



CEMADEN

Centro Nacional de Monitoramento e
Alertas de Desastres Naturais

Sala de Acompanhamento da Região Norte

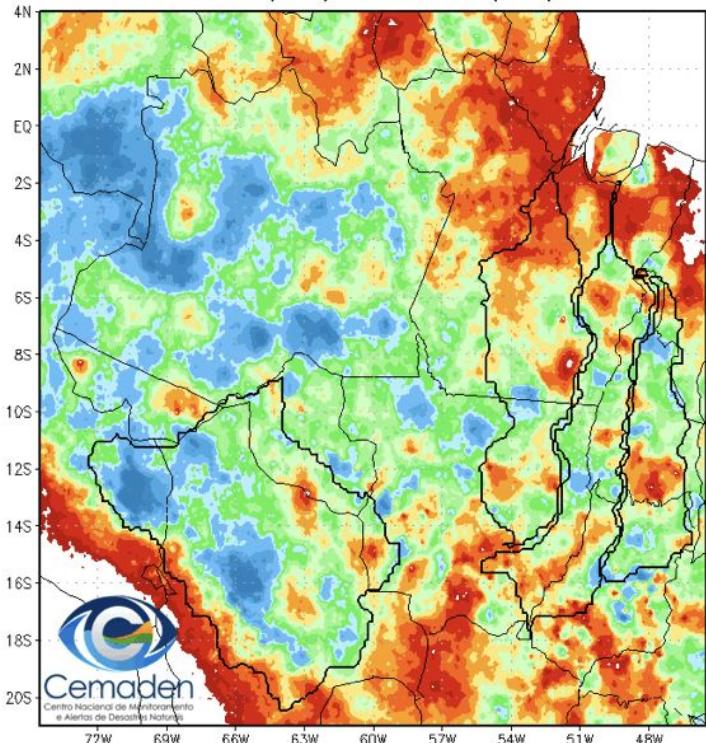
CEMADEN/MCTI

Dezembro de 2025

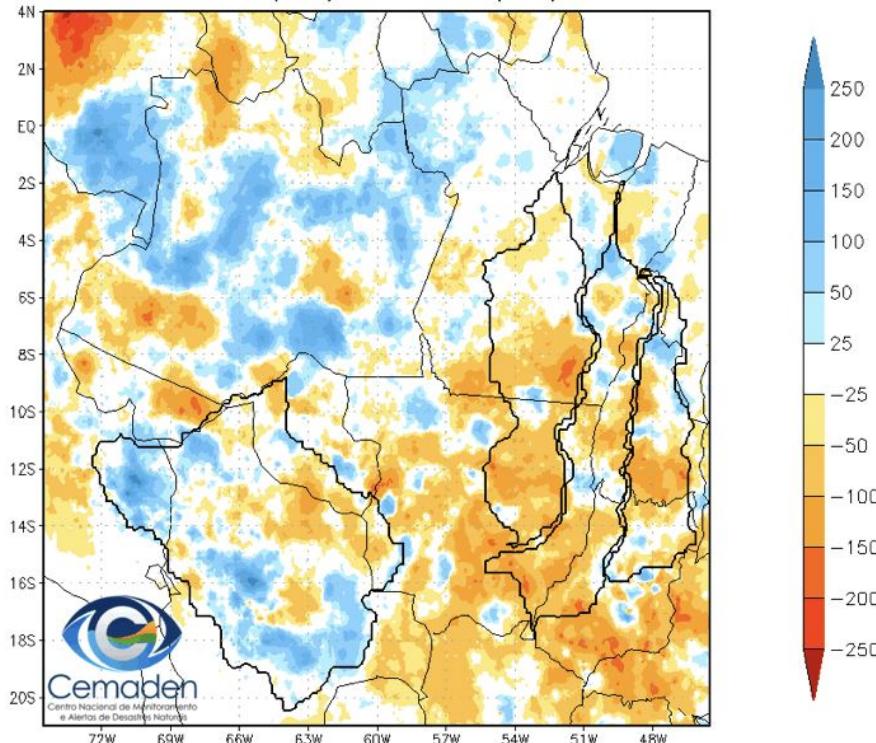


PRECIPITAÇÃO : ÚLTIMOS 30 DIAS

Precipitação Acumulada (mm) A.S.
Período: 03/11/2025 a 03/12/2025

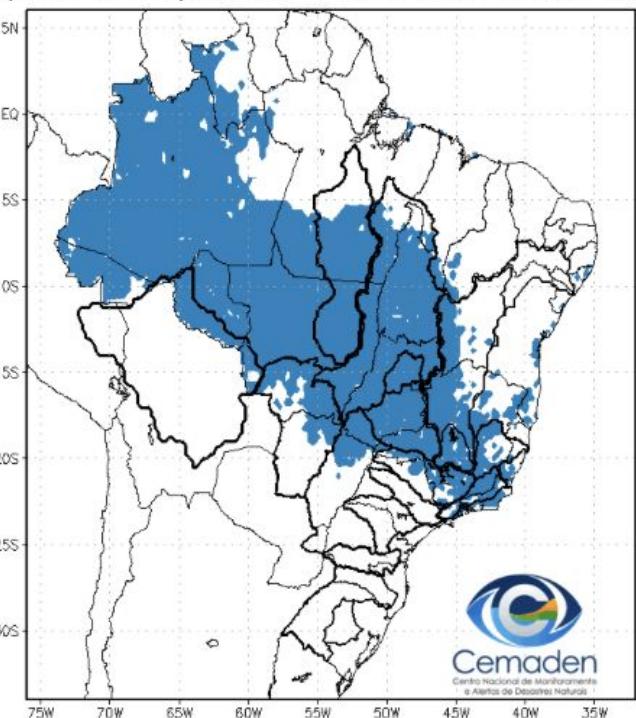


Anomalia de Precipitação (mm) A.S.
Período: 03/11/2025 a 03/12/2025

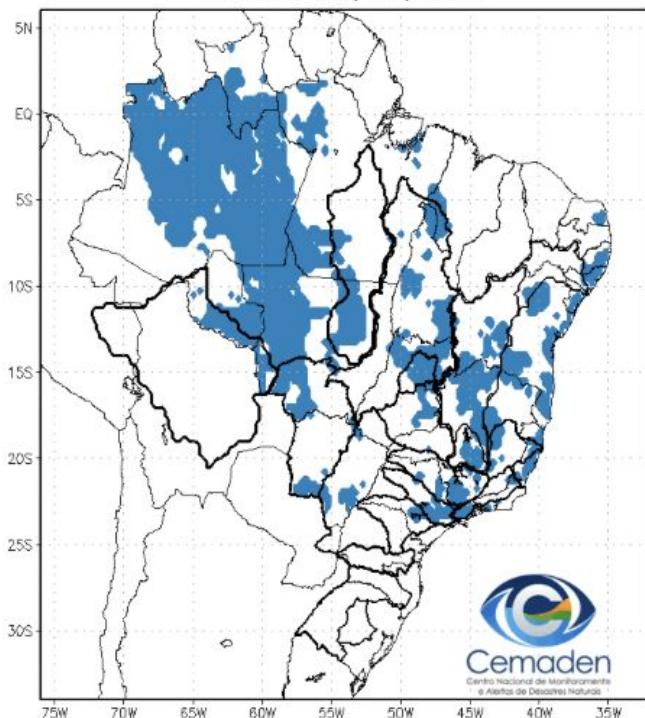


SITUAÇÃO DA ESTAÇÃO CHUVOSA

Climatologia da Precipitação (1999–2024)
Superior 3 mm/dia em 4 de 5 dias Período: 03/12



Precipitação Superior 3 mm/dia em 4 de 5 dias
Período: 03/12/2025



Monitoramento da situação da seca na Região Norte

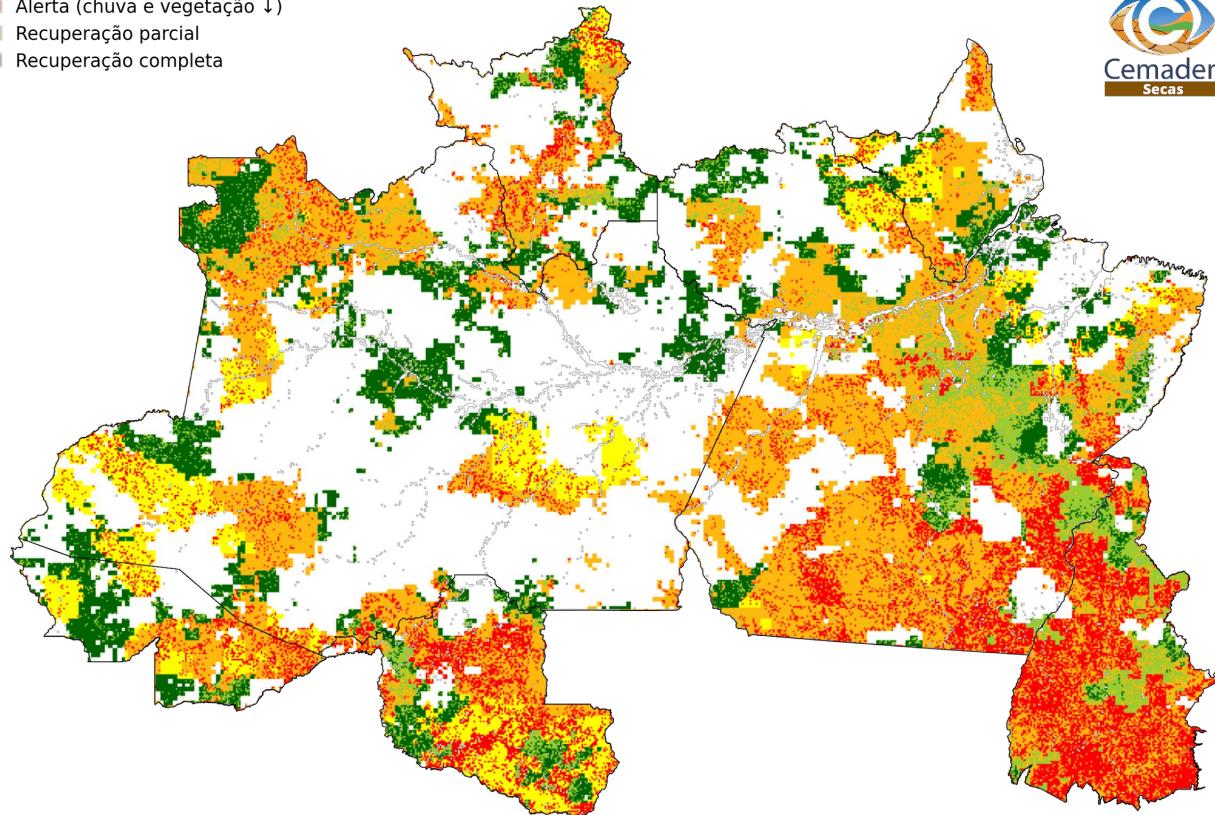
DEZEMBRO/ 2025



PROGRESSÃO E INTENSIFICAÇÃO DAS CONDIÇÕES DE SECA (PICS)

Progressão da seca

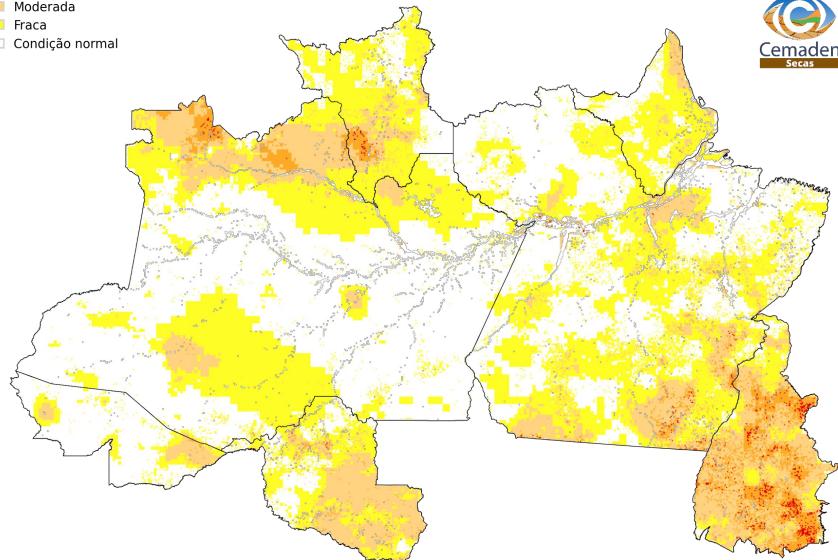
- Condição normal
- Observação (chuva ↓)
- Atenção (chuva e umid. solo ↓)
- Alerta (chuva e vegetação ↓)
- Recuperação parcial
- Recuperação completa



ÍNDICE INTEGRADO DE SECA - IIS (SPI + VHI + AUS): NOVEMBRO/2025

IIS-03 em ponto de grade

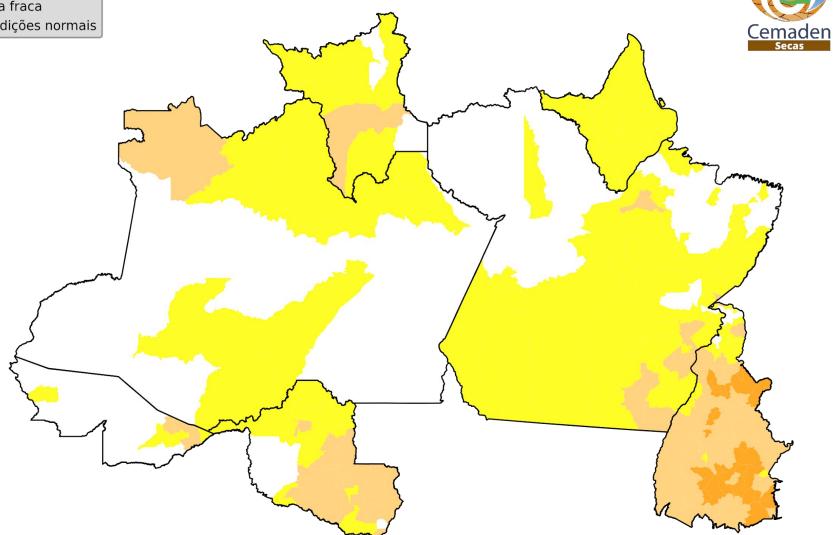
Classes de seca
Excepcional
Extrema
Severa
Moderada
Fraca
Condição normal



Índice Integrado de Seca - 3 meses (IIS3)
novembro 2025
Fonte: Cemaden/MCTI

IIS-03 município

Classes de seca
Seca excepcional
Seca extrema
Seca severa
Seca moderada
Seca fraca
Condições normais



Número de municípios por classes de seca:
Seca excepcional: 0 (0.0%)
Seca extrema: 0 (0.0%)
Seca severa: 34 (7.6%)
Seca moderada: 119 (26.4%)
Seca fraca: 141 (31.3%)
Condições normais: 156 (34.7%)

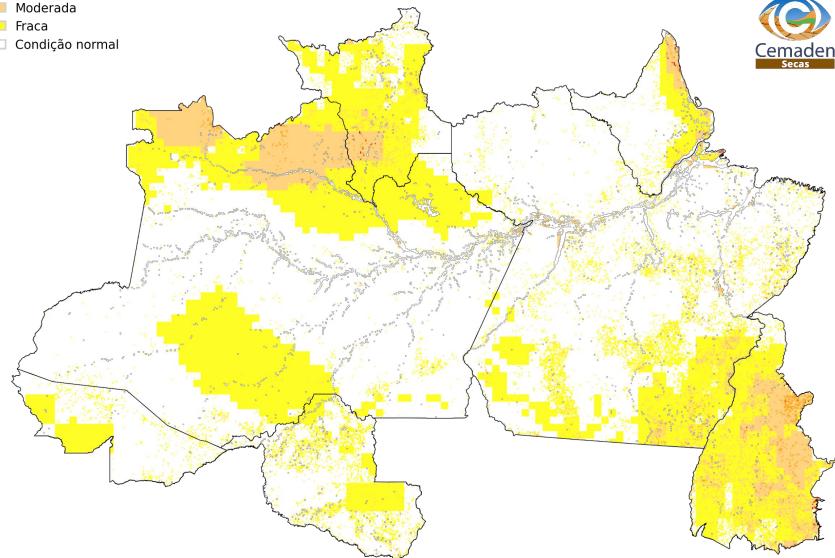
Índice Integrado de Seca - 3 meses (IIS3)
novembro 2025
Fonte: Cemaden/MCTI

ÍNDICE INTEGRADO DE SECA - IIS

PREVISÃO - DEZEMBRO/2025

IIS-03 em ponto de grade

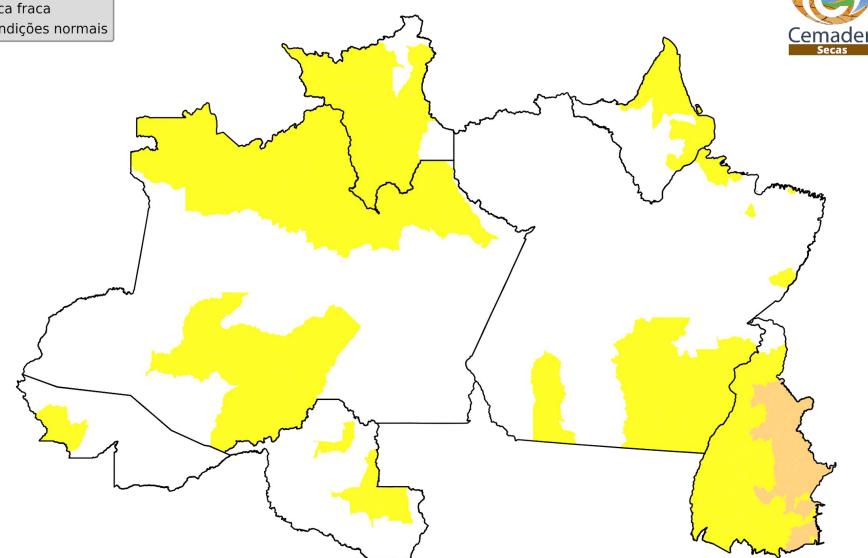
Classes de seca
■ Seca excepcional
■ Seca extrema
■ Seca severa
■ Seca moderada
■ Seca fraca
■ Condição normal



Índice Integrado de Seca - 3 meses, previsão (IIS3p)
dezembro 2025
Fonte: Cemaden/MCTI

IIS-03 município

Classe de seca
■ Seca excepcional
■ Seca extrema
■ Seca severa
■ Seca moderada
■ Seca fraca
■ Condição normal



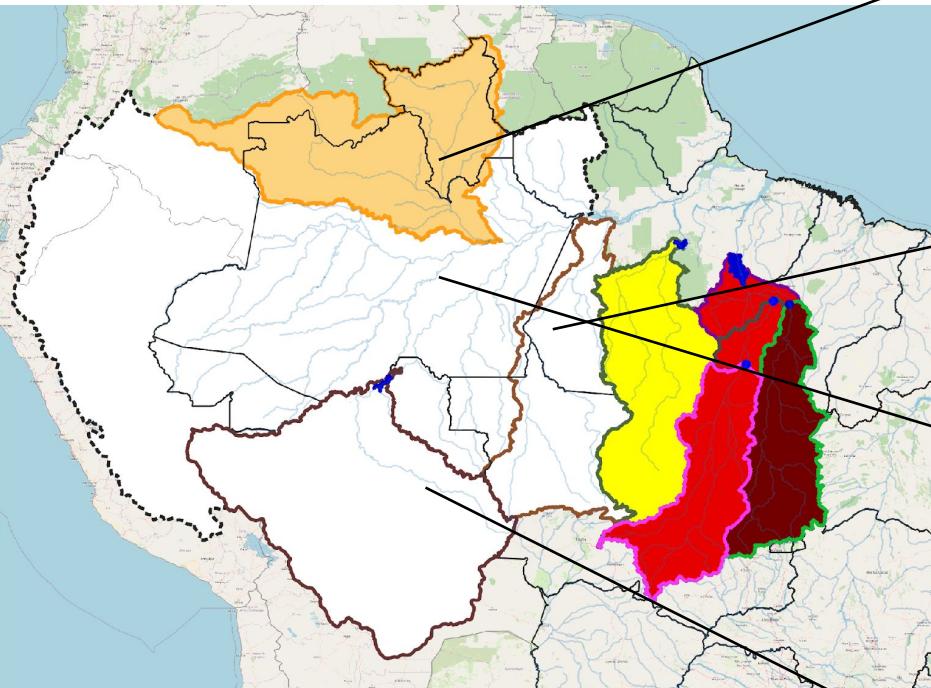
Índice Integrado de Seca - 3 meses, previsão (IIS3p)
dezembro 2025
Fonte: Cemaden/MCTI

Número de municípios por classes de seca:
Seca excepcional: 0 (0.0%)
Seca extrema: 0 (0.0%)
Seca severa: 0 (0.0%)
Seca moderada: 36 (8.0%)
Seca fraca: 162 (36.0%)
Condições normais: 252 (56.0%)

Índice Bivariado de Seca (Precipitação-Cota/Vazão) - TSI

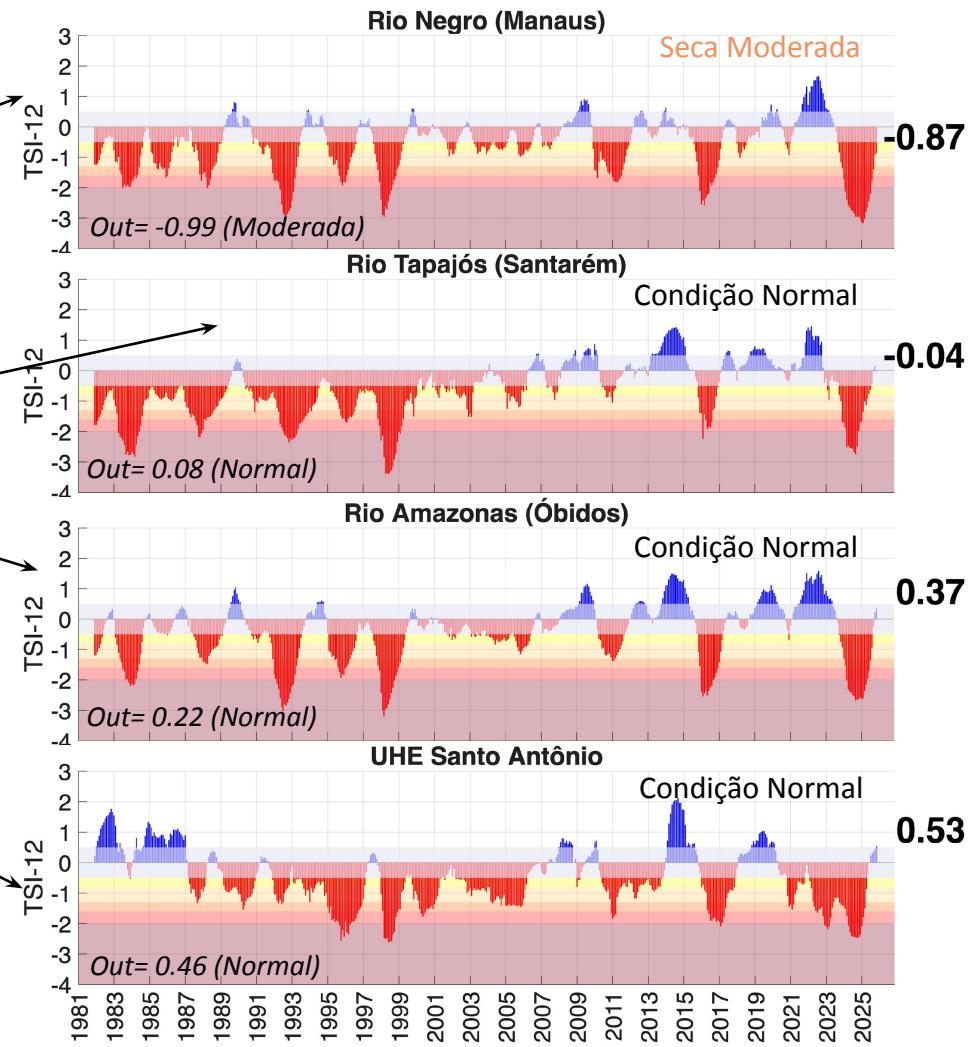
Escala de Longo Prazo: TSI-12 meses

Novembro/2025



- Bacia Est. Fluv. Manaus/Negro
- Bacia Est. Fluv. Santarém/Tapajós
- Bacia UHE Sto Antônio/Madeira
- Bacia UHE Belo Monte/Xingú
- Bacia Est. Fluv. Obidos/Amazonas
- Bacia UHE Tucurui
- Bacia Est. Fluv. Descarreto
- Bacia Est. Fluv. Araguatins
- Bacia Est. Fluv. Conc Araguaia
- Reservatórios
- Estações Fluviométricas

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

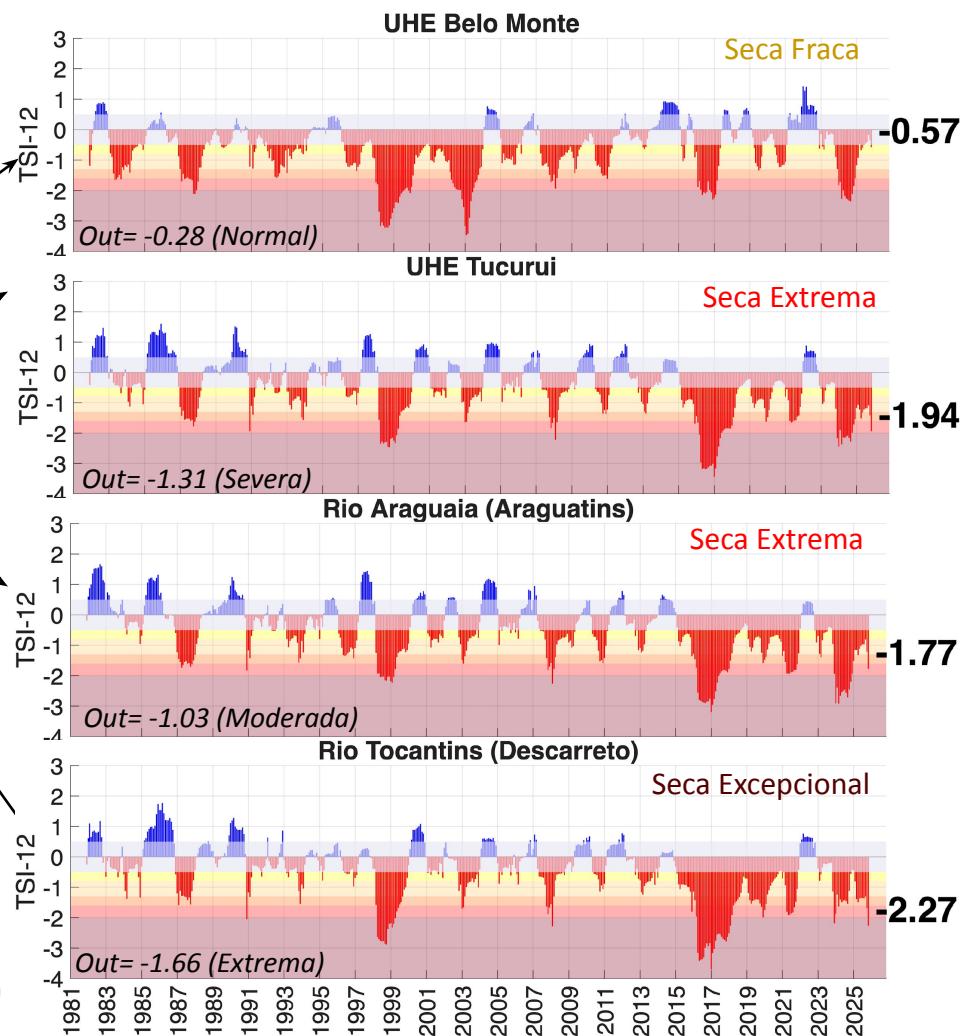
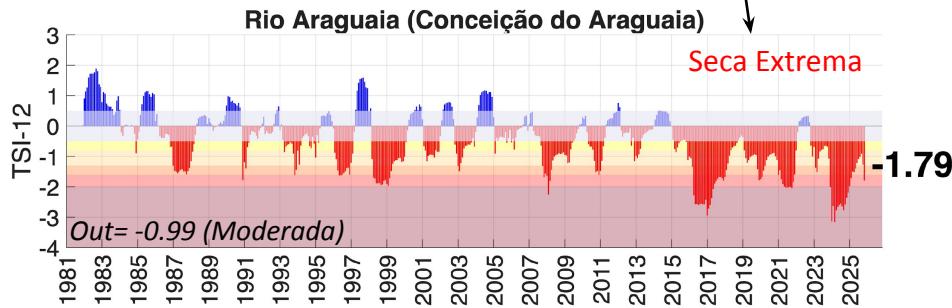
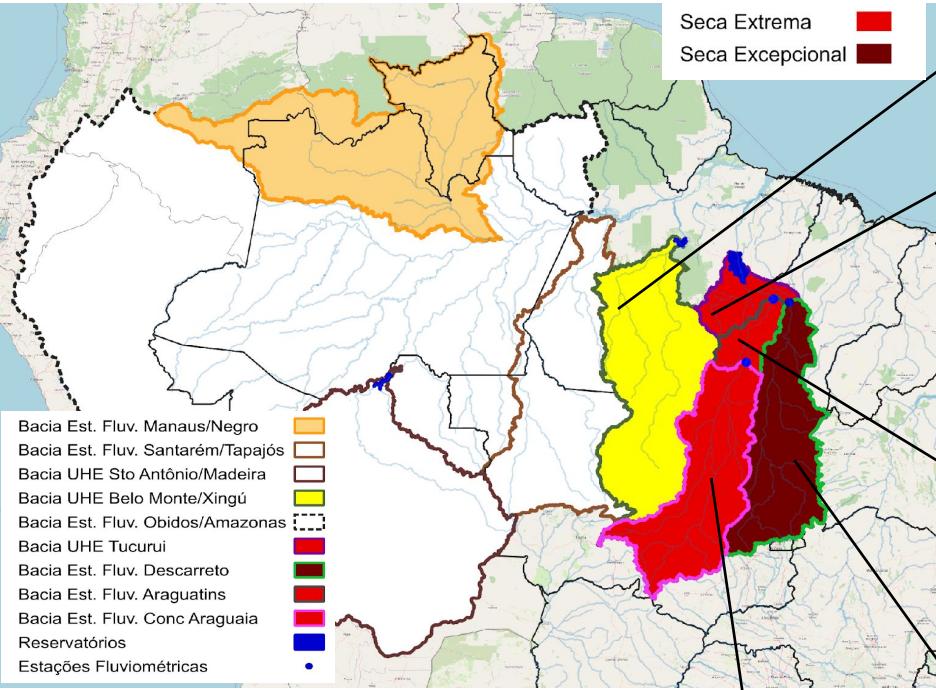


Fonte dos dados: Precipitação (Cemaden/INMET) e Vazão (ONS/ANA) - Jan/1981-Nov/2025. Estimativa TSI e Gráficos: CEMADEN

Índice Bivariado de Seca (Precipitação-Cota/Vazão) - TSI

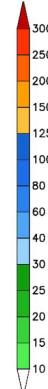
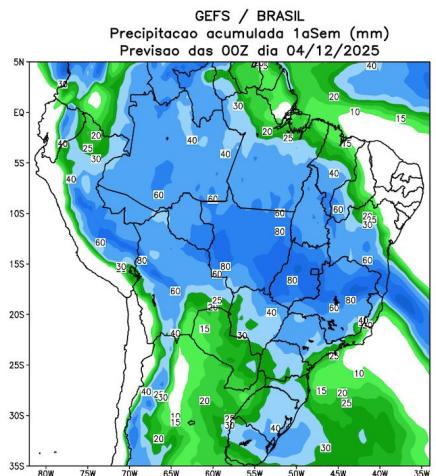
Escala de Longo Prazo: TSI-12 meses

Novembro/2025



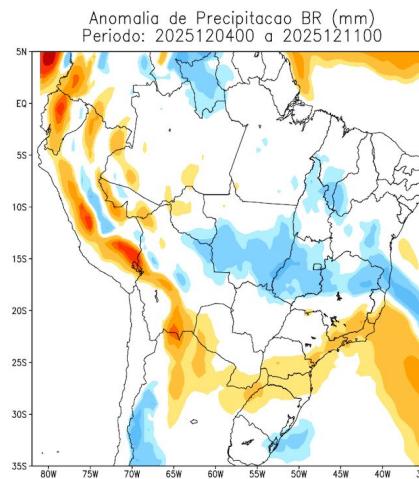
Previsão de chuva próximas duas semanas

chuva: acumulada

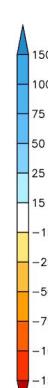
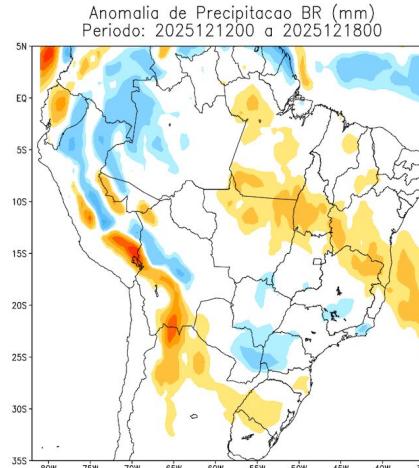
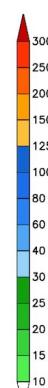
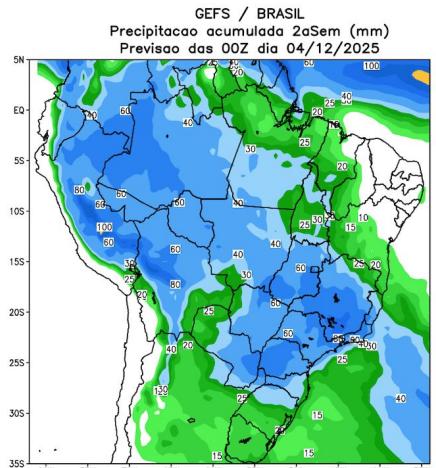


Semana 1

chuva: anomalia



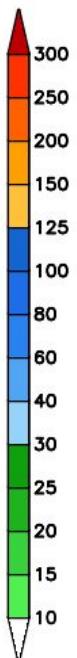
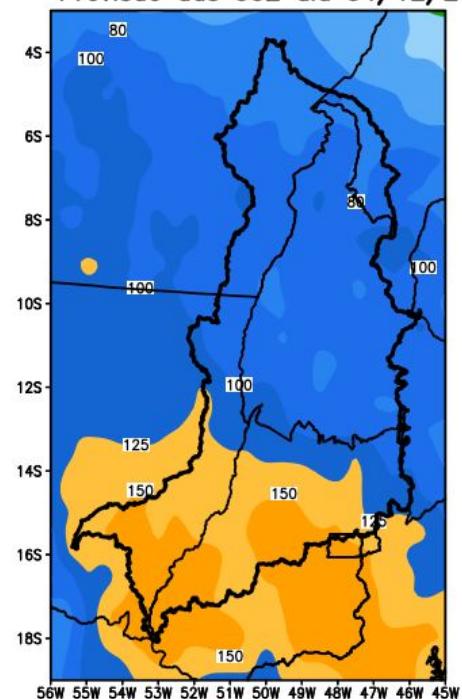
Semana 2



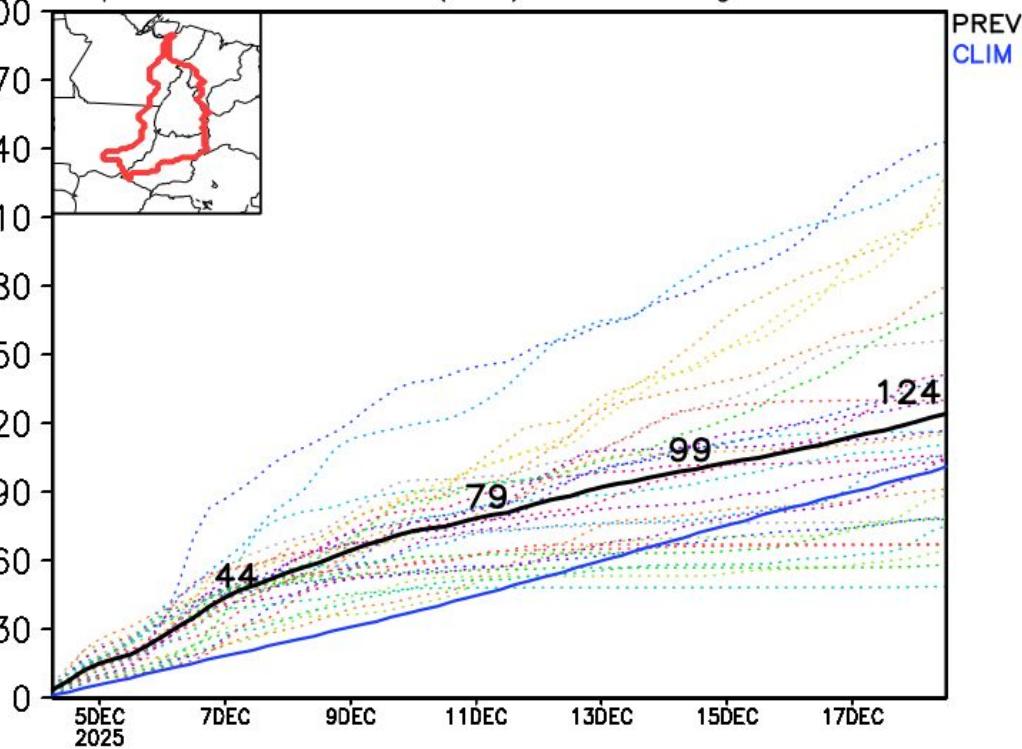
Previsão de chuva próximas duas semanas

Rio Araguaia-Tocantins

GEFS / Bacia Araguaia-Tocantins
Precipitação acumulada em 14 dias (mm)
Previsão das 00Z dia 04/12/2025

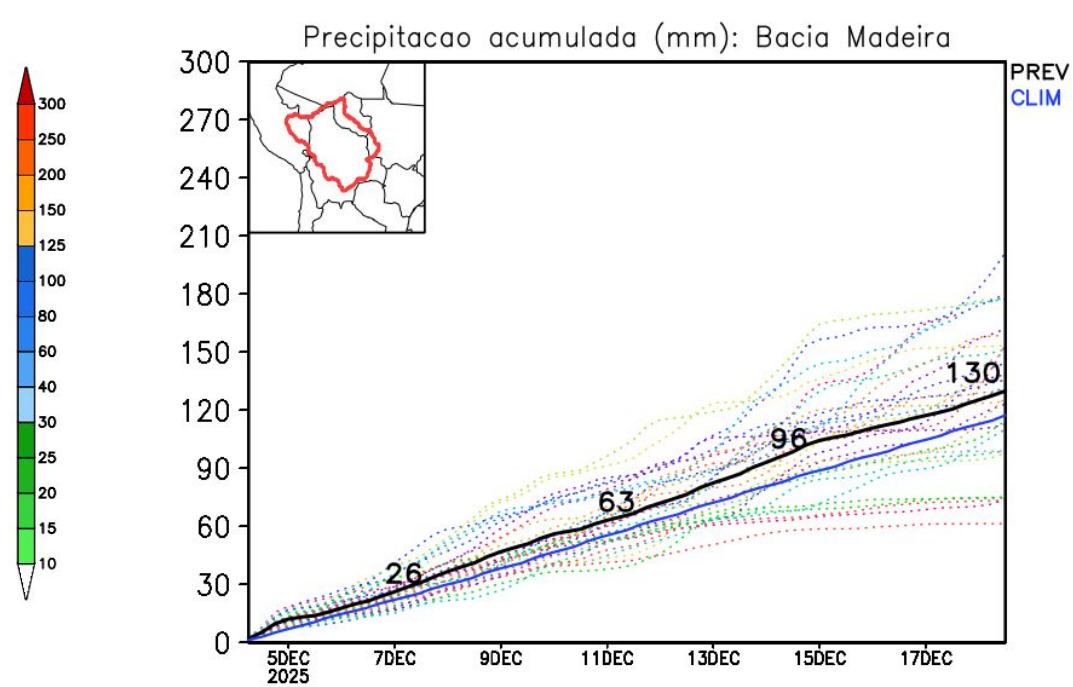
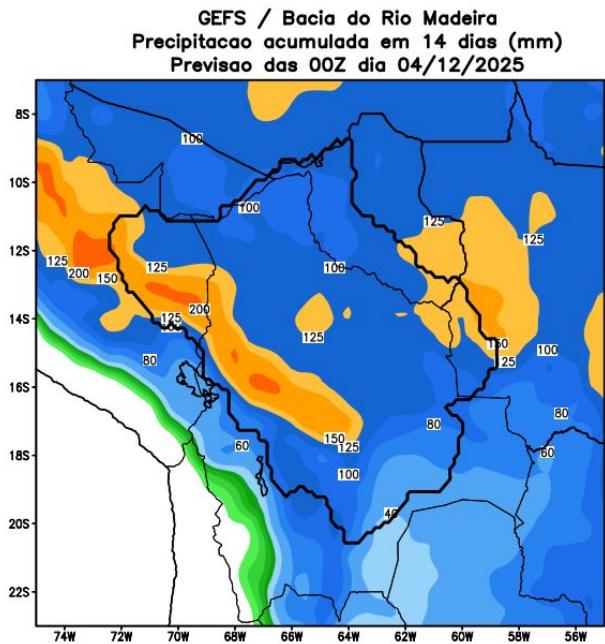


Precipitação acumulada (mm): Bacia Araguaia-Tocantins



Previsão de chuva próximas duas semanas

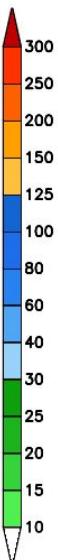
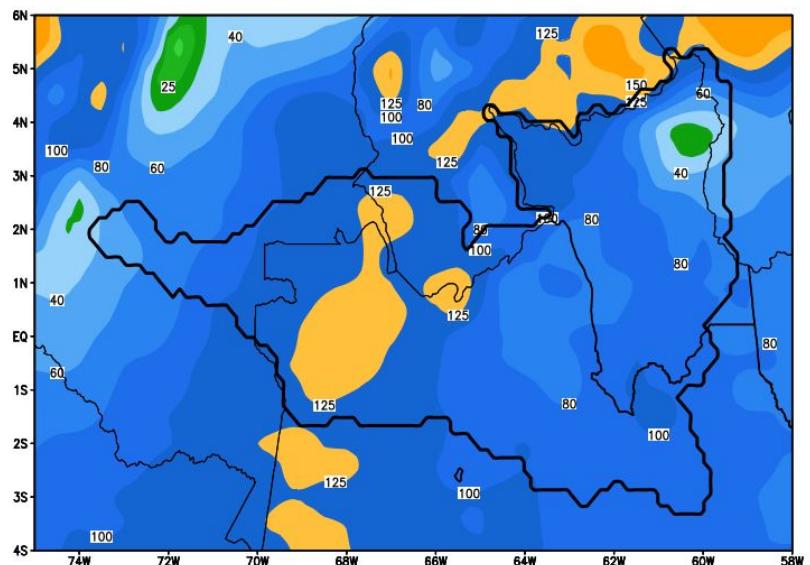
Rio Madeira



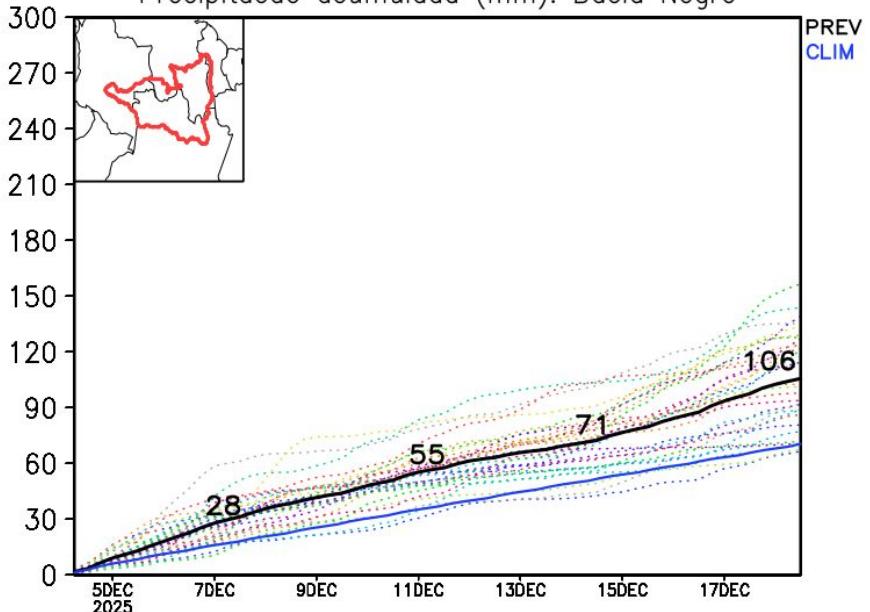
Previsão de chuva próximas duas semanas

Rio Negro

GEFS / Bacia do Rio Negro
Precipitação acumulada em 14 dias (mm)
Previsão das 00Z dia 04/12/2025

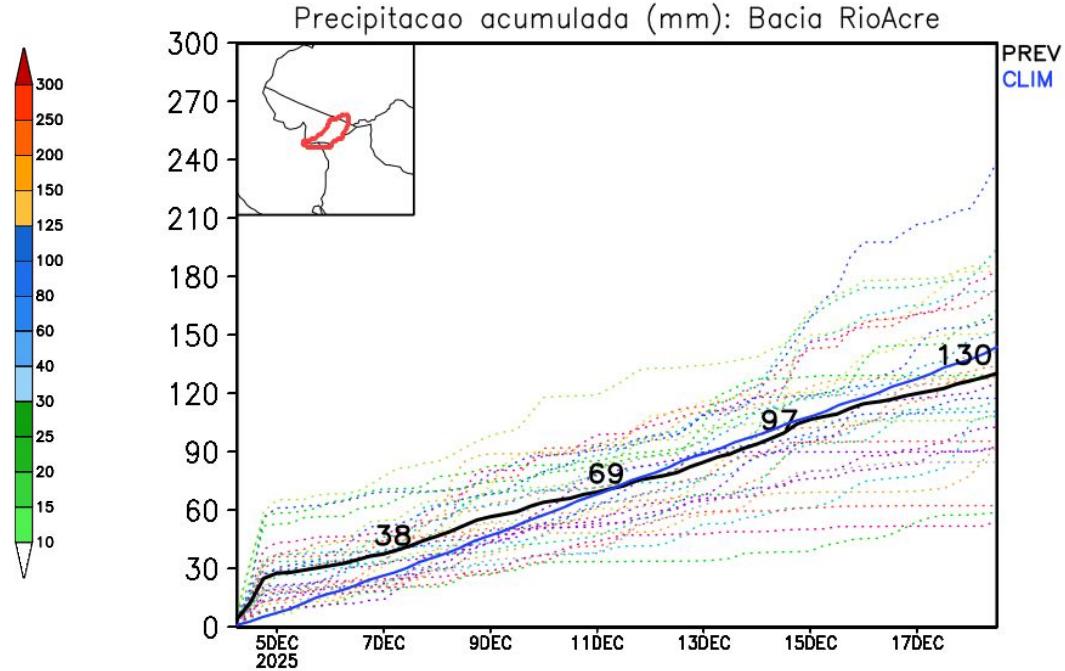
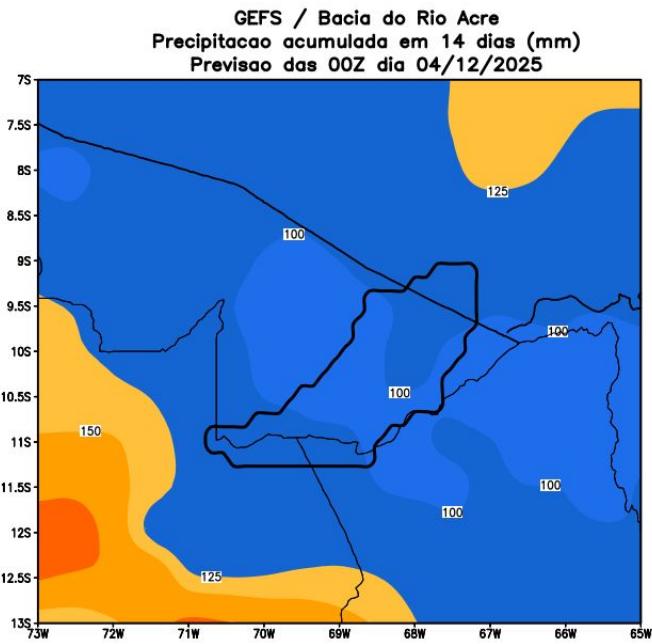


Precipitação acumulada (mm): Bacia Negro



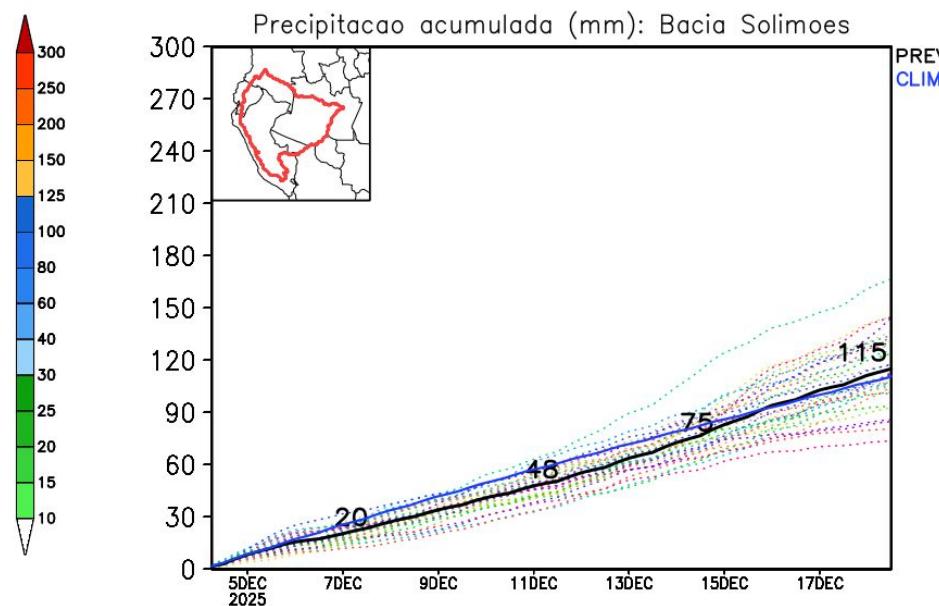
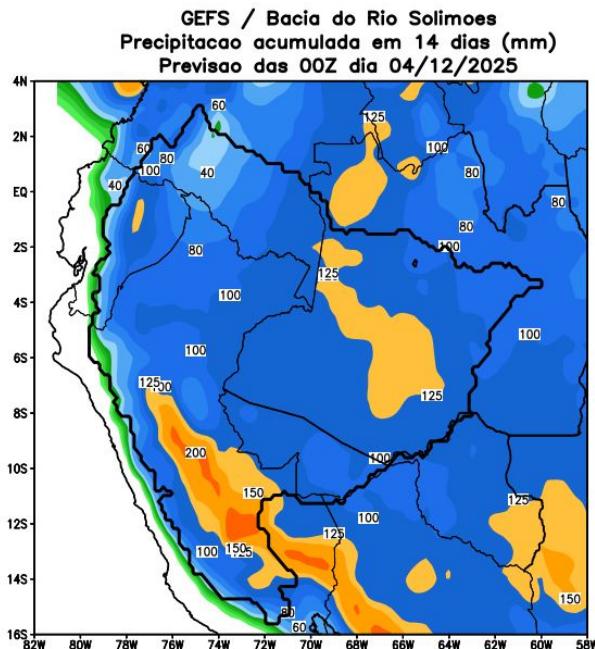
Previsão de chuva próximas duas semanas

Rio Acre



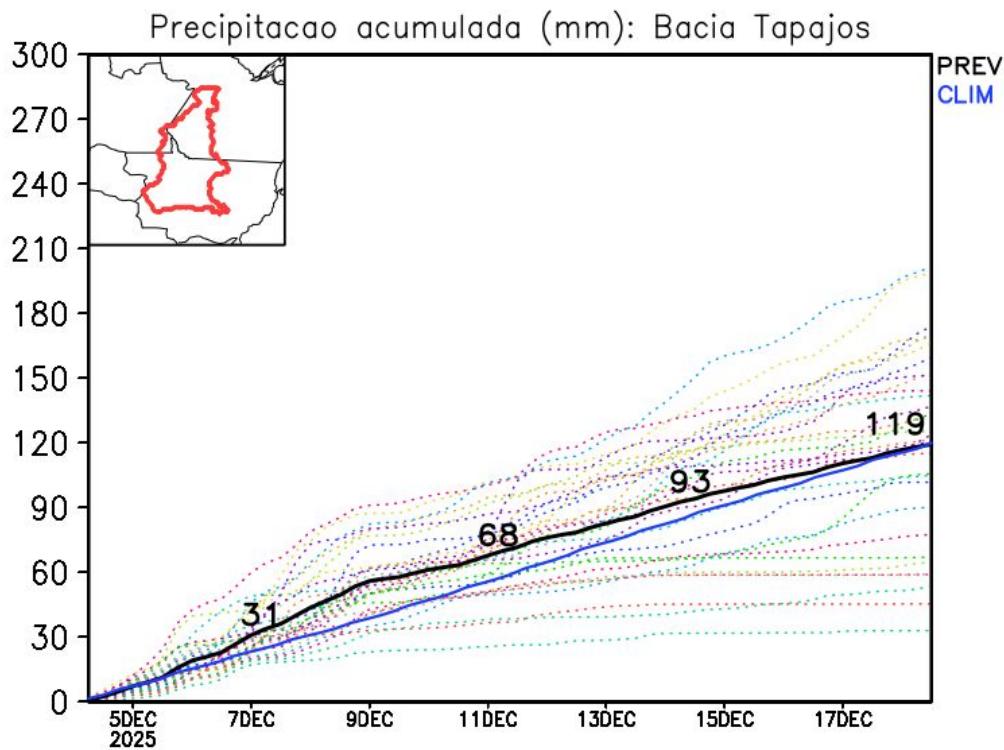
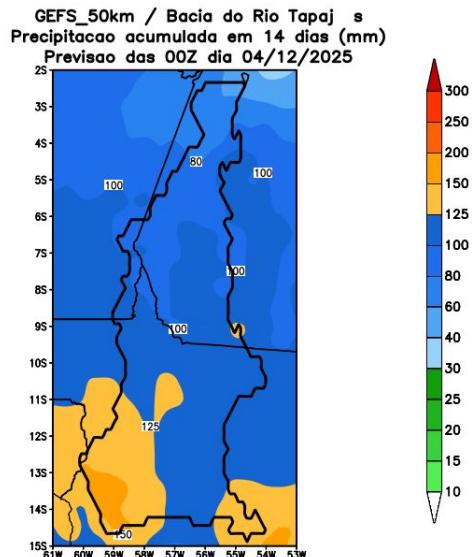
Previsão de chuva próximas duas semanas

Rio Solimões



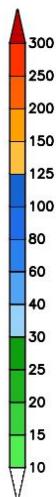
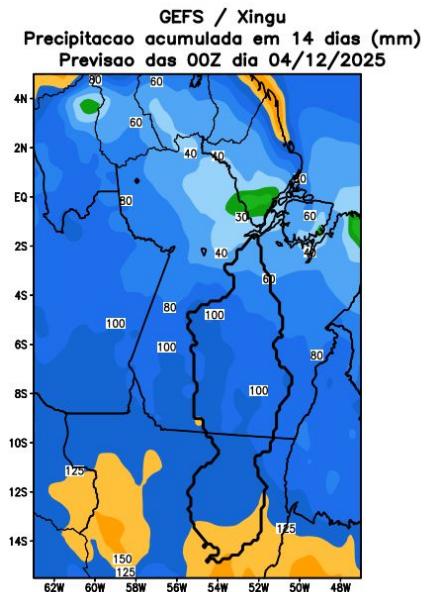
Previsão de chuva próximas duas semanas

Rio Tapajós

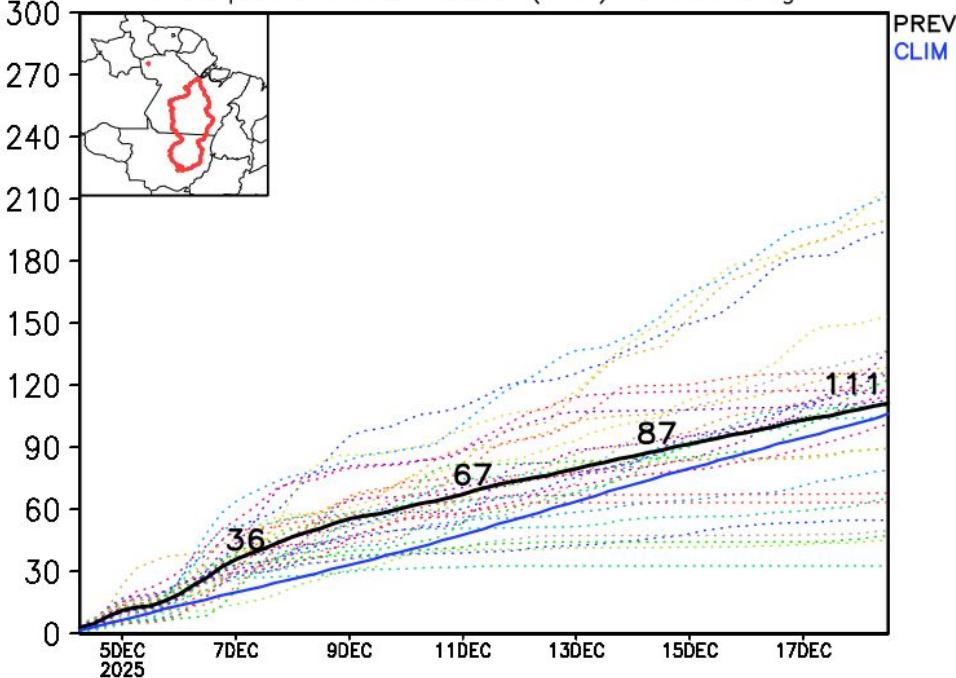


Previsão de chuva próximas duas semanas

Rio Xingu



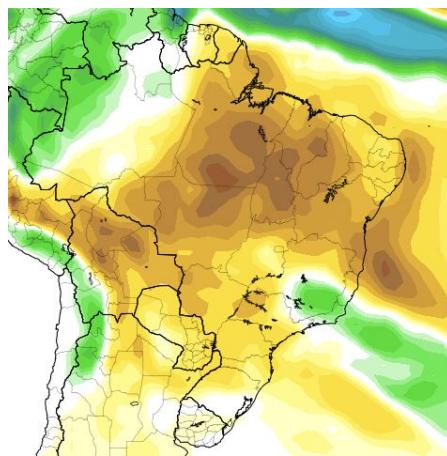
Precipitação acumulada (mm): Bacia Xingu



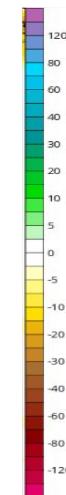
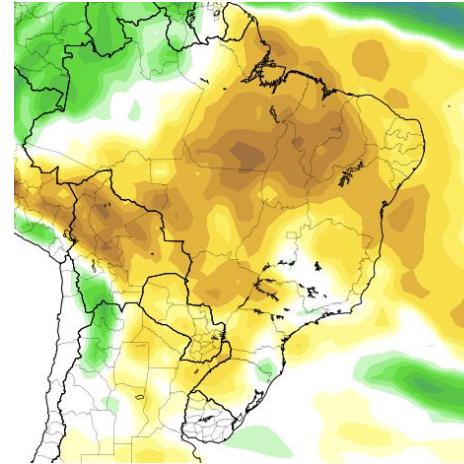
Anomalia de Chuva 3a e 4a semanas

Centro Americano
CFS/NOAA

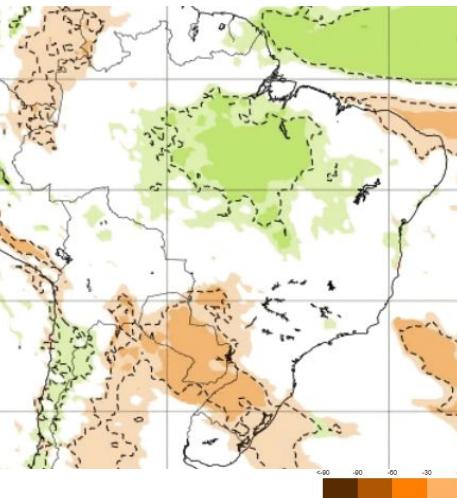
25 -01 Janeiro



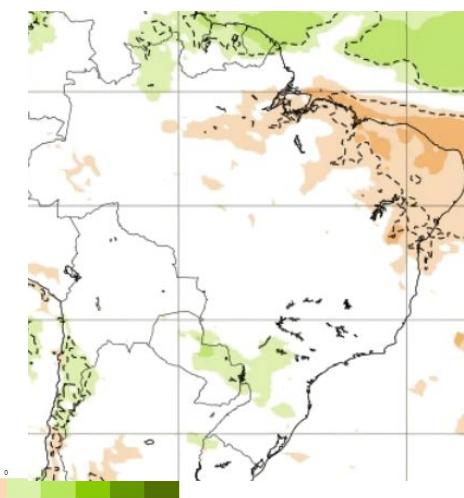
01-07 Janeiro



Centro Europeu
ECMWF



22 -28 Dezembro

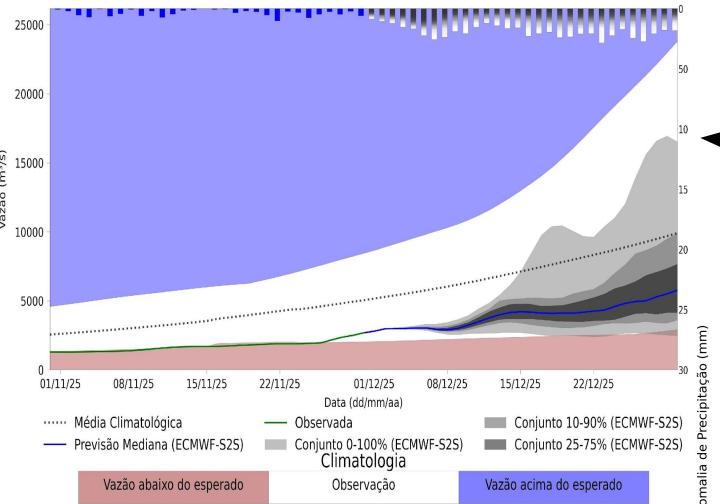


29-04 Janeiro

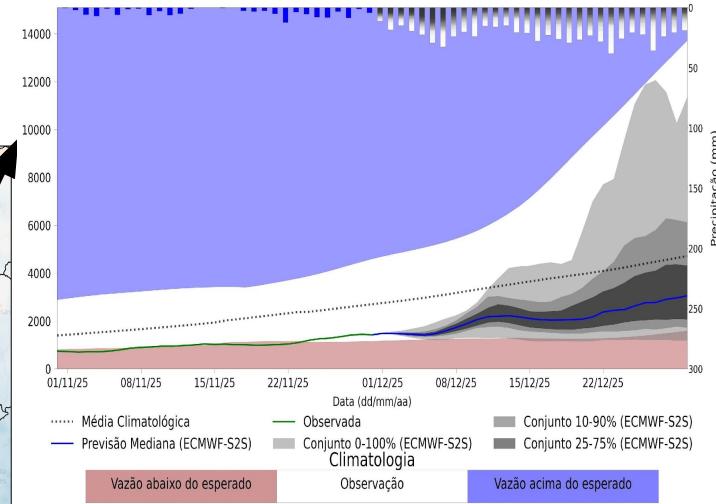
Previsão de vazão natural na Bacia Rio Tocantins-Araguaia

Previsão: 30/11/2025 a 30/12/2025

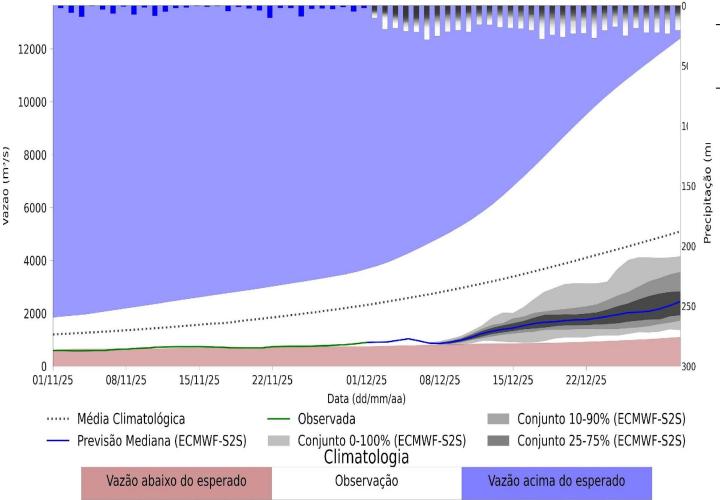
UHE Tucuruí



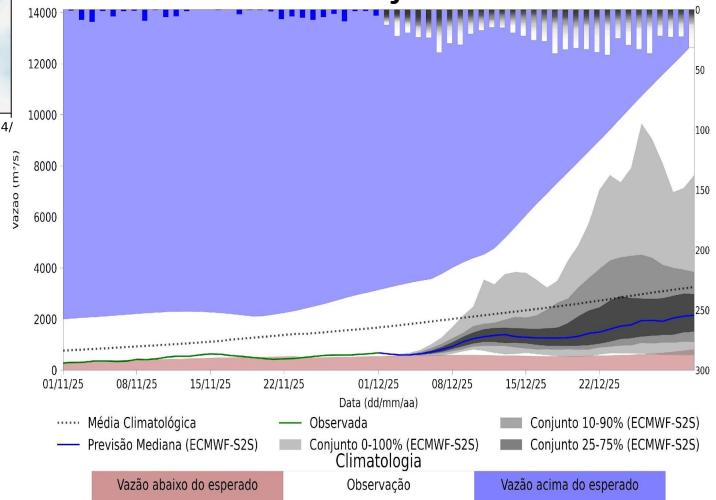
UHE Estreito



Araguatins - TO



UHE Lajeado

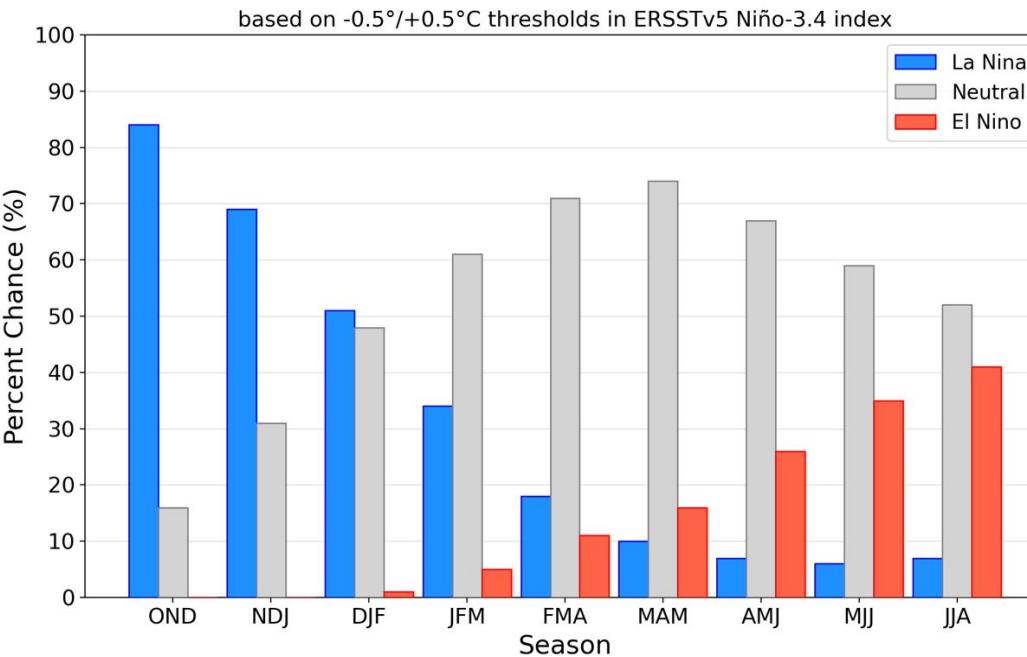


Fonte: Meteorologia (INMET/MERGE);
Vazão (ANA/ONS)
MLT: 1993-2024
Previsão Meteorológica: ECMWF-S2S

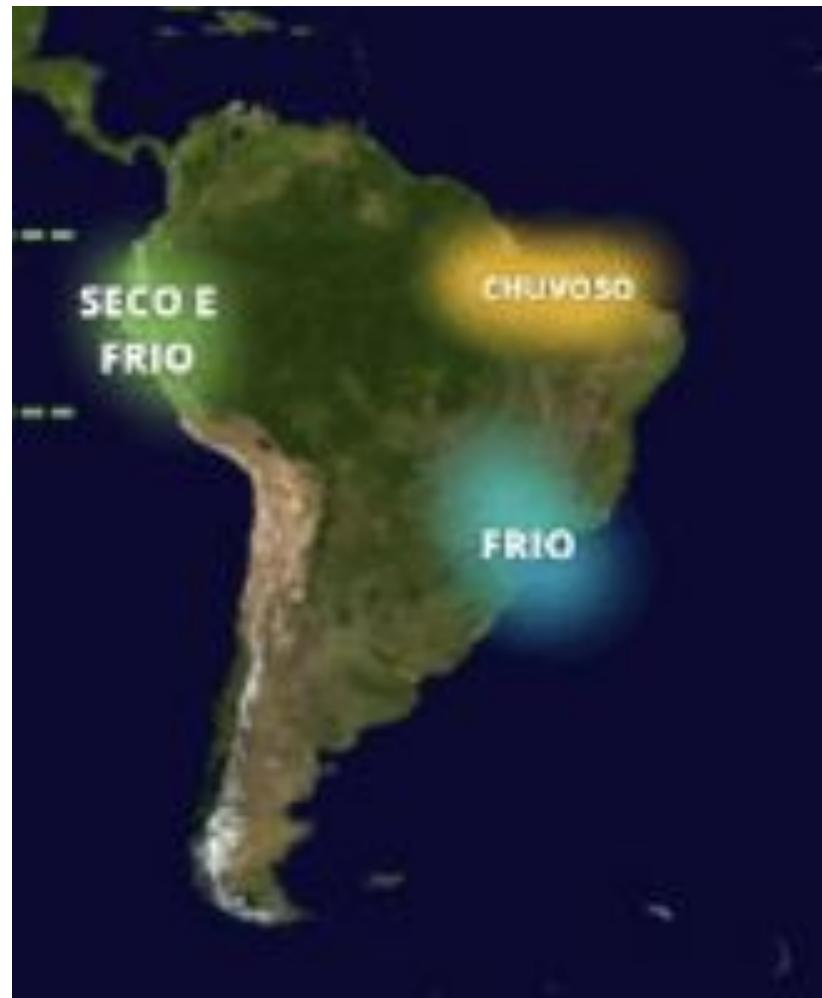
Fonte: Meteorologia (INMET/MERGE);
Vazão (ANA/ONS)
MLT: 1993-2024
Previsão Meteorológica: ECMWF-S2S

Previsão do “ENSO”

Official NOAA CPC ENSO Probabilities (issued November 2025)

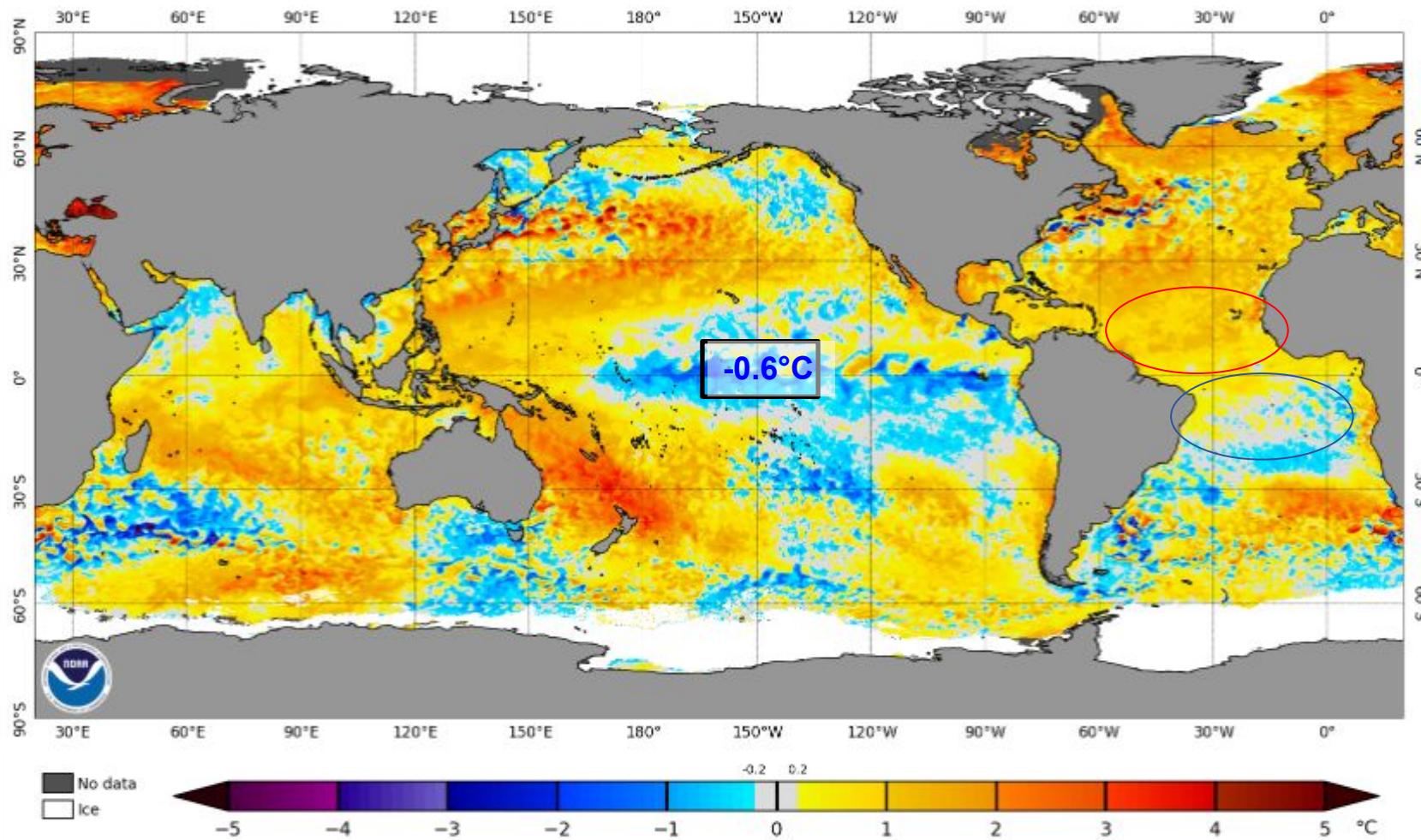


Impacto: La Niña



Status Atual: La Niña

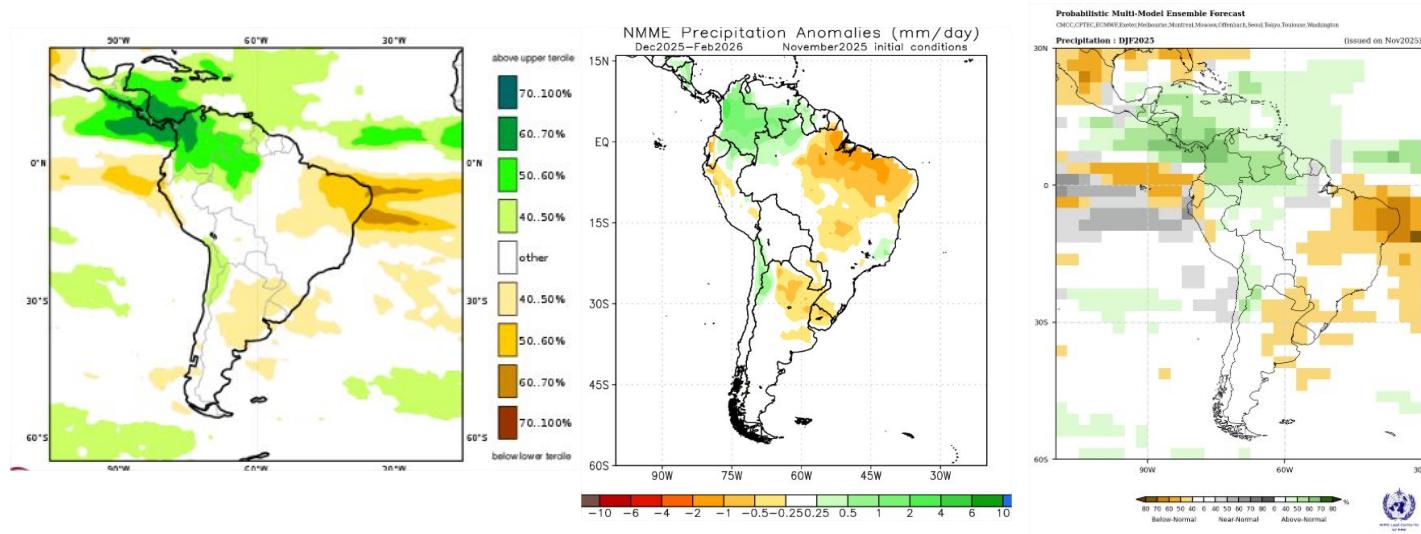
NOAA Coral Reef Watch Daily 5km SST Anomalies (v3.1) 30 Nov 2025



FONTE: NOAA

Previsão Sazonal de Chuva Multi-Modelo

Dezembro-Janeiro-Fevereiro



Modelos Europeus

Modelos Norte
Americanos

Modelos da WMO