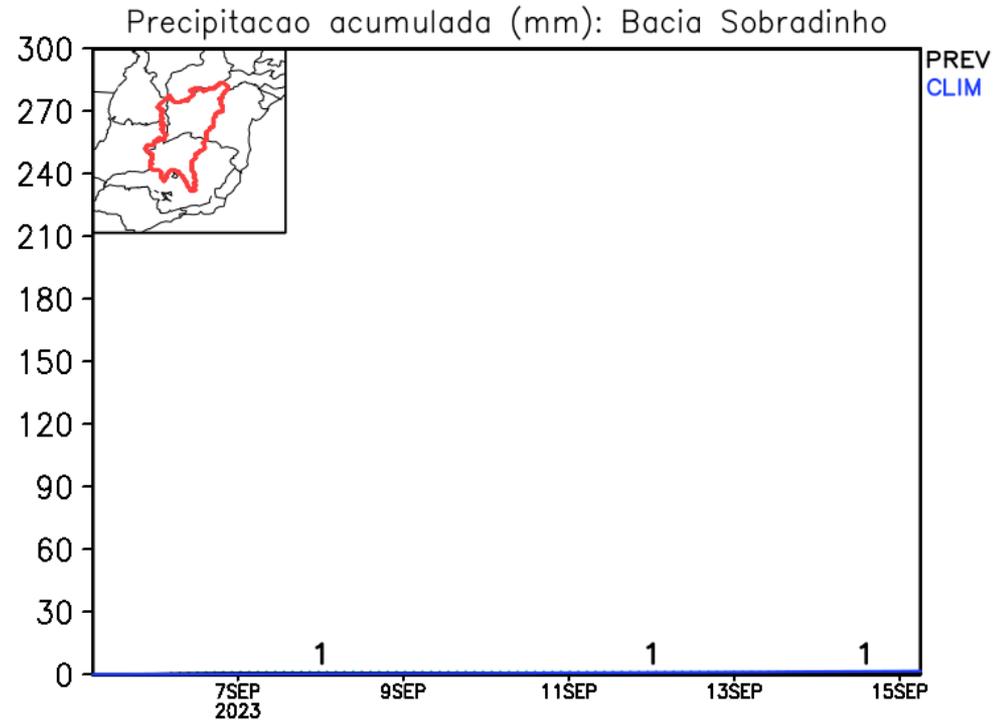
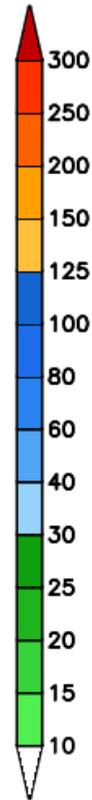
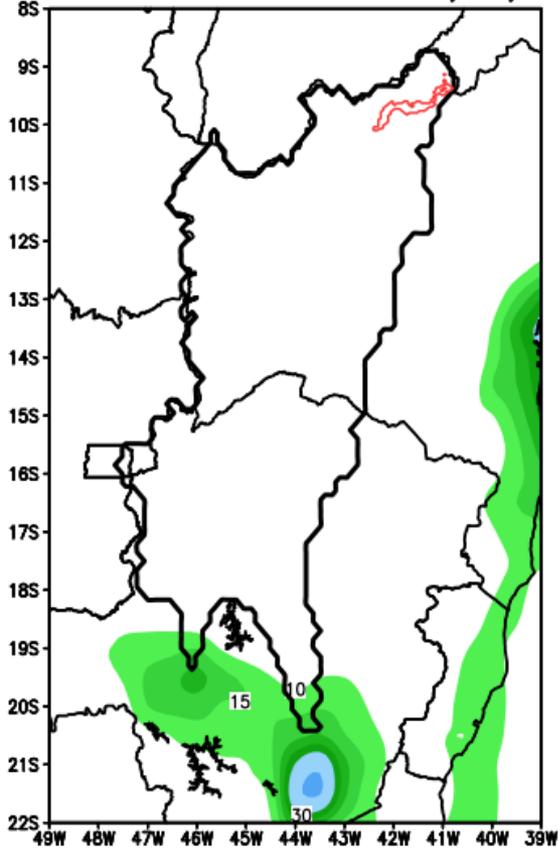


Precipitacao acumulada (mm): Bacia SaoFrancisco



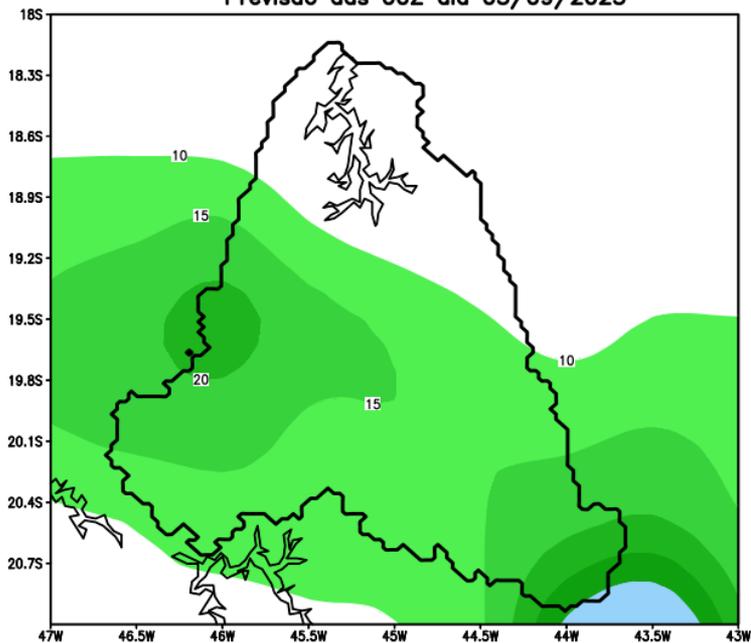
Bacia de Sobradinho

GEFS / Sobradinho
Precipitacao acumulada em 7 dias (mm)
Previsao das 00Z dia 05/09/2023

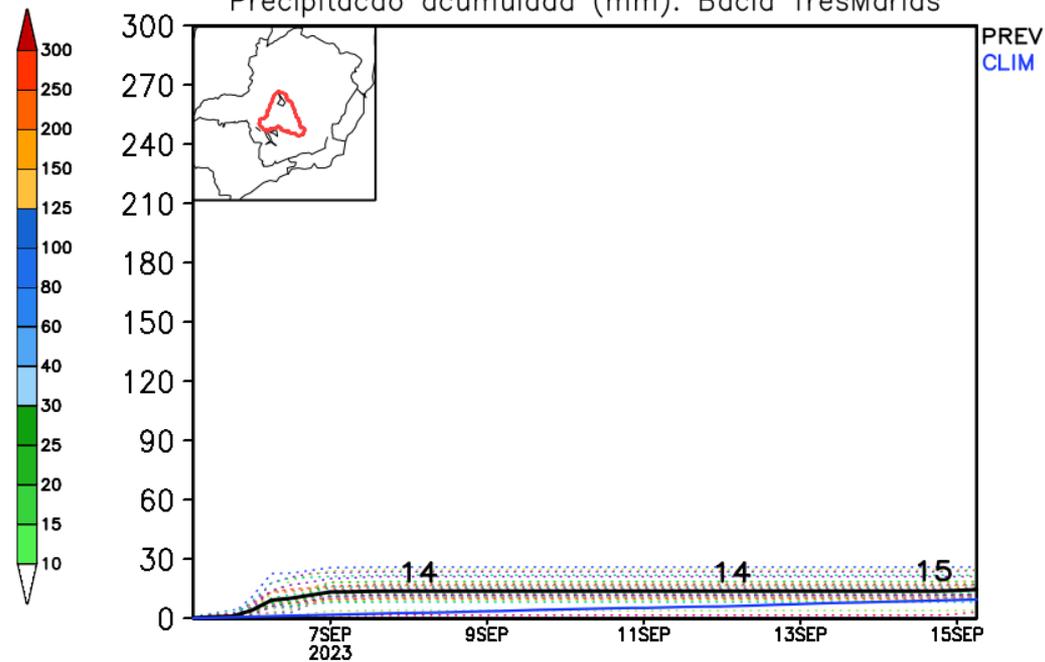


Bacia de Três Marias

GEFS / Tres Marias
Precipitacao acumulada em 7 dias (mm)
Previsao das 00Z dia 05/09/2023



Precipitacao acumulada (mm): Bacia TresMarias



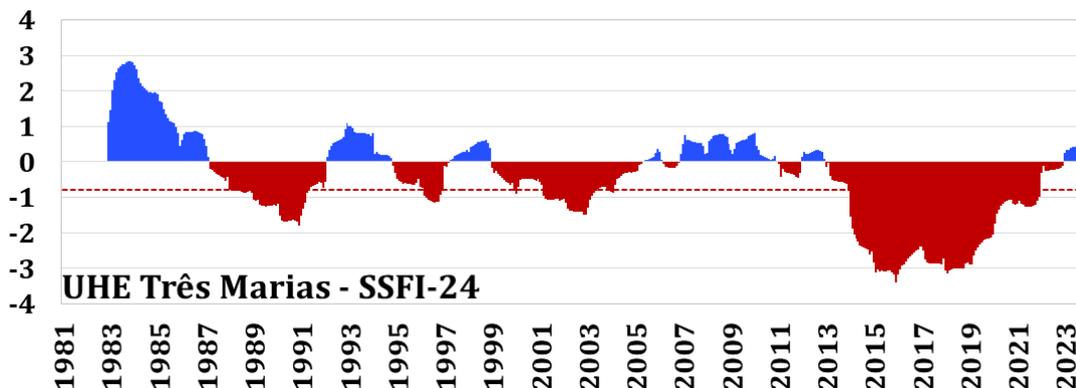
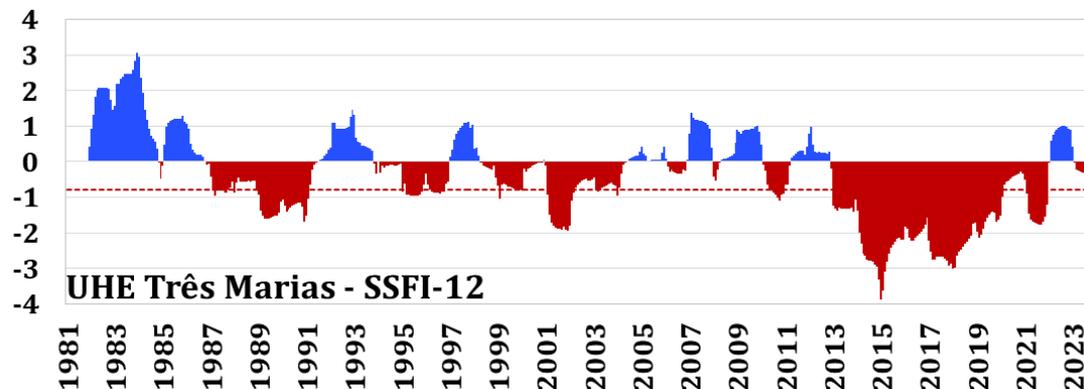
Monitoramento UHE Três Marias

Índice
Padronizado de
Vazão (SSFI)

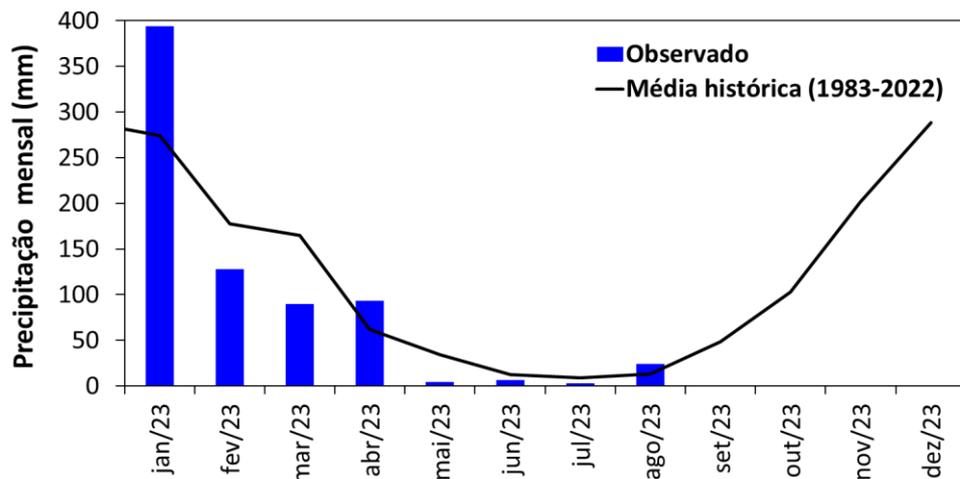
Agosto/2023

Condição
Normal

em todas as escalas
temporais



Monitoramento UHE Três Marias



Precipitação

Estação Chuvosa - Out a Mar - 1209 mm

2021/2022: 1592 mm (132% da MLT)

2022/2023: 1288 mm (106 da MLT)

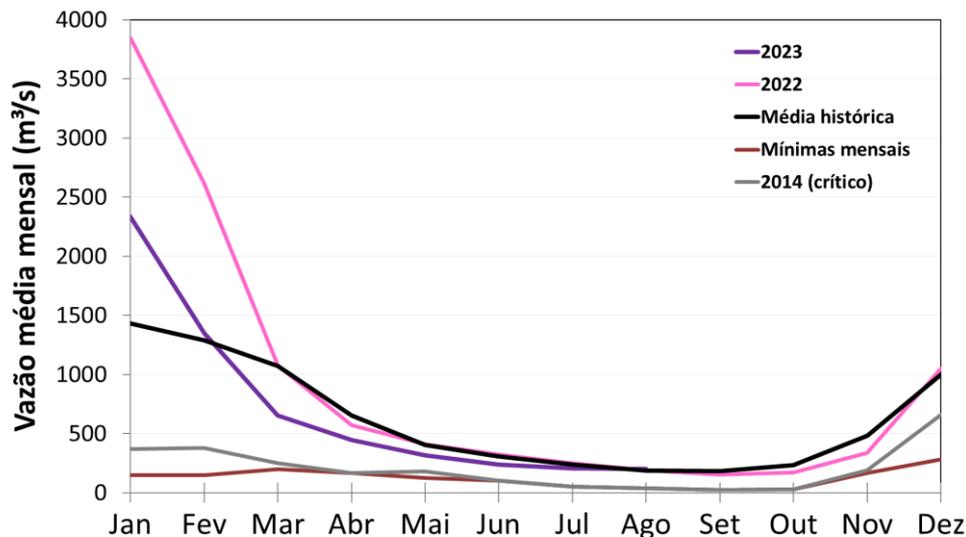
Estação Seca - Abr a Set – 179 mm

2022: 116 mm (64% da MLT)

2023*: 131 mm (73% da MLT)

Agosto/23: 24 mm (183% da MLT)

*Até 31/08/2023



Vazão

Estação Chuvosa - Nov a Abr - 989 m³/s

2021/2022: 1639 m³/s (166% da MLT)

2022/2023: 1029 m³/s (104% da MLT)

Estação Seca - Maio a Out – 260 m³/s

2022: 250 m³/s (96% da MLT)

2023*: 241 m³/s (93% da MLT)

Agosto/23: 201 m³/s (105% da MLT)

31/Agosto: 222 m³/s (116% da MLT)

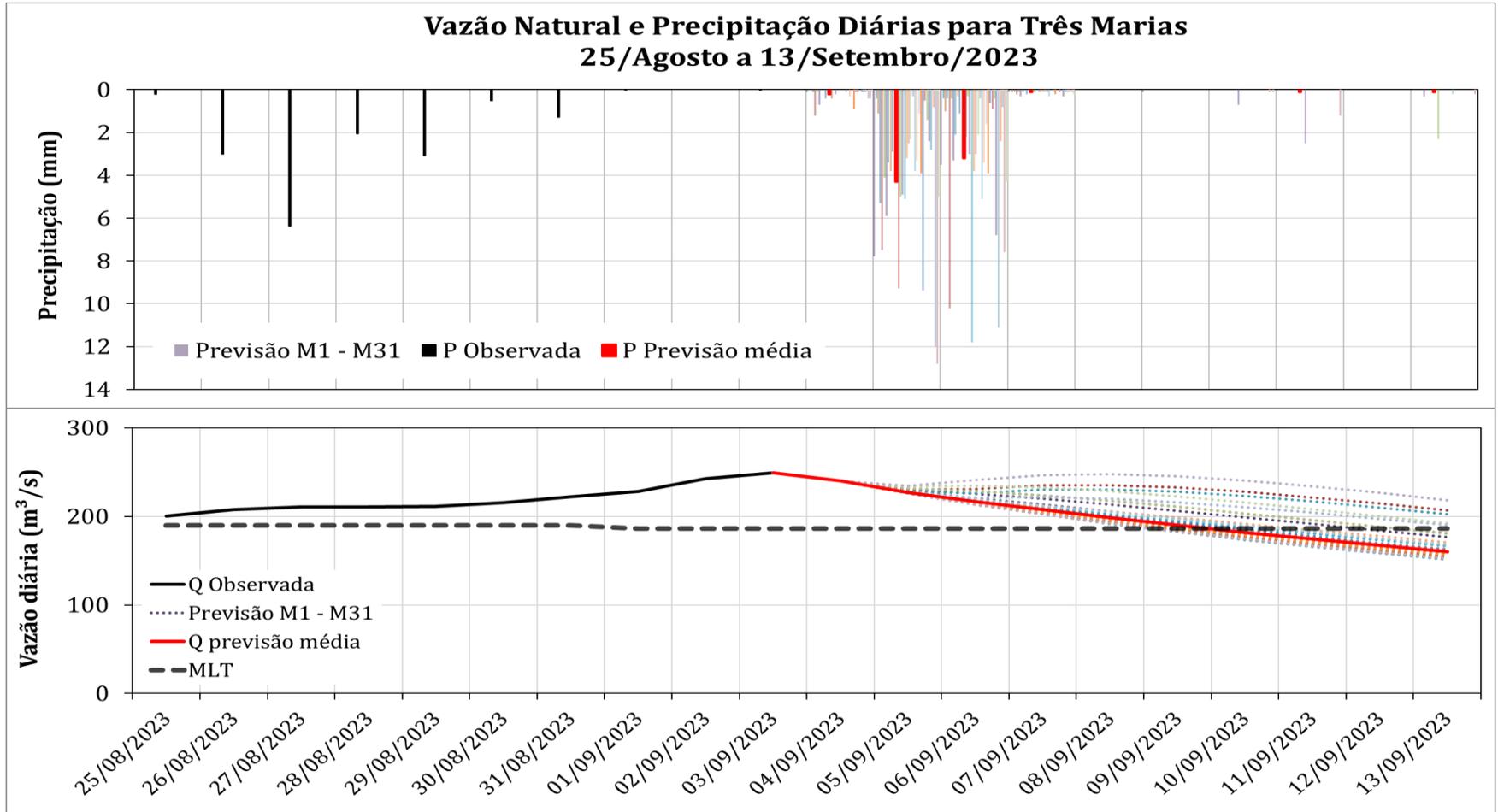
*Até 31/08/2023

MLT: Média de Longo Termo (1983-2022)

Dados de precipitação: INMET, ANA, CEMADEN.

Dados de vazão: ONS e ANA.

UHE Três Marias: Previsão de Vazão (modelo PDM/CEMADEN)



Dados **observados de precipitação** (barras pretas) para o período **25/08 a 03/09** e **previsão** para o período de **04/09 a 13/09**

Dados **observados de vazão** (linha preta) para o período **25/08 a 03/09** e **previsão** para o período de **04/09 a 13/09**

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

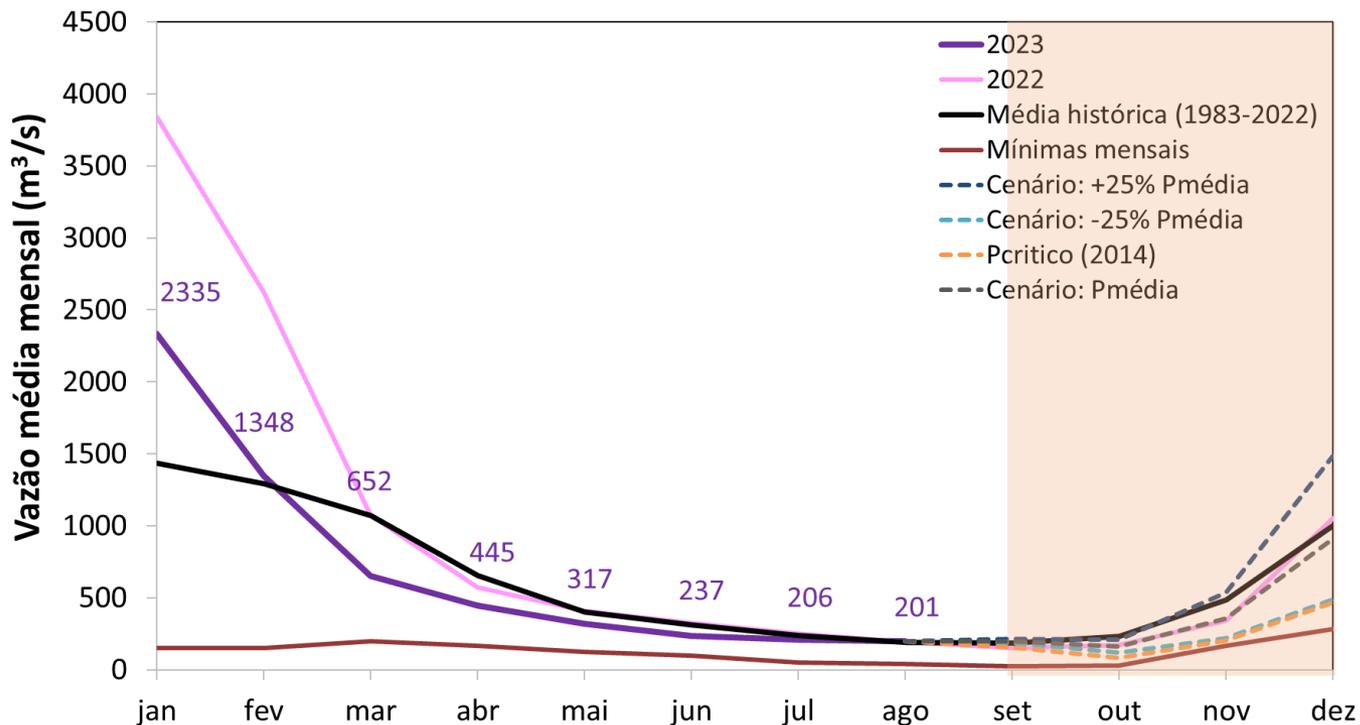
As linhas coloridas representam os membros de previsão de vazão.

Previsão média para os próximos 10 dias: 196 m³/s

Valor superior a MLT de Setembro (186 m³/s)

UHE Três Marias: Projeções de Vazão (modelo PDM/CEMADEN)

Previsão: 04/Set a 13/Set- Projeções: 14/Set a 31/Dez/23



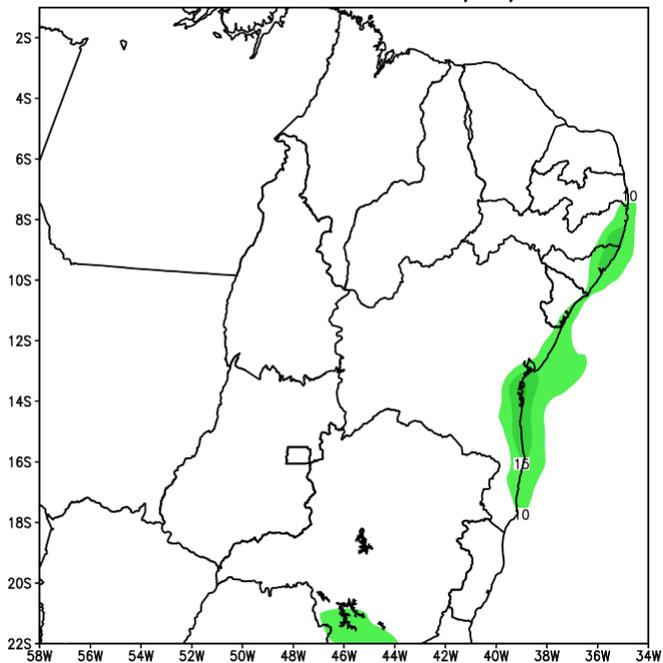
Setembro-Dezembro

MLT: 476 m³/s

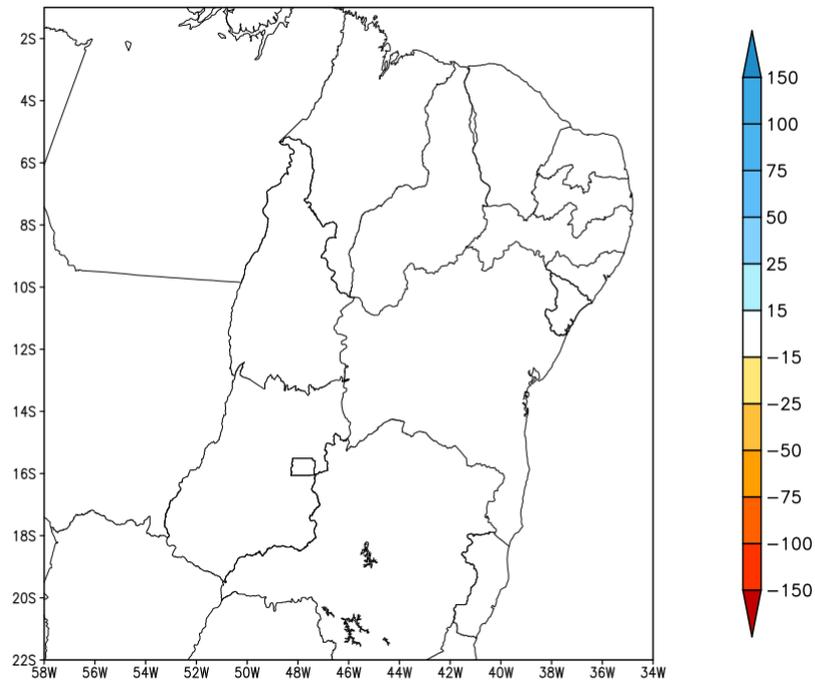
Vazão	% MLT
611 m³/s	128%
407 m³/s	85%
253 m³/s	53%
227 m³/s	48%

Tendência para a 2a semana

GEFS / BRASIL_NE
Precipitacao acumulada 2aSem (mm)
Previsao das 00Z dia 05/09/2023



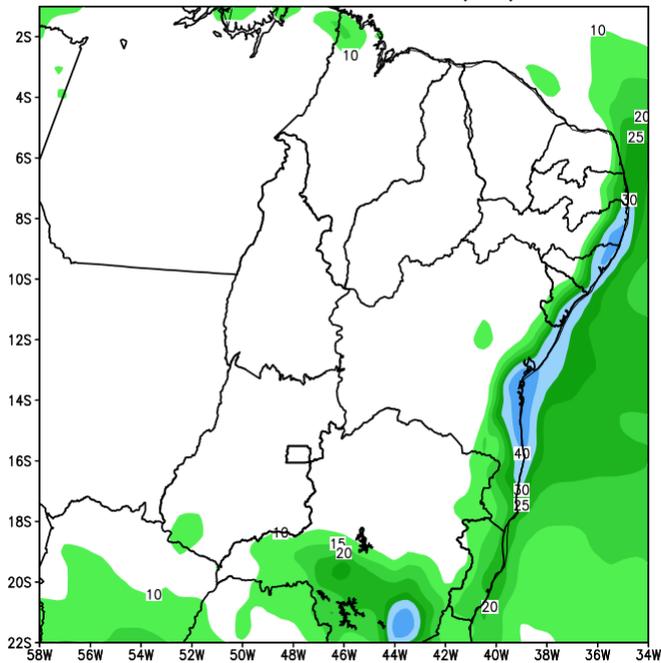
Anomalia de Precipitacao BR_NE (mm)
Periodo: 2023091300 a 2023091900



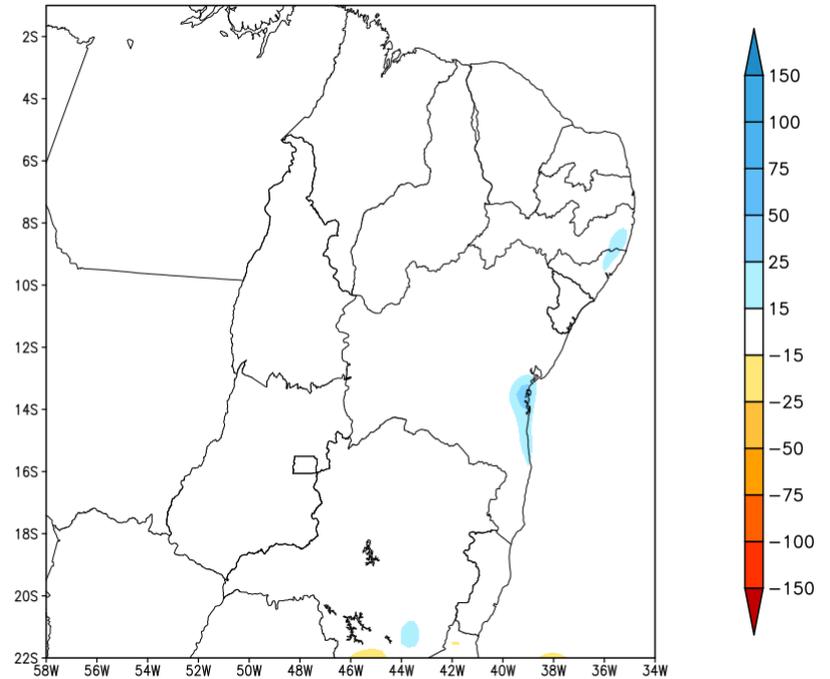
Modelo GFS/NOAA

Tendência para as duas próximas semanas

GEFS / BRASIL_NE
Precipitacao acumulada 14dias (mm)
Previsao das 00Z dia 05/09/2023



Anomalia de Precipitacao BR_NE (mm)
Periodo: 2023090500 a 2023091900



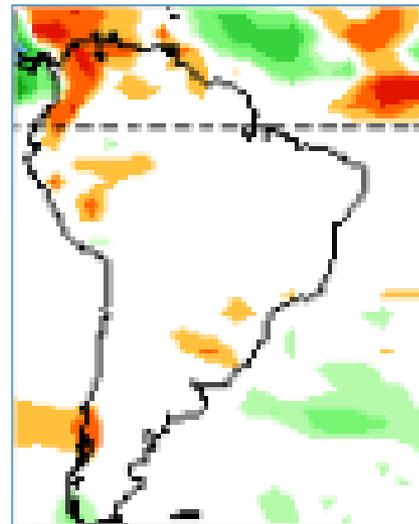
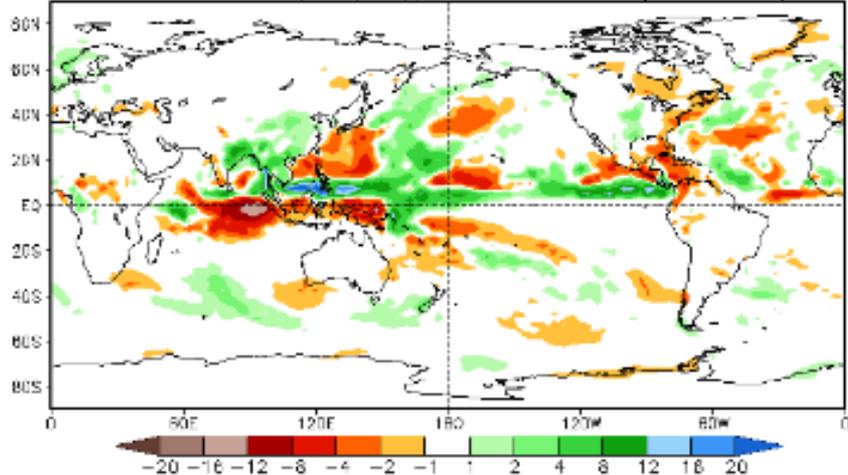
Modelo GFS/NOAA

Tendência 3a e 4a semanas

18 Member Ensemble Mean Forecast from 04Sep2023

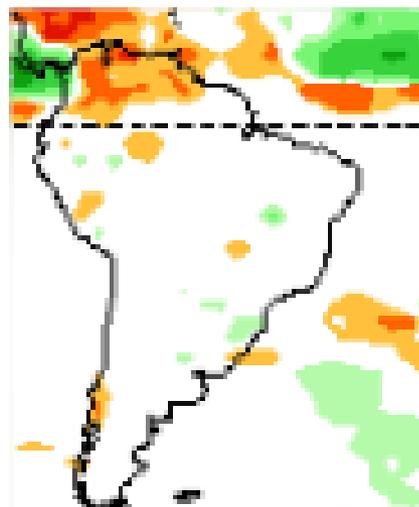
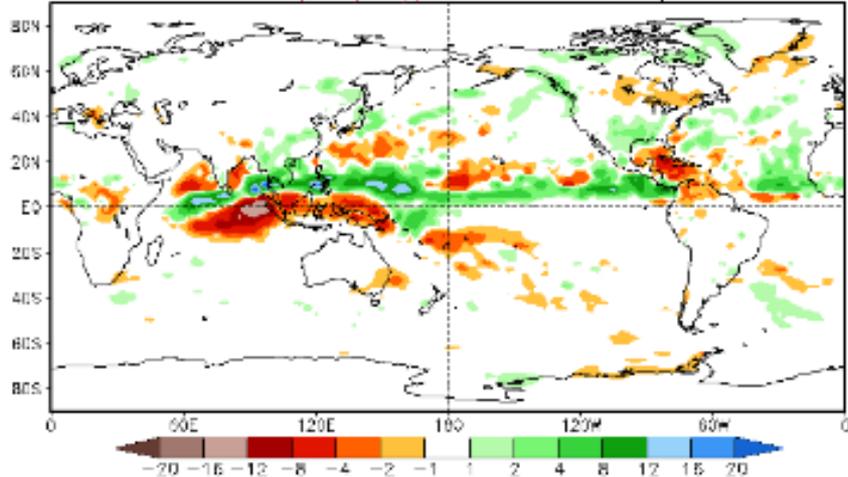
Week 3 Anomalies (mm/day)

19Sep2023–25Sep2023



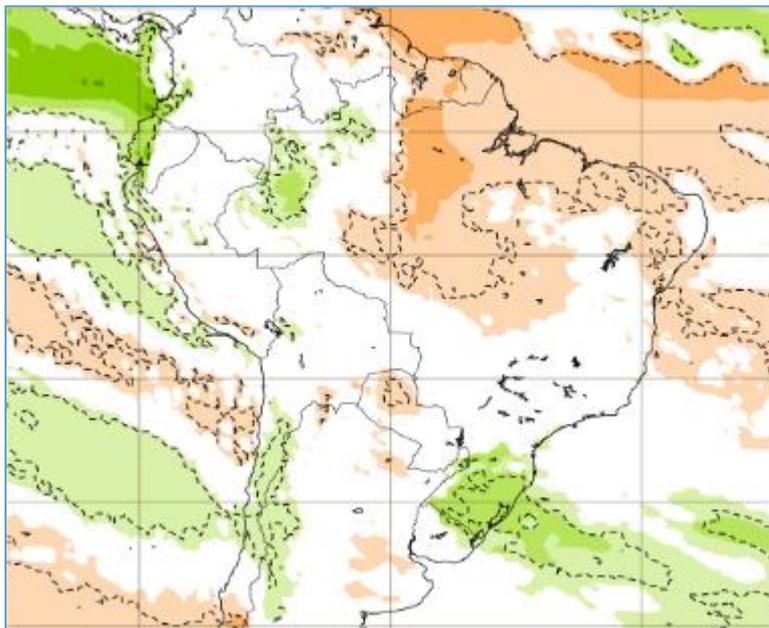
Week 4 Anomalies (mm/day)

26Sep2023–20Oct2023

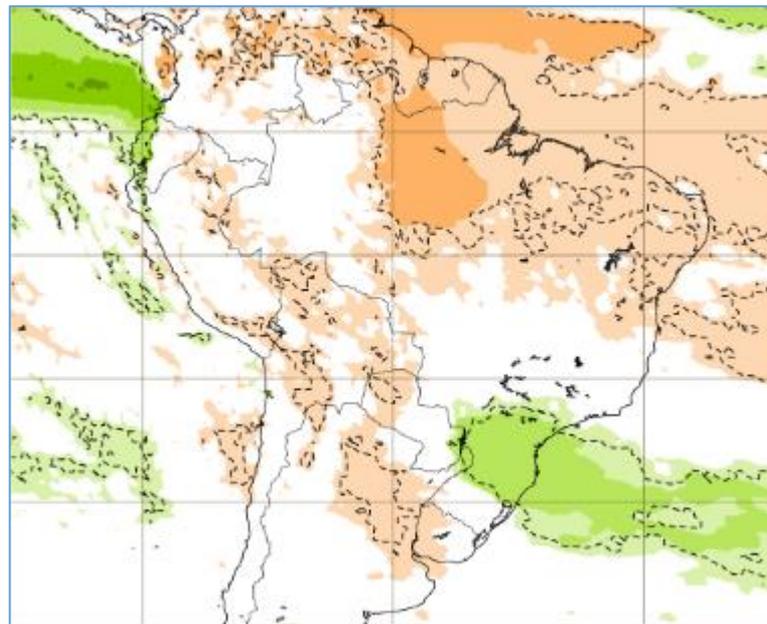


Tendência para 3ª e 4ª semanas

18-25/09

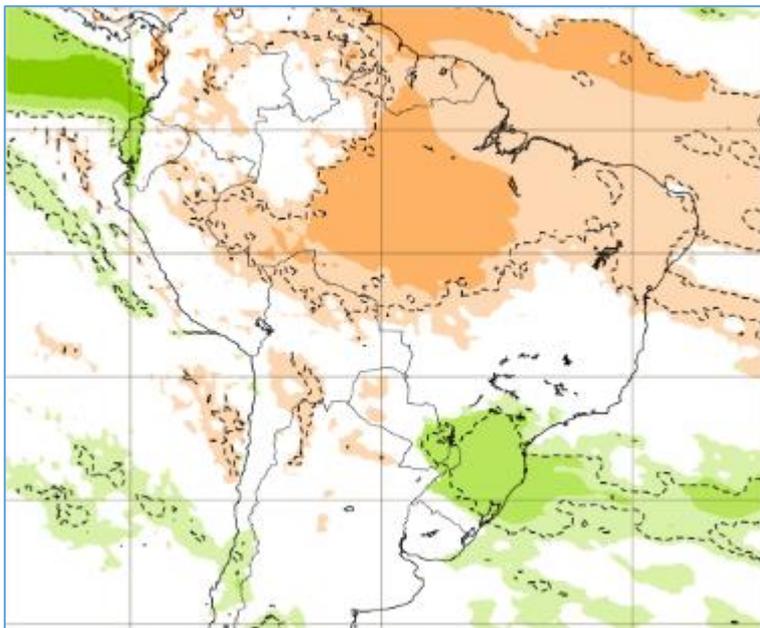


25/09-02/10

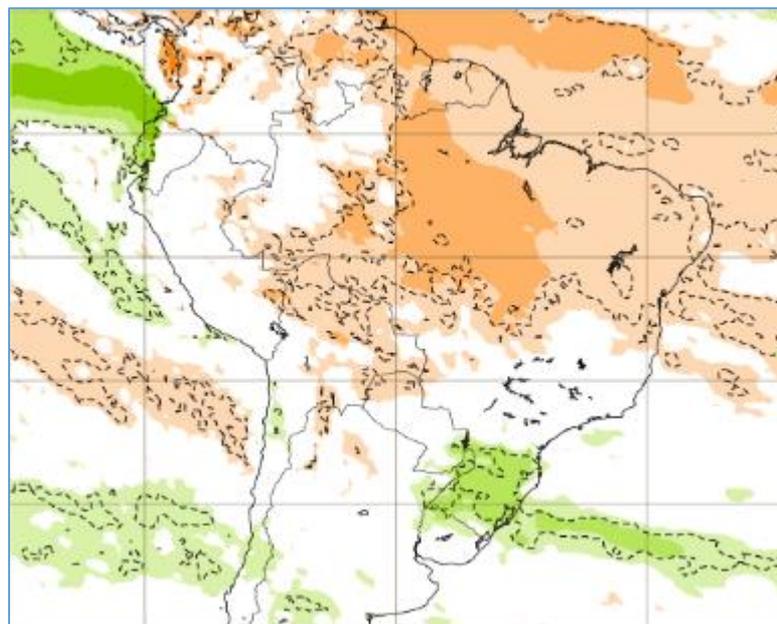


Tendência para 5ª e 6ª semanas

02-09/10

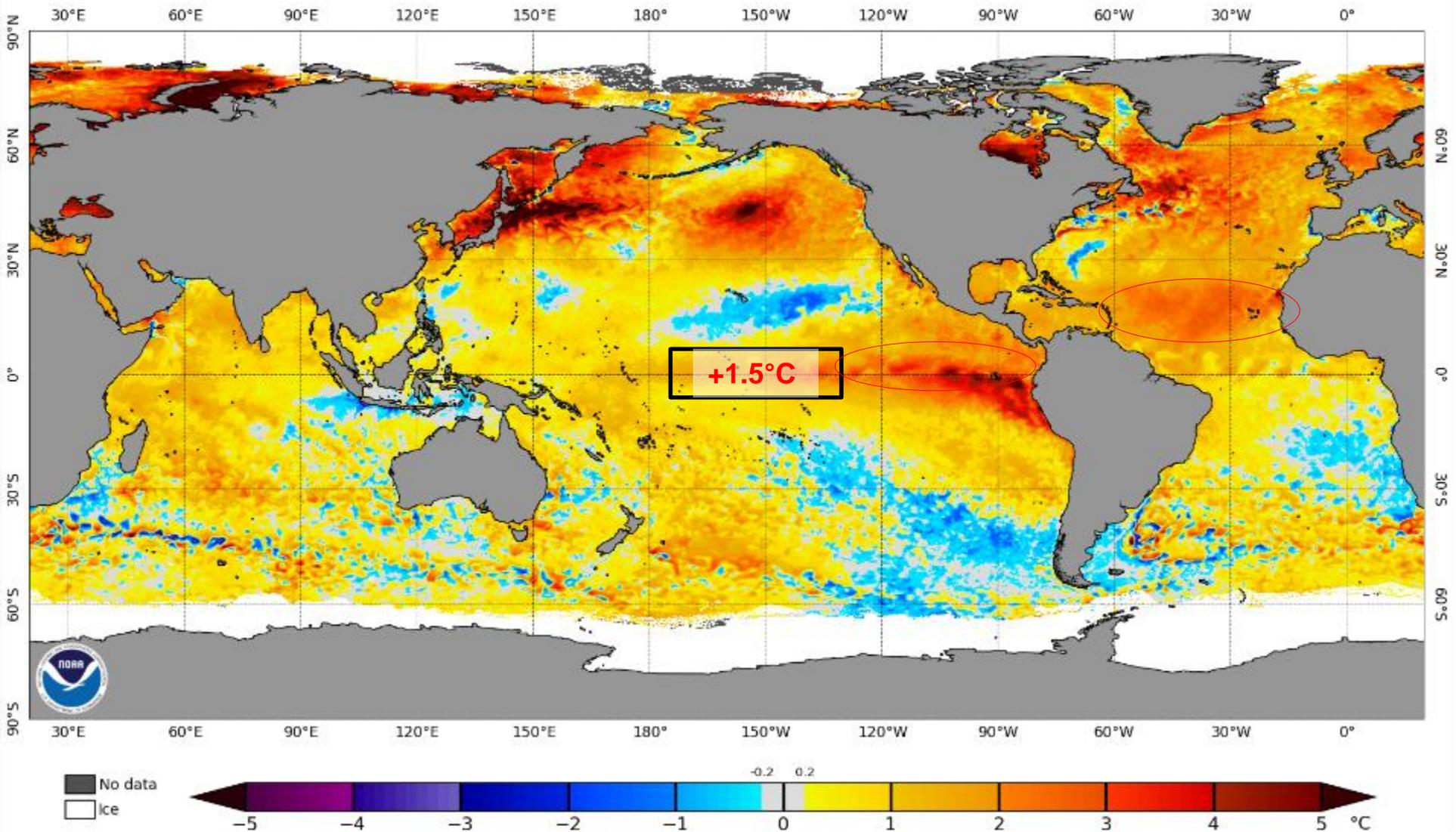


09-16/10

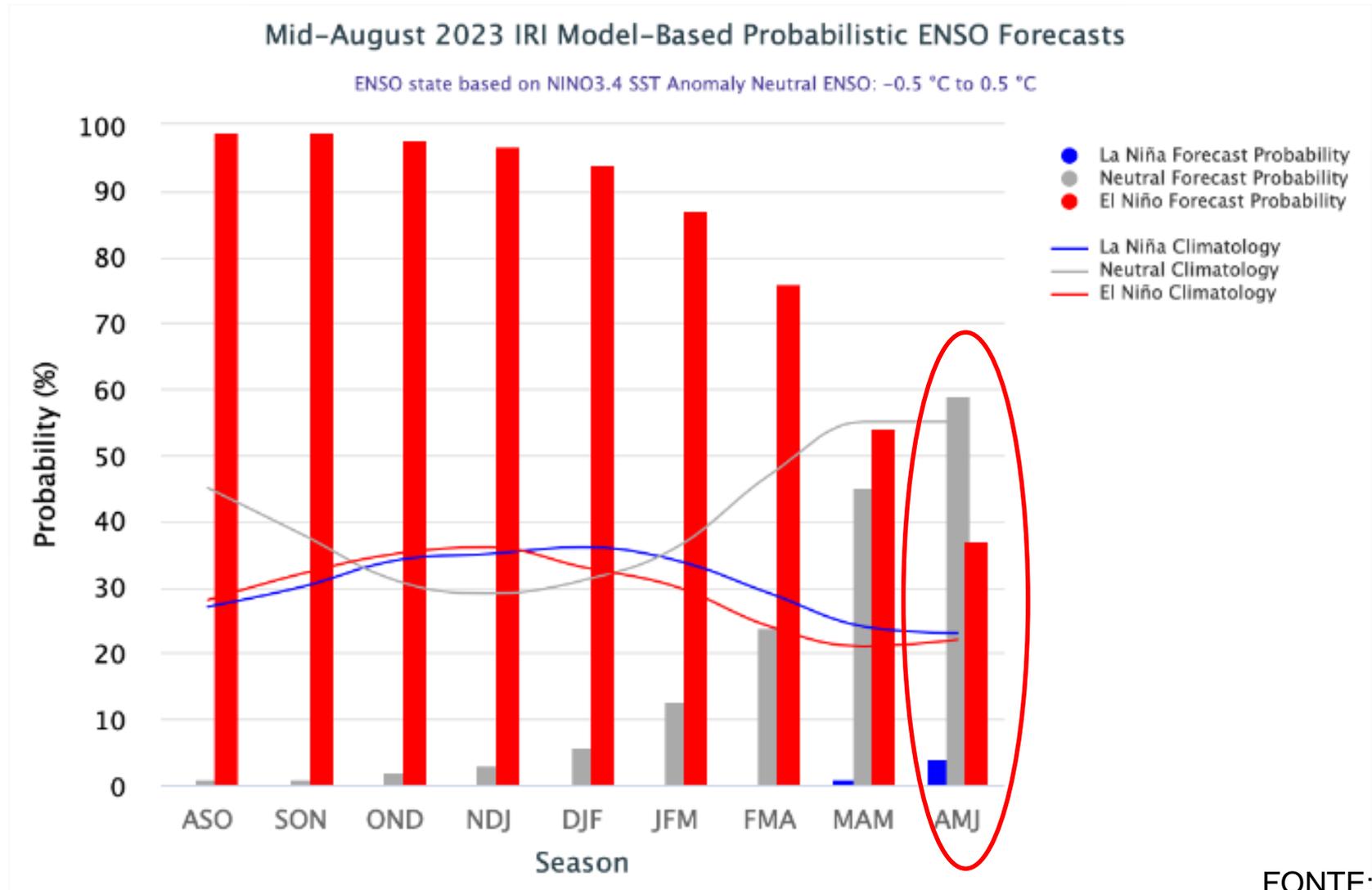


Status Atual: El Niño

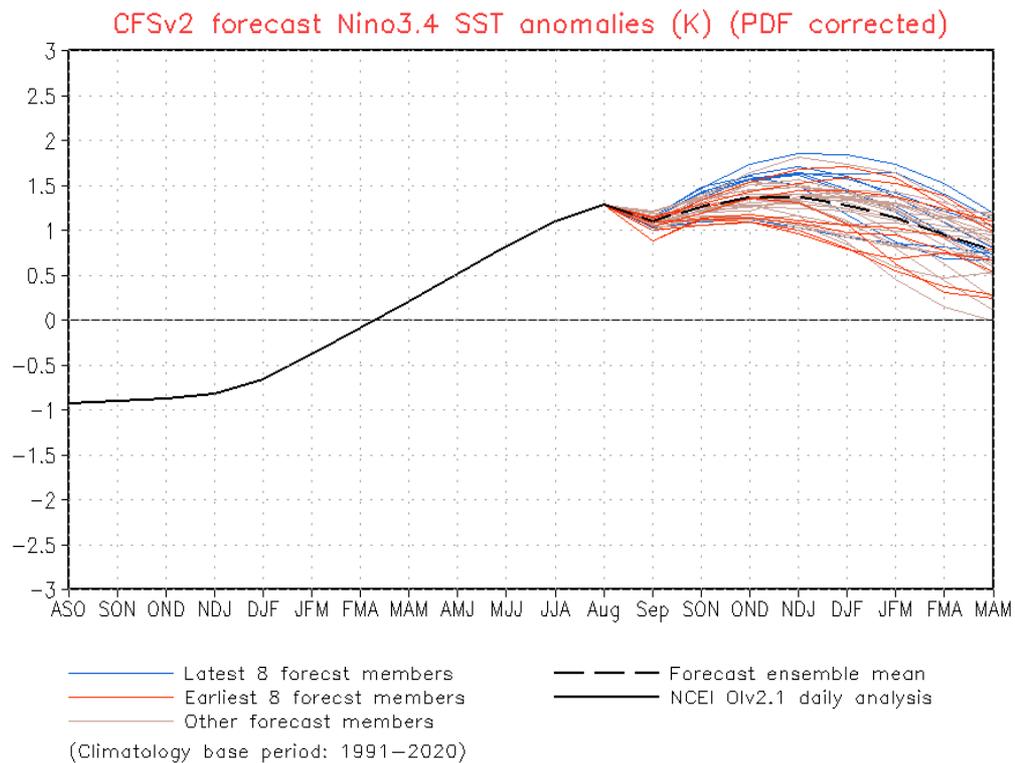
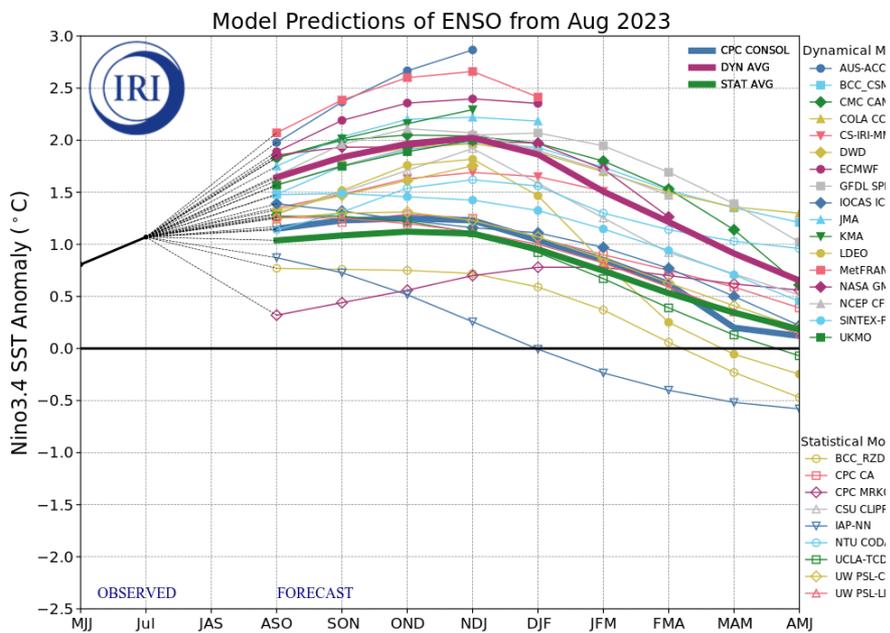
NOAA Coral Reef Watch Daily 5km SST Anomalies (v3.1) 3 Sep 2023



Previsão do “ENSO”



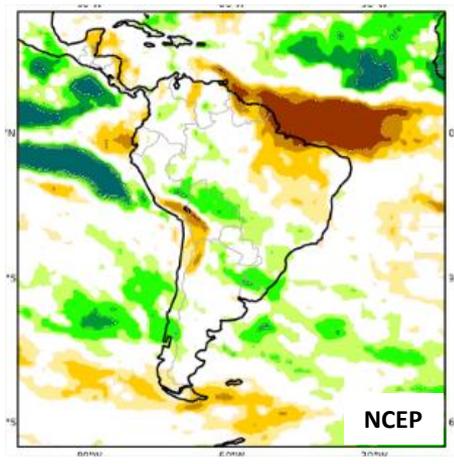
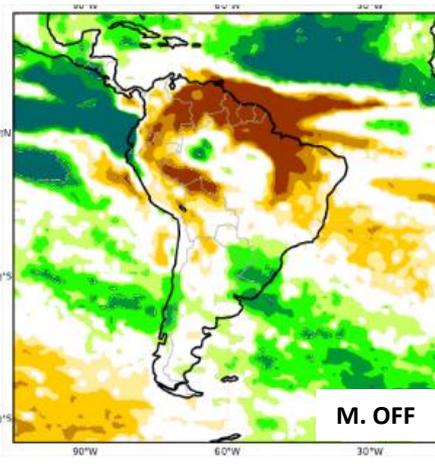
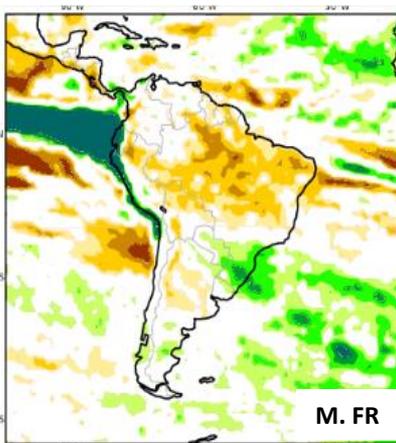
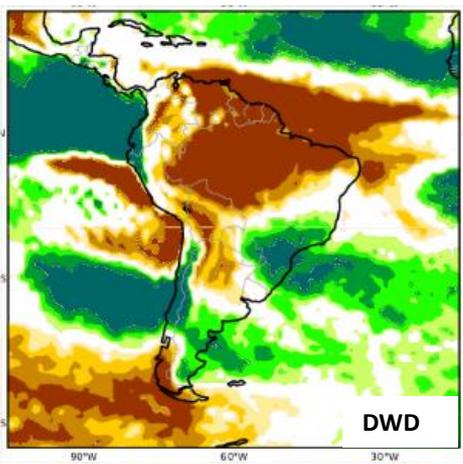
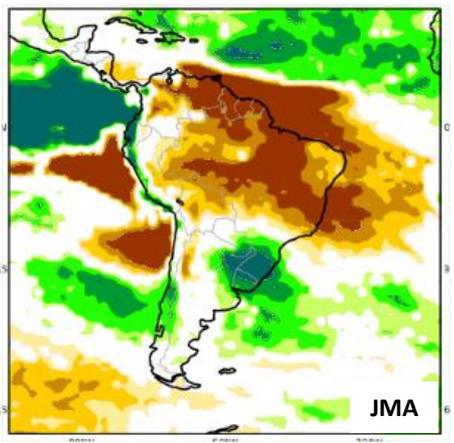
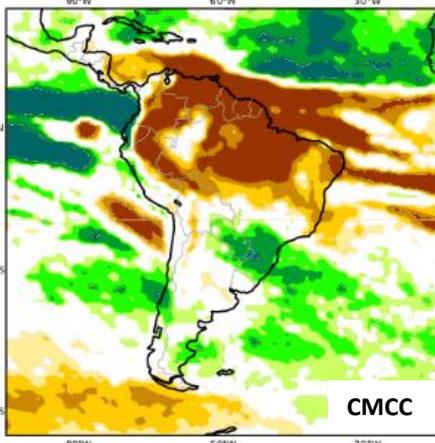
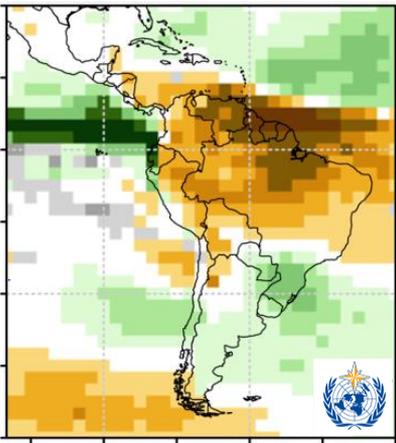
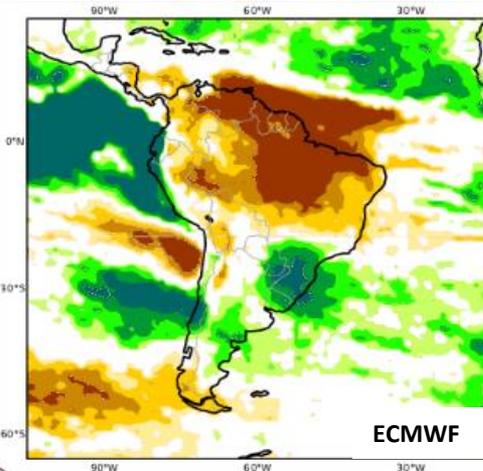
Previsão do “ENSO”



FONTE: NOAA

Atualizado: 04 de setembro de 2023

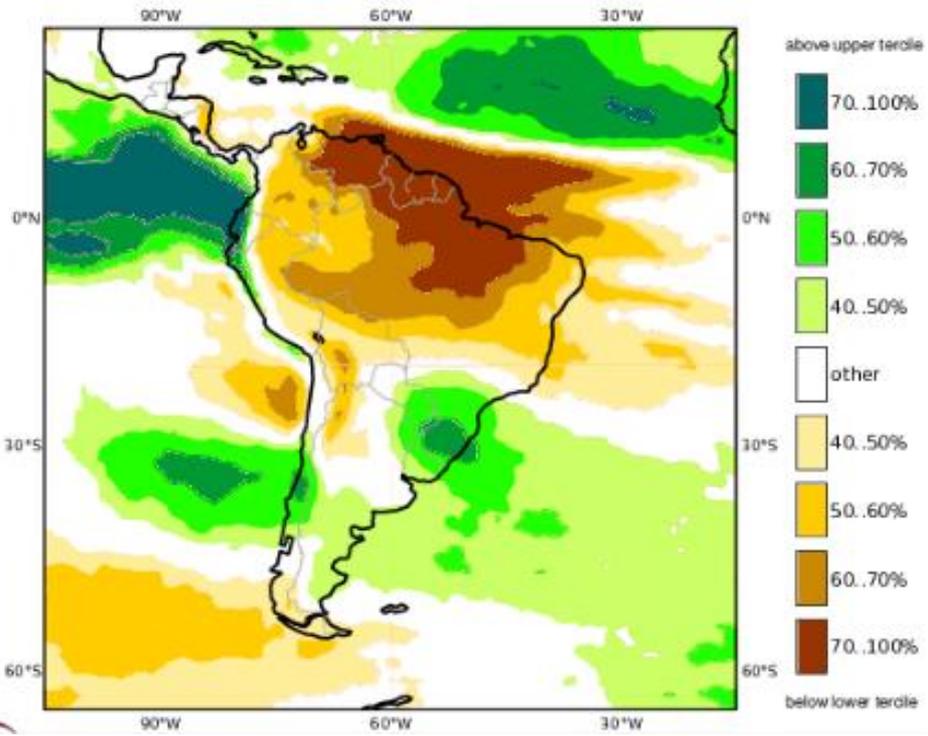
Previsão Sazonal de Chuva SON



Previsão Multi Modelo SON

C3S multi-system seasonal forecast
Prob(most likely category of precipitation)
Nominal forecast start: 01/08/23
Unweighted mean

SON 2023



NMME Precipitation Anomalies (mm/day)
Sep2023–Nov2023 August2023 initial conditions

