

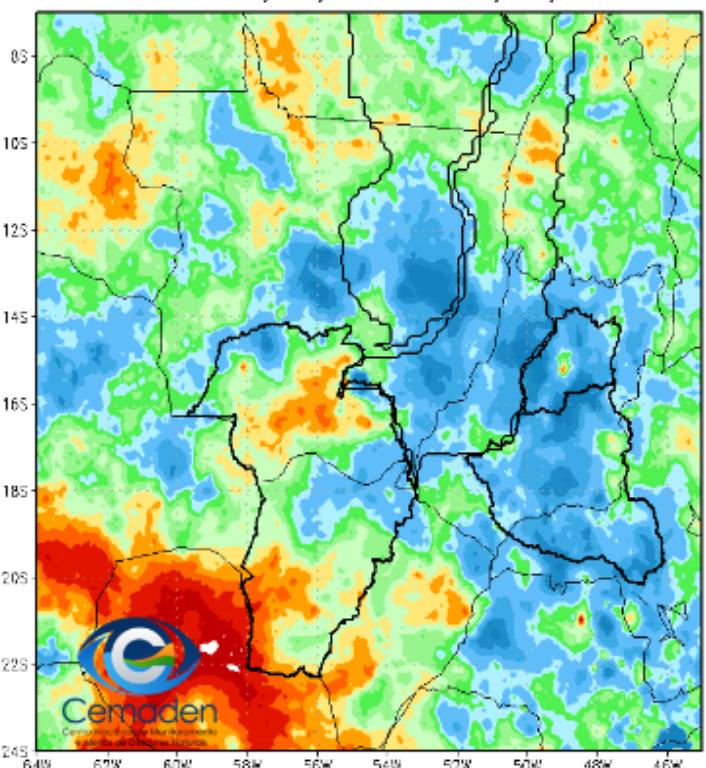


Monitoramento, previsões e impactos da situação de seca no Alto Paraguai

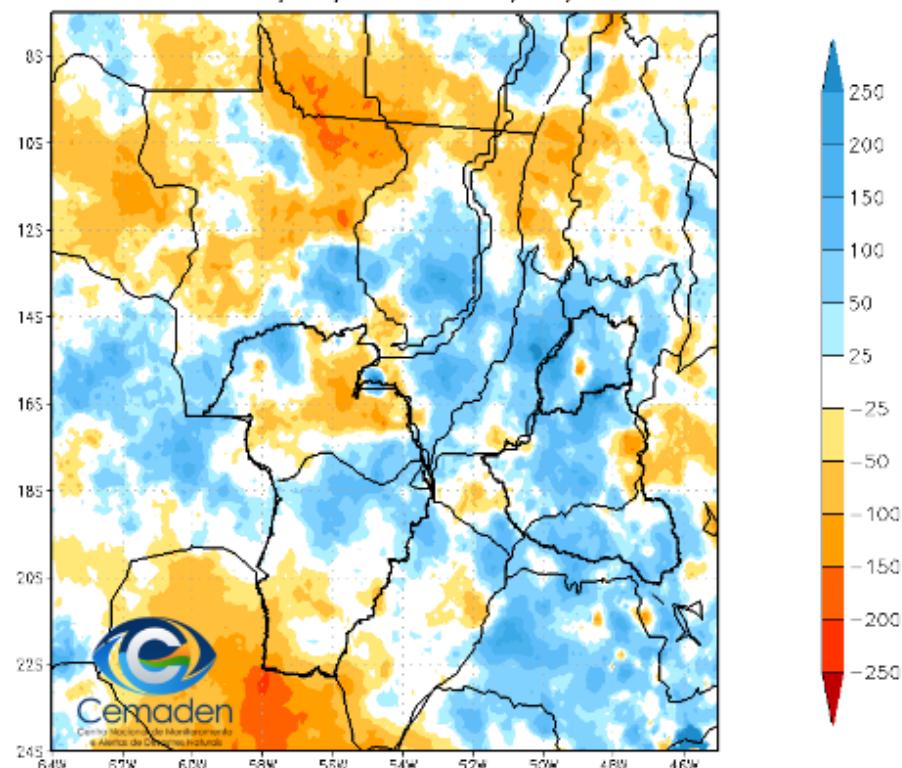
São José dos Campos, 06 de Dezembro de 2024

Precipitação nos últimos 30 dias

Precipitação Acumulada (mm) A.S.
Período: 05/11/2024 a 05/12/2024

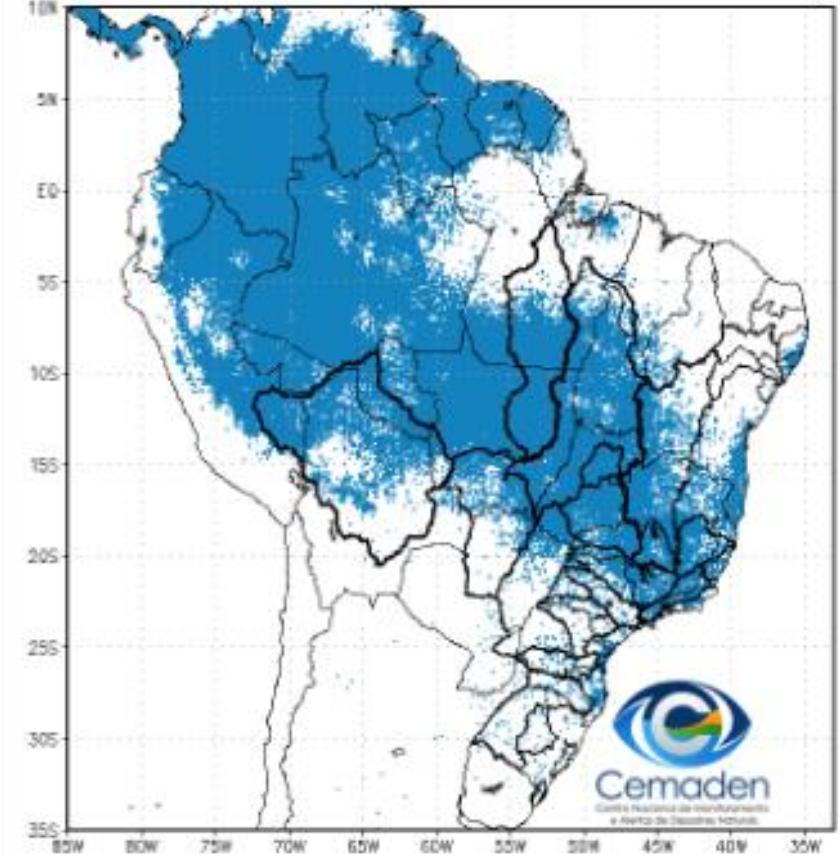


Anomalia de Precipitação (mm) A.S.
Período: 05/11/2024 a 05/12/2024

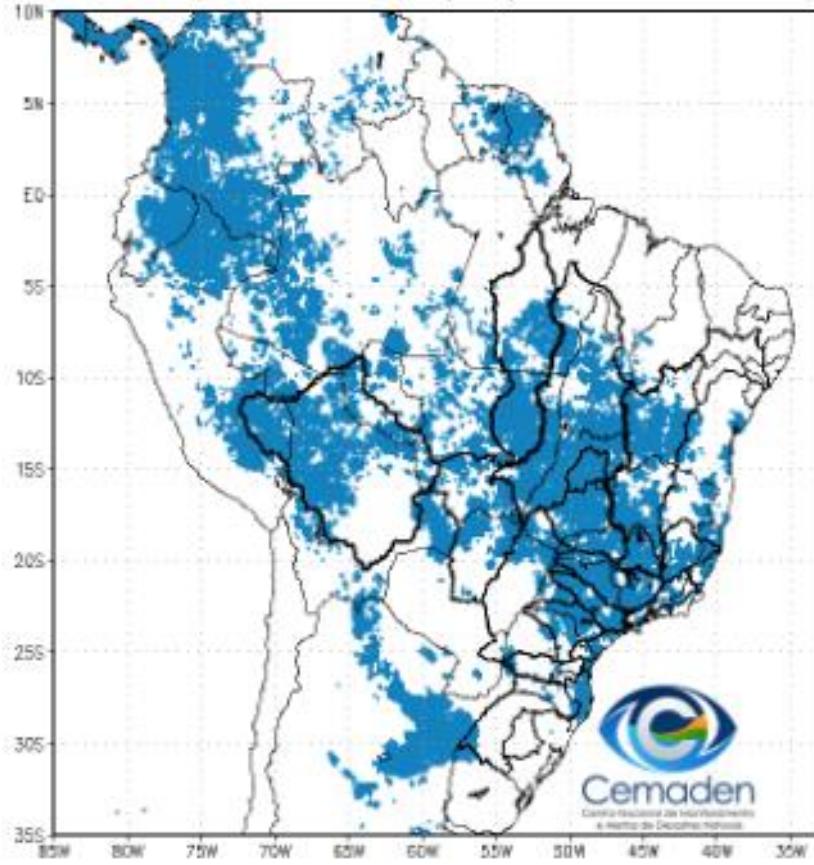


Situação da Estação Chuvosa

Climatologia da Precipitação (2001–2023)
Superior 3 mm/dia em 4 de 5 dias Período: 05/12

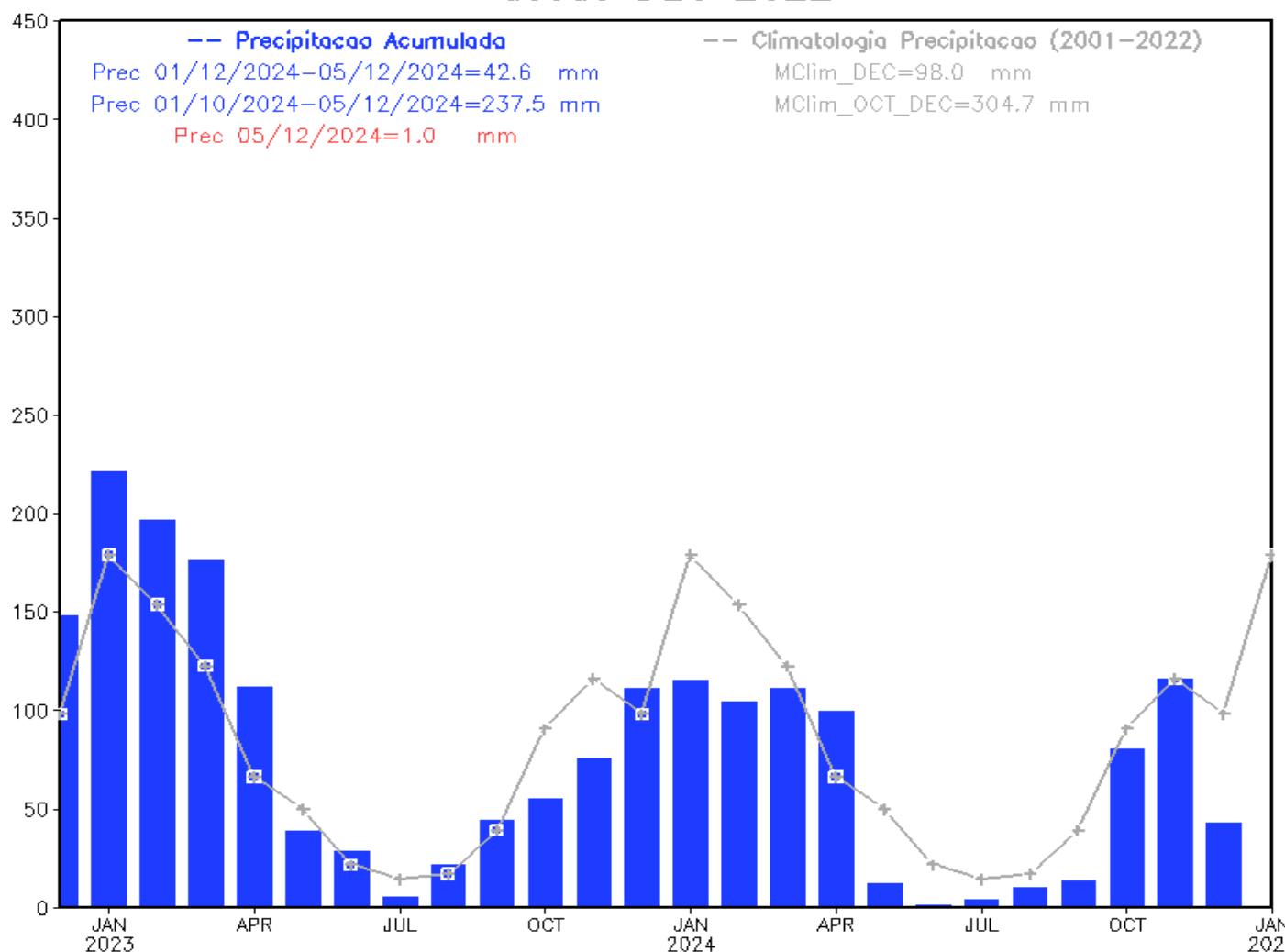


Precipitação A.S. Superior a 3 mm/dia por 4 de 5 dias
Período: 05/12/2024



Precipitação nos últimos dois anos

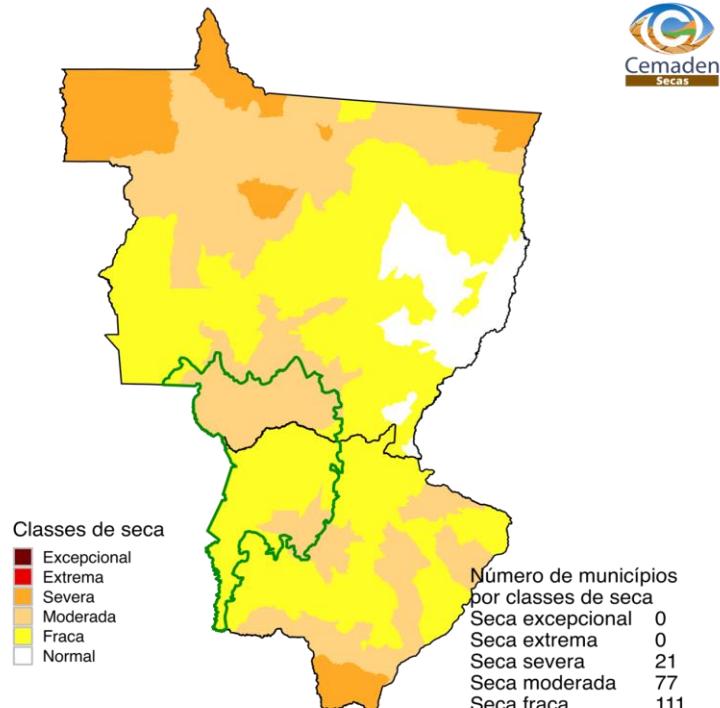
Precipitação Bacia do Rio Paraguai
desde DEC 2022



Fonte dos dados: INPE

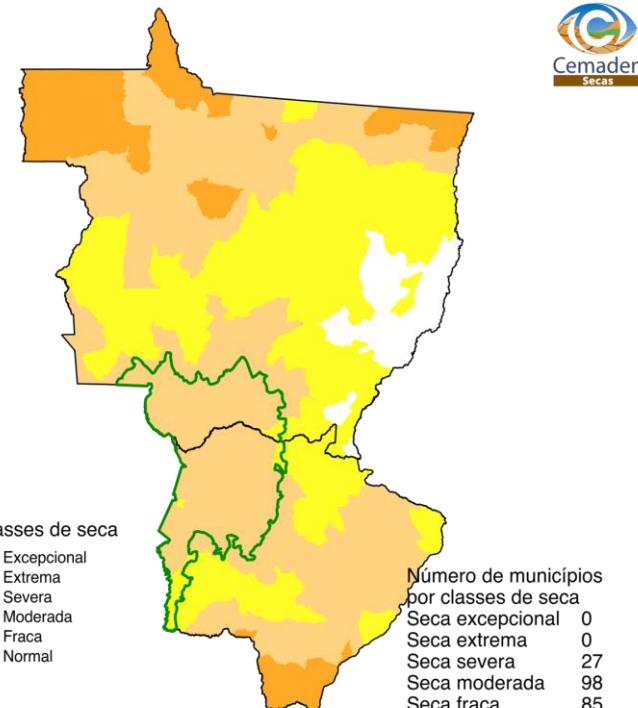
ÍNDICE INTEGRADO DE SECA: ANÁLISE POR MUNICÍPIOS

IIS-03
OBSERVADO



Novembro 2024
Índice Integrado de Seca (SPI13, VHI, US)
Fonte: Cemaden/MCTI.

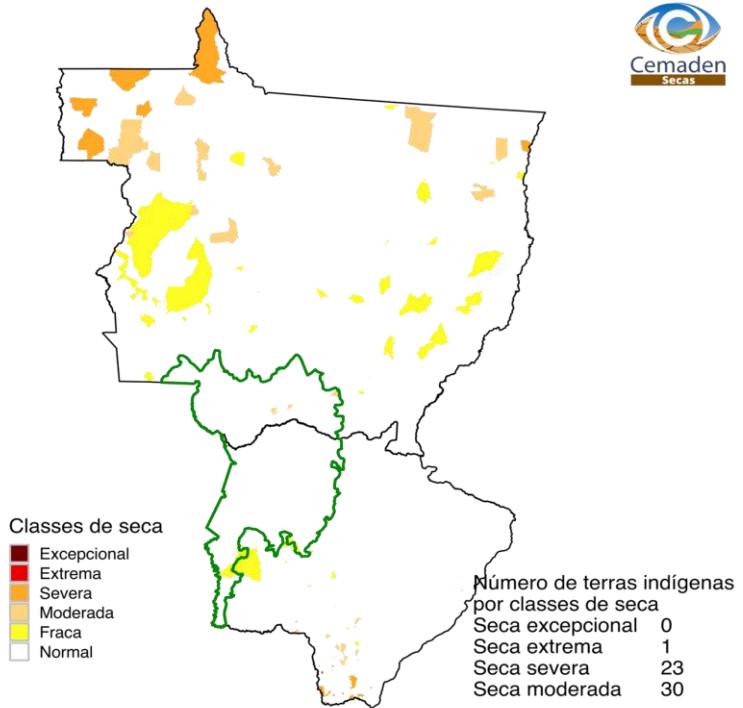
IIS-06
OBSERVADO



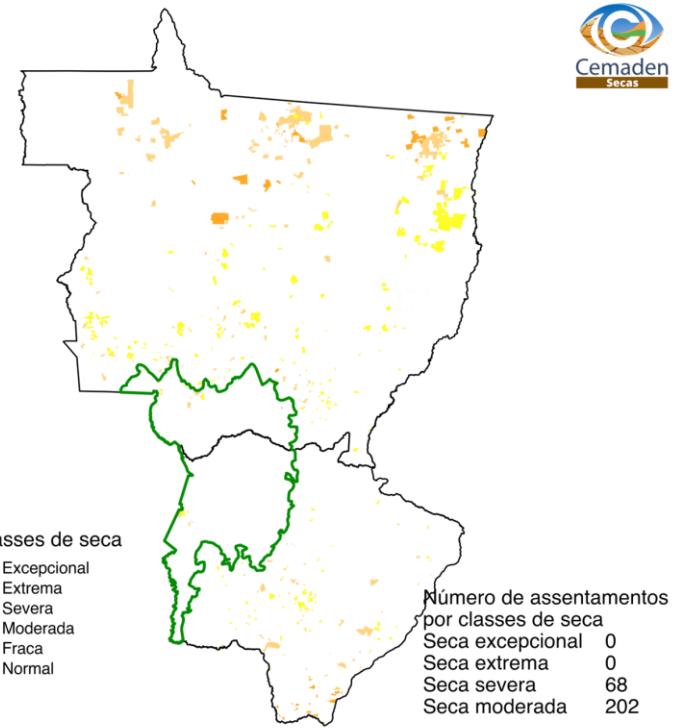
Novembro 2024
Índice Integrado de Seca (SPI16, VHI, US)
Fonte: Cemaden/MCTI.

ÍNDICE INTEGRADO DE SECA (IIS-03)

TERRAS INDÍGENAS

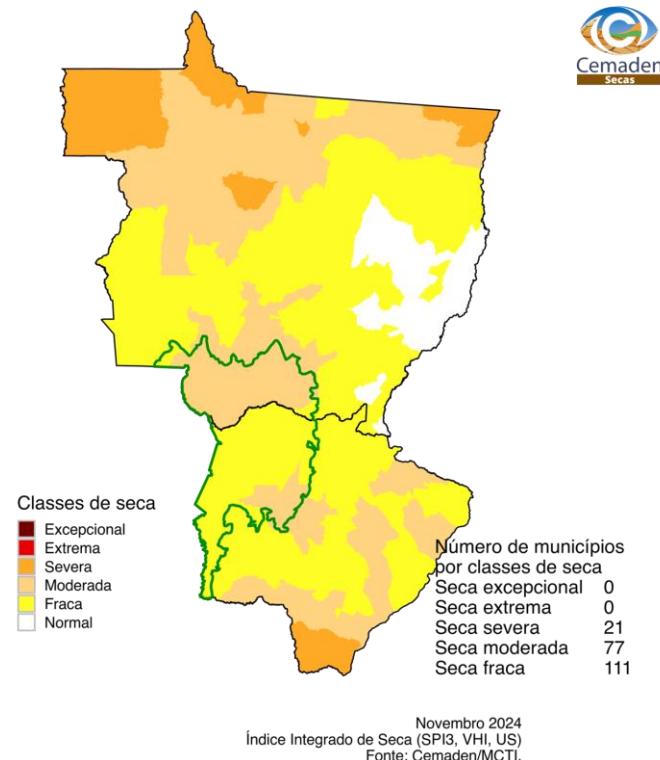


ASSENTAMENTOS

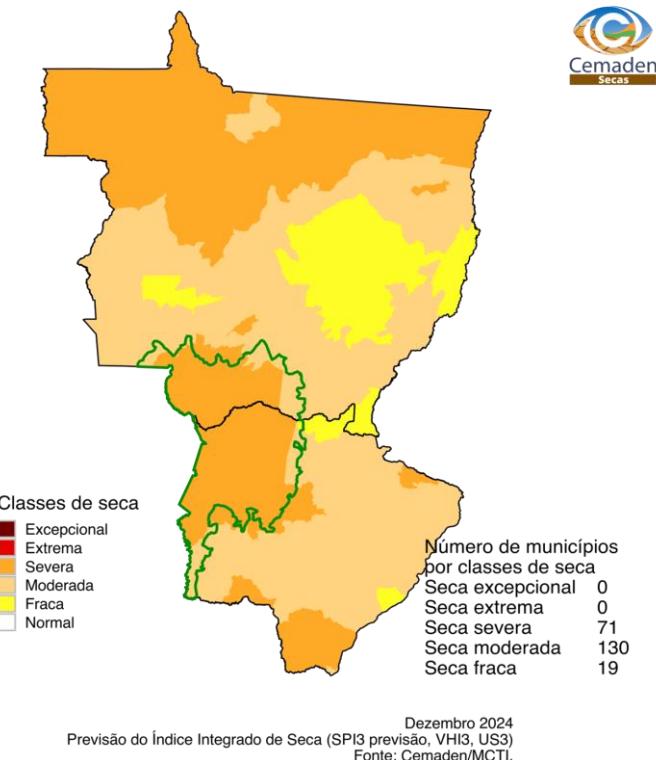


ÍNDICE INTEGRADO DE SECA (3 MESES) PREVISÃO 30 DIAS

IIS-03 OBSERVADO
MUNICÍPIO

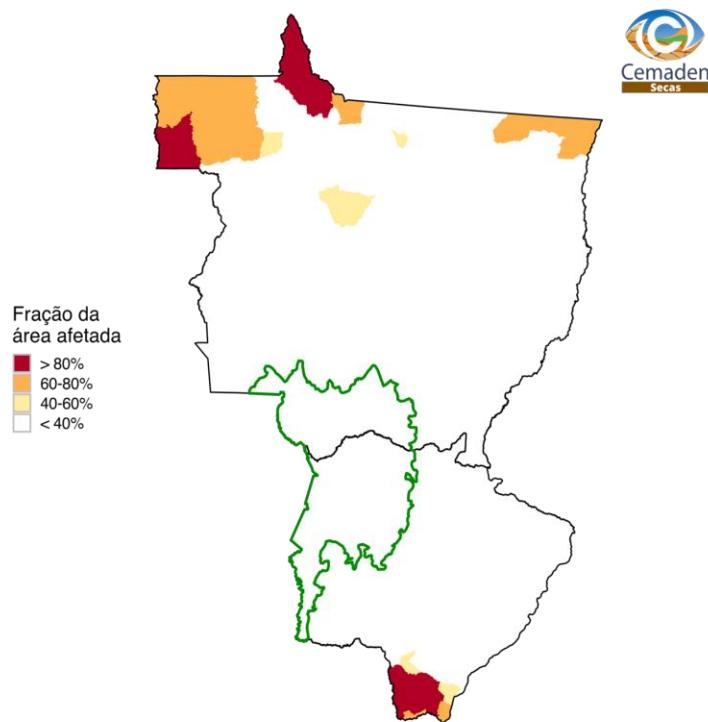


IIS-03 PREVISÃO
MUNICÍPIO



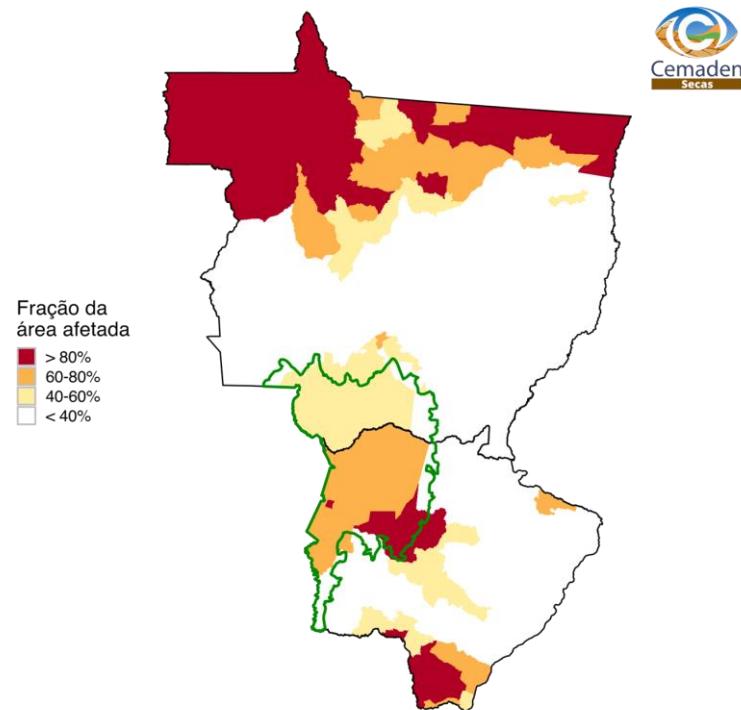
ÁREAS DE PASTAGENS E AGRÍCOLAS AFETADAS PELA SECA

OBSERVADO



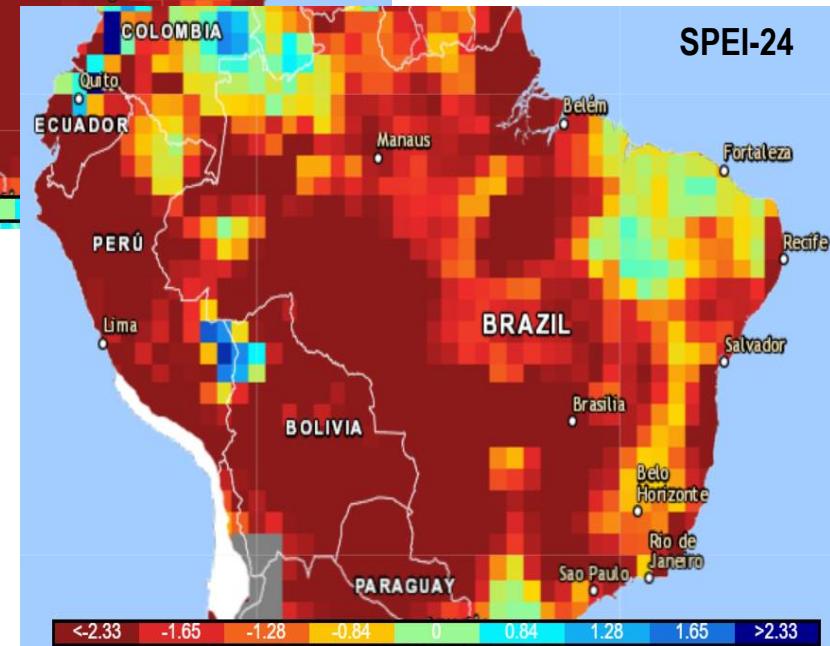
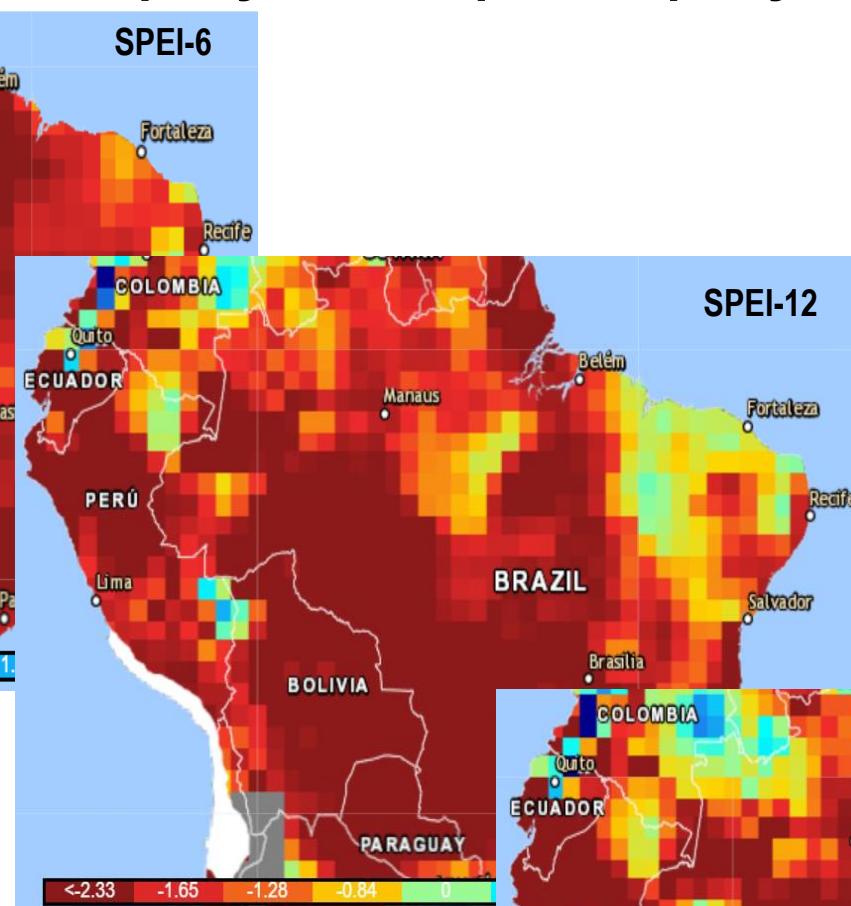
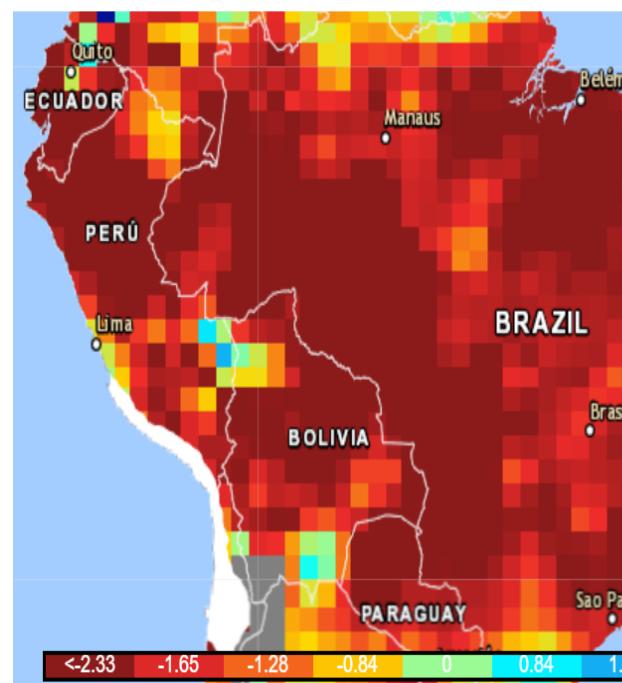
Novembro 2024
Fração da área agroprodutiva afetada pela seca
Fonte: Cemaden/MCTI.

PREVISÃO



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

Índice Padronizado de Precipitação – Evapotranspiração Potencial – SPEI



Seca Hidrológica na bacia do Rio Paraguai – Centro Oeste

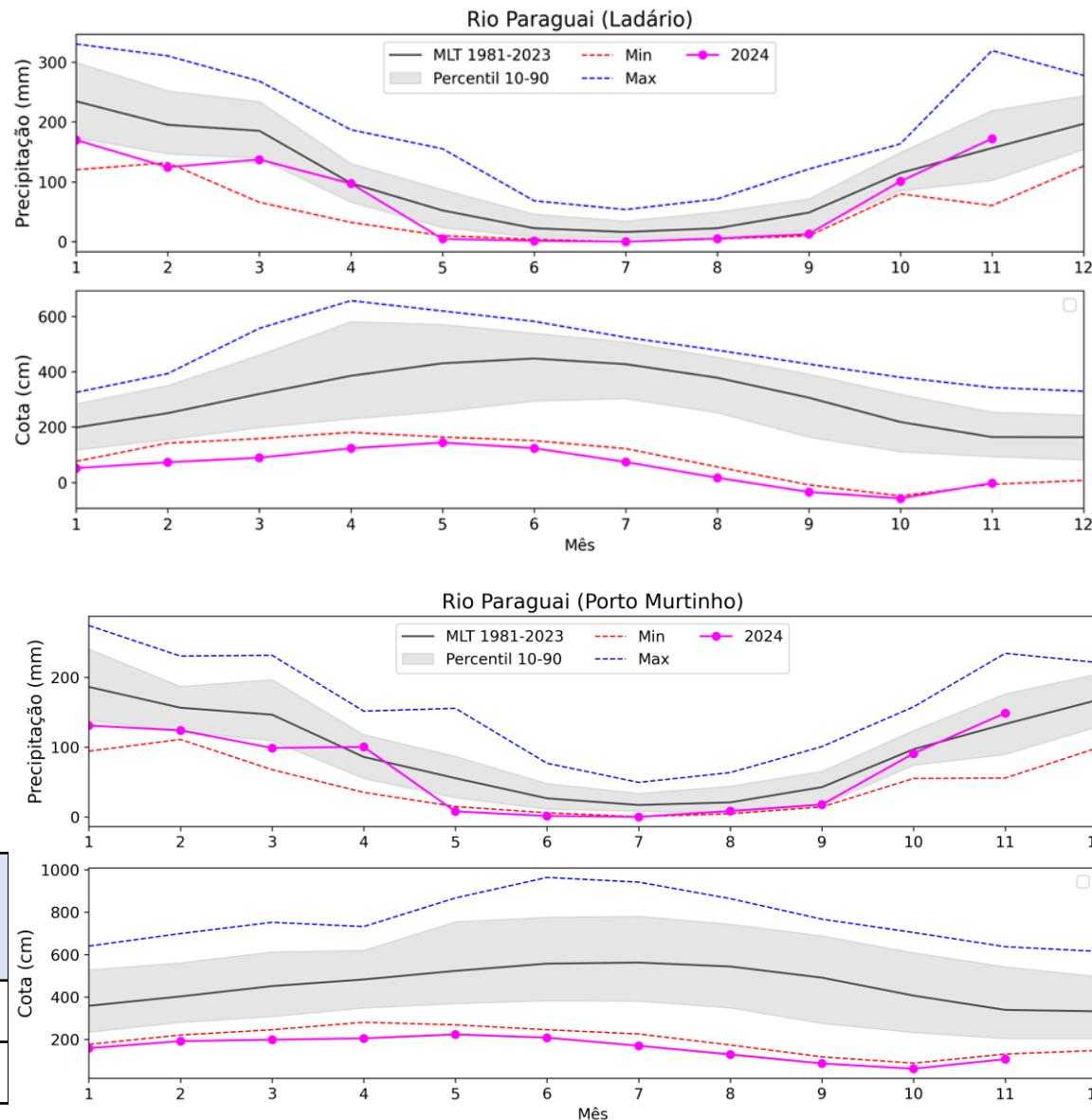
Cotas médias mensais - Rio Paraguai

Índice Bivariado de Seca (Chuva-Cota) – TSI



Valores Médios Mensais: Outubro e Novembro

Estação	Cota média Out	Cota média Nov	Nível abaixo da MLT
Ladário	-58 cm	-2 cm	166 cm
P. Murtinho	61 cm	106 cm	233 cm

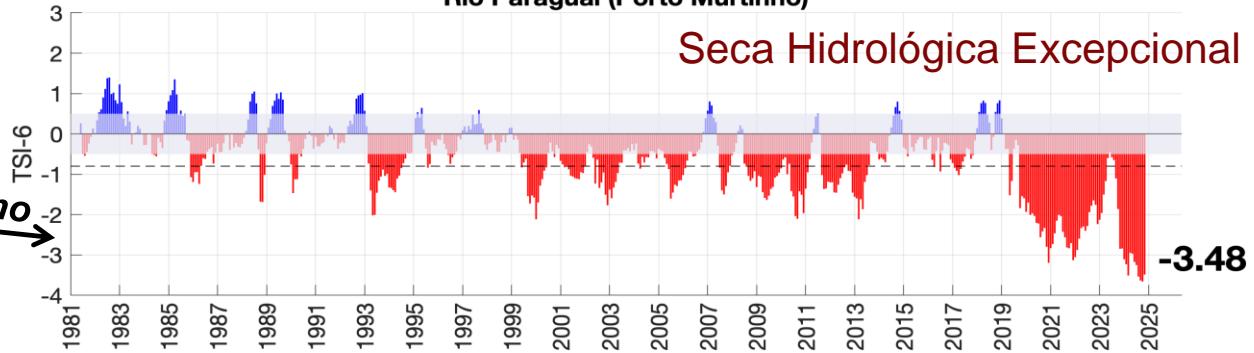
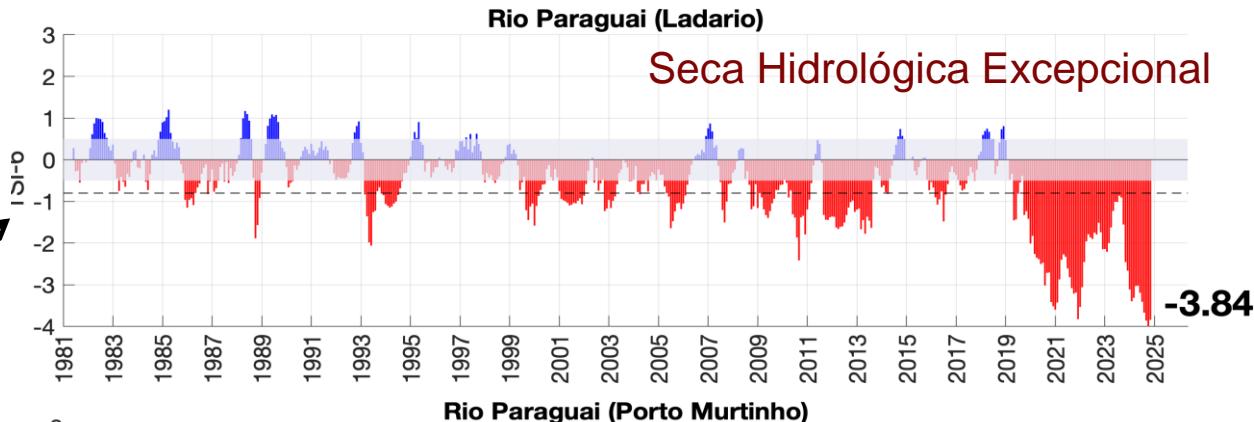
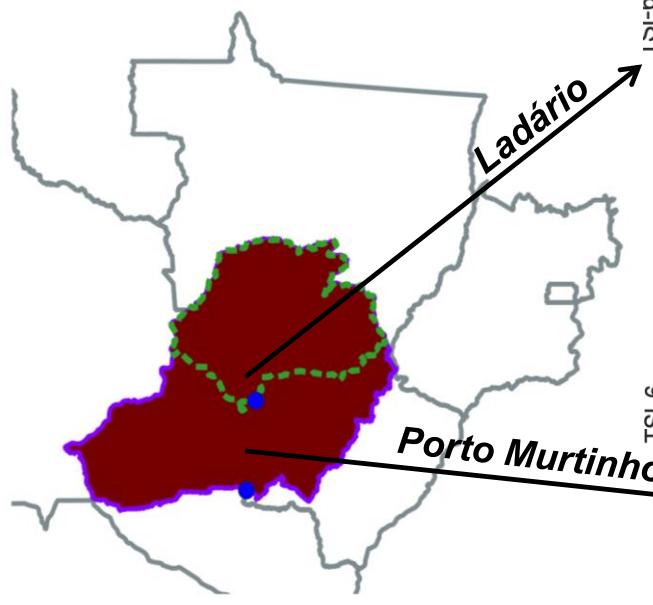


Seca Hidrológica na bacia do Rio Paraguai – Centro Oeste

Índice Bivariado de Seca (Precipitação-Cota) - TSI

Escala de Curto Prazo: **TSI-6 meses**

Novembro/2024



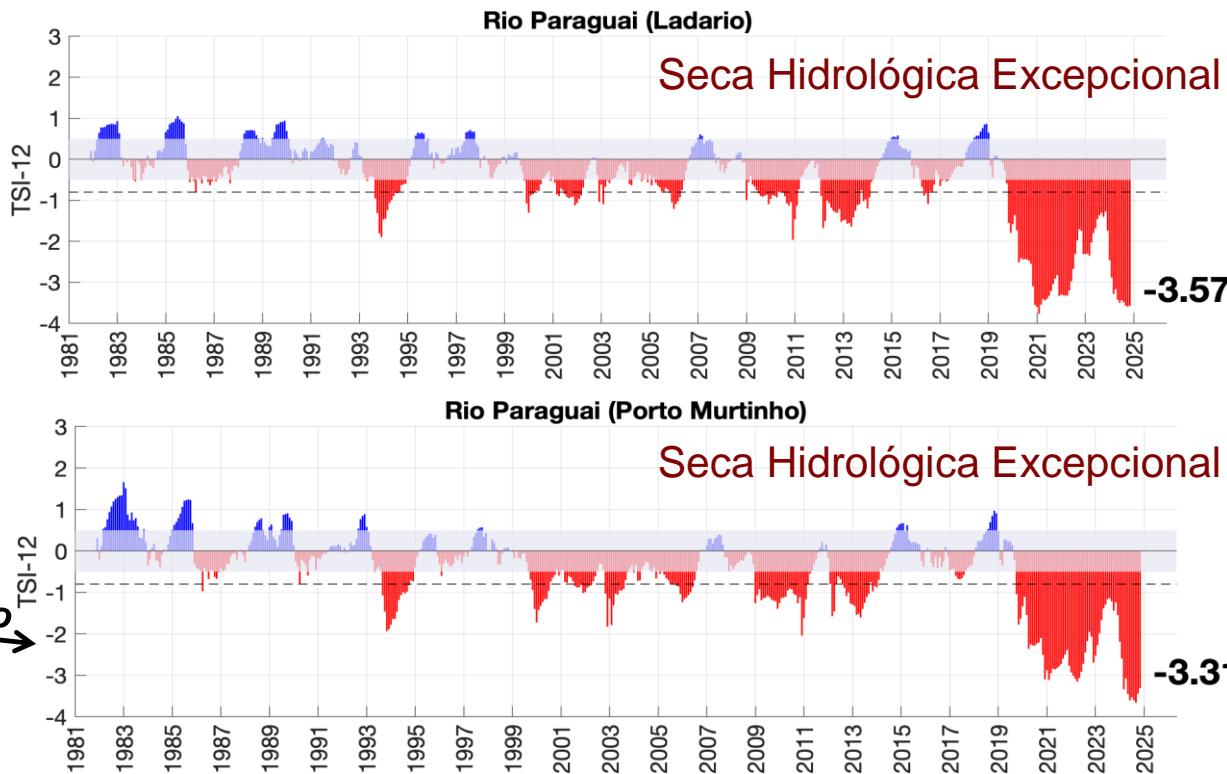
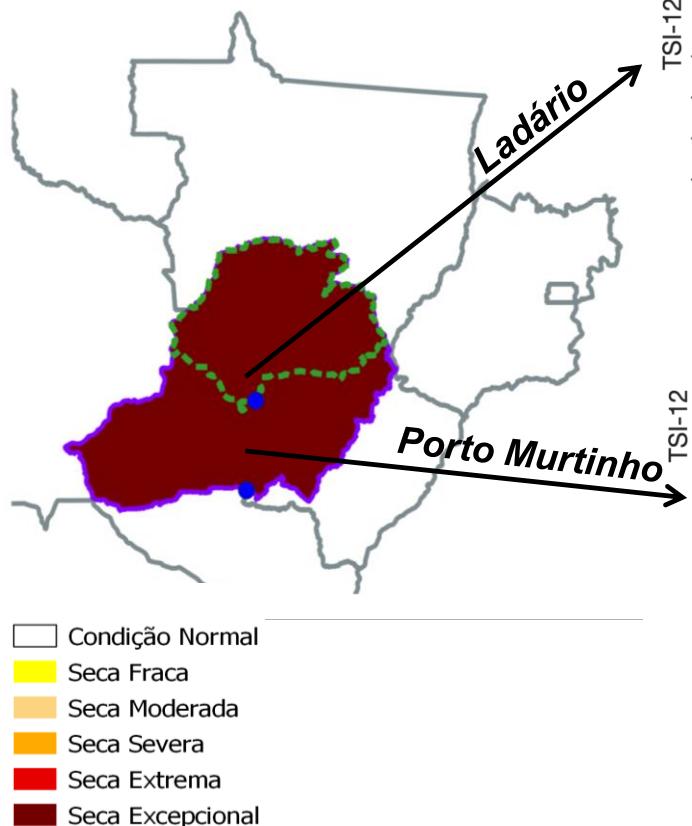
- Condição Normal
- Seca Fraca
- Seca Moderada
- Seca Severa
- Seca Extrema
- Seca Excepcional

Bacia afluente à Estação Fluv.:	TSI6-Out	TSI6-Nov
Ladário	Excepcional (-4.04)	Excepcional (-3.84)
Porto Murtinho	Excepcional (-3.66)	Excepcional (-3.48)

Seca Hidrológica na bacia do Rio Paraguai – Centro Oeste

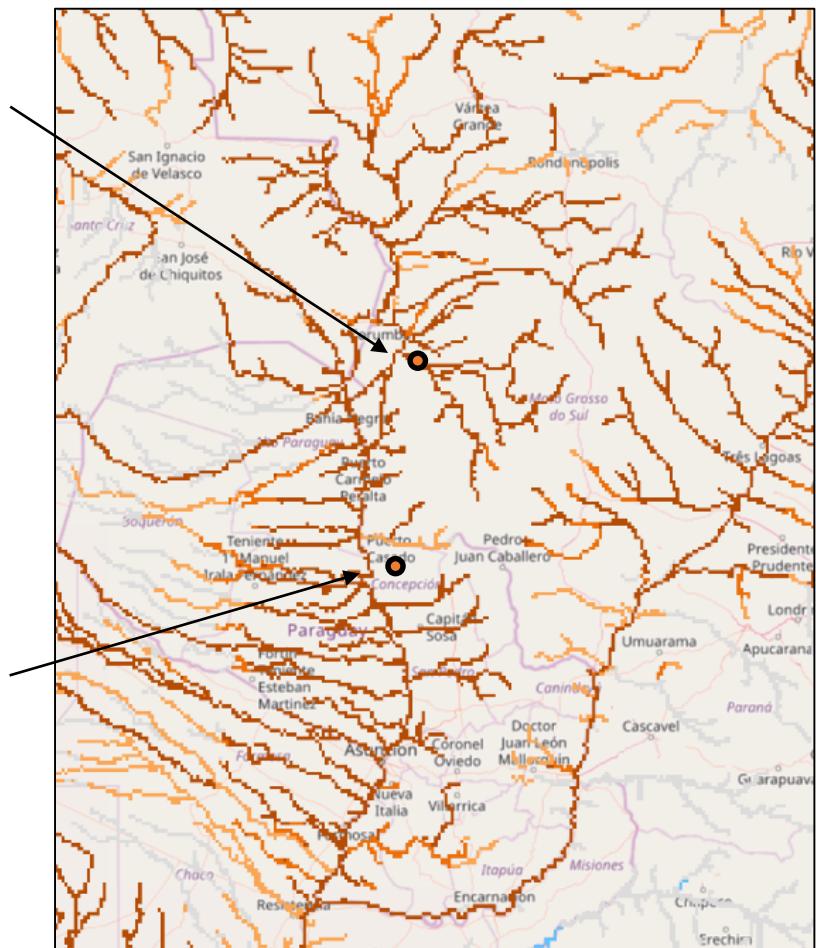
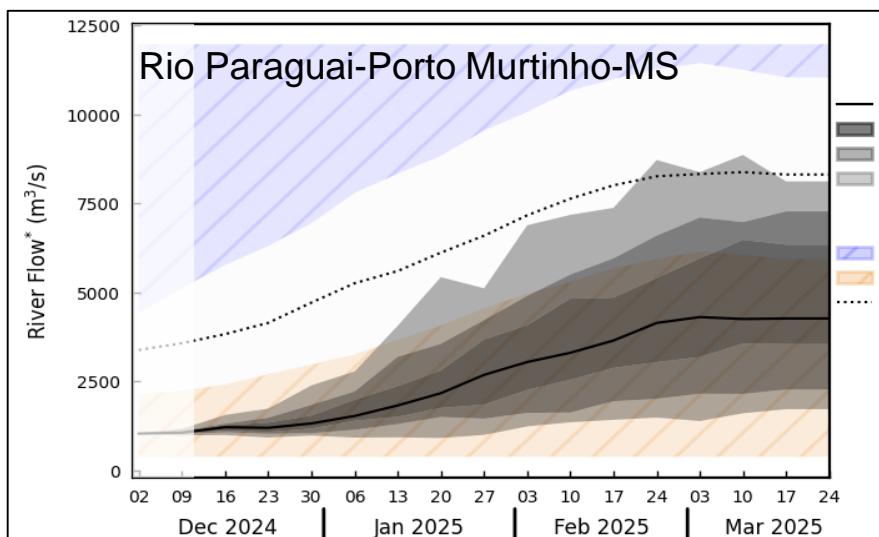
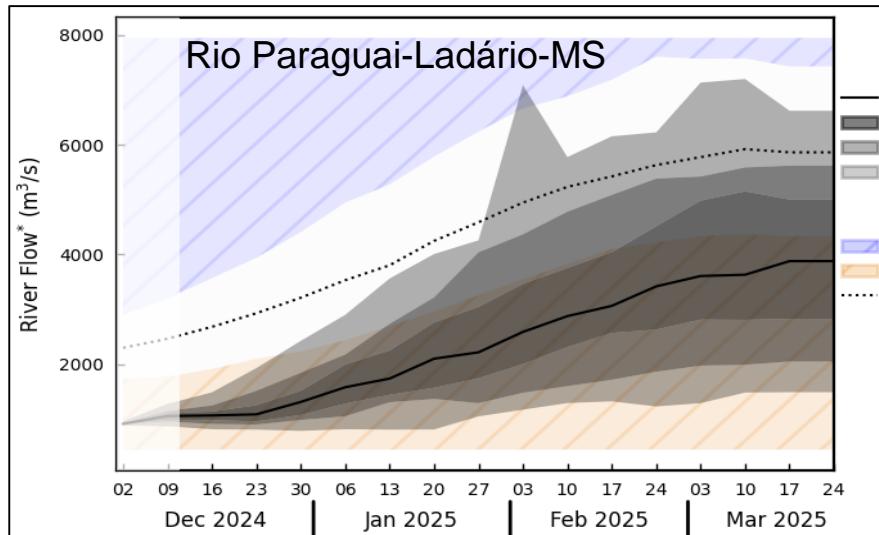
Índice Bivariado de Seca (Precipitação-Cota) - TSI Escala de Longo Prazo: **TSI-12 meses**

Novembro/2024



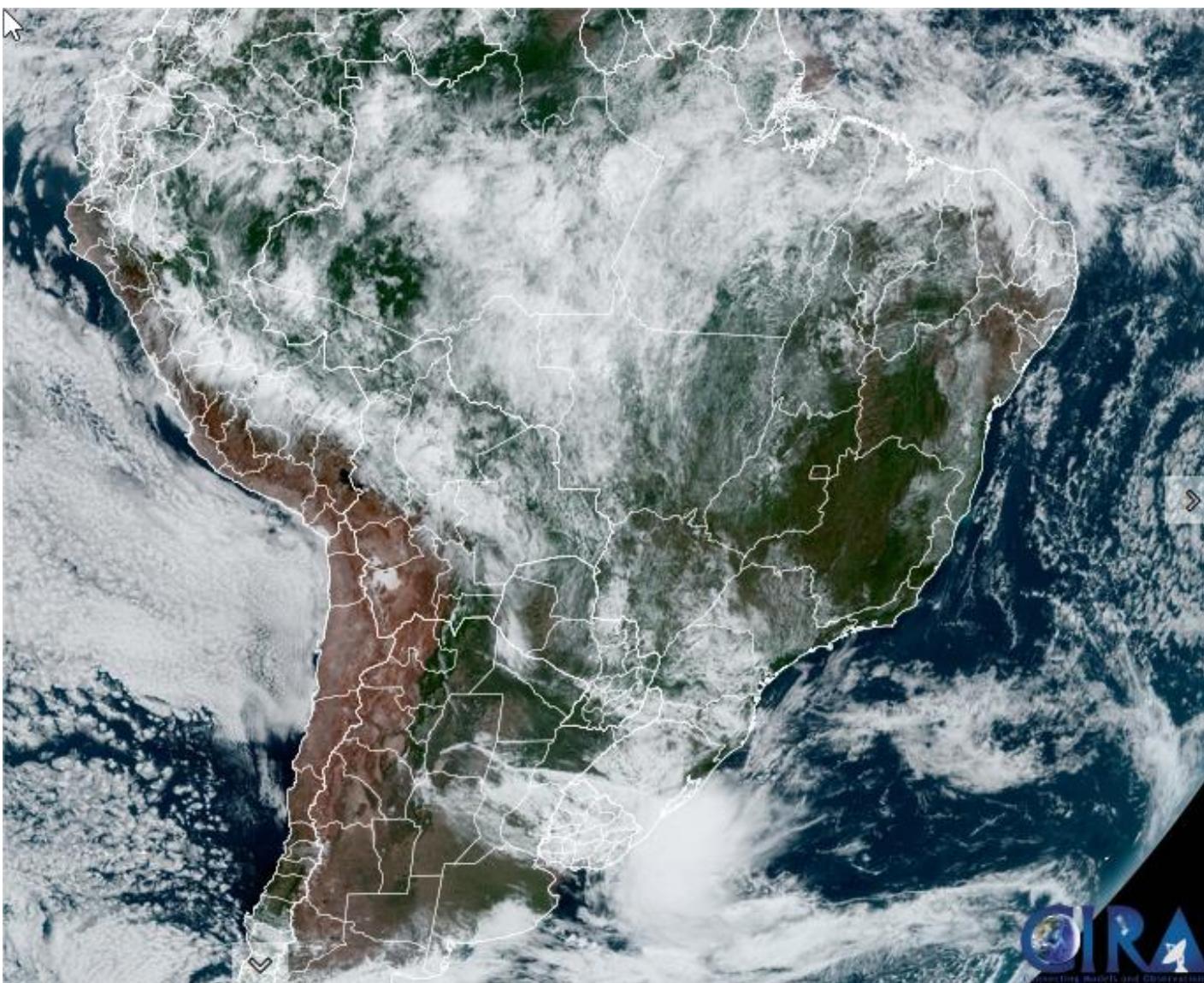
Bacia afluente à Estação Fluv.:	TSI12-Out	TSI12-Nov
Ladário	Excepcional (-3.59)	Excepcional (-3.57)
Porto Murtinho	Excepcional (-3.44)	Excepcional (-3.31)

Previsão sazonal de vazões (Glofas)

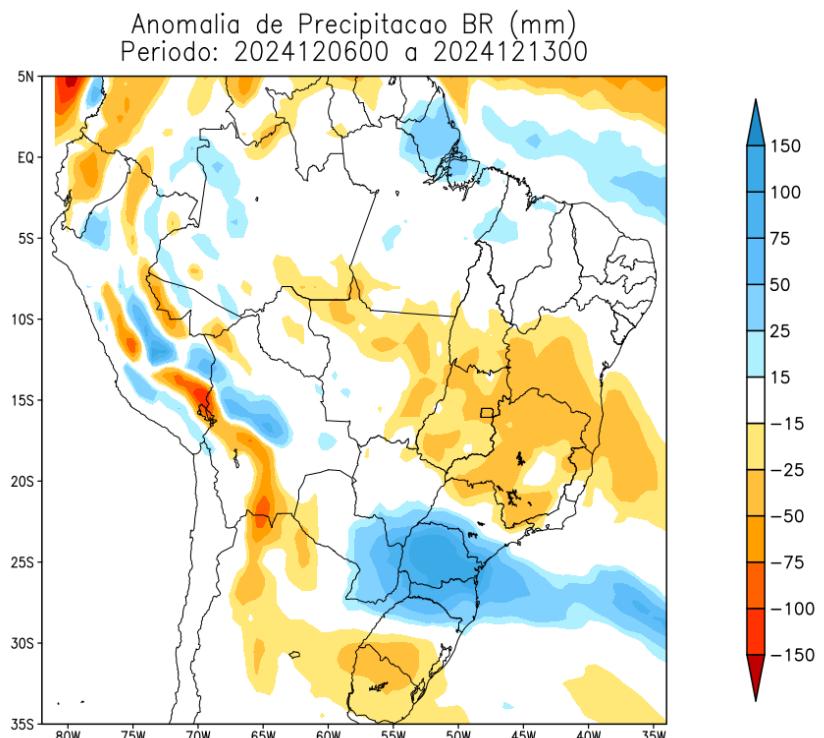
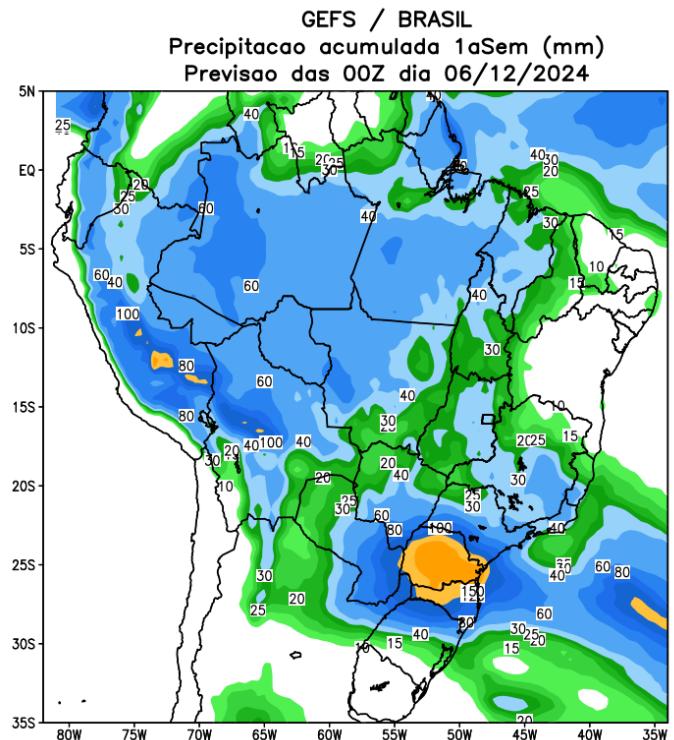


— Média da previsão Média climatológica
 Vazões baixas Vazões altas

Situação meteorológica atual

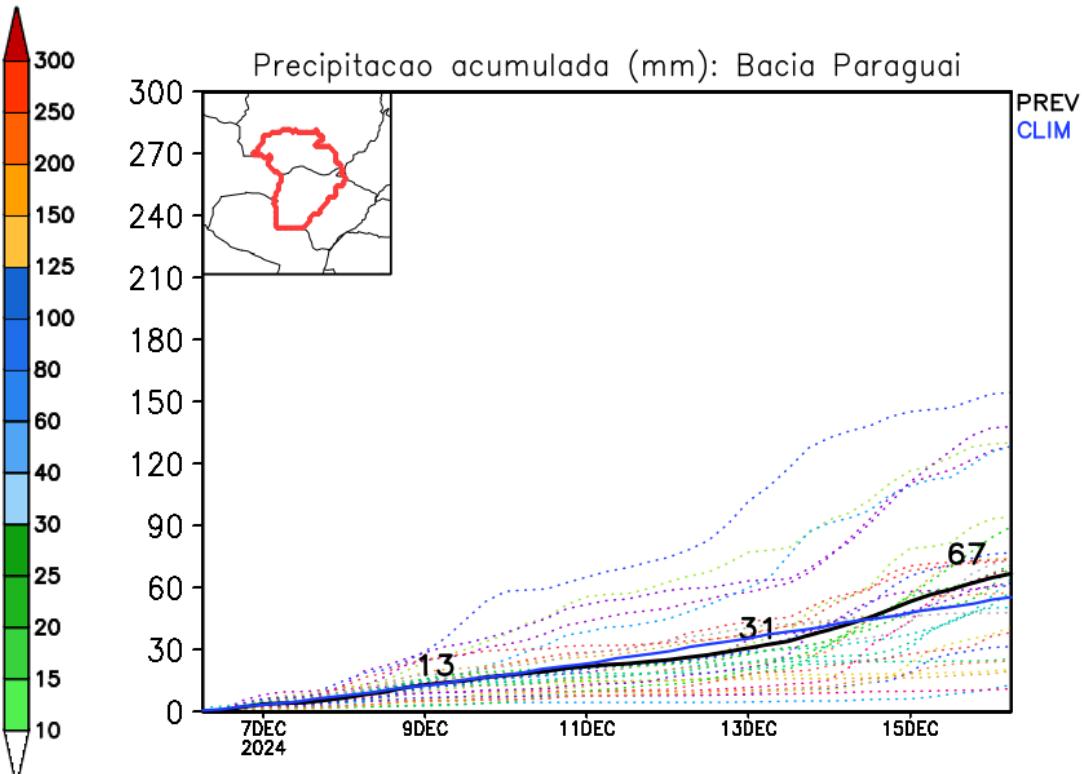
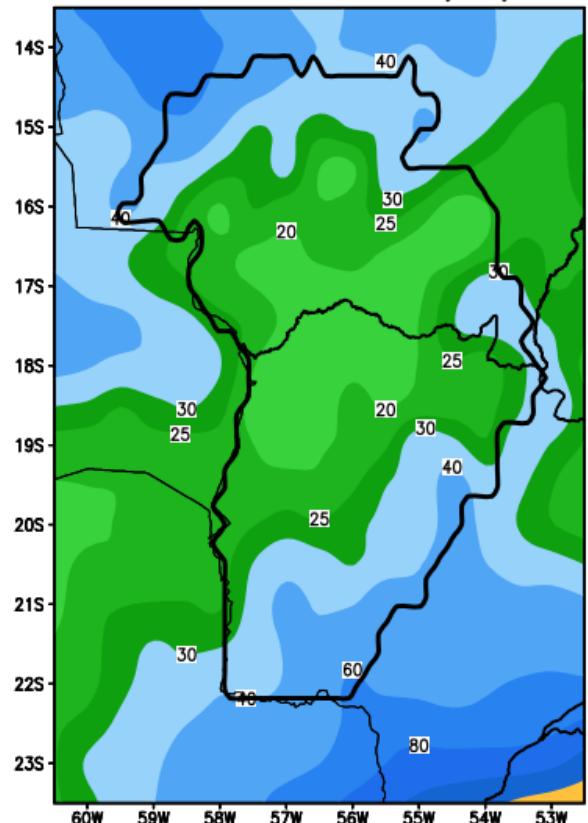


Previsão para as próxima semana



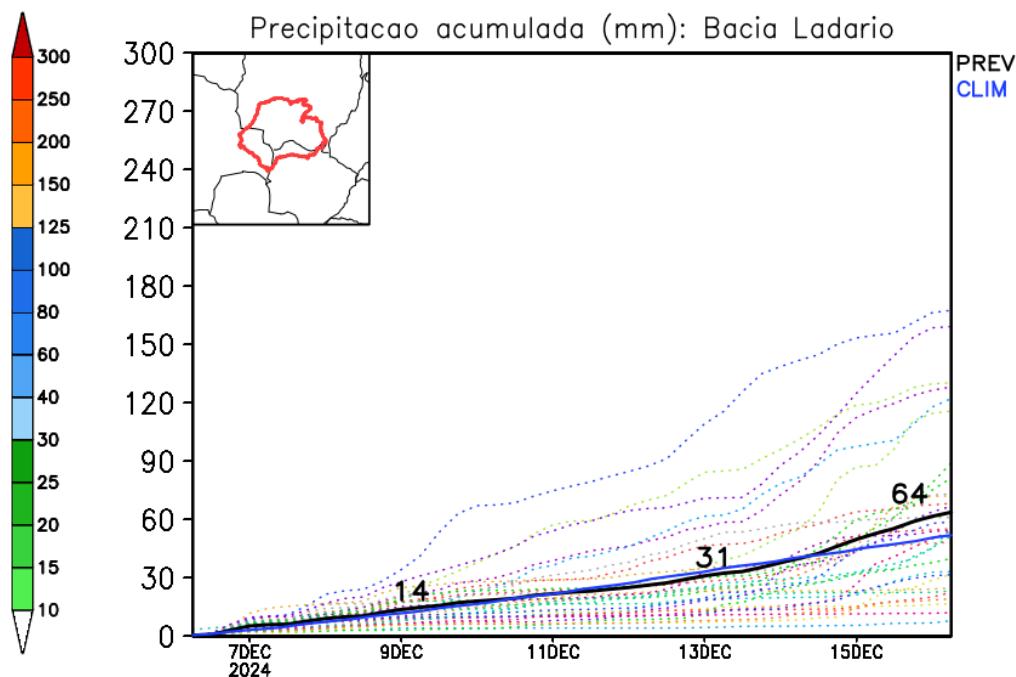
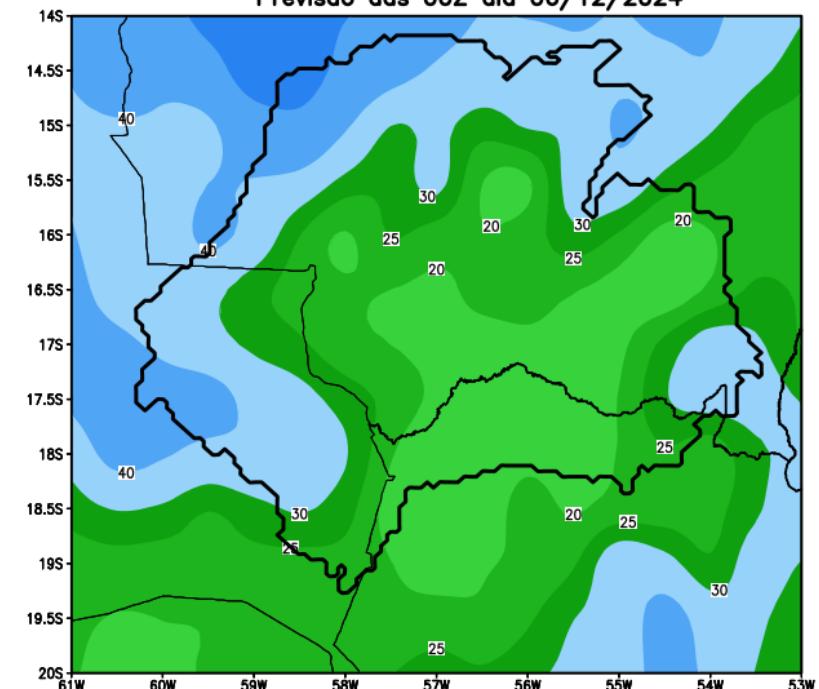
Previsão de chuva Bacia do Alto Paraguai

GEFS / Bacia do Rio Paraguai
Precipitação acumulada em 7 dias (mm)
Previsão das 00Z dia 06/12/2024



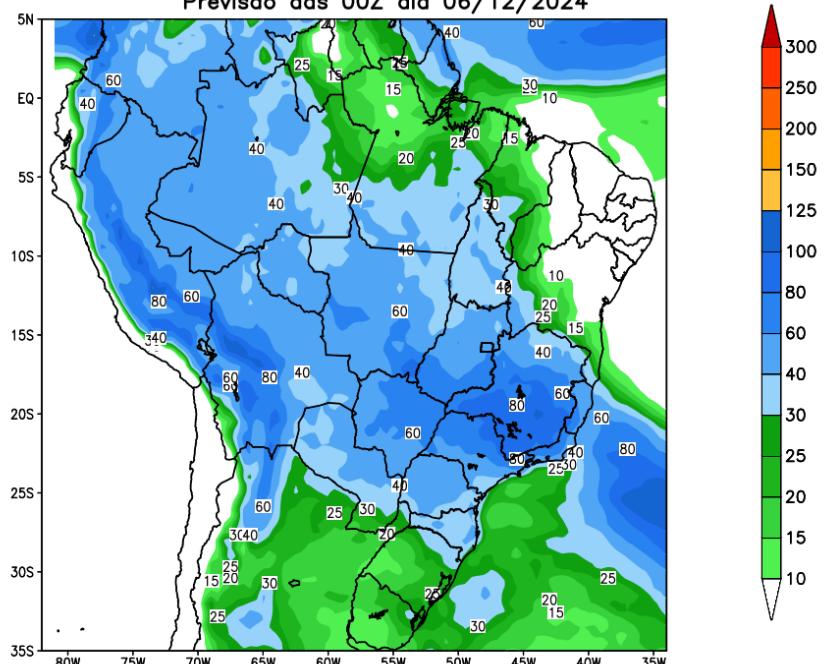
Previsão de chuva sub Bacia de Ladário

GEFS / Bacia Ladario
Precipitacao acumulada em 7 dias (mm)
Previsao das 00Z dia 06/12/2024

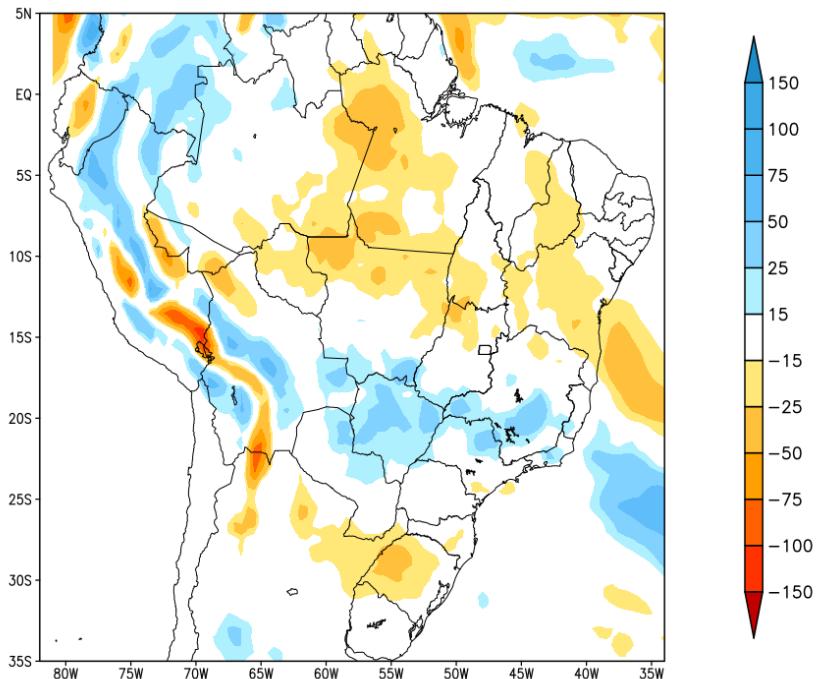


Tendência para a segunda semana

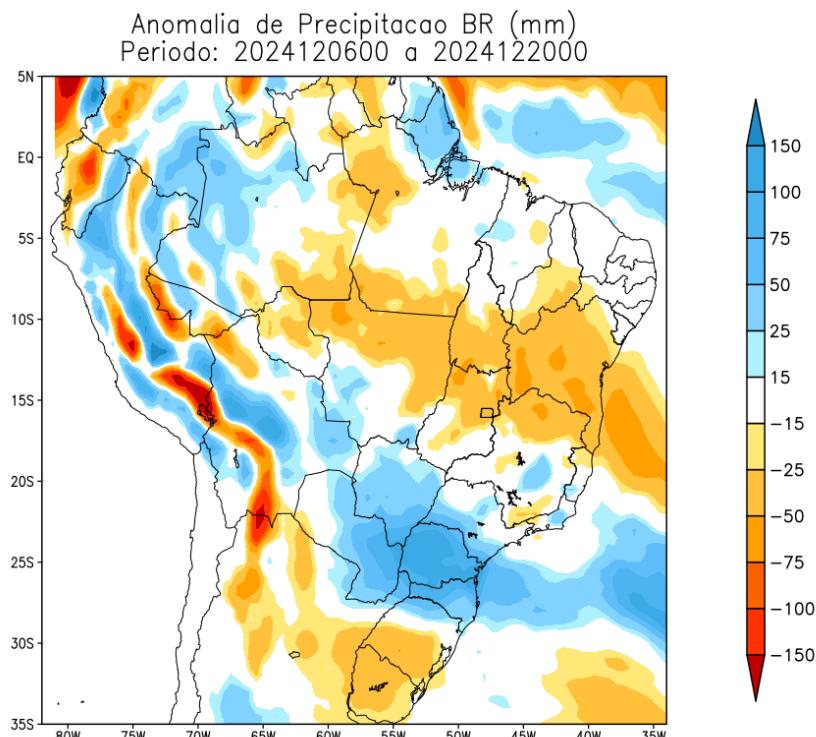
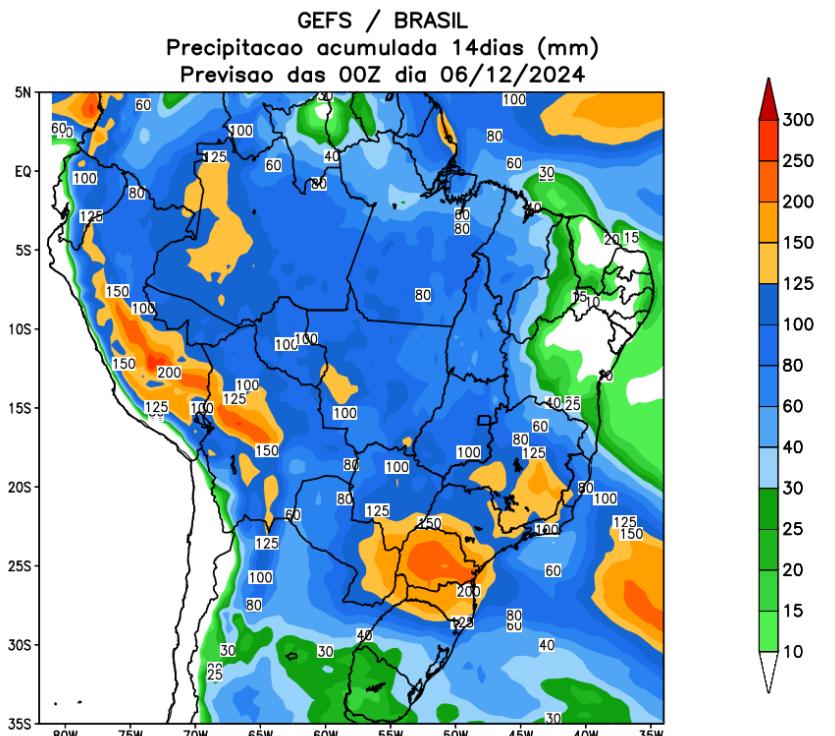
GEFS / BRASIL
Precipitacao acumulada 2aSem (mm)
Previsao das 00Z dia 06/12/2024



Anomalia de Precipitacao BR (mm)
Periodo: 2024121400 a 2024122000

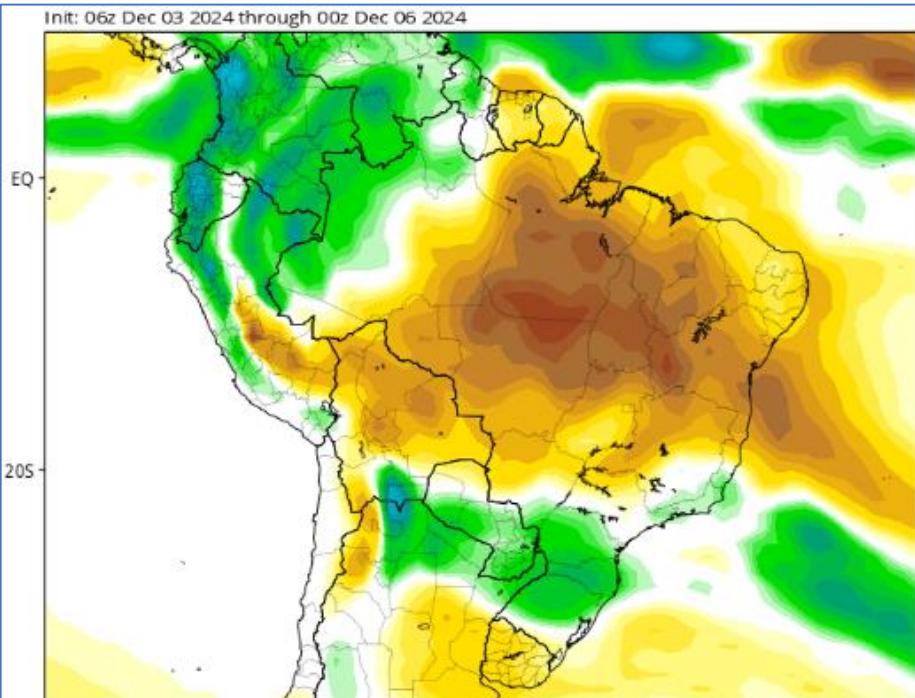


Tendência para as próximas duas semanas

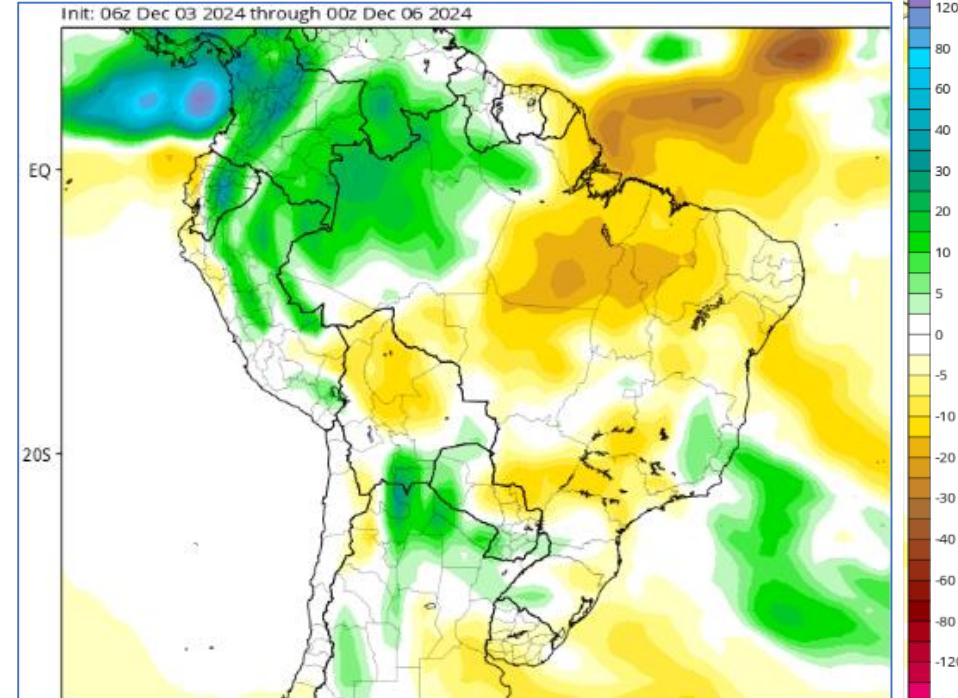


Tendência 3a e 4a semanas

20-27 Dez

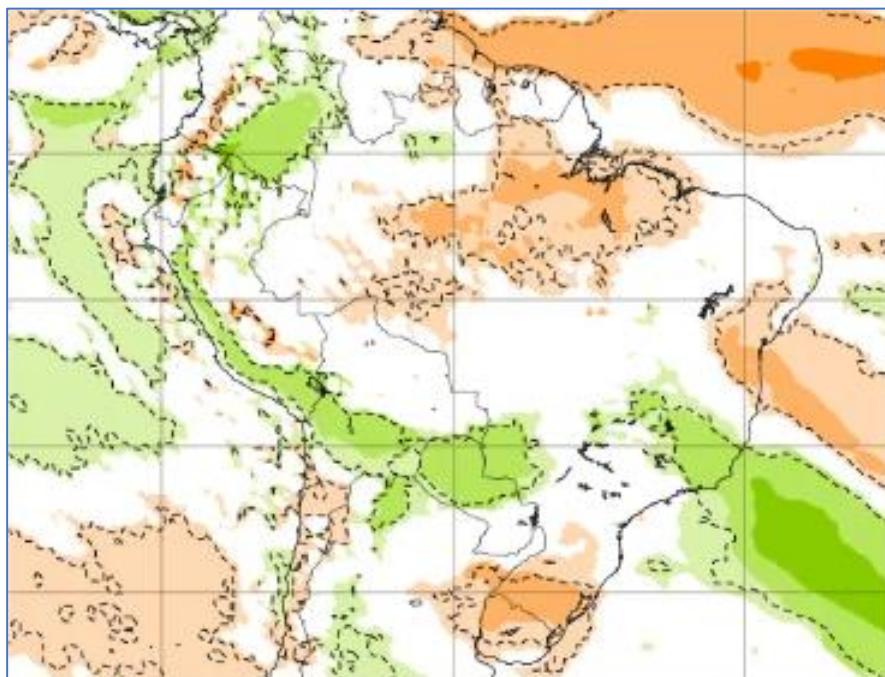


27 Dez-03 Jan

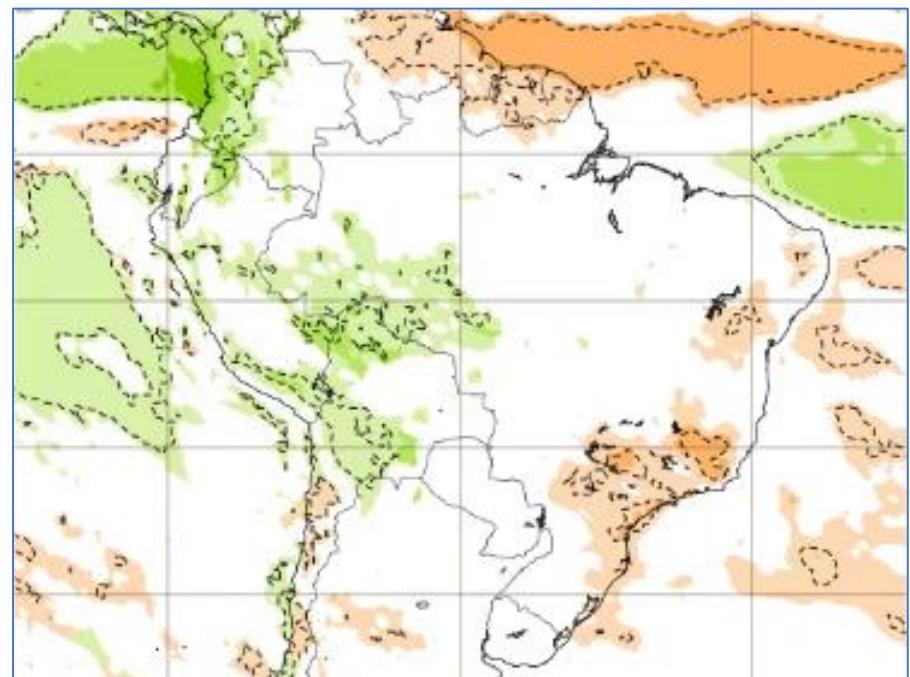


Tendência para 3^a e 4^a semanas

16- 23 Dez

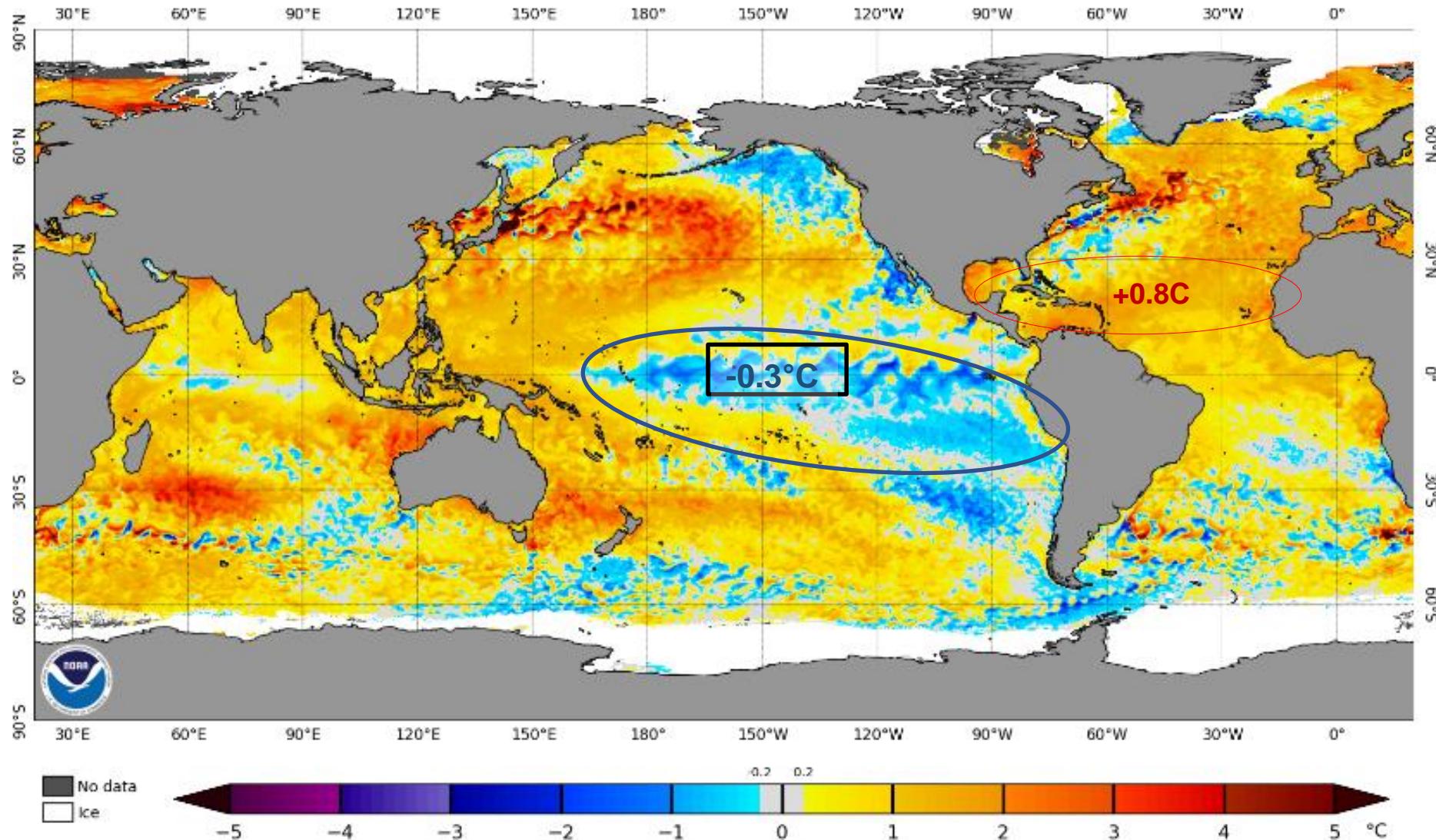


23-30 Dez



Status Atual: La Niña Watch

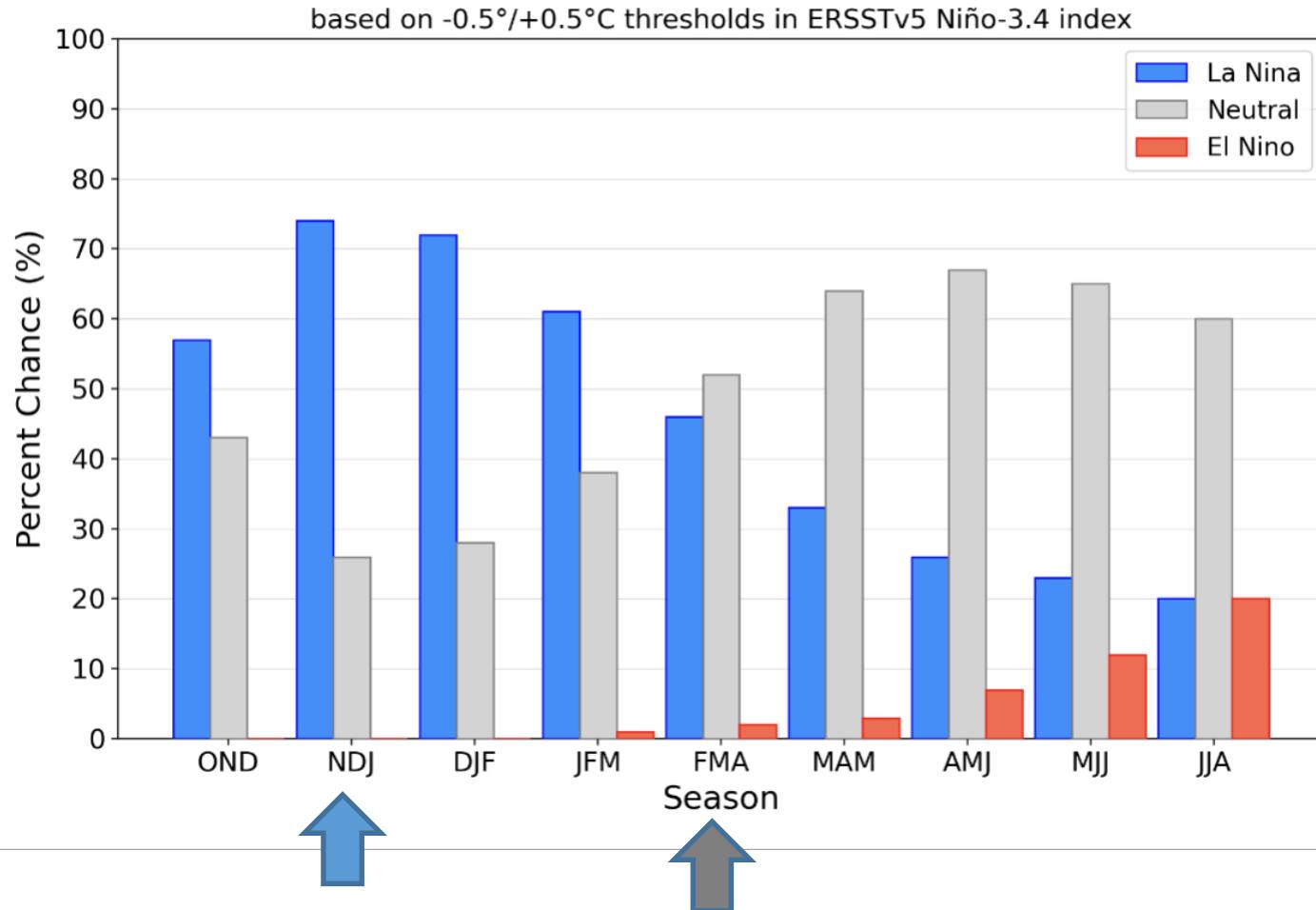
NOAA Coral Reef Watch Daily 5km SST Anomalies (v3.1) 4 Dec 2024



FONTE: NOAA

Previsão do “ENSO”

Official NOAA CPC ENSO Probabilities (issued November 2024)



Previsão Sazonal de Chuva Multi-Modelo

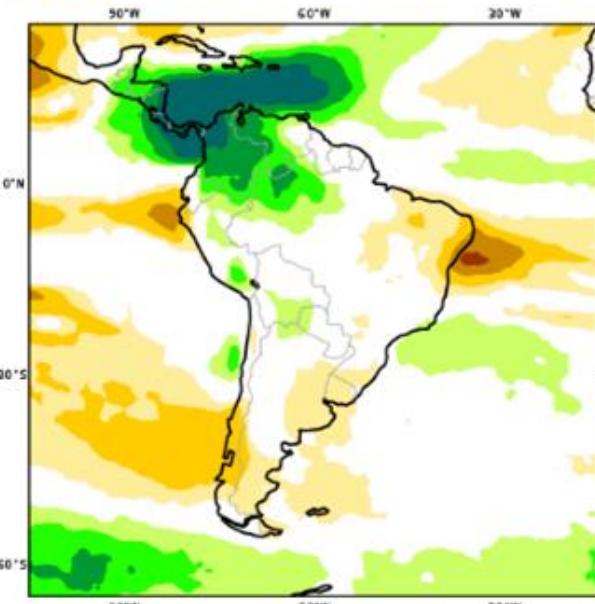
Dezembro-Janeiro-Fevereiro

C3S multi-system seasonal forecast

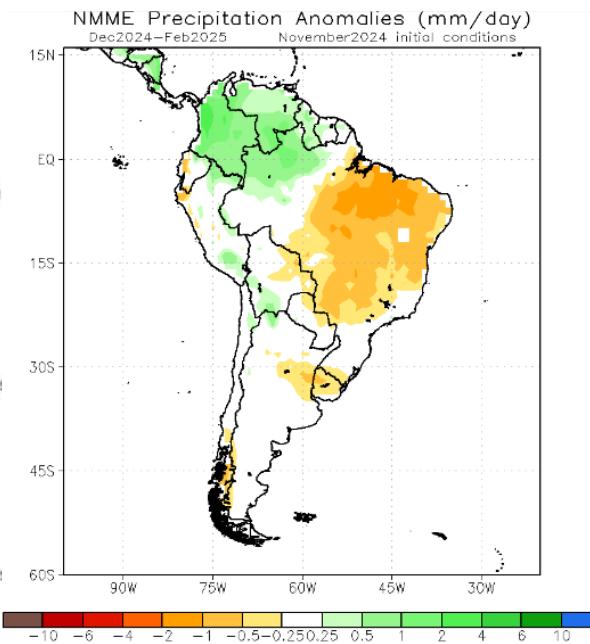
Prob(most likely category of precipitation)

Nominal forecast start: 01/11/24

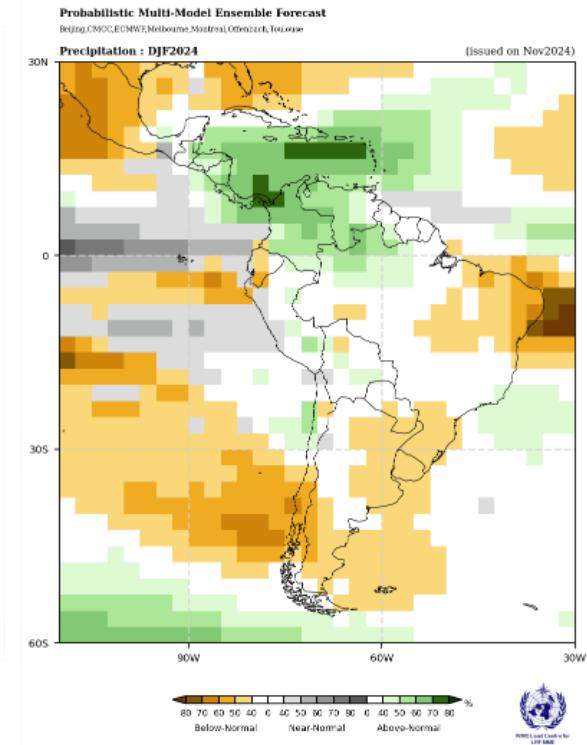
Unweighted mean



Modelos Europeus



Modelos Norte Americanos



Modelos da WMO

