

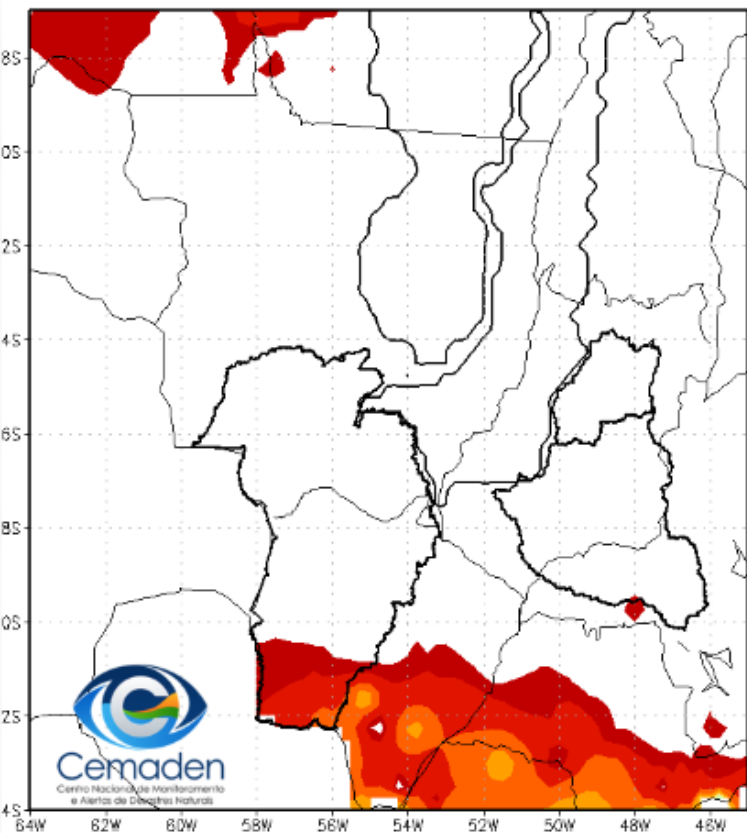


Monitoramento, previsões e impactos da situação de seca no Alto Paraguai

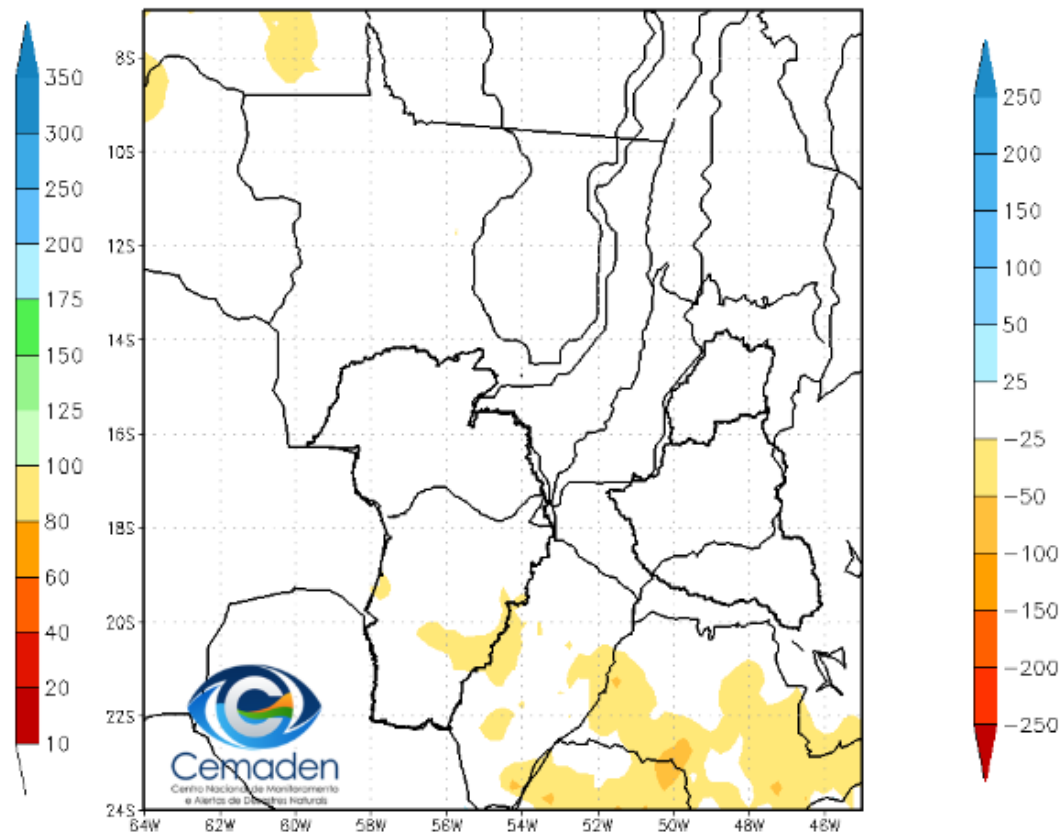
São José dos Campos, 06 Agosto de 2024

Precipitação nos últimos 30 dias

Precipitação Acumulada (mm) A.S.
Período: 06/07/2024 a 05/08/2024

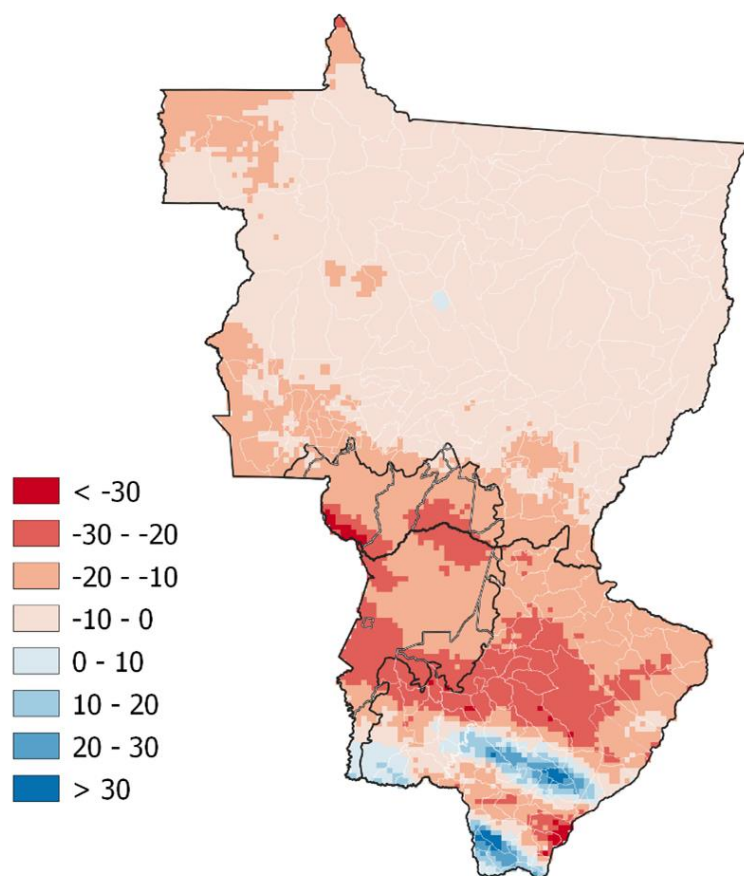


Anomalia de Precipitação (mm) A.S.
Período: 06/07/2024 a 05/08/2024

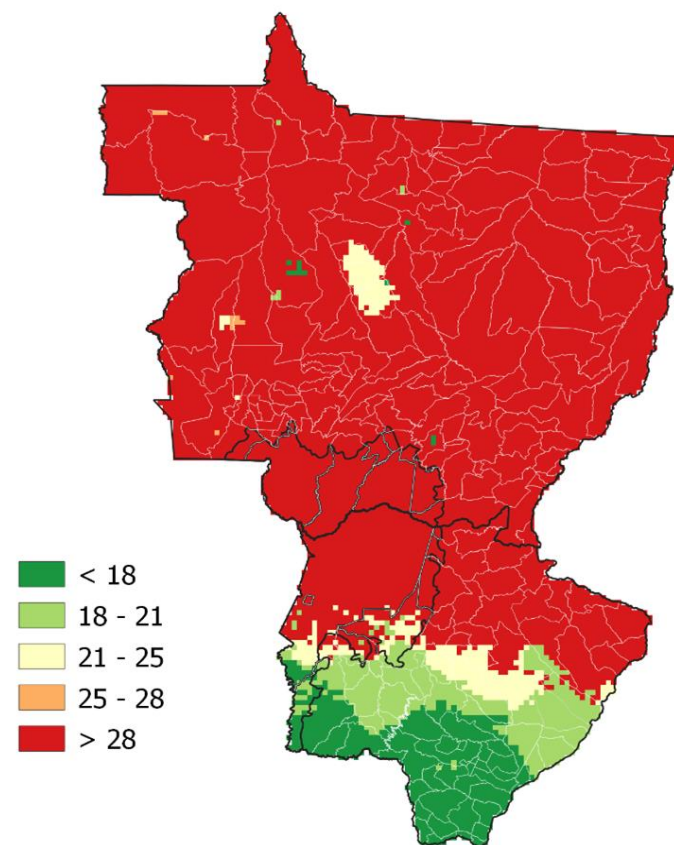


PRECIPITAÇÃO: JULHO/2024

ANOMALIA (MM)

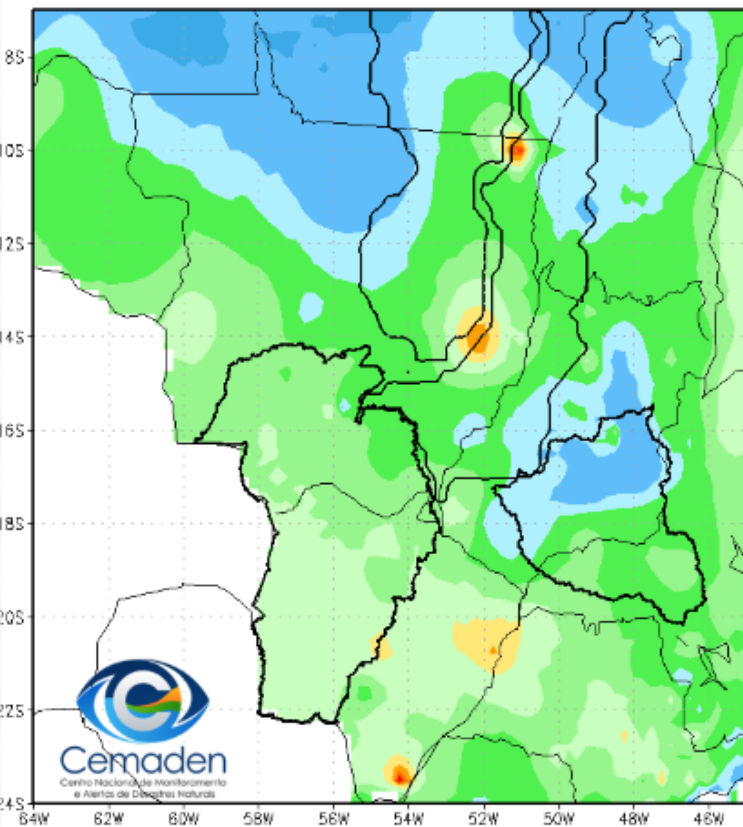


DIAS CONSECUTIVOS SEM

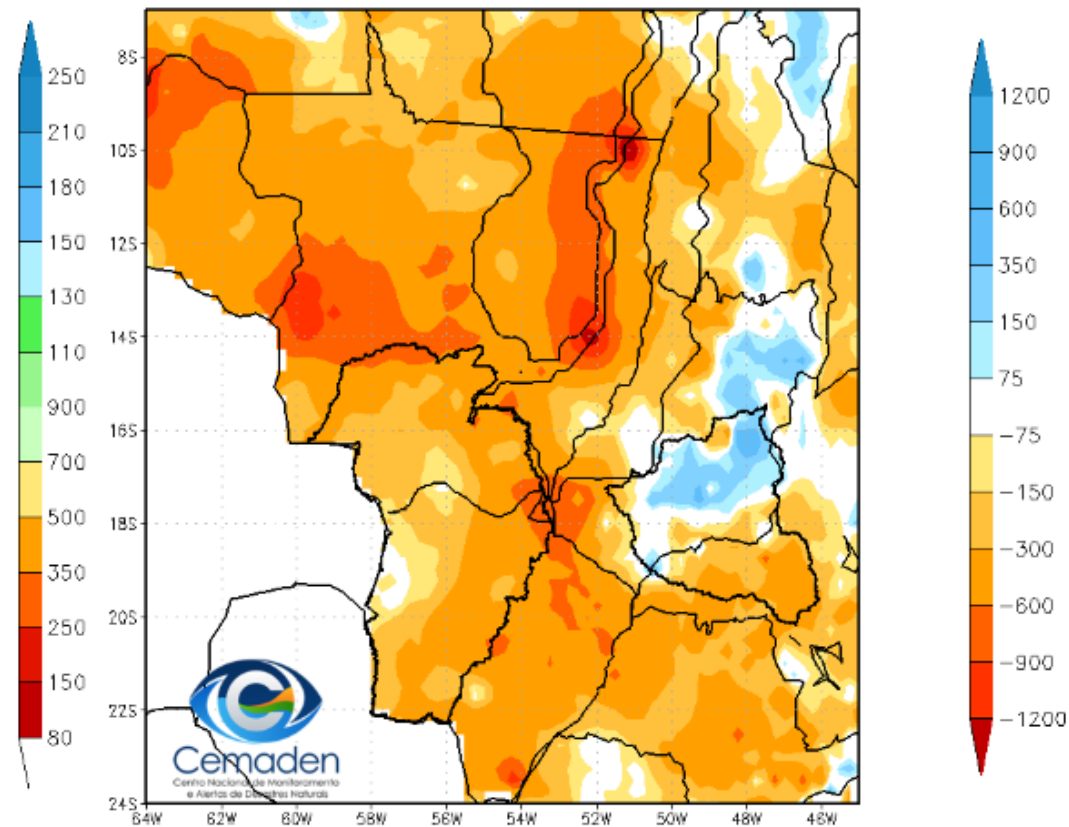


Precipitação no Ano Hidrológico

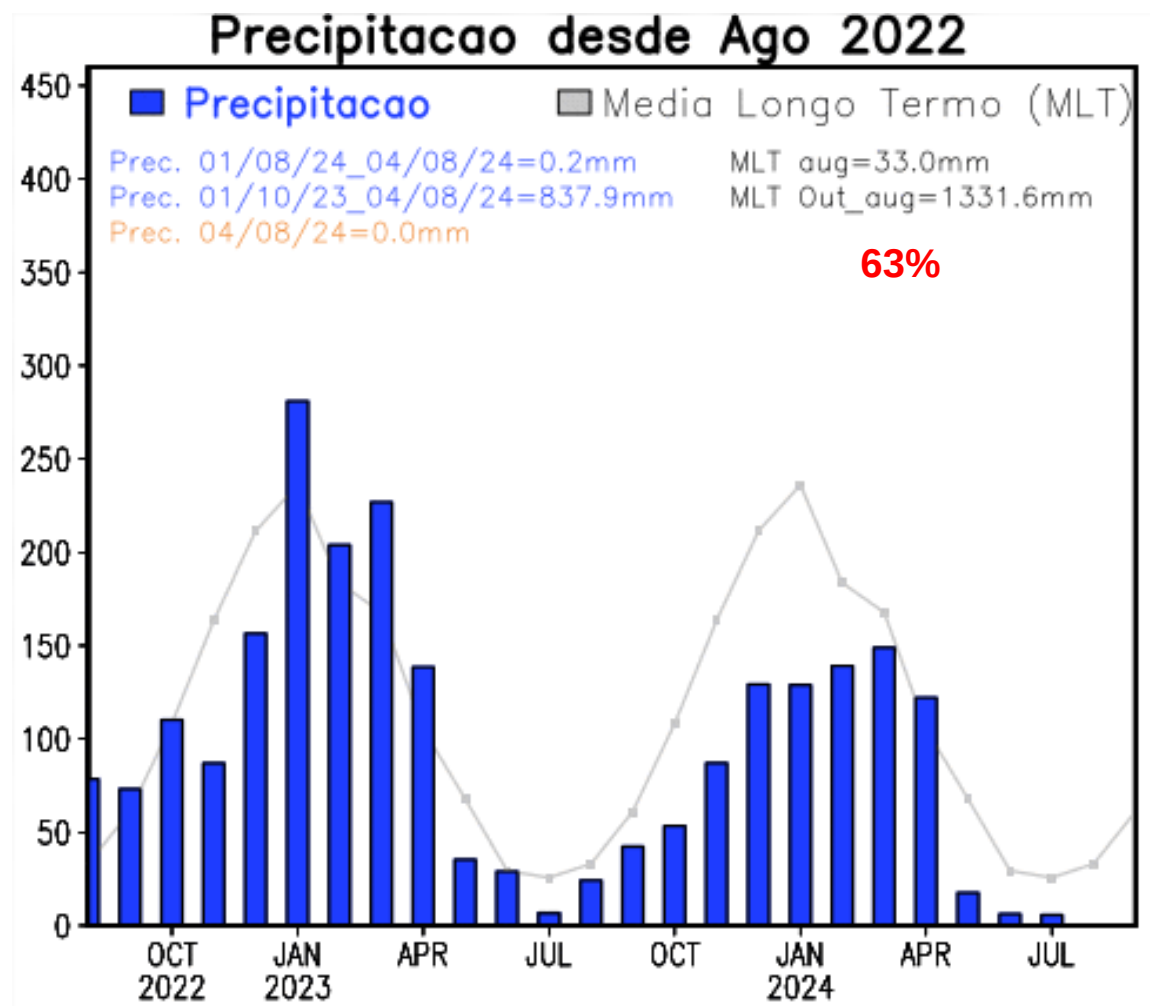
Precipitação Acumulada (mm) A.S.
Período: 01/10/2023 a 05/08/2024



Anomalia de Precipitação (mm) A.S.
Período: 01/10/2023 a 05/08/2024

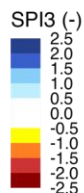
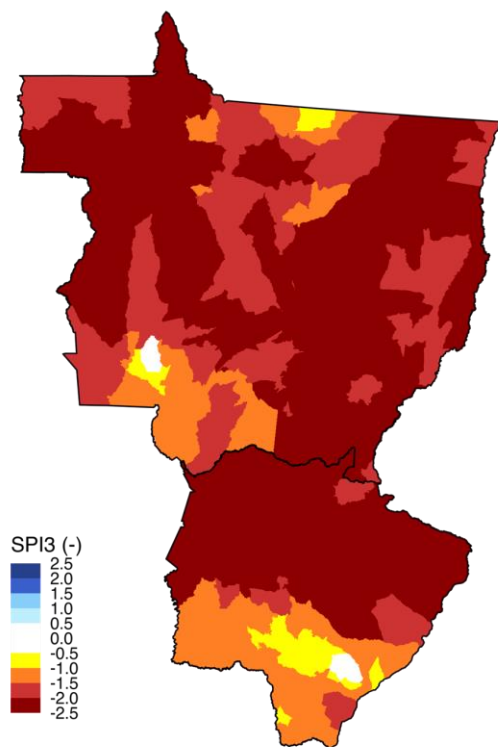


Precipitação nos últimos dois anos



SPI: JULHO 2024

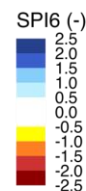
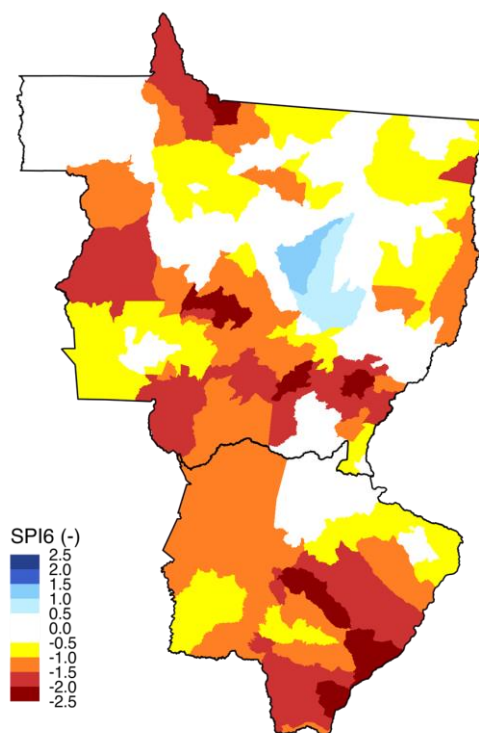
SPI-03



Julho 2024
Índice Padronizado de Precipitação (SPI, 3 meses)
Fonte: Cemaden/MCTI.



SPI-06

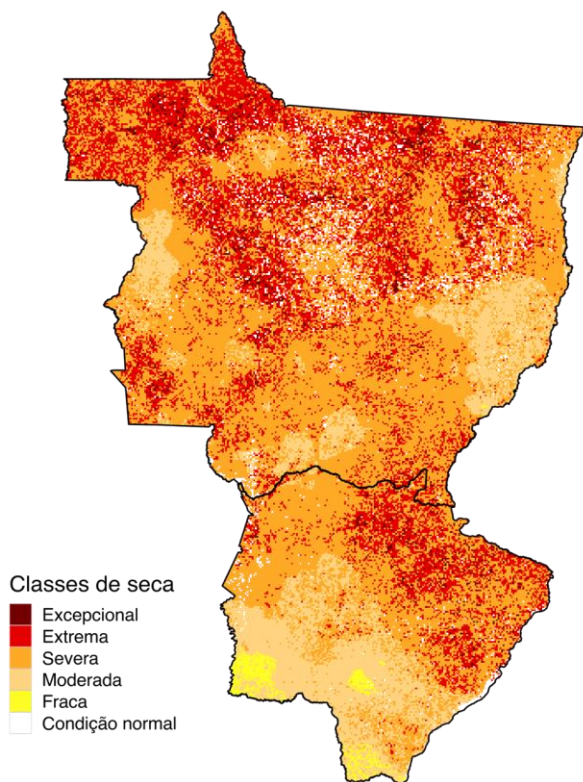


Julho 2024
Índice Padronizado de Precipitação (SPI, 6 meses)
Fonte: Cemaden/MCTI.

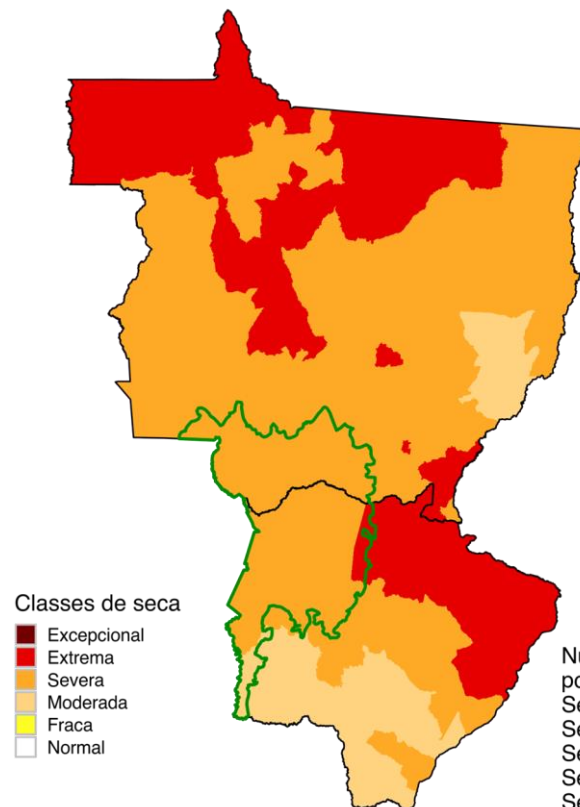


ÍNDICE INTEGRADO DE SECA - PREVISÃO (SPI3+ VHI + AUS): AGOSTO/2024

IIS 3 MESES



Agosto 2024
Previsão do Índice Integrado de Seca (SPI3 previsão, VHI3, US3)
Fonte: Cemaden/MCTI.



Número de municípios
por classes de seca

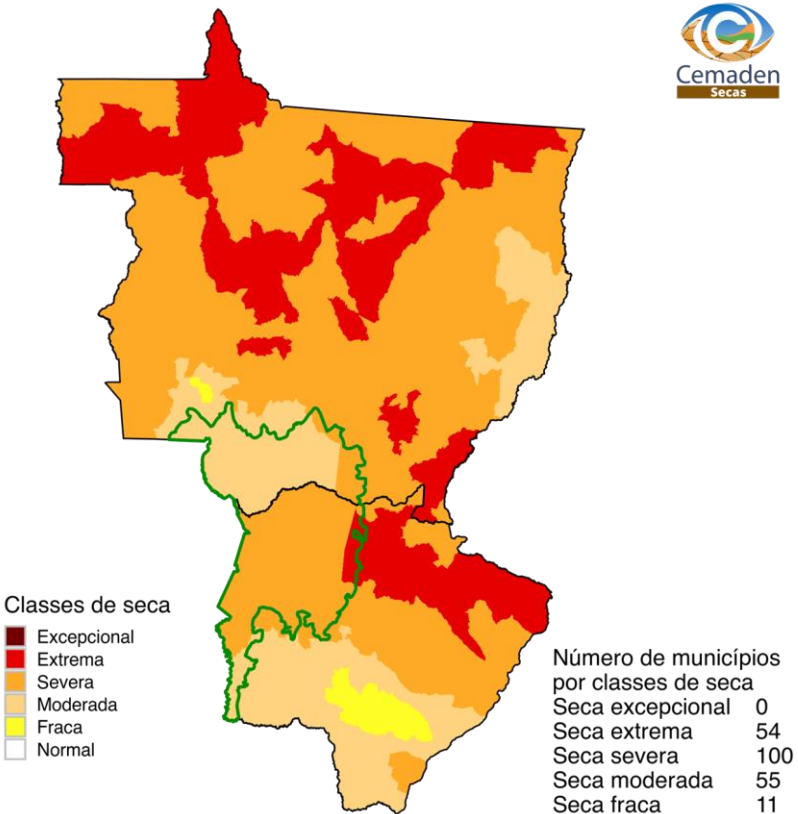
Seca excepcional	0
Seca extrema	64
Seca severa	114
Seca moderada	42
Seca fraca	0

Agosto 2024
Previsão do Índice Integrado de Seca (SPI3 previsão, VHI3, US3)
Fonte: Cemaden/MCTI.

ÍNDICE INTEGRADO DE SECA - IIS

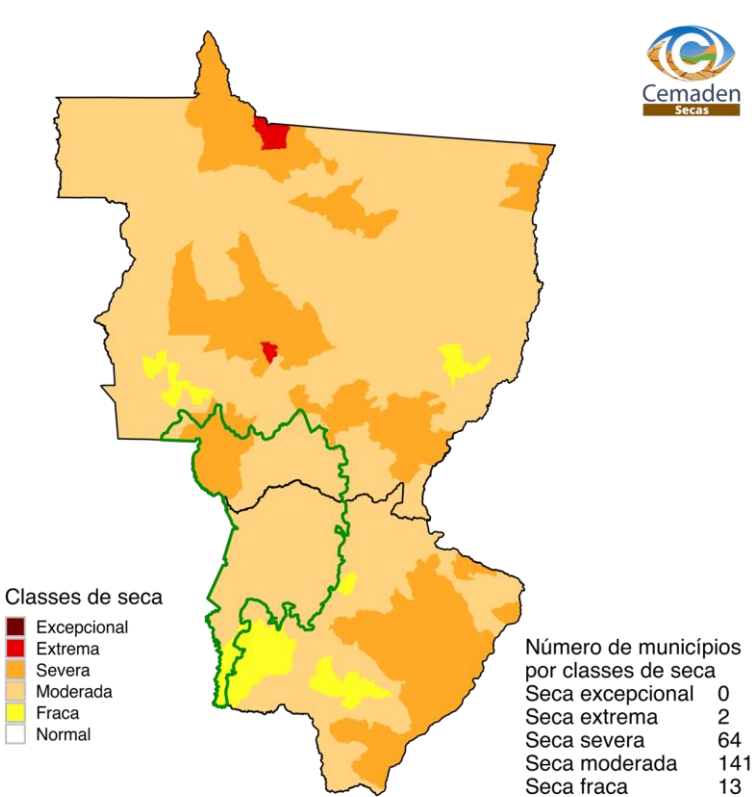
(SPI3 E 6 + VHI + AUS): JUNHO/2024

IIS 3 MESES



Julho 2024
Índice Integrado de Seca (SPI3, VHI, US)
Fonte: Cemaden/MCTI.

IIS 6 MESES

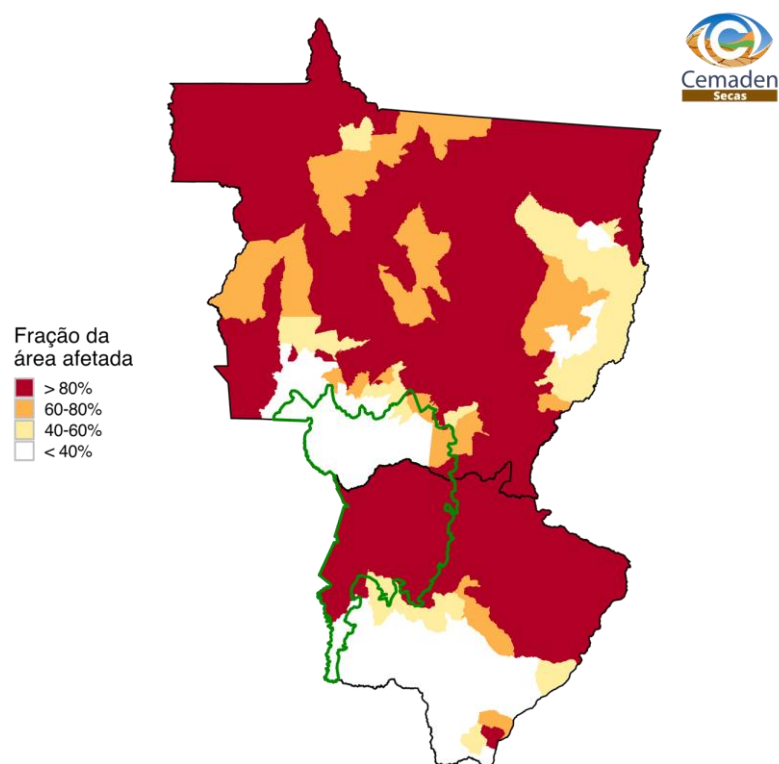


Julho 2024
Índice Integrado de Seca (SPI6, VHI, US)
Fonte: Cemaden/MCTI.

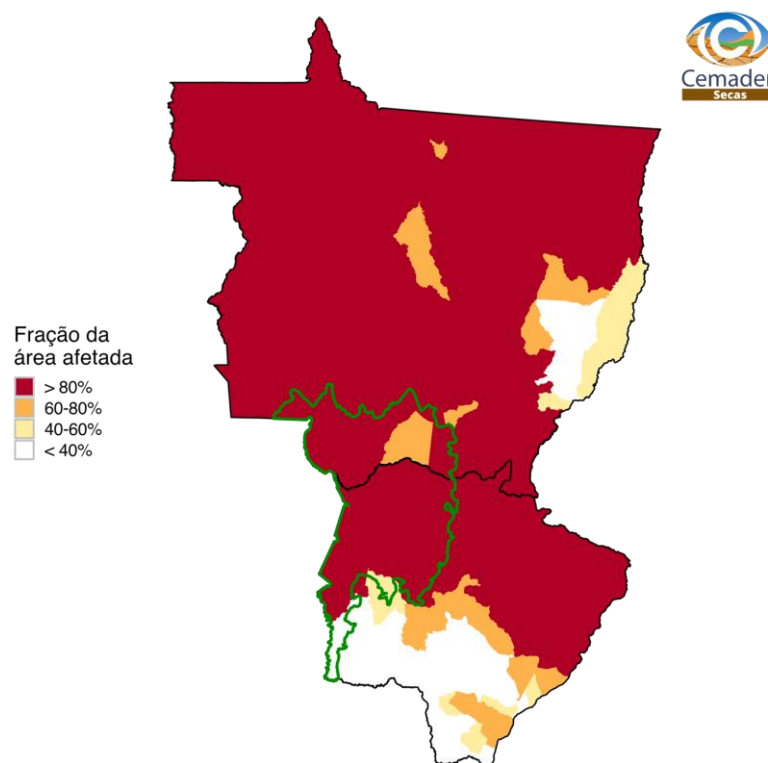
ÁREAS DE PASTAGENS E AGRÍCOLAS AFETADAS PELA SECA

OBSERVADO

PREVISTO (30 DIAS)



Julho 2024
Fração da área agroprodutiva afetada pela seca
Fonte: Cemaden/MCTI.



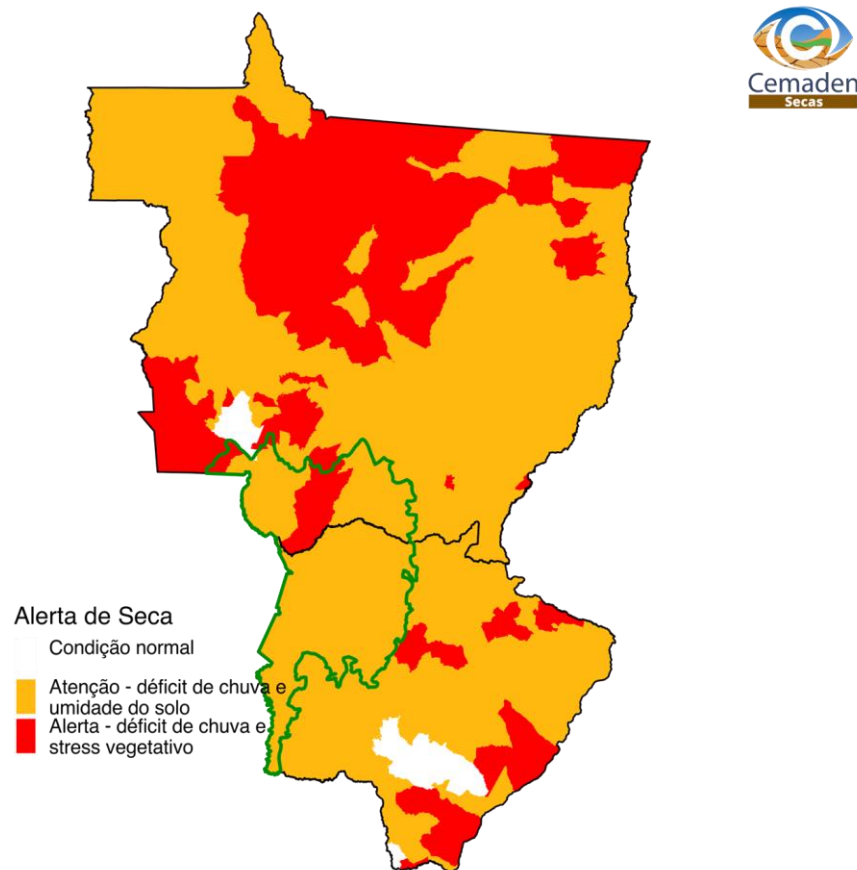
Agosto 2024
Fração da área agroprodutiva afetada pela seca - Previsão
Fonte: Cemaden/MCTI.

Fonte: CEMADEN

Estimativa a partir dos dados do Cadastro Ambiental Rural para minifúndios, pequenas e médias propriedades e IIS-3, Desenvolvimento e Processamento (CEMADEN).

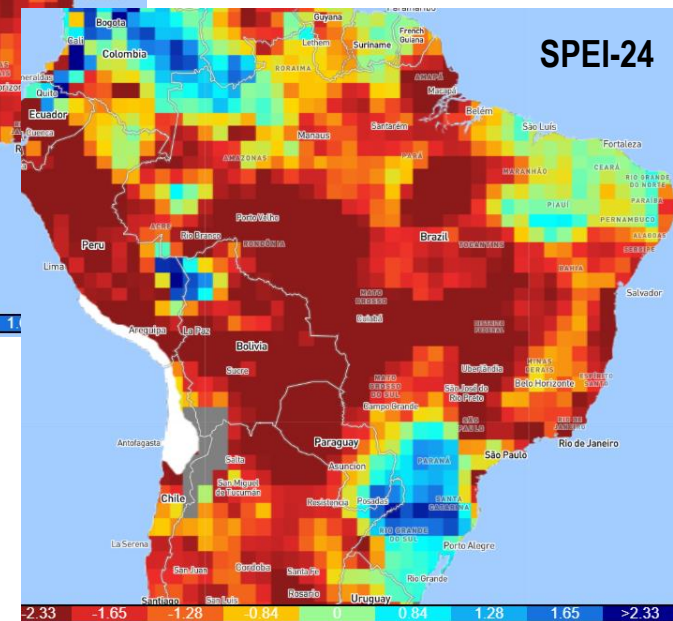
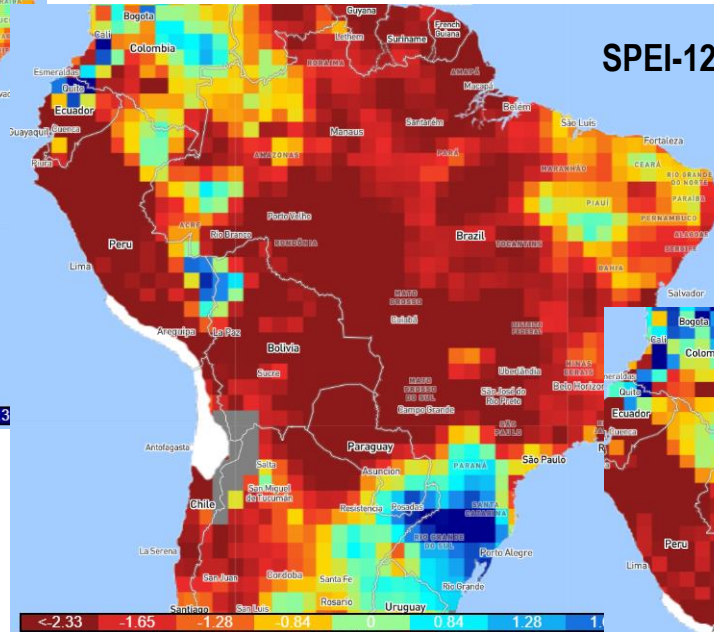
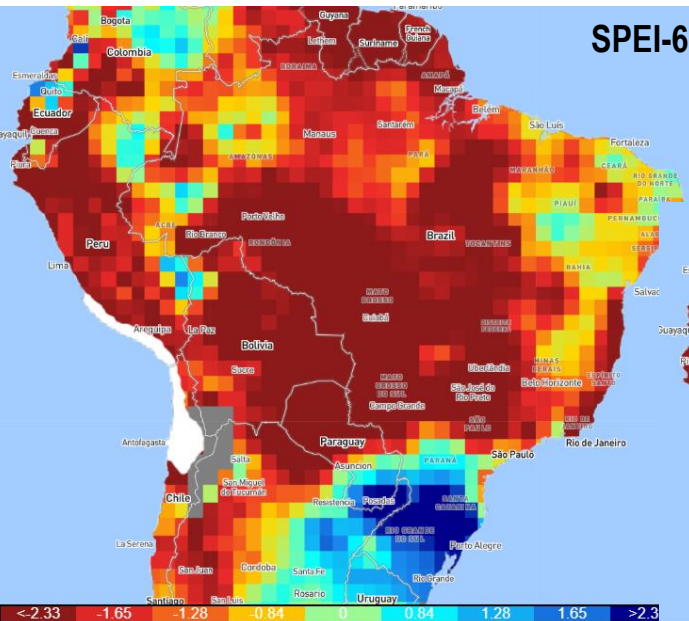
PROGRESSÃO INCREMENTAL DAS CONDIÇÕES DE SECA (PICS)

JULHO/2024



Julho 2024
Propagação Incremental das Condições de Seca (PICS)
Fonte: Cemaden/MCTI.

Índice Padronizado de Precipitação – Evapotranspiração Potencial – SPEI



Seca Hidrológica na bacia do Rio Paraguai – Centro Oeste

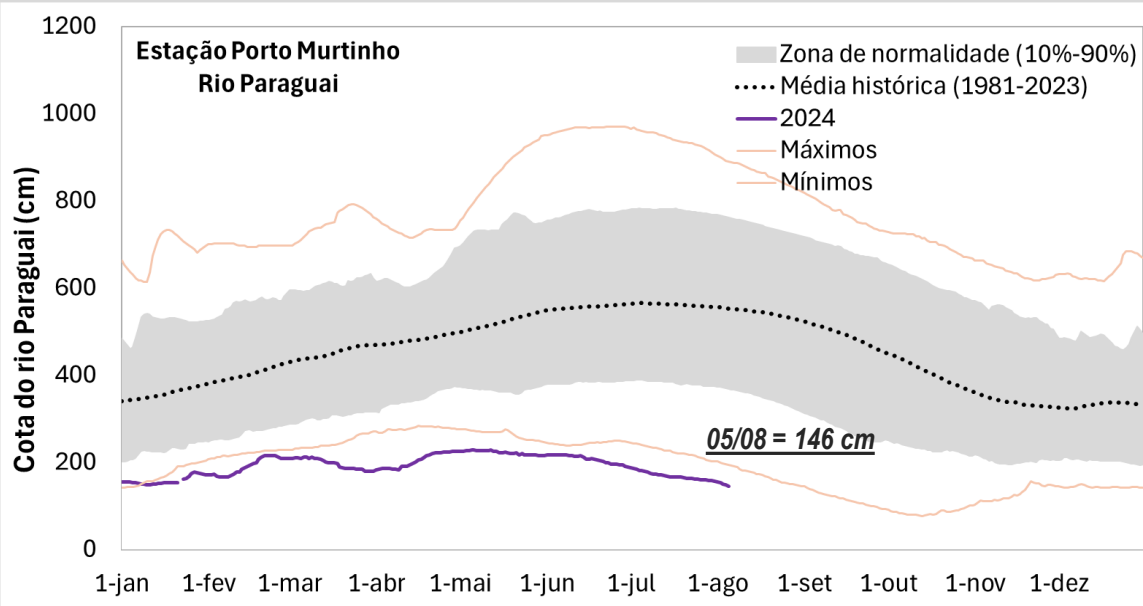
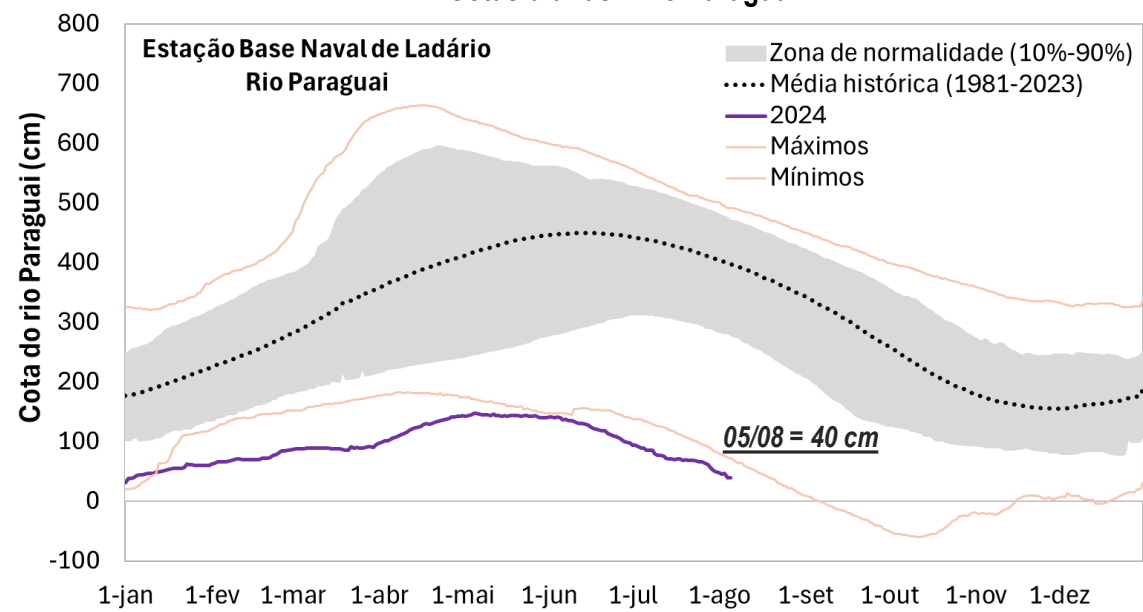
Índice Padronizado Bivariado (Chuva-Cota) – TSI
12 meses



Valores médios mensais

Estação	Cota média Junho	Cota média Julho	% da MLT Julho
Ladário	124 cm	74 cm	17%
P. Murtinho	208 cm	169 cm	30%

Cotas diárias - Rio Paraguai

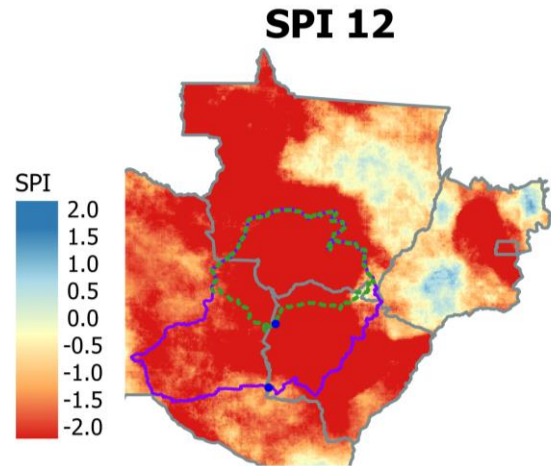


Fonte dos dados: CHIRPS (Precipitação) e Marinha do Brasil e ANA (Cotas)

Estimativa TSI e Gráficos: CEMADEN

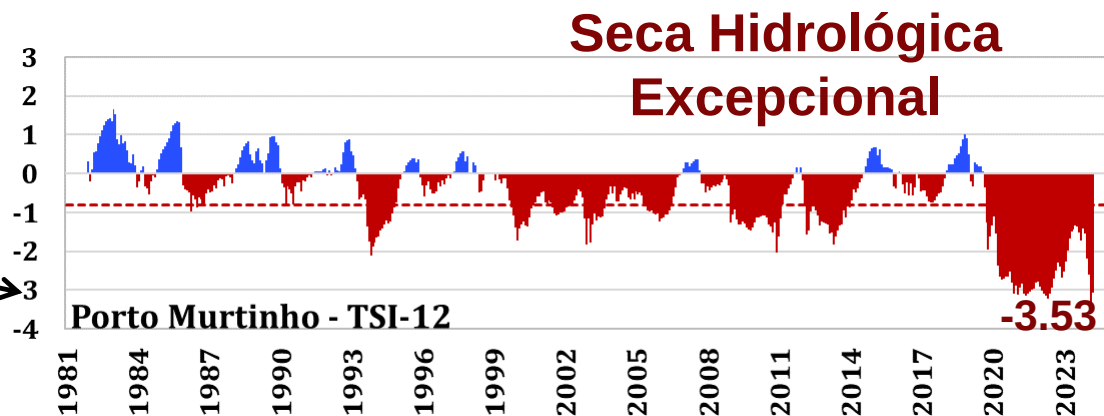
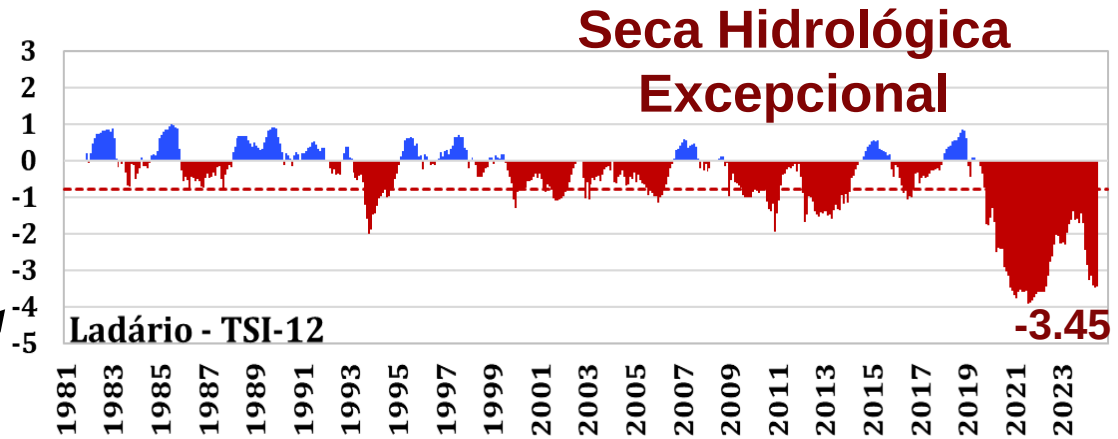
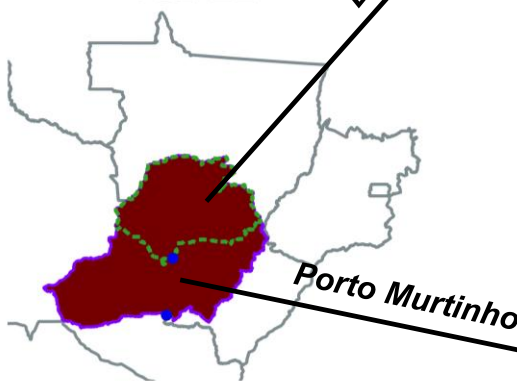
Seca Hidrológica na bacia do Rio Paraguai – Centro Oeste

Índice Padronizado Bivariado (Chuva-Cota) - TSI (Two-variate Standardized Index – Escala de 12 meses)

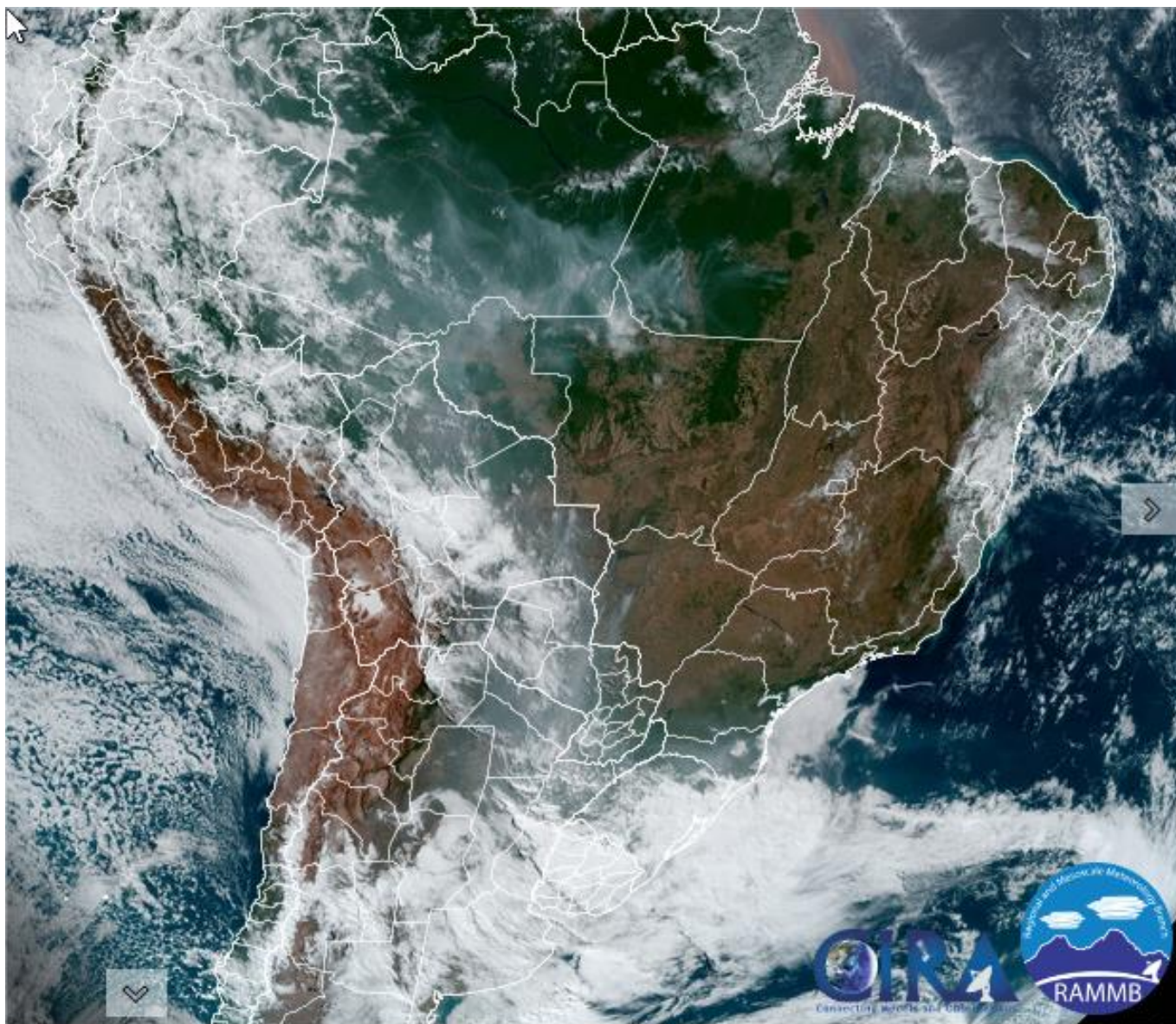


TSI 12

- Condição Normal
- Seca Fraca
- Seca Moderada
- Seca Severa
- Seca Extrema
- Seca Excepcional

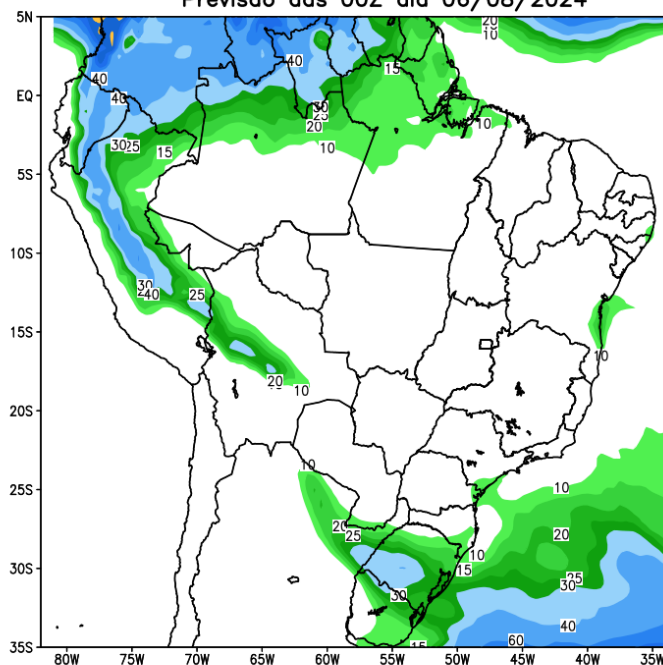


Situação meteorológica atual

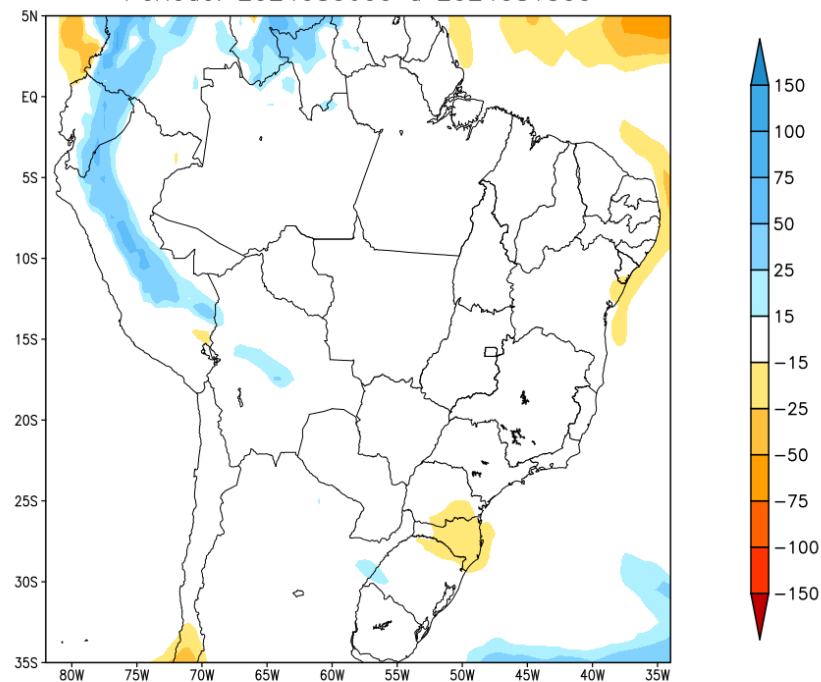


Previsão para as próxima semana

GEFS / BRASIL
Precipitação acumulada 1aSem (mm)
Previsão das 00Z dia 06/08/2024

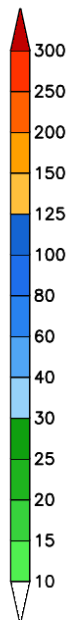
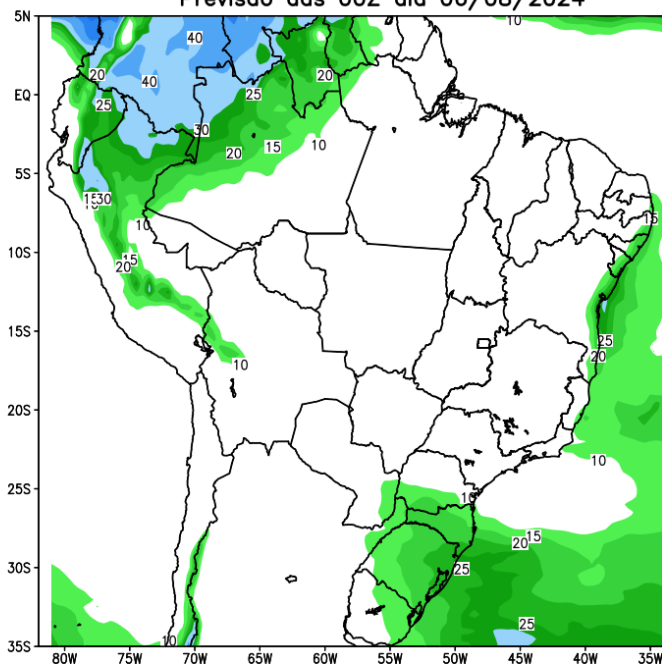


Anomalia de Precipitação BR (mm)
Período: 2024080600 a 2024081300

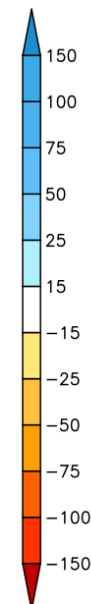
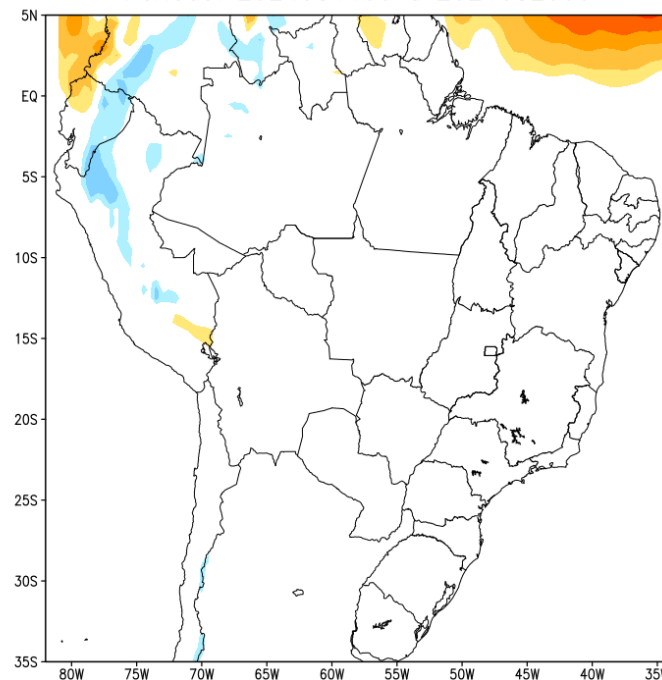


Tendência para a segunda semana

GEFS / BRASIL
Precipitação acumulada 2aSem (mm)
Previsão das 00Z dia 06/08/2024

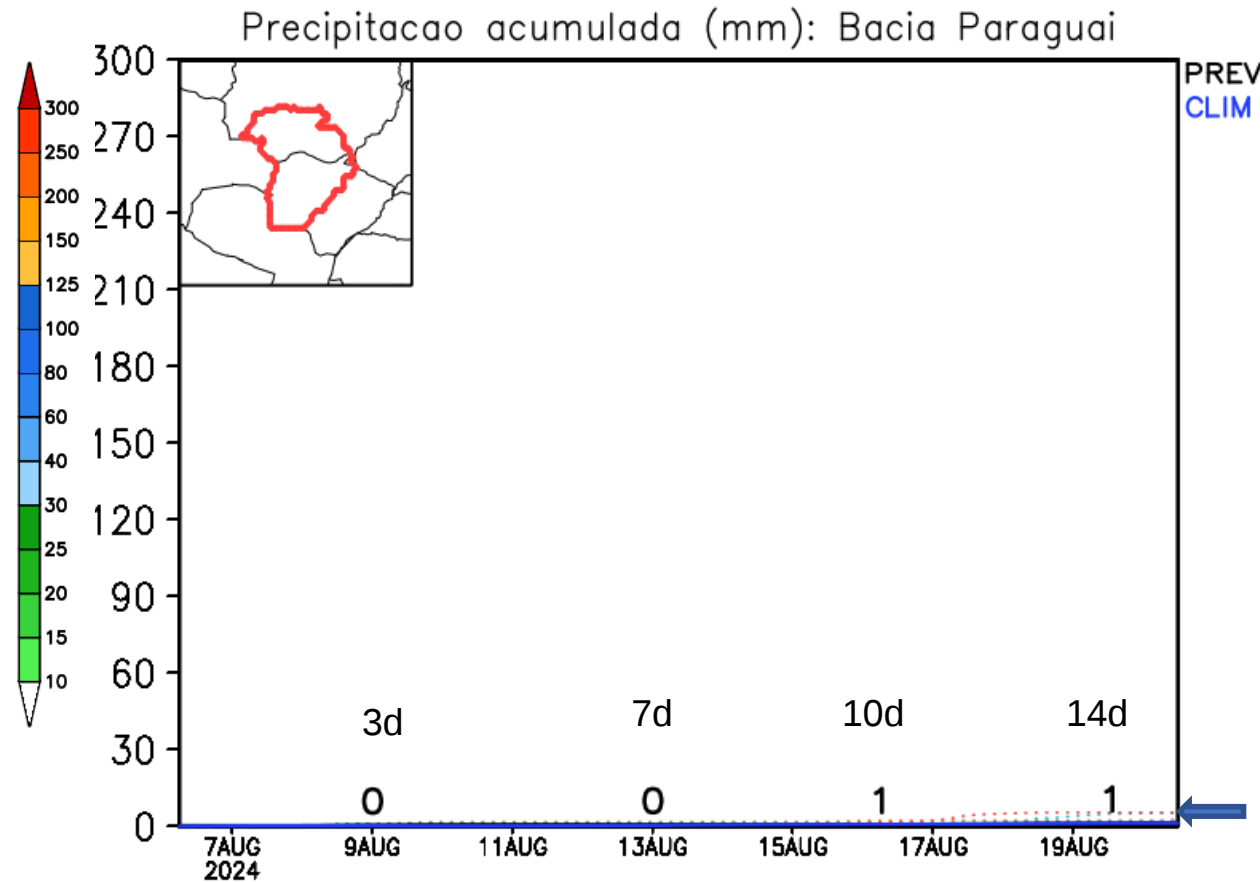
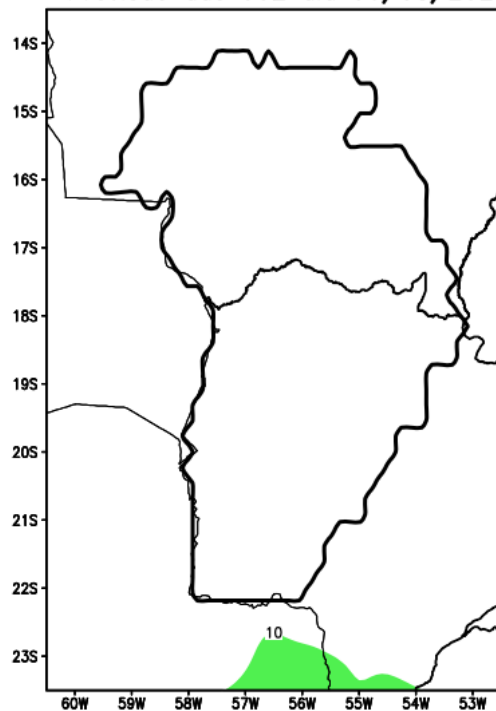


Anomalia de Precipitação BR (mm)
Período: 2024081400 a 2024082000

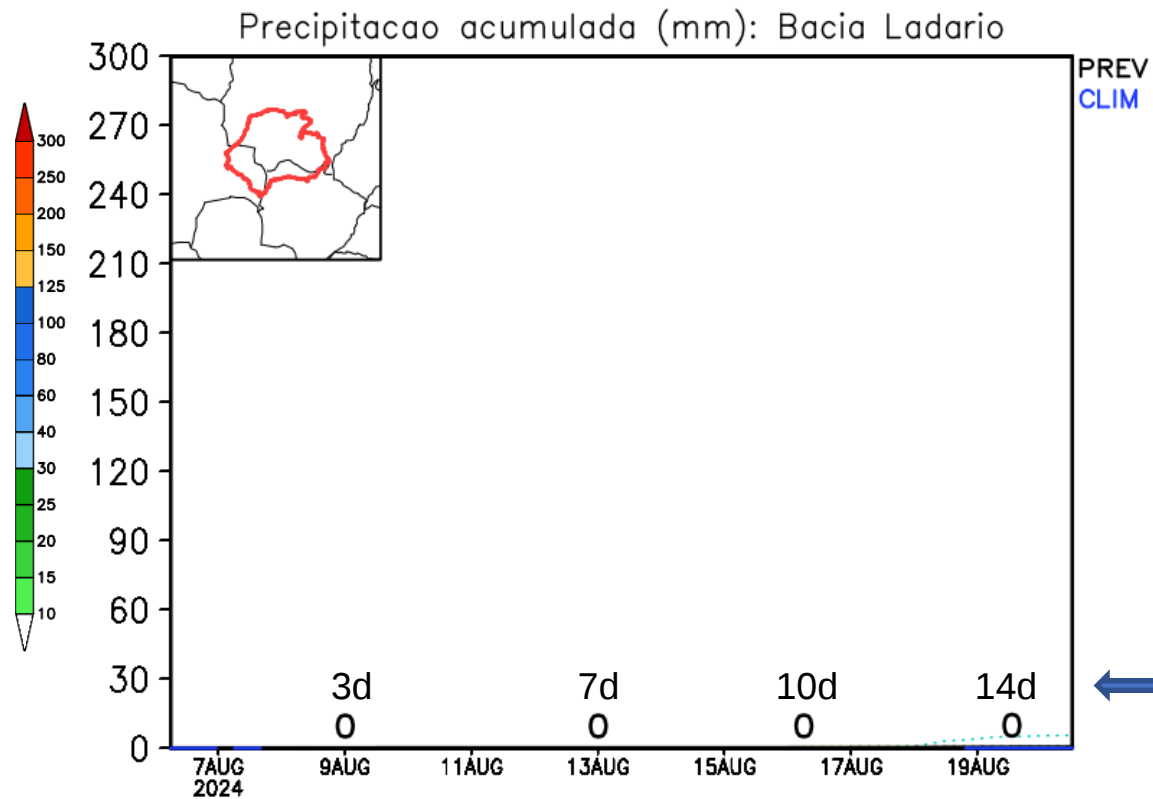
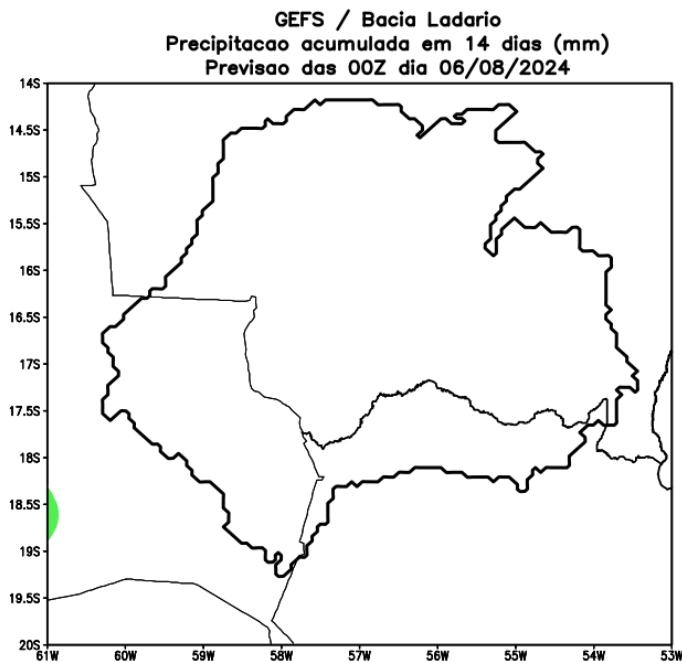


Previsão de chuva Bacia do Alto Paraguai

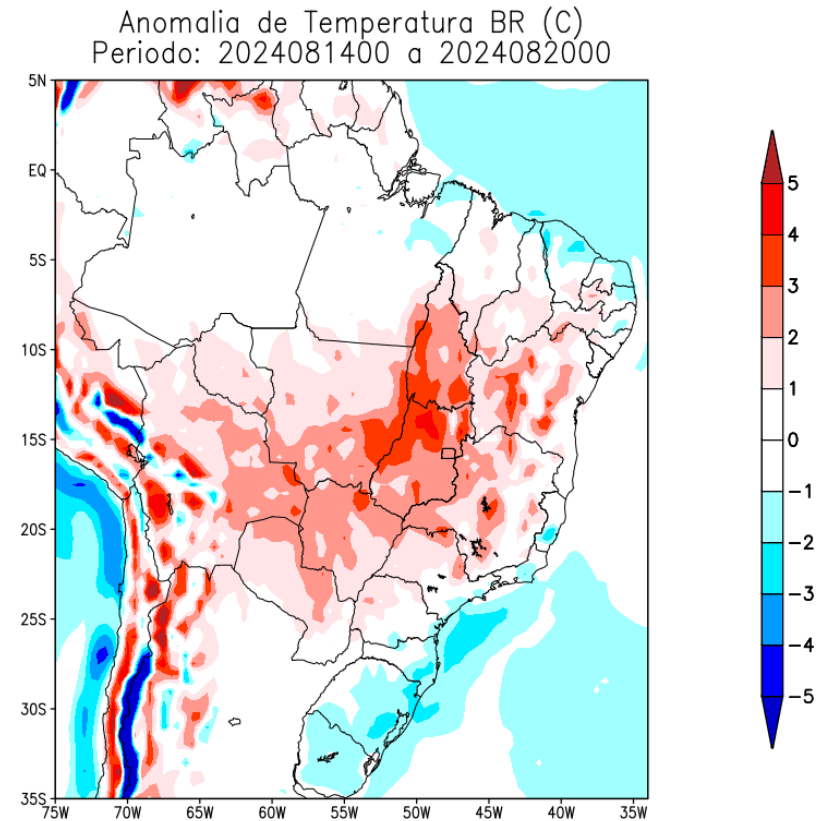
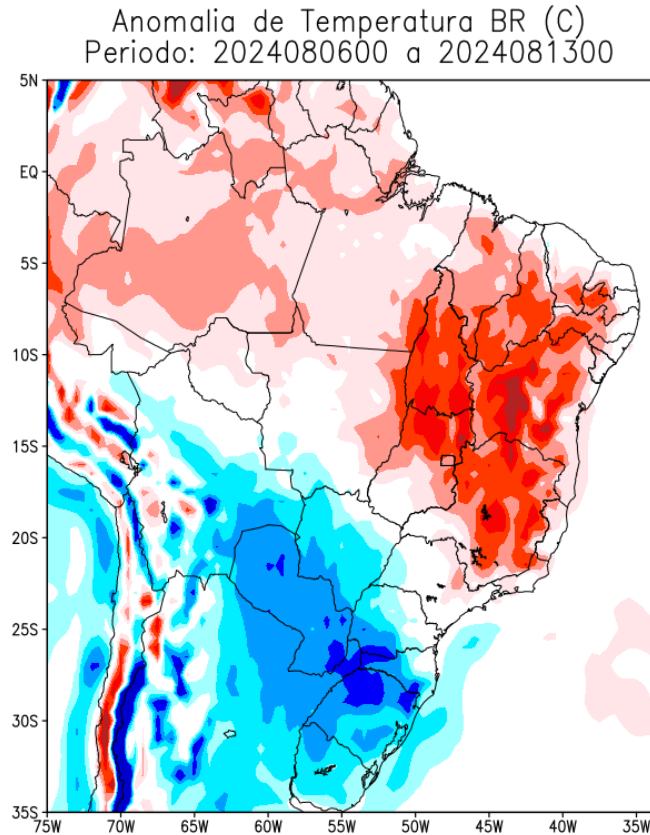
GEFS / Bacia do Rio Paraguai
Precipitação acumulada em 15 dias (mm)
Previsão das 00Z dia 06/08/2024



Previsão de chuva sub Bacia de Ladario



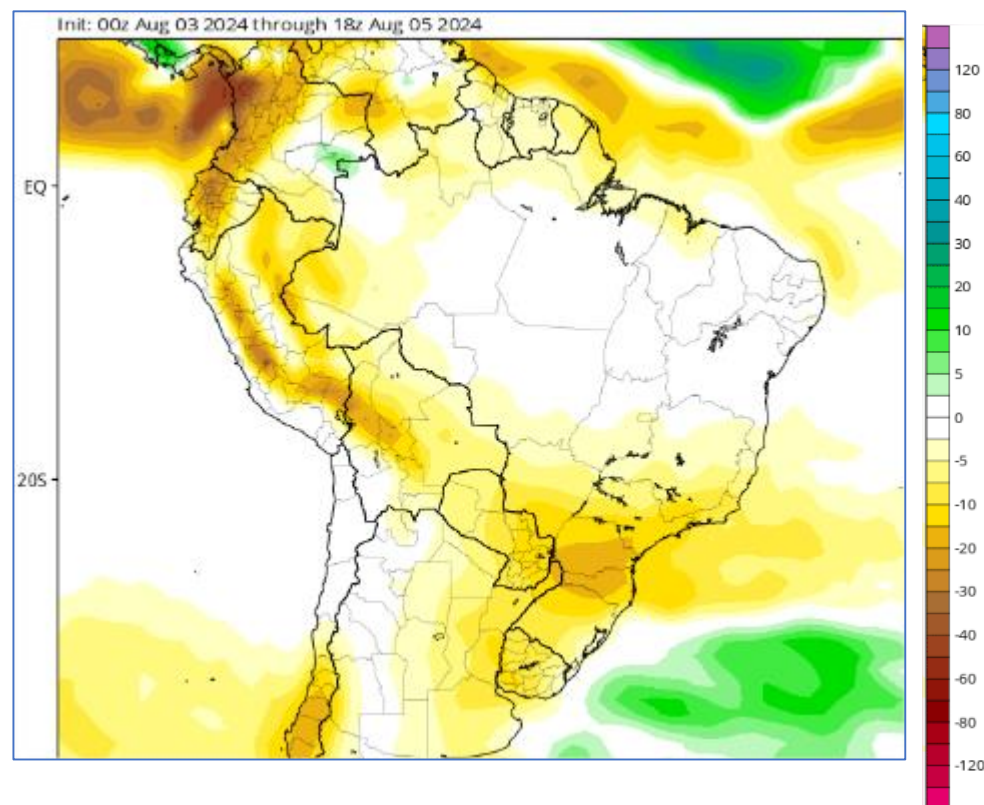
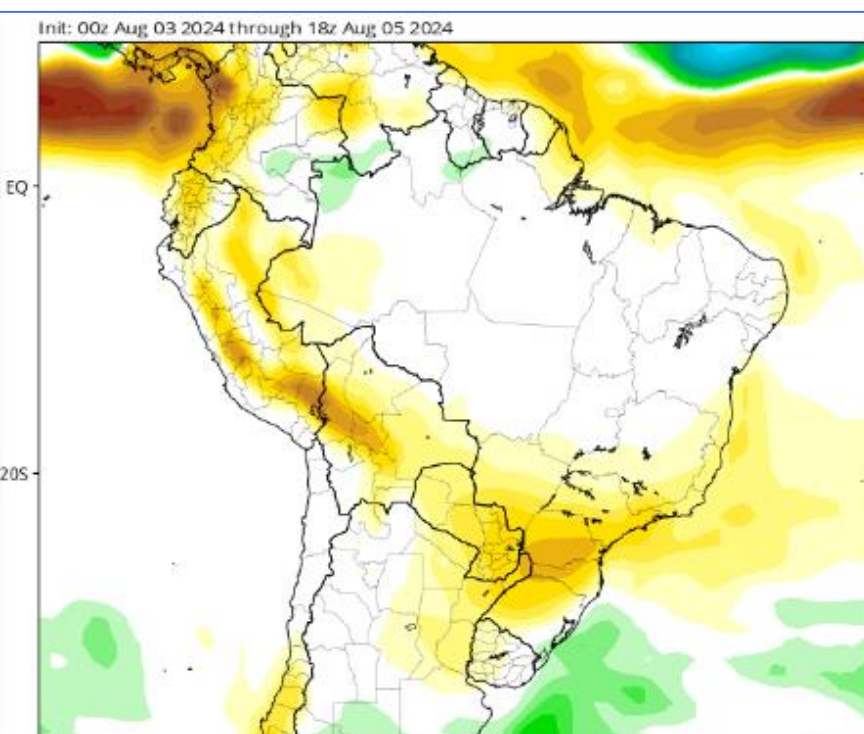
Previsão de Temperatura



Tendência 3a e 4a semanas

19-26 Agosto

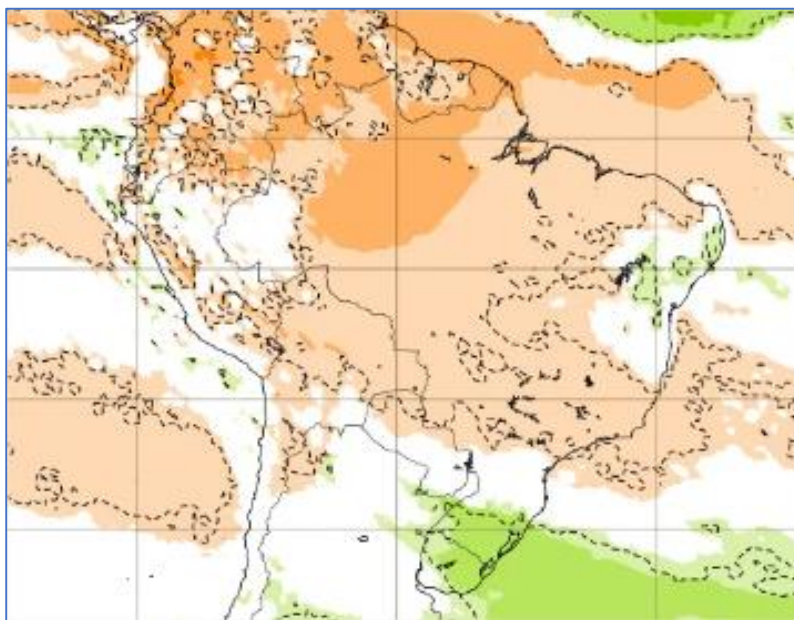
26 Ago -02 Set



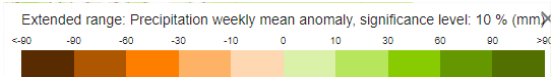
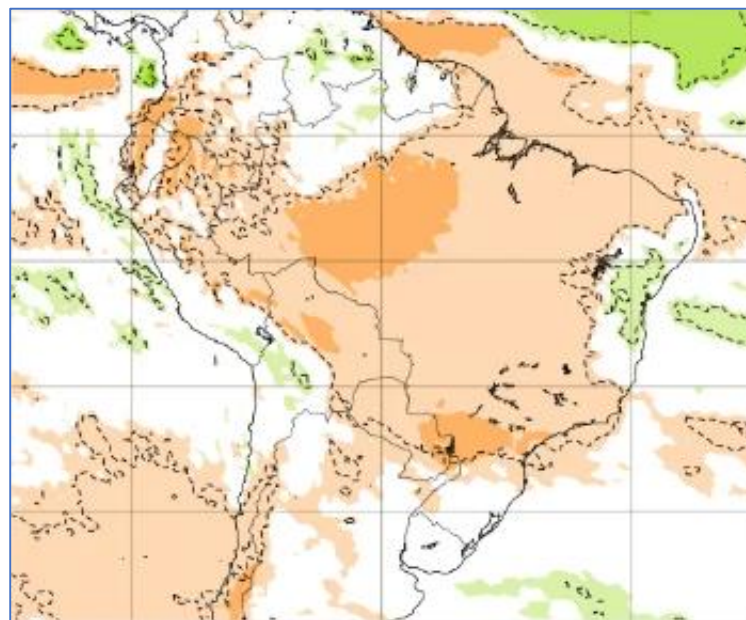
CFSv2 Accumulated Precip. Anomaly (mm)

Tendência para 3^a e 4^a semanas

19-26 Agosto

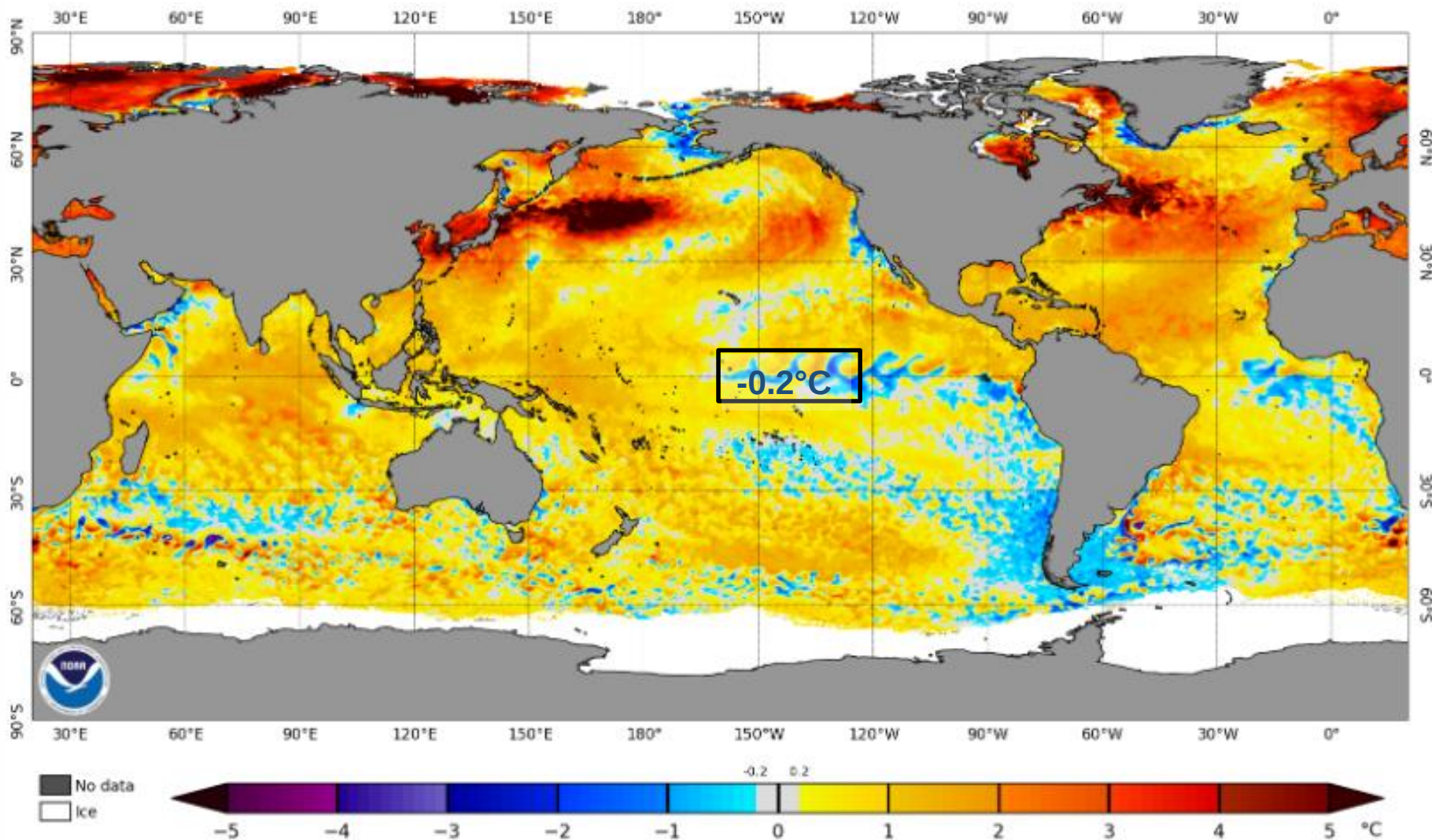


26 Ago -02 Set



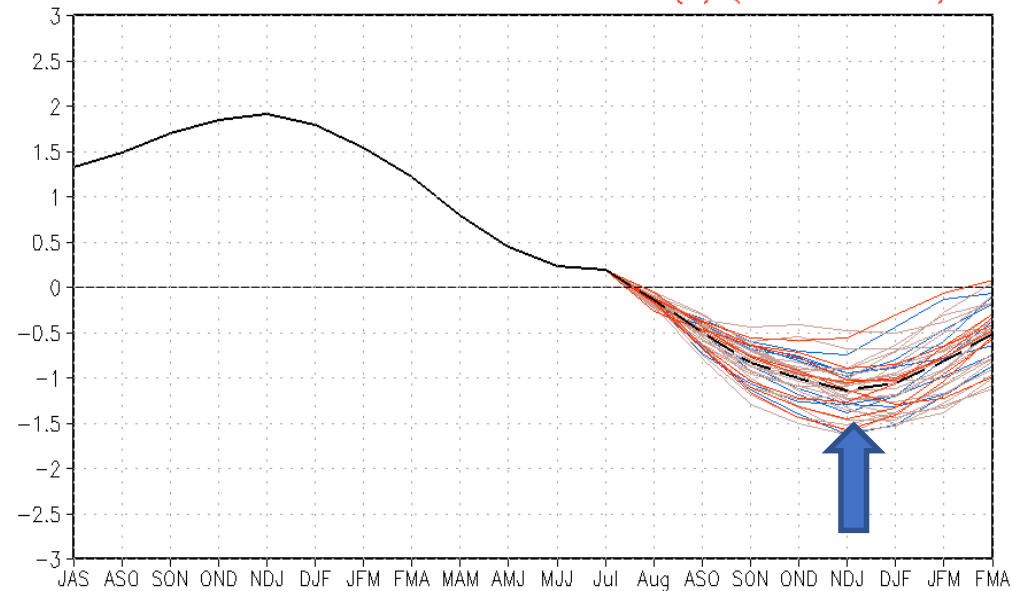
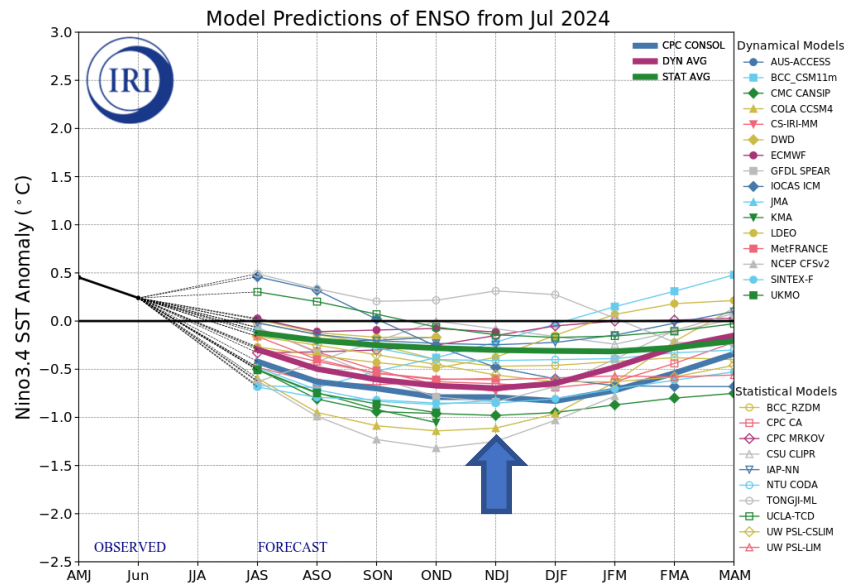
Status Atual: **La Niña Watch**

NOAA Coral Reef Watch Daily 5km SST Anomalies (v3.1) 4 Aug 2024



Previsão do “ENSO”

CFSv2 forecast Nino3.4 SST anomalies (K) (PDF corrected)

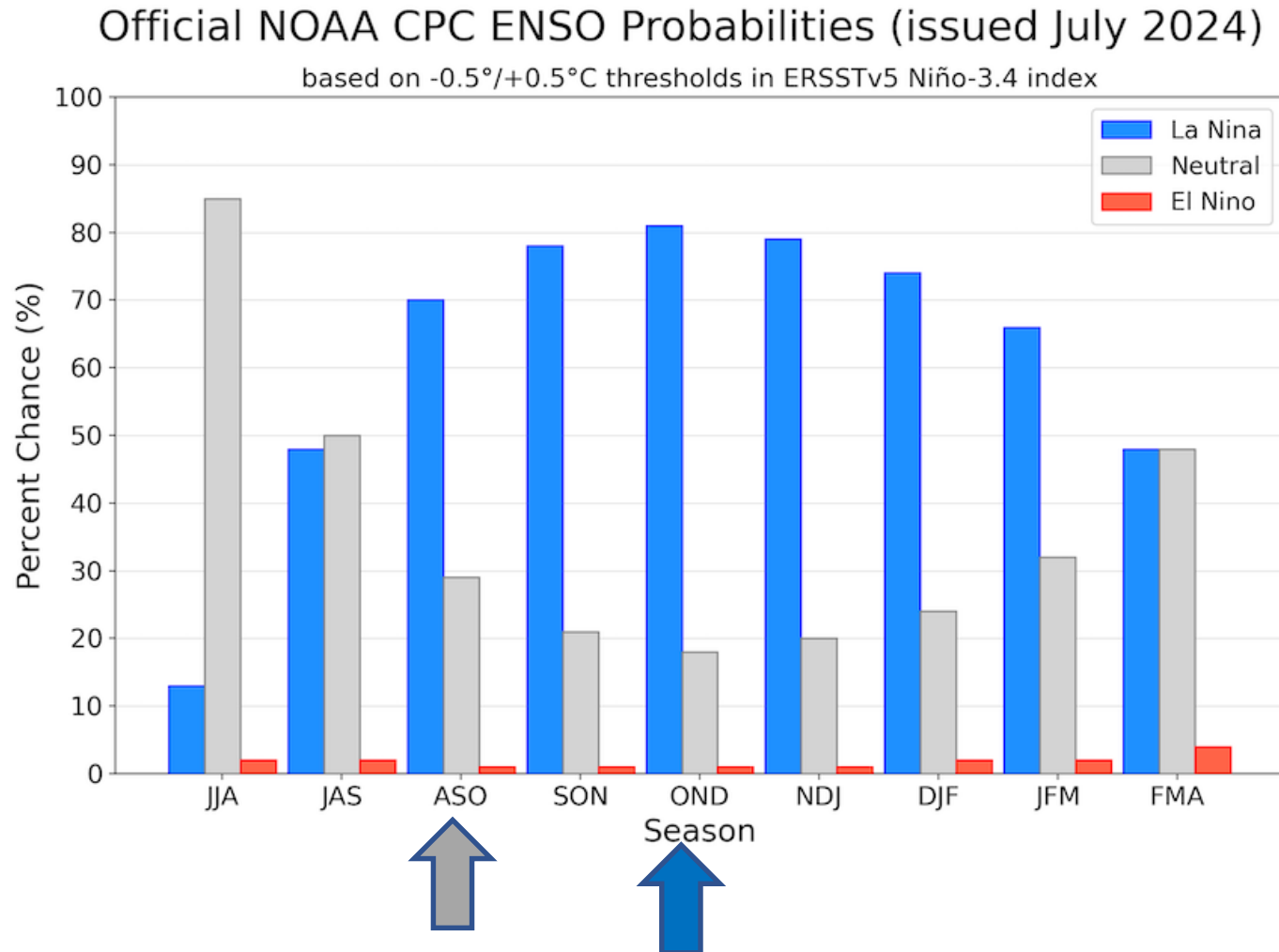


— Latest 8 forecast members
— Earliest 8 forecast members
— Other forecast members
(Climatology base period: 1991–2020)

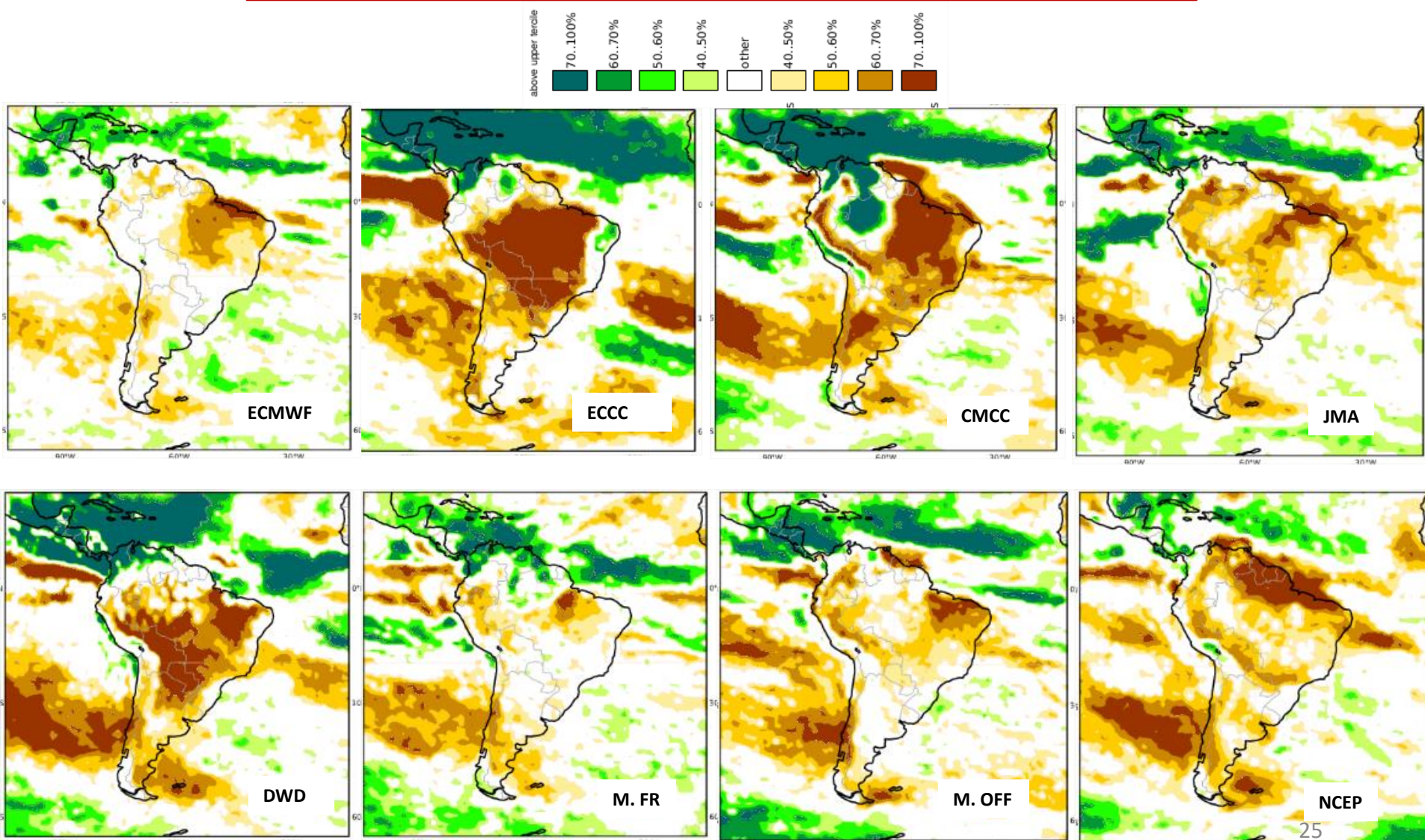
— Forecast ensemble mean
— NCEI OIv2.1 daily analysis

Atualizado 05 de Agosto

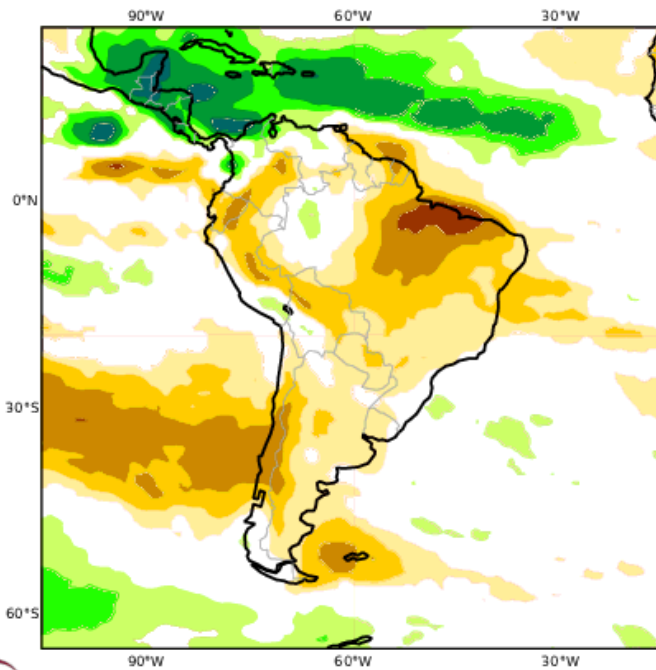
Previsão do “ENSO”



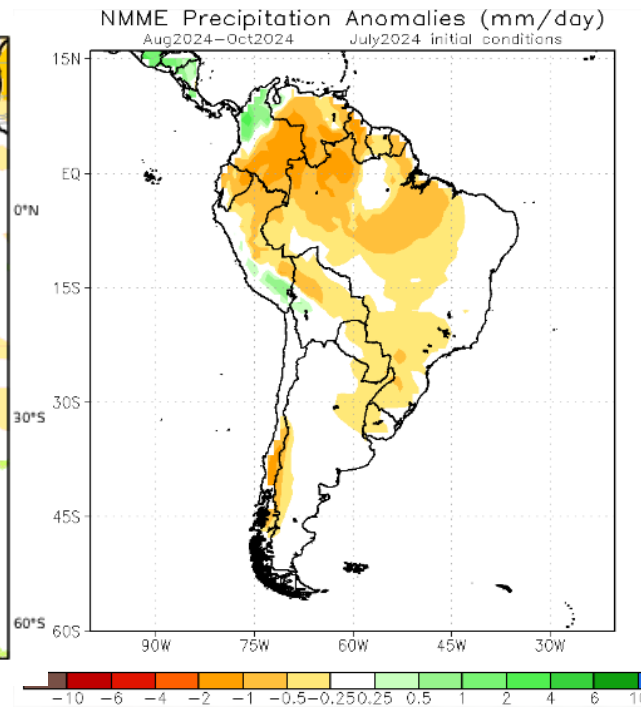
Previsão Sazonal de Chuva ASO



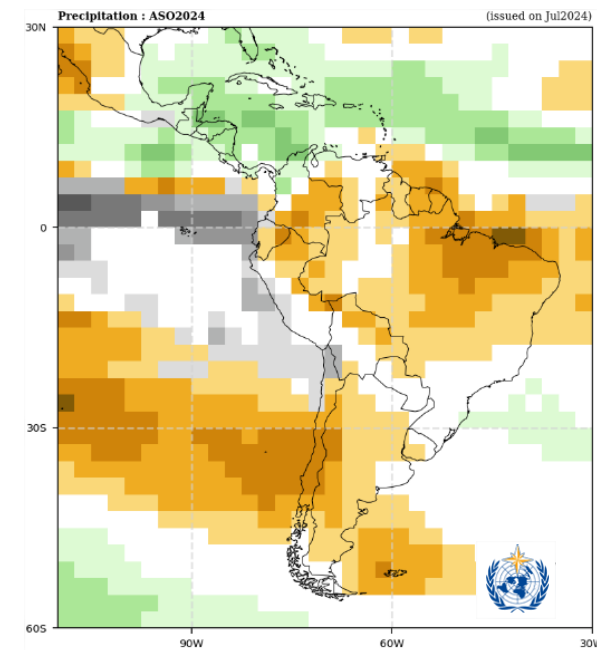
Previsão Sazonal de Chuva Multi-Modelo para ASO



Modelos Europeus

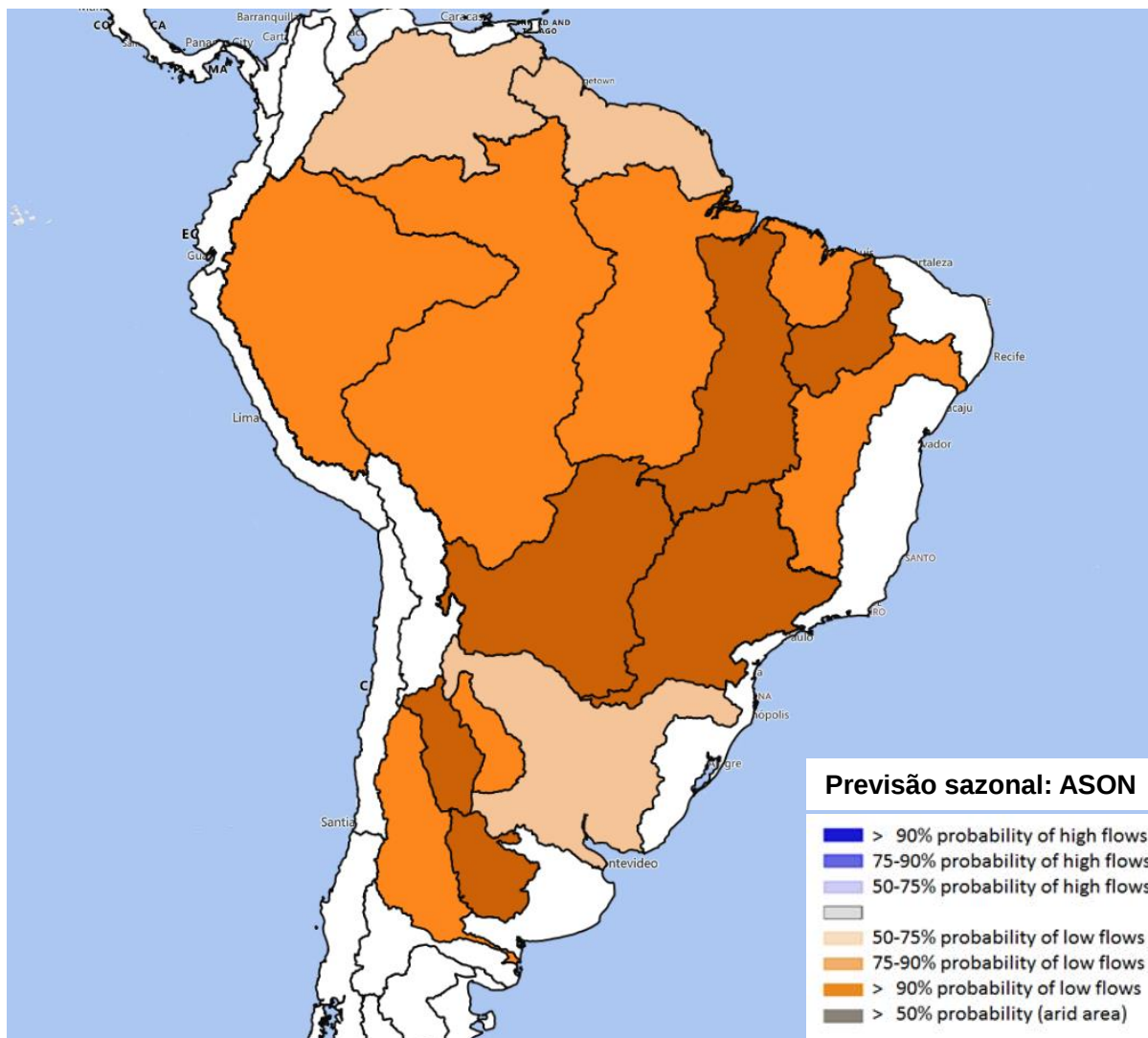


Modelos Americanos

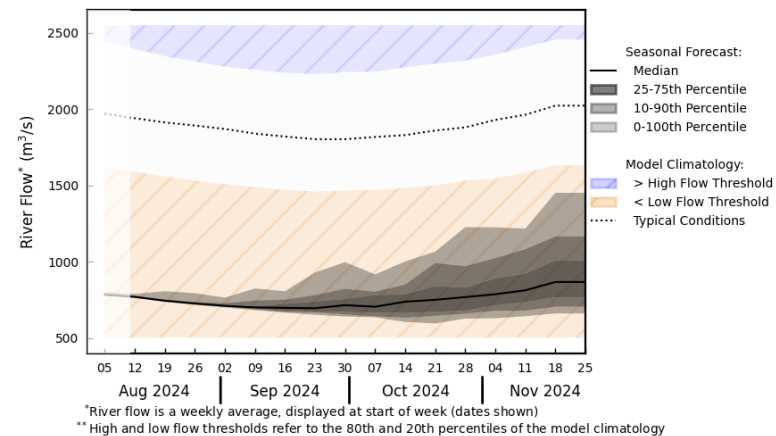


Modelos da Organização
Meteorológica Mundial

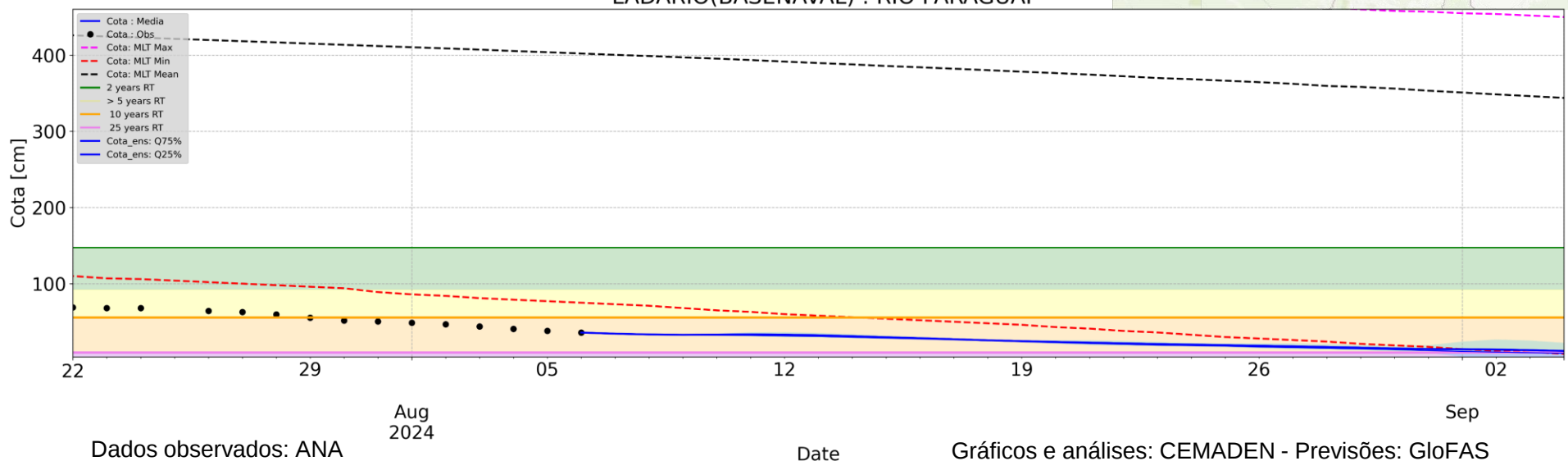
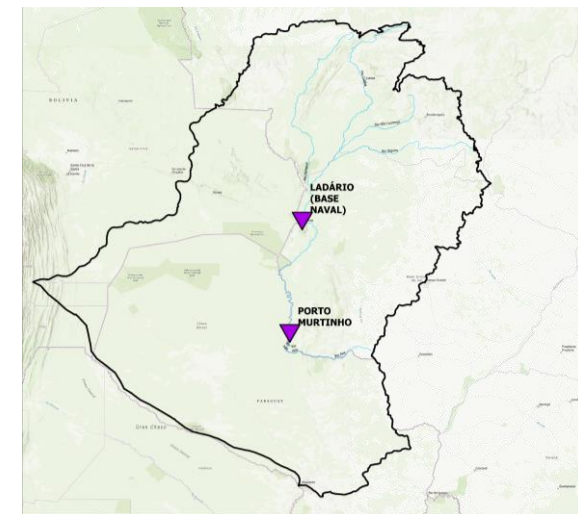
Previsão Hidrológica para ASON (Glofas)



Monitoramento da situação da seca no Pantanal



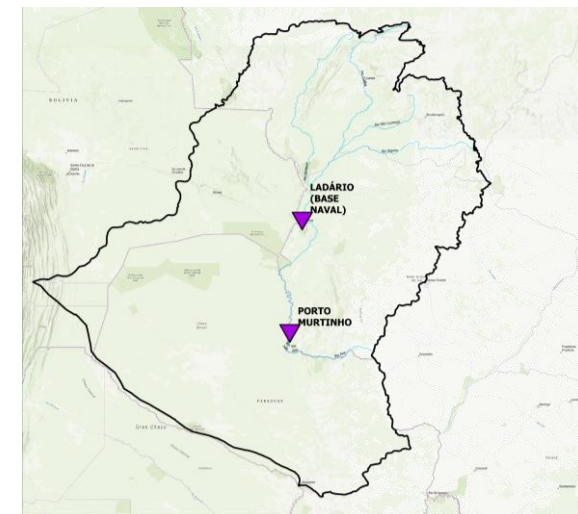
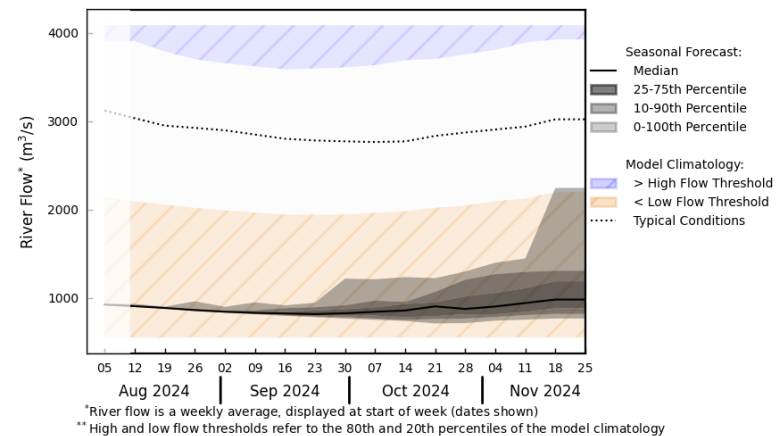
Model Run - 2024-08-06
LADARIO(BASENAVAL) : RIO PARAGUAI



Date

Gráficos e análises: CEMADEN - Previsões: GloFAS

Monitoramento da situação da seca no Pantanal



Model Run - 2024-08-06
PORTOMURTINHO : RIO PARAGUAI

