



CEMADEN

Centro Nacional de Monitoramento e
Alertas de Desastres Naturais

Sala de Acompanhamento da Região Norte

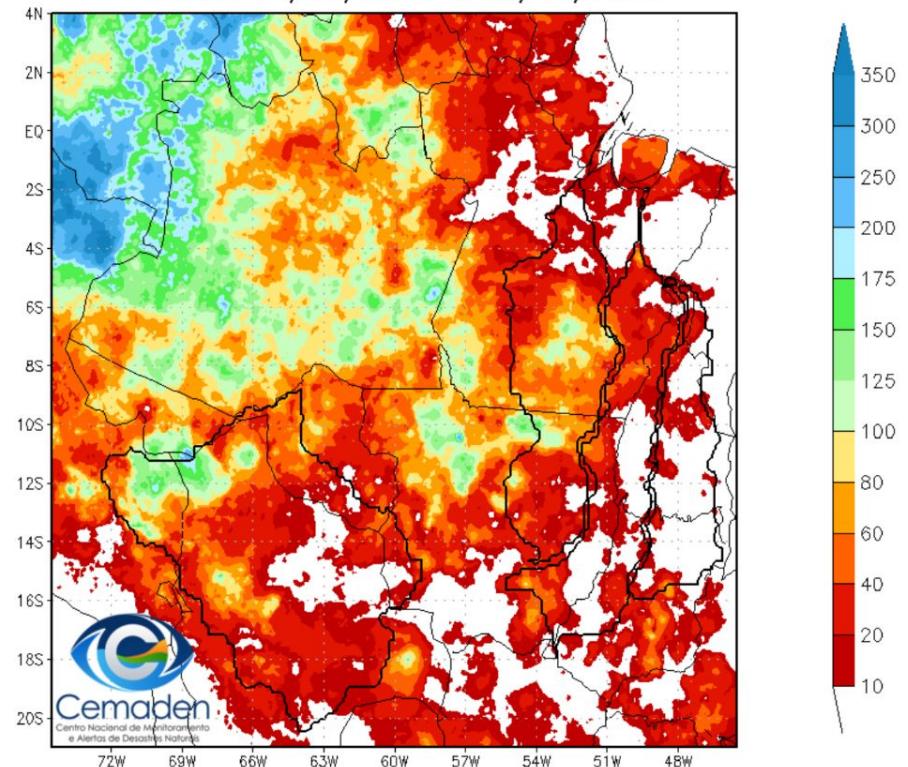
CEMADEN/MCTI

Outubro de 2025

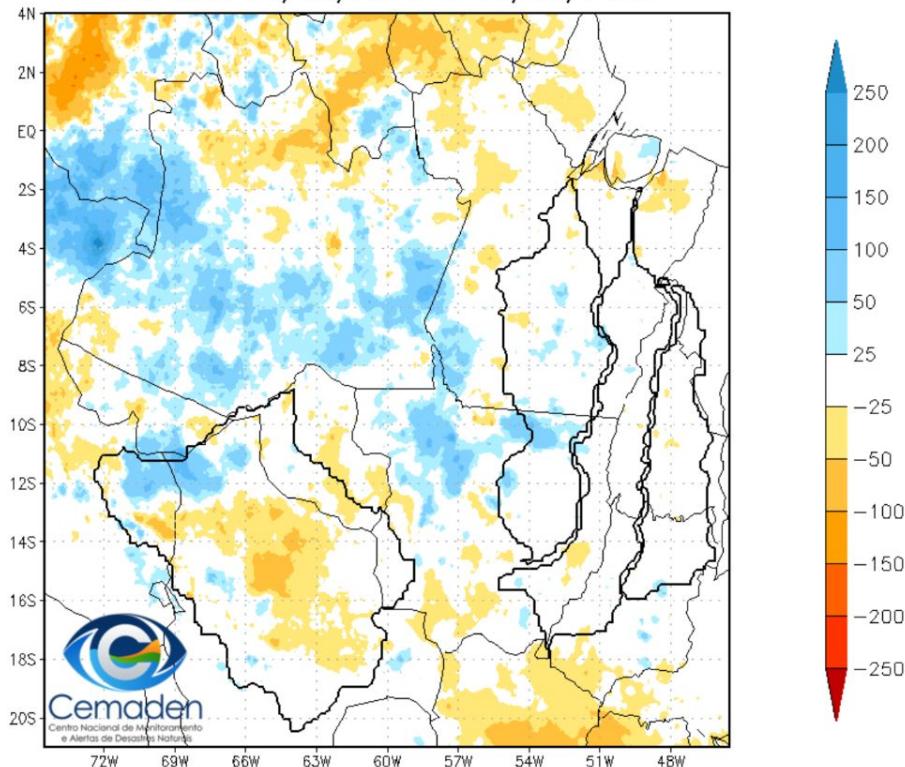


PRECIPITAÇÃO : ÚLTIMOS 30 DIAS

Precipitação Acumulada (mm) A.S.
Período: 31/08/2025 a 30/09/2025

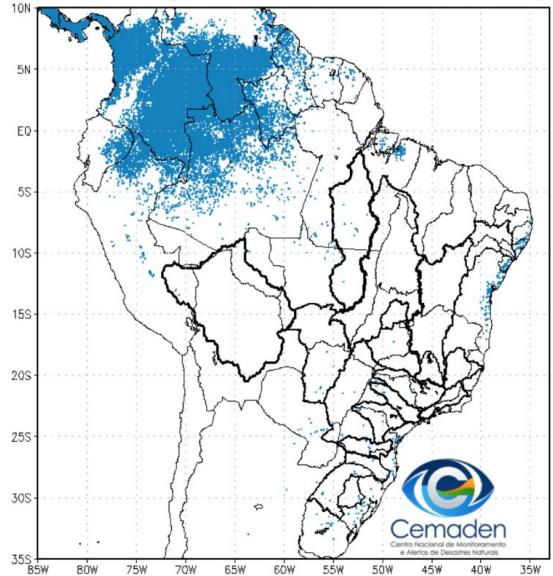


Anomalia de Precipitação (mm) A.S.
Período: 31/08/2025 a 30/09/2025

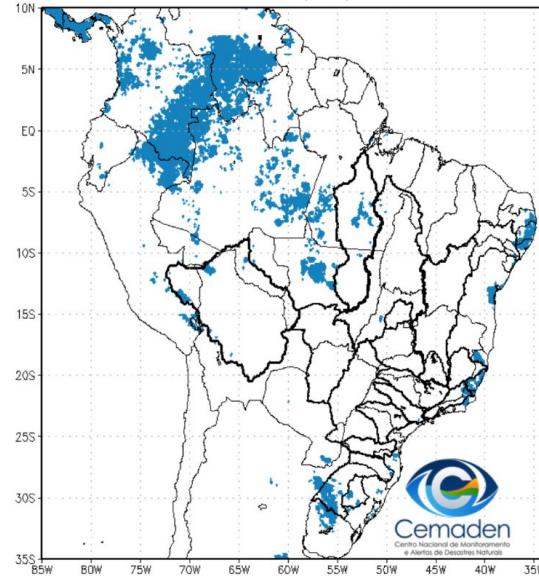


SITUAÇÃO DA ESTAÇÃO CHUVOSA

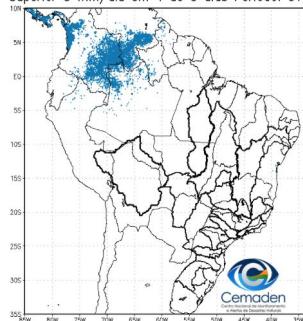
Climatologia da Precipitação (2001–2024)
Superior 3 mm/dia em 4 de 5 dias Período: 30/09



Precipitação A.S. Superior a 3 mm/dia por 4 de 5 dias
Período: 30/09/2025



Climatologia da Precipitação (2001–2024)
Superior 3 mm/dia em 4 de 5 dias Período: 01/09

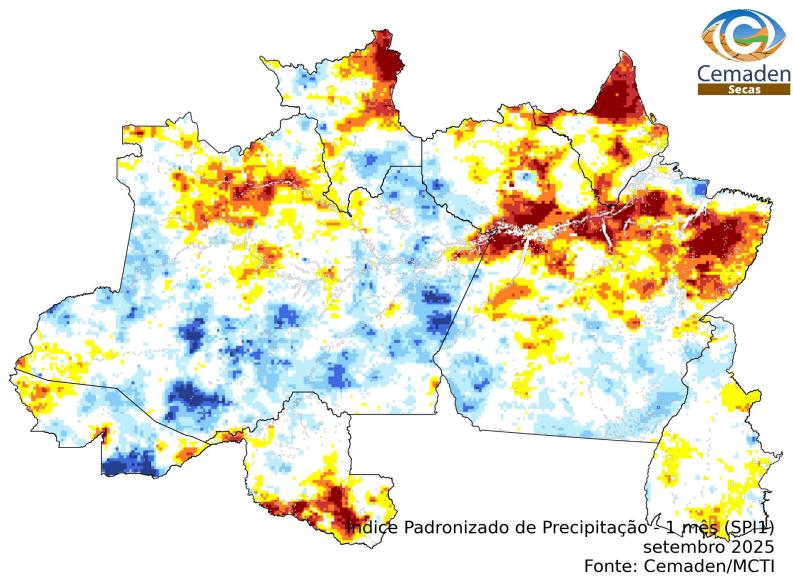


Precipitação A.S. Superior a 3 mm/dia por 4 de 5 dias
Período: 01/09/2025

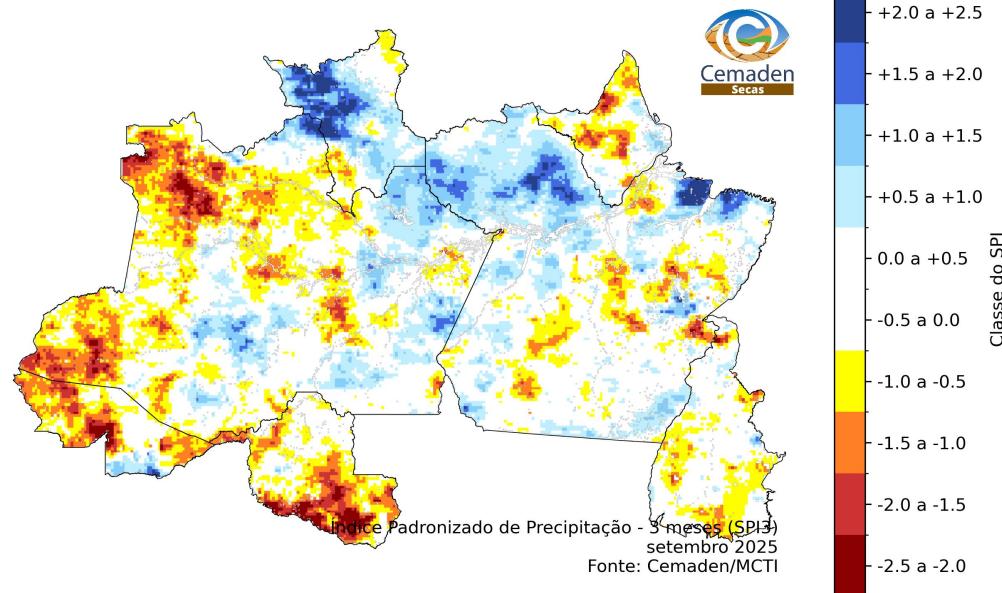


ANOMALIA PADRONIZADA DE PRECIPITAÇÃO : SETEMBRO /2025

SPI1



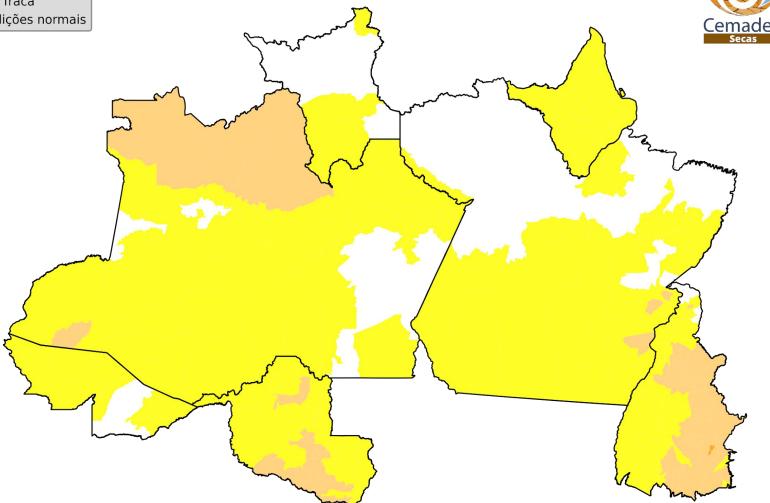
SPI3



ÍNDICE INTEGRADO DE SECA - IIS

(SPI + VHI + AUS): SETEMBRO/2025

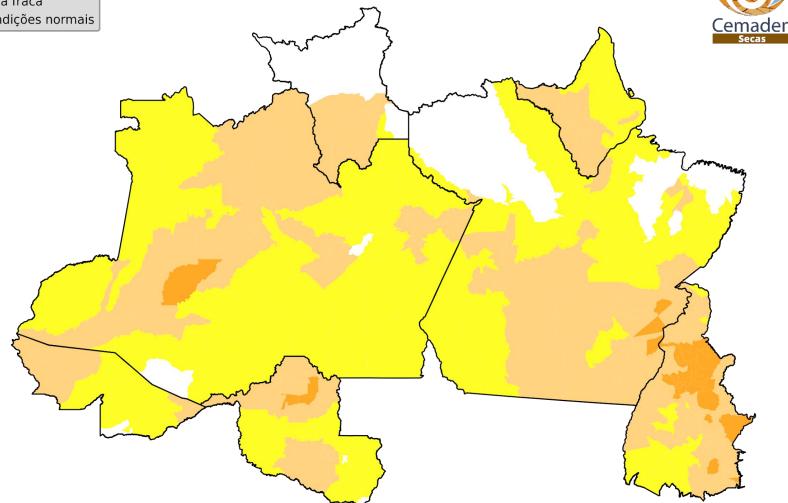
IIS-03



Número de municípios por classes de seca:
Seca excepcional: 0 (0.0%)
Seca extrema: 0 (0.0%)
Seca severa: 1 (0.2%)
Seca moderada: 79 (17.6%)
Seca fraca: 245 (54.4%)
Condições normais: 125 (27.8%)

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

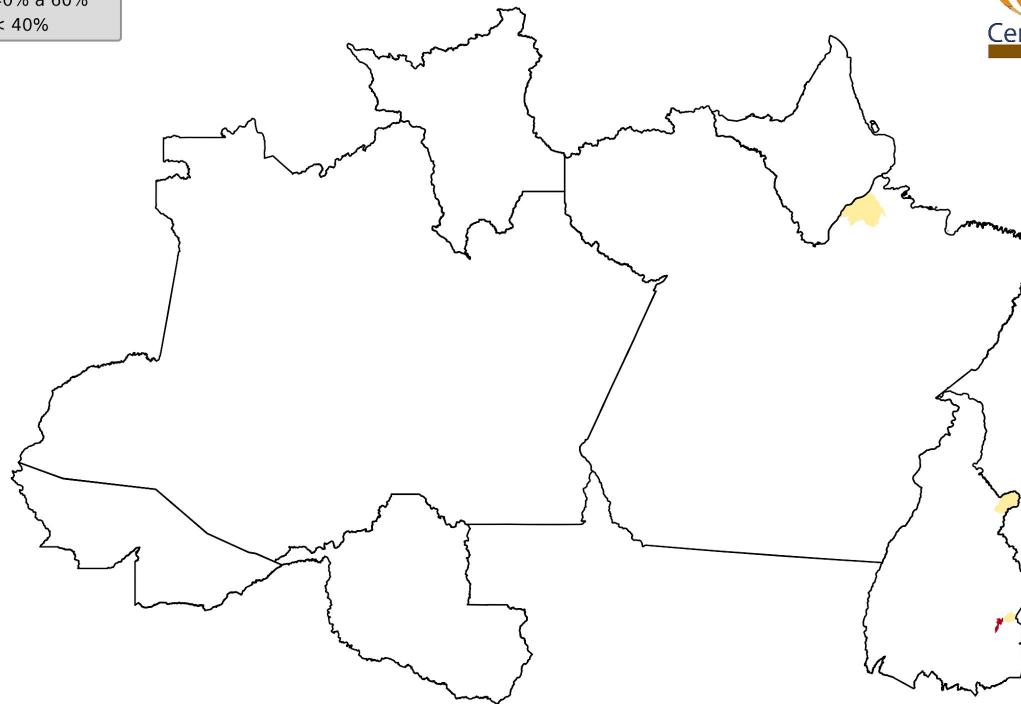
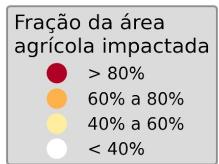
IIS-06



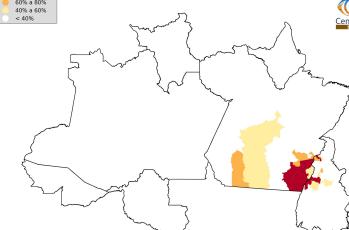
Número de municípios por classes de seca:
Seca excepcional: 0 (0.0%)
Seca extrema: 0 (0.0%)
Seca severa: 36 (8.0%)
Seca moderada: 180 (40.0%)
Seca fraca: 160 (35.6%)
Condições normais: 74 (16.4%)

Índice Integrado de Seca - 6 meses (IIS6)
setembro 2025
Fonte: Cemaden/MCTI

ÁREAS DE PASTAGENS E AGRÍCOLAS AFETADAS PELA SECA



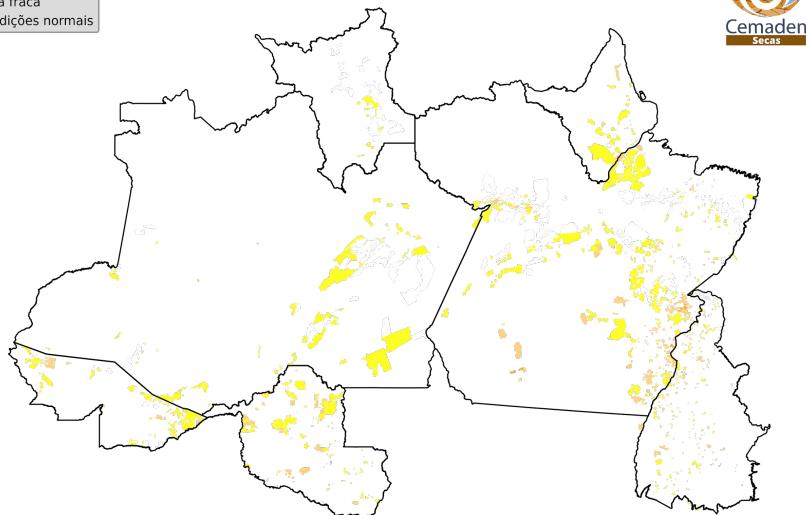
Área agro-pastoril municipal afetada pela seca
setembro 2025
Fonte: Cemaden/MCTI



Área agro-pastoril municipal afetada pela seca
Agosto 2025
Fonte: Cemaden/MCTI

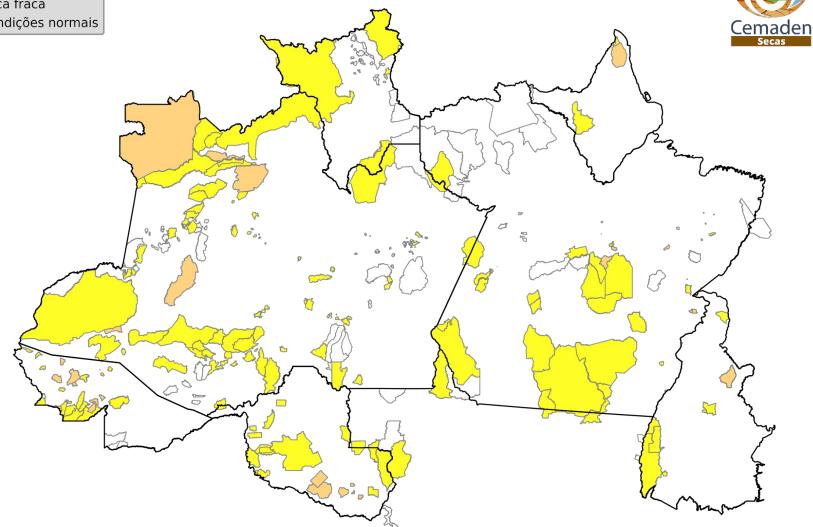
ÍNDICE INTEGRADO DE SECA (IIS-03)

PROJETOS DE ASSENTAMENTO



Número de Assentamentos por classes de seca:
Seca excepcional: 0 (0.0%)
Seca extrema: 0 (0.0%)
Seca severa: 18 (0.2%)
Seca moderada: 411 (5.6%)
Seca fraca: 882 (12.1%)
Condições normais: 568 (7.8%)

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

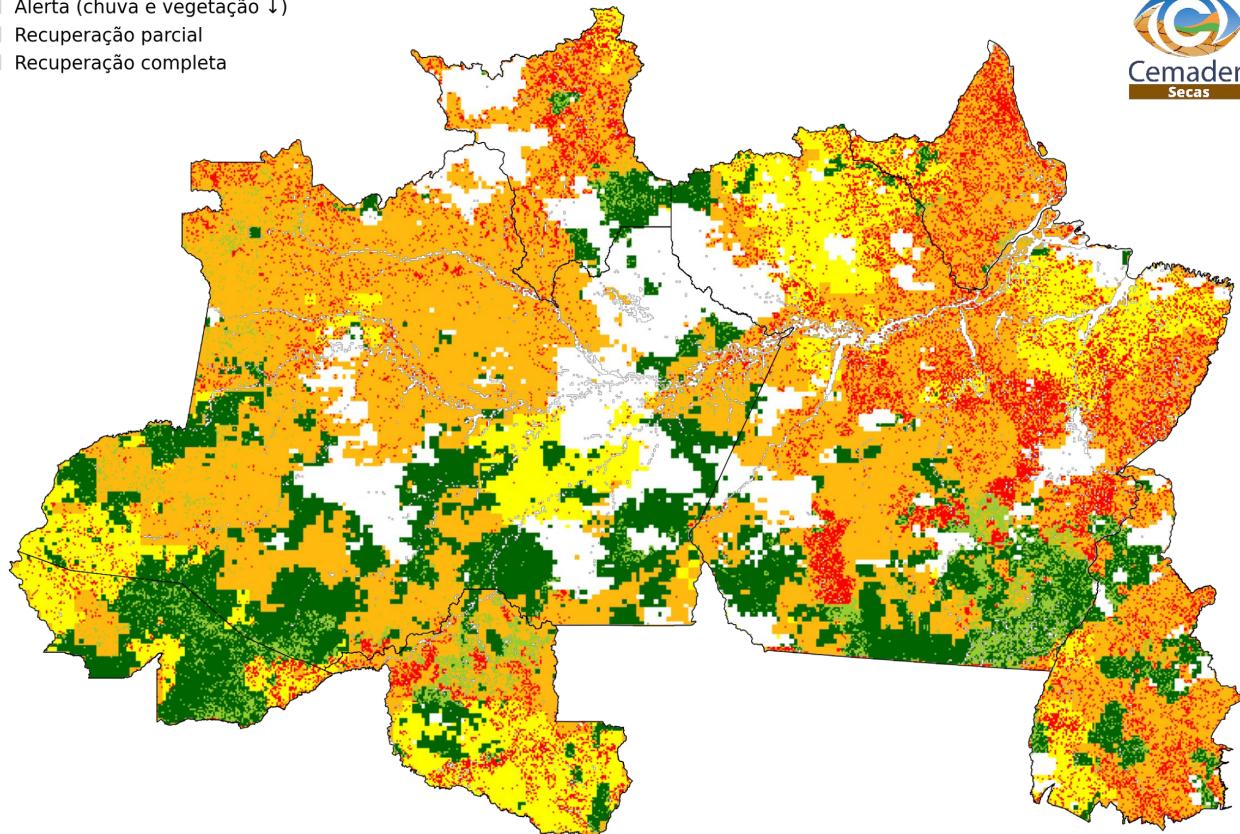


Número de Terras Indígenas por classes de seca:
Seca excepcional: 0 (0.0%)
Seca extrema: 0 (0.0%)
Seca severa: 0 (0.0%)
Seca moderada: 32 (5.1%)
Seca fraca: 172 (27.2%)
Condições normais: 102 (16.1%)

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

PROGRESSÃO E INTENSIFICAÇÃO DAS CONDIÇÕES DE SECA (PICS)

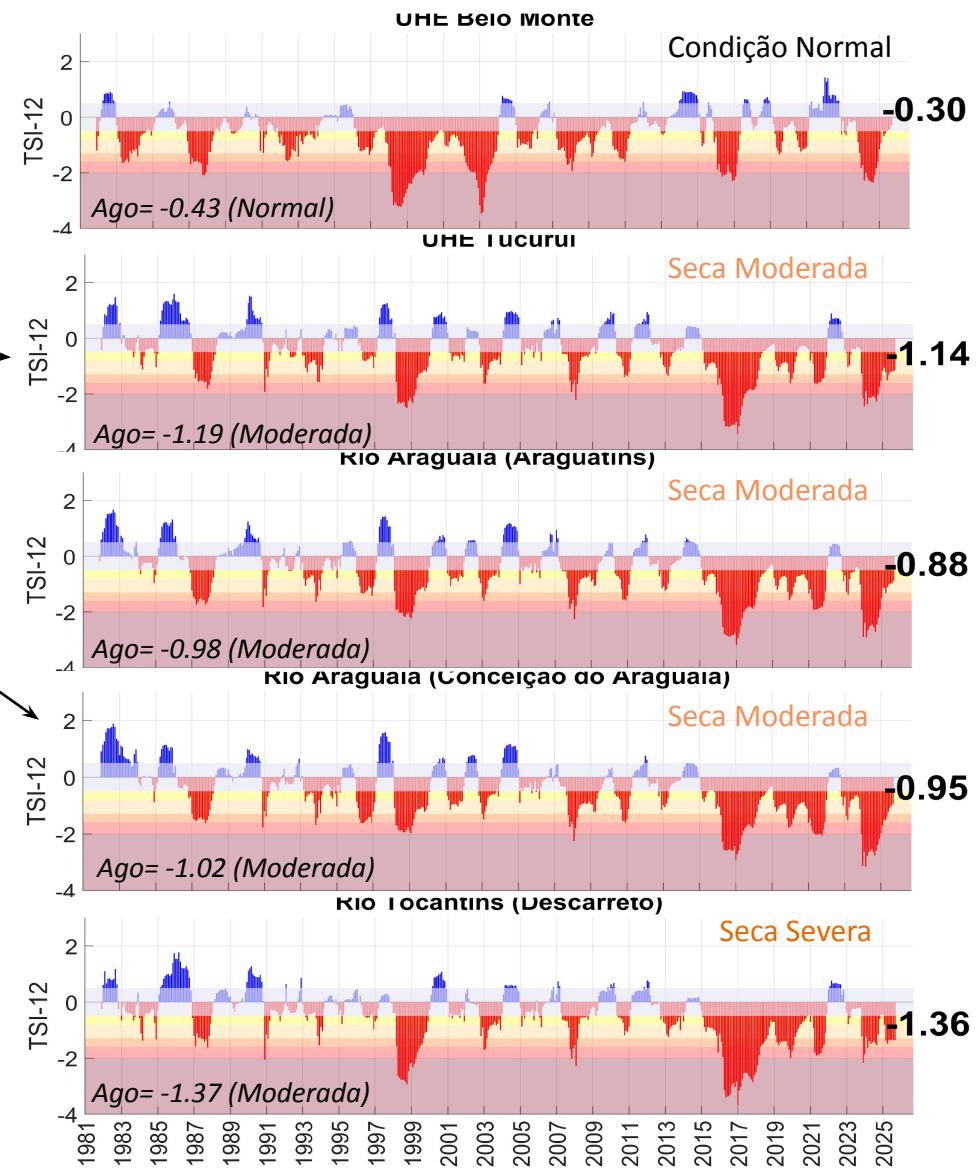
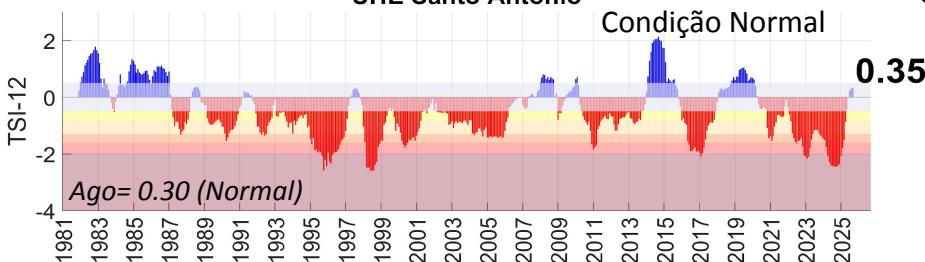
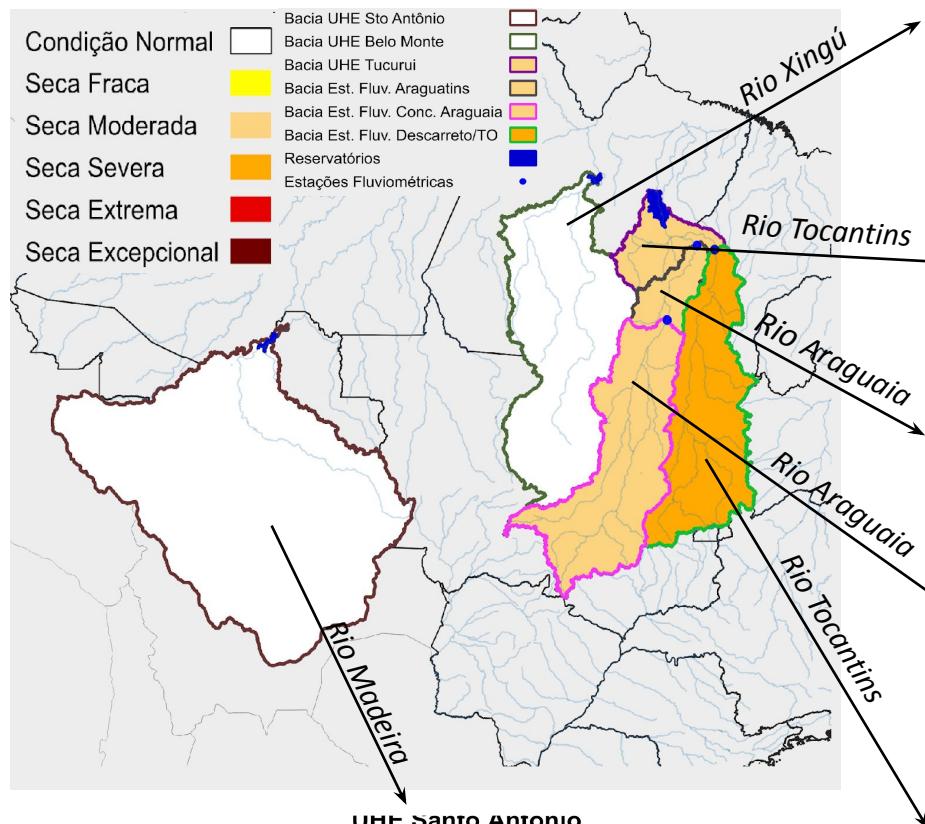
- Progressão da seca
- Condição normal
 - Observação (chuva ↓)
 - Atenção (chuva e umid. solo ↓)
 - Alerta (chuva e vegetação ↓)
 - Recuperação parcial
 - Recuperação completa



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

Escala de Longo Prazo: TSI-12 meses

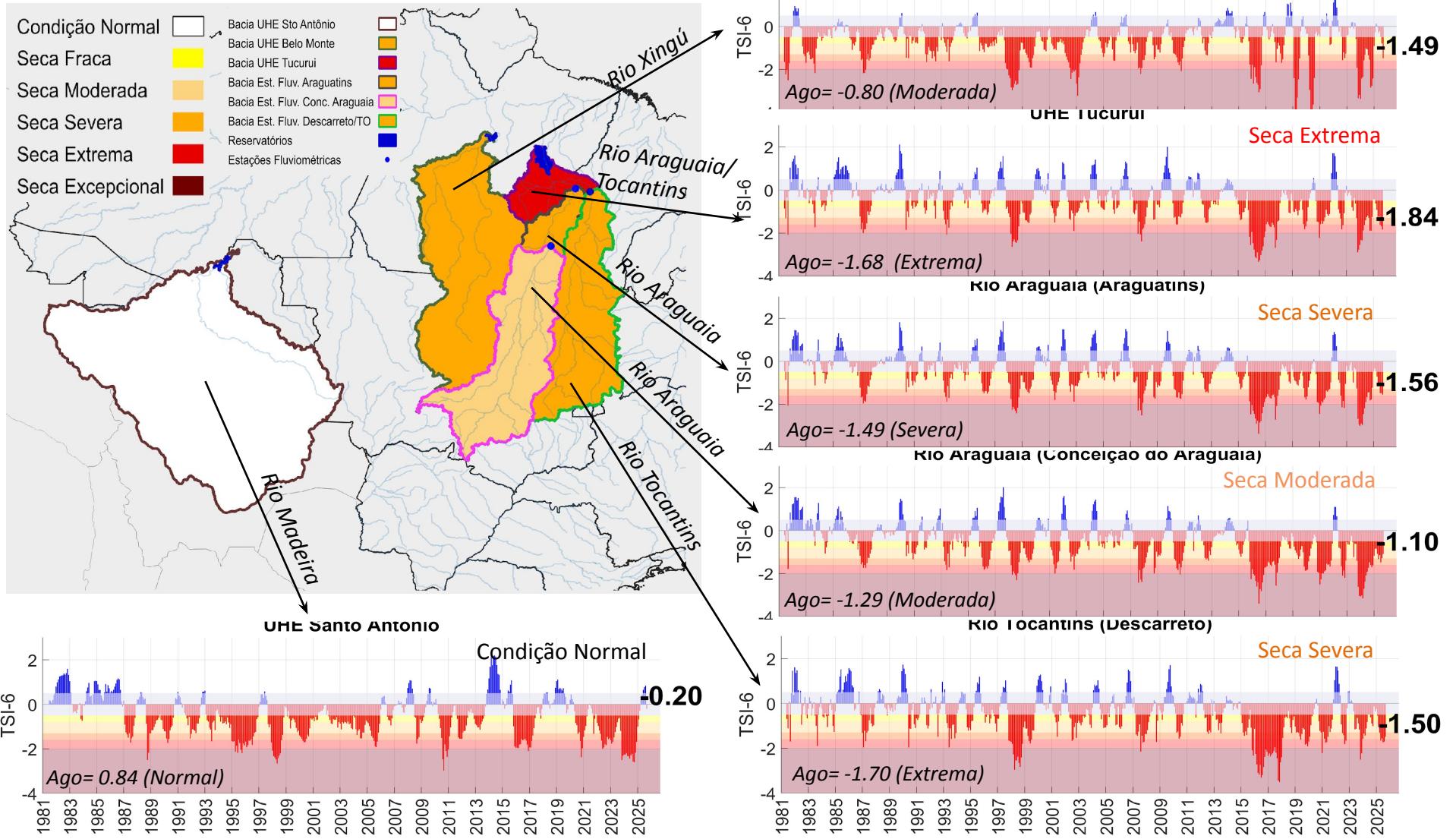
Setembro/2025



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

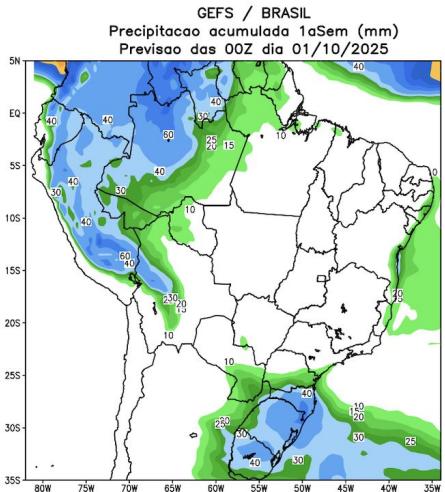
Escala de Curto Prazo: TSI-6 meses

Setembro/2025



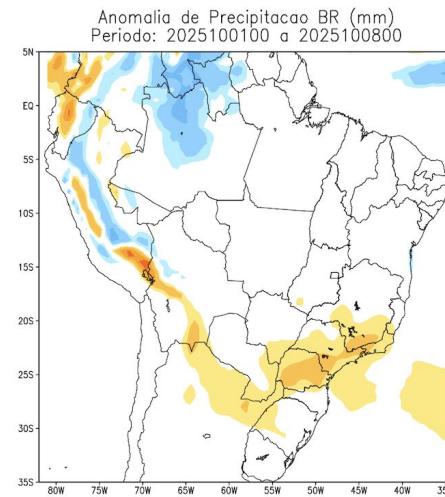
Previsão de chuva próximas duas semanas

chuva: acumulada

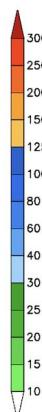
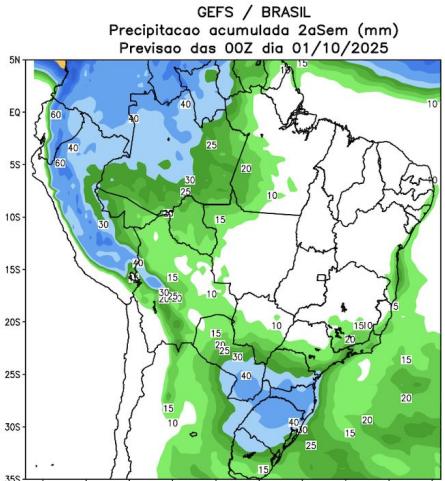


Semana 1

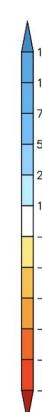
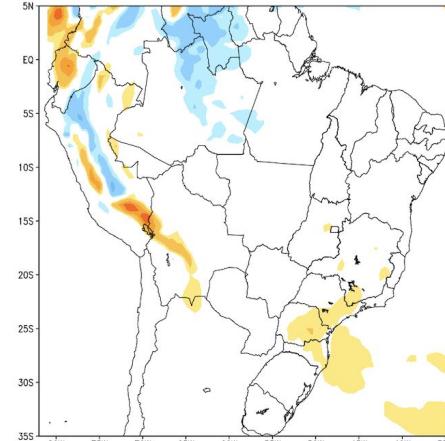
chuva: anomalia



Semana 2

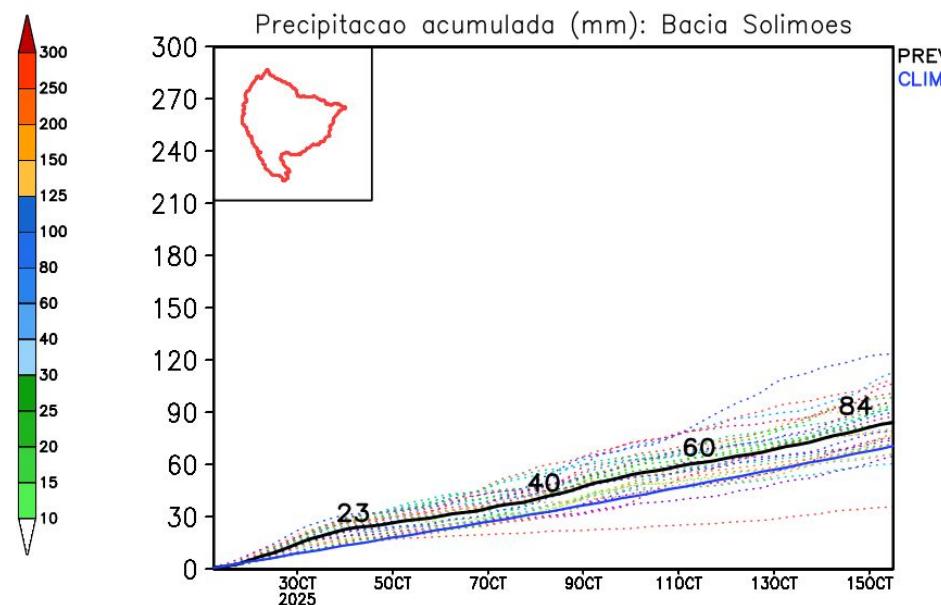
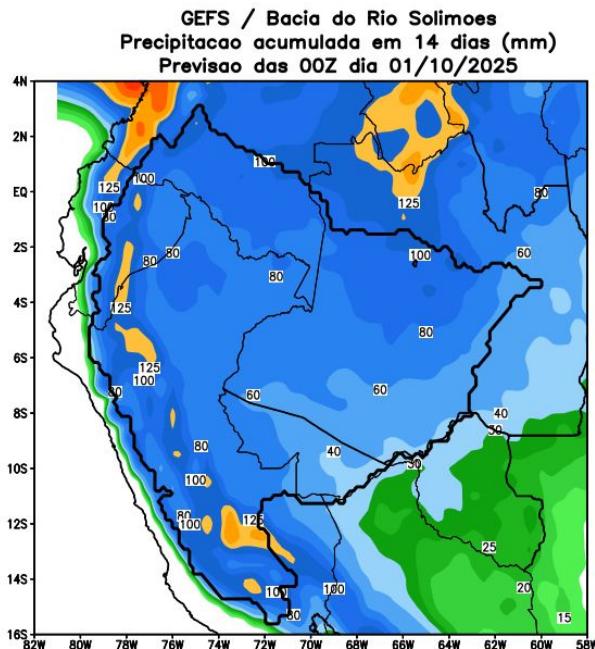


Anomalia de Precipitação BR (mm)
Período: 2025100900 a 2025101500



Previsão de chuva próximas duas semanas

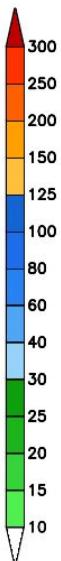
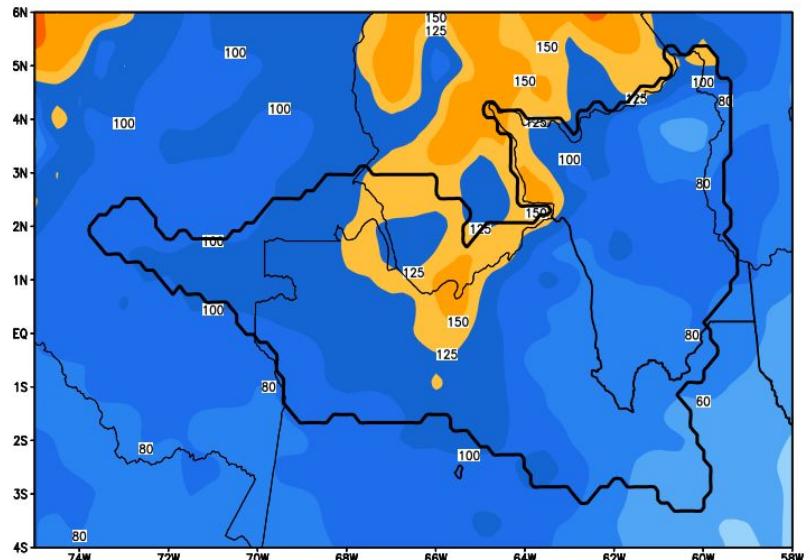
Rio Solimões



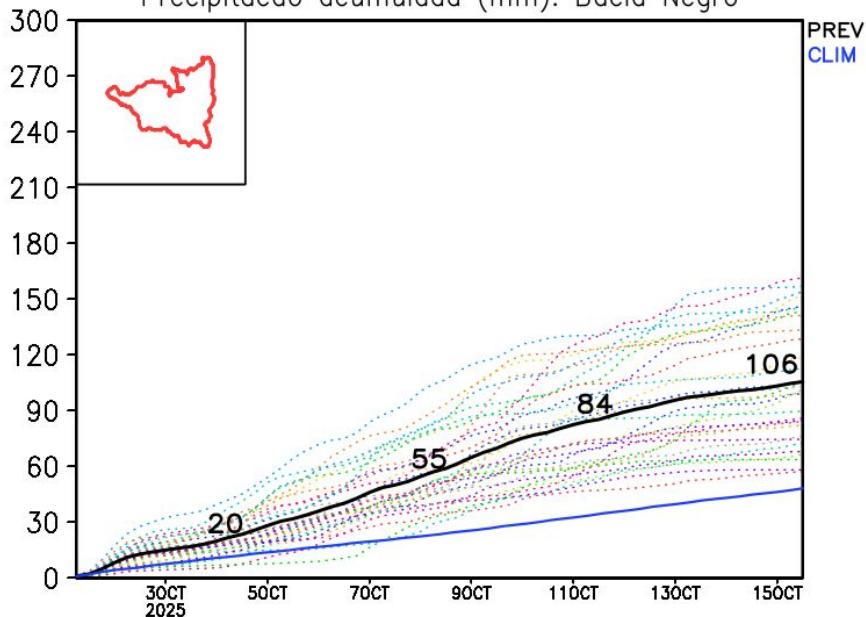
Previsão de chuva próximas duas semanas

Rio Negro

GEFS / Bacia do Rio Negro
Precipitação acumulada em 14 dias (mm)
Previsão das 00Z dia 01/10/2025

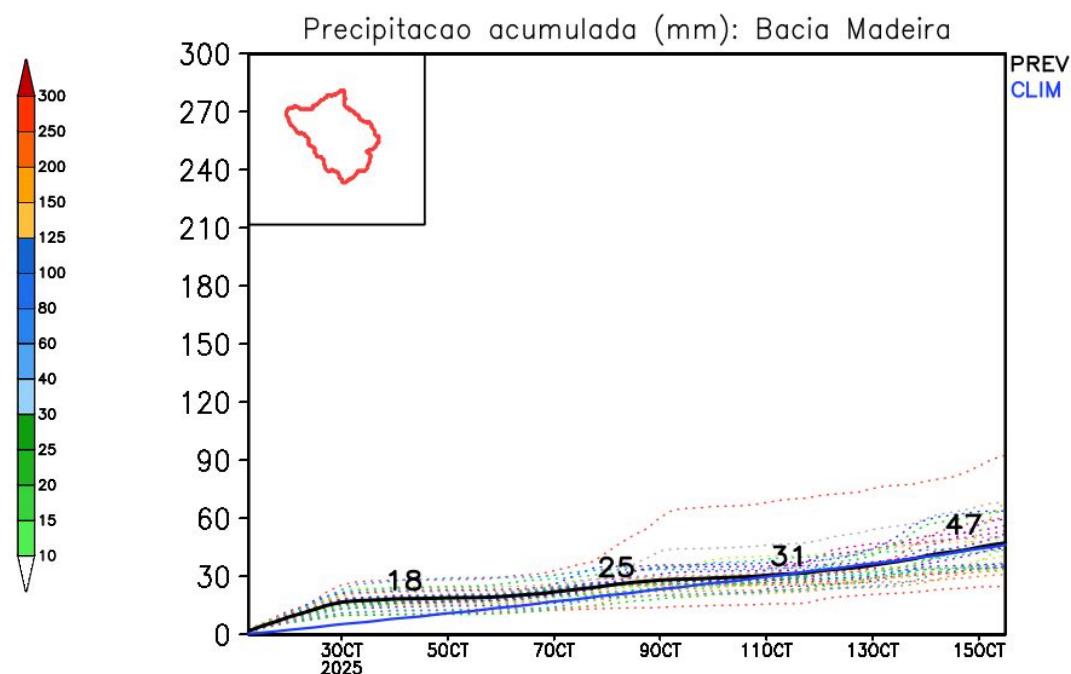
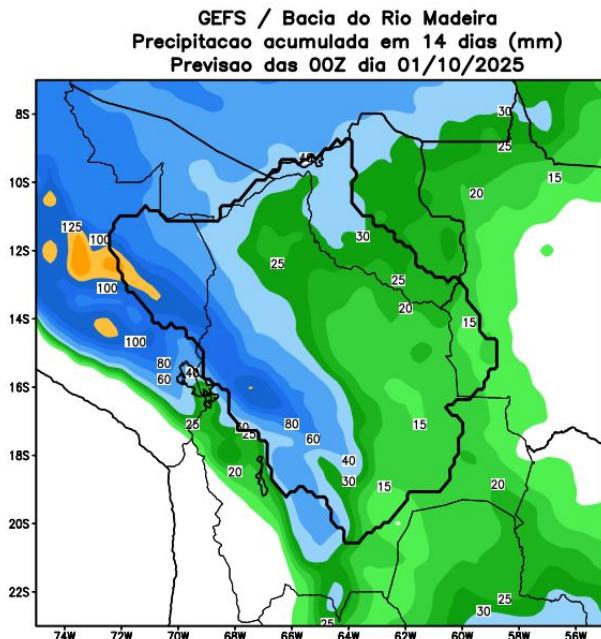


Precipitação acumulada (mm): Bacia Negro



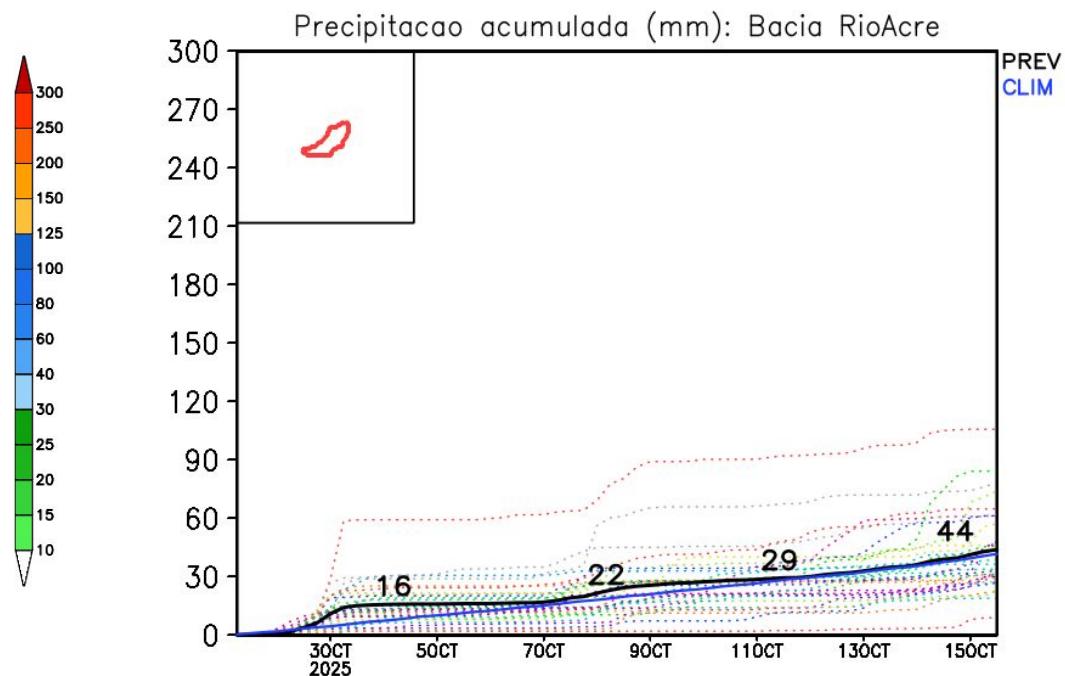
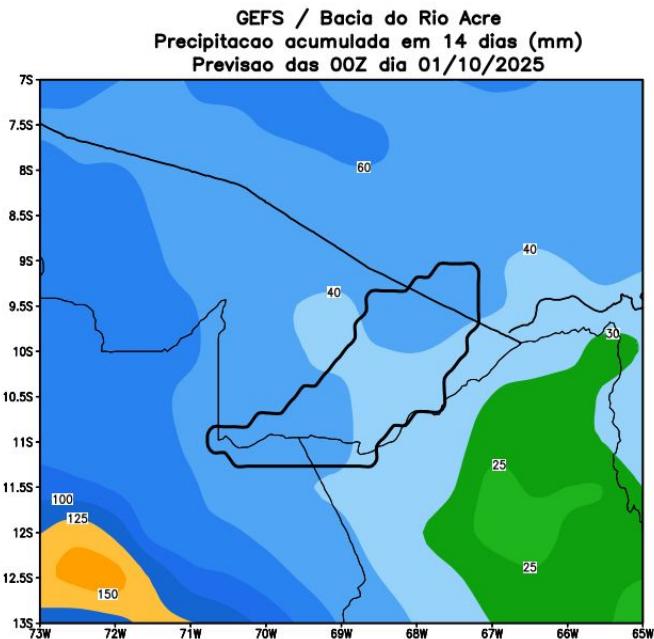
Previsão de chuva próximas duas semanas

Rio Madeira



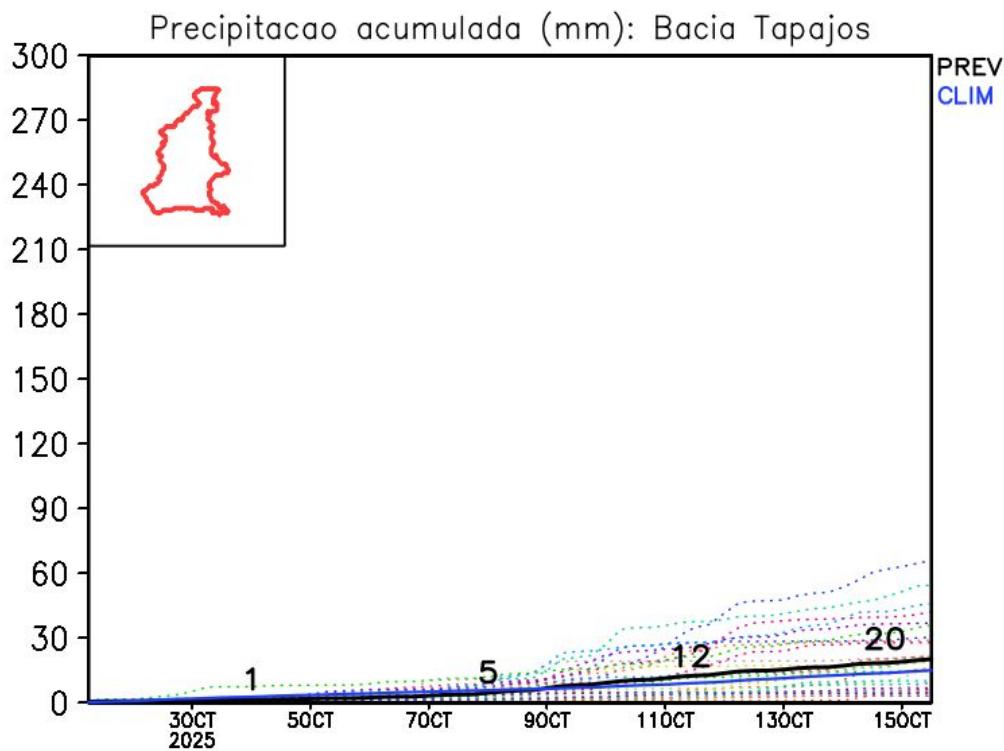
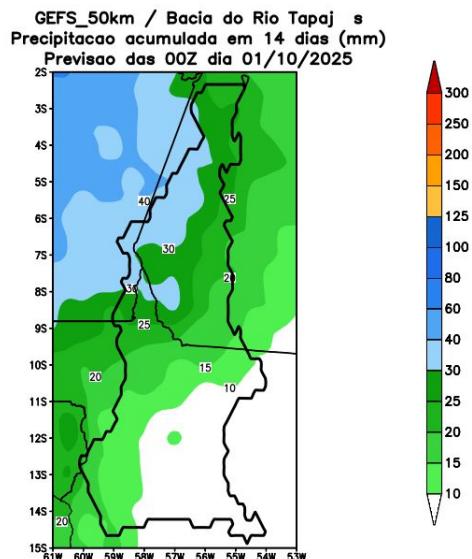
Previsão de chuva próximas duas semanas

Rio Acre



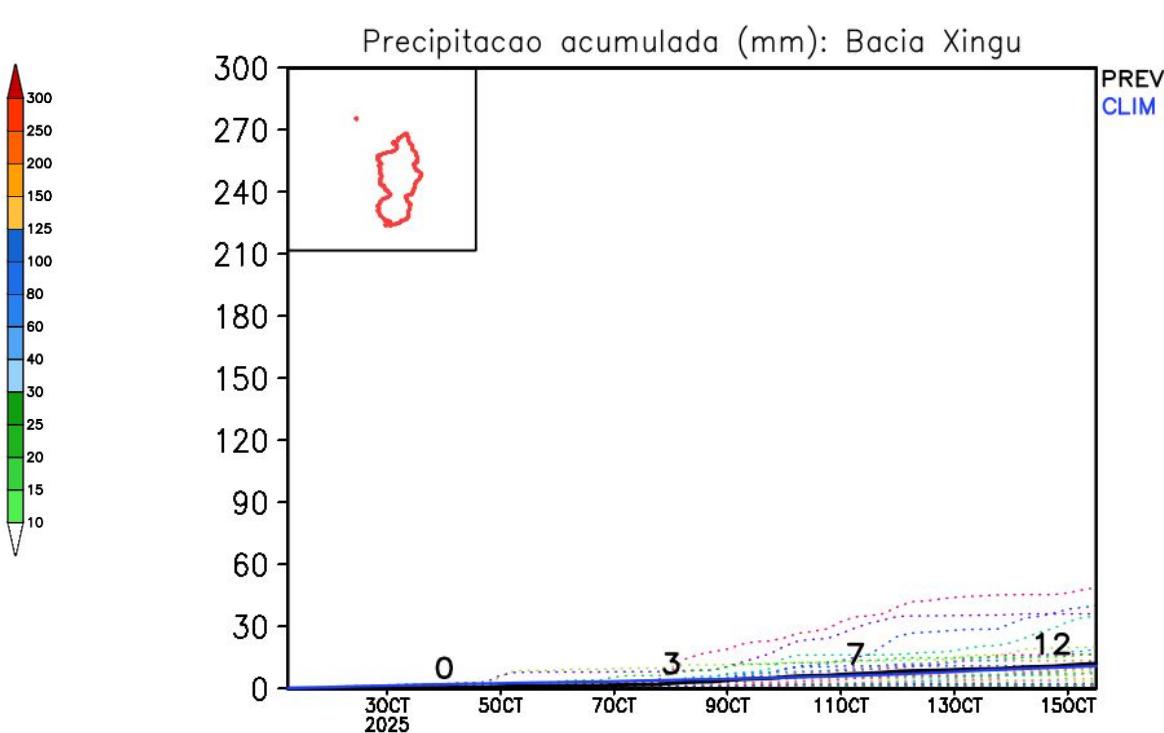
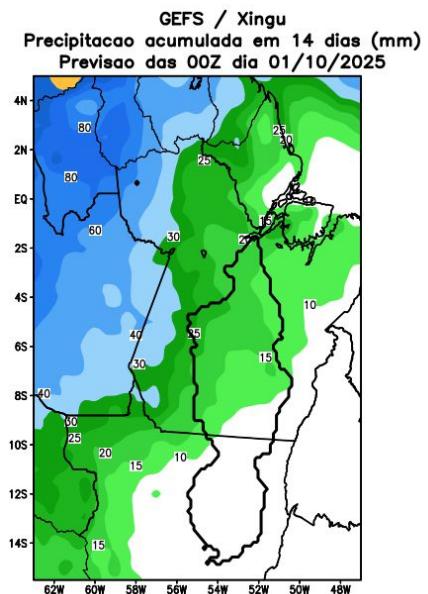
Previsão de chuva próximas duas semanas

Rio Tapajós



Previsão de chuva próximas duas semanas

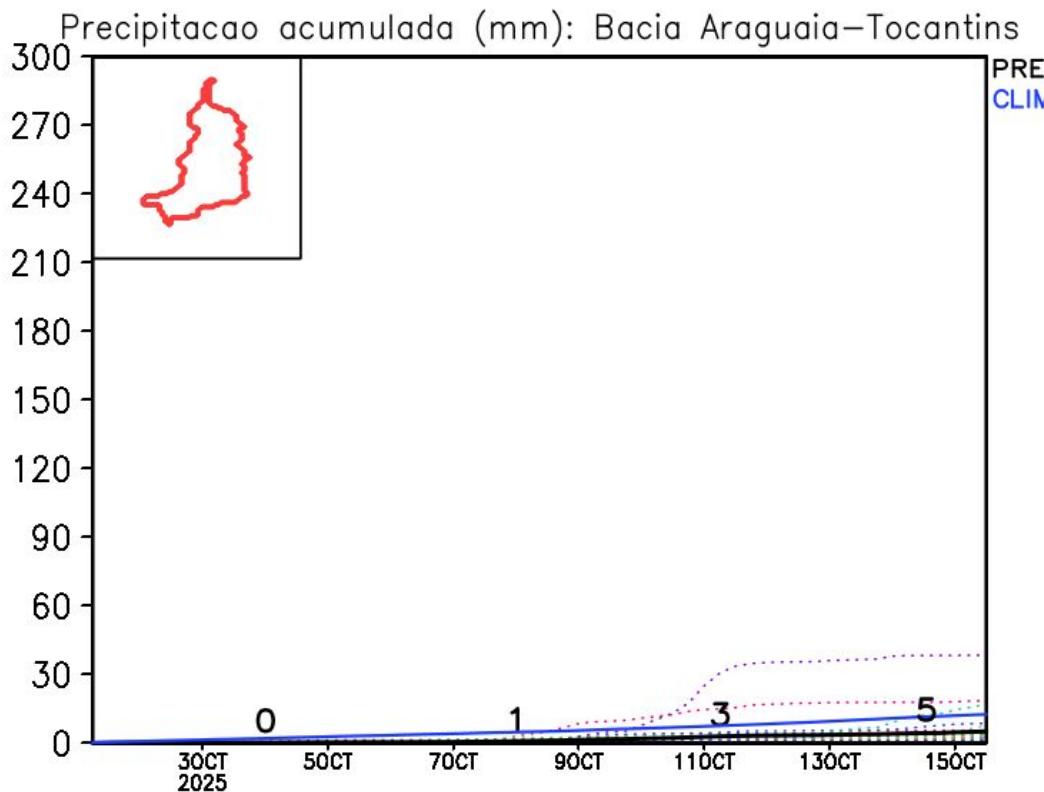
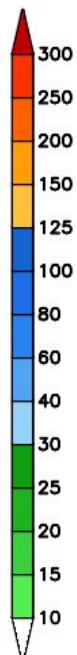
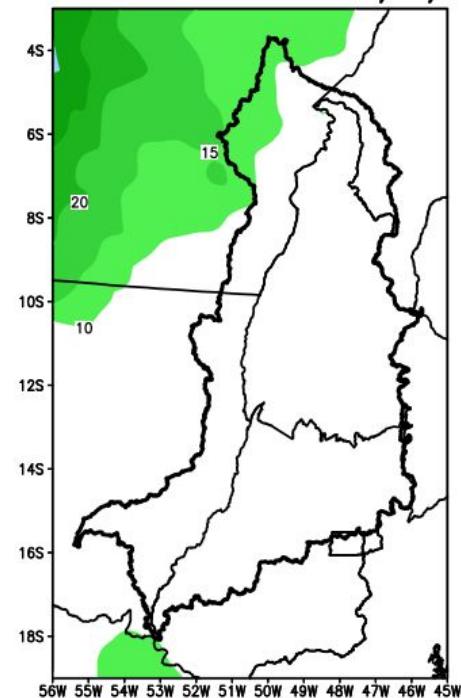
Rio Xingu



Previsão de chuva próximas duas semanas

Rio Araguaia-Tocantins

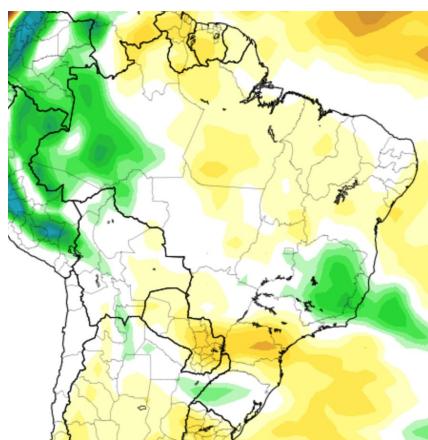
GEFS / Bacia Araguaia-Tocantins
Precipitação acumulada em 14 dias (mm)
Previsão das 00Z dia 01/10/2025



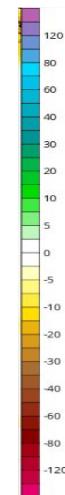
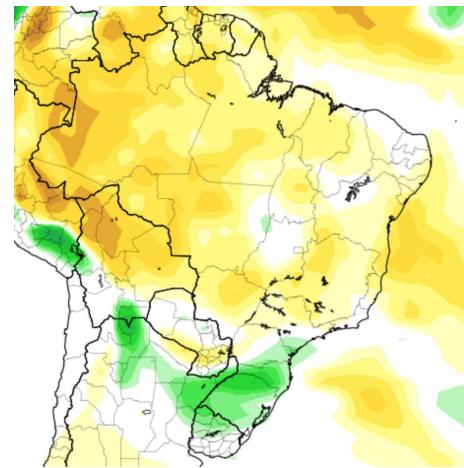
Anomalia de Chuva 3a e 4a semanas

CFS/NOAA

15 -21 Outubro

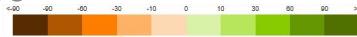
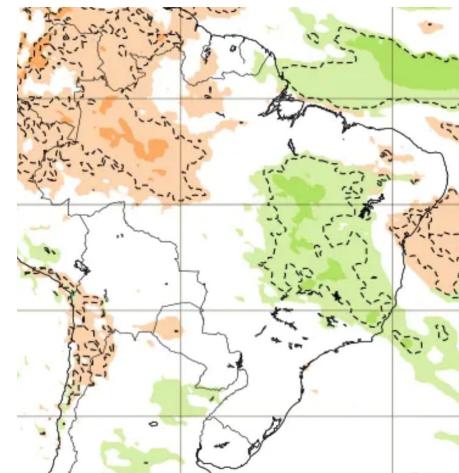
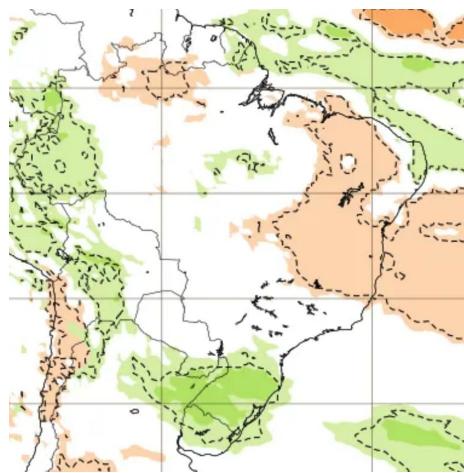


22-28 Outubro



ECMWF

13-19 Outubro

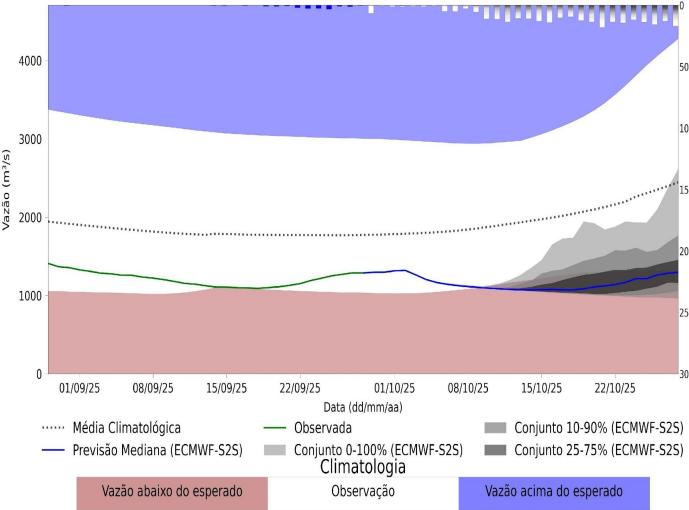


Previsão de vazão natural na Bacia Rio Tocantins-Araguaia

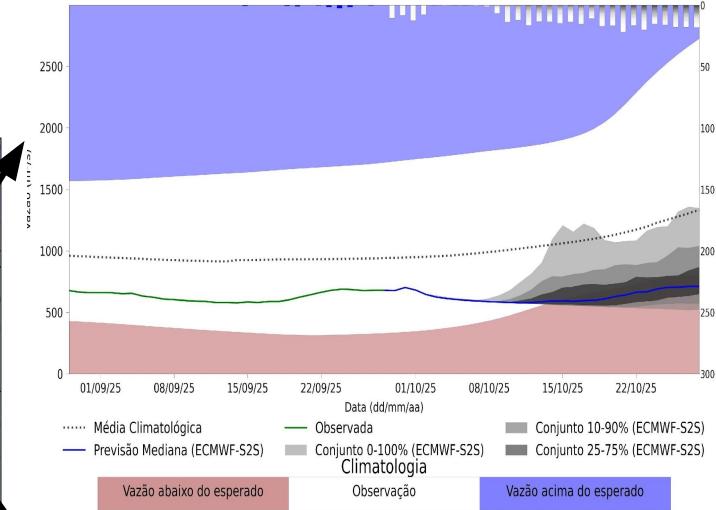
30 dias (Modelo hidrológico MHD)

Previsão: 28/09/2025 a 28/10/2025

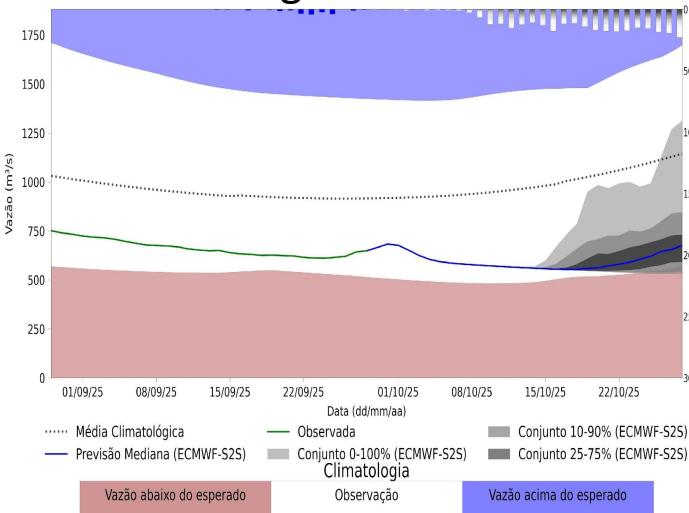
UHE Tucuruí



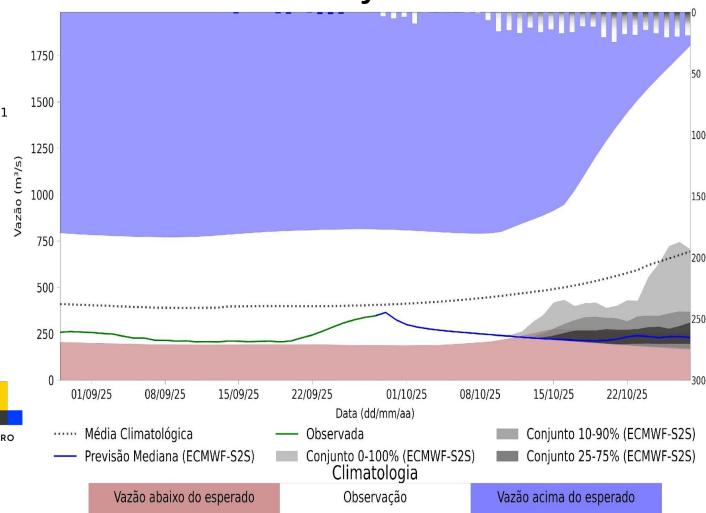
UHE Estreito



Araguatins - TO

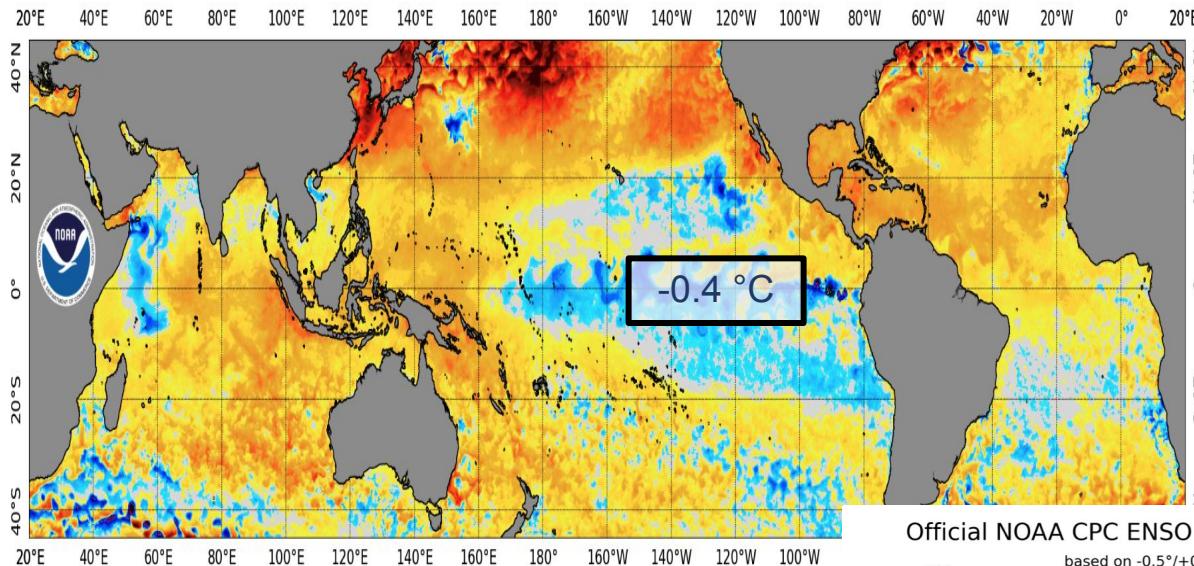


UHE Lajeado

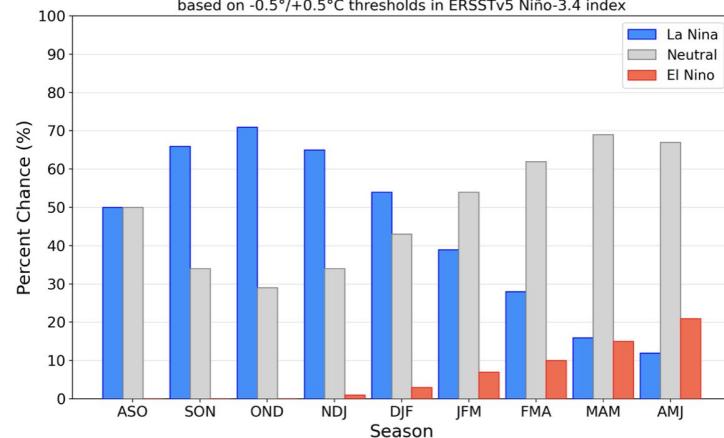


Status Atual: Neutro - La Niña Watch

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



Official NOAA CPC ENSO Probabilities (issued September 2025)
based on $-0.5^{\circ}/+0.5^{\circ}\text{C}$ thresholds in ERSSTv5 Niño-3.4 index

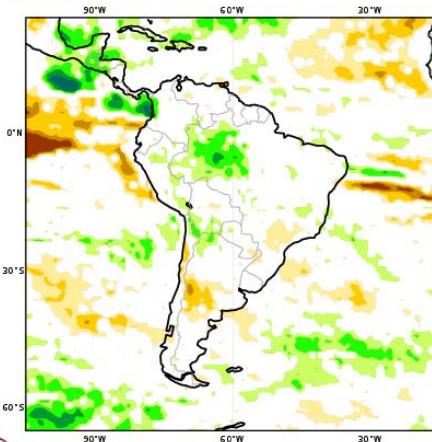


Previsão Sazonal

Anomalia de Chuva

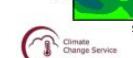
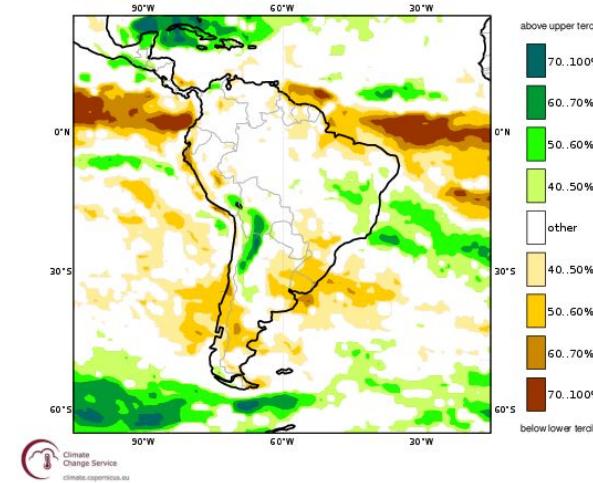
outubro-novembro-dezembro

C3S: ECMWF contribution
 Prob(most likely category of precipitation)
 Nominal forecast start: 01/09/25
 Ensemble size = 51, climate size = 600



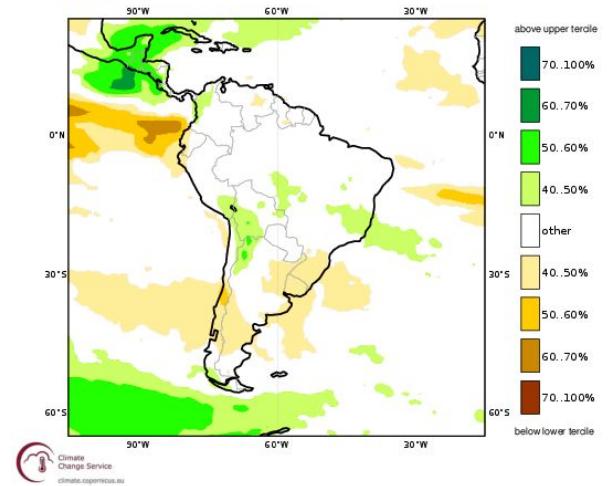
Modelo do Centro
Europeu

C3S: NCEP contribution
 Prob(most likely category of precipitation)
 Nominal forecast start: 01/09/25
 Ensemble size = 52, climate size = 384



Modelo dos
EUA

C3S multi-system seasonal forecast
 Prob(most likely category of precipitation)
 Nominal forecast start: 01/09/25
 Unweighted mean



Combinação
de diferentes
países

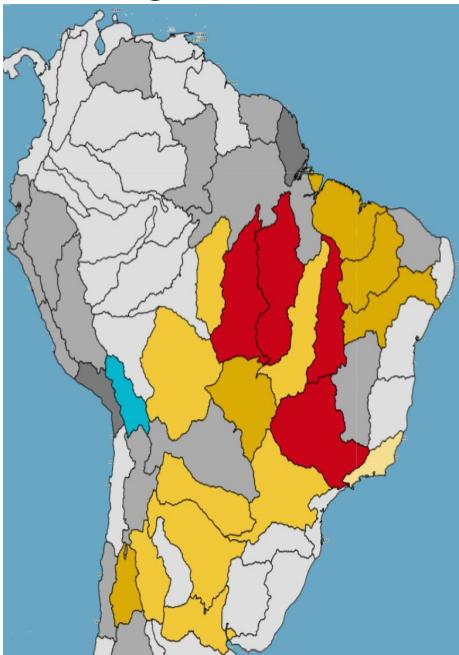
Previsões Hidrológicas para Bacias da Região Norte

Márcio A. E. Moraes
Pesquisador Titular

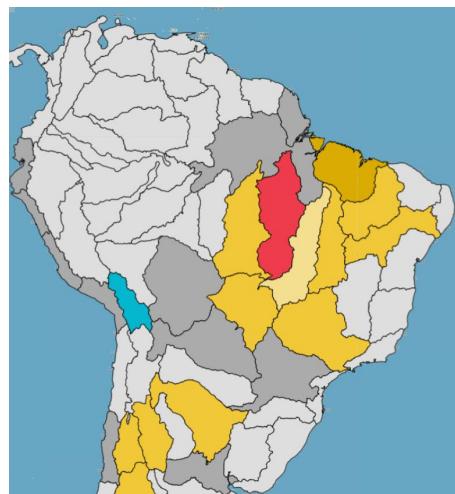
Previsão

Sazonal

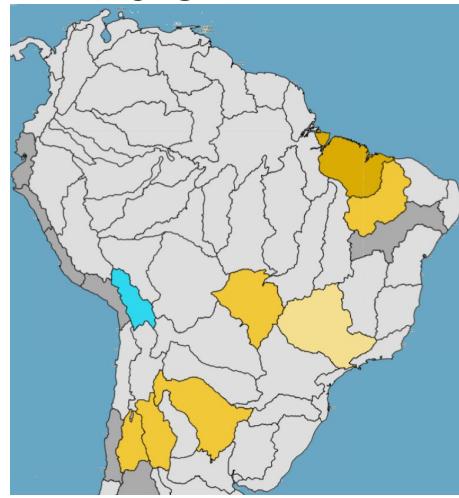
Outubro/20
25



Novembro/2
025



Dezembro/
2025



Categoria de anomalia
de vazões (percentil)

Muito abaixo (1-10)

Abaixo (10-25)

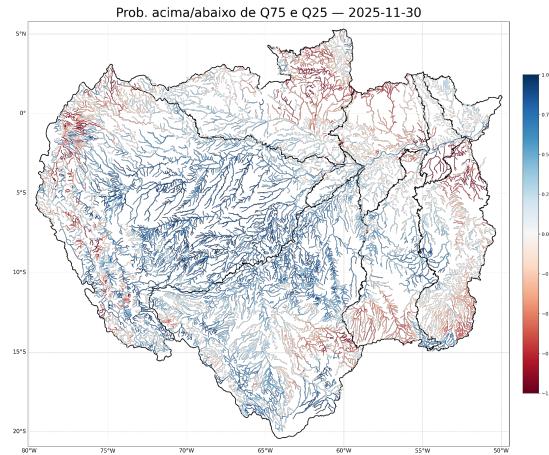
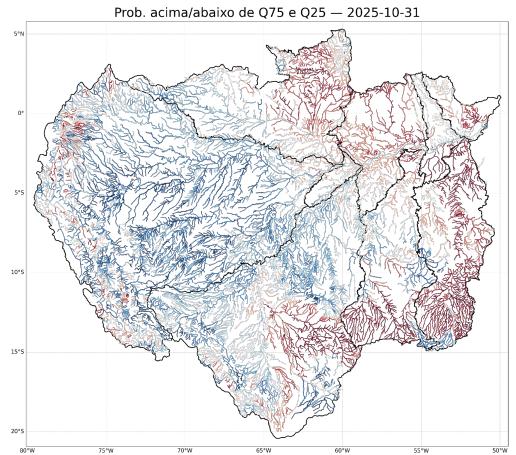
Média (25-75)

Acima (75-90)

Muito acima (90-100)

Categoria de incerteza

Baixa (0-10) Média (10-20) Alta (<20)



Previsão Sazonal
outubro/2025 a
dezembro/2026

