



CEMADEN

Centro Nacional de Monitoramento e
Alertas de Desastres Naturais

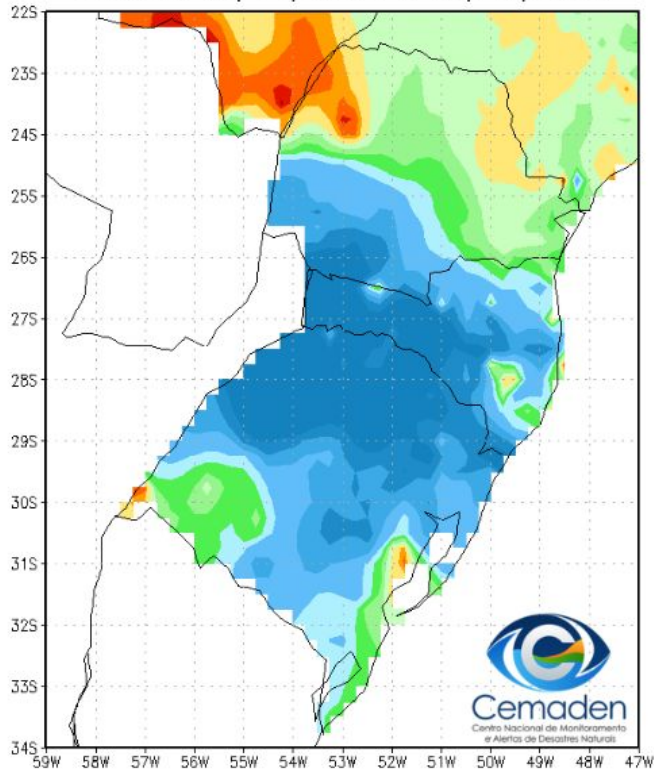
Sala de Crise da Região Sul

Novembro de 2023

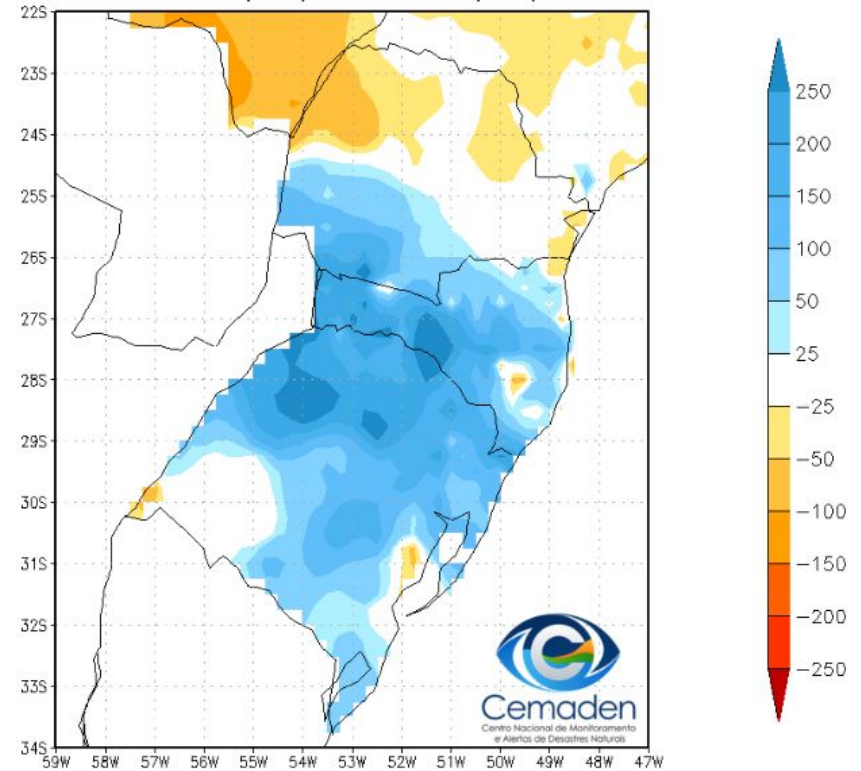


Precipitação em Novembro

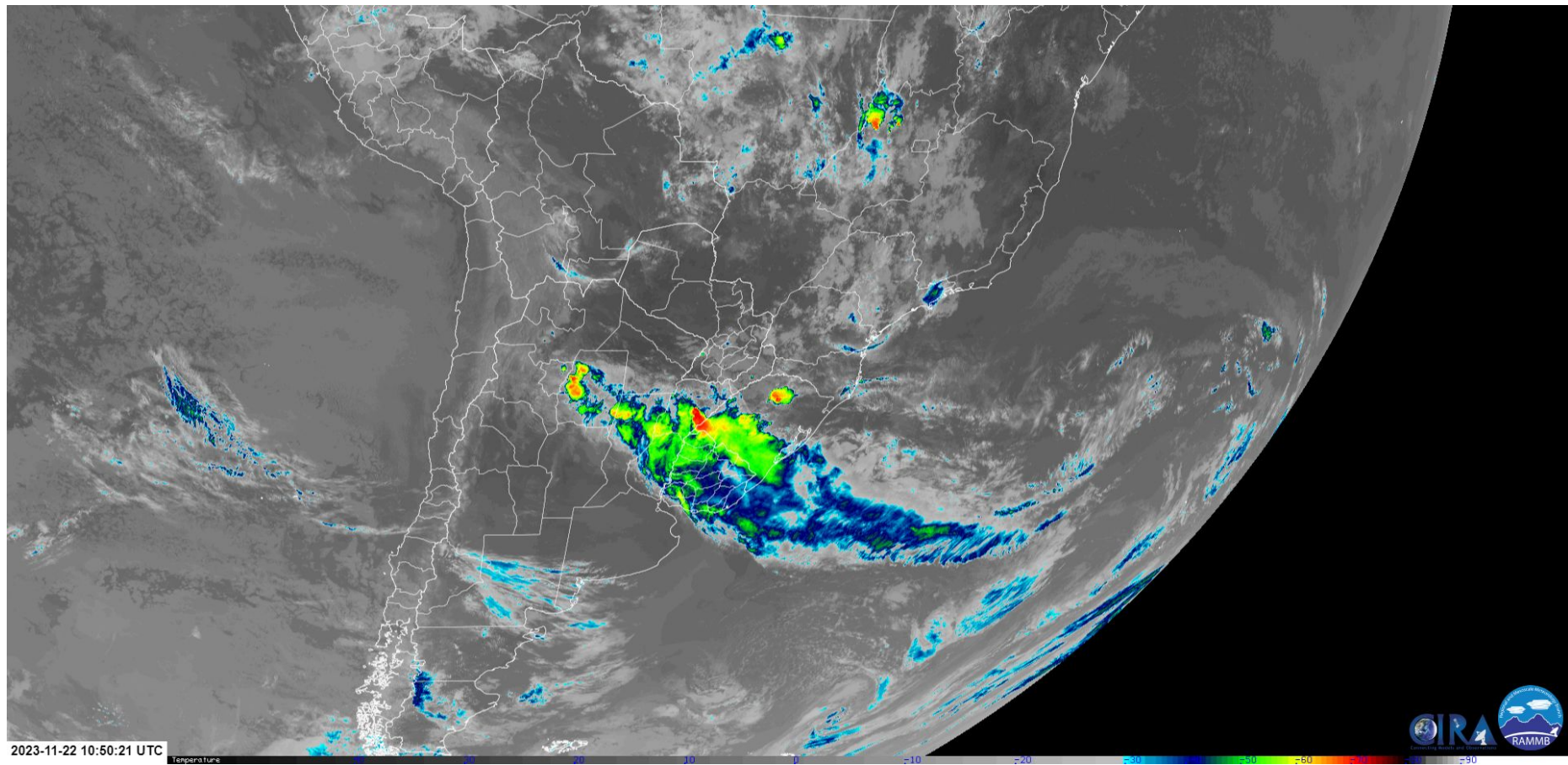
Precipitação Acumulada (mm)
Período: 01/11/2023 a 21/11/2023



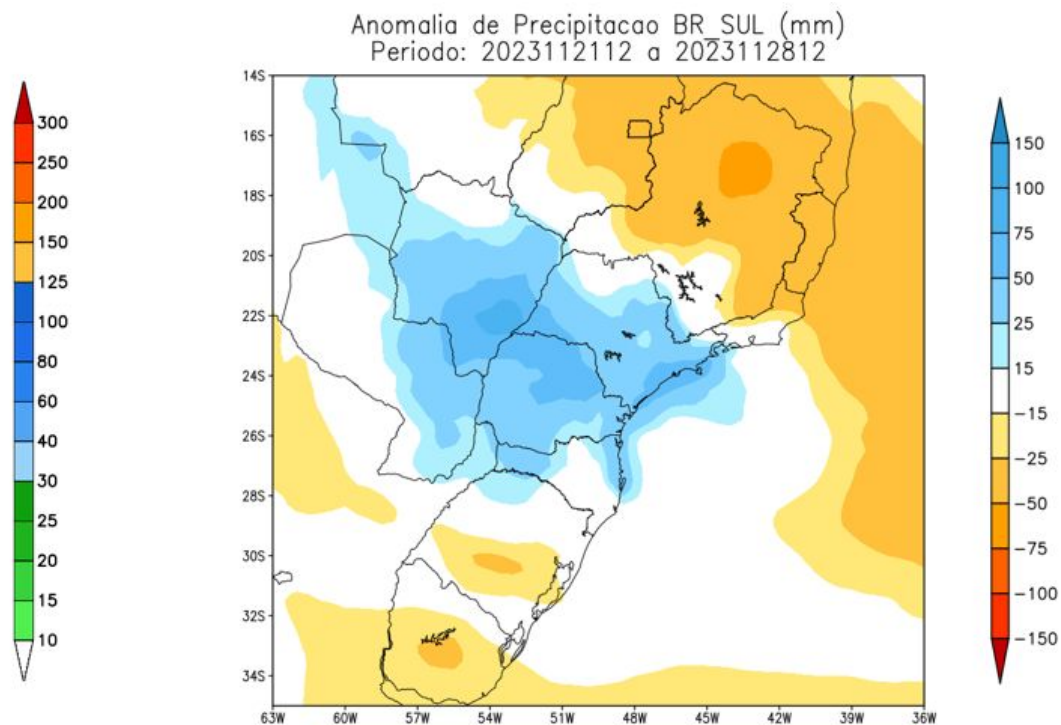
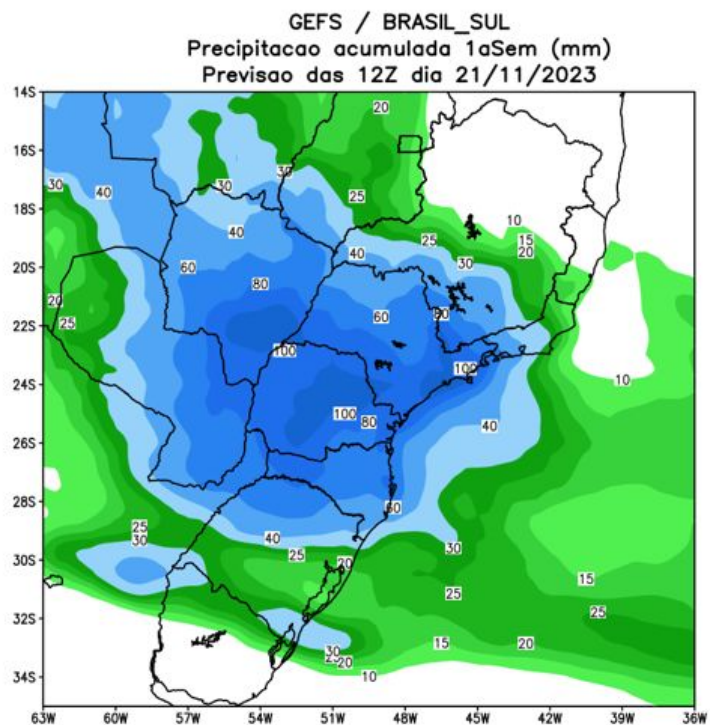
Anomalia de Precipitação (mm)
Período: 01/11/2023 a 21/11/2023



Situação meteorológica atual



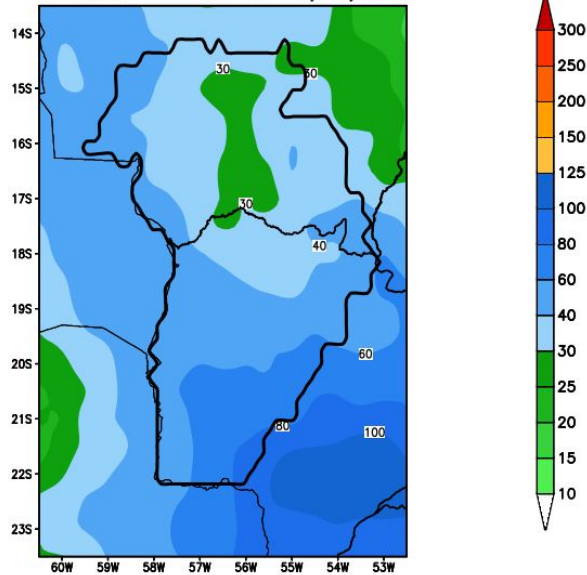
Previsão de chuva próximos 14 dias



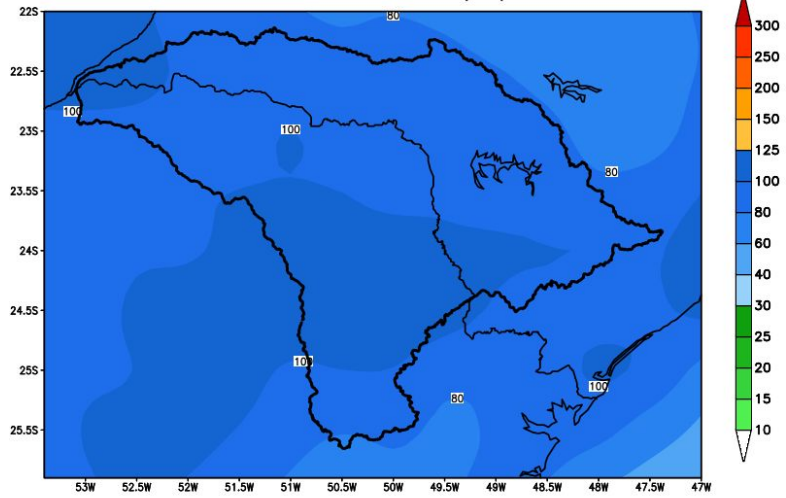
MODELO GFS

Previsão para as principais bacias

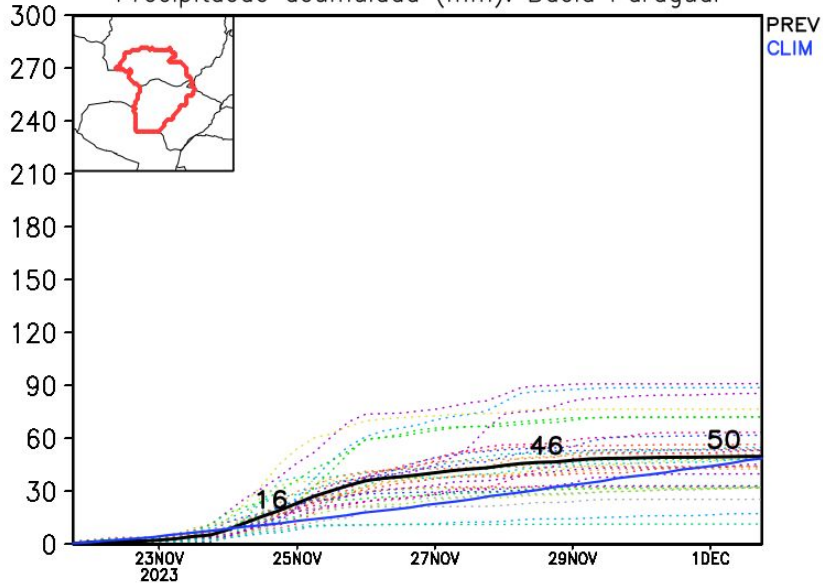
GEFS / Bacia do Rio Paraguai
Precipitação acumulada em 7 dias (mm)
Previsão das 12Z dia 21/11/2023



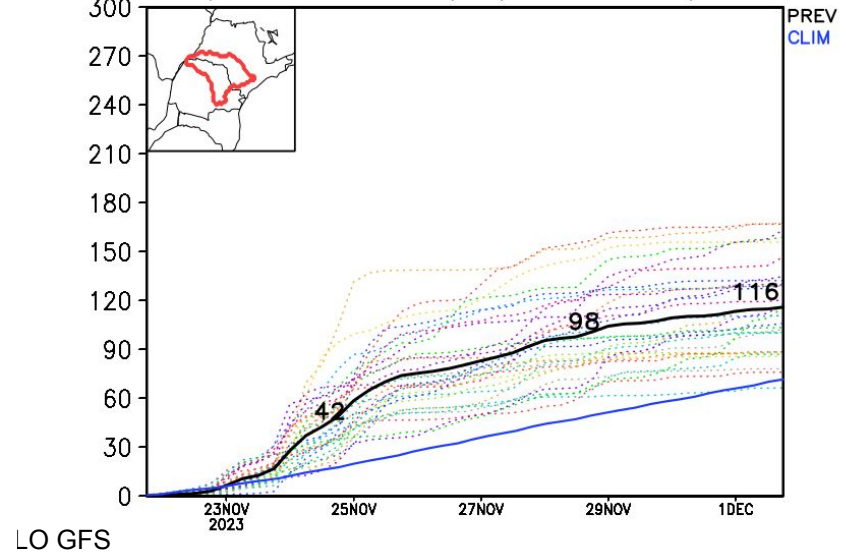
GEFS / Bacia do Rio Paranapanema
Precipitação acumulada em 7 dias (mm)
Previsão das 12Z dia 21/11/2023



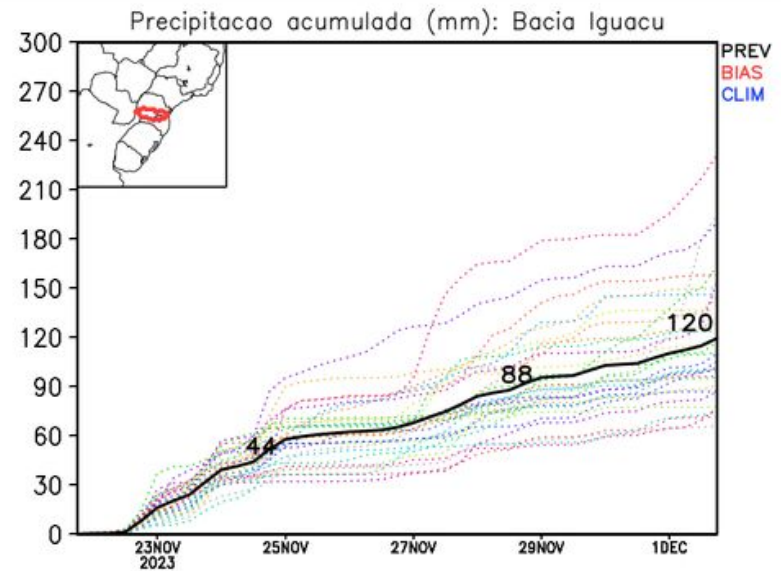
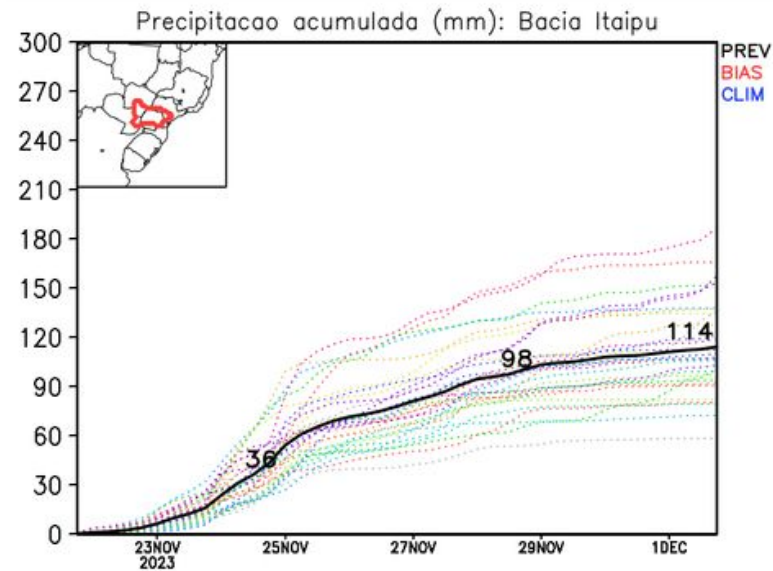
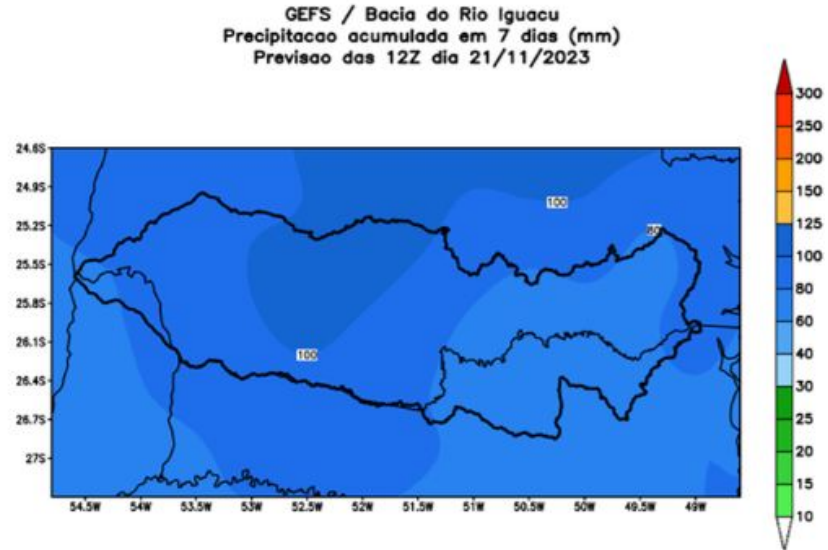
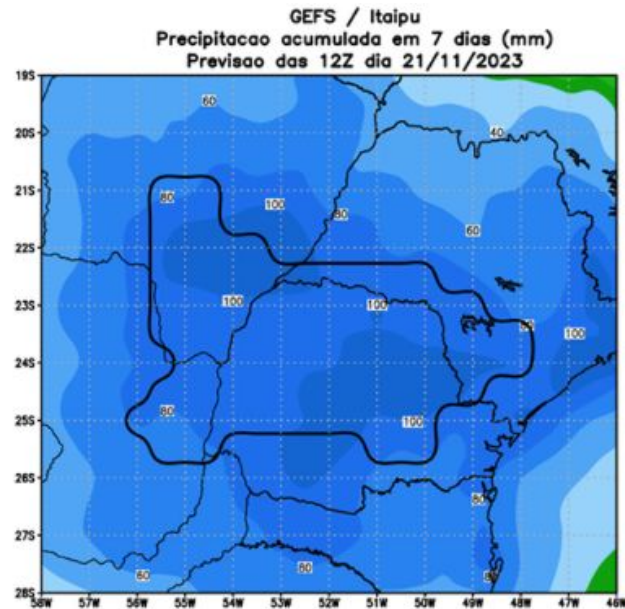
Precipitação acumulada (mm): Bacia Paraguai



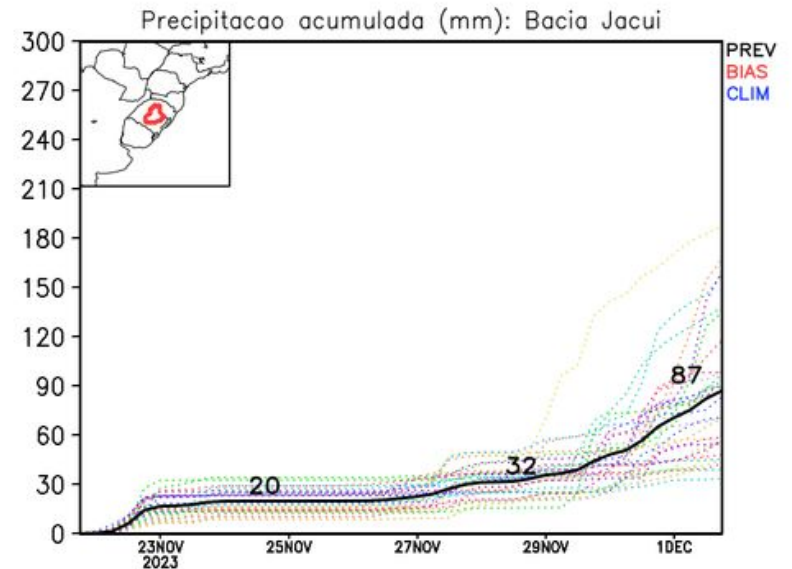
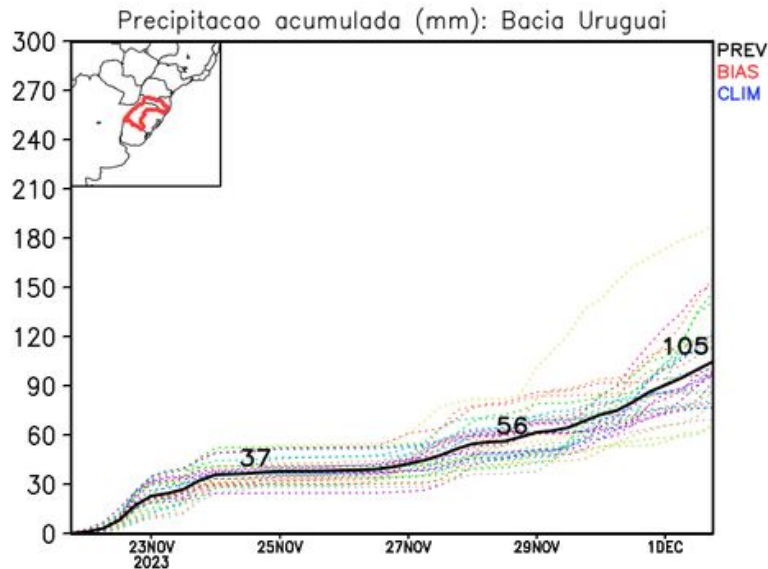
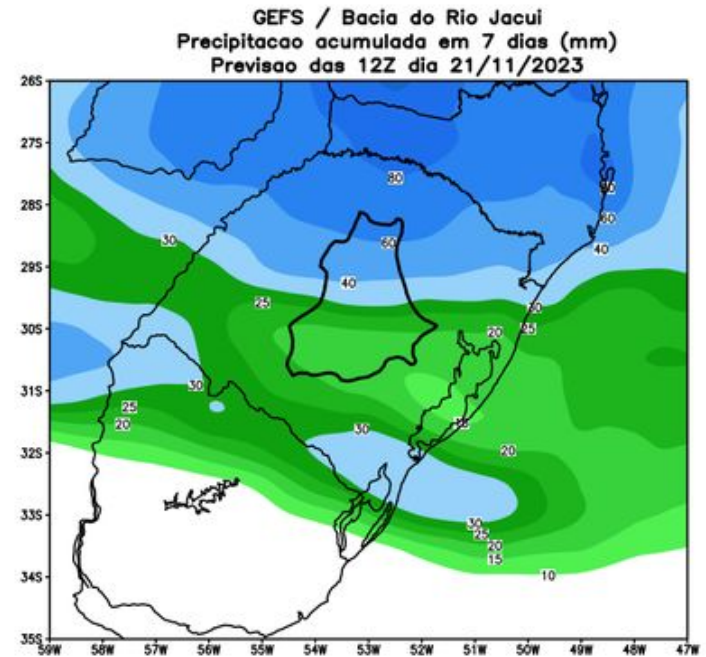
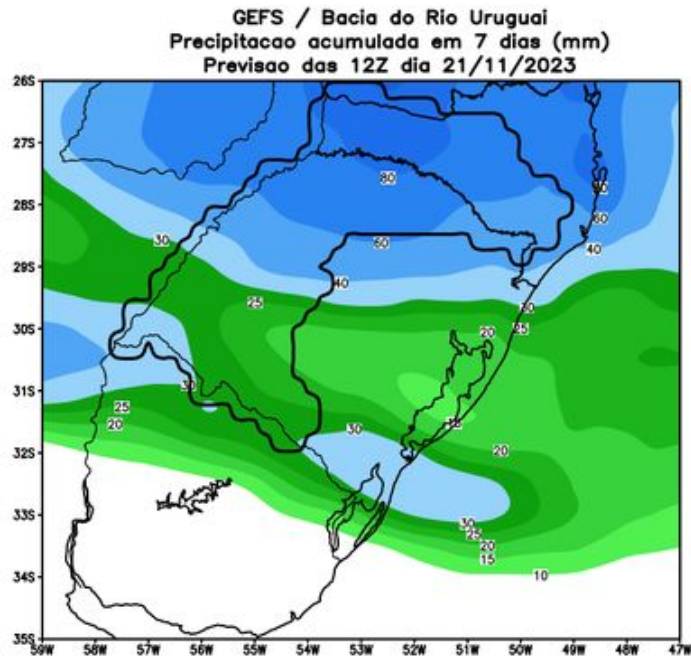
Precipitação acumulada (mm): Bacia Paranapanema



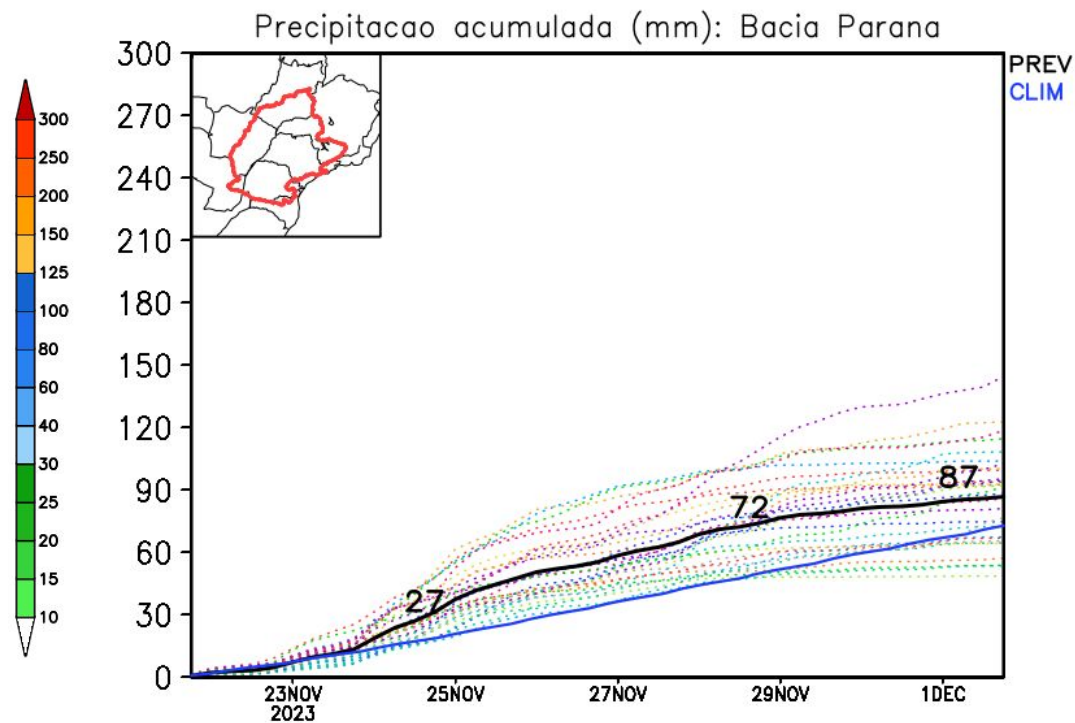
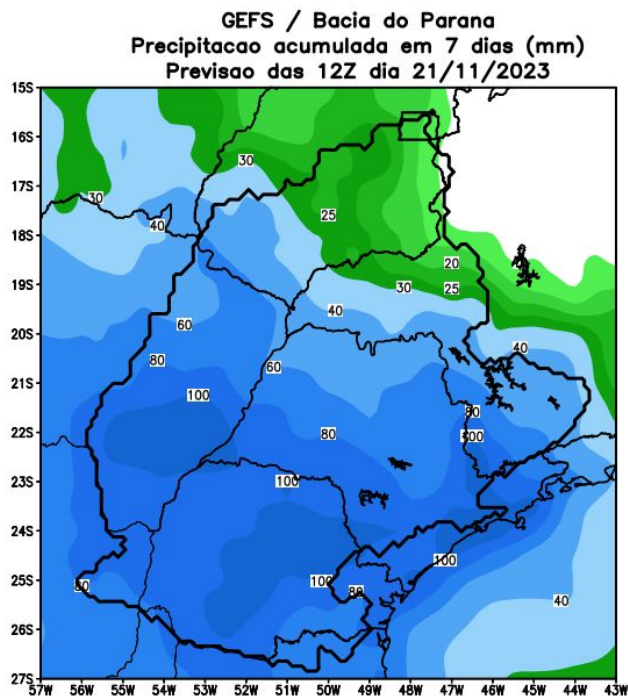
Previsão para as principais bacias



Previsão para as principais bacias

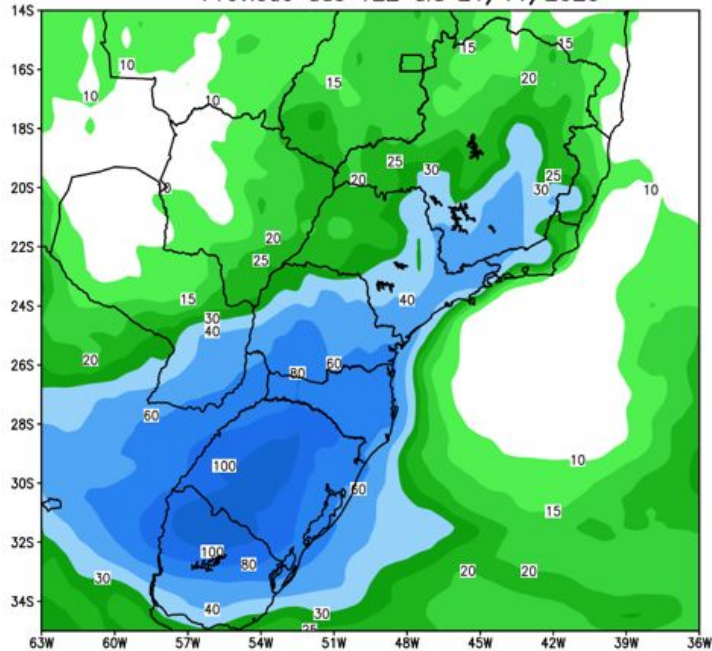


Previsão para as principais bacias

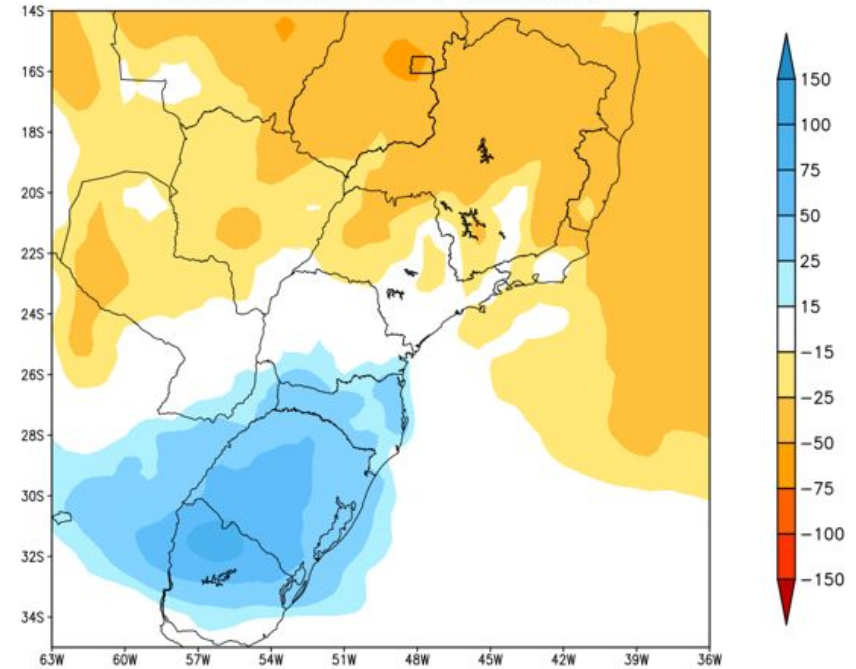


Tendência para a segunda semana

GEFS / BRASIL_SUL
Precipitacao acumulada 2aSem (mm)
Previsao das 12Z dia 21/11/2023



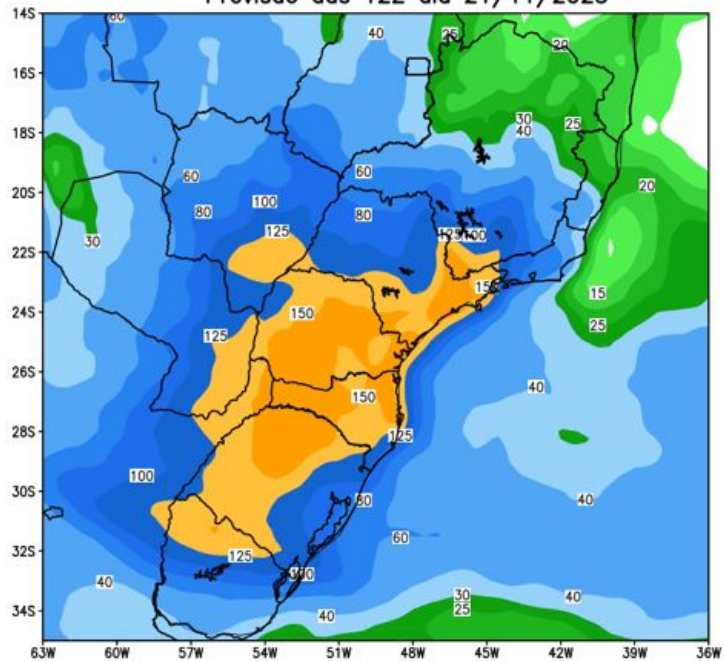
Anomalia de Precipitacao BR SUL (mm)
Periodo: 2023112912 a 2023120512



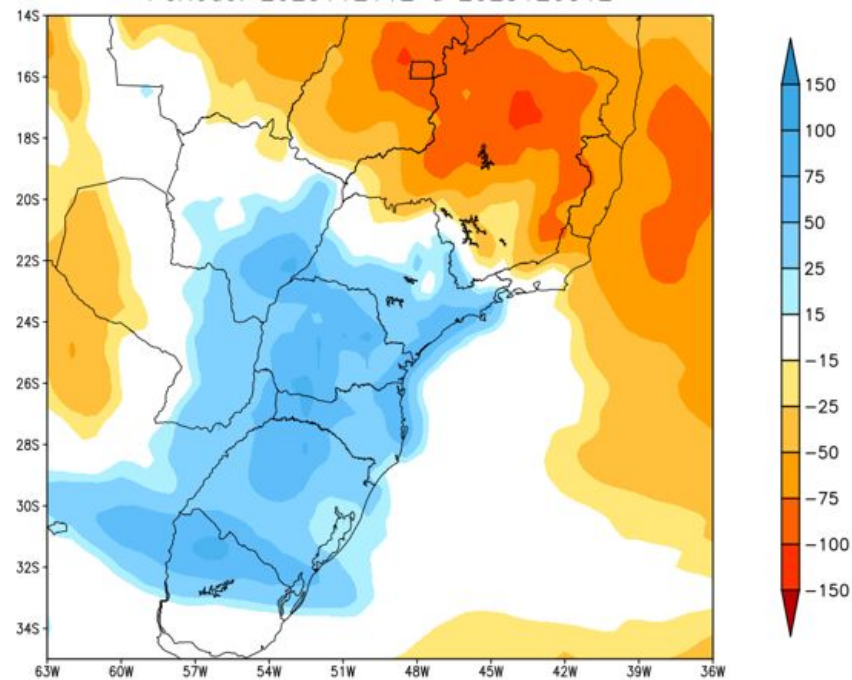
MODELO GFS

Tendência para as duas próximas semanas

GEFS / BRASIL_SUL
Precipitacao acumulada 14dias (mm)
Previsao das 12Z dia 21/11/2023



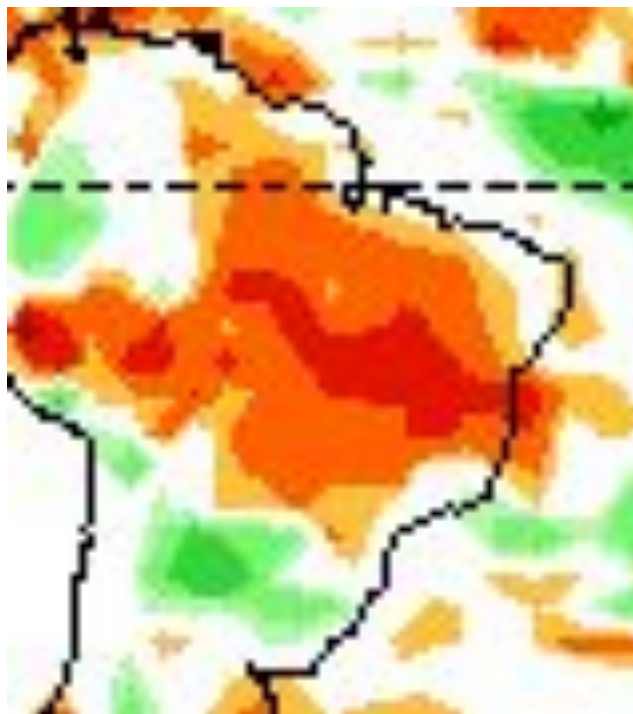
Anomalia de Precipitacao BR_SUL (mm)
Periodo: 2023112112 a 2023120512



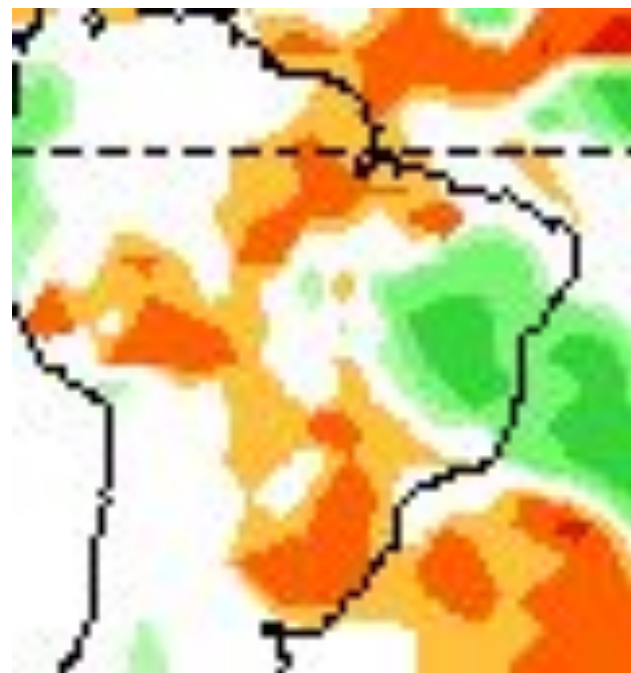
MODELO GFS

Tendência 3a e 4a semanas

06 - 12/12

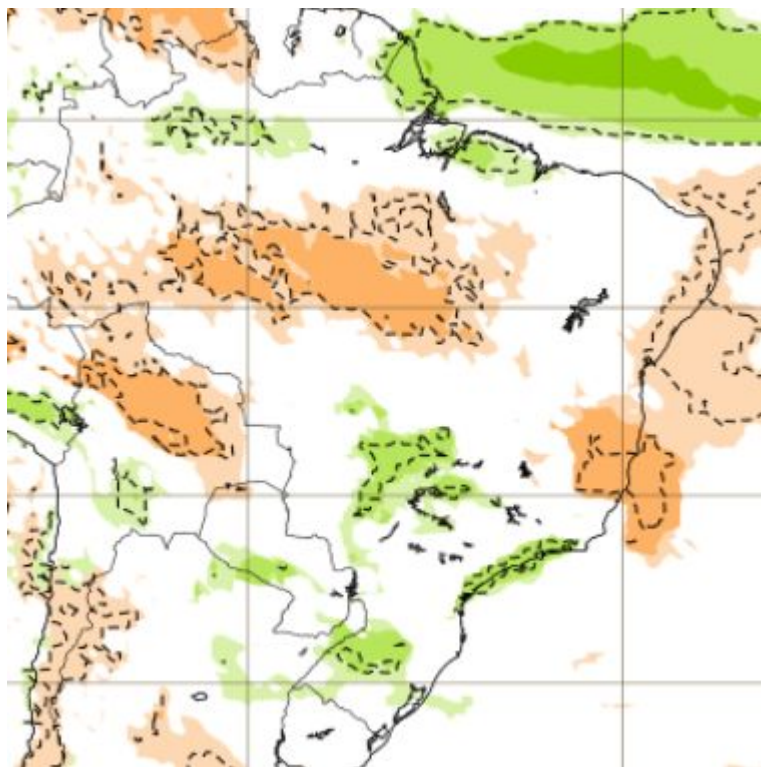


13-19/12

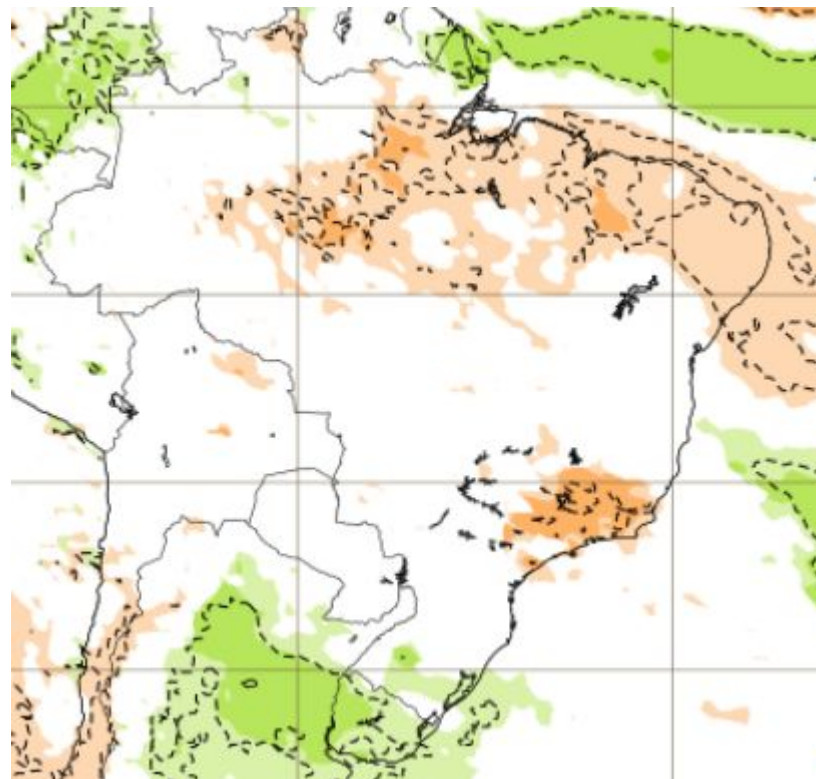


Tendência para 3ª e 4ª semanas

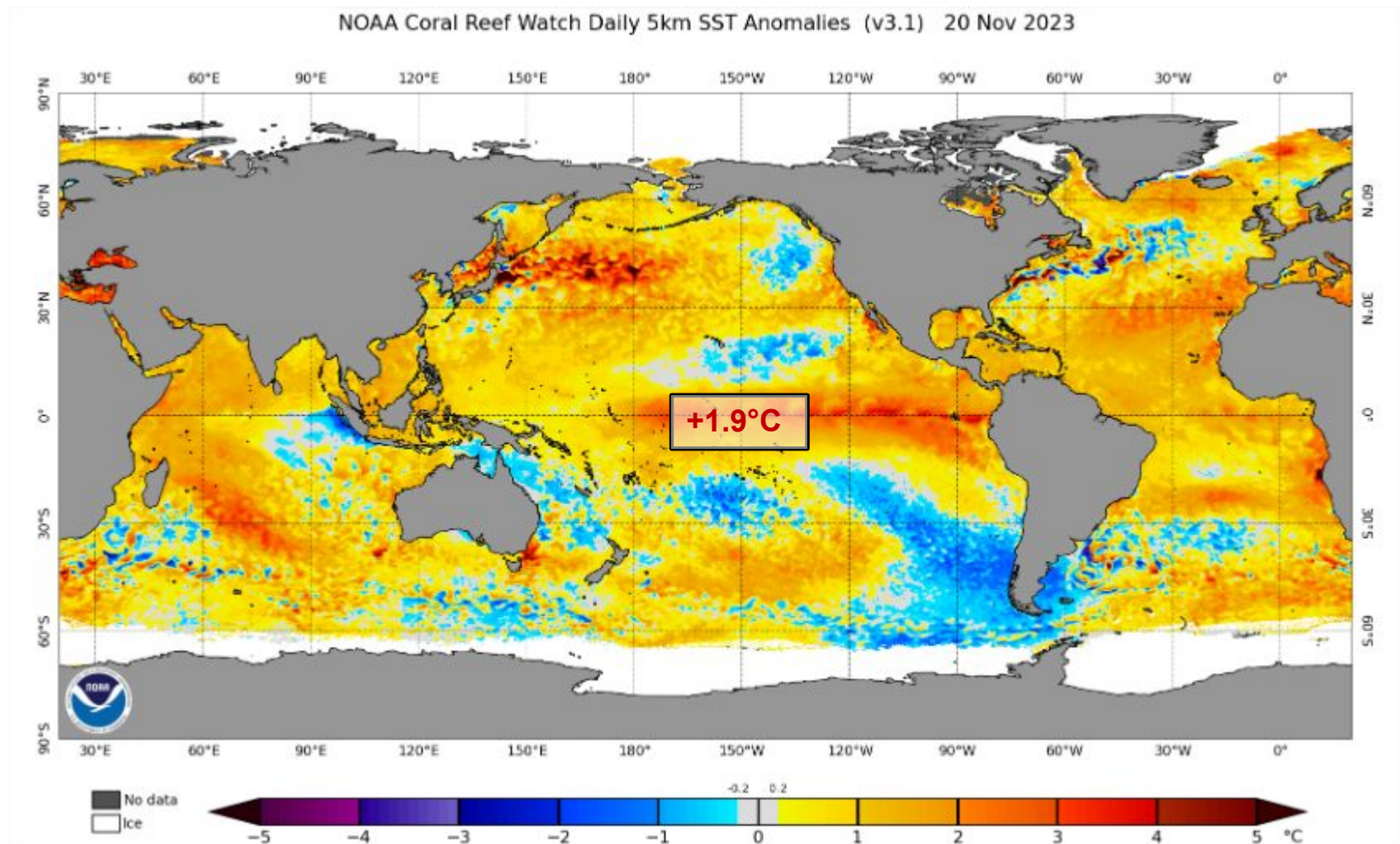
04 - 10 DEZEMBRO



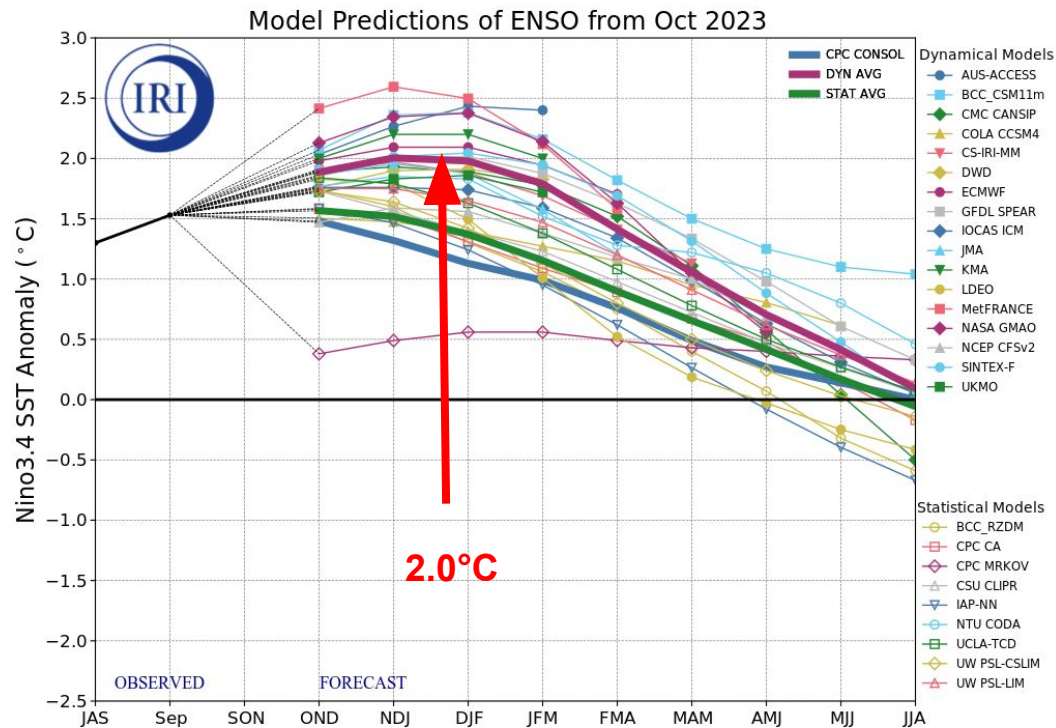
11-17 DEZEMBRO



Status Atual: El Niño



Previsão do “ENSO”



+0.5 a +1.0

Fraco

+1.0 a +1.5

Moderado

+1.5 a +2.0

Forte

+2.0 a +2.5

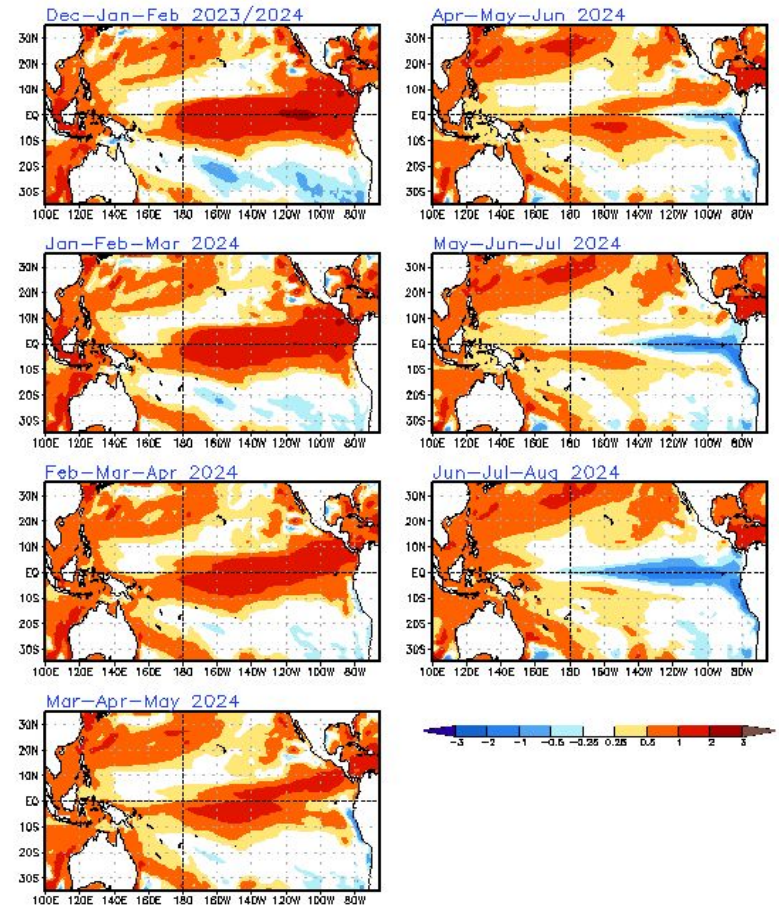
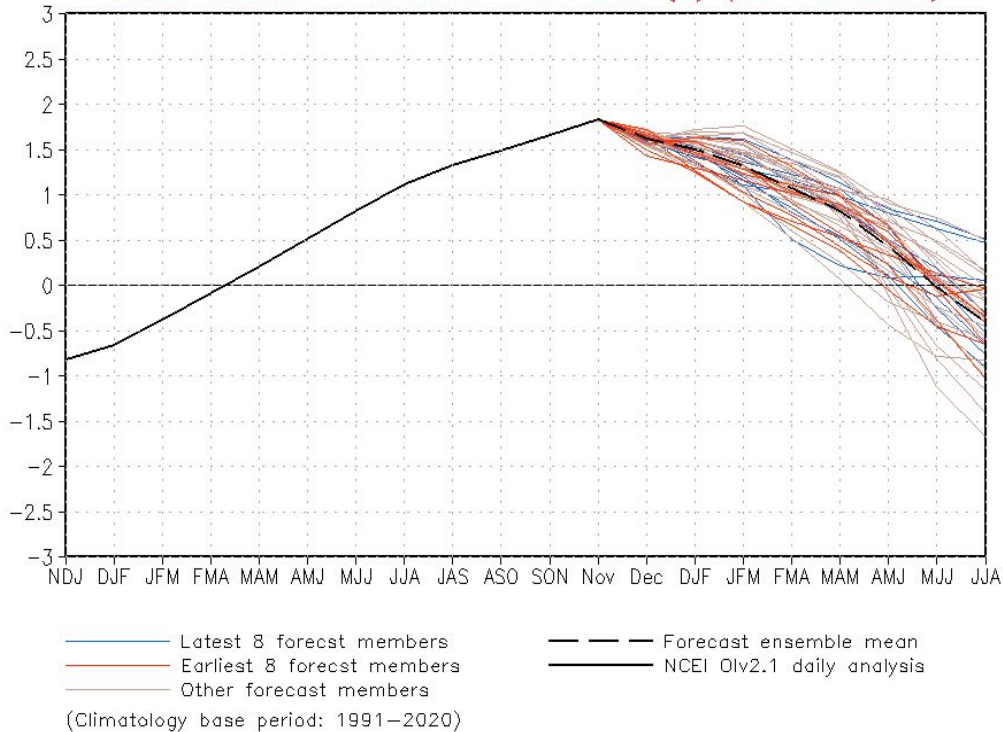
Muito Forte

> +2.5

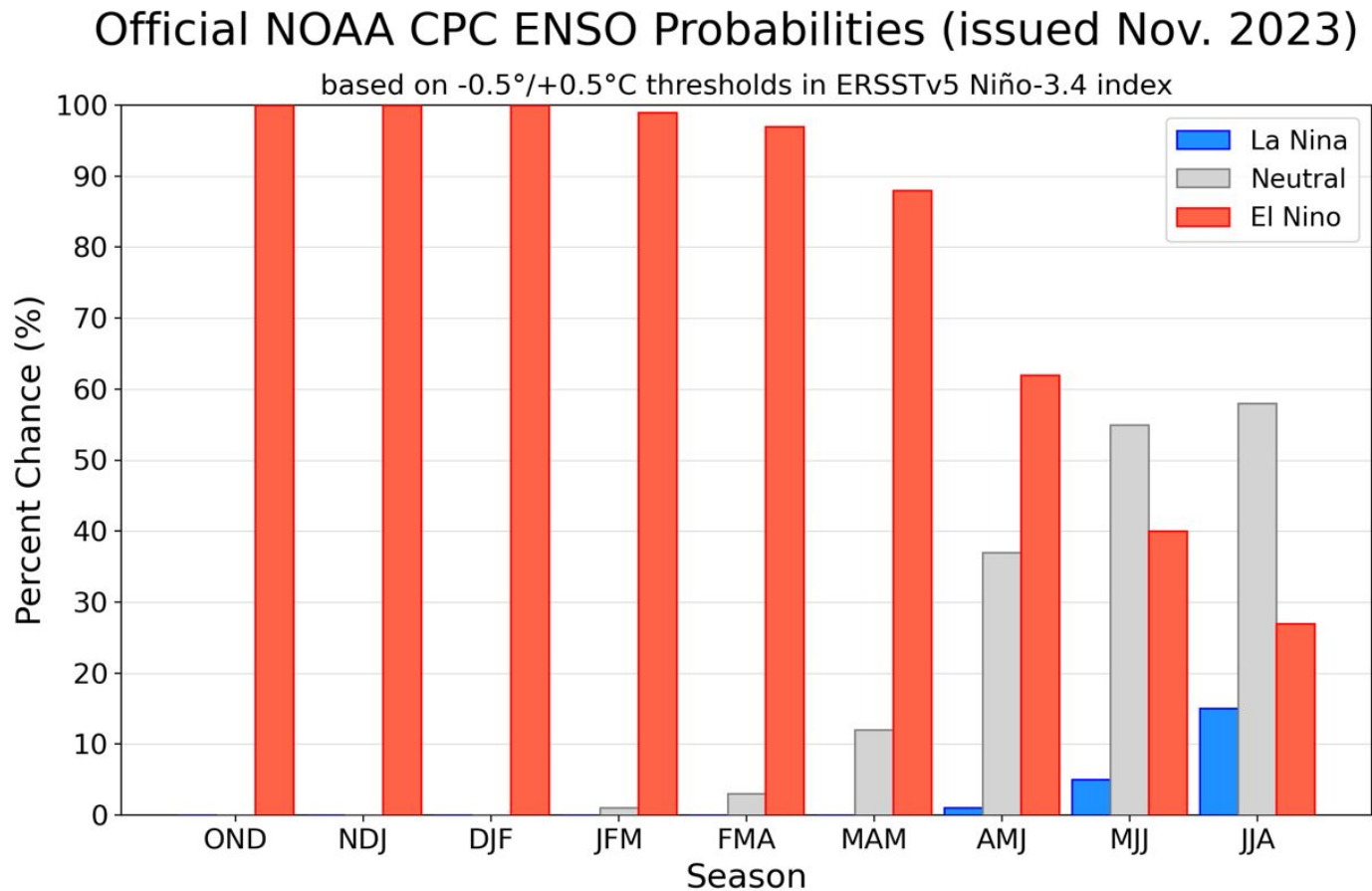
Super

Previsão do “ENSO”

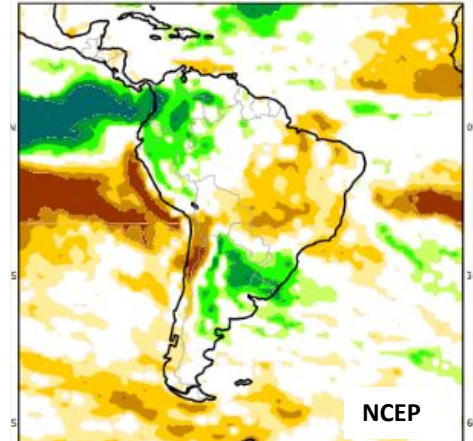
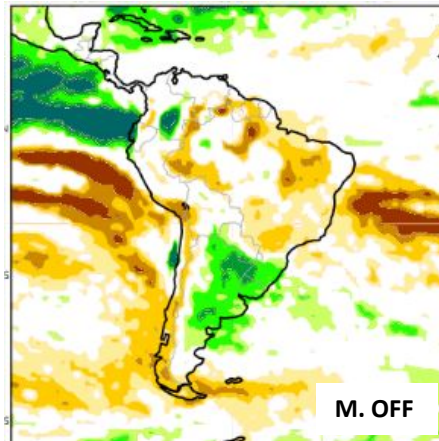
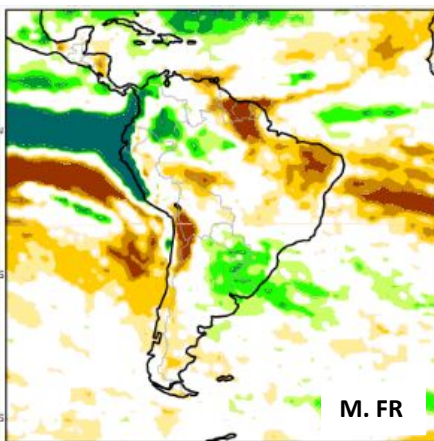
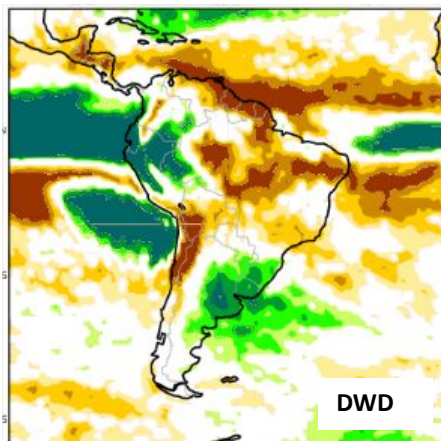
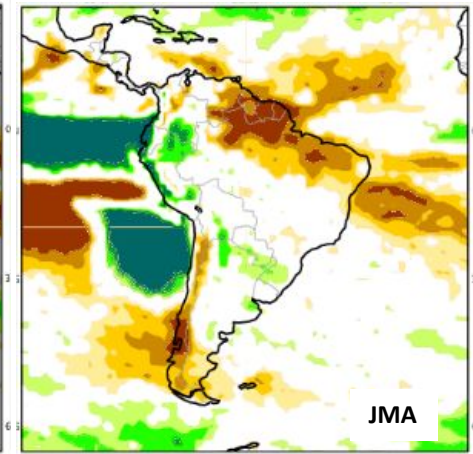
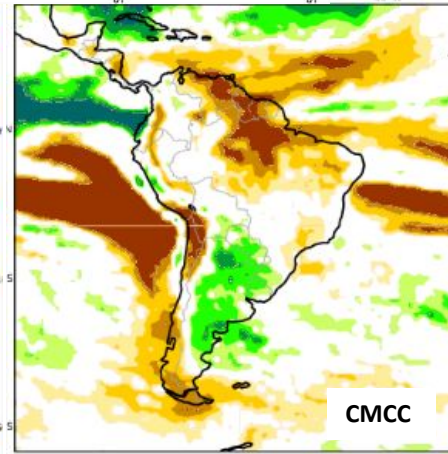
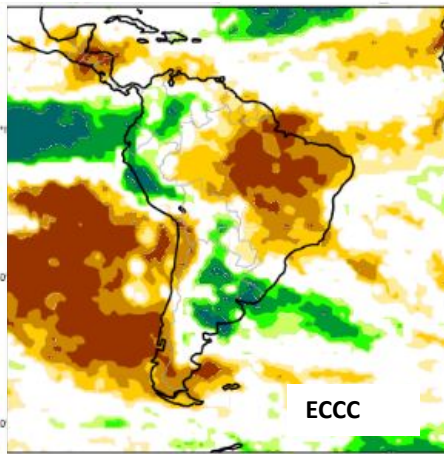
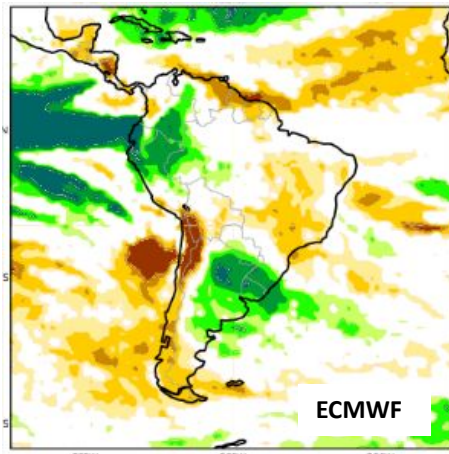
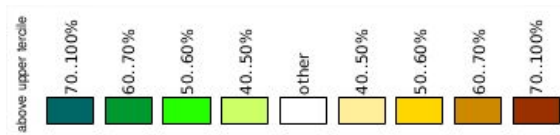
CFSv2 forecast Nino3.4 SST anomalies (K) (PDF corrected)



Previsão do “ENSO”

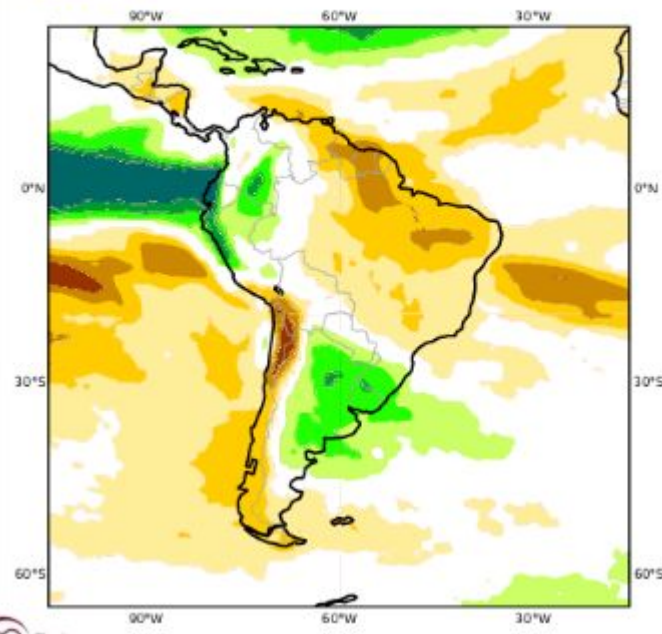


Previsão Sazonal de Chuva DJF

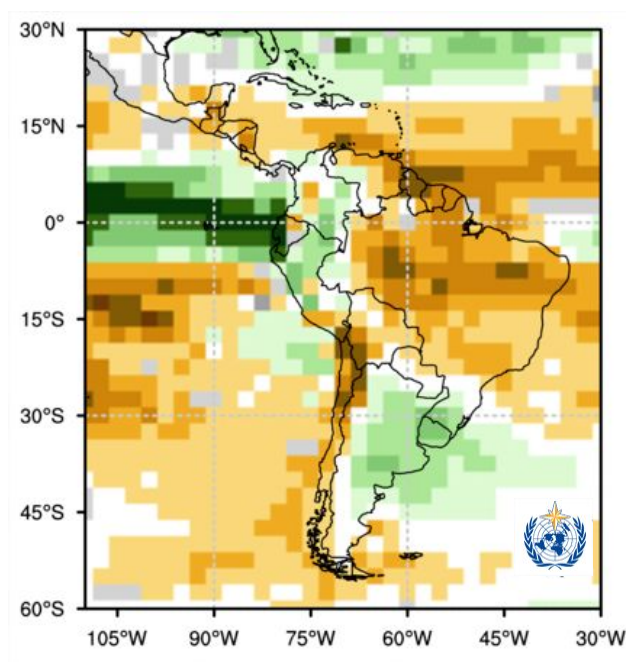


Previsão Sazonal de Chuva Multi-Modelo para DJF

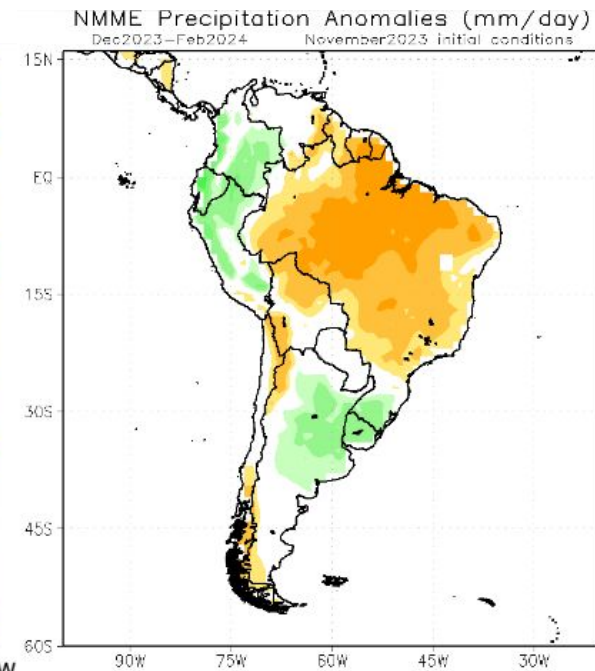
C3S multi-system seasonal forecast
Prob(most likely category of precipitation)
Nominal forecast start: 01/11/23
Unweighted mean



Modelos Europeus



Modelos da Organização
Meteorológica Mundial



Modelos Americanos