



CEMADEN

Centro Nacional de Monitoramento e
Alertas de Desastres Naturais

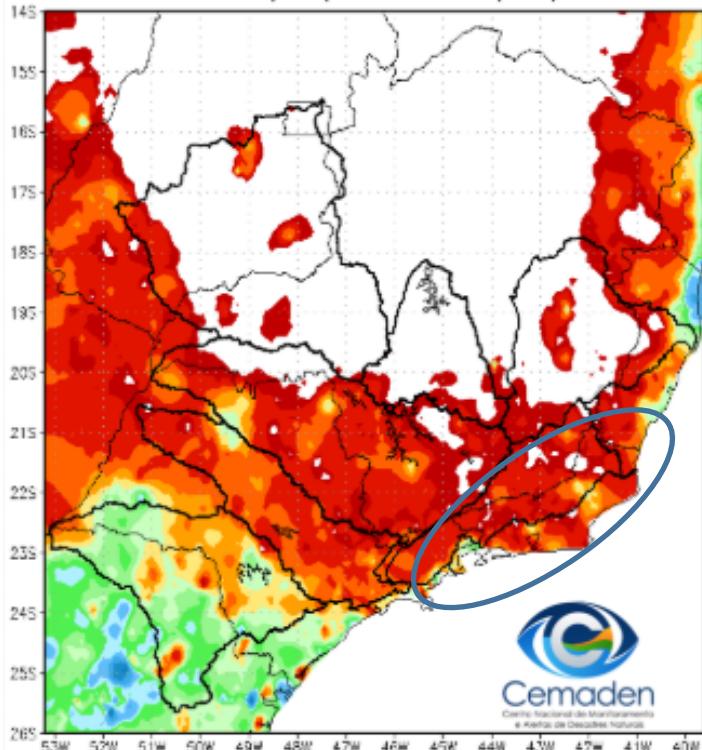
Monitoramento e Previsões
de Chuva para a
Bacia do Rio Paraíba do Sul

10 de junho de 2025

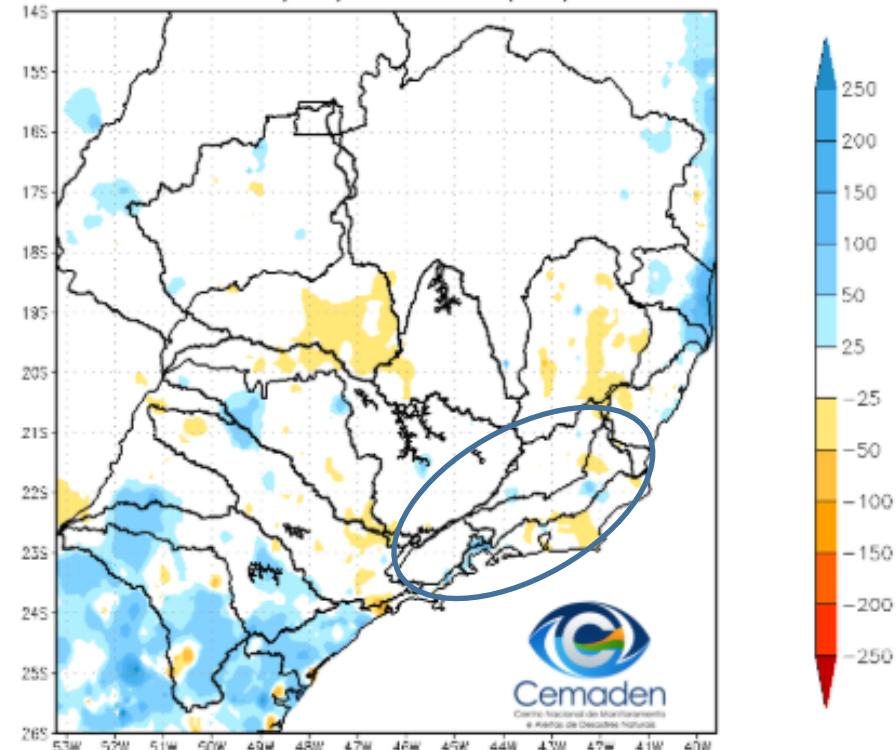


Precipitação acumulada nos últimos 30 dias

Precipitacao Acumulada (mm) A.S.
Período: 10/05/2025 a 09/06/2025

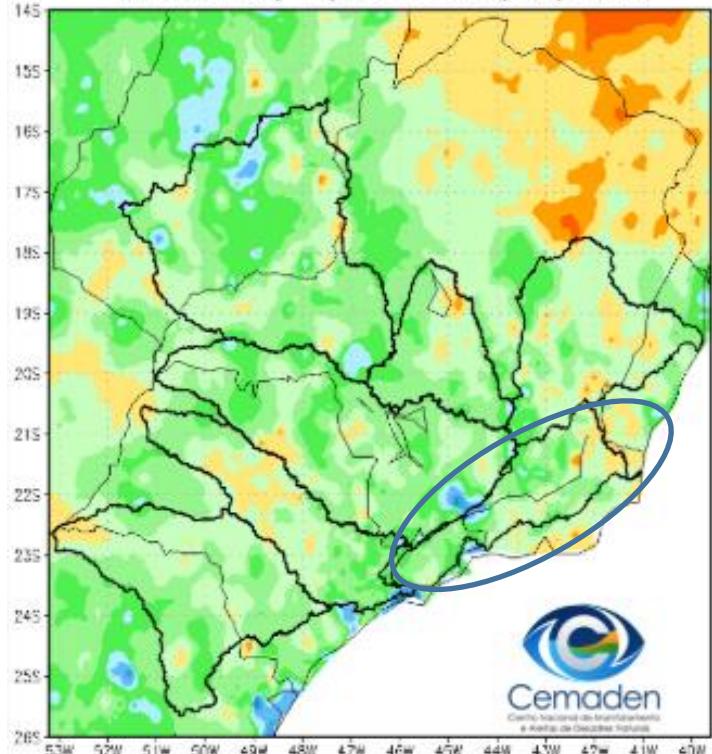


Anomalia de Precipitacao (mm) A.S.
Período: 10/05/2025 a 09/06/2025

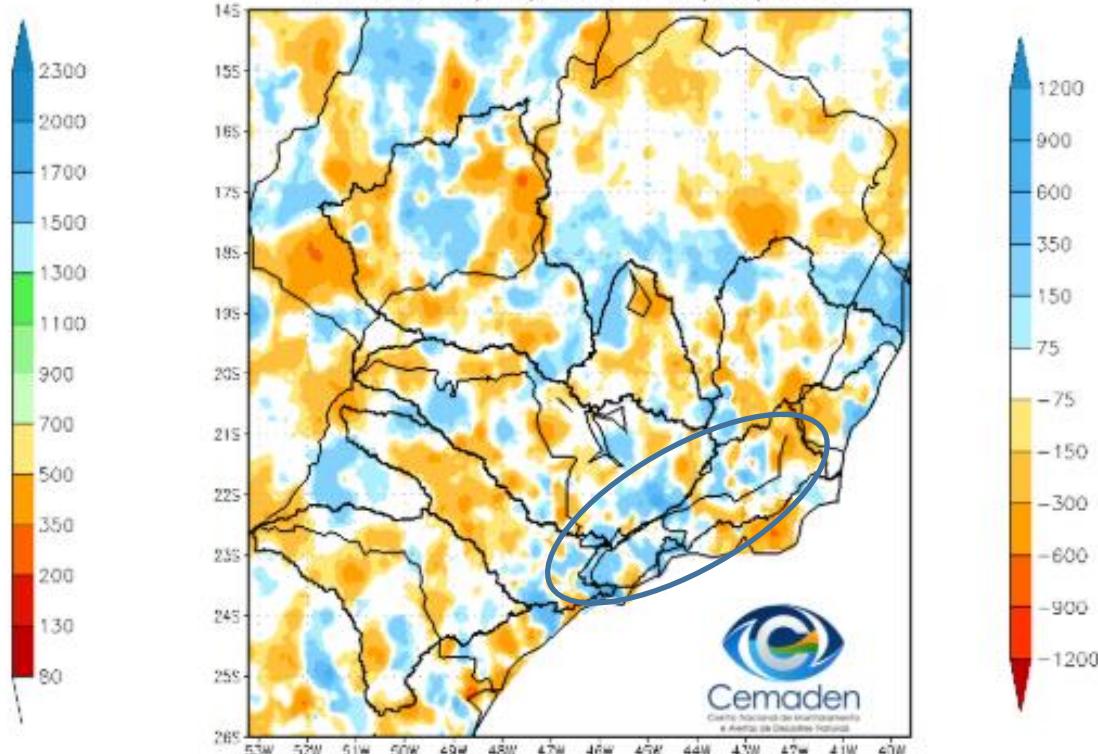


Precipitação acumulada no ano hidrológico

Precipitação Acumulada (mm) A.S.
Período: 01/10/2024 a 09/06/2025

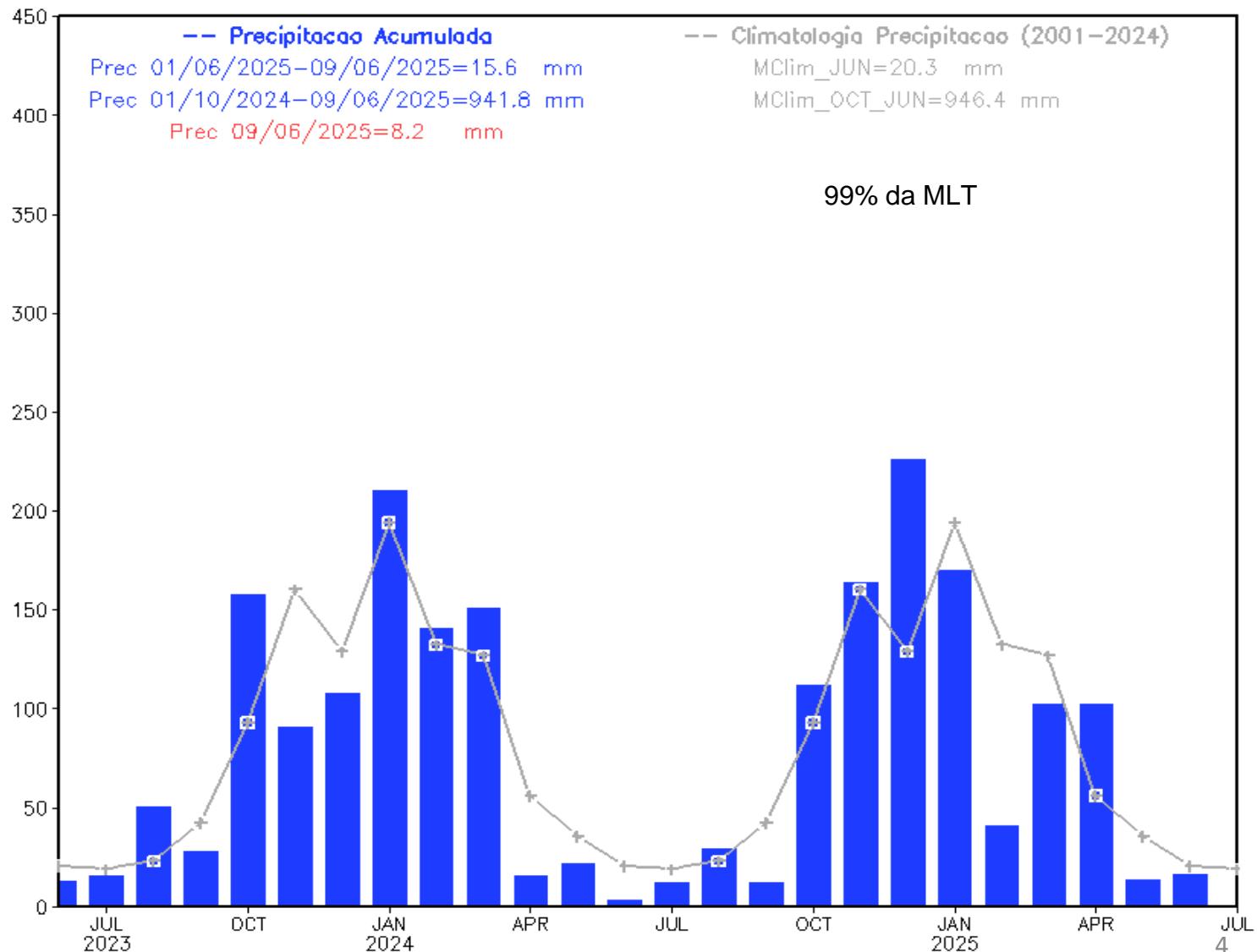


Anomalia de Precipitação (mm) A.S.
Período: 01/10/2024 a 09/06/2025



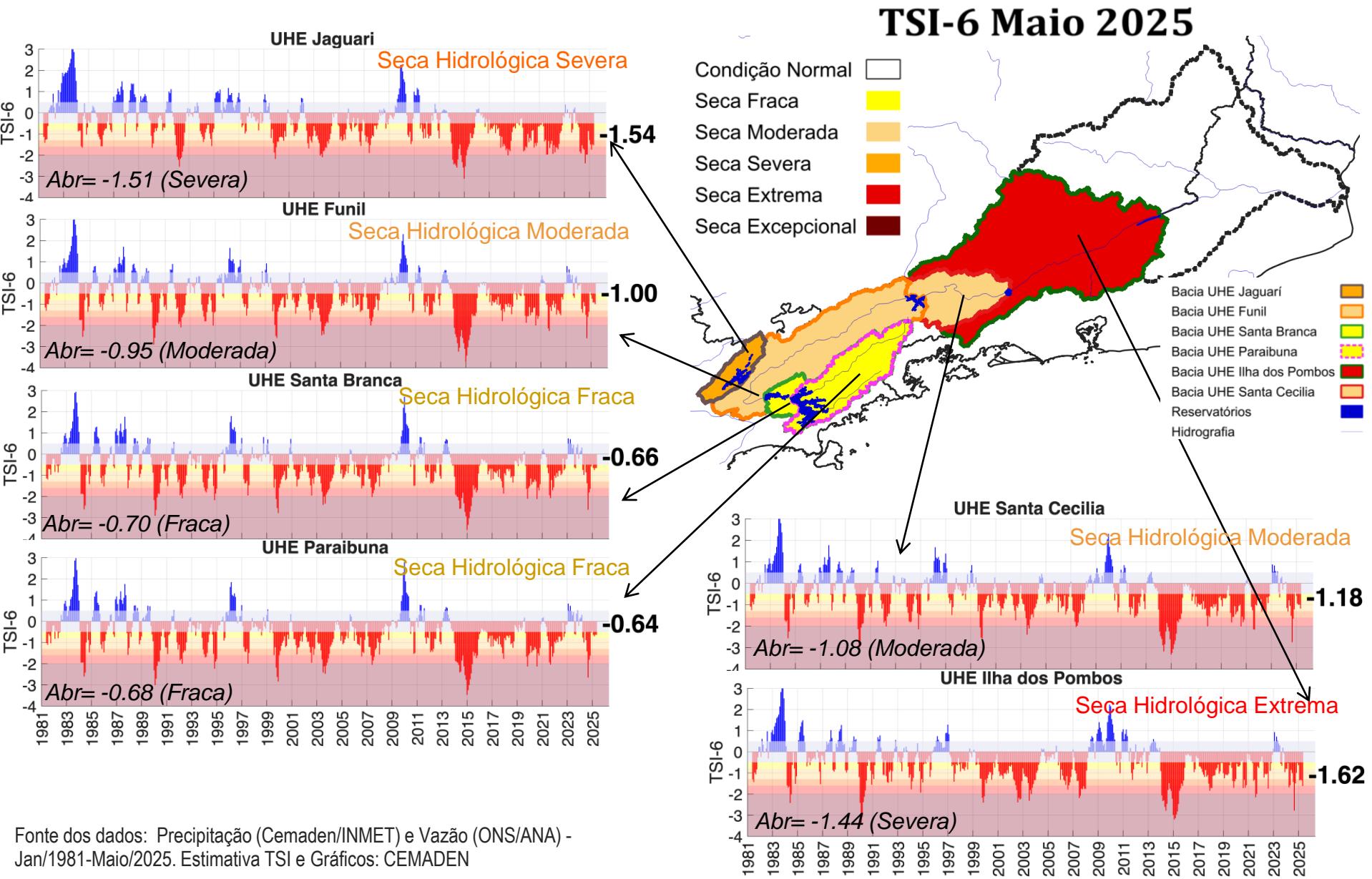
Evolução Temporal da Precipitação

Precipitacao Bacia do Rio Paraiba_Sul desde JUN 2023



Índice de Seca Bivariado (Chuva-Vazão) - TSI

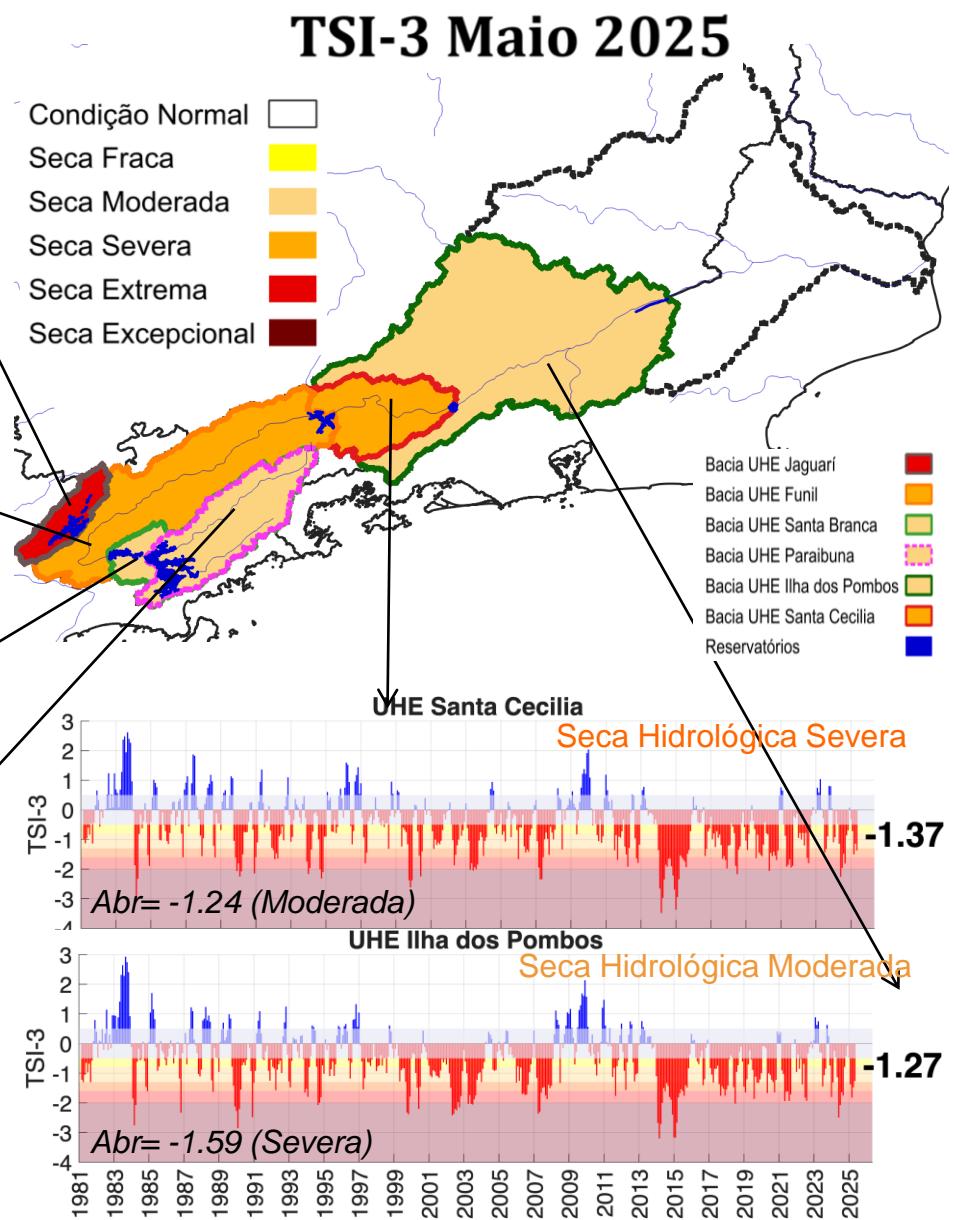
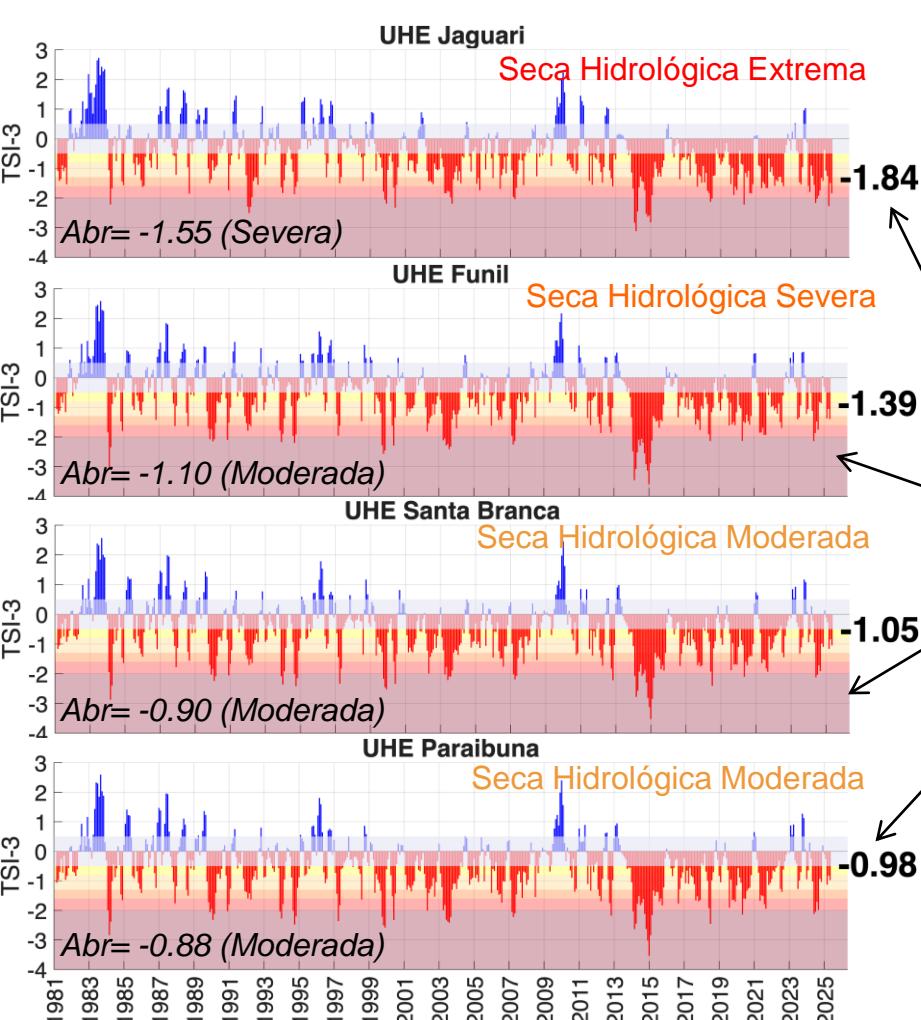
(Two-variate Standardized Index – Escala de 6 meses)



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

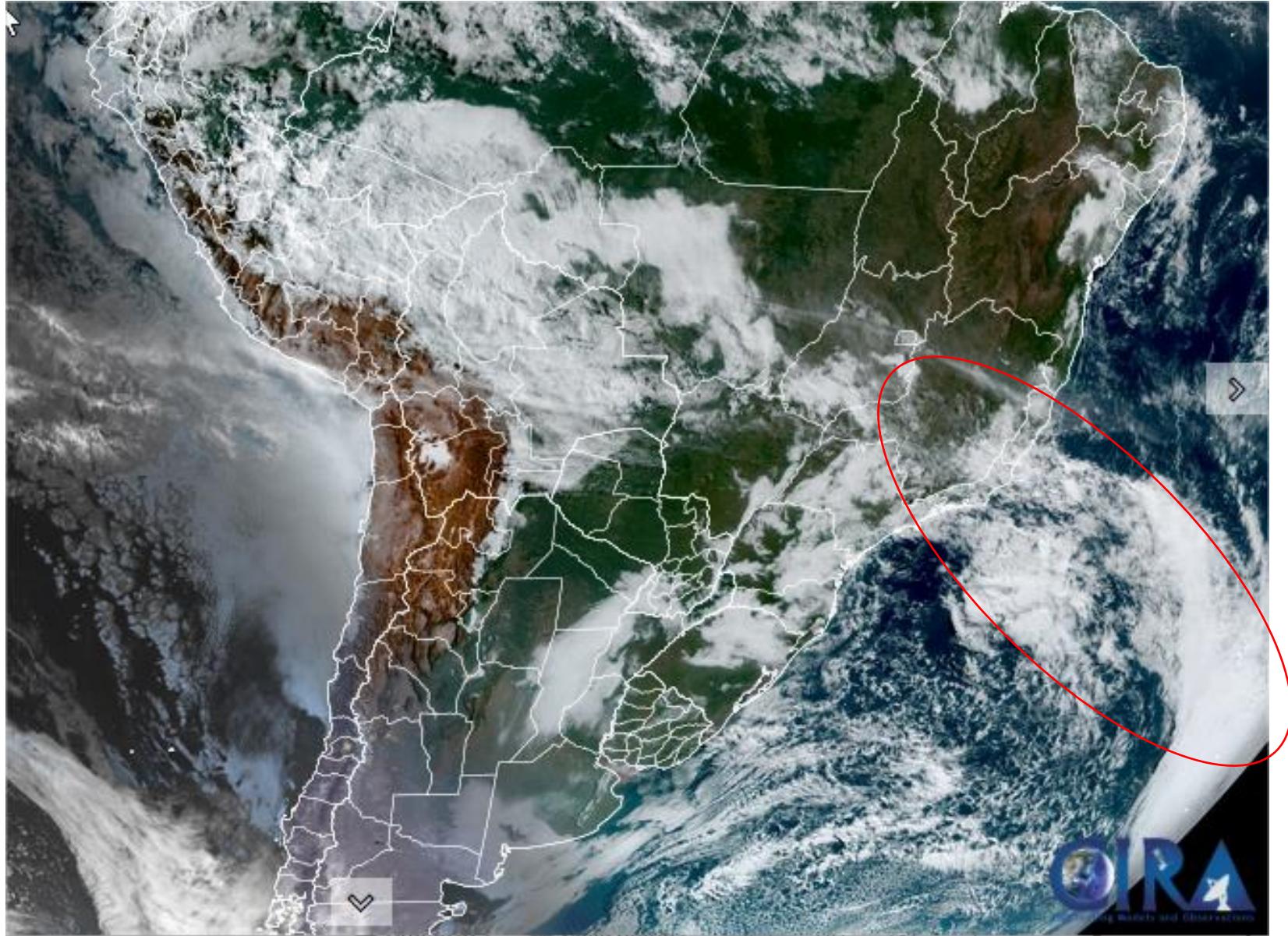
Índice de Seca Bivariado (Chuva-Vazão) - TSI

(Two-variate Standardized Index – Escala de 3 meses)



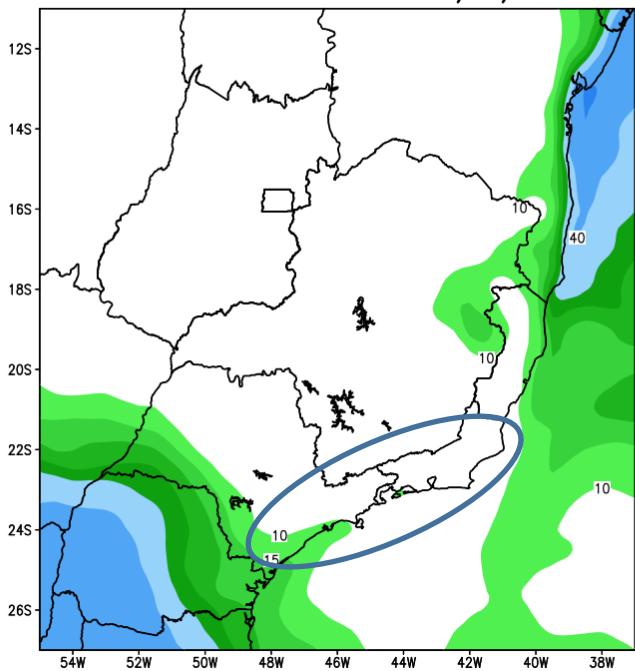
Fonte dos dados: Precipitação (Cemaden/INMET) e Vazão (ONS/ANA) -
Jan/1981-Maio2025. Estimativa TSI e Gráficos: CEMADEN

Situação meteorológica atual

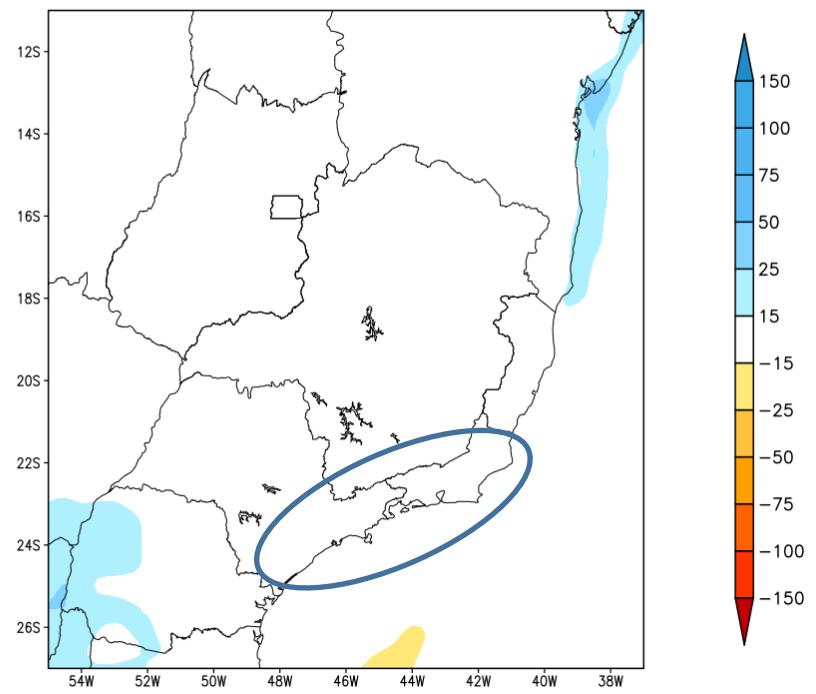


Previsão Primeira Semana

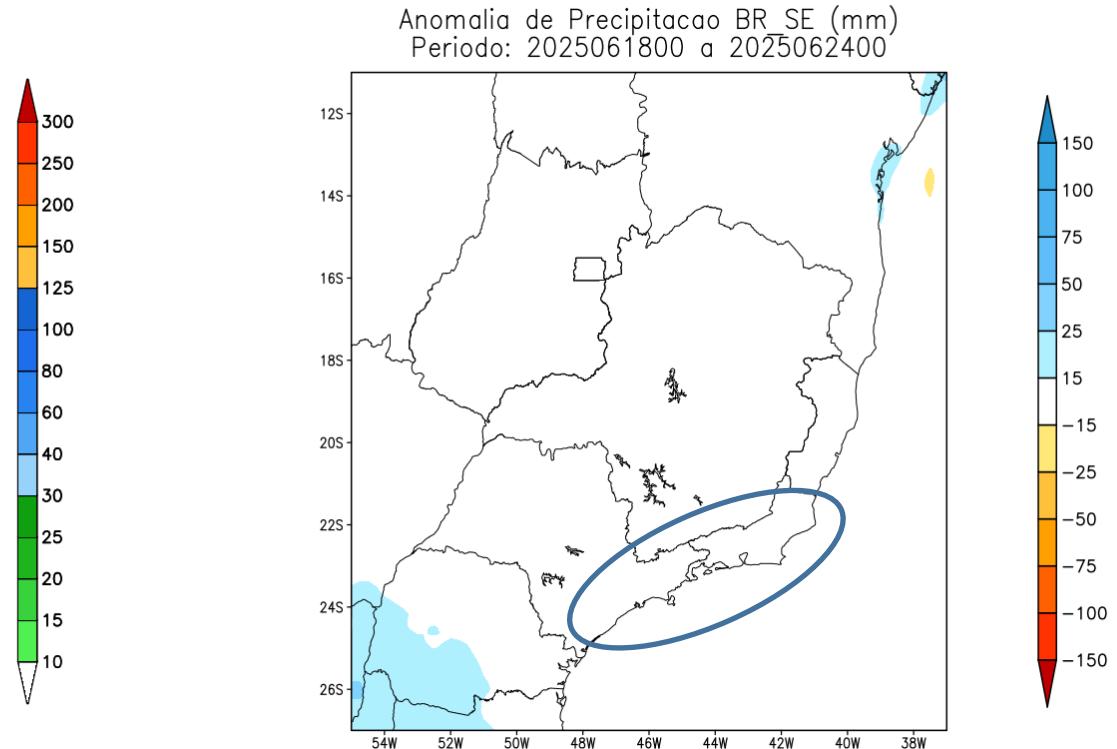
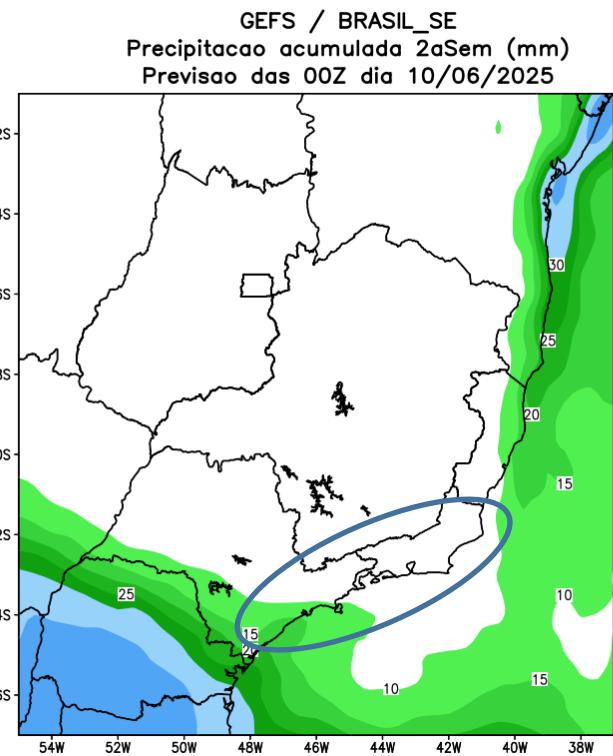
GEFS / BRASIL_SE
Precipitacao acumulada 1aSem (mm)
Previsao das 00Z dia 10/06/2025



Anomalia de Precipitacao BR_SE (mm)
Periodo: 2025061000 a 2025061700



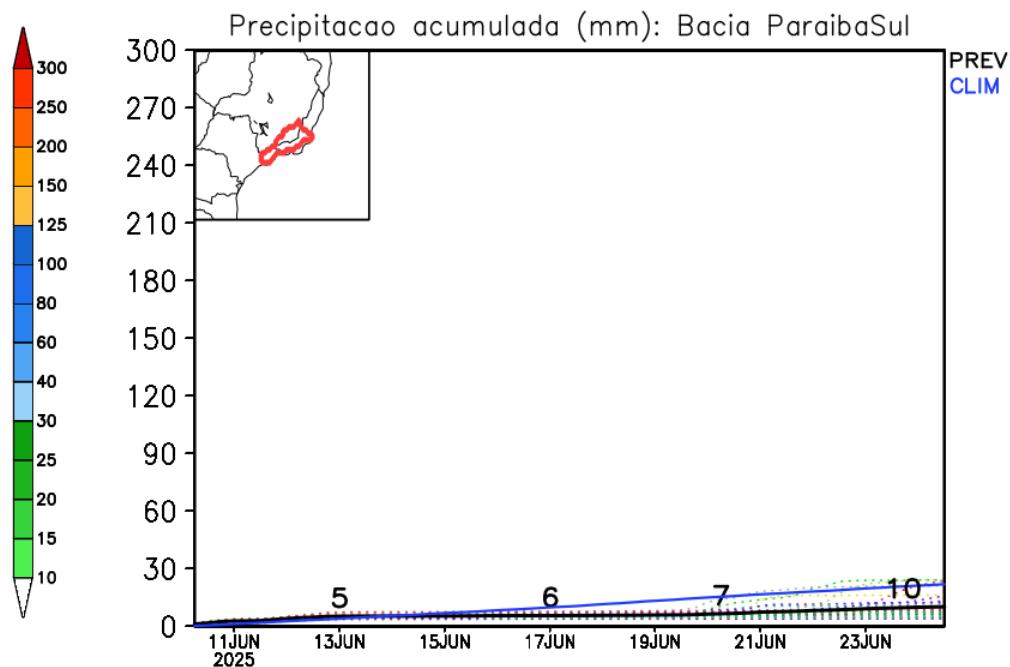
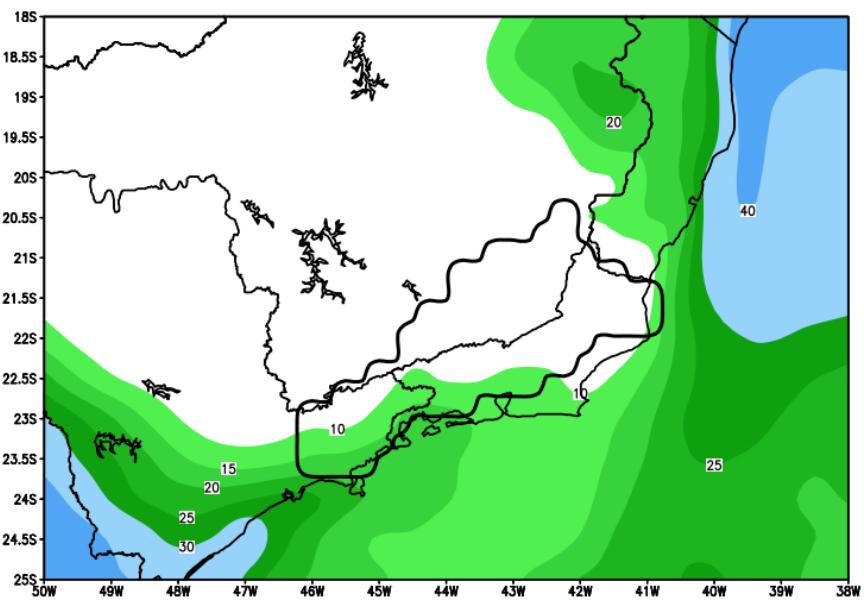
Previsão Segunda Semana



Rio Paraíba do Sul

previsão de chuva em 14 dias

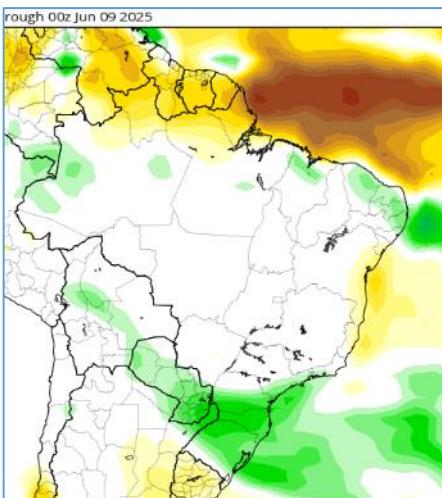
GEFS / Bacia do Rio Paraíba do Sul
Precipitação acumulada em 14 dias (mm)
Previsão das 00Z dia 10/06/2025



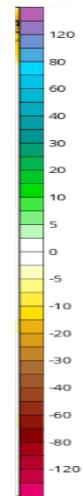
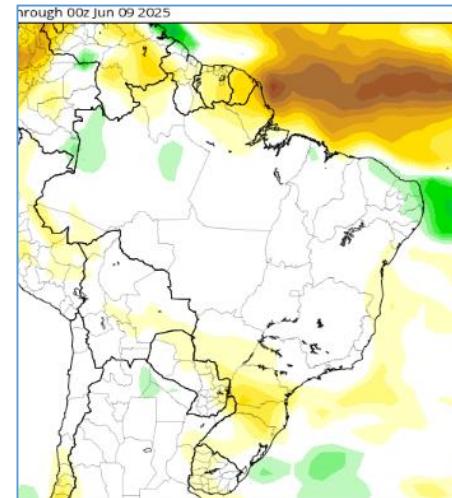
Anomalia de Chuva 3a e 4a semanas

Modelo
Americano
CFS/NOAA

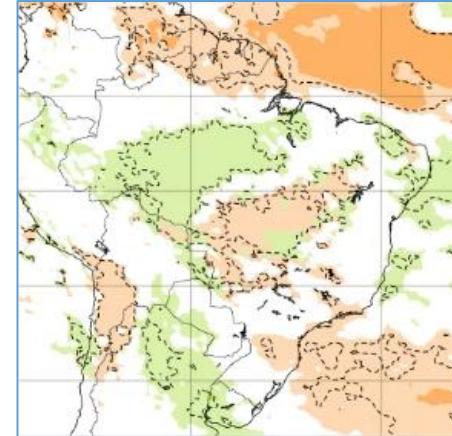
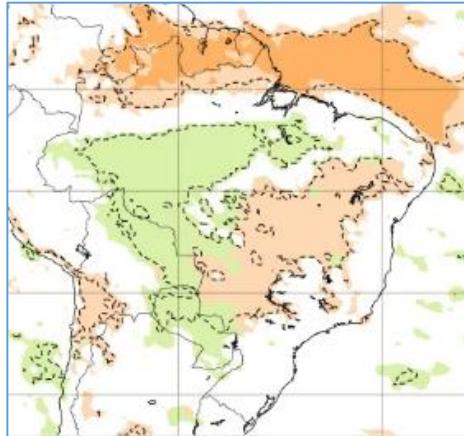
23-30Junho



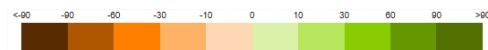
30 Junho – 07 Julho



Modelo Europeu
ECMWF



26 - 01 Junho

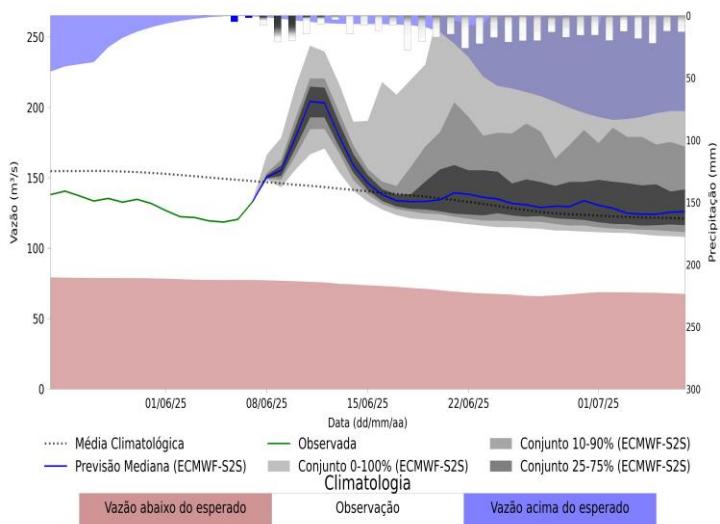


02-08 Junho

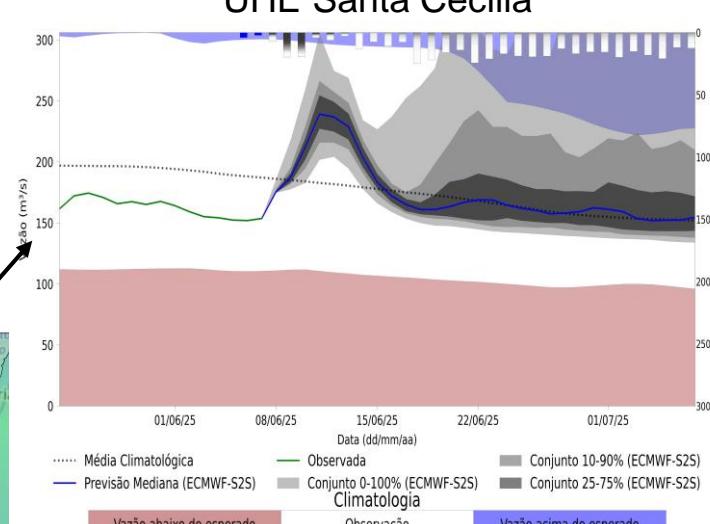
Previsão de vazão natural na Bacia Rio Paraíba do Sul 30 dias (Modelo hidrológico MHD)

Previsão: 07/06/2025 a 07/07/2025

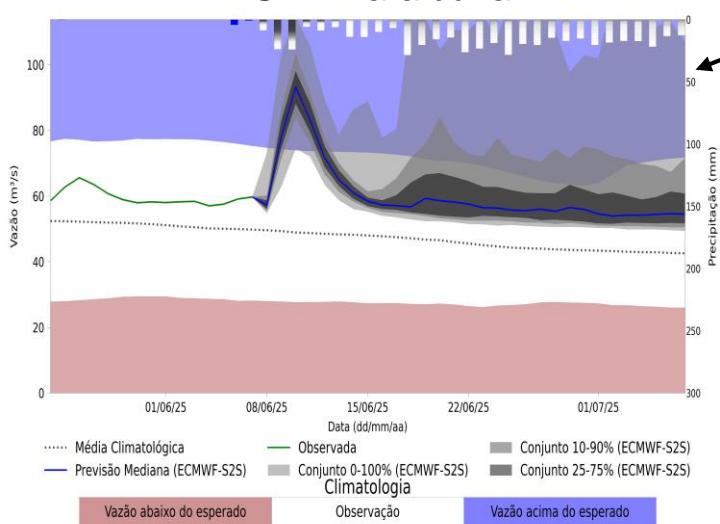
UHE Funil



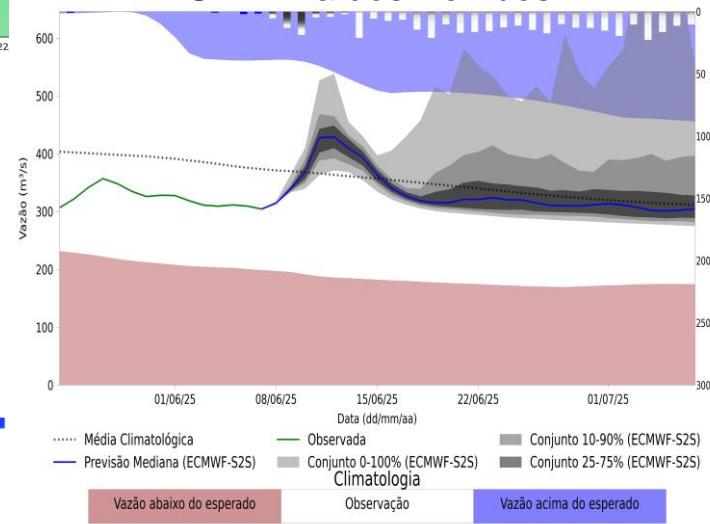
UHE Santa Cecilia



UHE Paraibuna



UHE Ilha dos Pombos



Fonte: Meteorologia
(INMET/MERGE);
Vazão (ANA/ONS)

MLT: 2002-2024

Previsão Meteorológica:
ECMWF-S2S



MINISTÉRIO DA
CIÊNCIA, TECNOLOGIA
E INovação



Índice de Seca Bivariado (Chuva-Vazão) - TSI (Two-variate Standardized Index – Escala de 6 meses)

Previsão Próximos 30 dias

Condição Normal



Seca Fraca



Seca Moderada



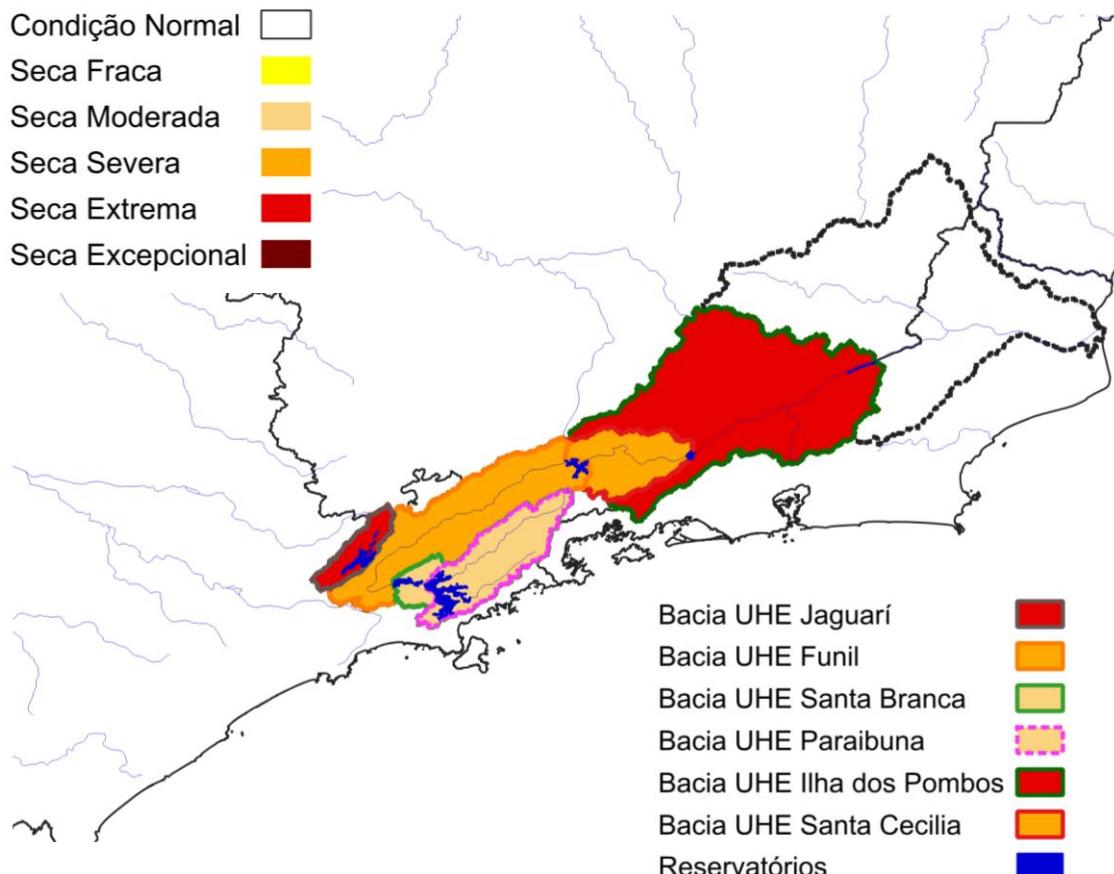
Seca Severa



Seca Extrema



Seca Excepcional



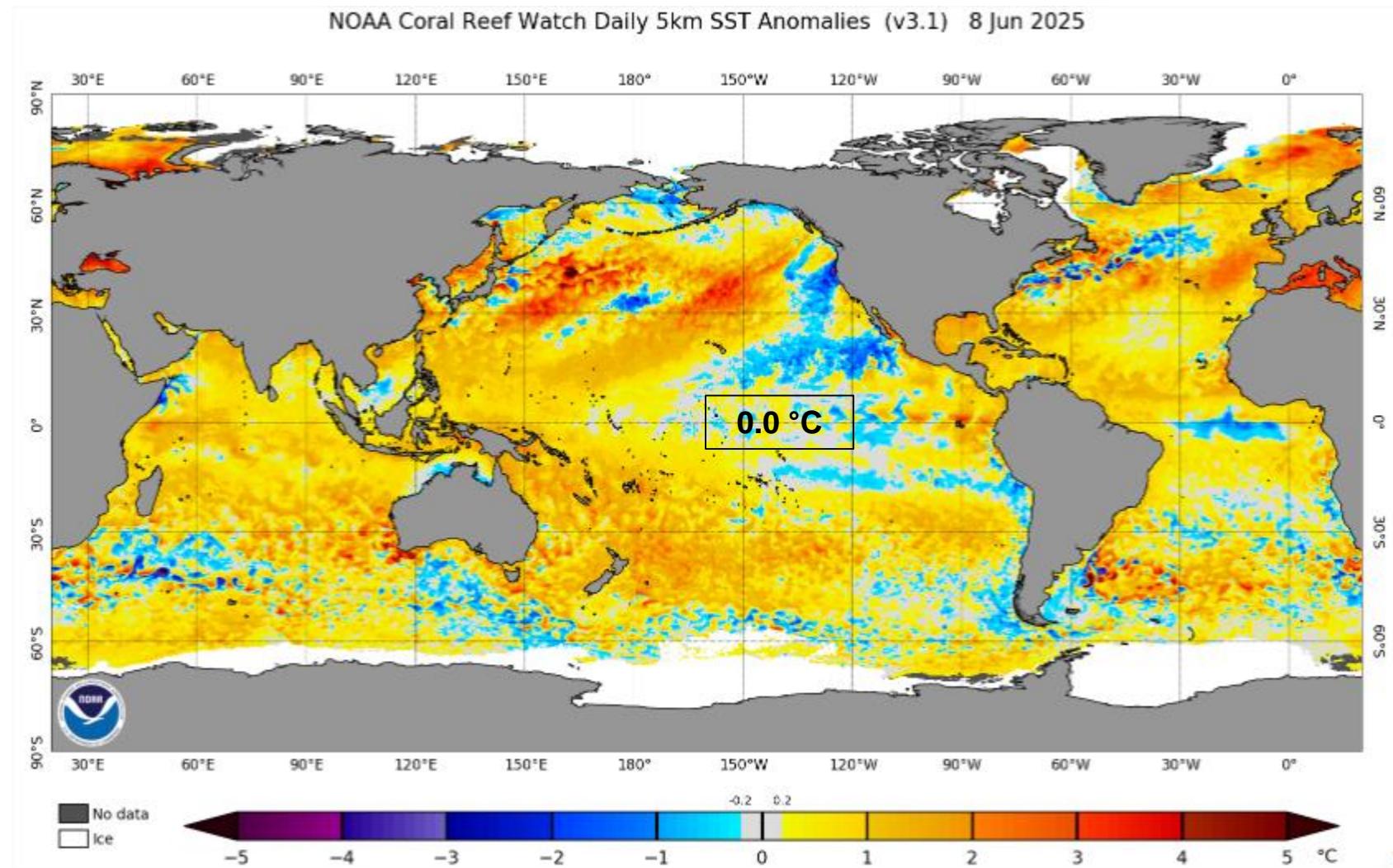
Intensificação da seca:

- Santa Branca (Fraca → Mod.)
- Paraibuna (Fraca → Mod.)
- Santa Cecília (Mod. → Severa)
- Funil (Mod. → Severa)
- Jaguari (Severa → Extrema)

Estabilidade da seca:

- Ilha dos Pombos (Extrema)

Situação Oceânica

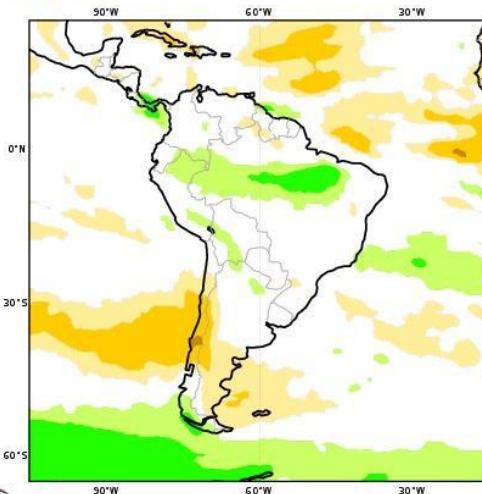


Previsão Sazonal de Chuva Multi-Modelo

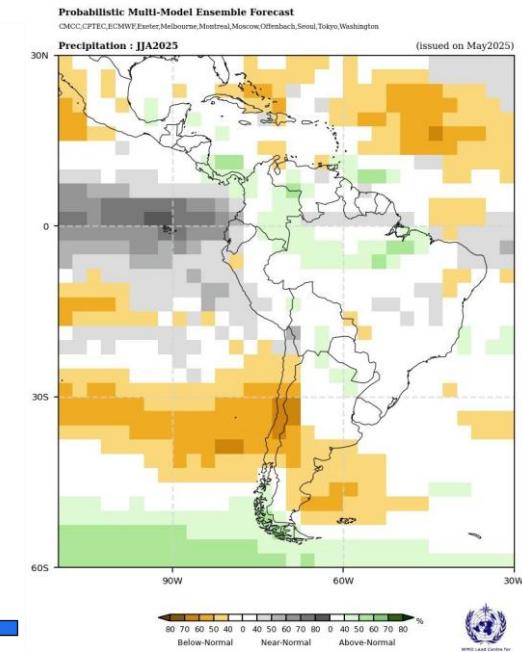
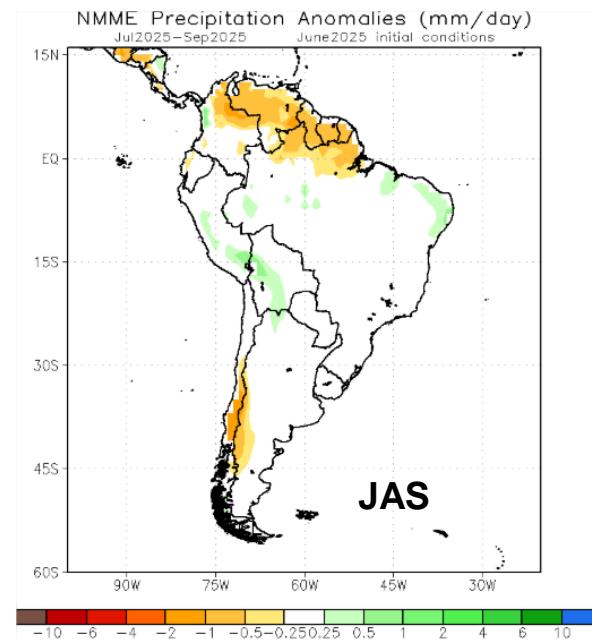
Junho-Julho-Agosto

C3S multi-system seasonal forecast
Prob(most likely category of precipitation)

Nominal forecast start: 01/05/25
Unweighted mean



Modelos Europeus



Modelos Norte Americanos

Modelos da WMO