



CEMADEN

**Centro Nacional de Monitoramento e
Alertas de Desastres Naturais**

Sala de Acompanhamento da Região Norte

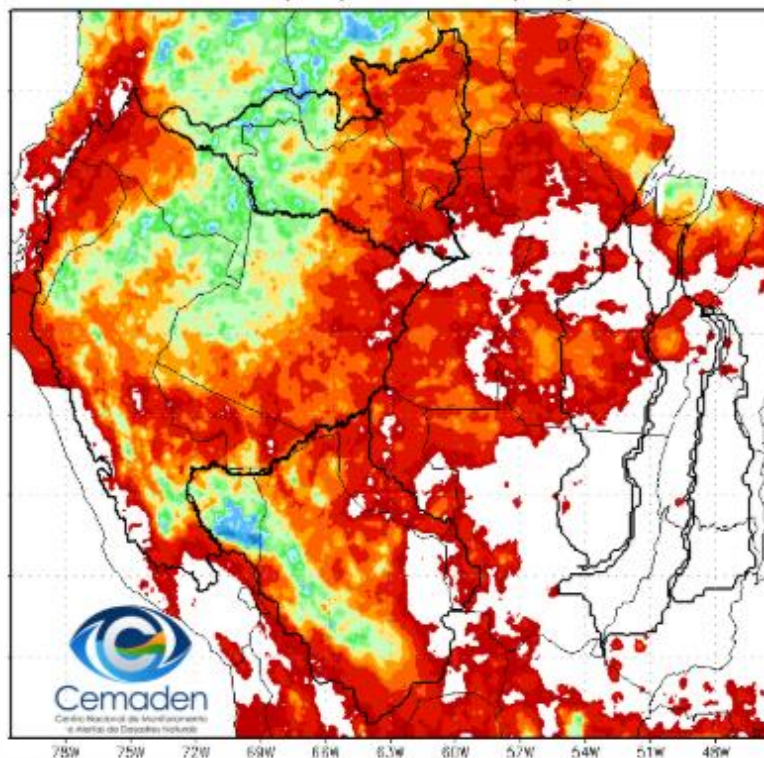
CEMADEN/MCTI

Agosto de 2026

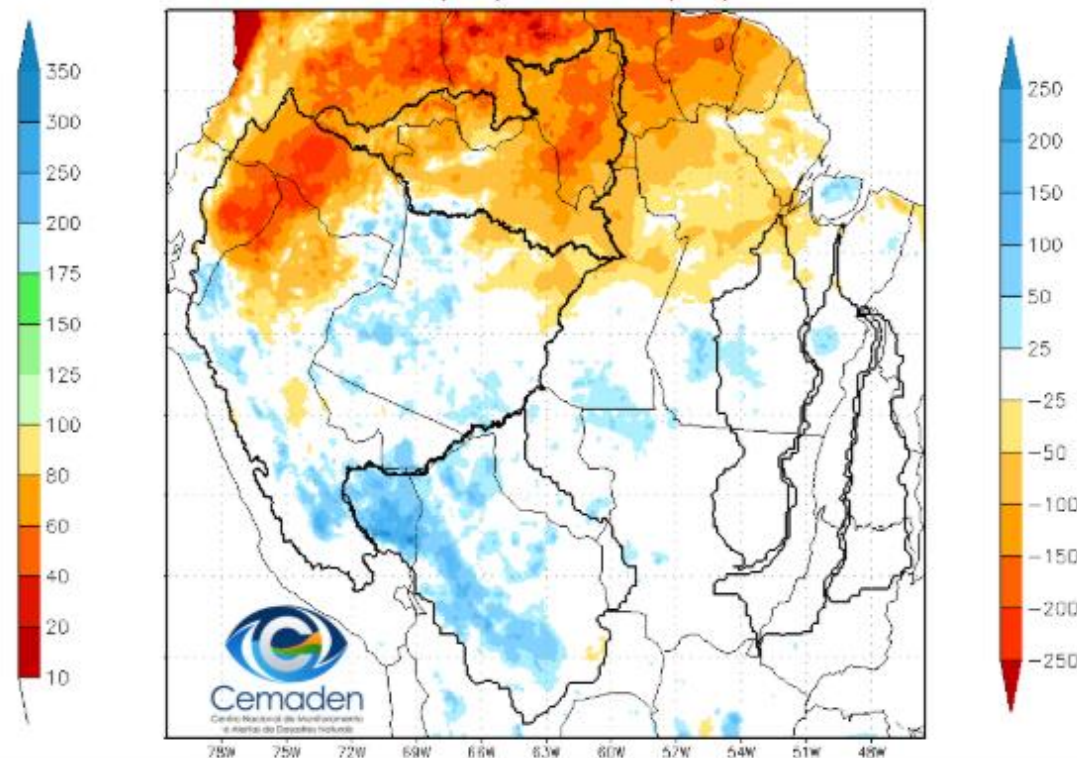


PRECIPITAÇÃO: ÚLTIMOS 30 DIAS

Precipitação Acumulada (mm) A.S.
Período: 20/07/2026 a 19/08/2026

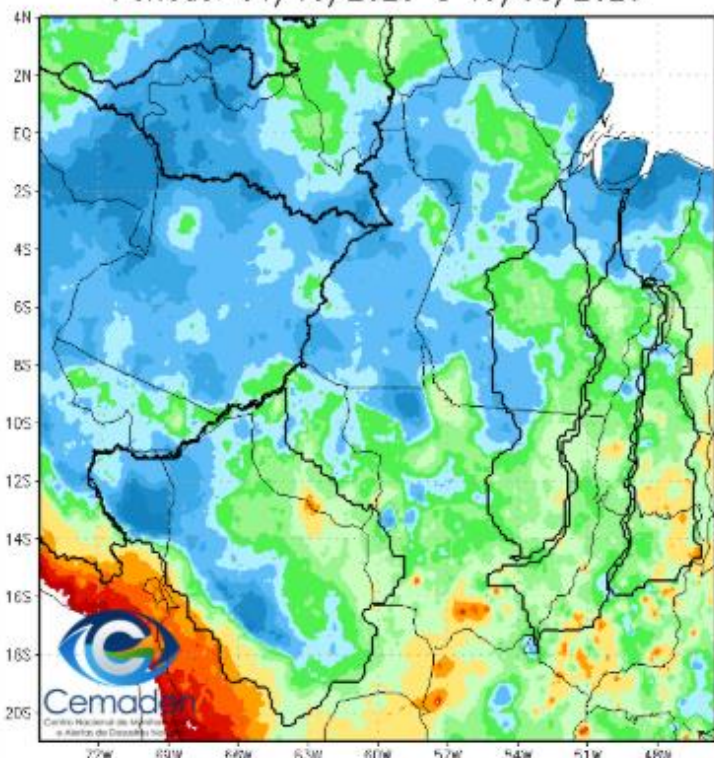


Anomalia de Precipitação (mm) A.S.
Período: 20/07/2026 a 19/08/2026

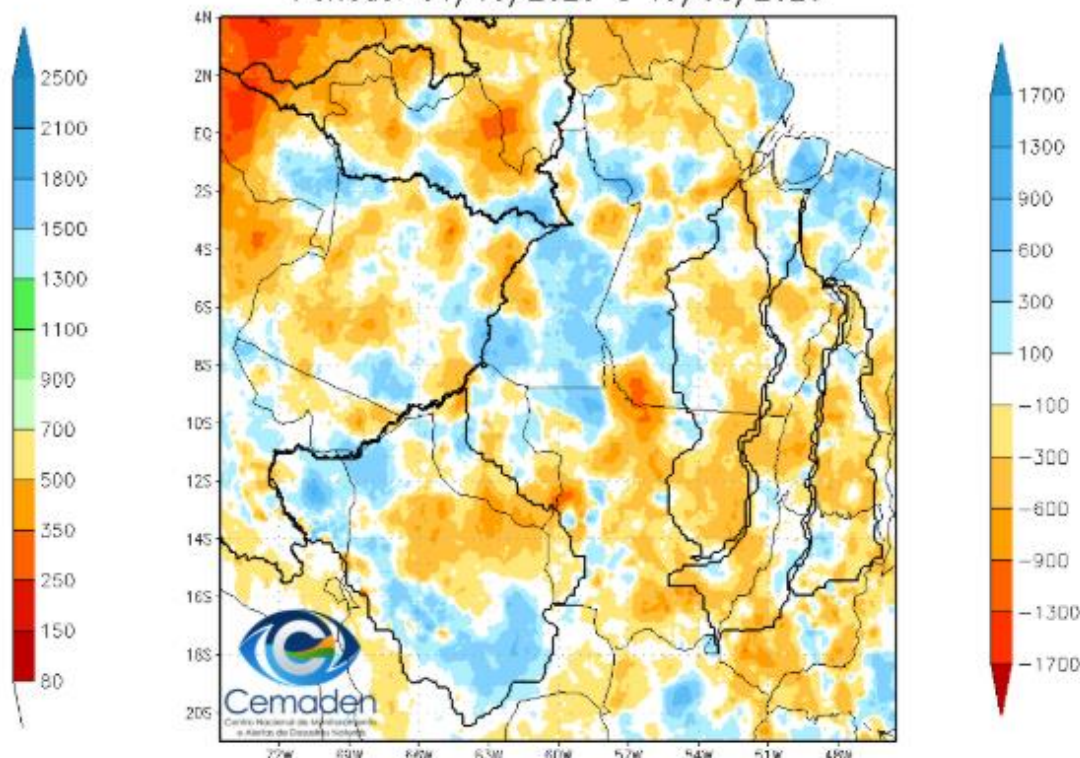


PRECIPITAÇÃO: ANO HIDROLÓGICO

Precipitação Acumulada (mm) A.S.
Período: 01/10/2025 a 19/08/2026



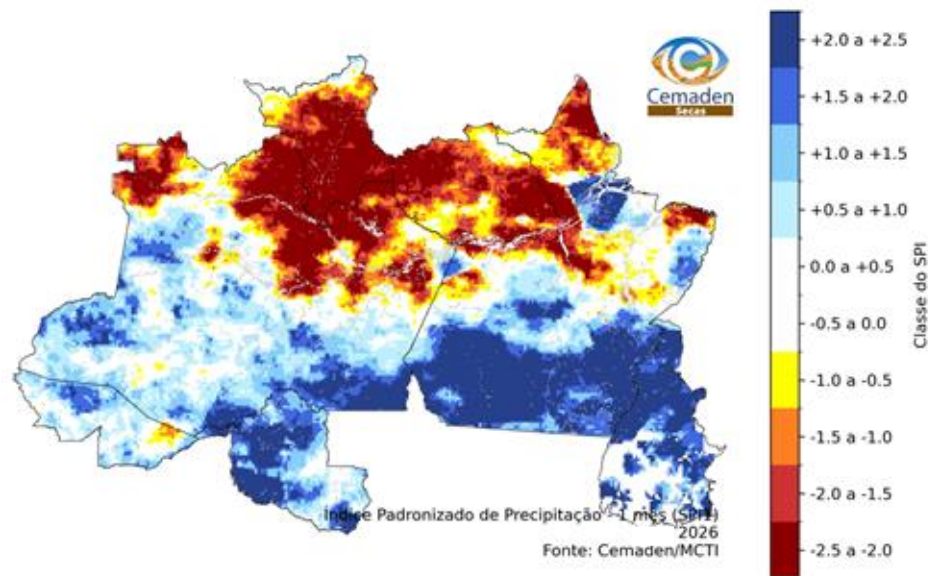
Anomalia de Precipitação (mm) A.S.
Período: 01/10/2025 a 19/08/2026



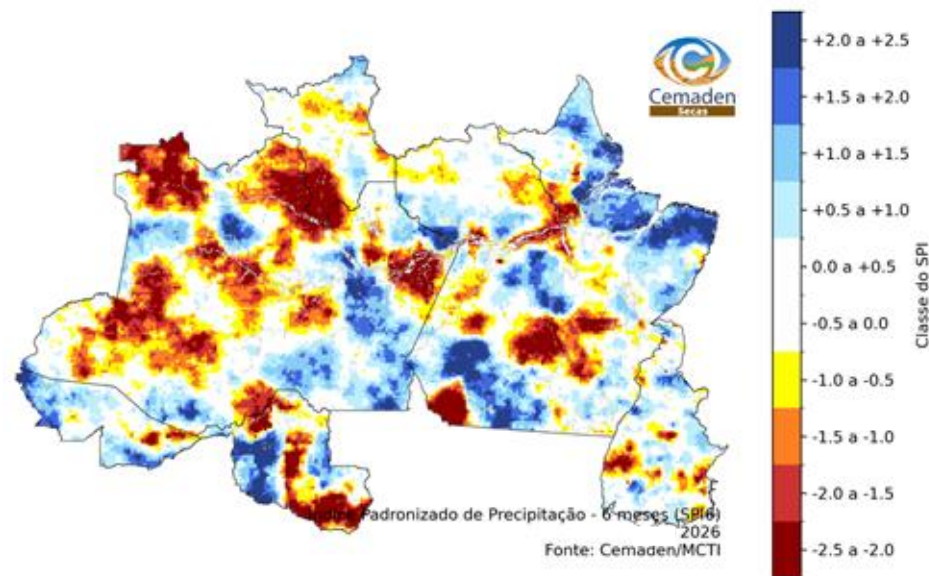
ANOMALIA PADRONIZADA DE PRECIPITAÇÃO

AGOSTO/2026
(PARCIAL)

SPI3



SPI6



ÍNDICE INTEGRADO DE SECA - IIS

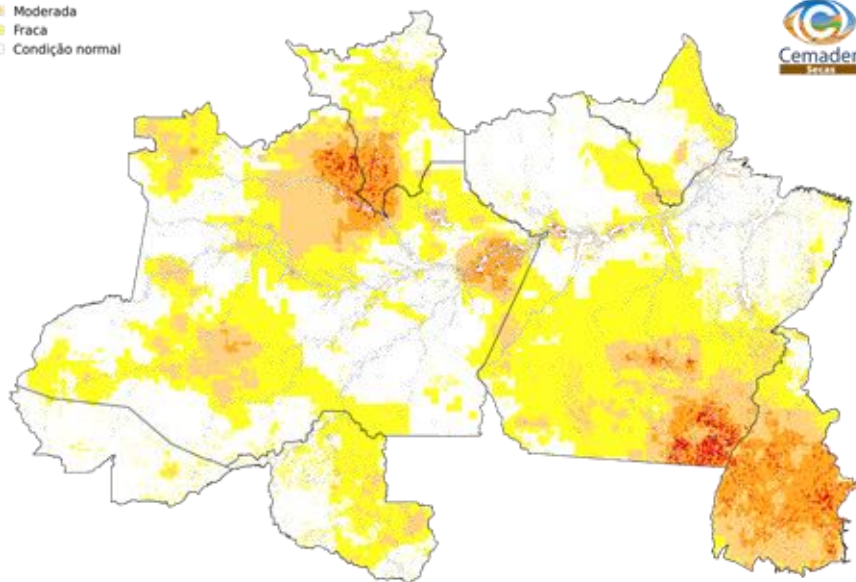
(SPI-3/SPI-6 + VHI + AUS)

AGOSTO/2026
(PARCIAL)

IIS-3

Classes de seca

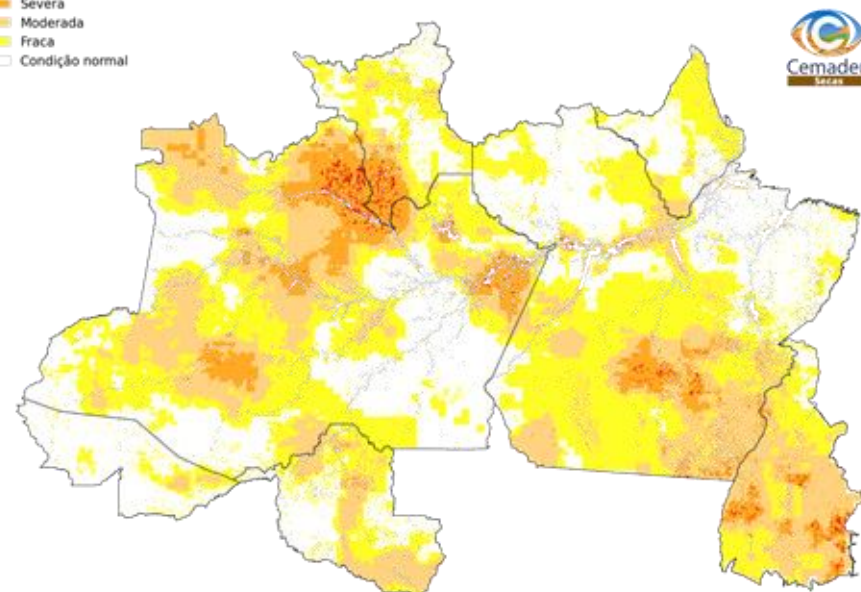
- Excepcional
- Extrema
- Severa
- Moderada
- Fraca
- Condição normal



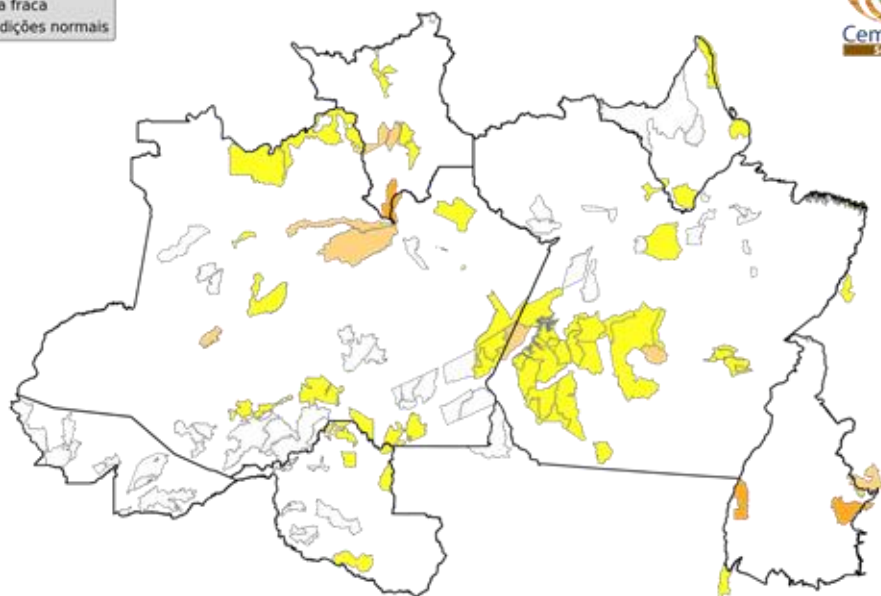
IIS-6

Classes de seca

- Excepcional
- Extrema
- Severa
- Moderada
- Fraca
- Condição normal



UNIDADES DE CONSERVAÇÃO



AGOSTO/2026
(PARCIAL)

Número de Unidades de Conservação
por classes de seca:

Seca excepcional:	0 (0.0%)
Seca extrema:	0 (0.0%)
Seca severa:	4 (2.7%)
Seca moderada:	13 (8.7%)
Seca fraca:	65 (43.6%)
Condições normais:	67 (45.0%)

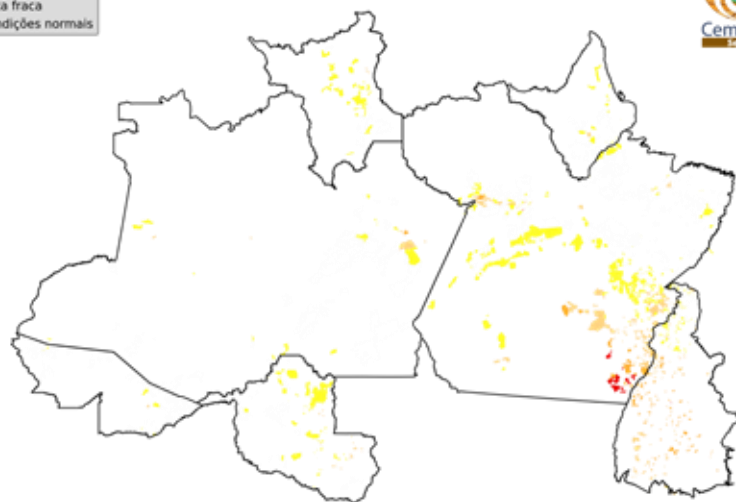
Índice Integrado de Seca - 3 meses (IIS3)

IIS-3 TERRITÓRIOS

AGOSTO/2026

(PARCIAL)

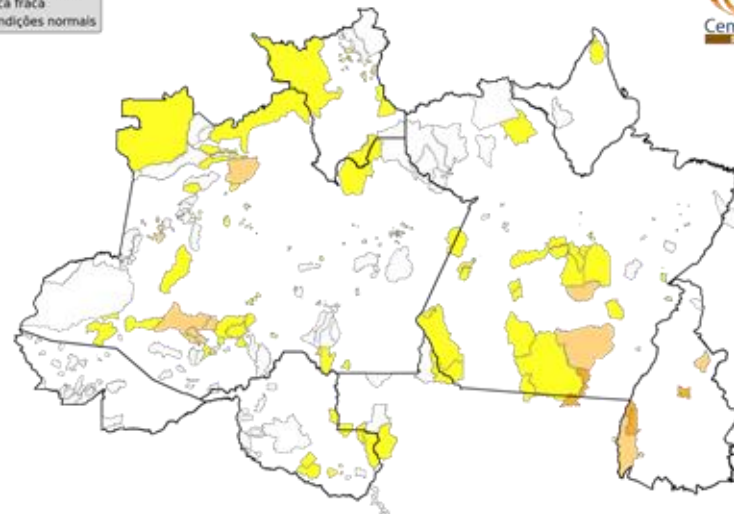
PROJETOS DE ASSENTAMENTO



Número de Assentamentos
por classes de seca:
Seca excepcional: 0 (0.0%)
Seca extrema: 28 (1.5%)
Seca severa: 140 (7.4%)
Seca moderada: 319 (16.8%)
Seca fraca: 590 (31.0%)
Condições normais: 805 (42.3%)

Índice Integrado de Seca - 3 meses (IIS3)

TERRAS INDÍGENAS



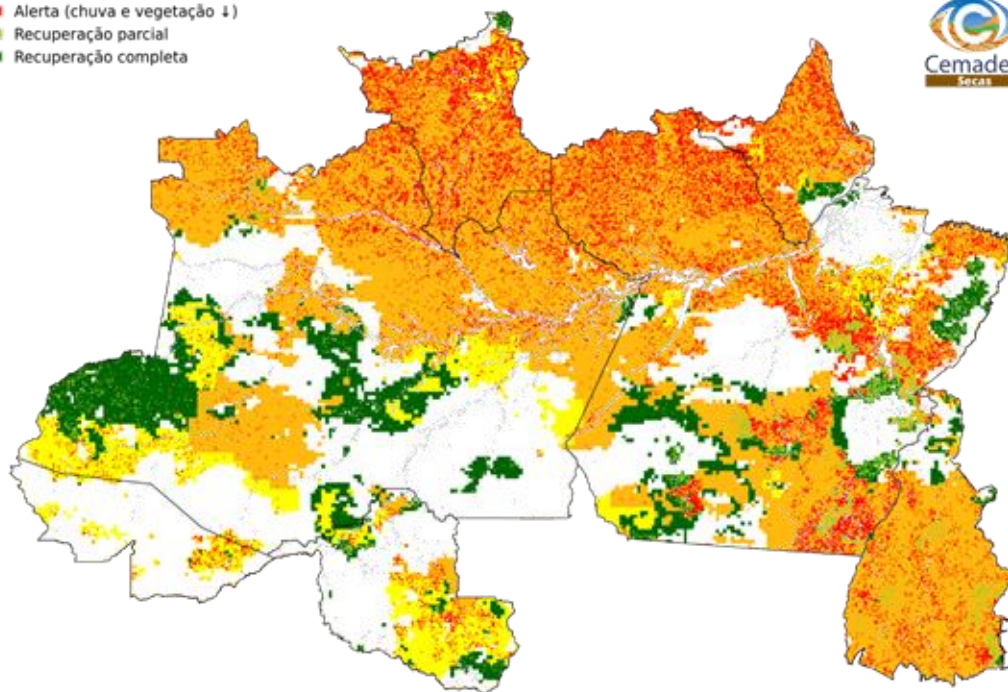
Número de Terras Indígenas
por classes de seca:
Seca excepcional: 0 (0.0%)
Seca extrema: 0 (0.0%)
Seca severa: 9 (2.8%)
Seca moderada: 34 (10.6%)
Seca fraca: 102 (31.8%)
Condições normais: 174 (54.2%)

Índice Integrado de Seca - 3 meses (IIS3)

PROGRESSÃO E INTENSIFICAÇÃO DAS CONDIÇÕES DE SECA (PICS)

**AGOSTO/2026
(PARCIAL)**

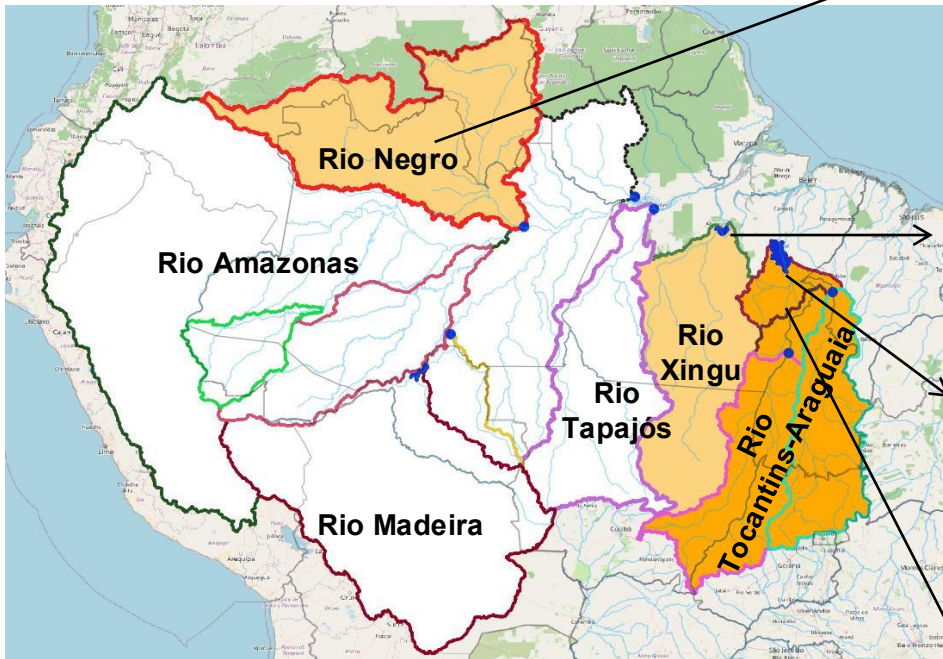
- Progressão da seca
- Condição normal
 - Observação (chuva ↓)
 - Atenção (chuva e umid. solo ↓)
 - Alerta (chuva e vegetação ↓)
 - Recuperação parcial
 - Recuperação completa



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

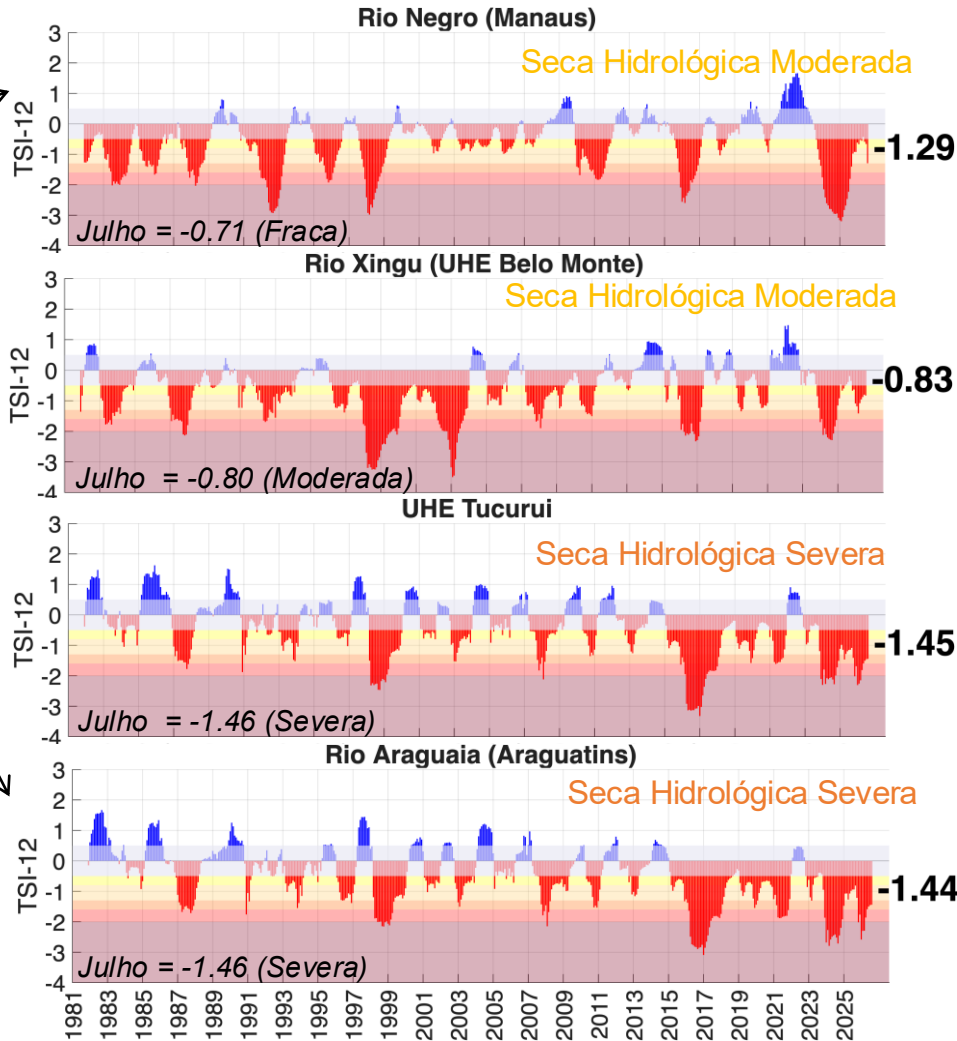
Escala de Longo Prazo: **TSI-12 meses**

Agosto parcial 2026



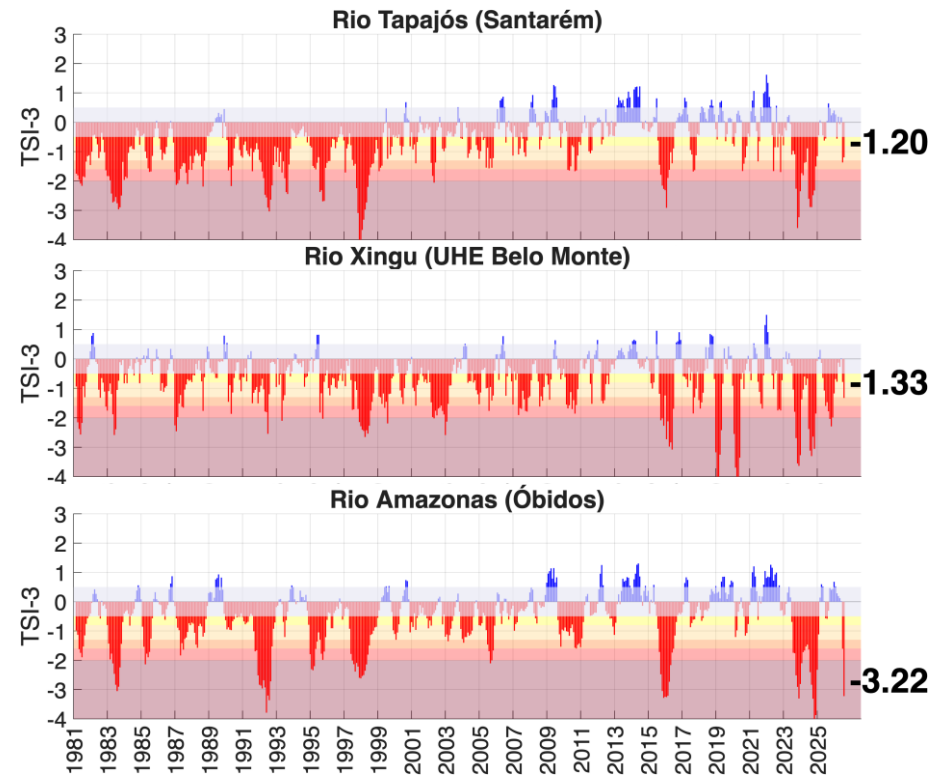
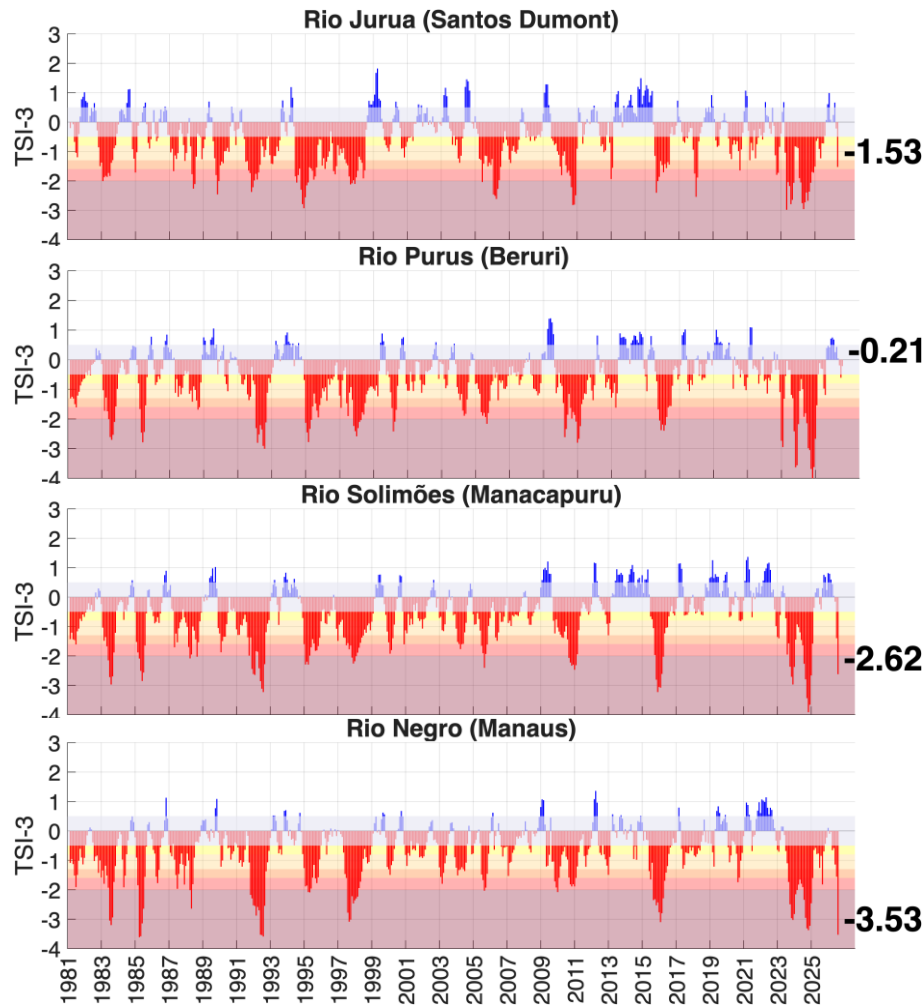
Bacia Estação S. Dumont
 Bacia Estação Beruri
 Bacia Estação Descarreto
 Bacia Estação C. Araguaia
 Bacia UHE Santo Antonio
 Bacia Estação Humaita
 Bacia Estação Araguatins
 Bacia UHE Tucunui
 Bacia Estação Manaus
 Bacia Estação Manacapuru
 Bacia Estação Santarem
 Bacia Estação Óbidos
 Bacia UHE Belo Monte
 Reservatórios
 Estações Fluviométricas

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



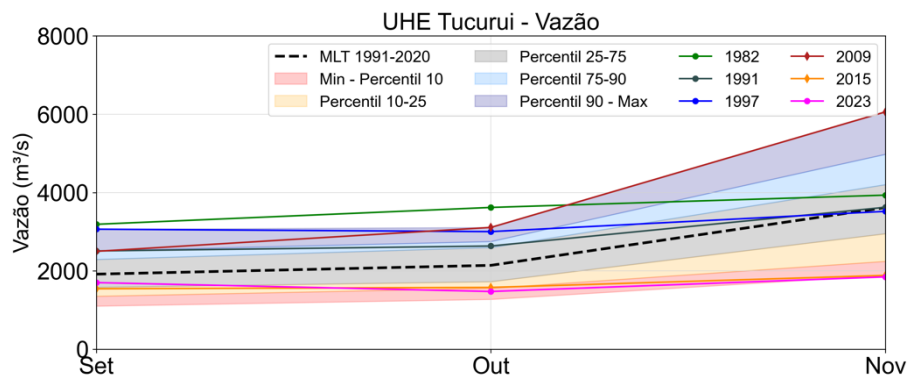
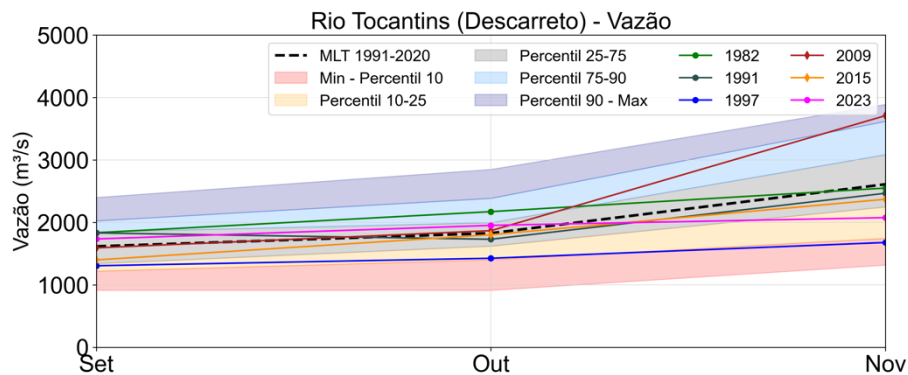
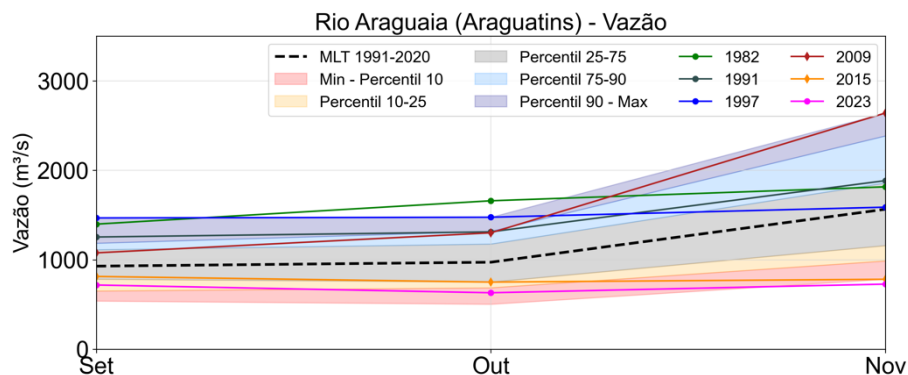
Índice Bivariado de Seca (Precipitação-Cota/Vazão) - TSI

Escala de Curto Prazo: **TSI-3**

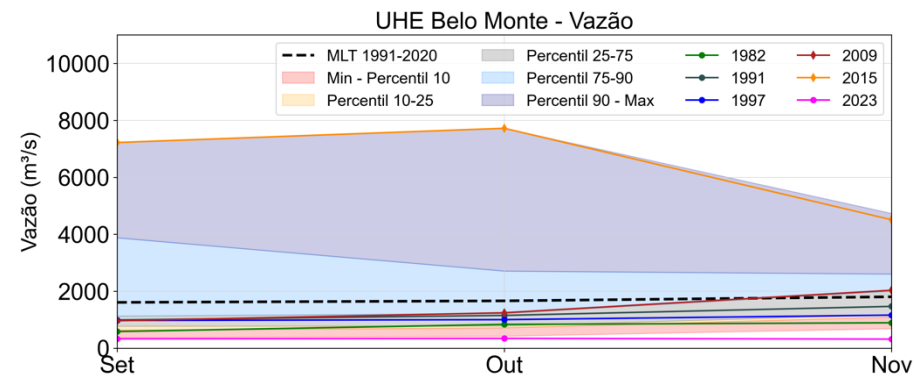
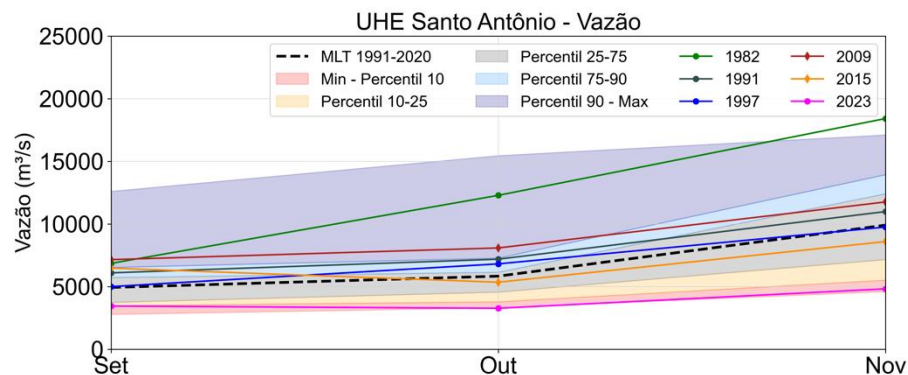


Primeiros sinais do impacto nos recursos hídricos na região associados ao déficit de chuvas e altas temperaturas.

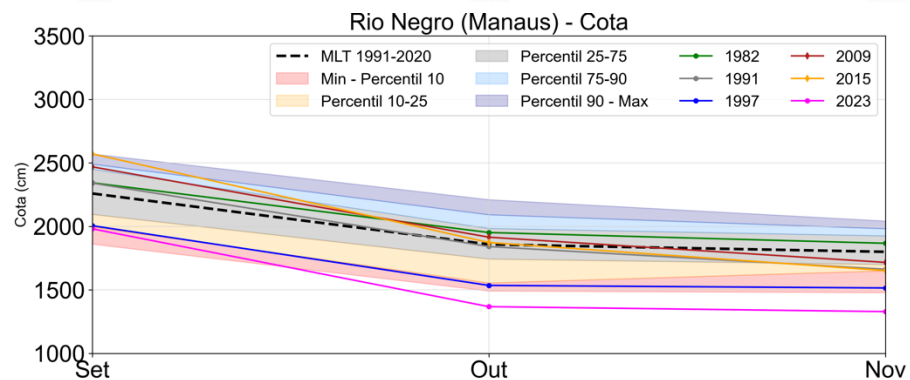
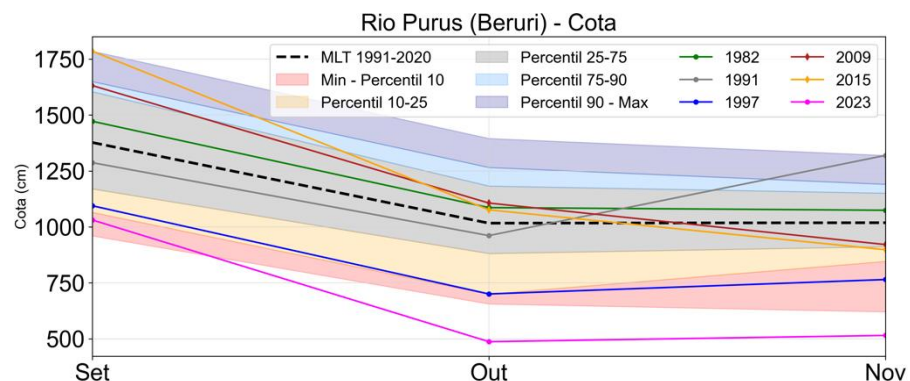
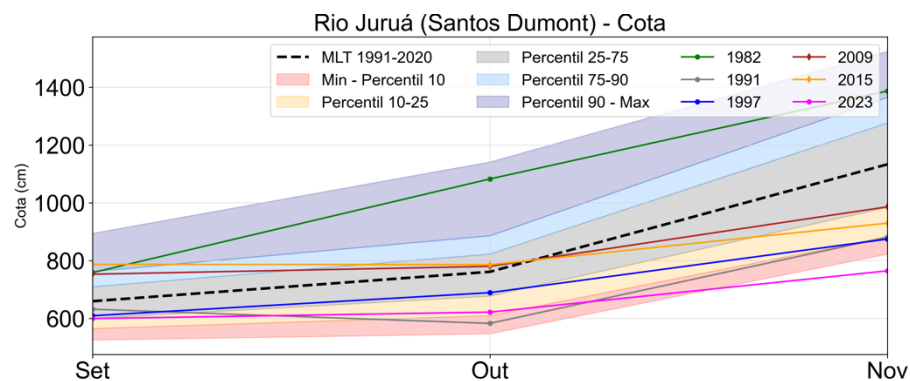
Anos Análogos de El Niño



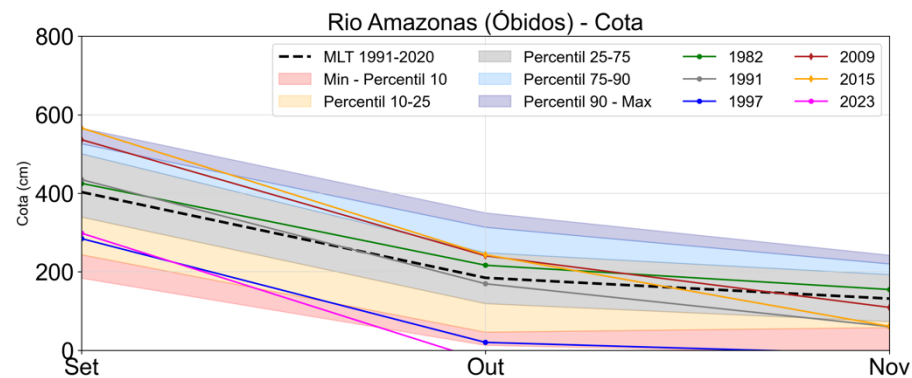
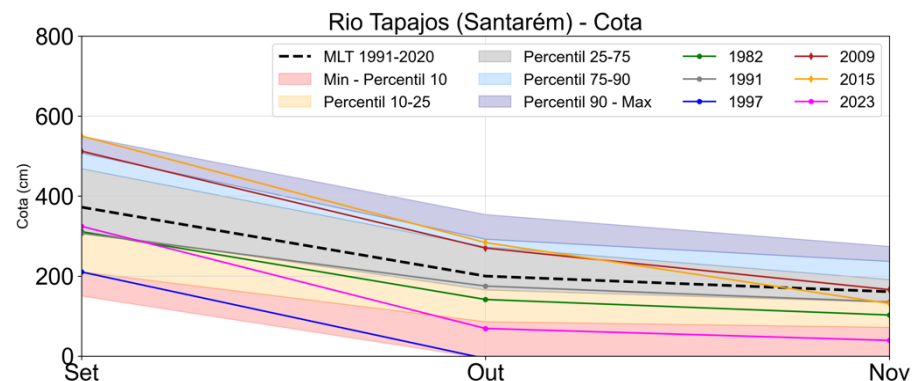
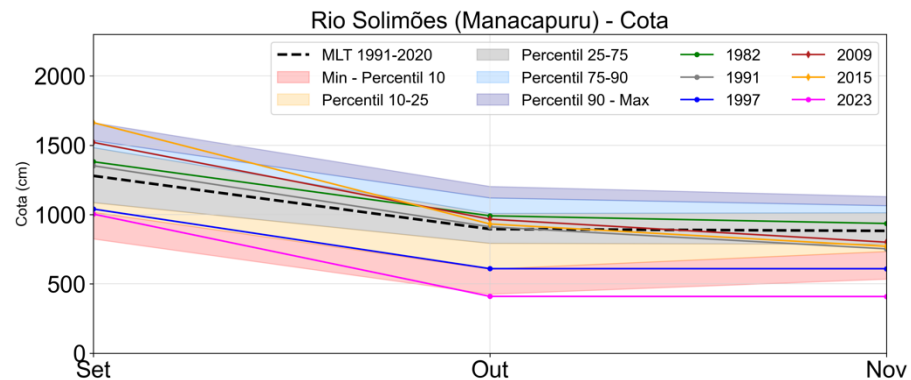
Trimestre SON
1982, 1991, 1997, 2009, 2015, 2023



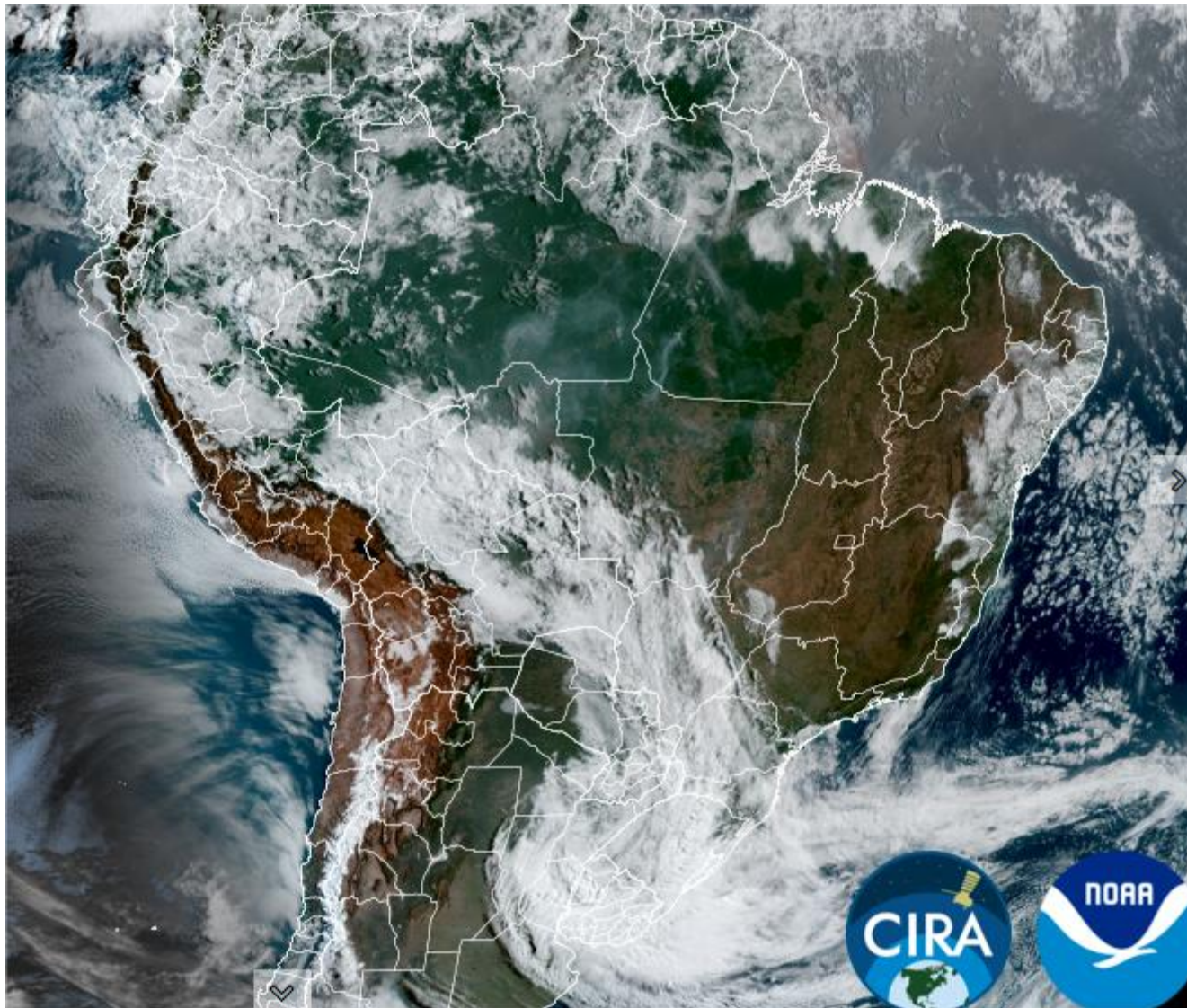
Anos Análogos de El Niño



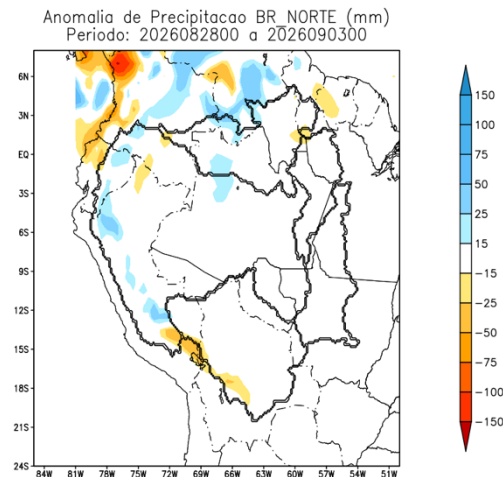
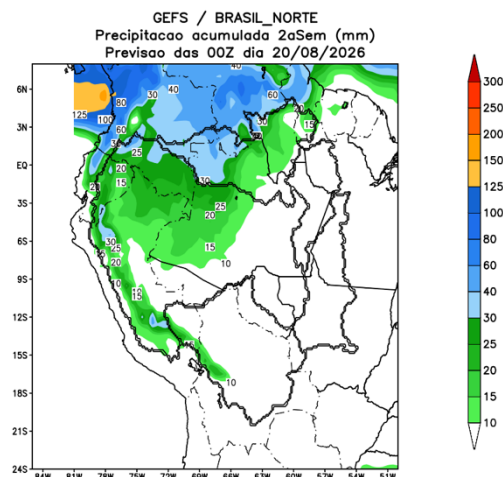
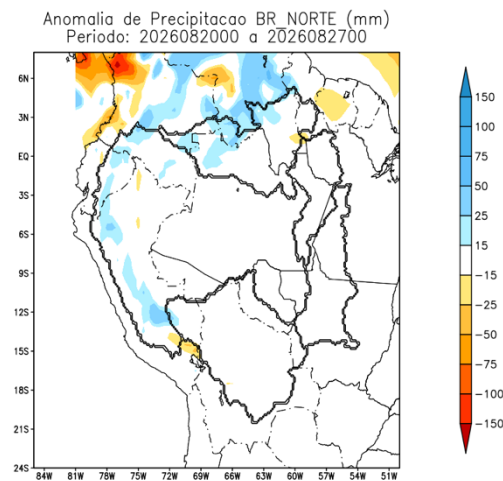
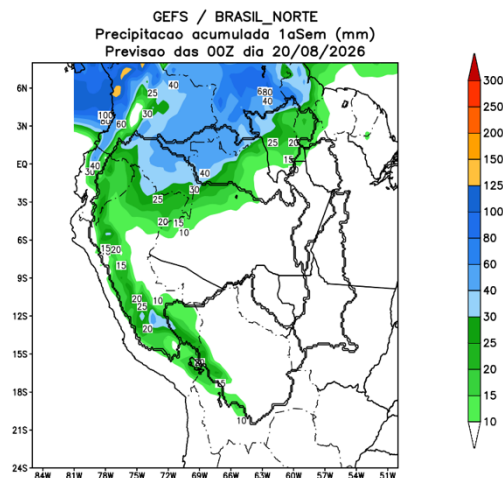
Trimestre SON
1982, 1991, 1997, 2009, 2015, 2023



Situação meteorológica atual



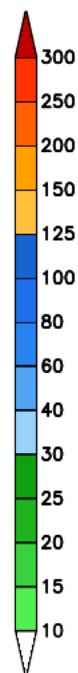
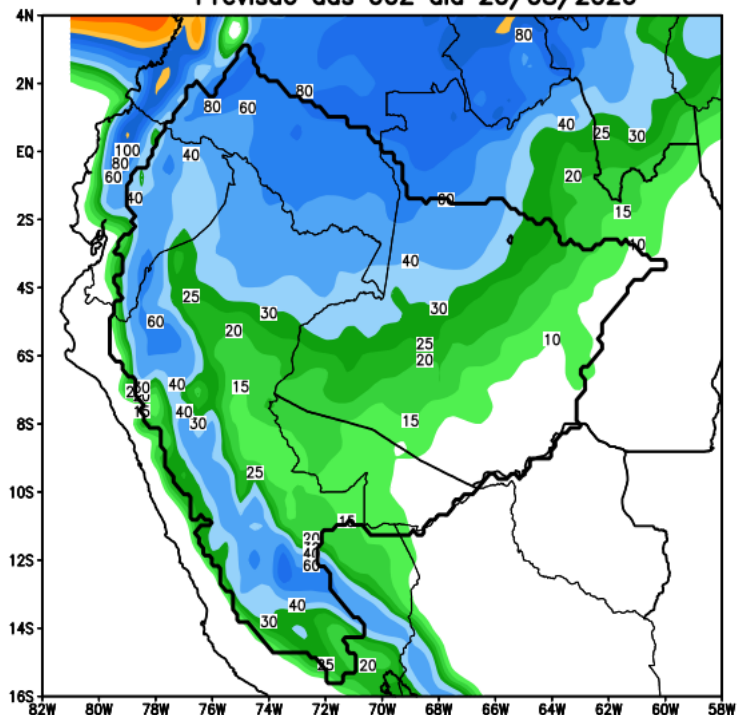
Previsão de chuva próximas duas semanas



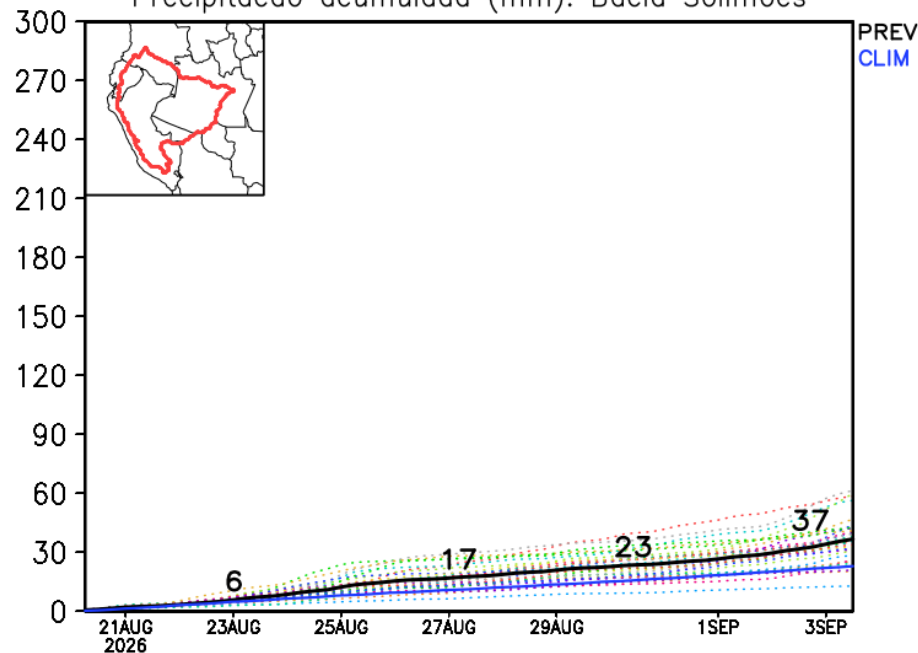
Previsão de chuva próximas duas semanas

Rio Solimões

GEFS / Bacia do Rio Solimões
Precipitação acumulada em 14 dias (mm)
Previsão das 00Z dia 20/08/2026



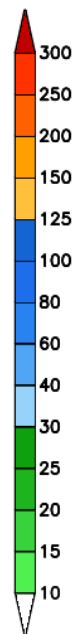
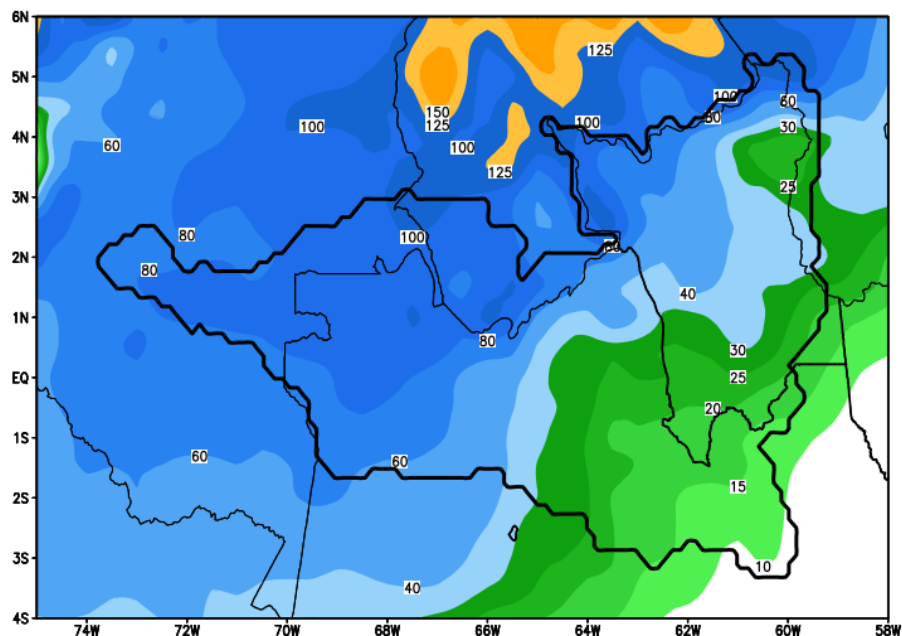
Precipitação acumulada (mm): Bacia Solimões



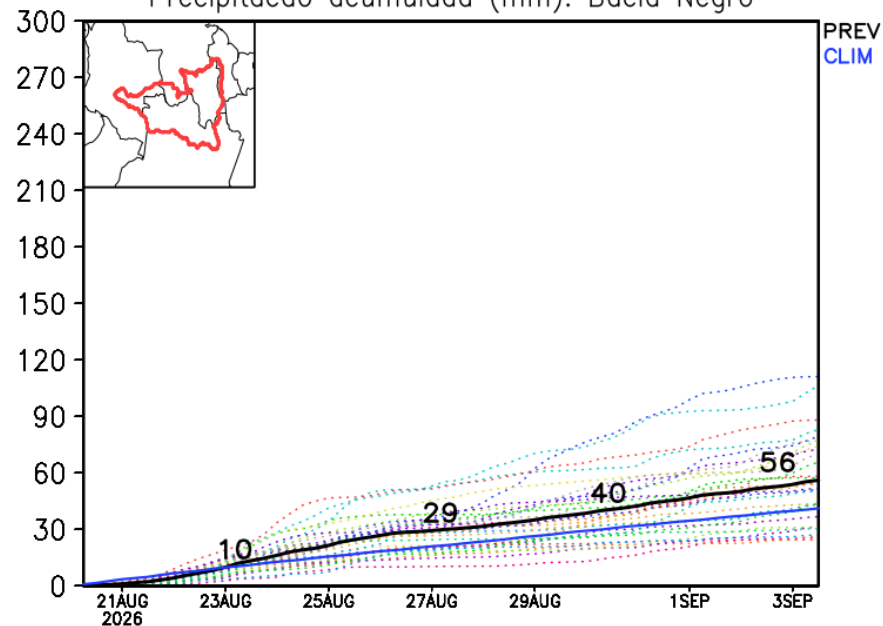
Previsão de chuva próximas duas semanas

Rio Negro

GEFS / Bacia do Rio Negro
Precipitação acumulada em 14 dias (mm)
Previsão das 00Z dia 20/08/2026



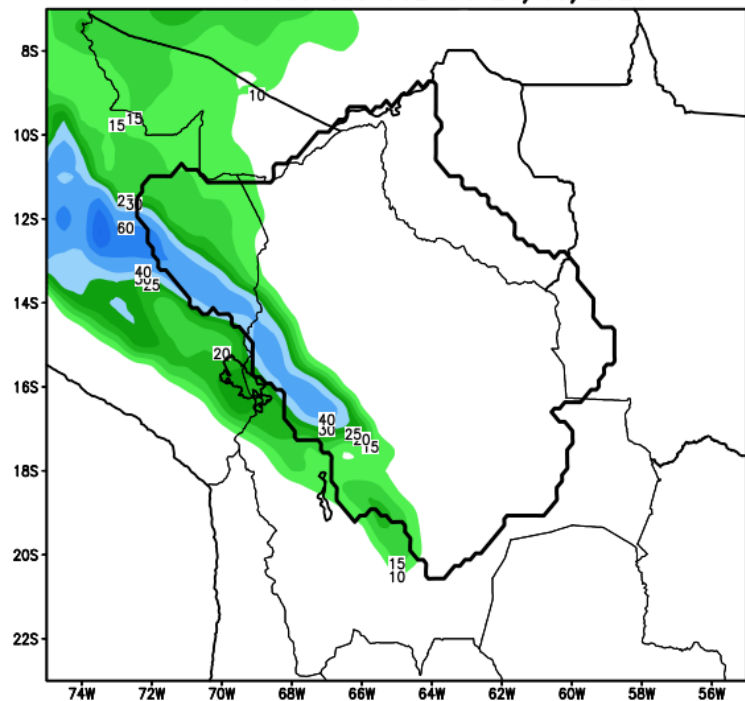
Precipitação acumulada (mm): Bacia Negro



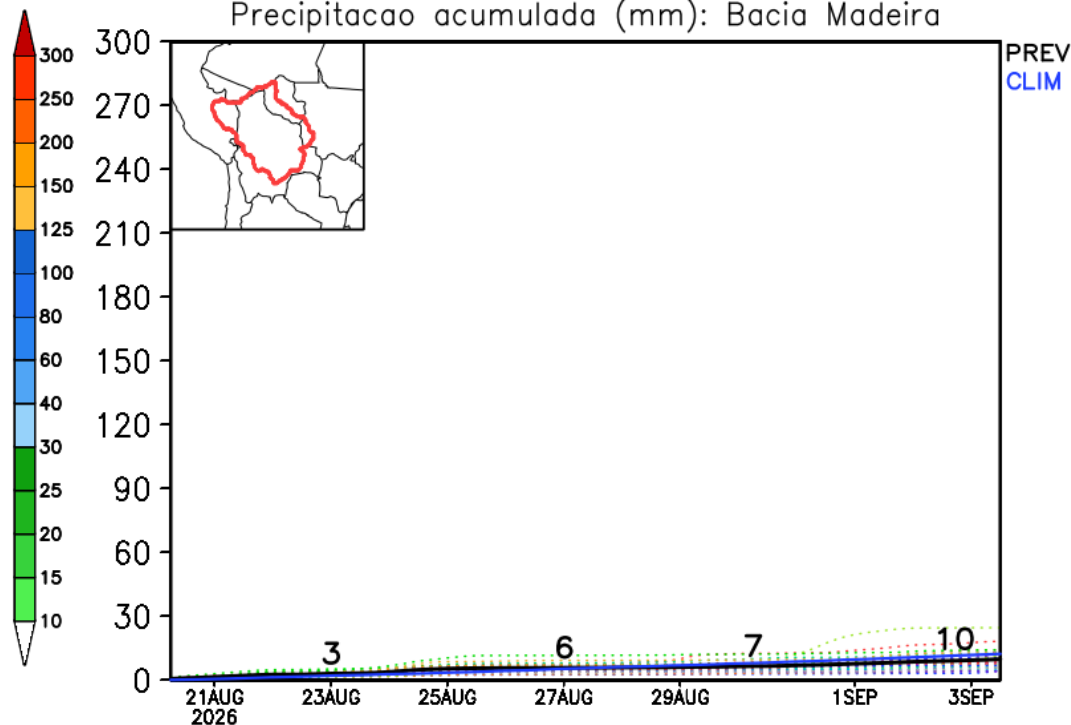
Previsão de chuva próximas duas semanas

Rio Madeira

GEFS / Bacia do Rio Madeira
Precipitação acumulada em 14 dias (mm)
Previsão das 00Z dia 20/08/2026



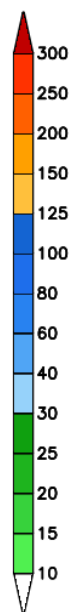
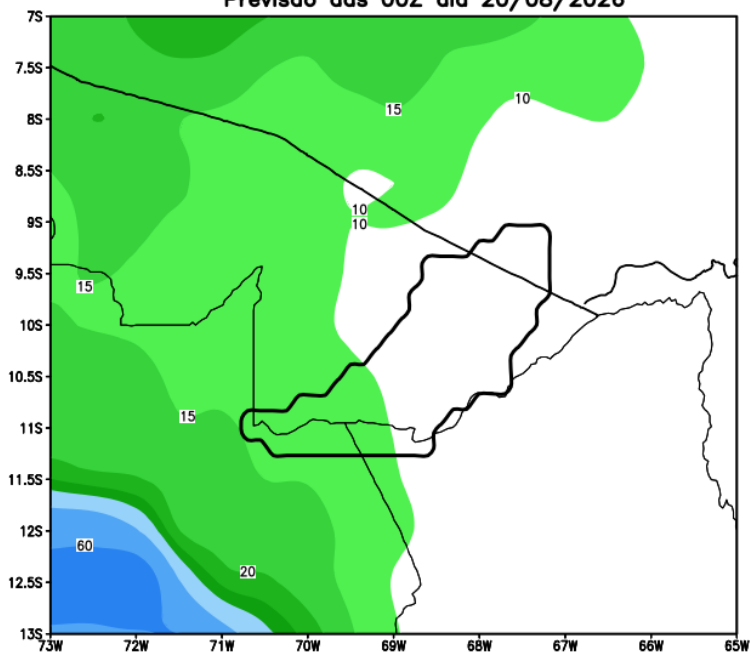
Precipitação acumulada (mm): Bacia Madeira



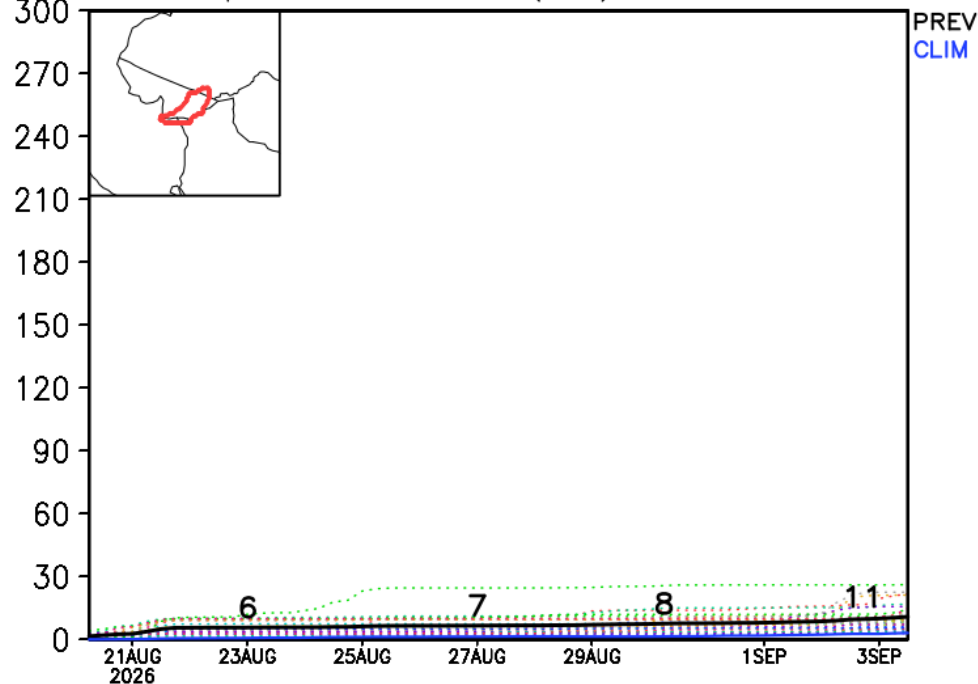
Previsão de chuva próximas duas semanas

Rio Acre

GEFS / Bacia do Rio Acre
Precipitação acumulada em 14 dias (mm)
Previsão das 00Z dia 20/08/2026



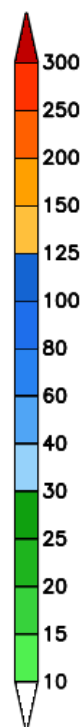
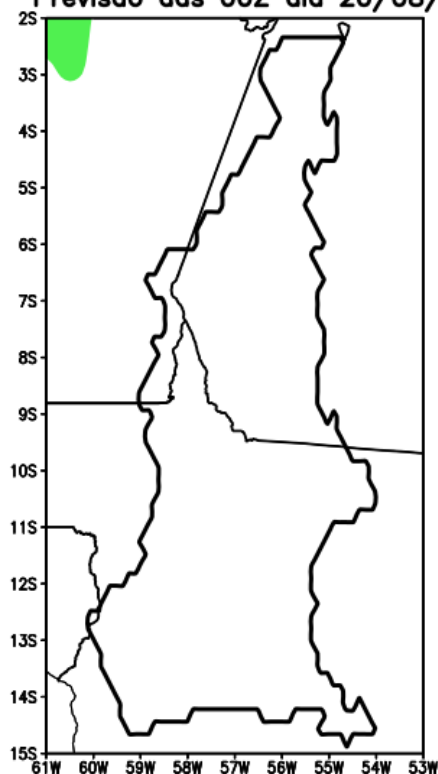
Precipitação acumulada (mm): Bacia RioAcre



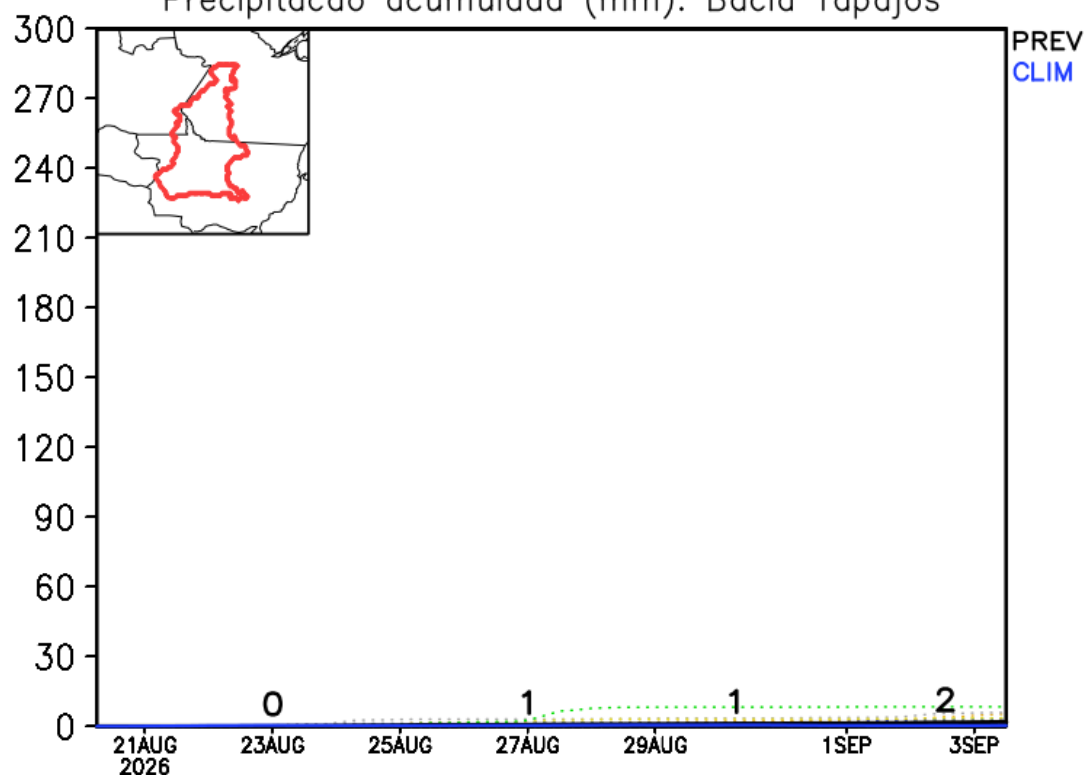
Previsão de chuva próximas duas semanas

Rio Tapajós

GEFS_50km / Bacia do Rio Tapajós
Precipitação acumulada em 14 dias (mm)
Previsão das 00Z dia 20/08/2026



Precipitação acumulada (mm): Bacia Tapajós



PREV
CLIM

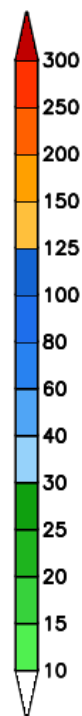
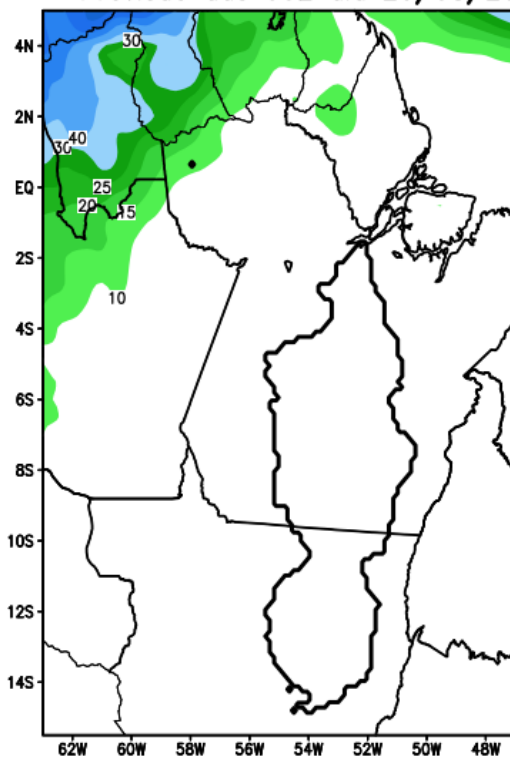
Previsão de chuva próximas duas semanas

Rio Xingu

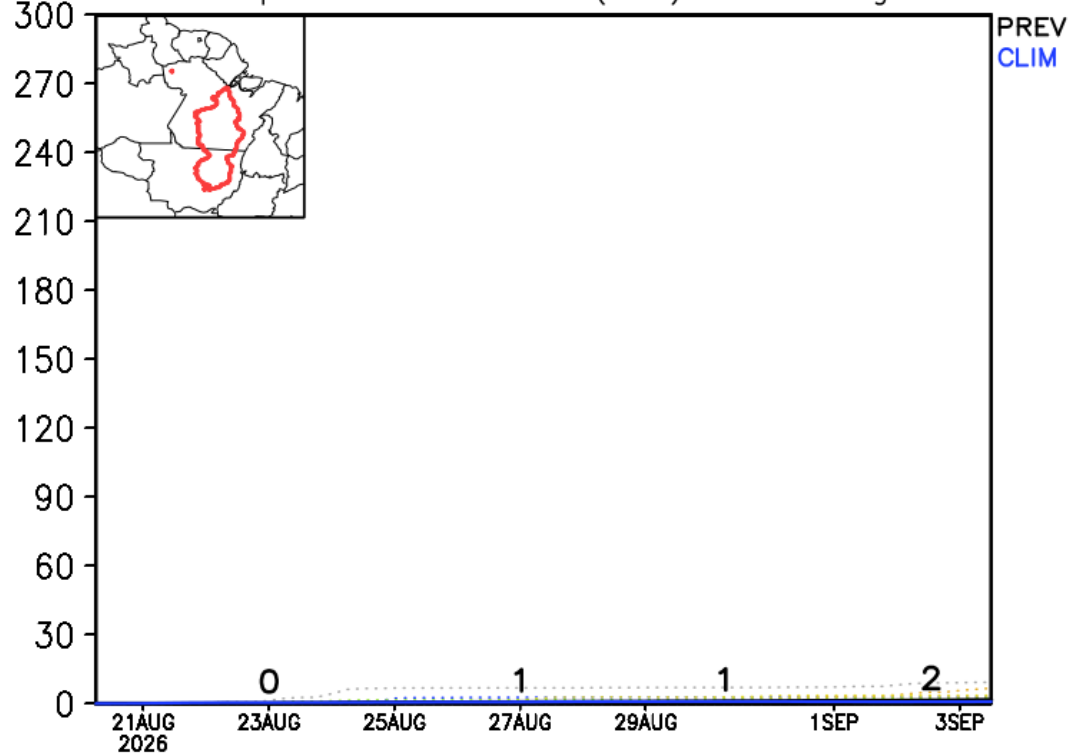
GEFS / Xingu

Precipitação acumulada em 14 dias (mm)

Previsão das 00Z dia 20/08/2026



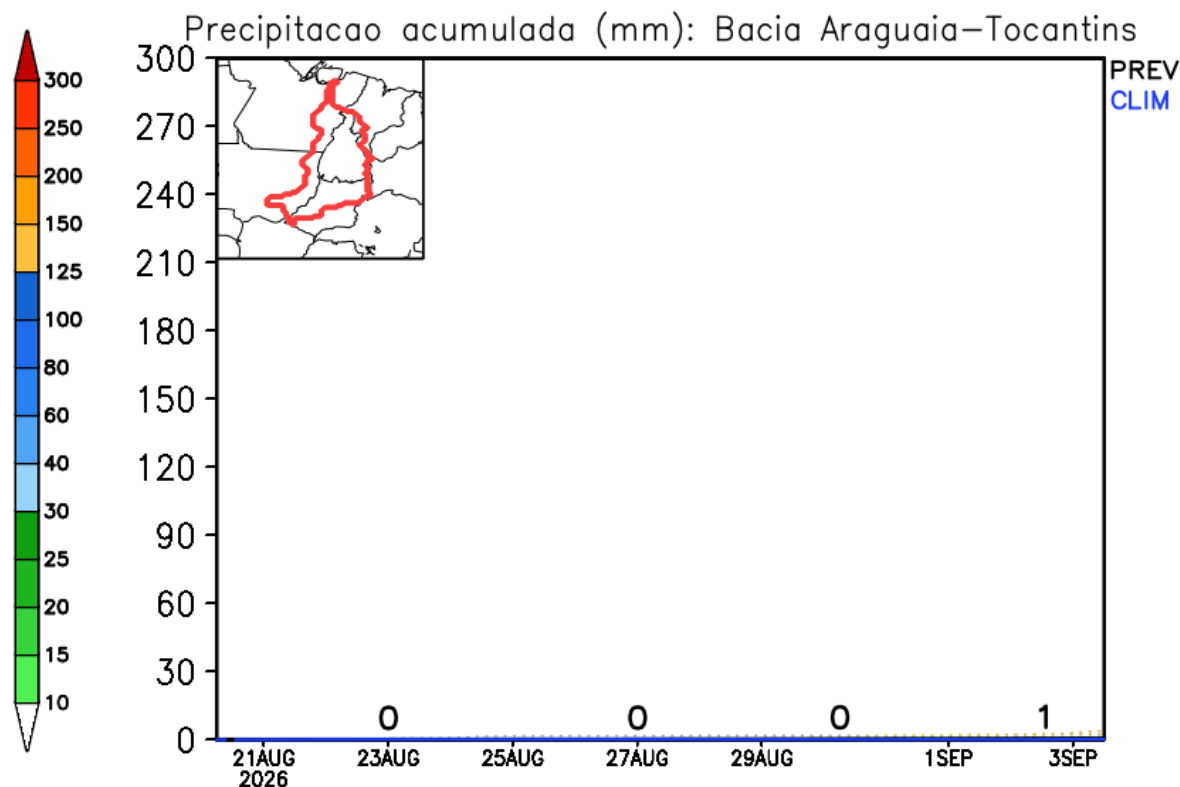
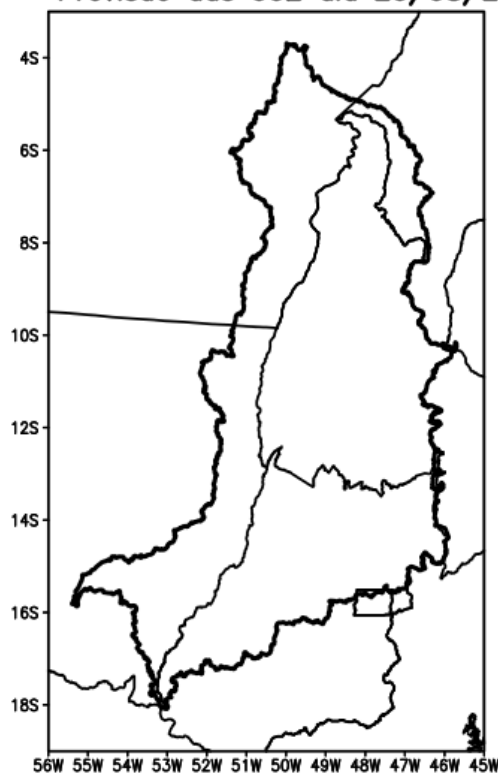
Precipitação acumulada (mm): Bacia Xingu



Previsão de chuva próximas duas semanas

Rio Araguaia-Tocantins

GEFS / Bacia Araguaia-Tocantins
Precipitação acumulada em 14 dias (mm)
Previsão das 00Z dia 20/08/2026

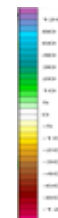
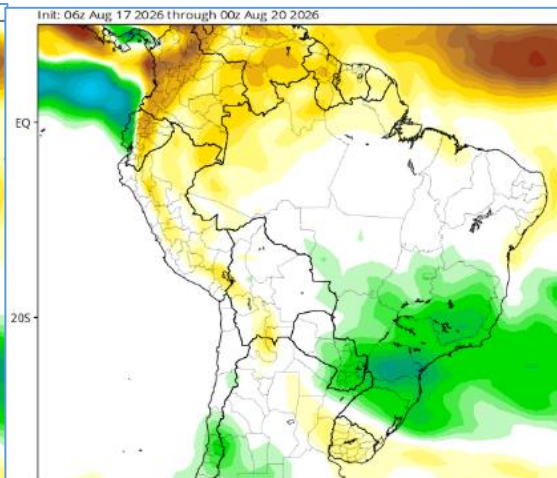
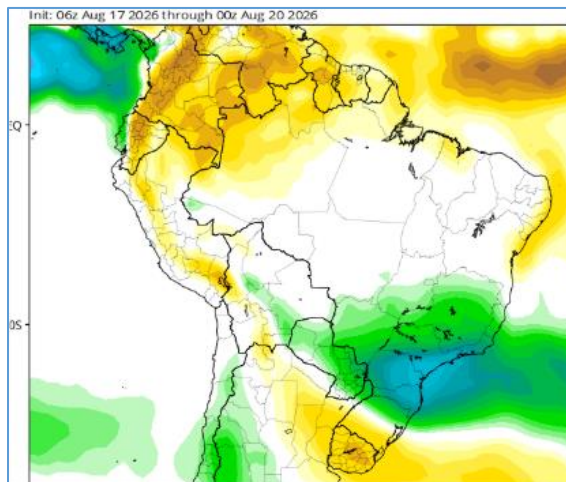


Tendência 3a e 4a semanas

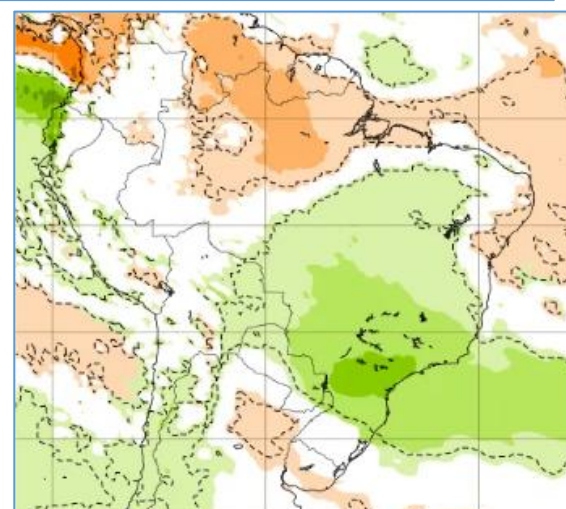
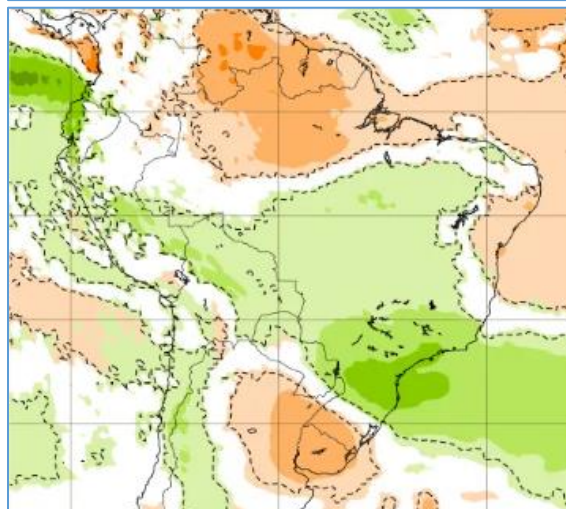
03-10 Set

10-17 Set

CFS/NOAA



ECMWF



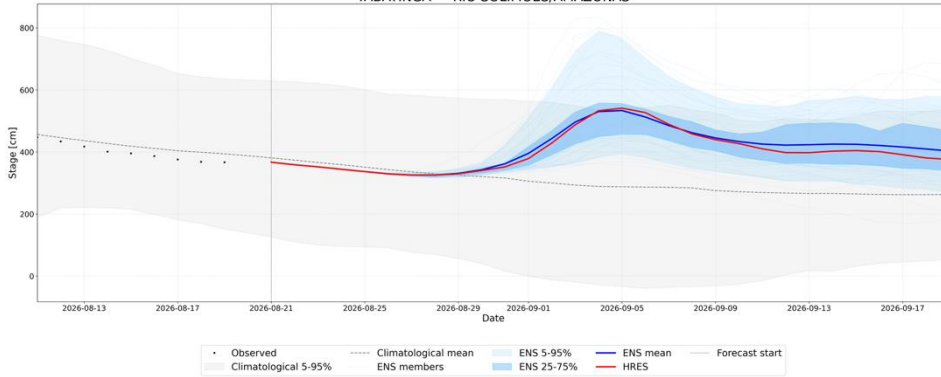
31 Ago- 07 Set

07-14 Set

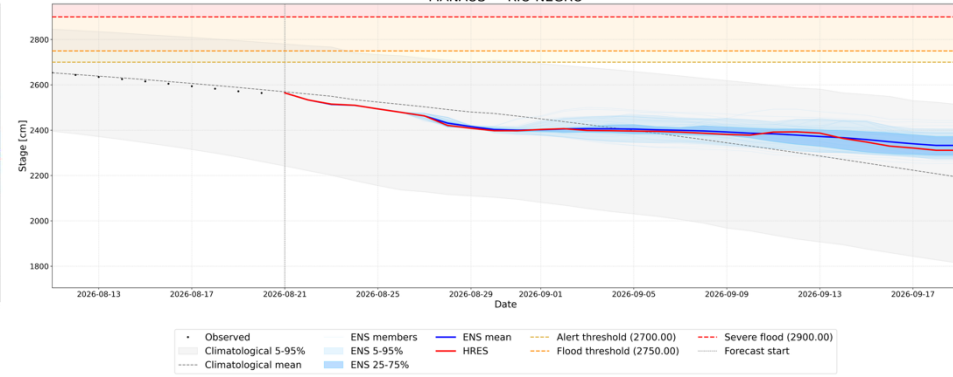


Previsão Hidrológica GLOFAS/CEMADEN – 30 dias

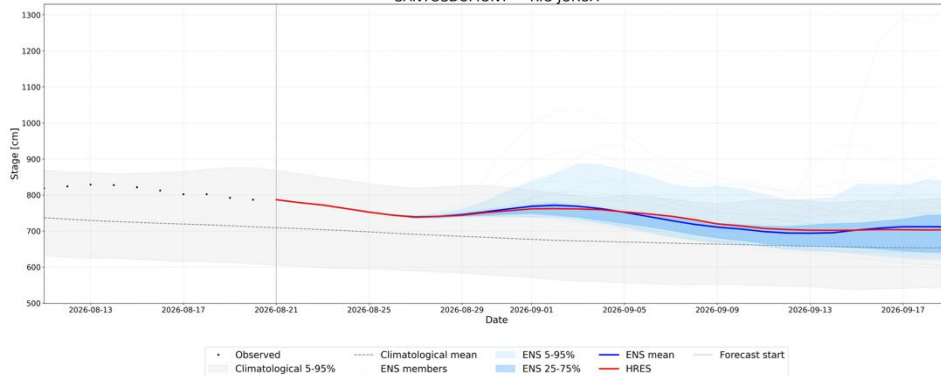
GloFAS stage forecast — ENS + HRES: 2026-08-20
TABATINGA — RIO SOLIMÕES/AMAZONAS



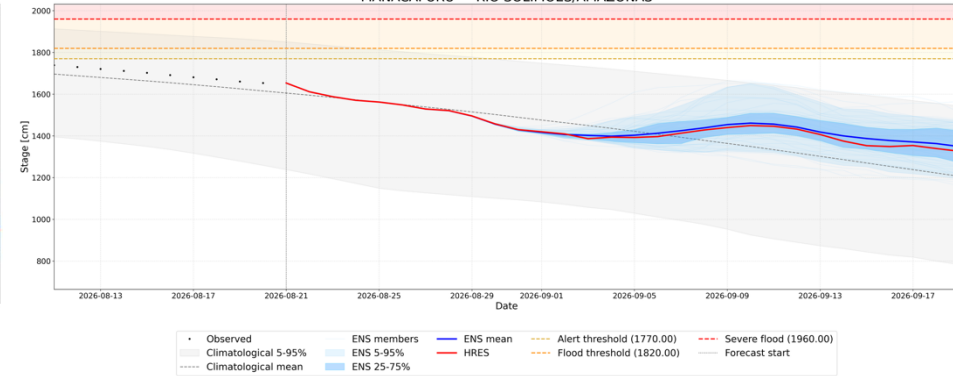
GloFAS stage forecast — ENS + HRES: 2026-08-20
MANAUS — RIO NEGRO



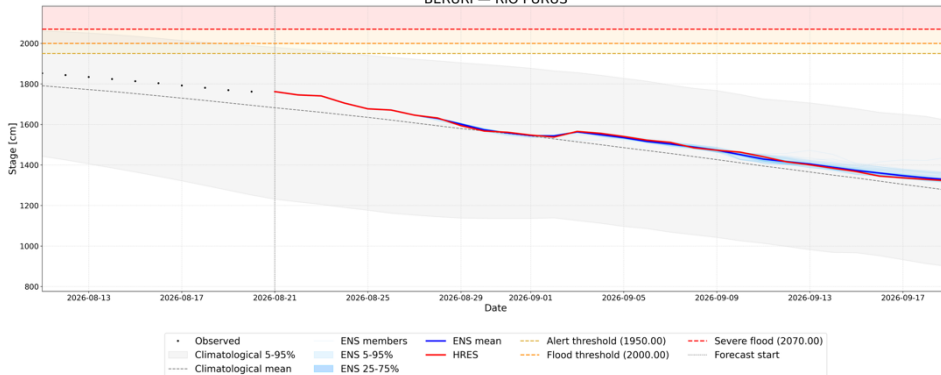
GloFAS stage forecast — ENS + HRES: 2026-08-20
SANTOSDUMONT — RIO JURUA



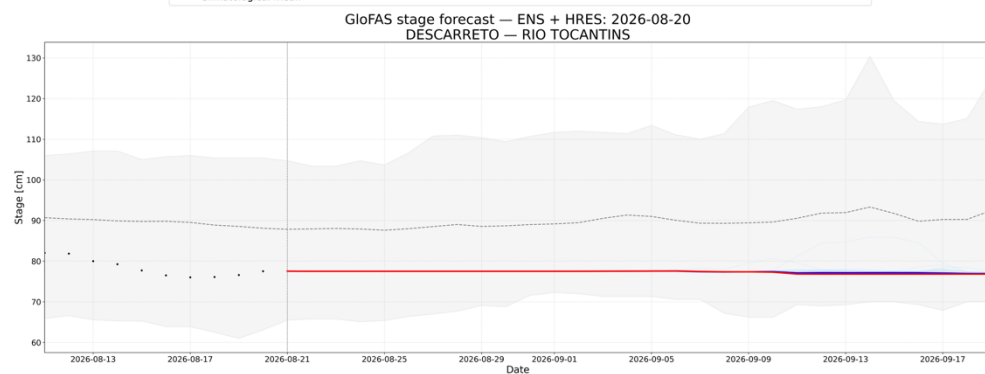
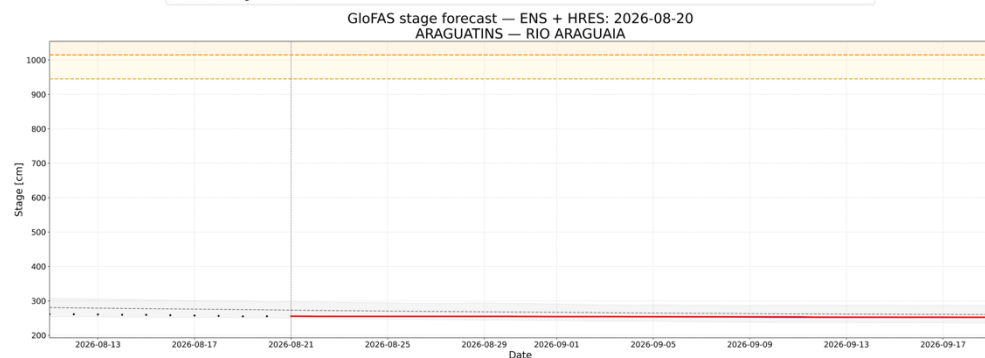
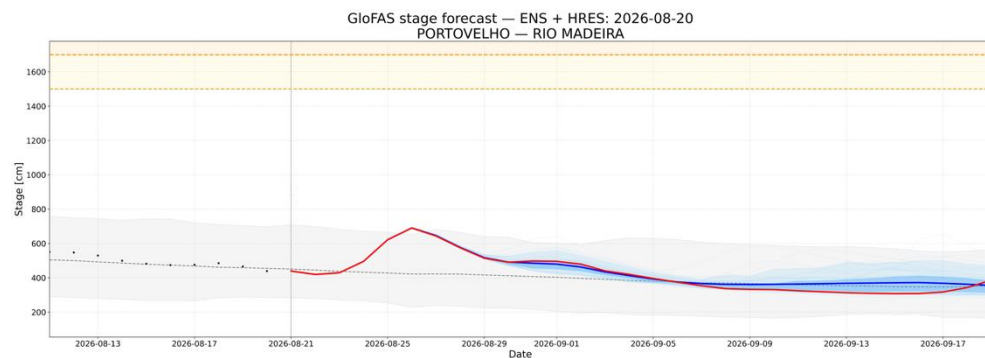
GloFAS stage forecast — ENS + HRES: 2026-08-20
MANACAPURU — RIO SOLIMÕES/AMAZONAS



GloFAS stage forecast — ENS + HRES: 2026-08-20
BERURI — RIO PURUS

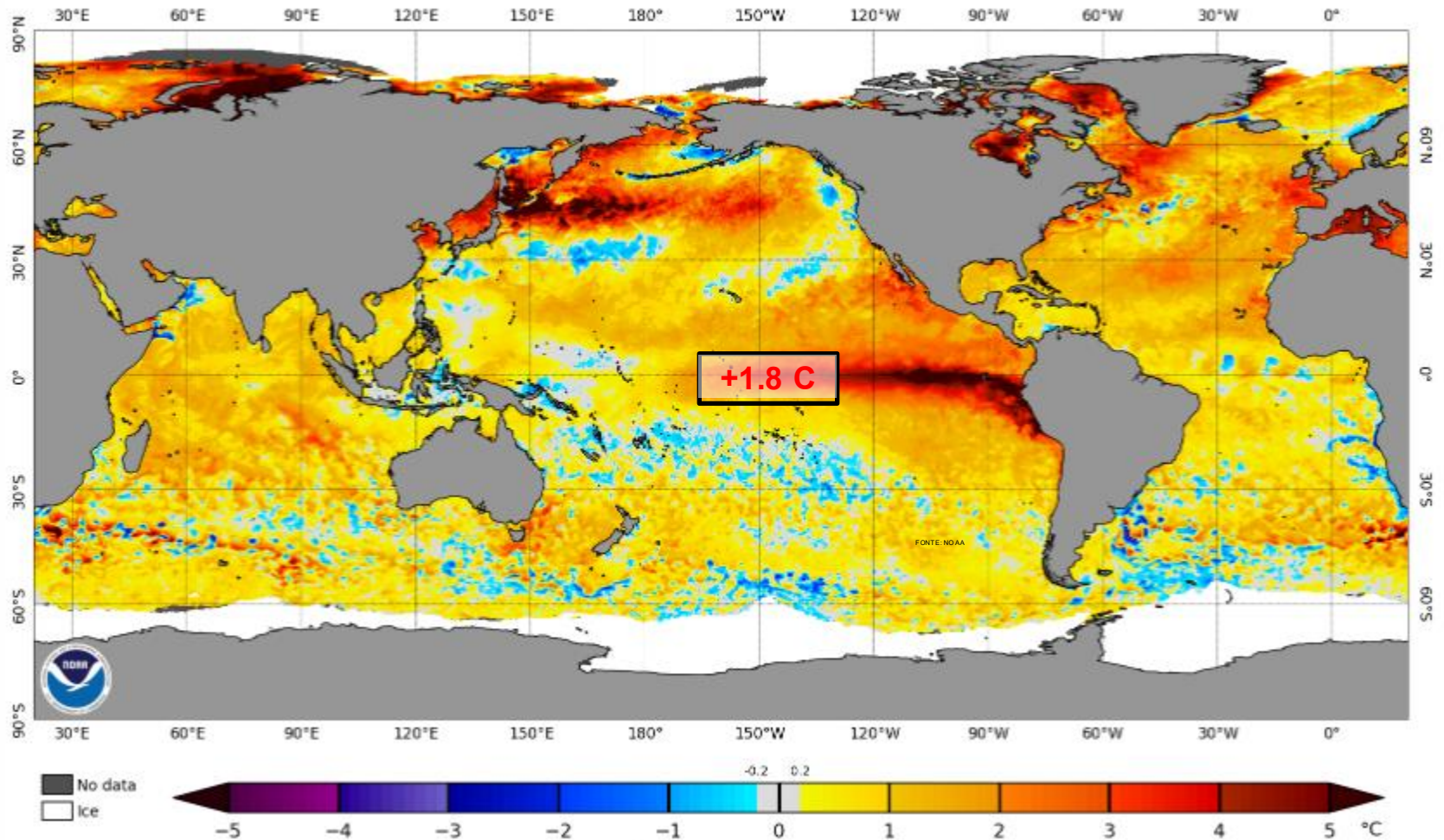


Previsão Hidrológica GLOFAS/CEMADEN – 30 dias

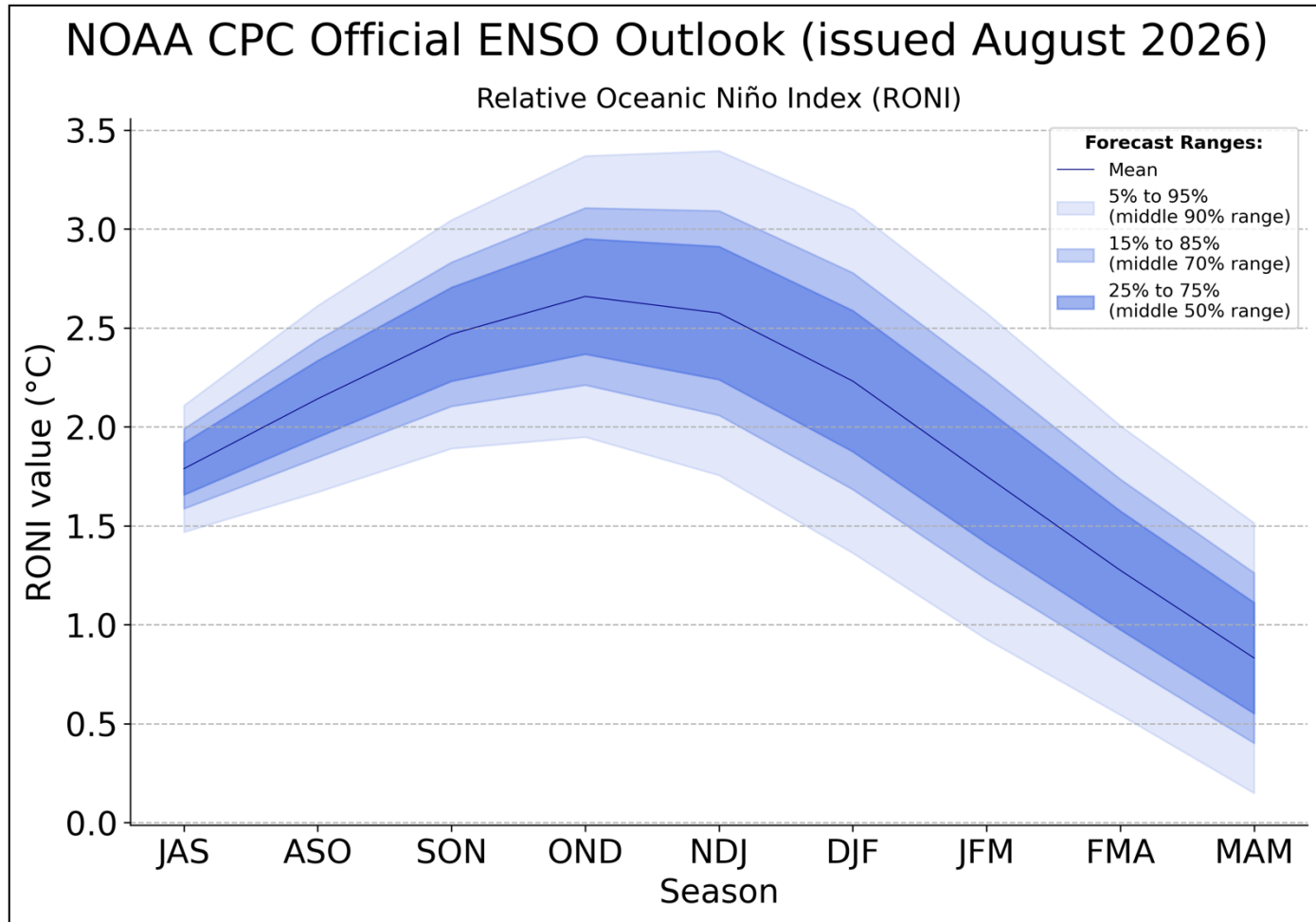


Status Atual: **El Niño**

NOAA Coral Reef Watch Daily 5km SST Anomalies (v3.1) 18 Aug 2026

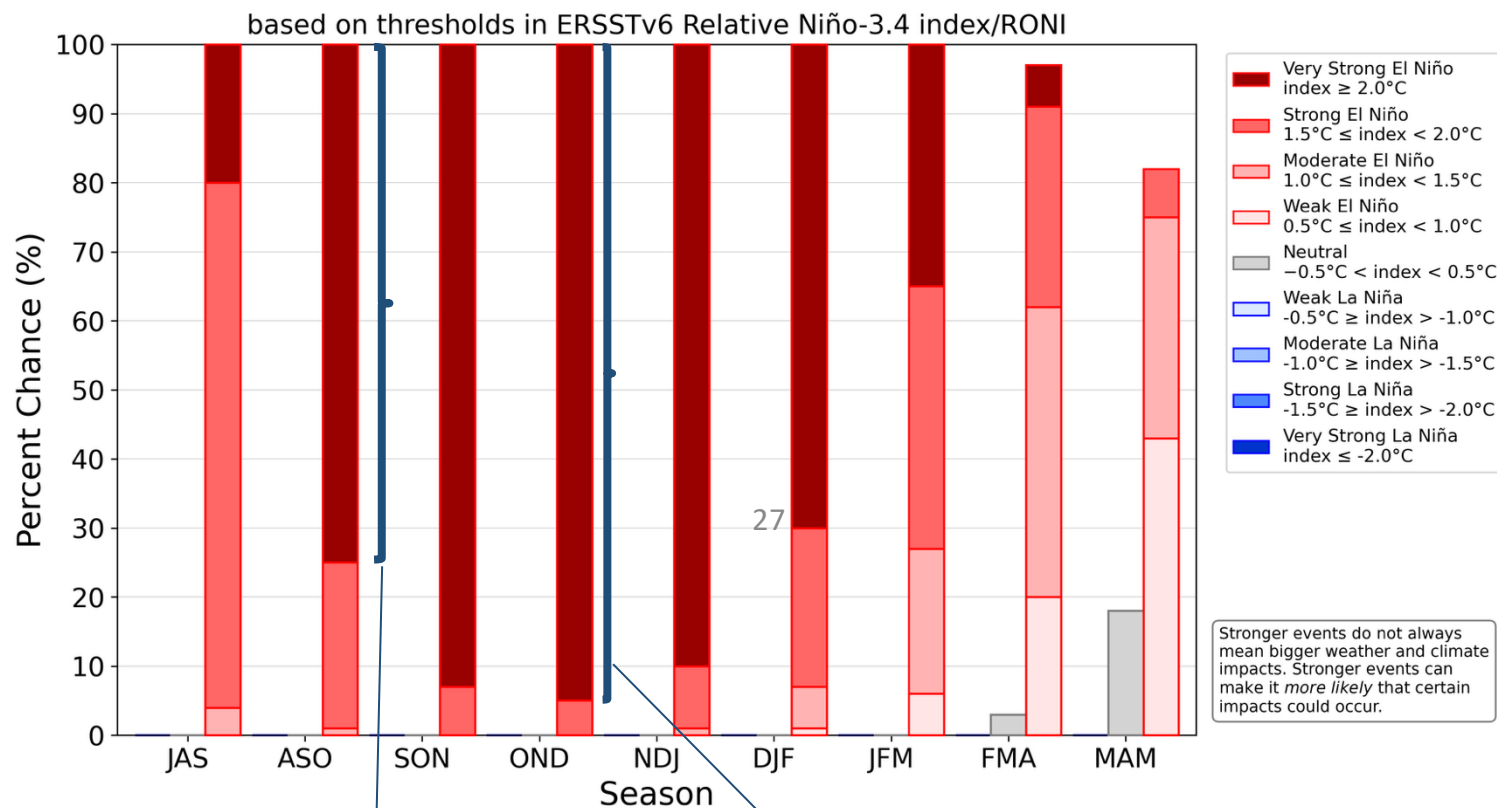


Previsão da Intensidade do “ENSO”



Previsão da intensidade do “El Niño”

NOAA CPC ENSO Strength Probabilities (issued August 2026)



65% de chance de
EN muito forte em ASO

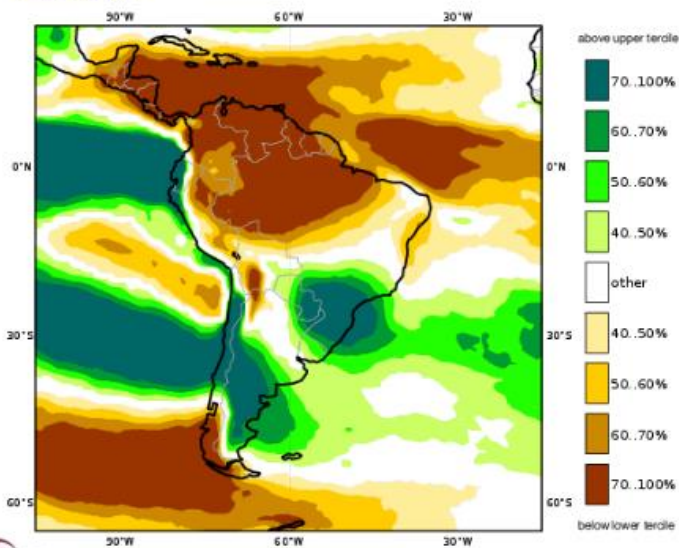
>90% de chance de
EN muito forte em OND

Previsão Sazonal de Chuva Multi-Modelo

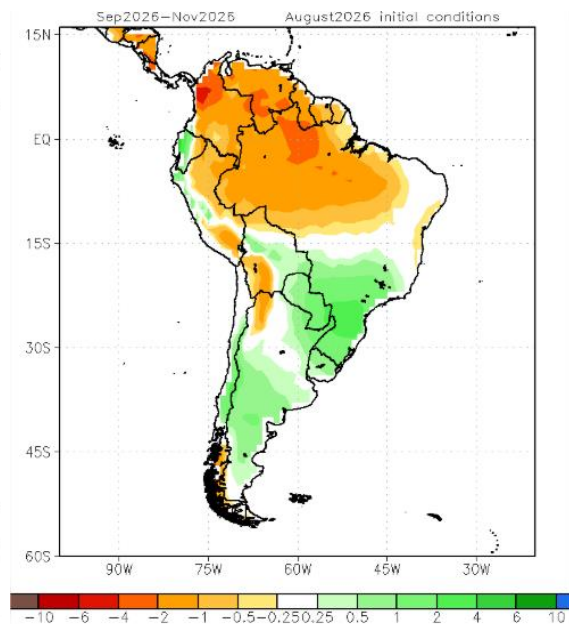
Setembro-Outubro-Novembro

C3S multi-system seasonal forecast
Prob(most likely category of precipitation)
Nominal forecast start: 01/08/26
Unweighted mean

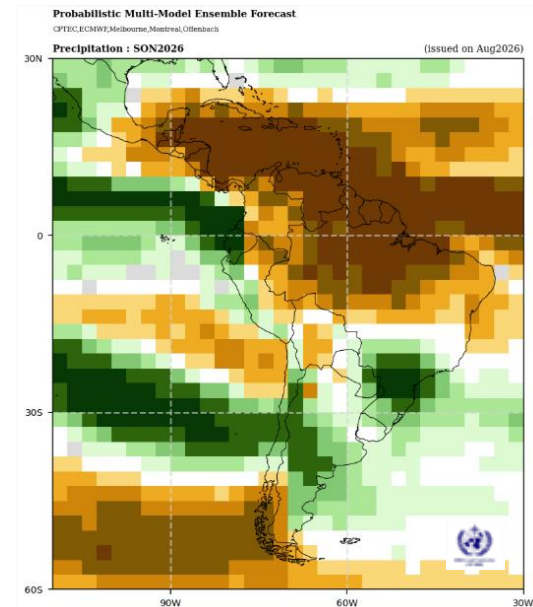
SON 2021



Modelos “Europeus”



Modelos Norte Americanos



Modelos da WMO

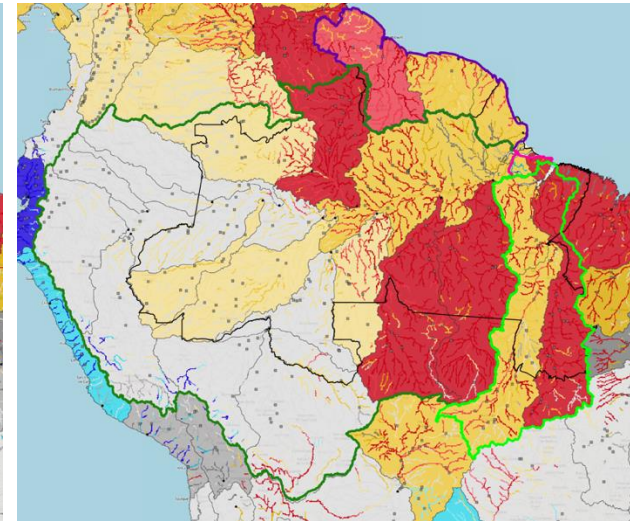
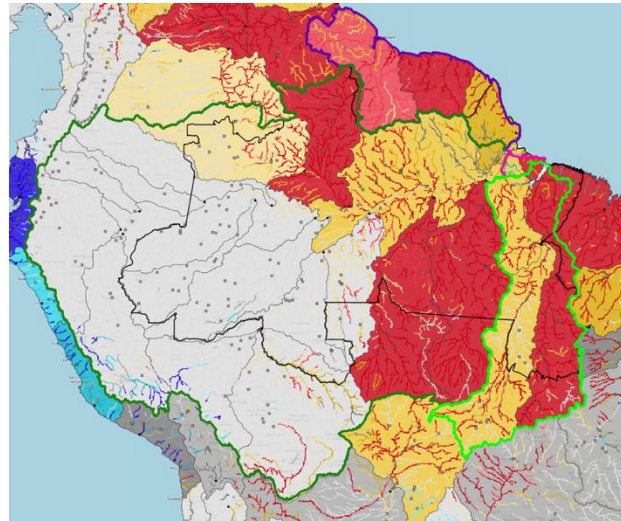
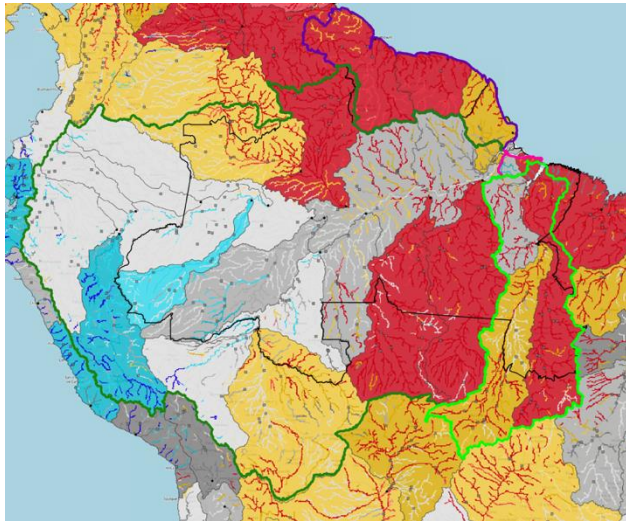
Previsão Sazonal (SON) de vazões naturais para a Região Norte (GloFAS)

Previsão: Setembro, Outubro e Novembro de 2026

Setembro

Outubro

Novembro



-  Interbacia Orinoco-Amazonas
-  Bacia do Amazonas
-  Interbacia Amazonas-Tocantins
-  Bacia do Tocantins-Araguaia
-  Região Norte

Categoria de anomalia de vazões (percentil)

Categoria de incerteza

Baixa (0-10) Média (10-20) Alta (<20)

Muito abaixo (1-10)

Abaixo (10-25)

Média (25-75)

Acima (75-90)

Muito acima (90-100)