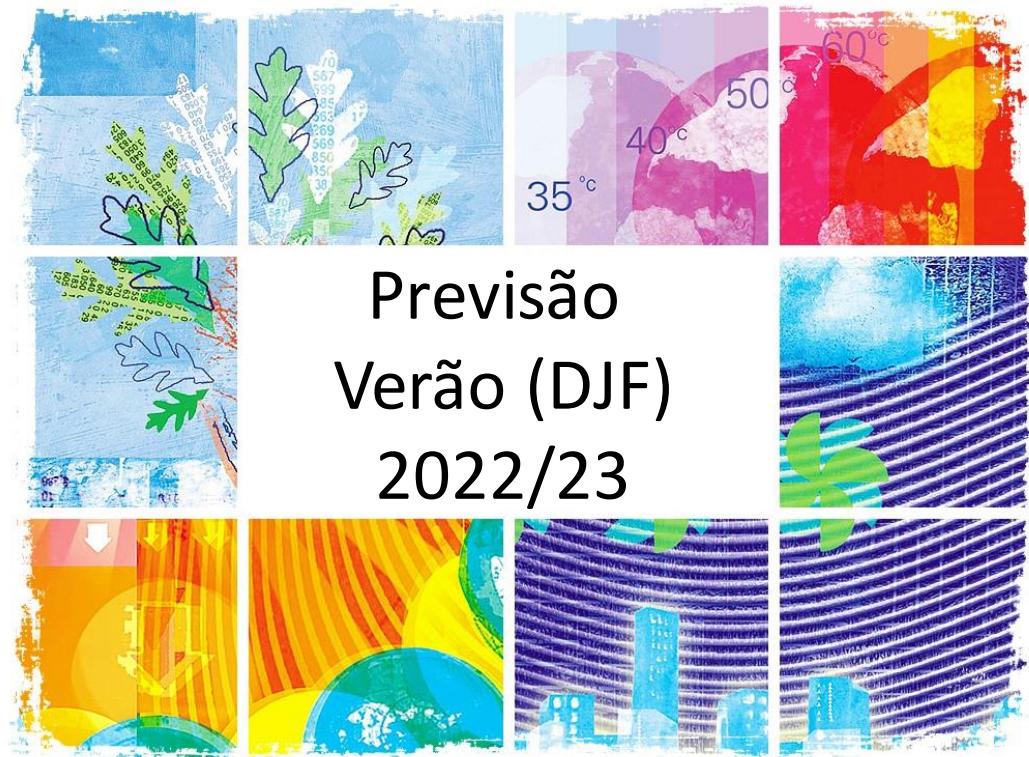


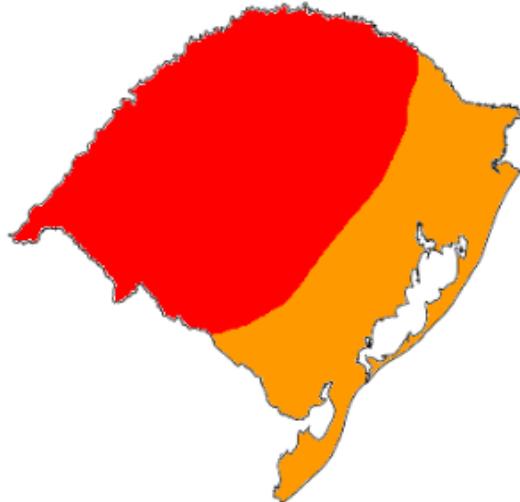
IV Reunião Climática Mensal



Verificação da previsão para SON

Previsão por consenso realizada em Agosto de 2022

Precipitação



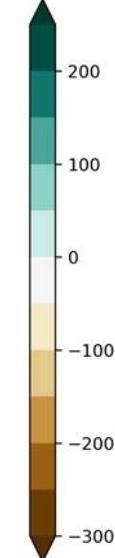
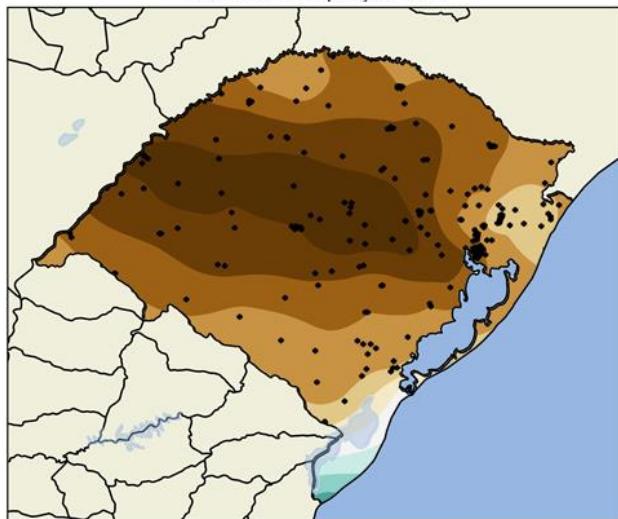
Previsto:

Temperatura do ar

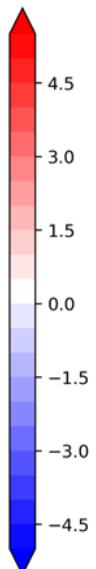
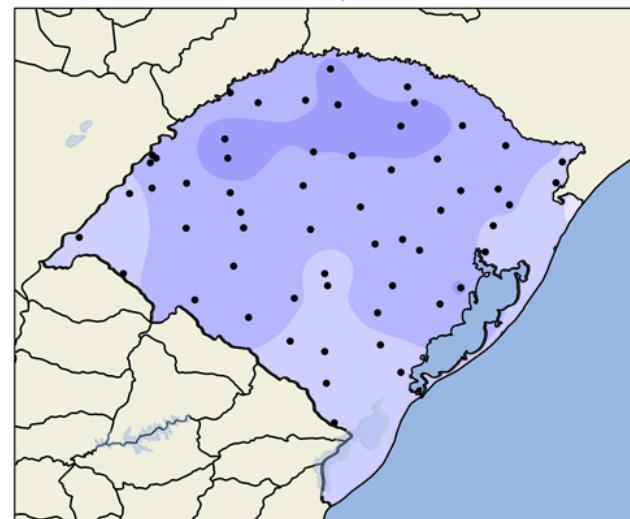


Observado:

Anomalia - Precipitação - SON



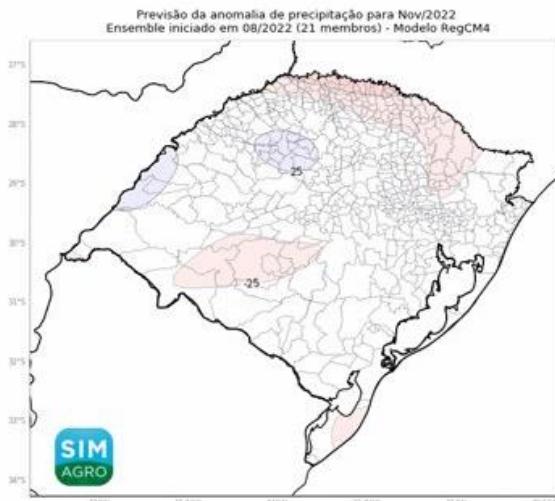
Anomalia - Anomalia temperatura média - SON



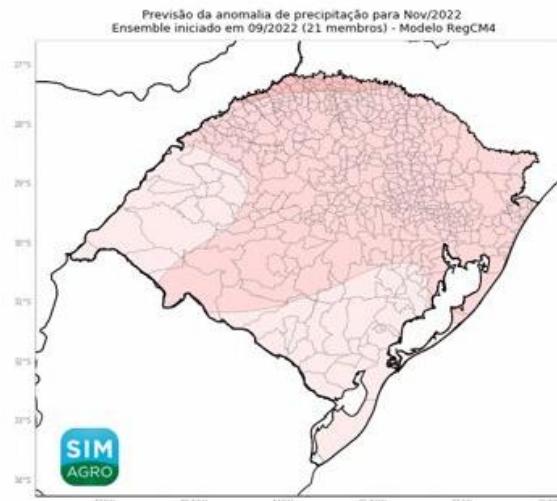
Verificação dos modelos por tempo de antecedência

Precipitação RegCM4 do SIMAGRO (Novembro/2022)

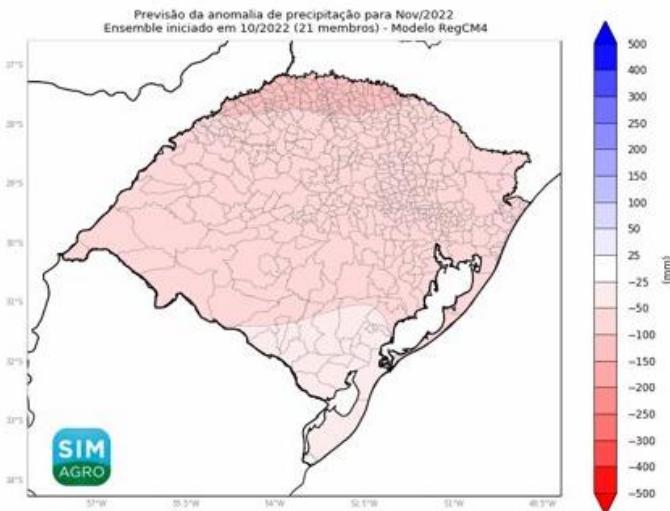
Iniciado em Agosto/2022



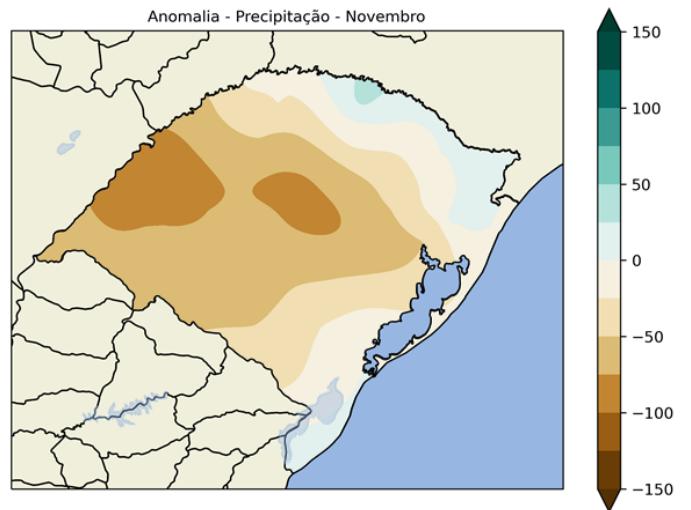
Iniciado em Setembro/2022



Iniciado em Outubro/2022



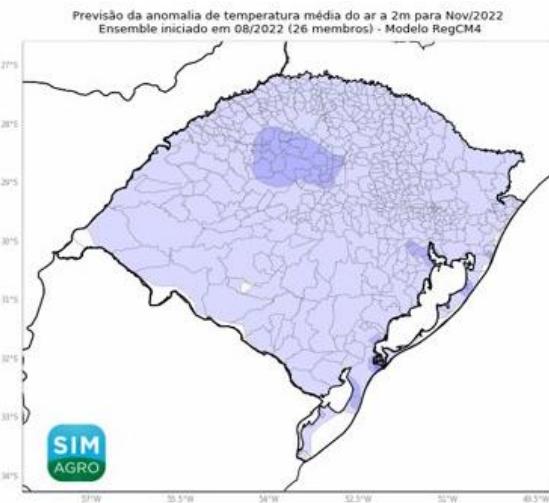
Observado:



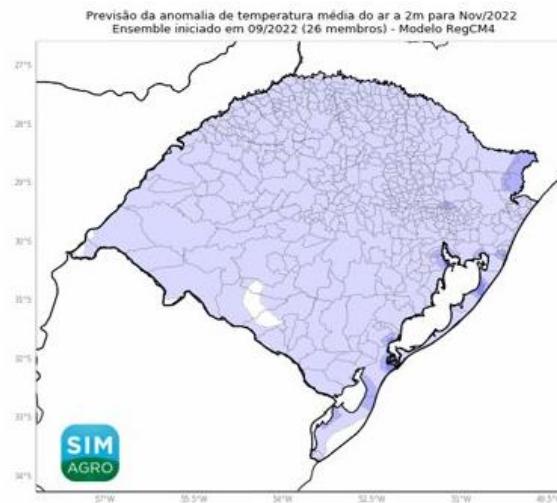
Verificação dos modelos por tempo de antecedência

Anomalia de Temperatura SIMAGRO (Novembro/2022)

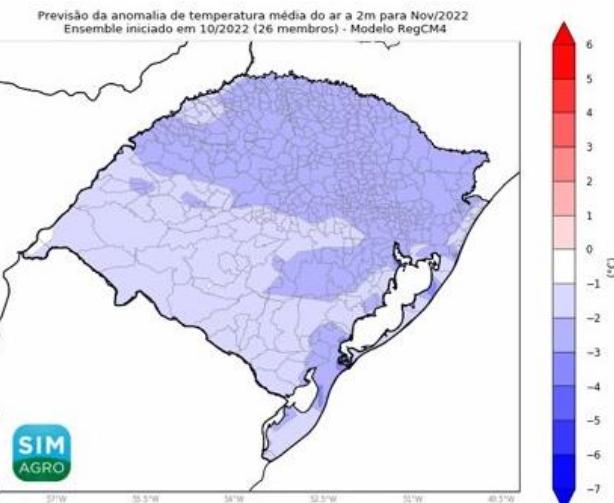
Iniciado em Agosto/2022



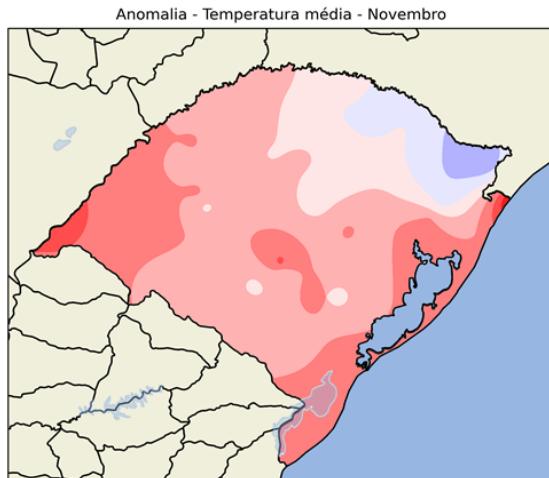
Iniciado em Setembro/2022



Iniciado em Outubro/2022



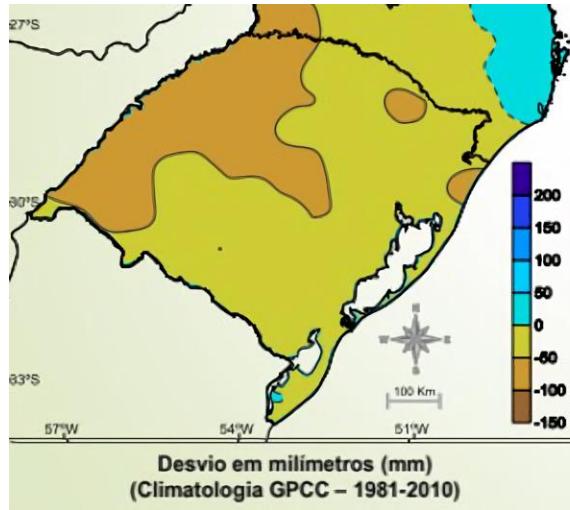
Observado:



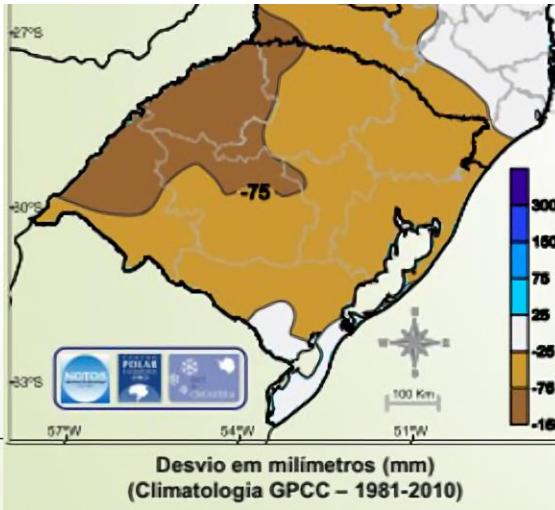
Verificação dos modelos por tempo de antecedência

Precipitação MoReClima-SUL (Novembro/2022)

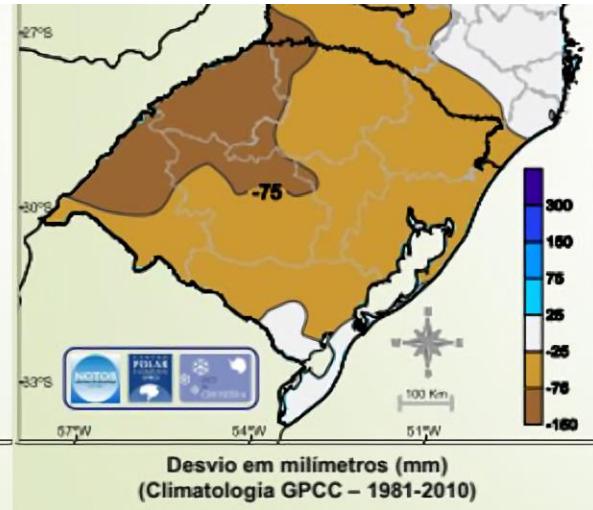
Iniciado em Agosto/2022



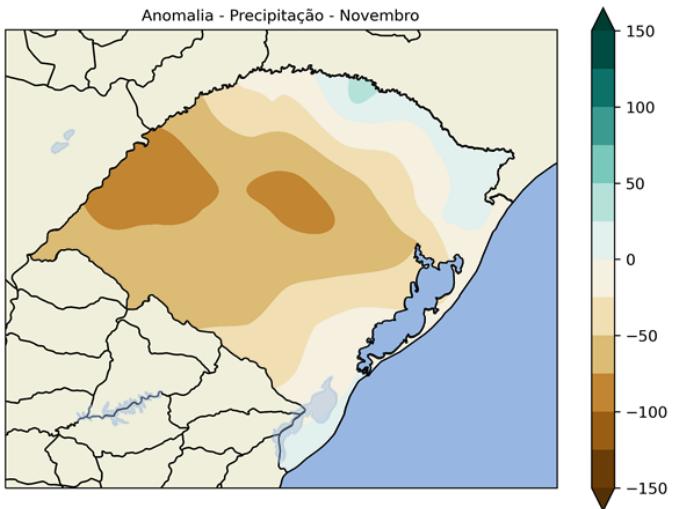
Iniciado em Setembro/2022



Iniciado em Outubro/2022



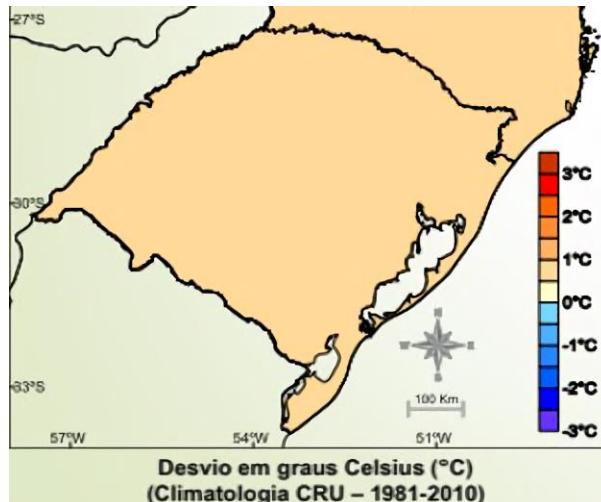
Observado:



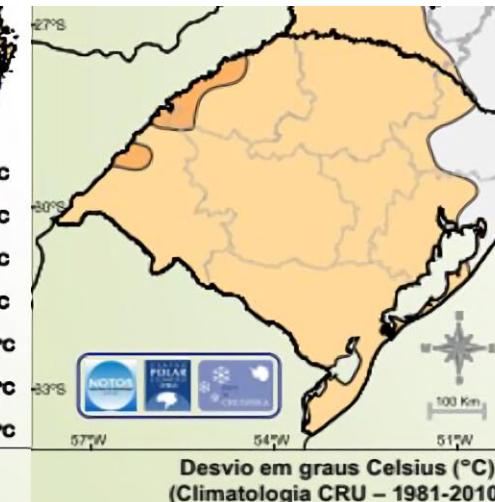
Verificação dos modelos por tempo de antecedência

Anomalia de Temperatura MoReClima-SUL (Novembro/2022)

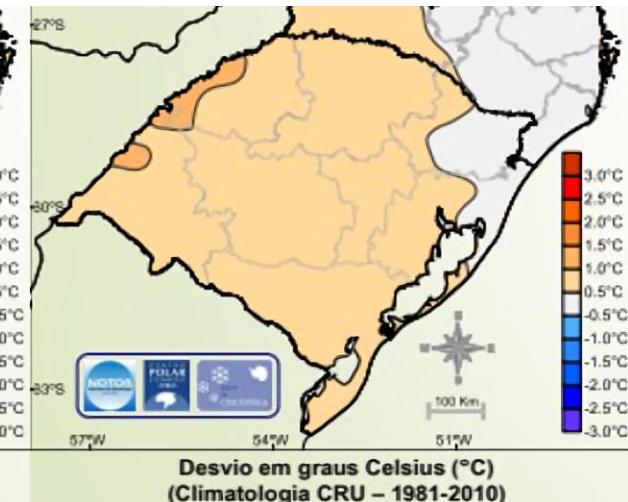
Iniciado em Agosto/2022



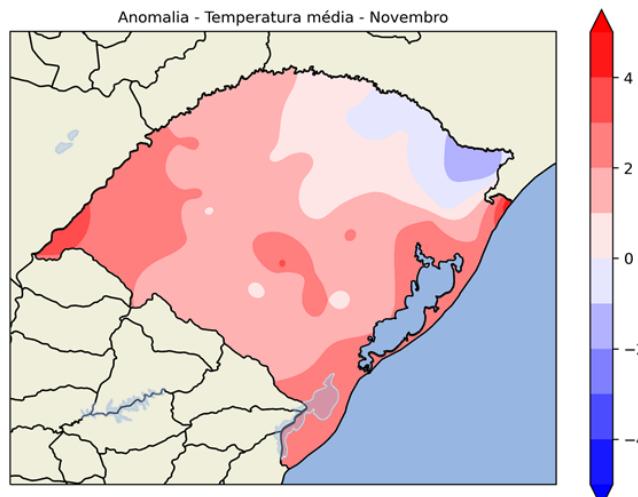
Iniciado em Setembro/2022



Iniciado em Outubro/2022

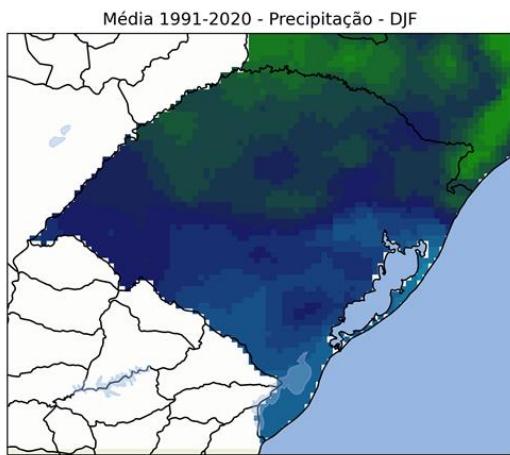


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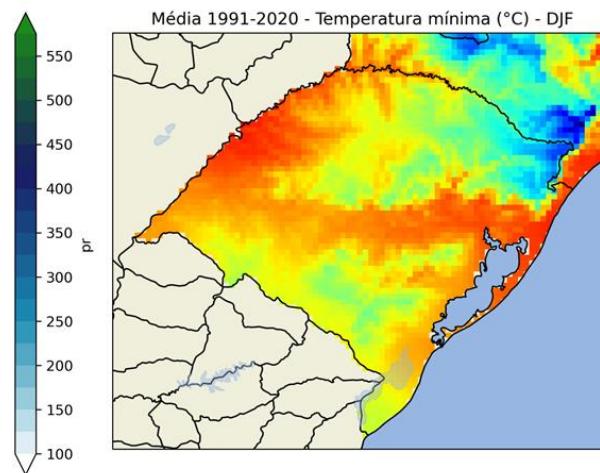


Climatologia de DJF

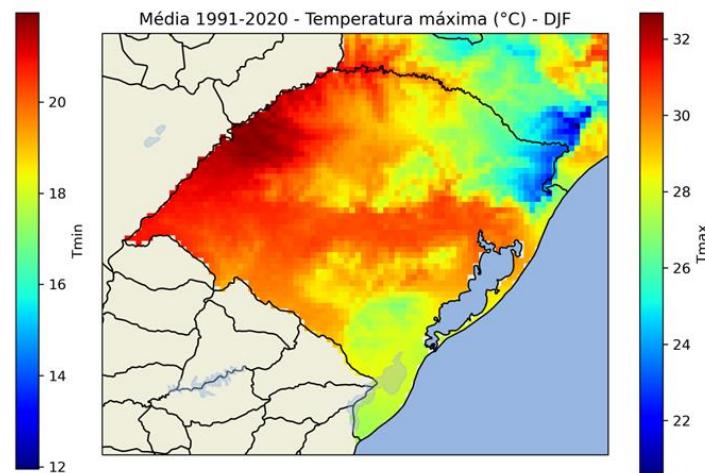
- Caracterizada por um contraste de chuva entre o centro-sul do RS, mais seco e o centro-norte do estado, relativamente mais úmido;
- As médias de temperatura mínima e máxima são mais altas no noroeste do RS e na faixa central do estado até o litoral norte;



Precipitação



Temperatura mínima

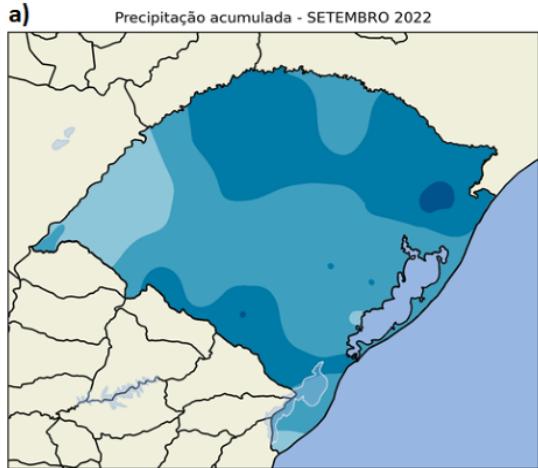


Temperatura máxima

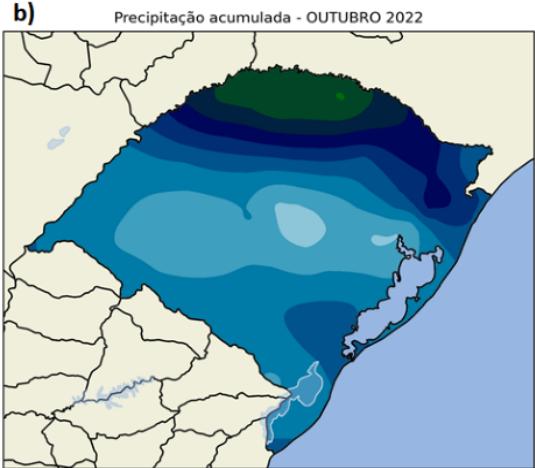
Condições observadas em ASO/2022

Valores absolutos

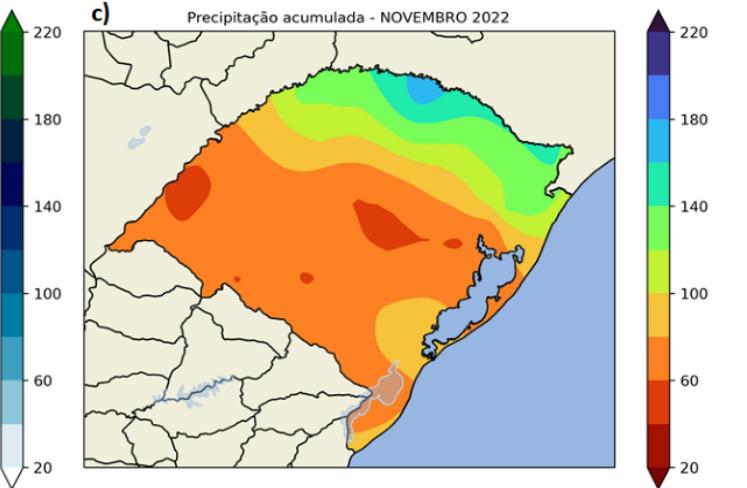
Setembro



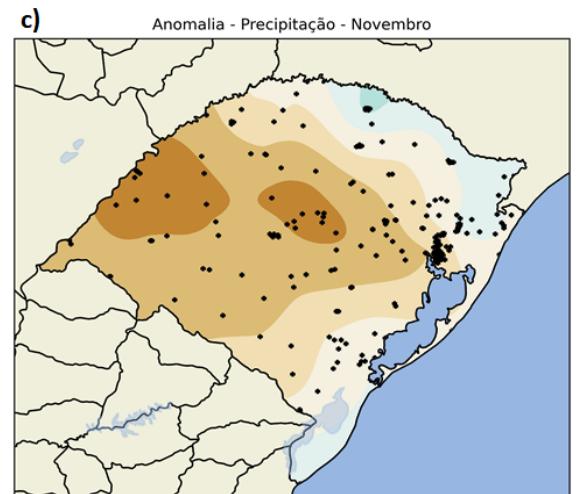
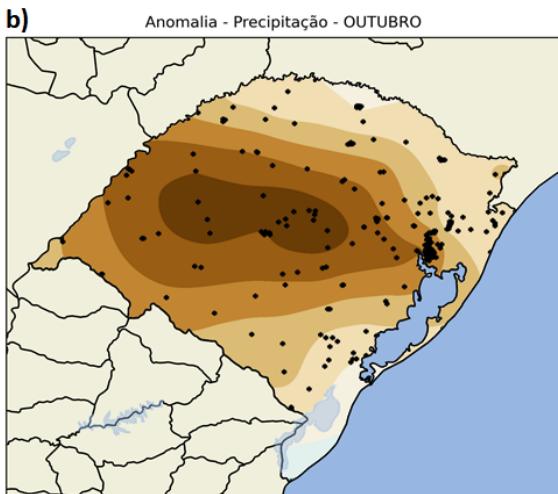
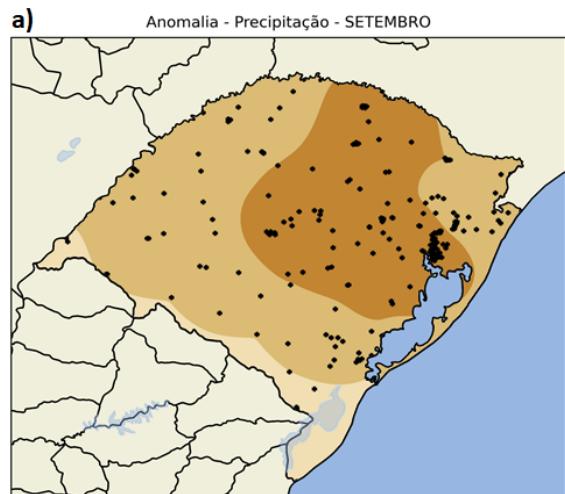
Outubro



Novembro

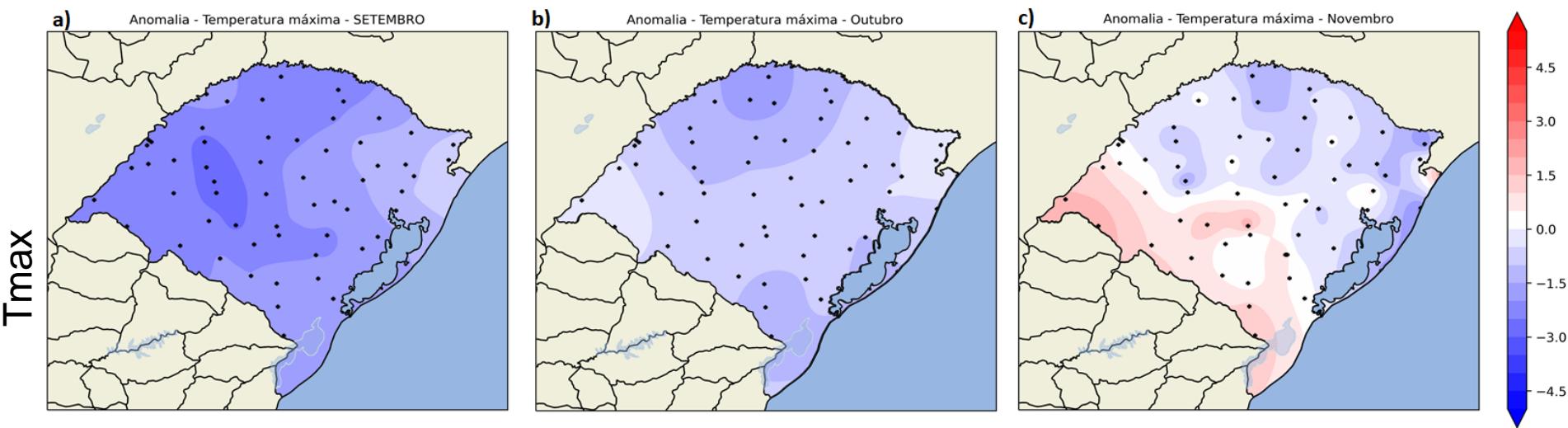
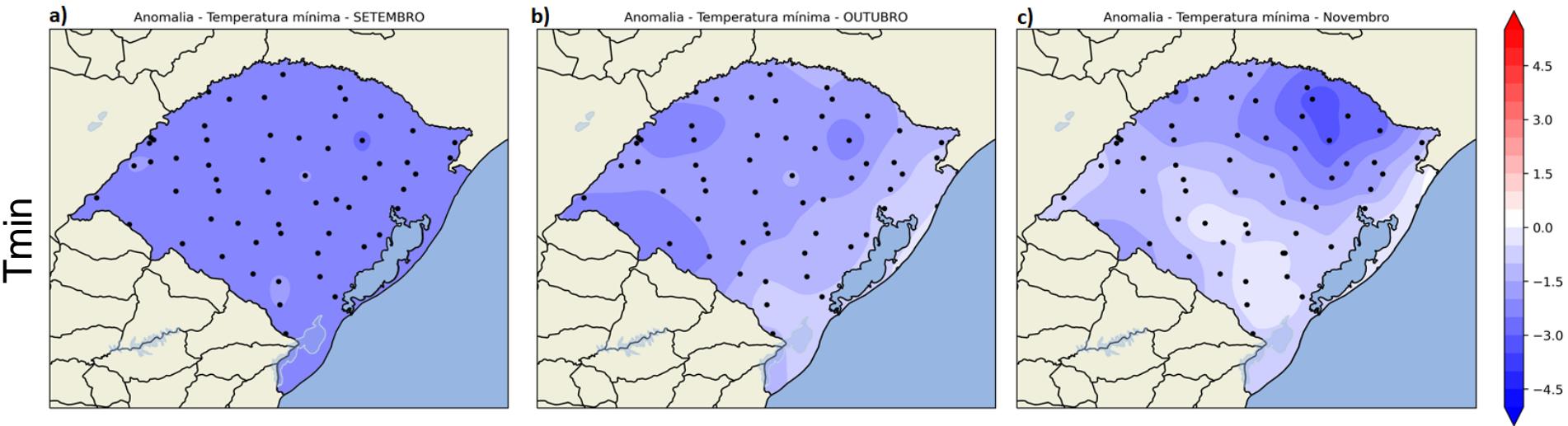


Anomalias



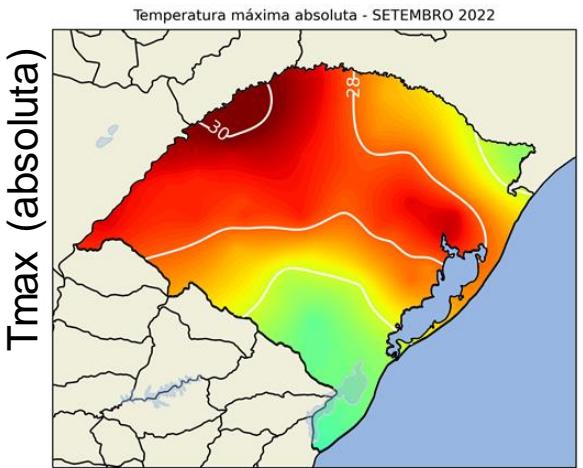
Condições observadas em SON/2022

Anomalias

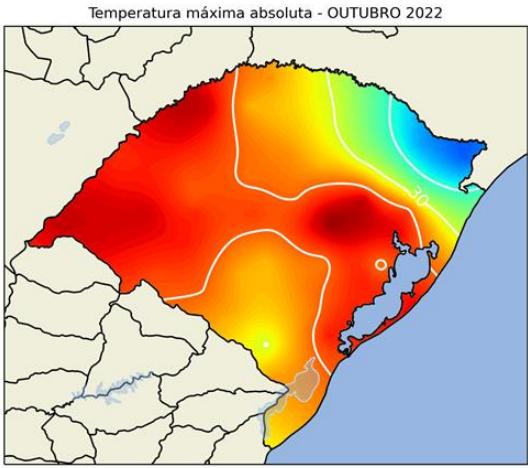


Condições observadas em SON/2022

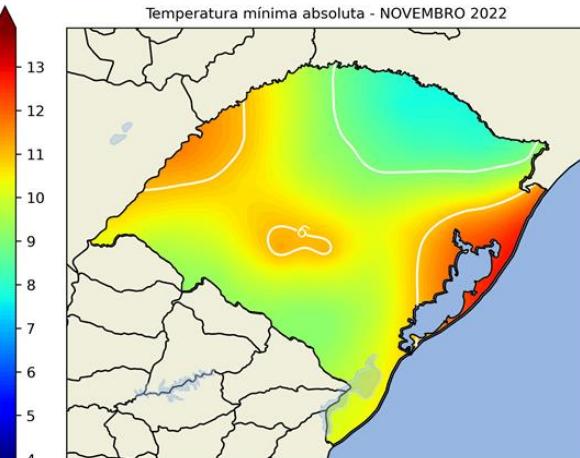
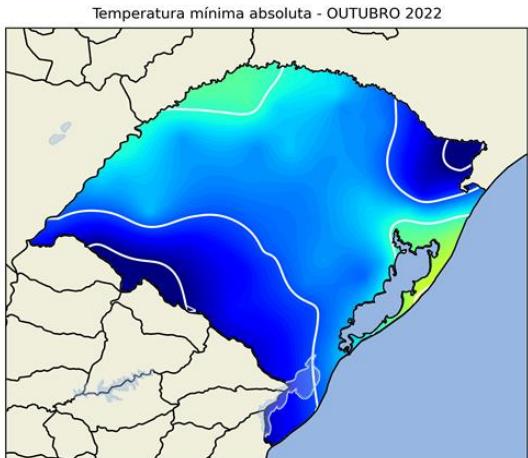
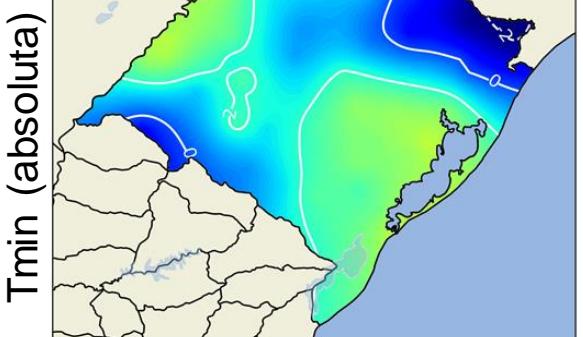
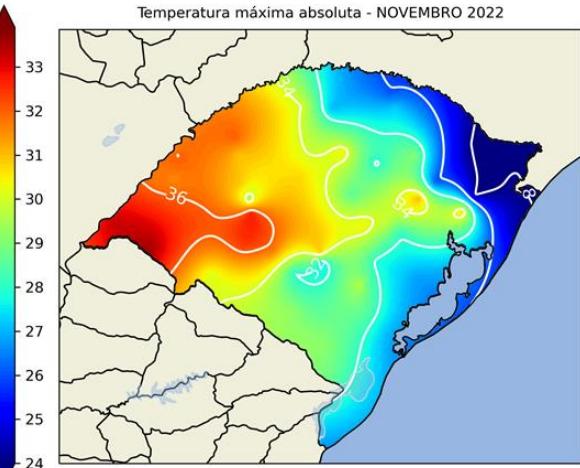
Setembro



Outubro



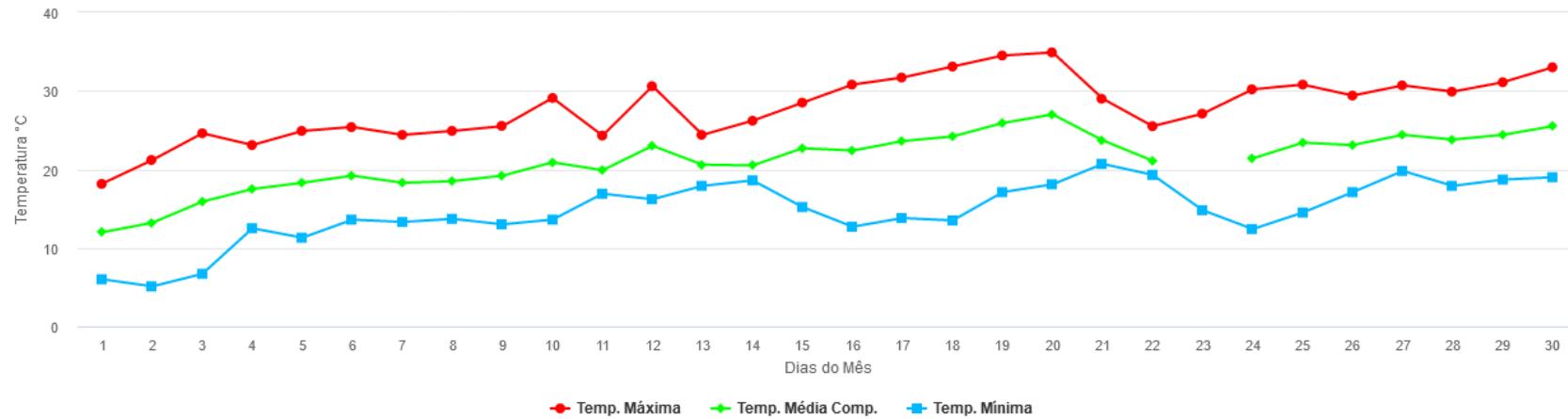
Novembro



Condições observadas em Nov/2022

Instituto Nacional de Meteorologia - INMET

Temperaturas Diárias (Máxima, Média, Mínima) || Estação: SANTA MARIA (A803) - 11/2022



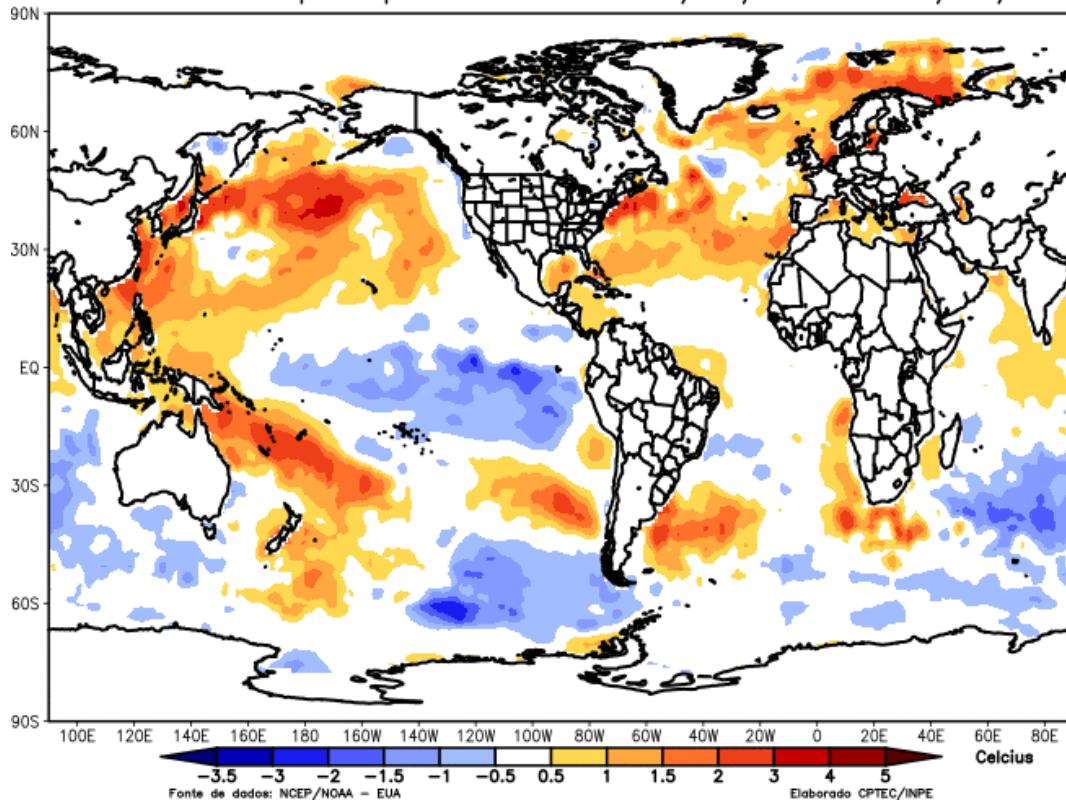
Highcharts.com

Precipitação mensal em Novembro em Santa Maria



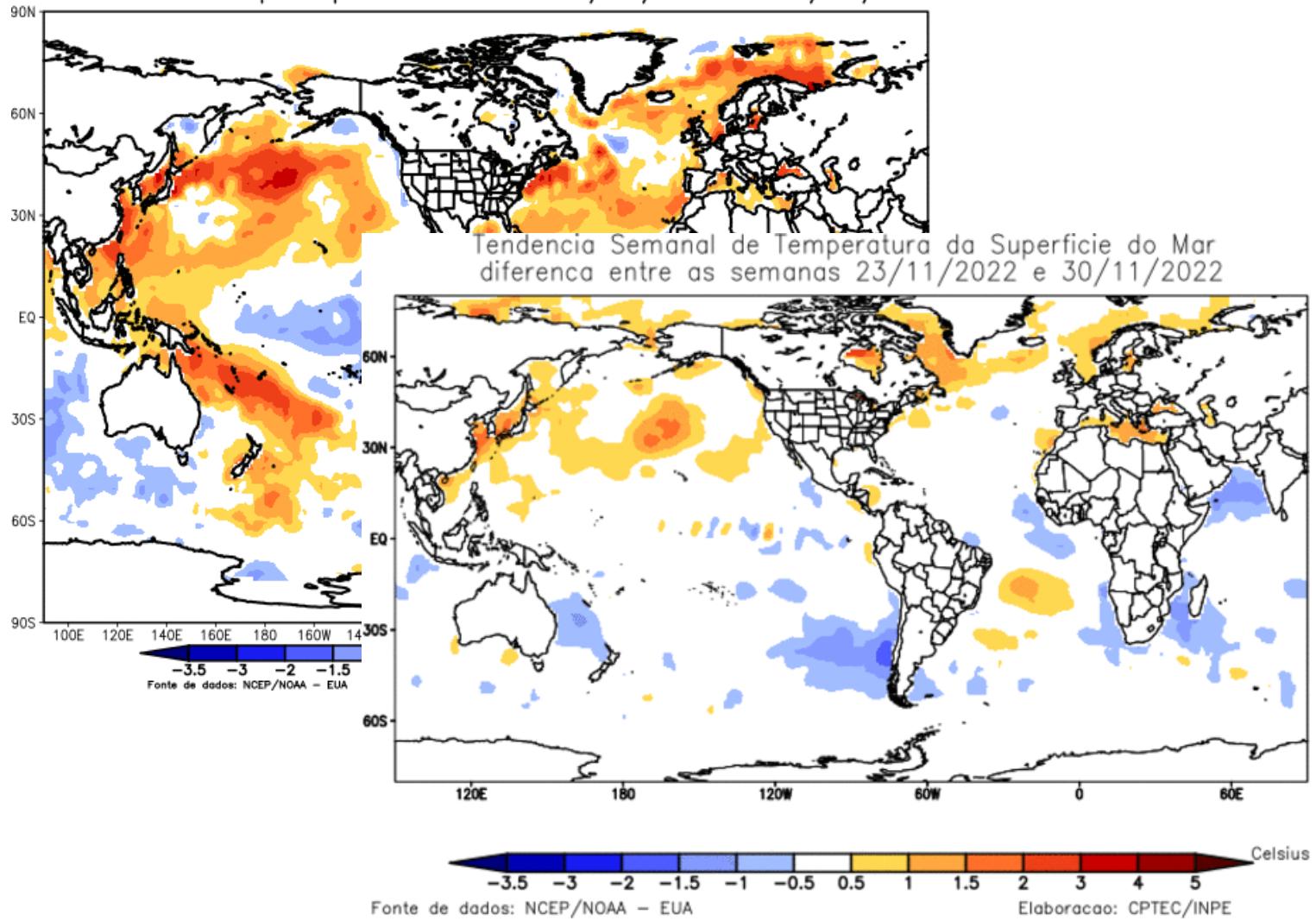
Condições oceânicas

Anomalia de Temp. Superfície do Mar 27/11/2022 a 03/12/2022

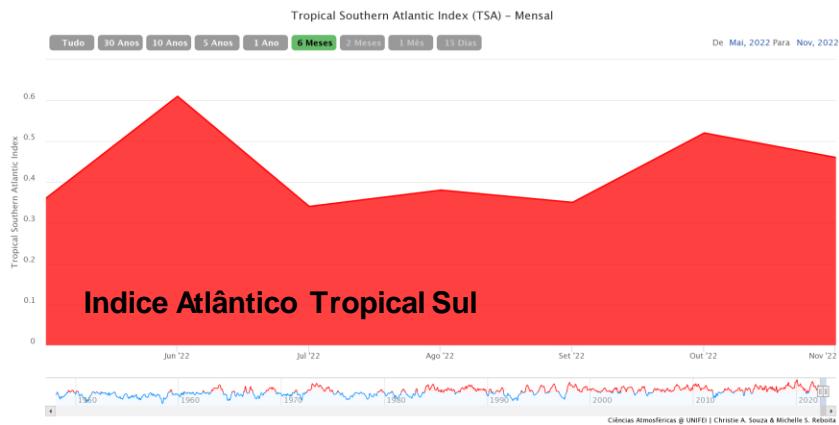


Condições oceânicas

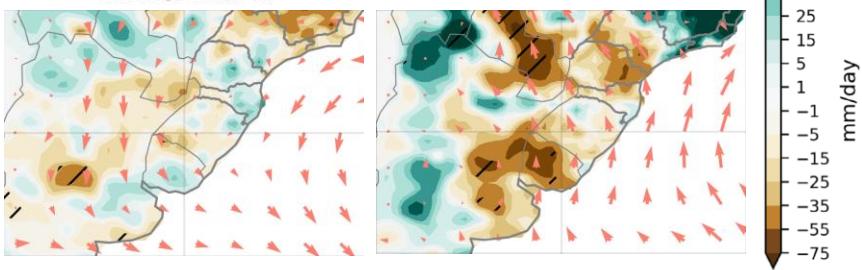
Anomalia de Temp. Superfície do Mar 27/11/2022 a 03/12/2022



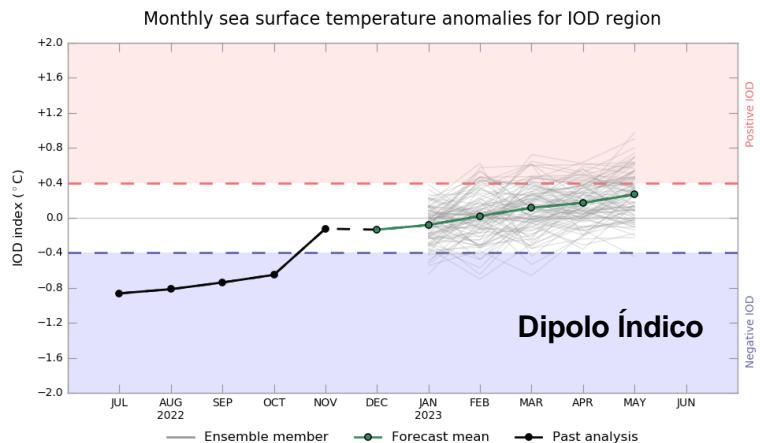
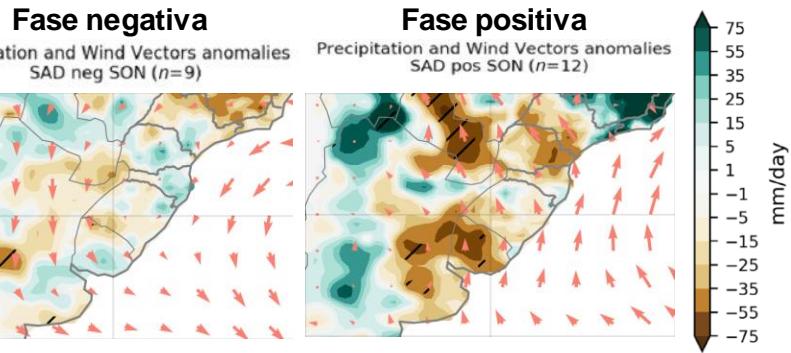
Índices oceânicos



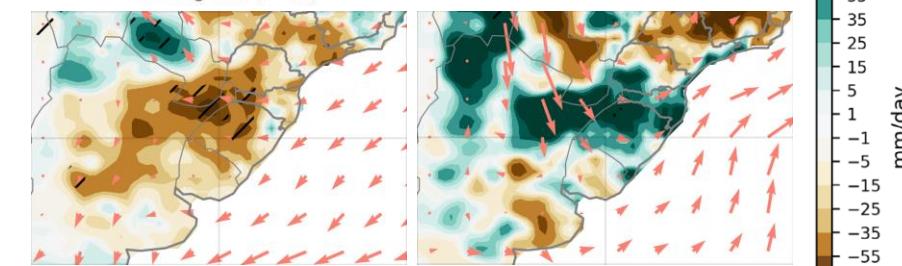
Fase negativa
Precipitation and Wind Vectors anomalies
SAD neg SON ($n=9$)



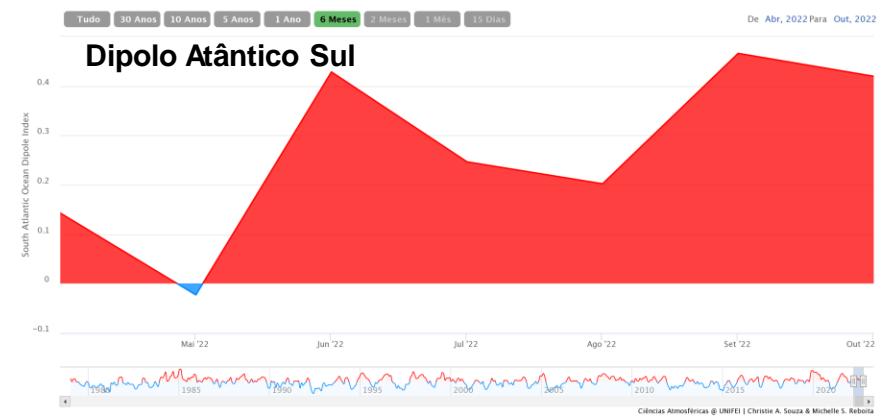
Precipitation and Wind Vectors anomalies
SAD pos SON ($n=12$)



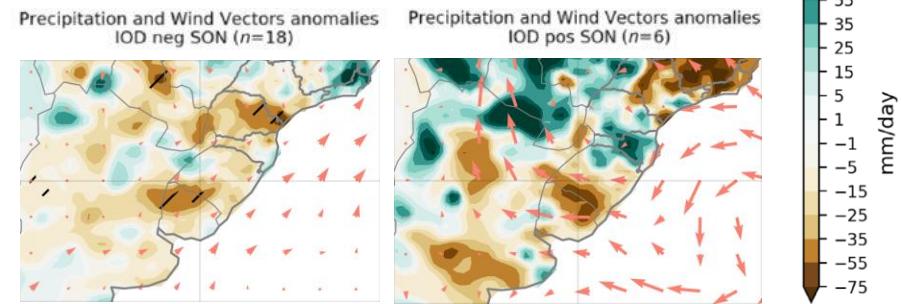
Fase negativa
Precipitation and Wind Vectors anomalies
TSA neg SON ($n=11$)



South Atlantic Ocean Dipole Index (SAODI) - Mensal

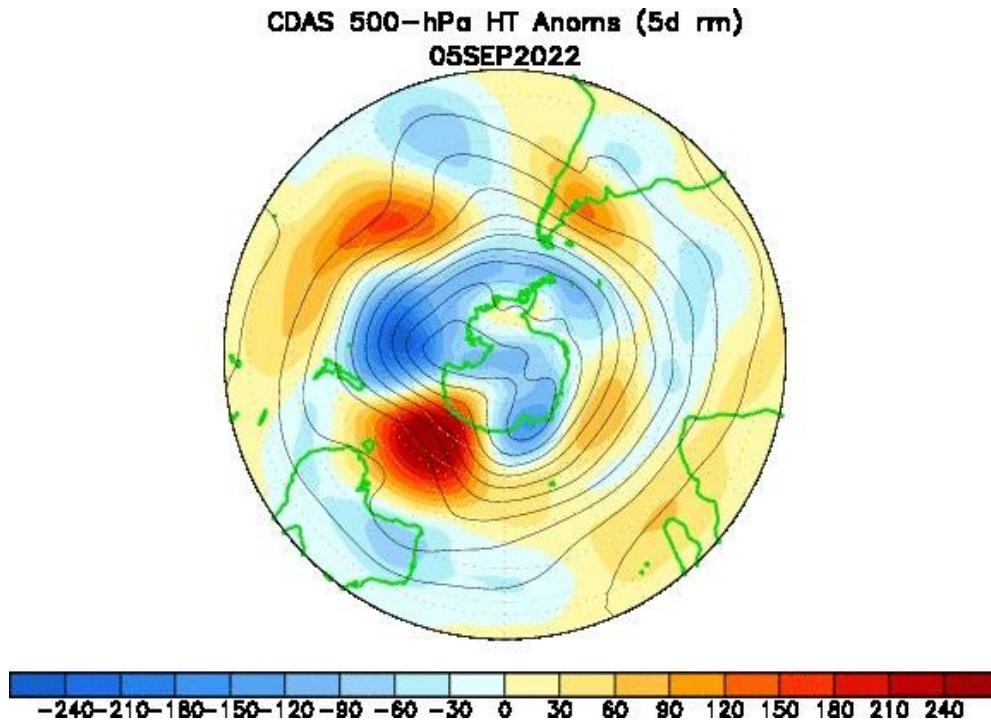


Fase negativa

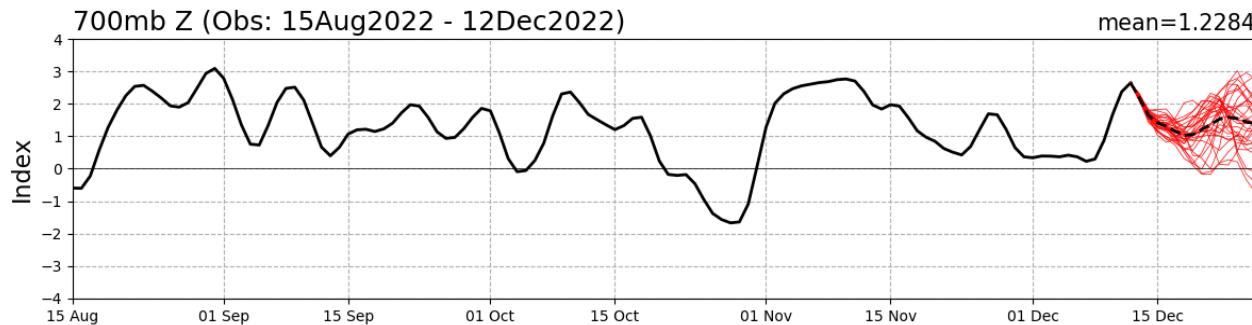


Precipitation and Wind Vectors anomalies
IOD neg SON ($n=18$)

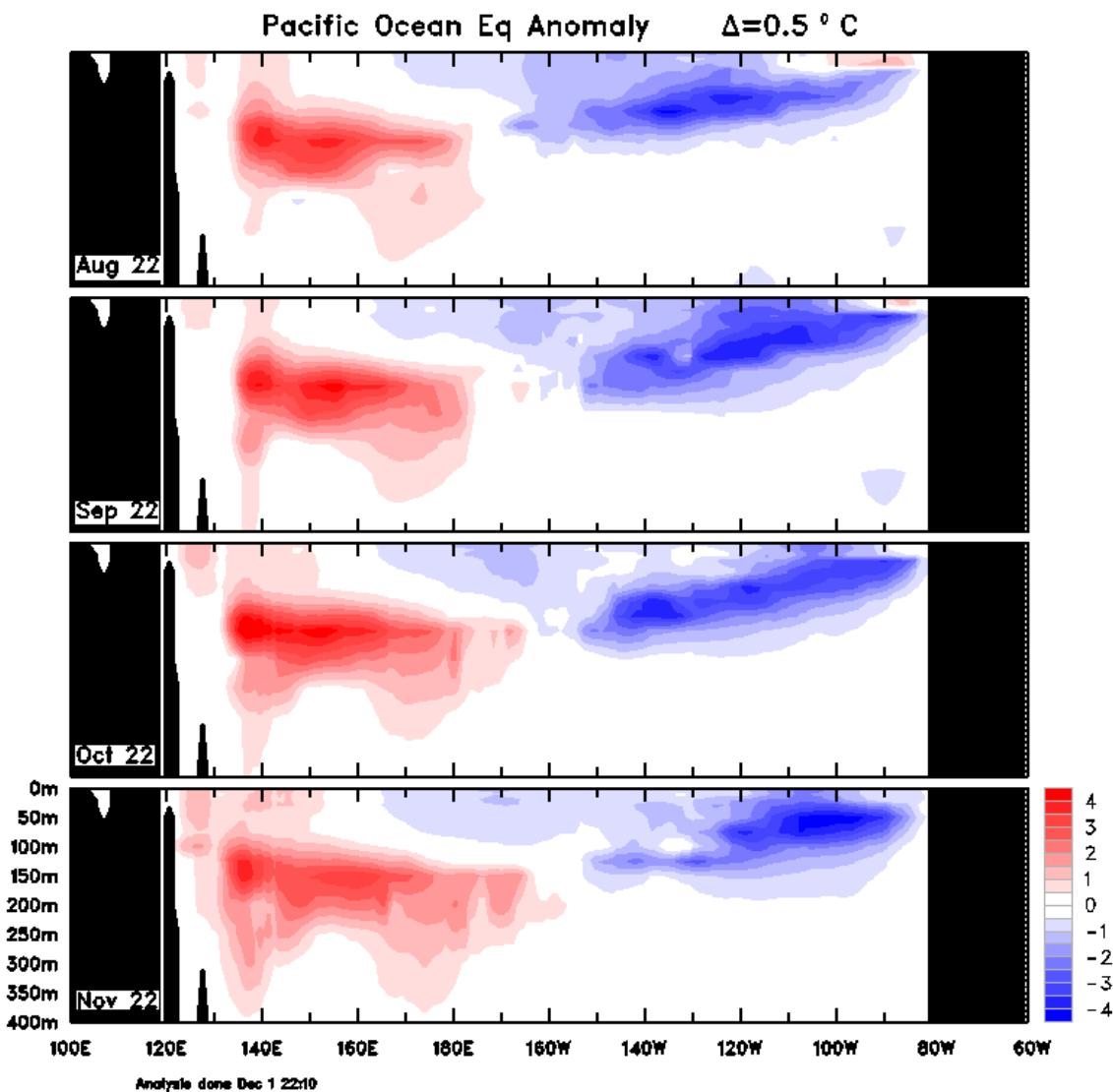
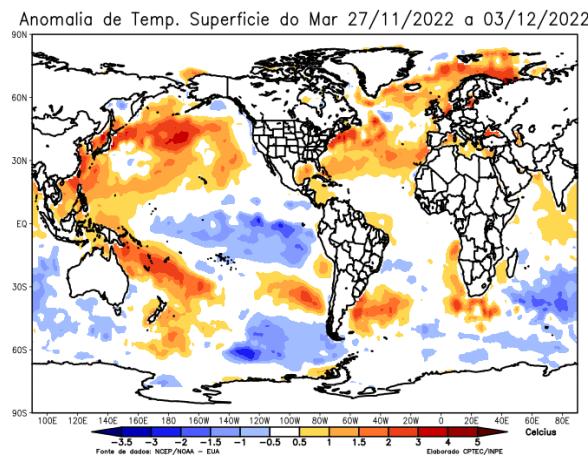
Índices atmosférico (AAO)



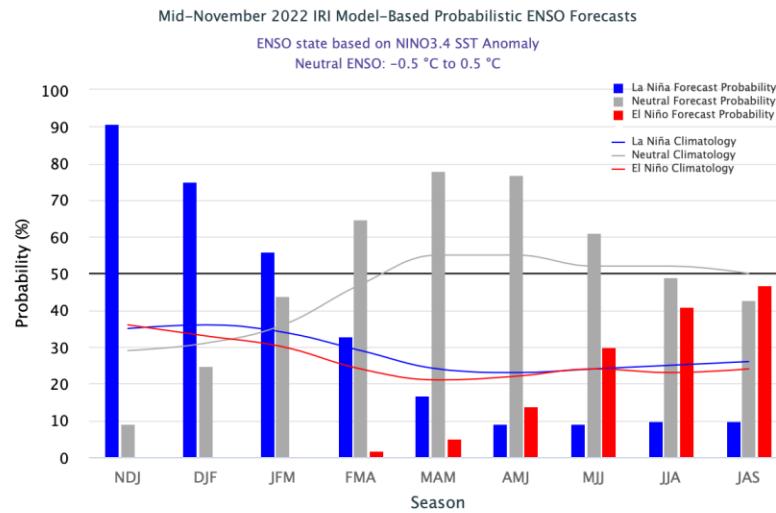
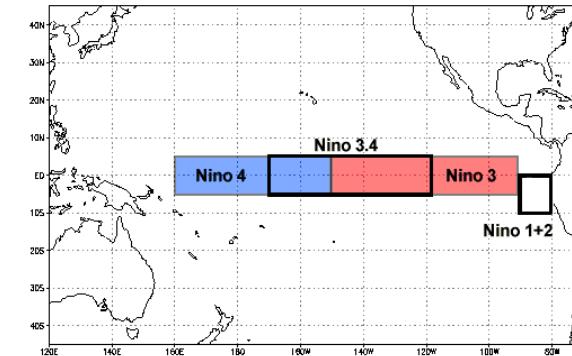
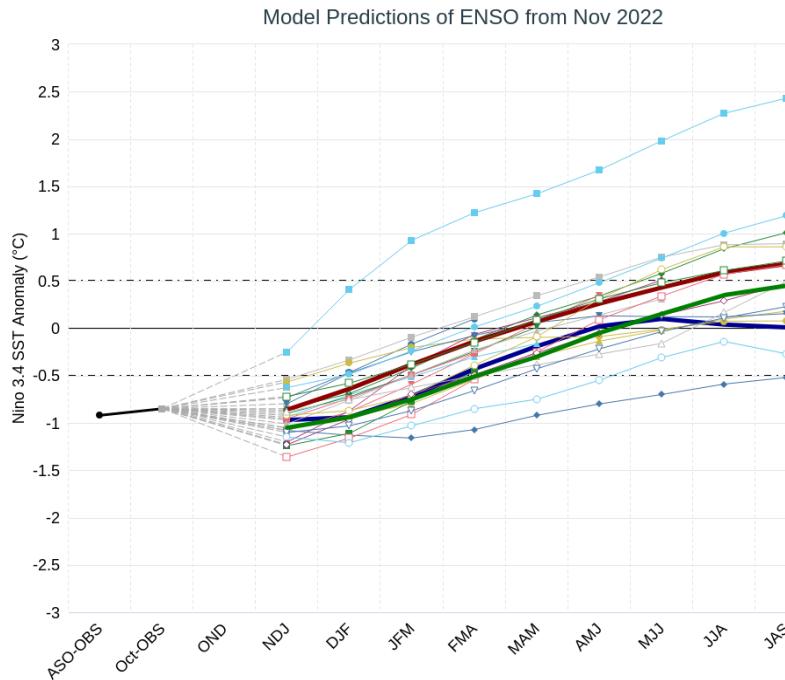
AAO Index: Observed & GEFS Forecasts



Condições oceânicas



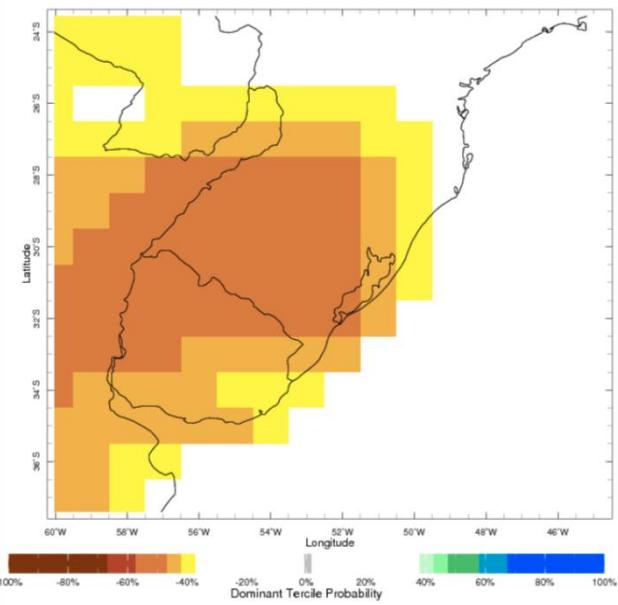
Previsões do ENOS



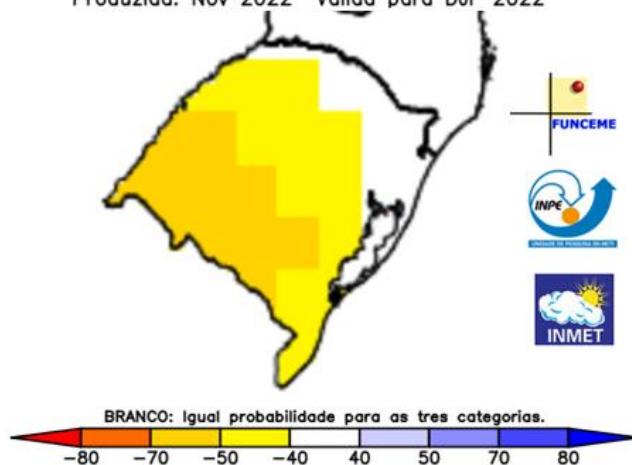
Previsões sazonais

Precipitação (probabilística)

Dec 2022 - Feb 2023 IRI Seasonal Precipitation Forecast issued Nov 2022

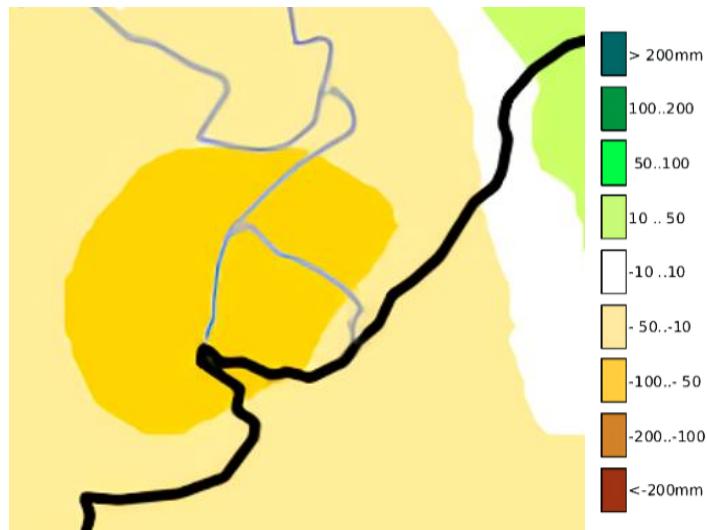
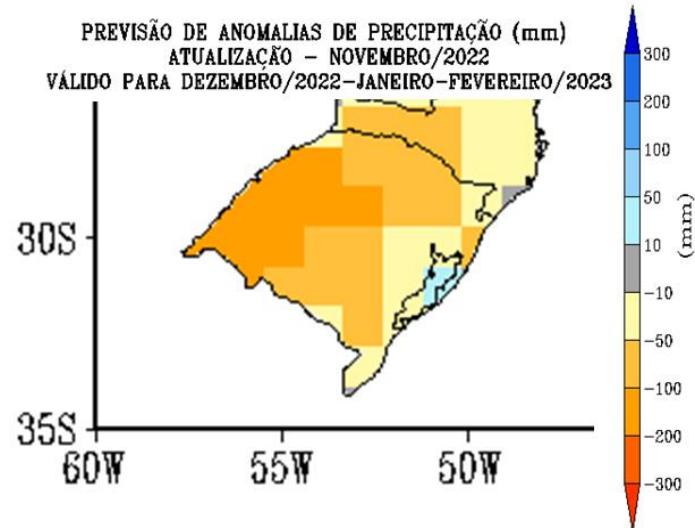


Multi-modelo CPTEC/INMET/FUNCENE
Probab. tercil mais provável: Precip. (%)
Produzida: Nov 2022 Valida para DJF 2022

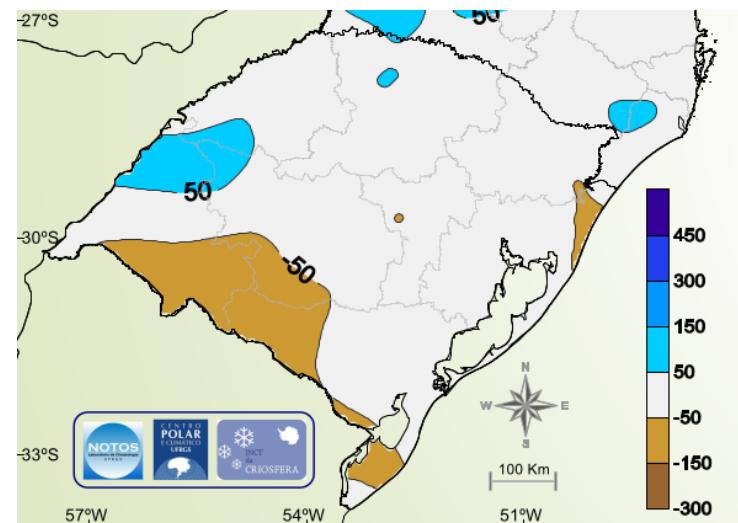


Previsões sazonais

Precipitação (mm)

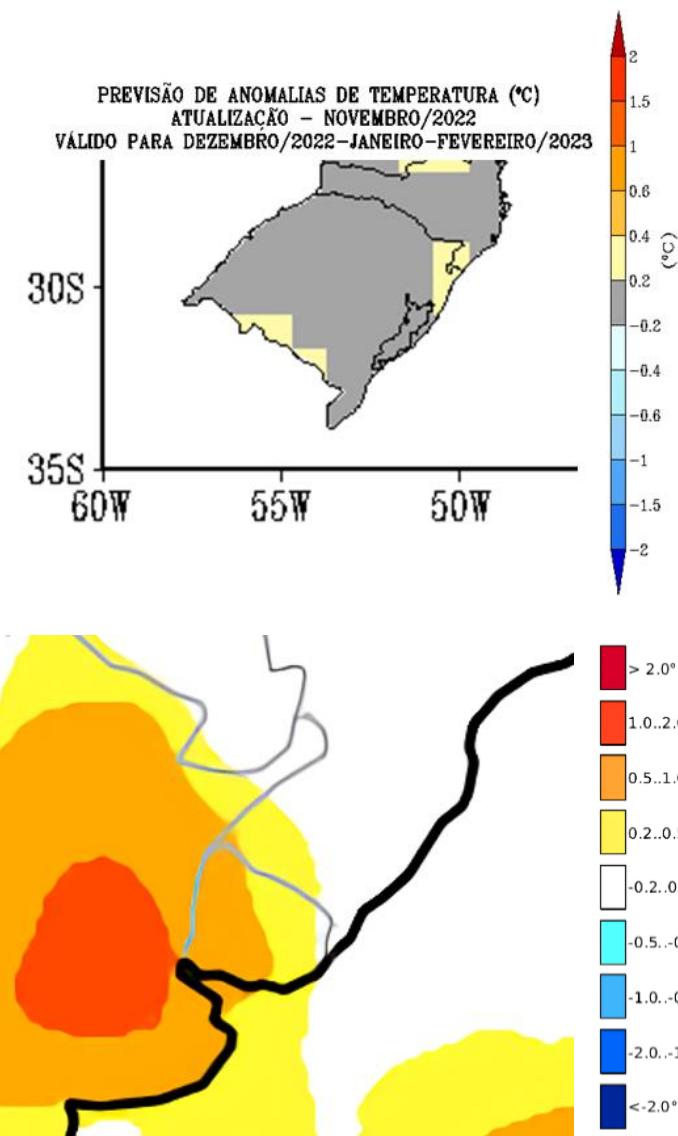


MoReClima-SUL



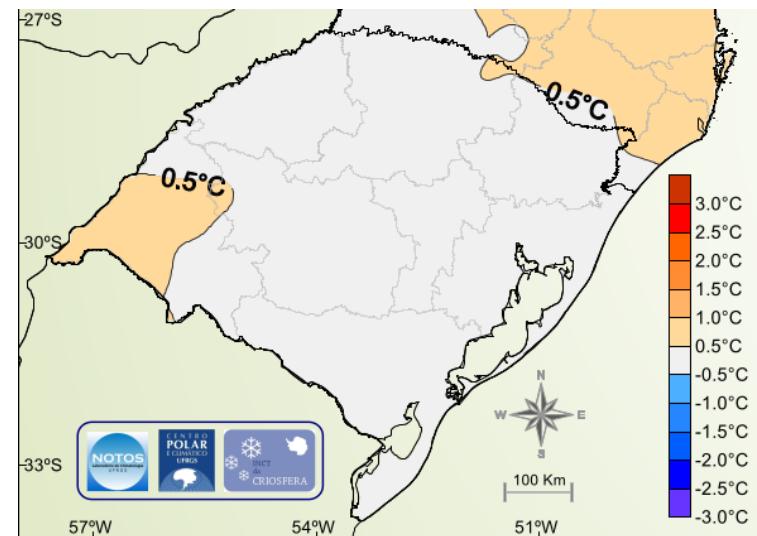
Previsões sazonais

Temperatura (°C)



C3S

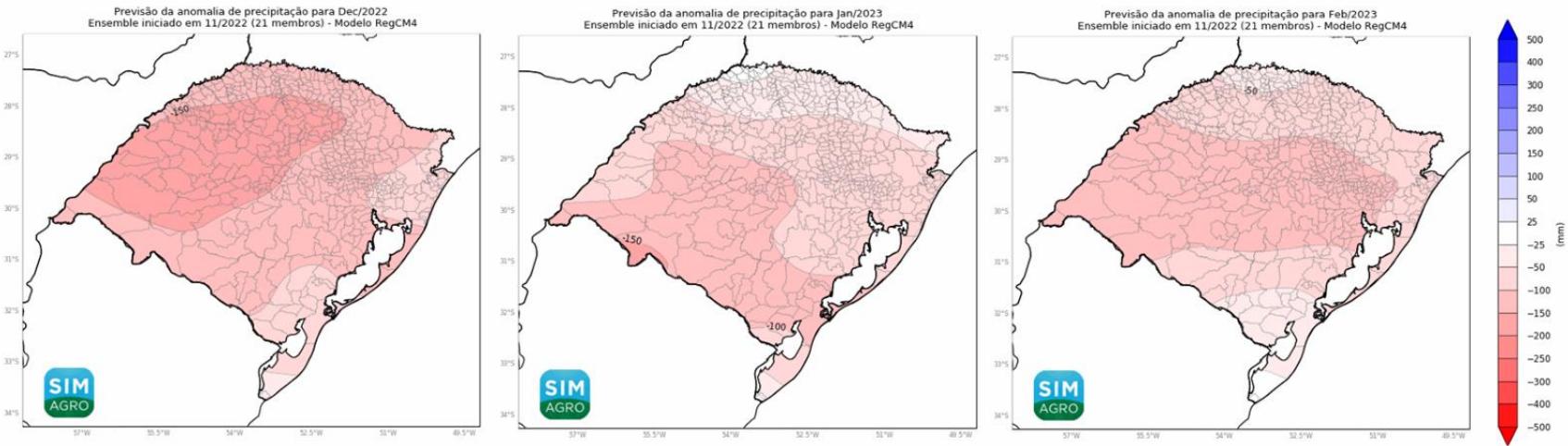
MoReClima-SUL



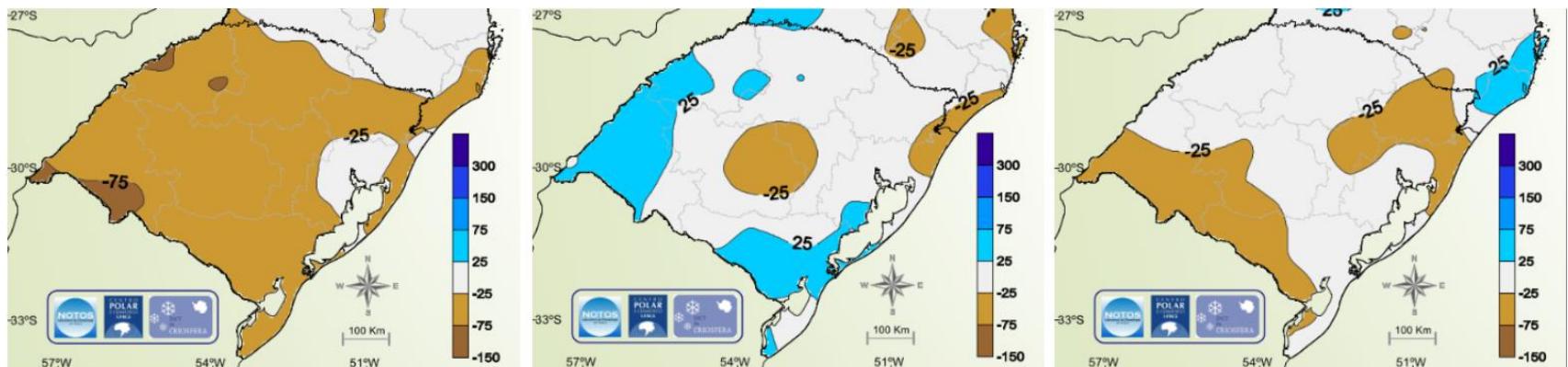
Previsões mensais

Precipitação (mm)

RegCM4

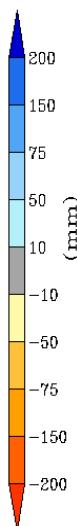
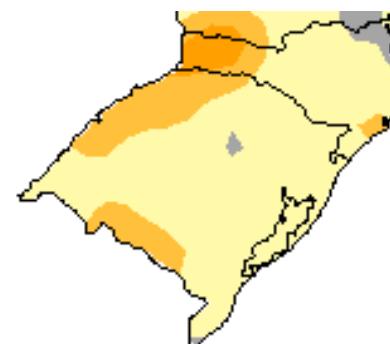
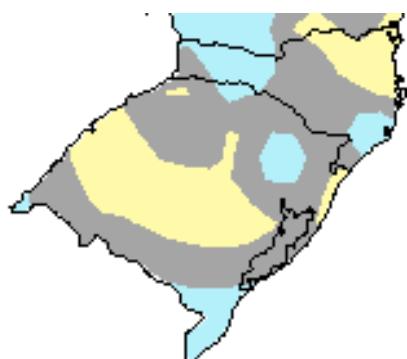
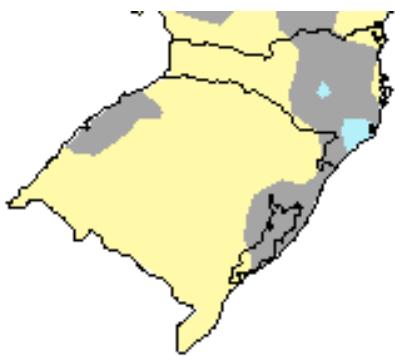


MoReClima-SUL

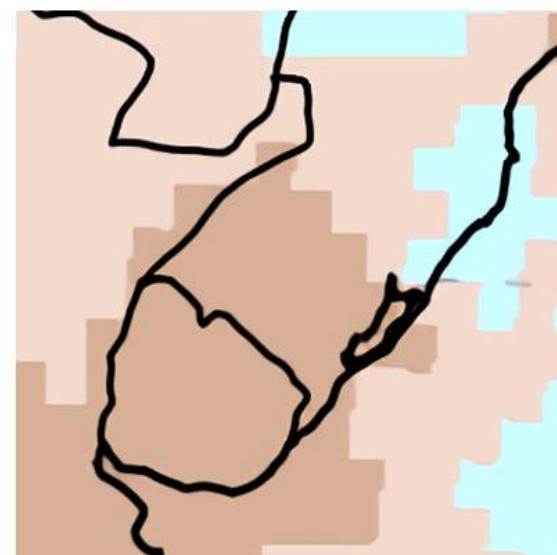
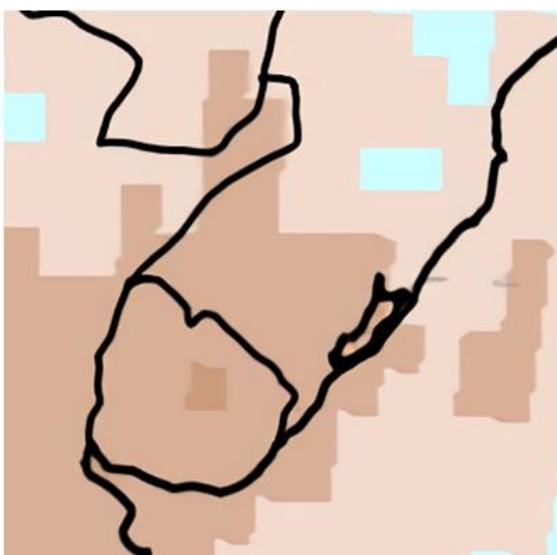
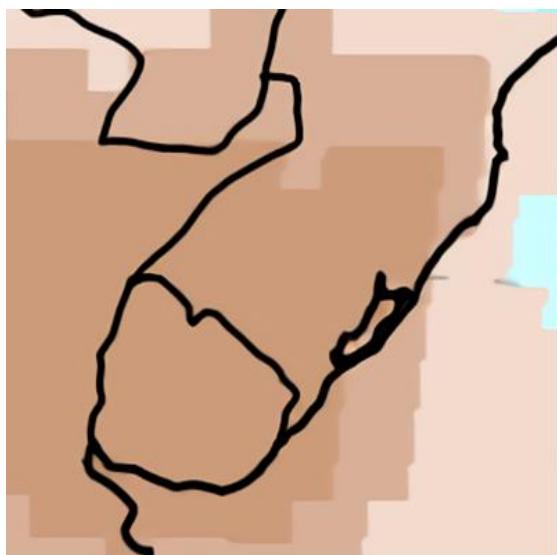


Previsões mensais- precipitação (mm)

INMET

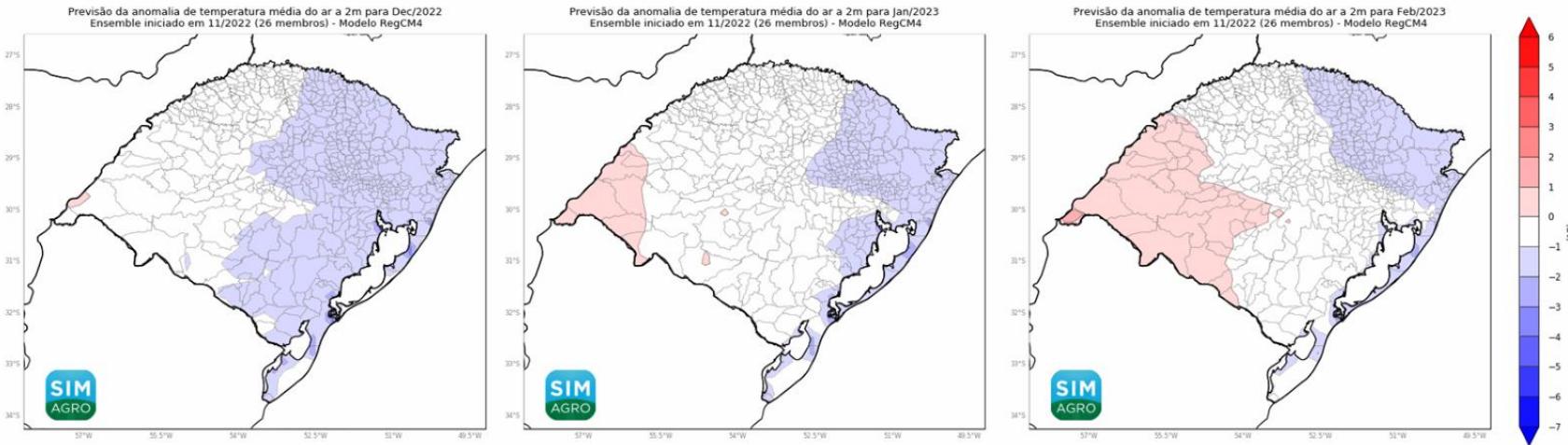


APCC

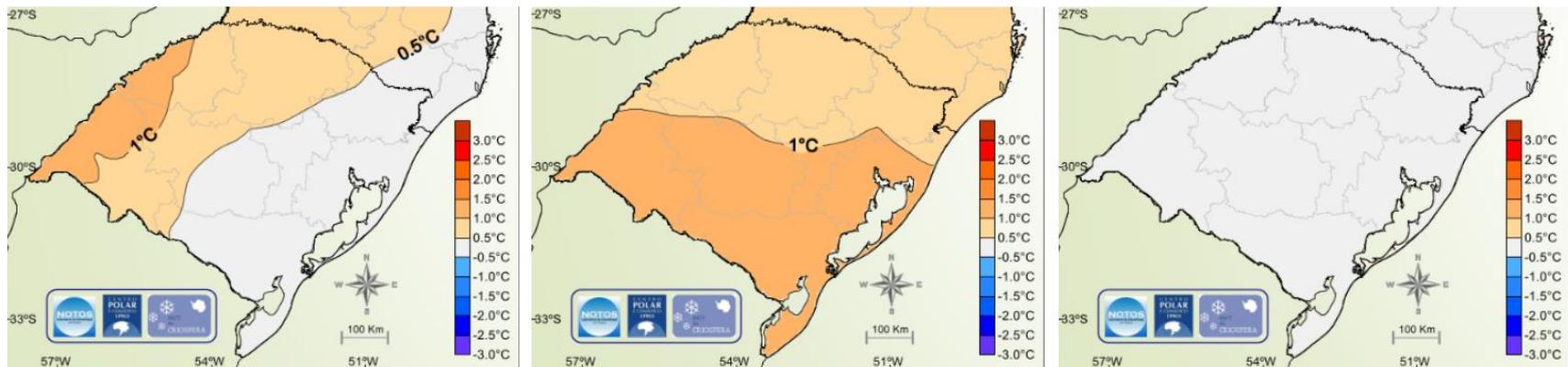


Previsões mensais – Temperatura (°C)

RegCM4

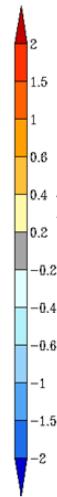
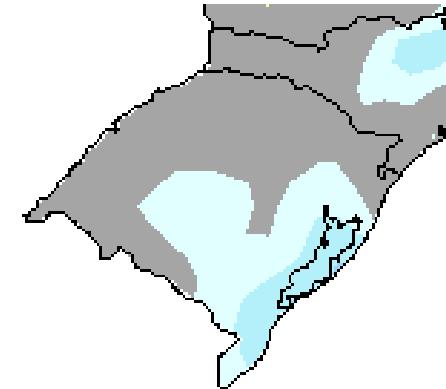
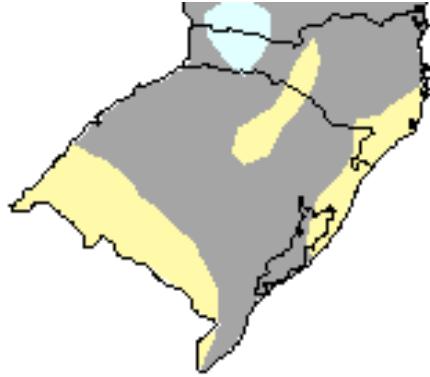
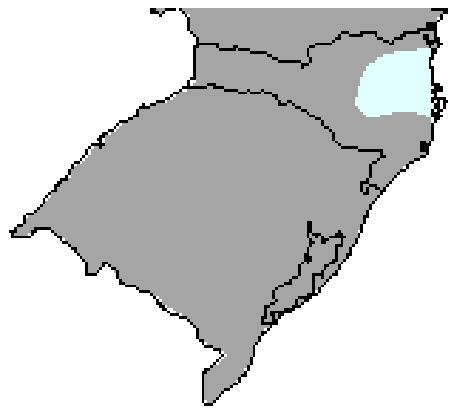


MoReClima-SUL

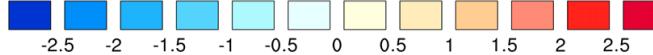
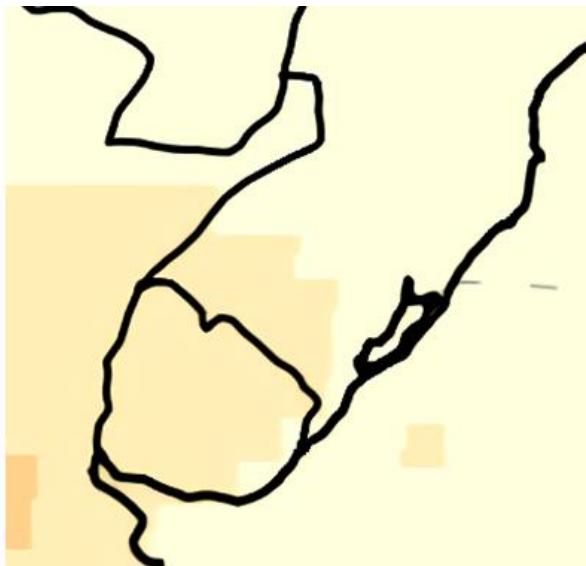
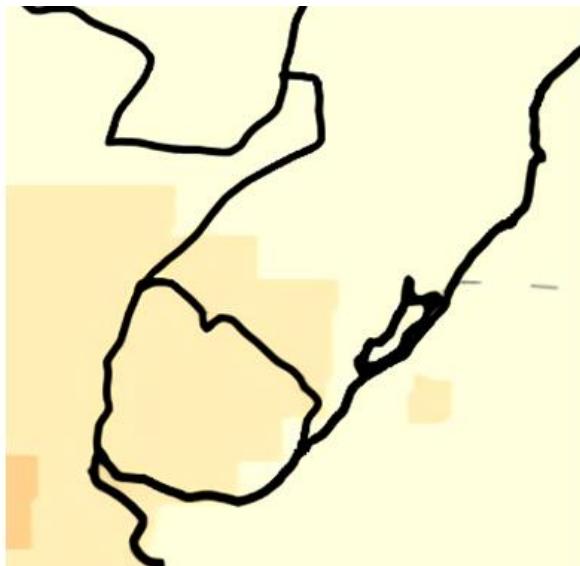
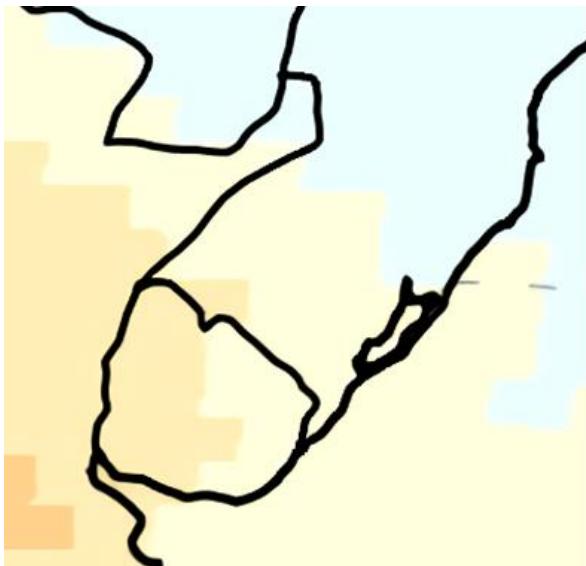


Previsões mensais – Temperatura (°C)

INMET

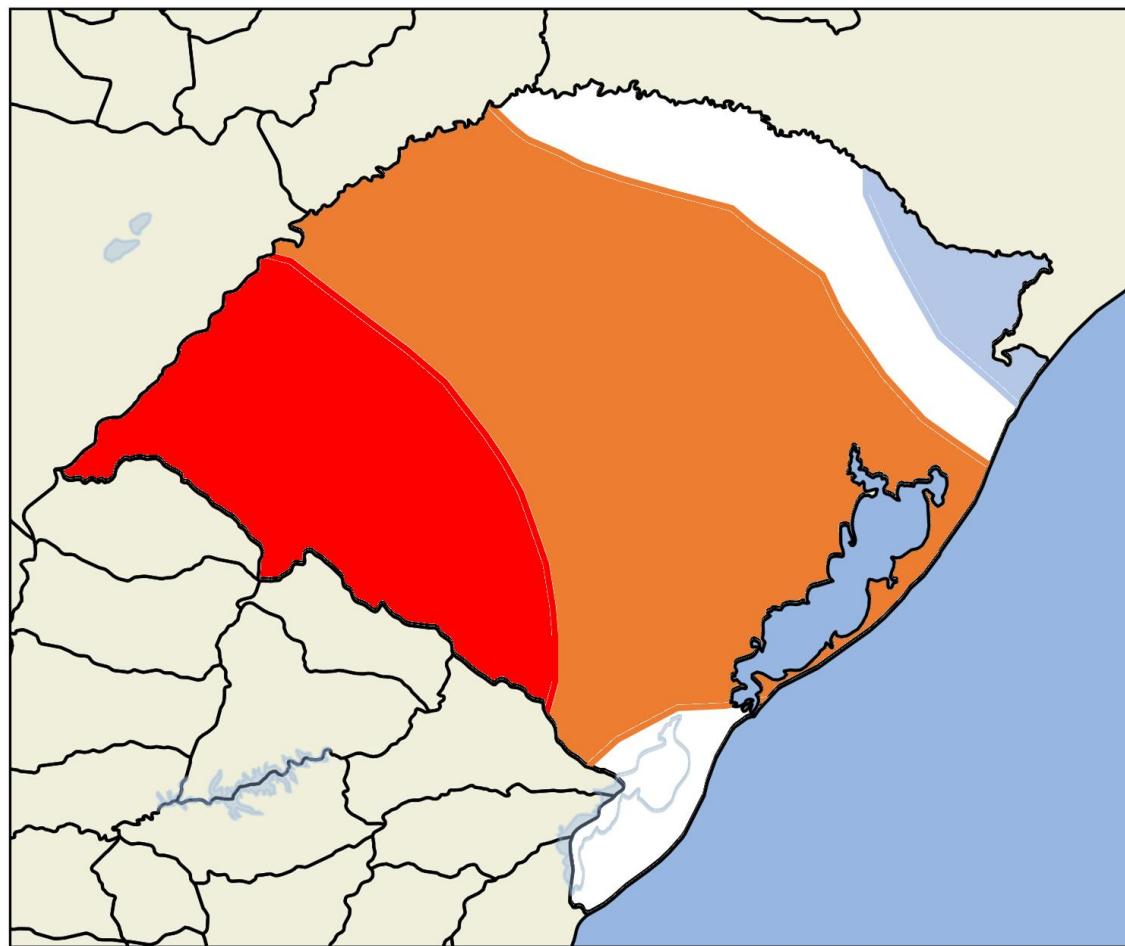


APCC



Previsão por consenso

Precipitação (DJF-2022/23)



- Alta probabilidade acima da Normal
- Baixa probabilidade acima da Normal
- Entorno da Normal
- Baixa probabilidade abaixo da Normal
- Alta probabilidade abaixo da Normal

Previsão por consenso

Temperatura (DJF-2022/23)

