



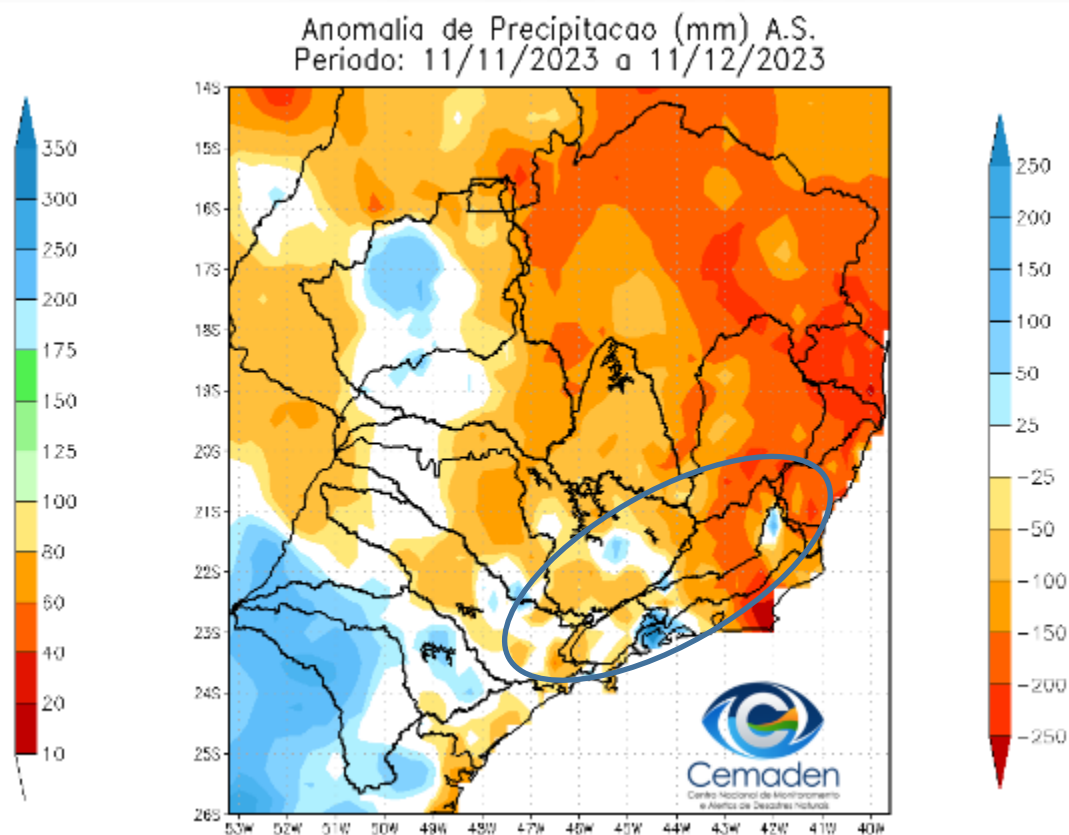
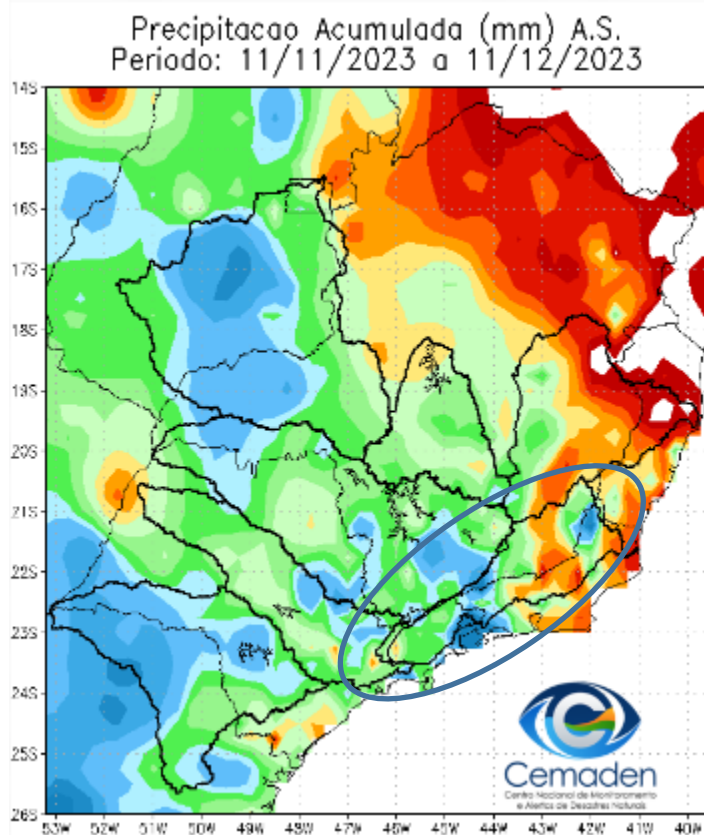
CEMADEN

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

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

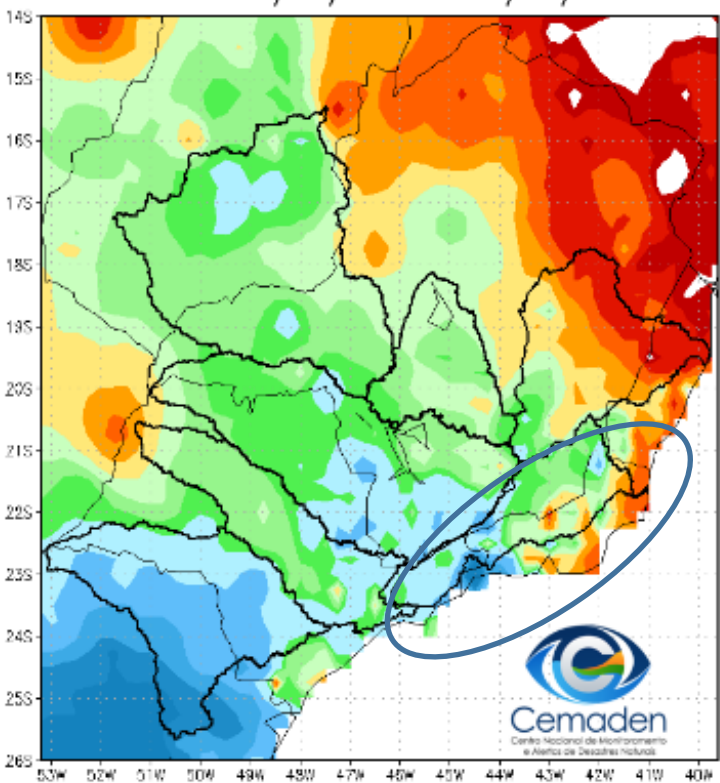
12 de dezembro de 2023

Precipitação acumulada nos últimos 30 dias

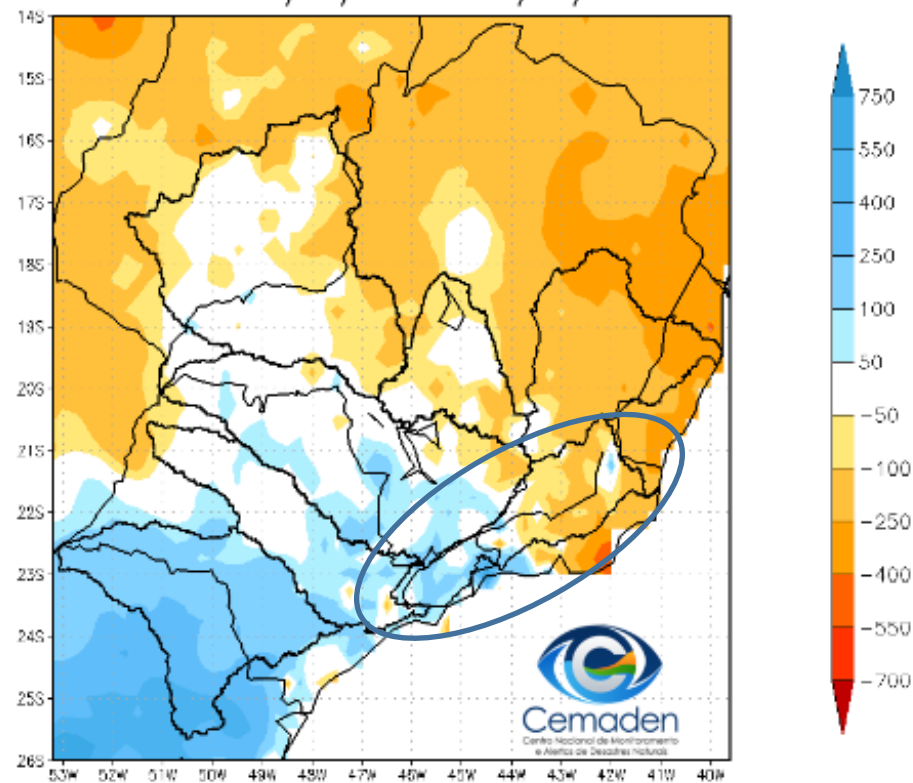


Precipitação acumulada no ano hidrológico

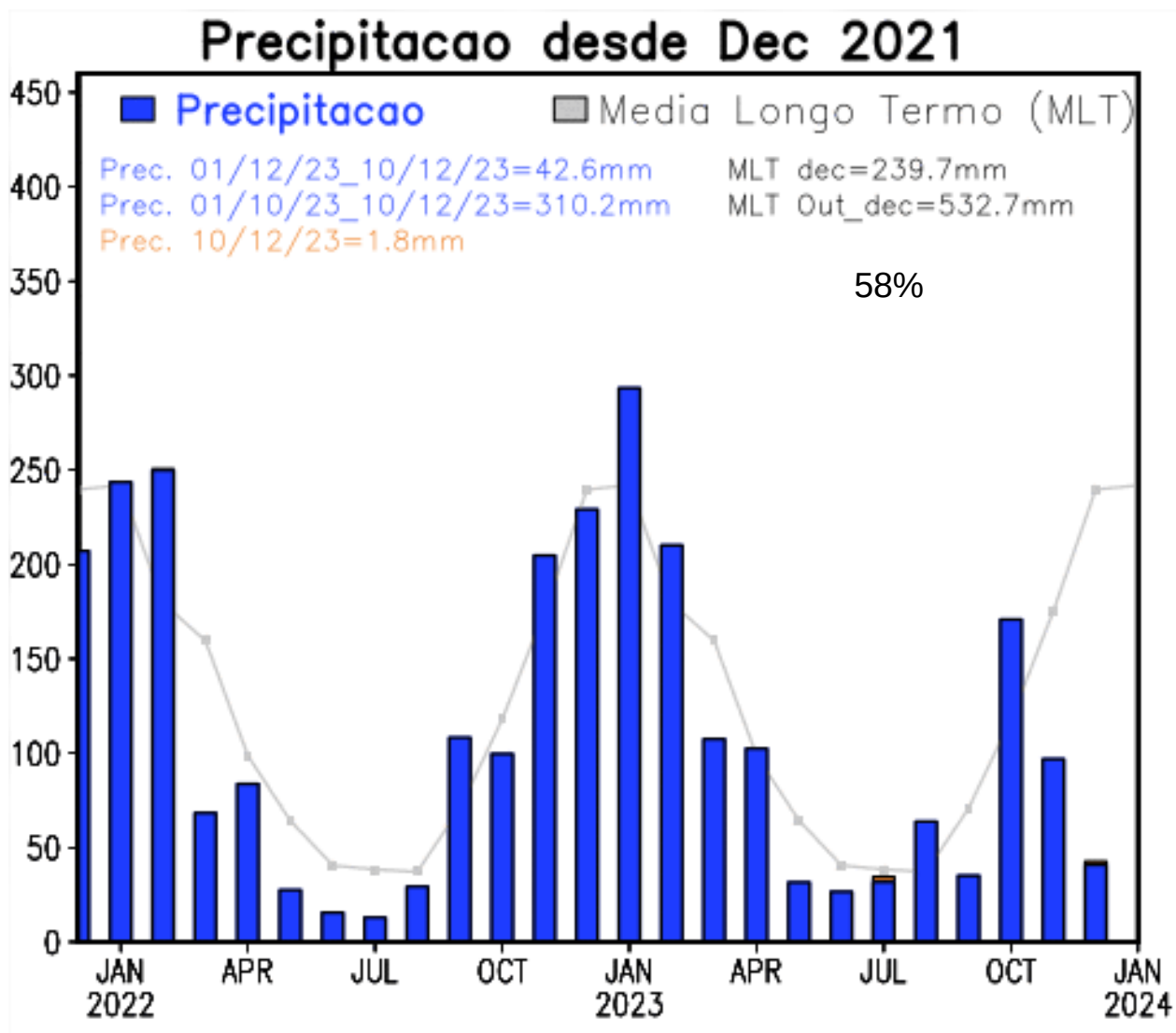
Precipitação Acumulada (mm) A.S.
Período: 01/10/2023 a 11/12/2023



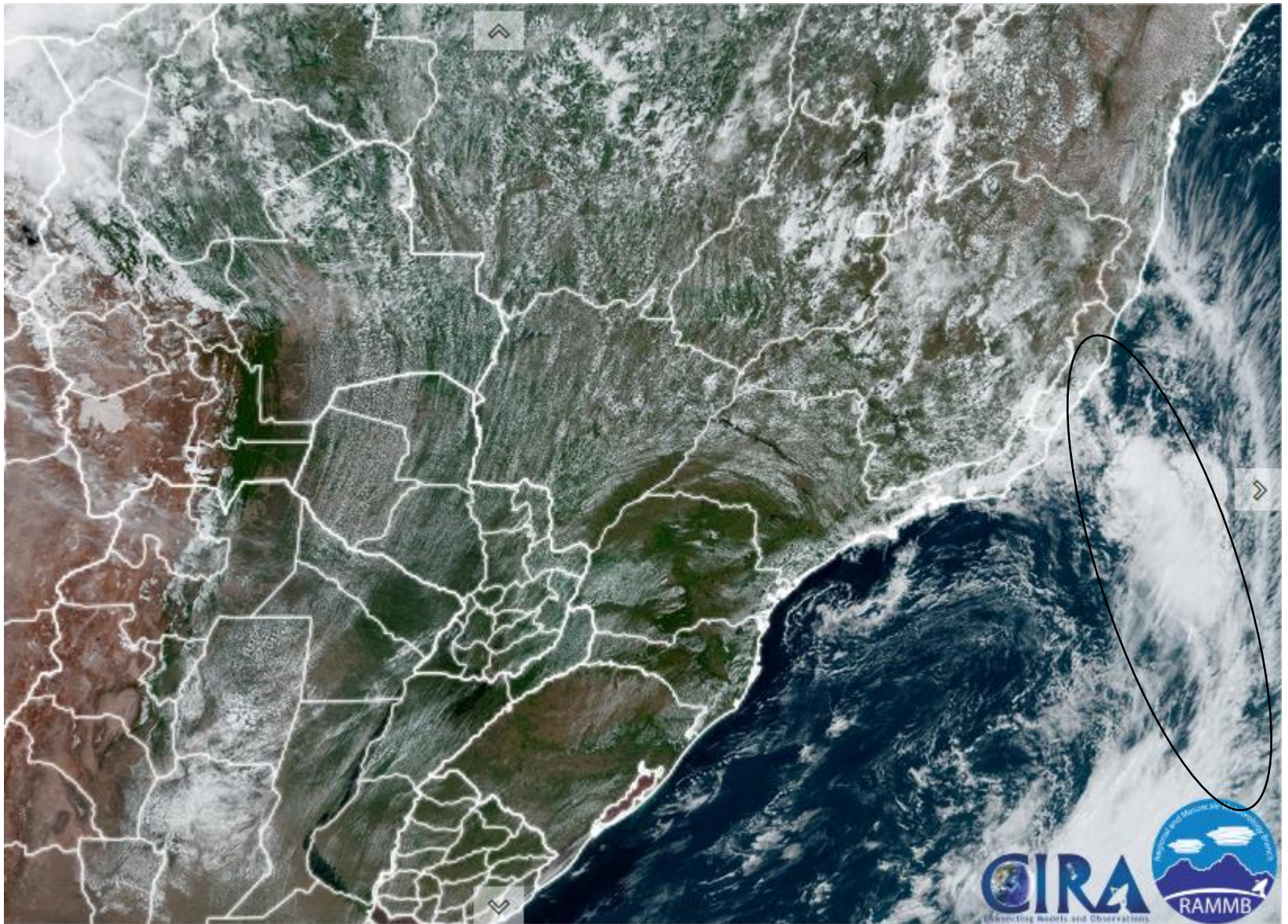
Anomalia de Precipitação (mm) A.S.
Período: 01/10/2023 a 11/12/2023



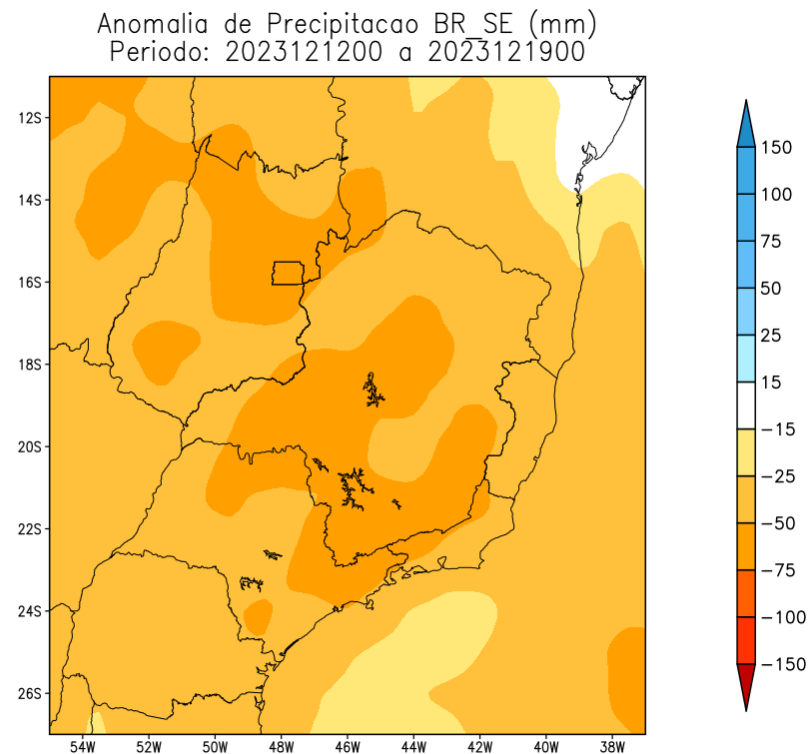
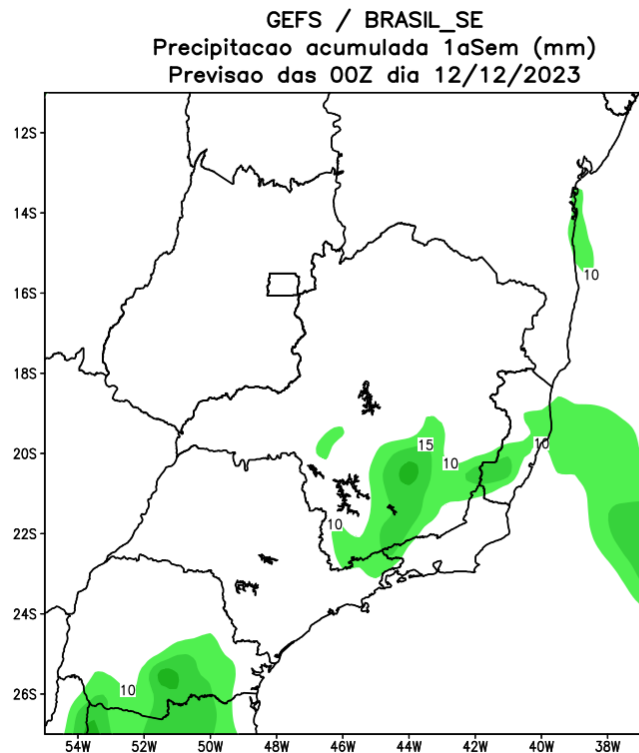
Precipitação nos últimos 2 anos



Situação meteorológica atual

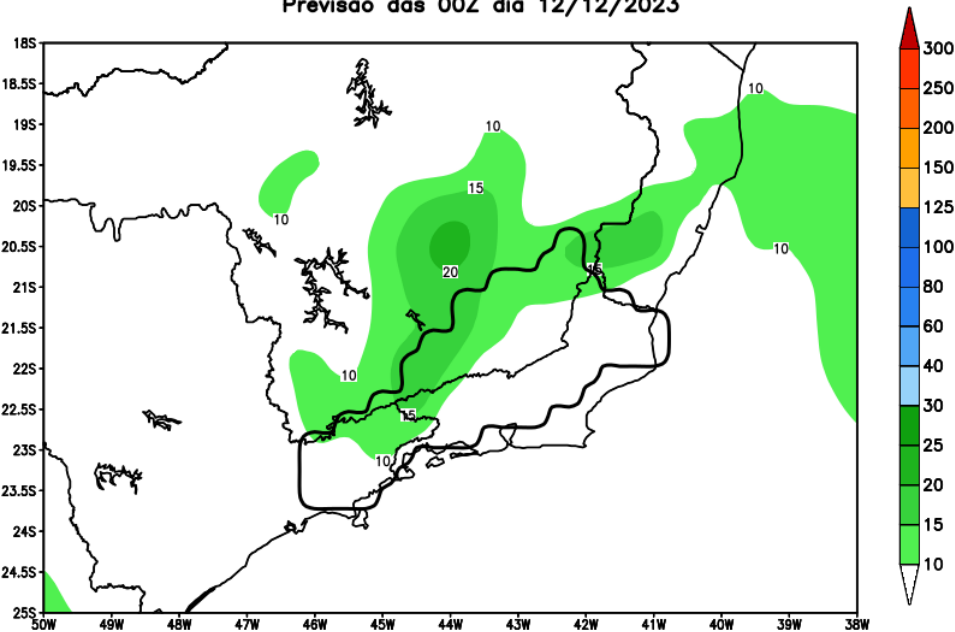


Previsão de chuva para os próximos 7 dias

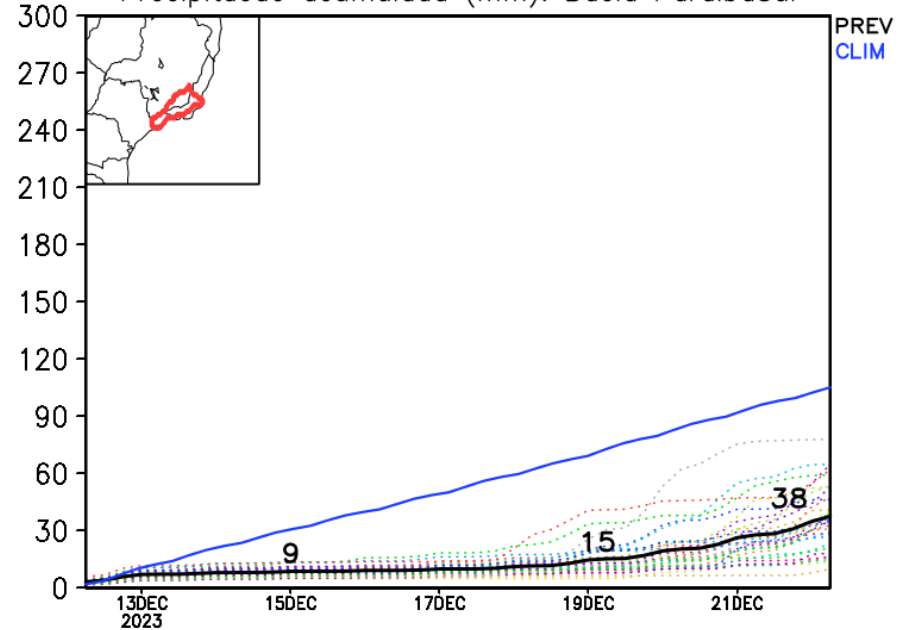


Rio Paraíba do Sul

GEFS / Bacia do Rio Paraíba do Sul
Precipitação acumulada em 7 dias (mm)
Previsão das 00Z dia 12/12/2023



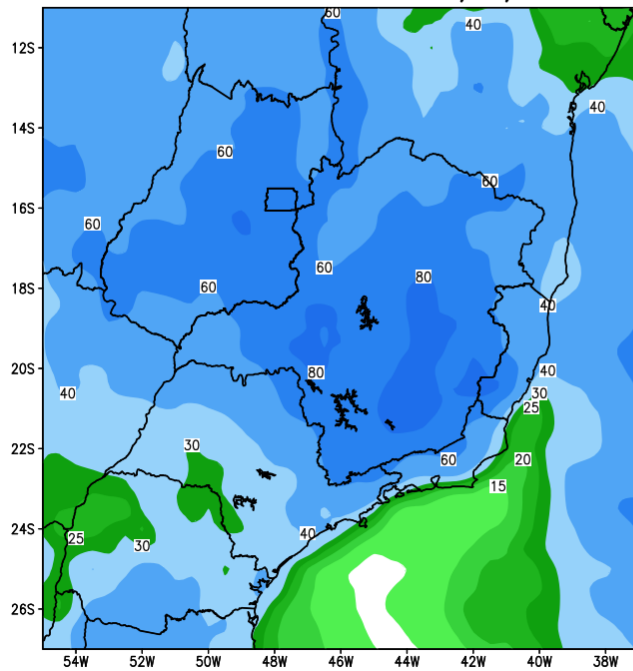
Precipitação acumulada (mm): Bacia ParaíbaSul



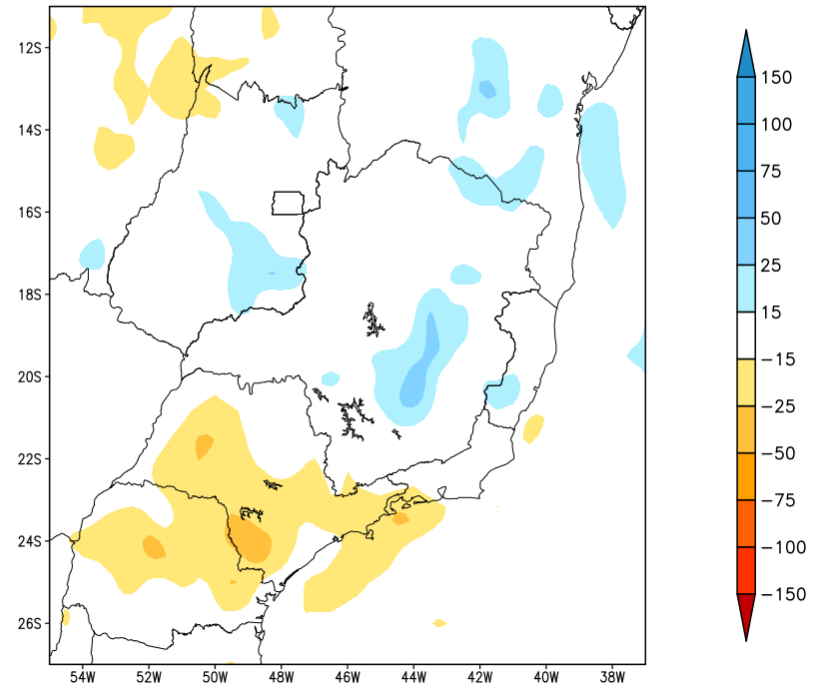
Modelo GFS/NOAA

Tendência para a 2a semana

GEFS / BRASIL_SE
Precipitacao acumulada 2aSem (mm)
Previsao das 00Z dia 12/12/2023

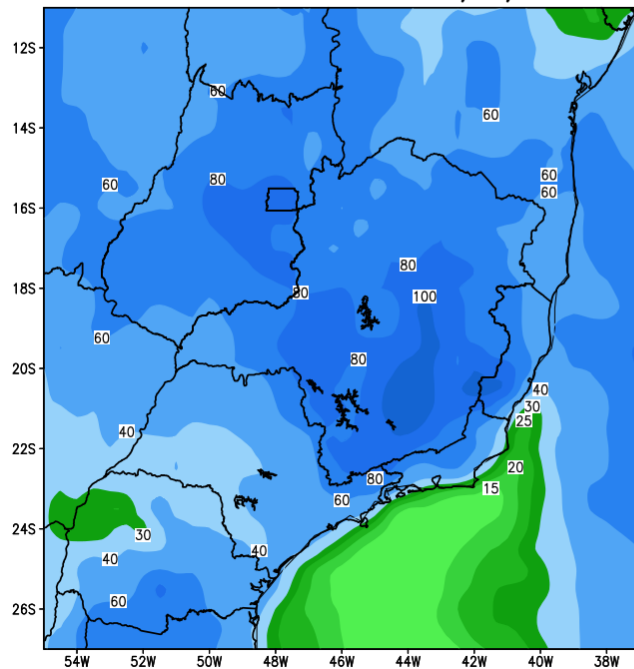


Anomalia de Precipitacao BR_SE (mm)
Periodo: 2023122000 a 2023122600

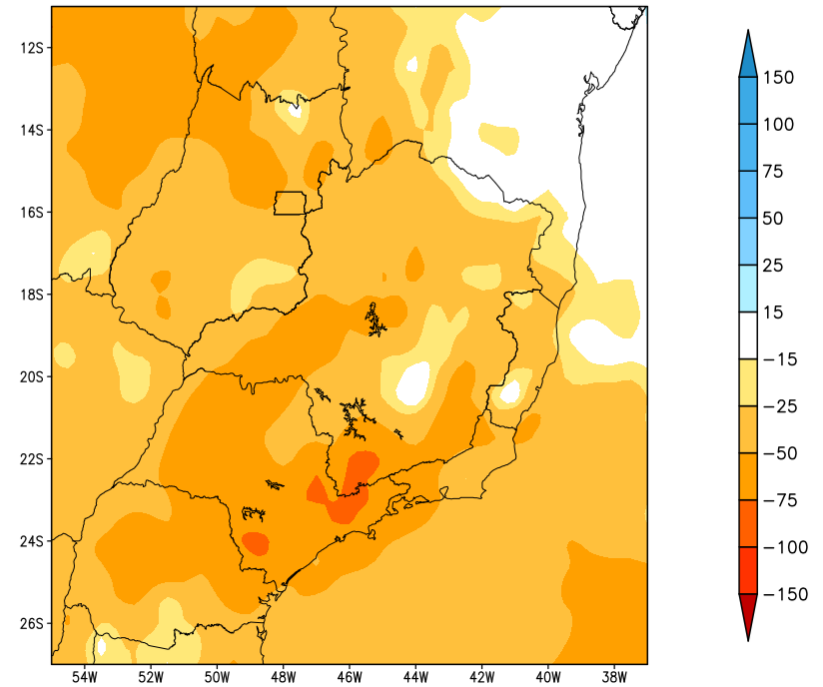


Tendência para as próximas duas semanas

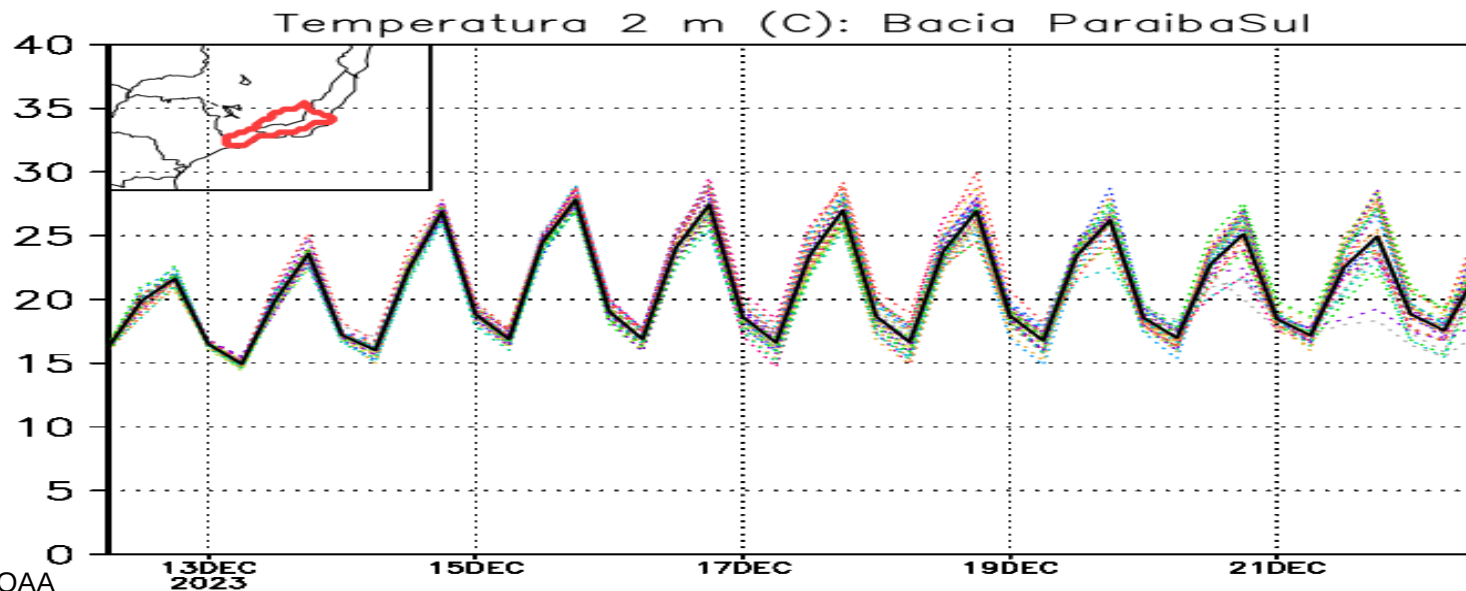
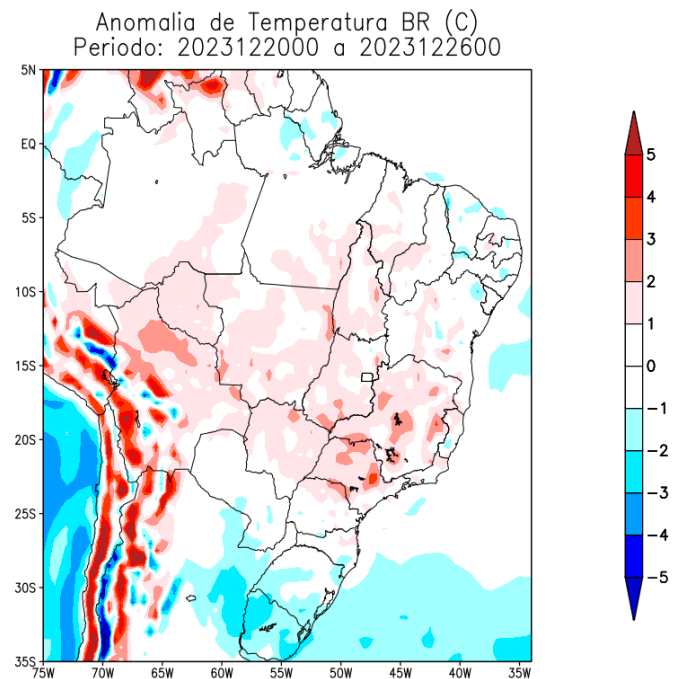
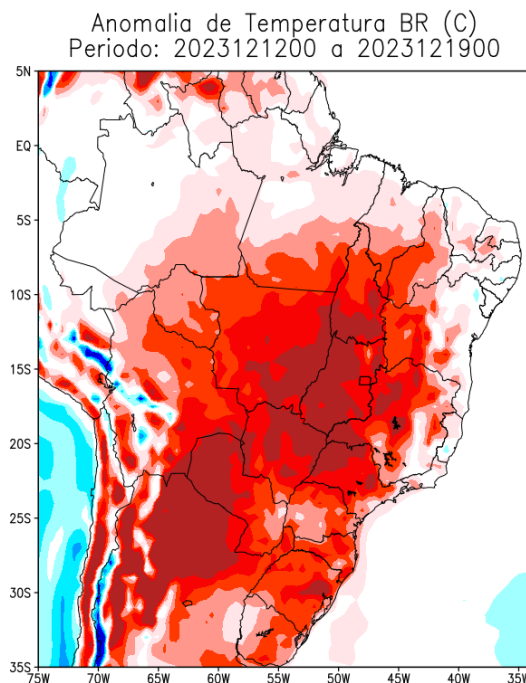
GEFS / BRASIL_SE
Precipitacao acumulada 14dias (mm)
Previsao das 00Z dia 12/12/2023



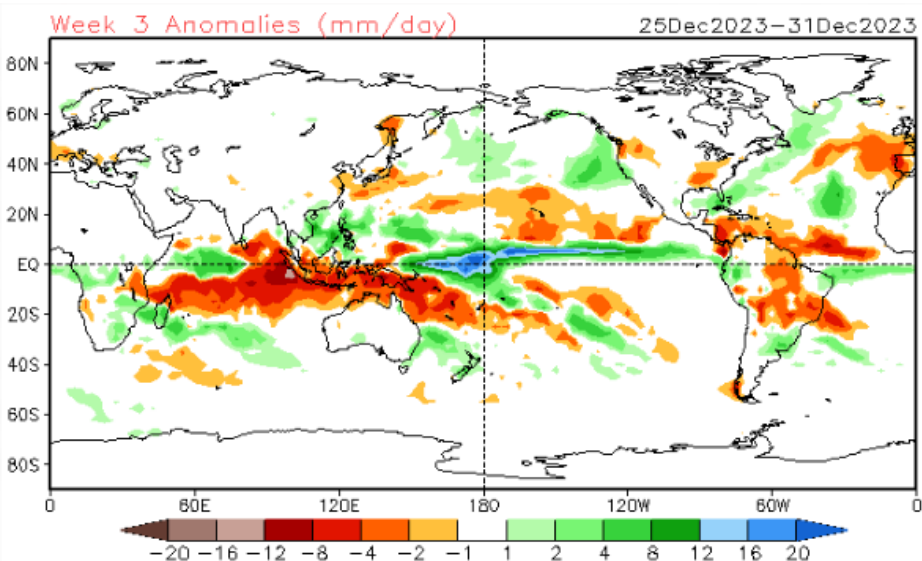
Anomalia de Precipitacao BR_SE (mm)
Periodo: 2023121200 a 2023122600



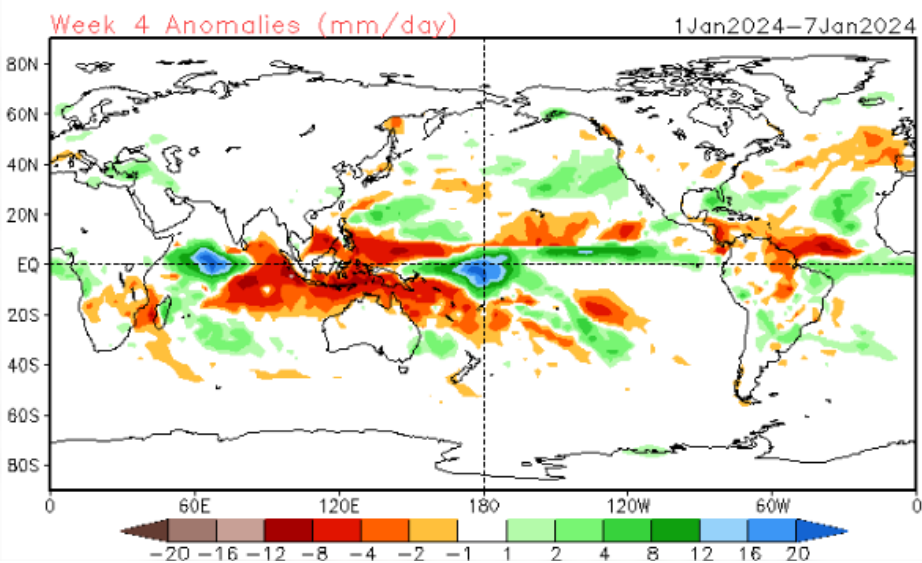
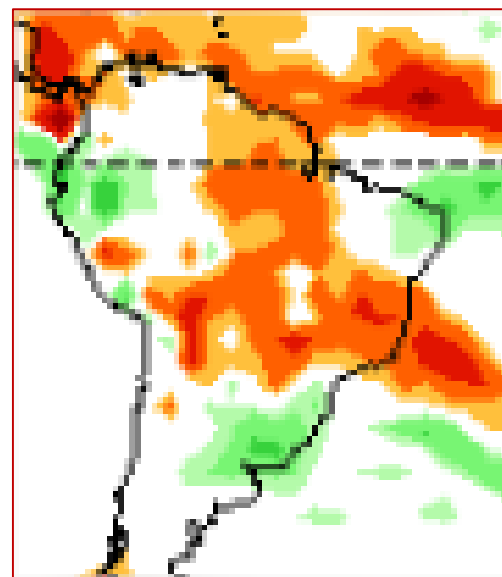
Previsão de Temperatura para as próximas duas semanas



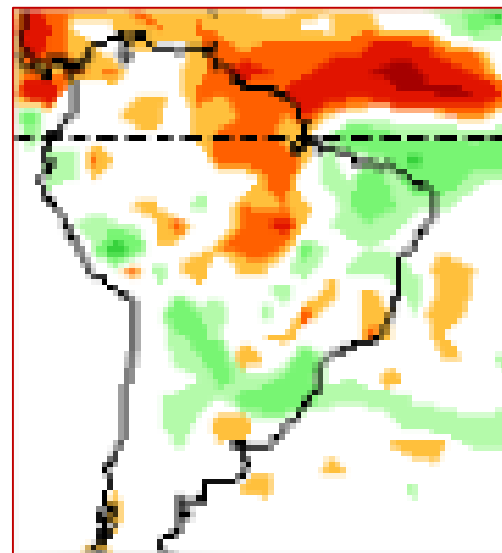
Tendência 3a e 4a semanas



25-31/12

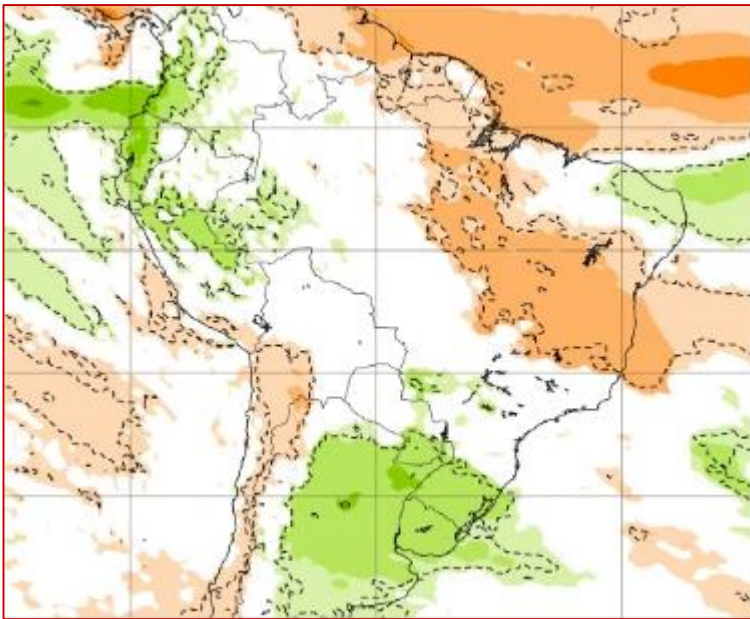


01-07/01

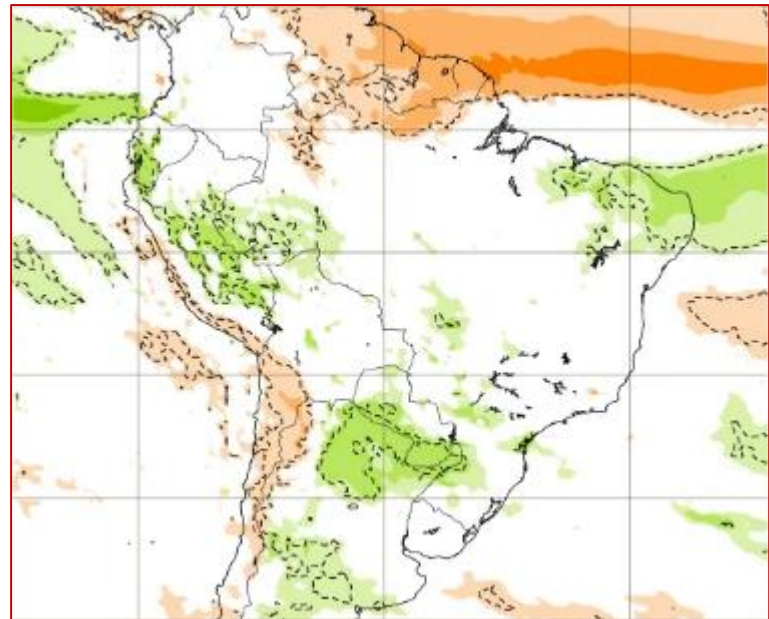


Tendência para 3ª e 4ª semanas

25-31/12

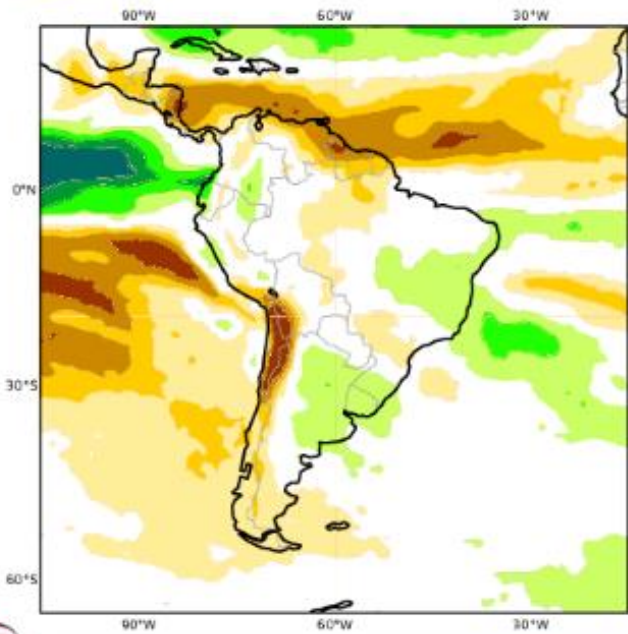


04-11/12

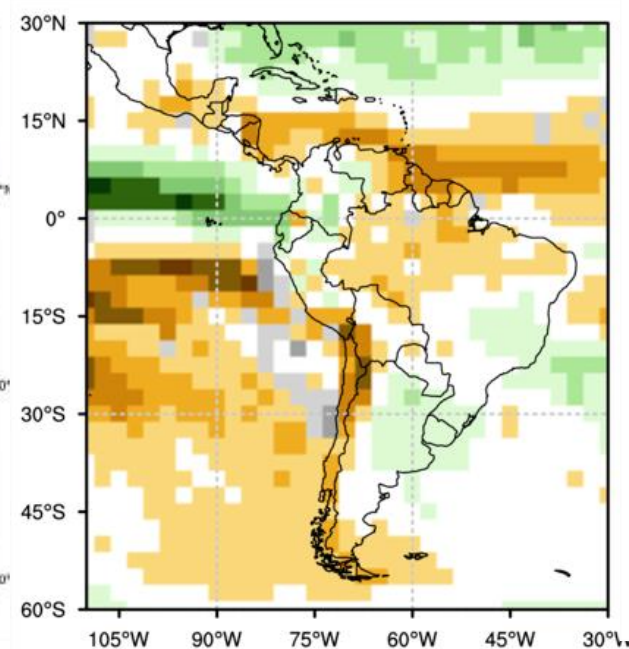


Previsão Sazonal de Chuva Multi-Modelo para JFM

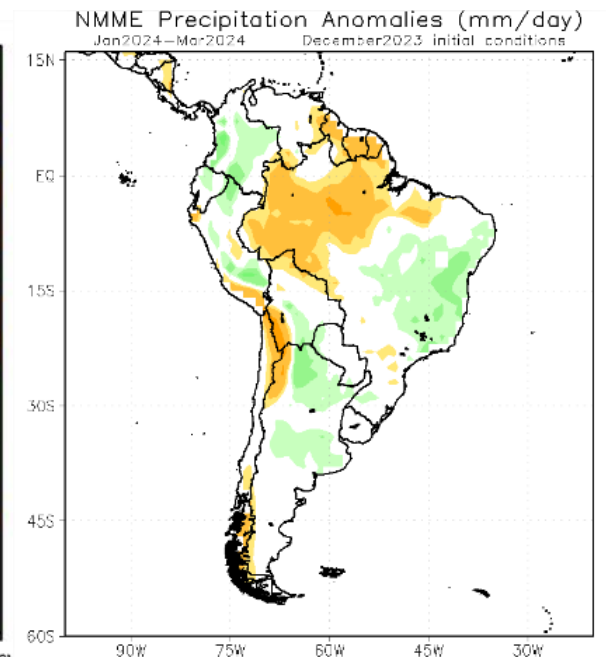
C3S multi-system seasonal forecast
Prob(most likely category of precipitation)
Nominal forecast start: 01/12/23
Unweighted mean



Modelos Europeus



Modelos da Organização
Meteorológica Mundial



Modelos Americanos

Verificação da Previsão Sazonal de Chuva

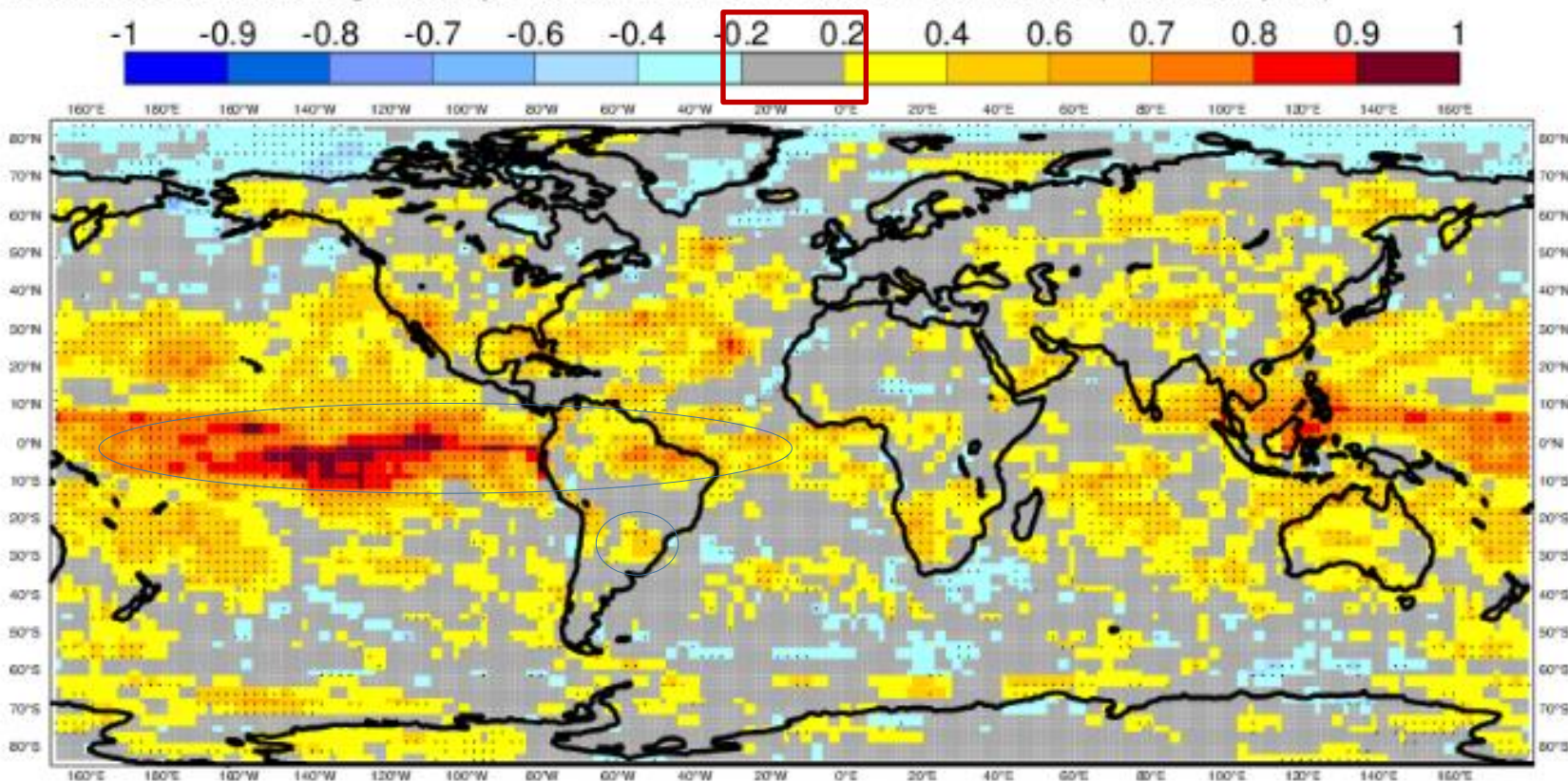
Anomaly Correlation Coefficient for 0001

with 25 ensemble members

Precipitation

Hindcast period 1981-2014 with start in December average over months 3 to 5

Black dots for values significantly different from zero with 95% confidence (1000 samples)



Modelo ECMWF