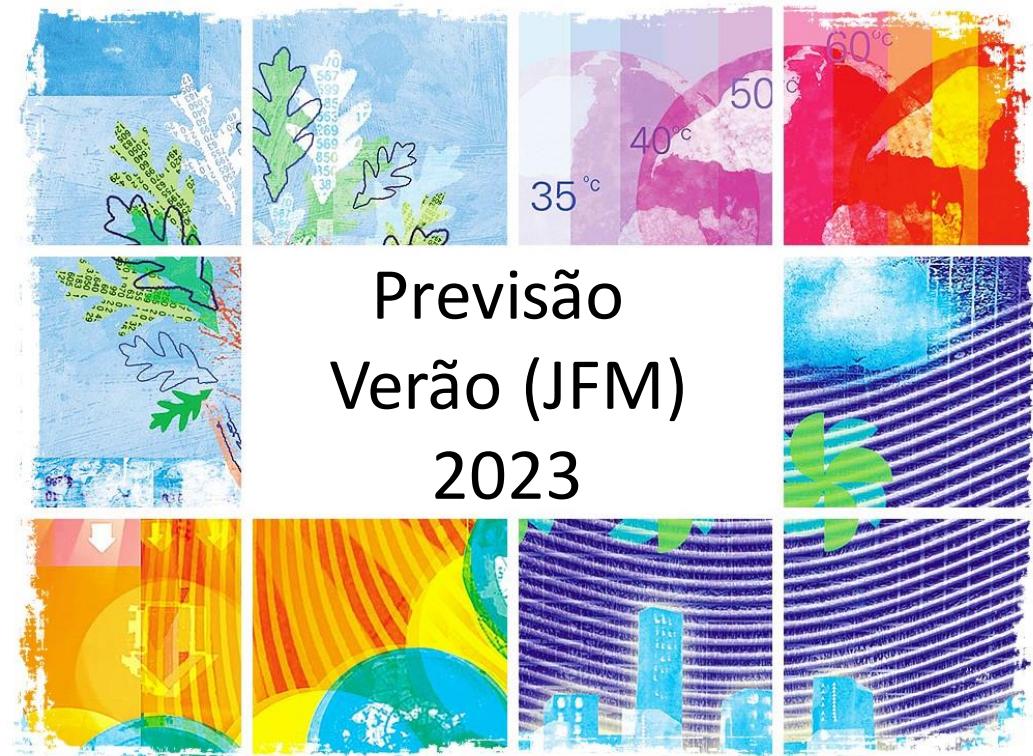


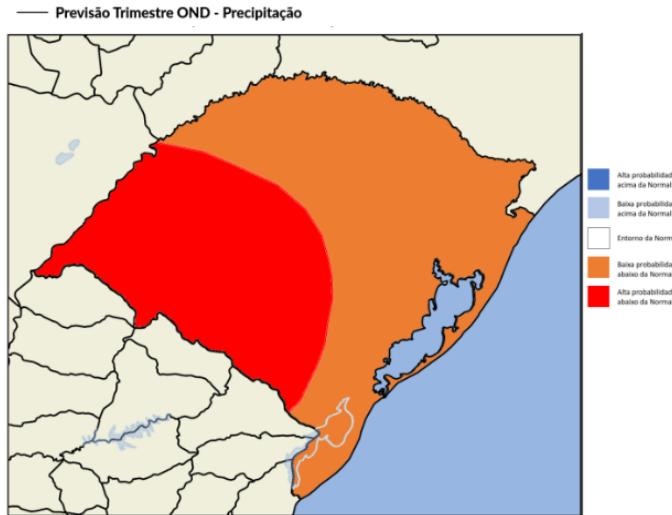
V Reunião Climática Mensal



Verificação da previsão para OND

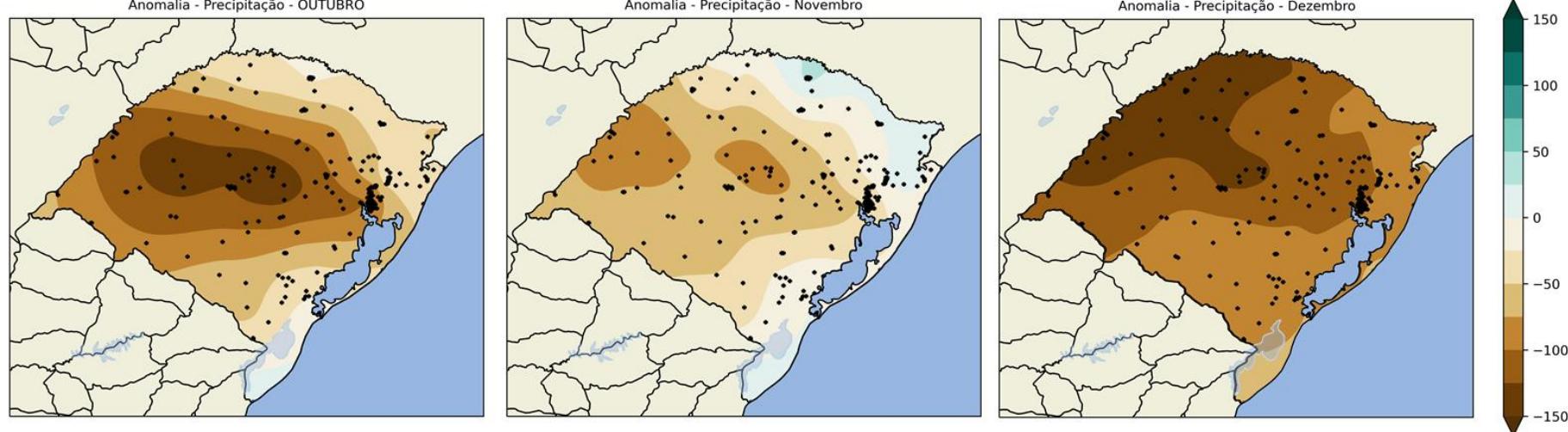
Previsão por consenso realizada em Setembro de 2022

Precipitação



Previsto:

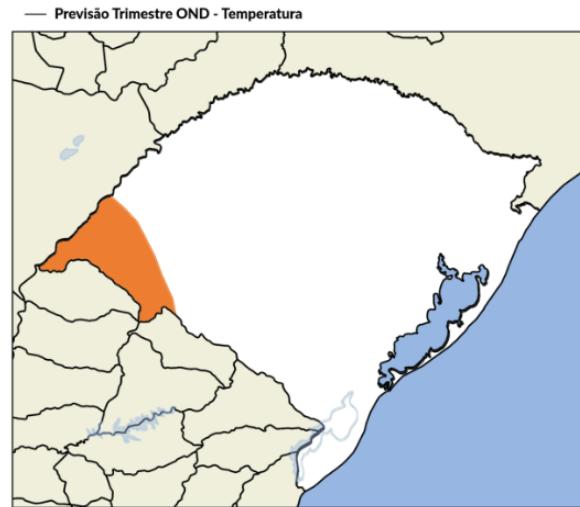
Observado:



Verificação da previsão para OND

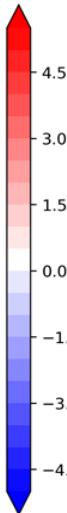
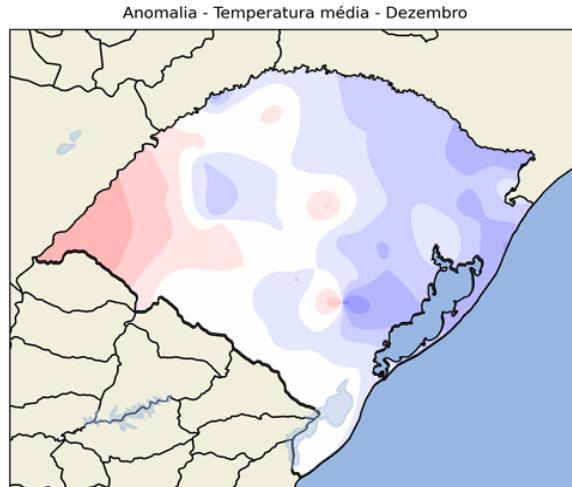
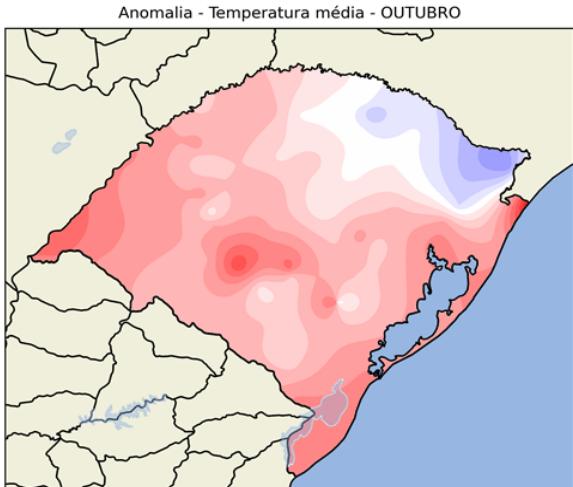
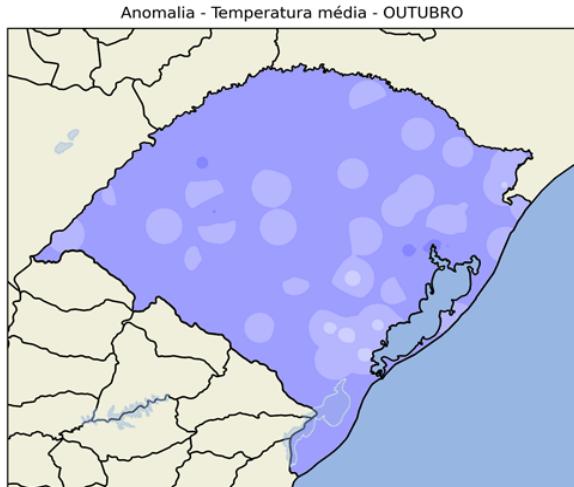
Previsão por consenso realizada em Setembro de 2022

Temperatura do ar



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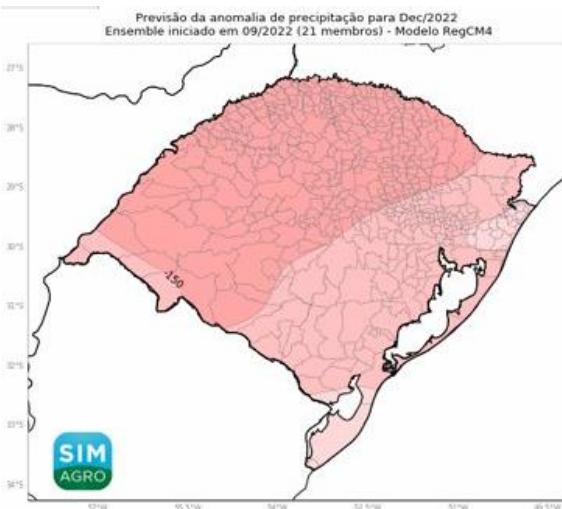
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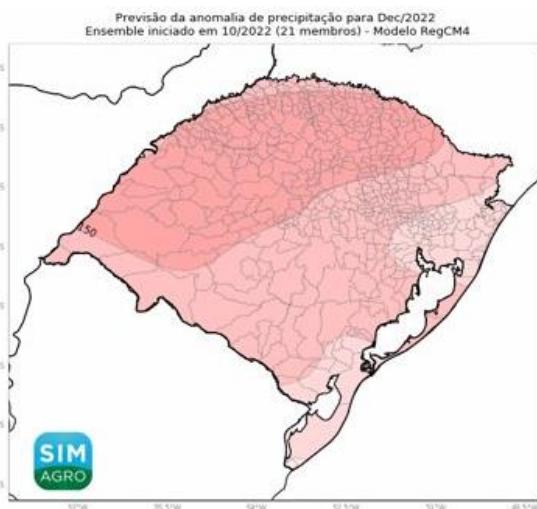
Verificação dos modelos por tempo de antecedência

Anomalia de Precipitação RegCM4 do SIMAGRO (Dezembro/2022)

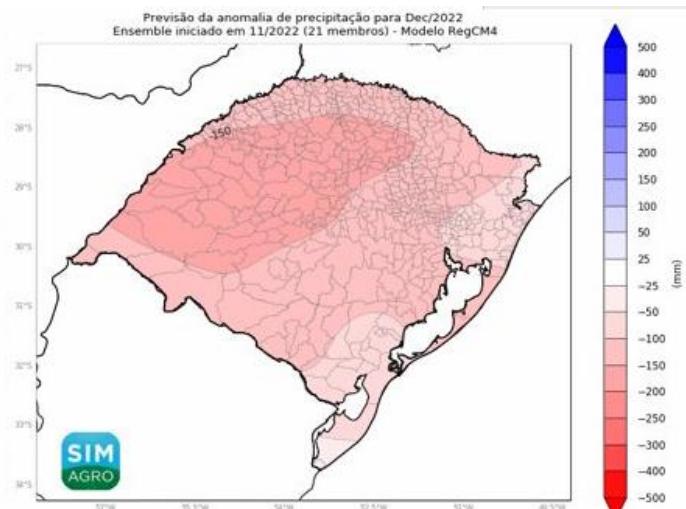
Iniciado em Setembro/2022



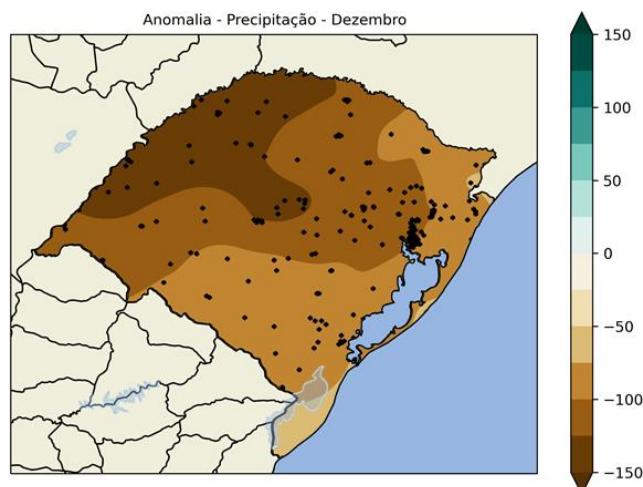
Iniciado em Outubro/2022



Iniciado em Novembro/2022



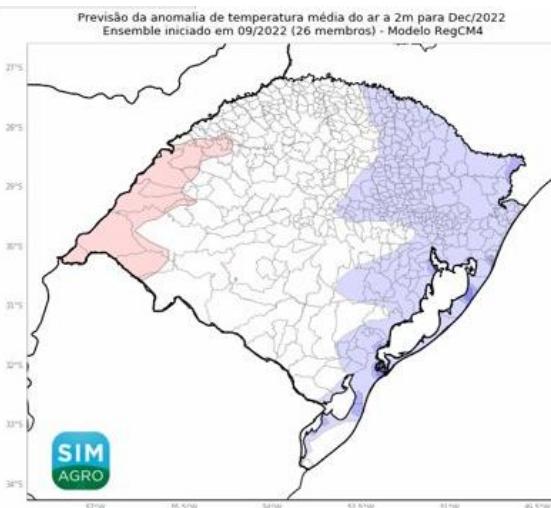
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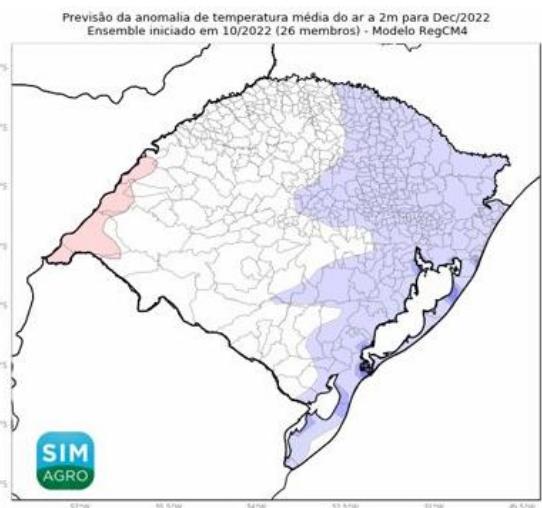
Verificação dos modelos por tempo de antecedência

Anomalia de Temperatura RegCM4 do SIMAGRO (Dezembro/2022)

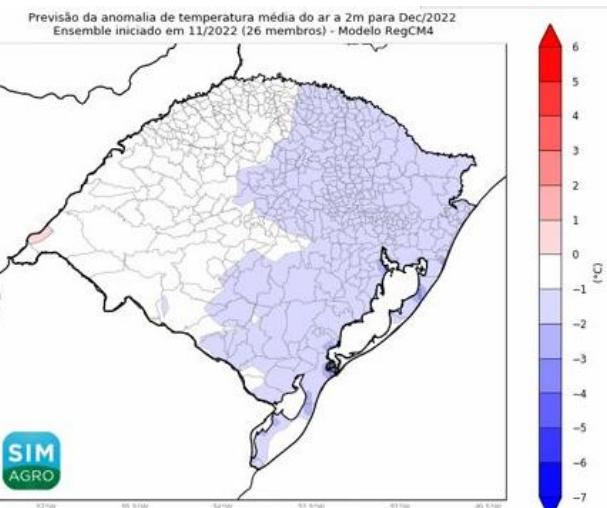
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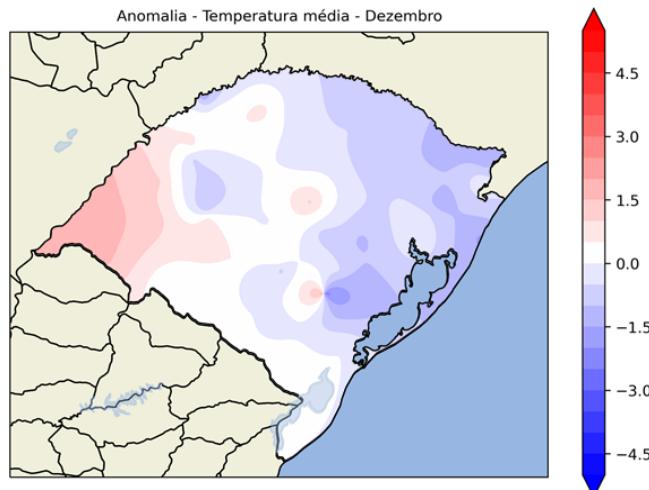
Iniciado em Outubro/2022



Iniciado em Novembro/2022



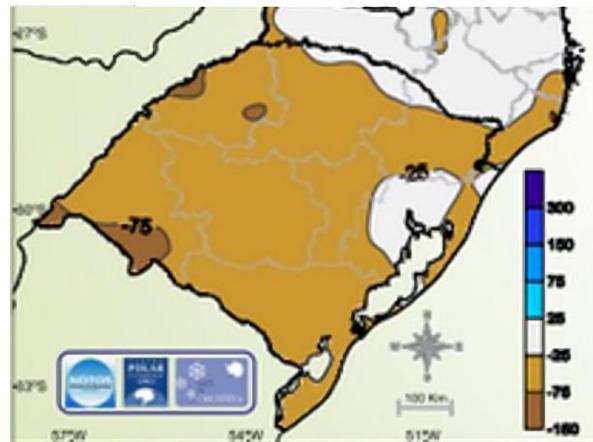
Observado:



Verificação dos modelos por tempo de antecedência

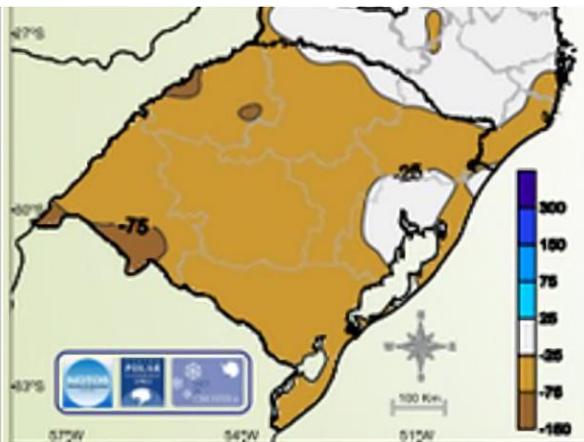
Anomalia de Precipitação MoReClima-SUL (Dezembro/2022)

Iniciado em Setembro/2022



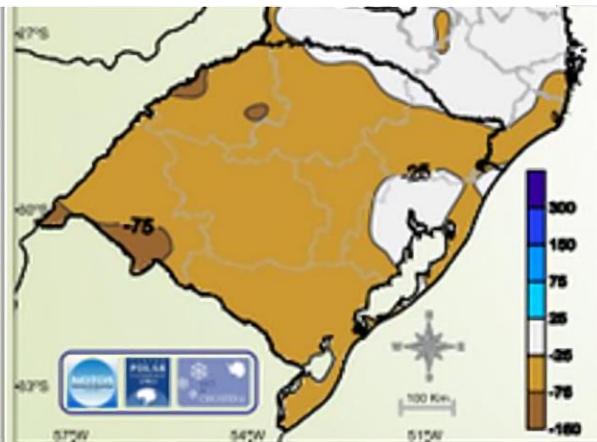
Desvio em milímetros (mm)
(Climatologia GPCC – 1981-2010)

Iniciado em Outubro/2022



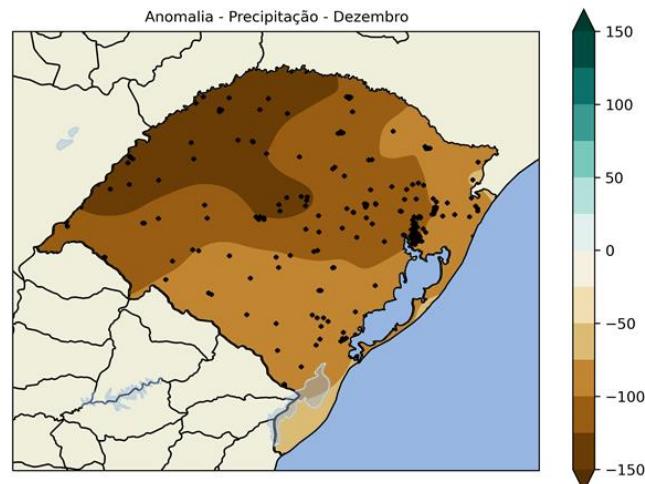
Desvio em milímetros (mm)
(Climatologia GPCC – 1981-2010)

Iniciado em Novembro/2022



Desvio em milímetros (mm)
(Climatologia GPCC – 1981-2010)

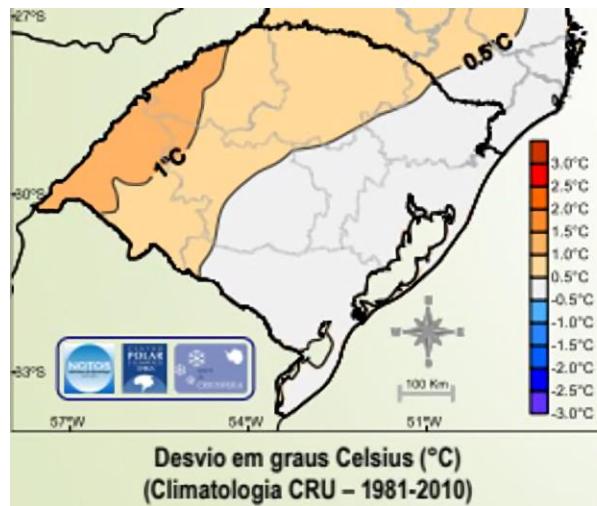
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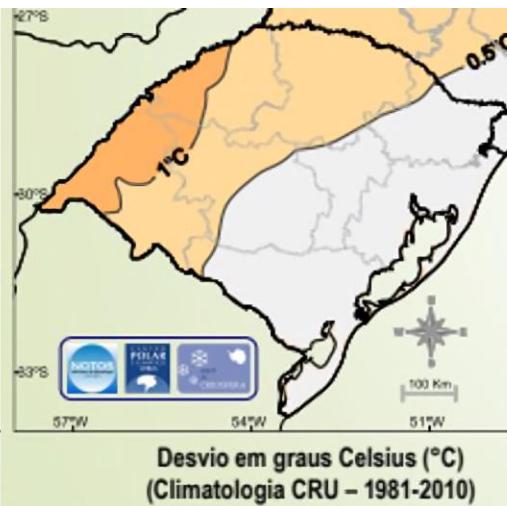
Verificação dos modelos por tempo de antecedência

Anomalia de Temperatura MoReClima-SUL (Dezembro/2022)

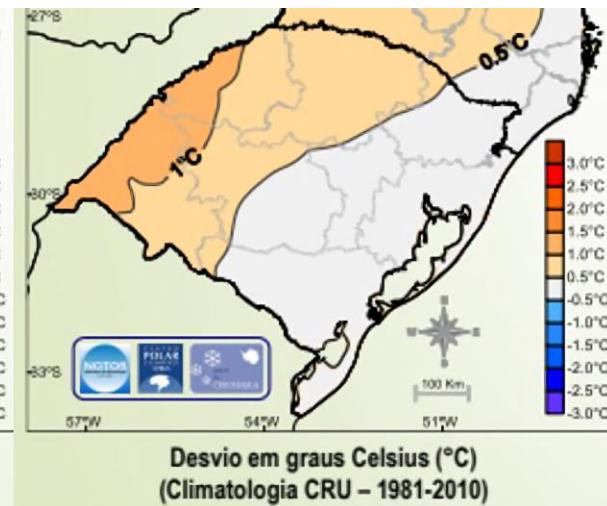
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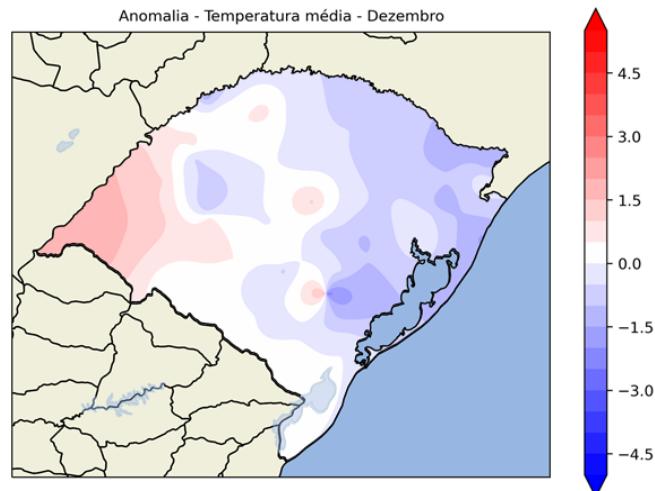
Iniciado em Outubro/2022



Iniciado em Novembro/2022

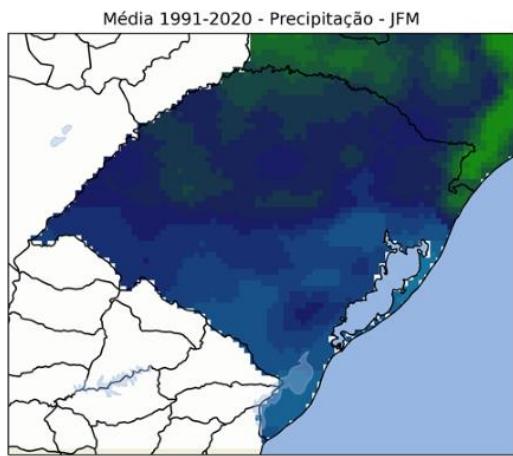


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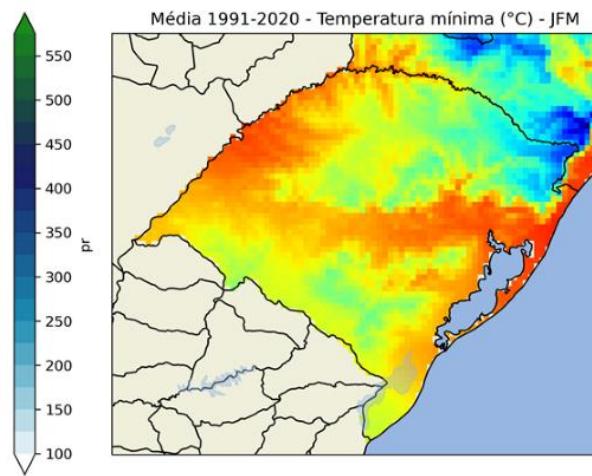


Climatologia de JFM

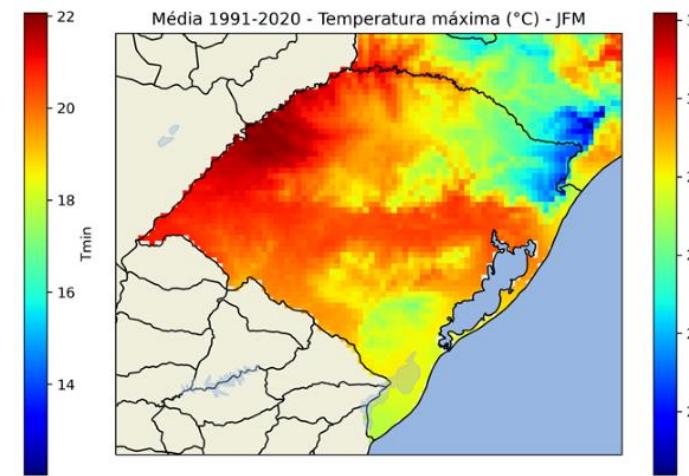
- Caracterizada por um contraste de chuva entre o centro-sul do RS, mais seco e o centro-norte do estado, relativamente mais úmido. Maiores acumulados no norte e litoral-norte do estado.
- As médias de temperatura mínima e máxima são mais altas no noroeste do RS e na faixa central do estado até o litoral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



Precipitação



Temperatura mínima



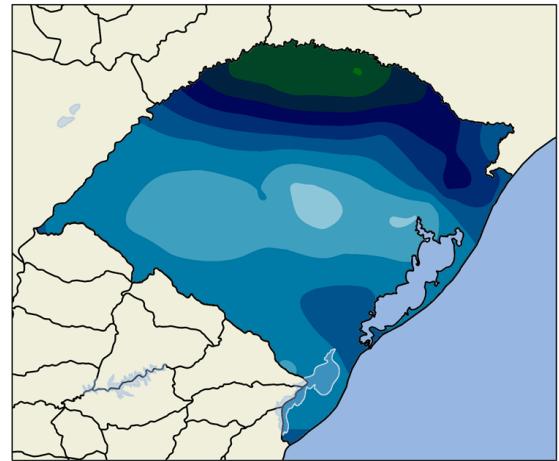
Temperatura máxima

Condições observadas em OND/2022

Valores absolutos

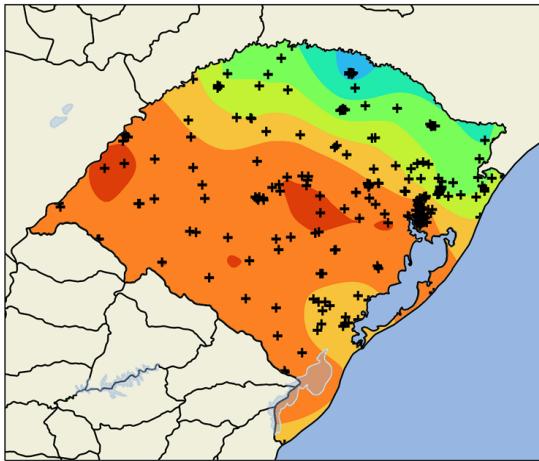
Outubro

Precipitação acumulada - OUTUBRO 2022



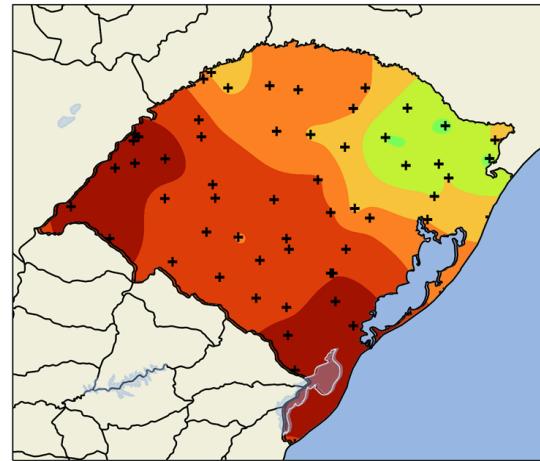
Novembro

Precipitação acumulada - NOVEMBRO 2022



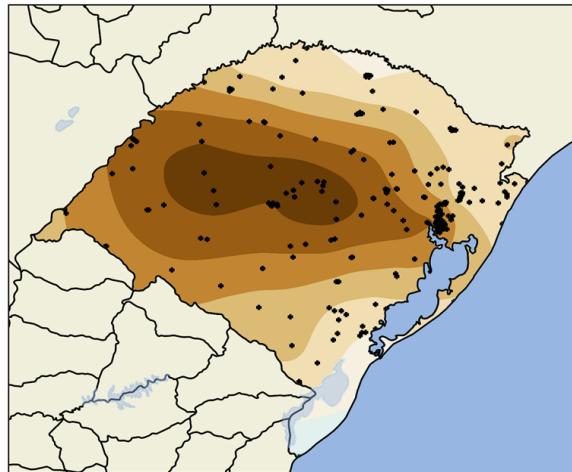
Dezembro

Precipitação acumulada - DEZEMBRO 2022

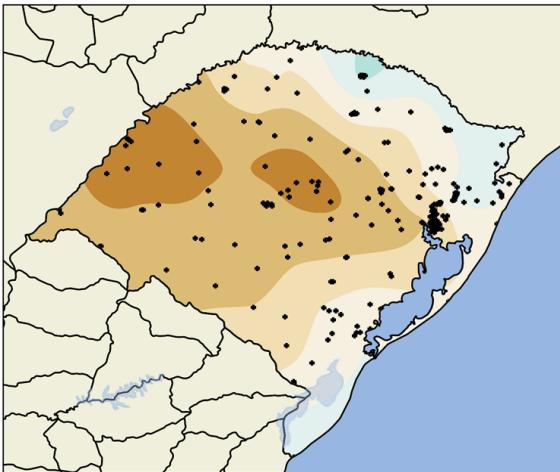


Anomalias

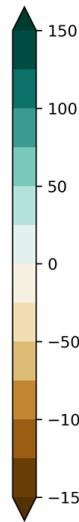
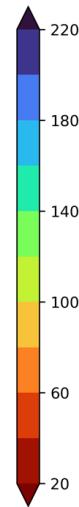
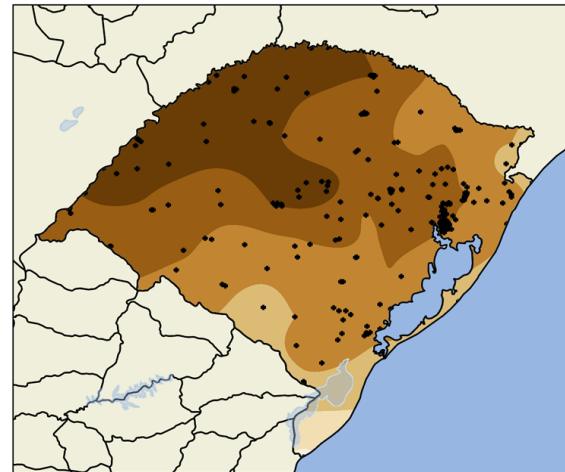
Anomalia - Precipitação - OUTUBRO



Anomalia - Precipitação - Novembro

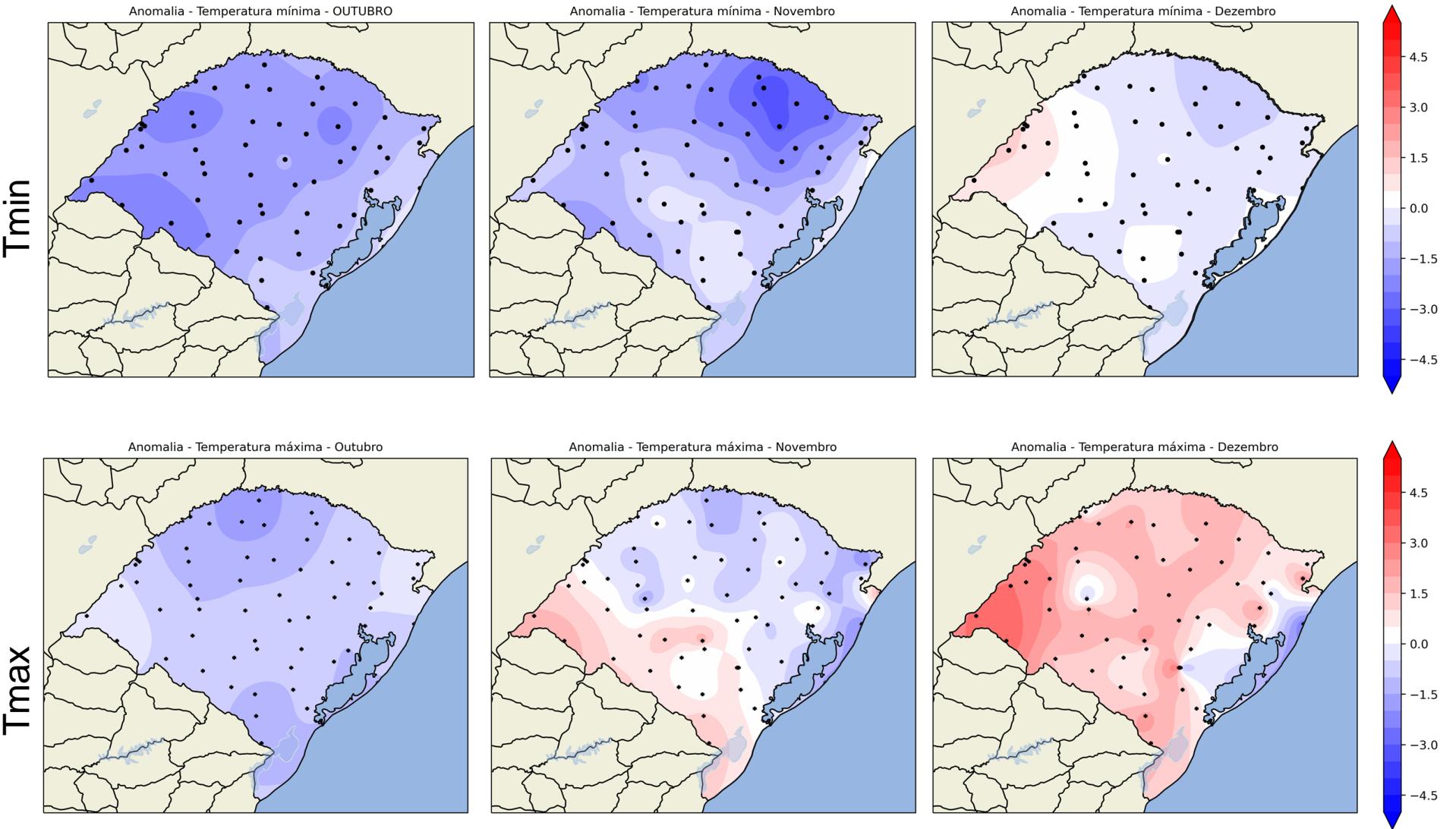


Anomalia - Precipitação - Dezembro



Condições observadas em OND/2022

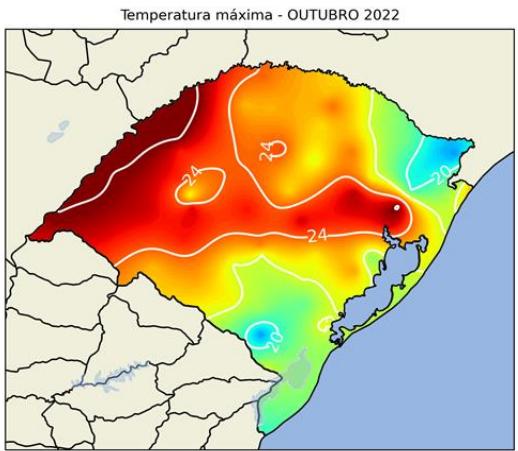
Anomalias



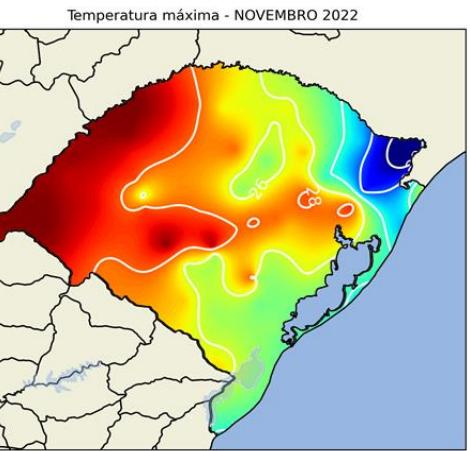
Condições observadas em OND/2022

Tmax

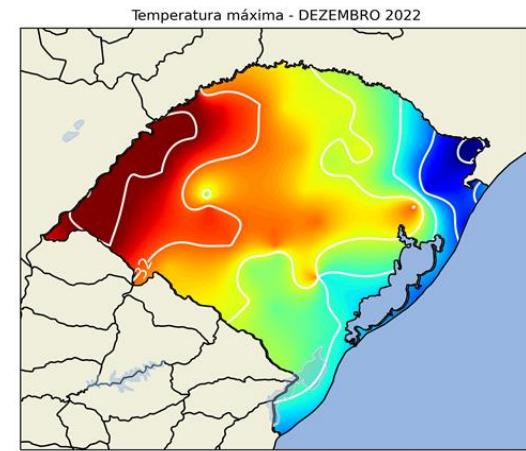
Setembro



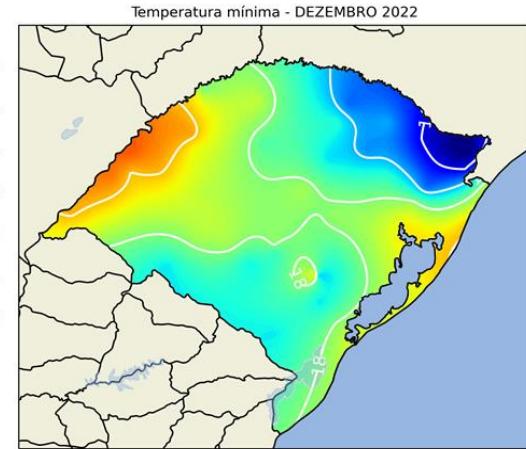
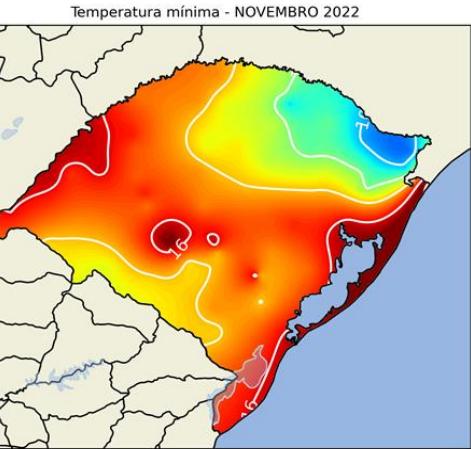
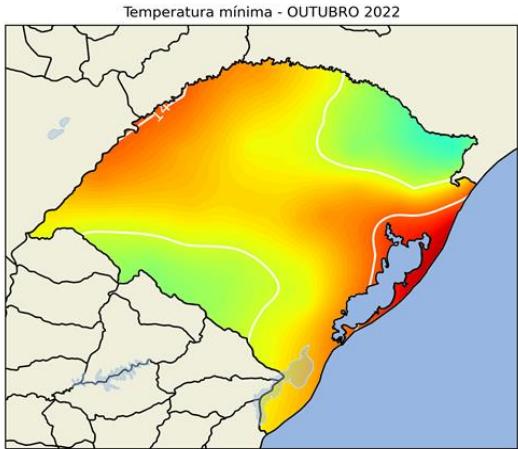
Outubro



Novembro

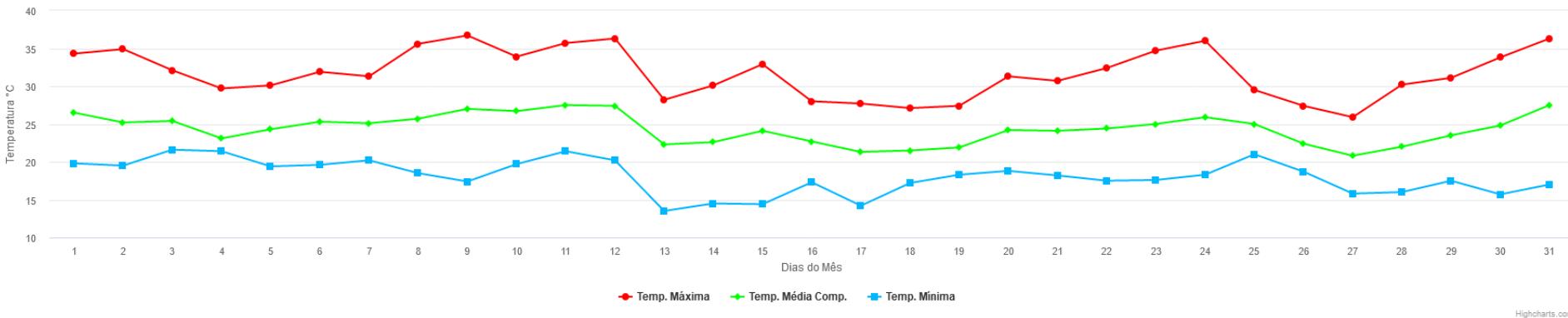


Tmin

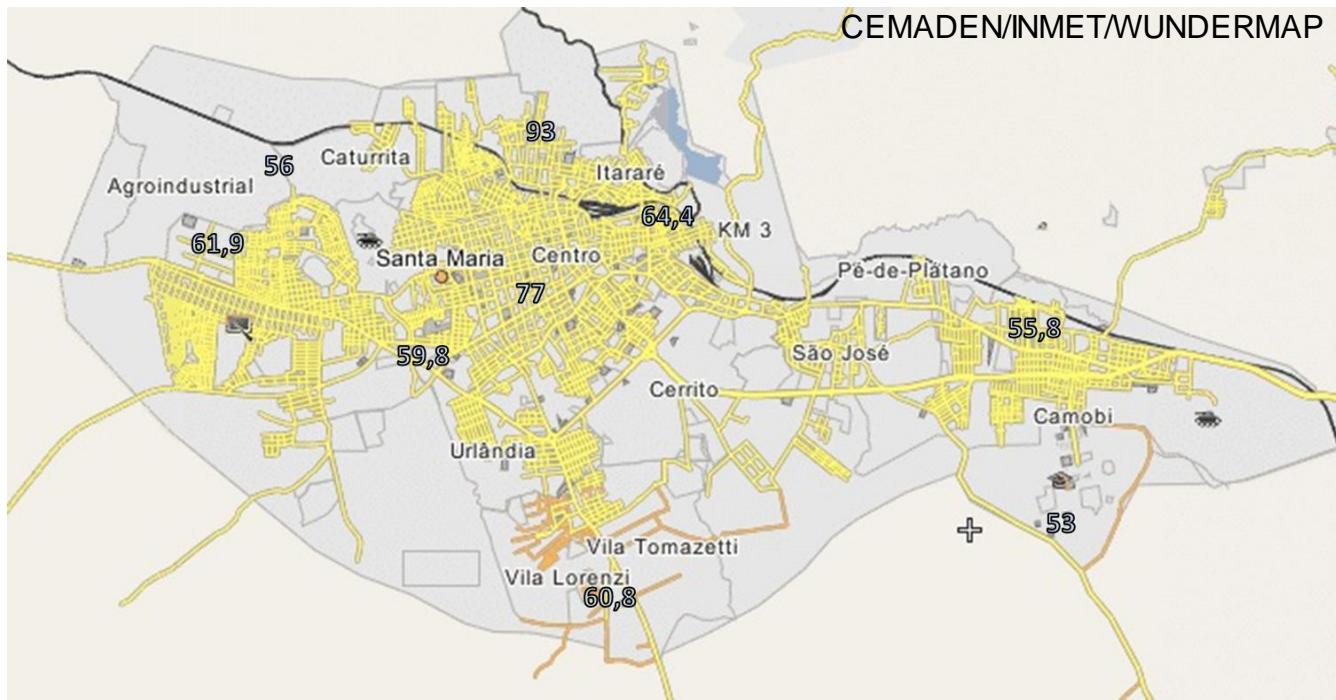


Condições observadas em Dez/2022

Instituto Nacional de Meteorologia - INMET
Temperaturas Diárias (Máxima, Média, Mínima) || Estação: SANTA MARIA (A803) - 12/2022



Precipitação mensal em Dezembro - Santa Maria



Condições observadas em Dez/2022

Impactos relevantes da pouca precipitação no estado:

Estiagem já motivou 44 municípios a decretarem situação de emergência no RS

Além dos prejuízos na agricultura e pecuária provocados pela falta de chuvas, há cidades que estão com problemas de desabastecimento de água.

Por Augustine Timm, RBS TV Pelotas

05/01/2023 19h36 · Atualizado há 14 horas



Incêndio queimou quase 12 mil hectares da Estação Ecológica do Taim, o equivalente a 36% do total da reserva

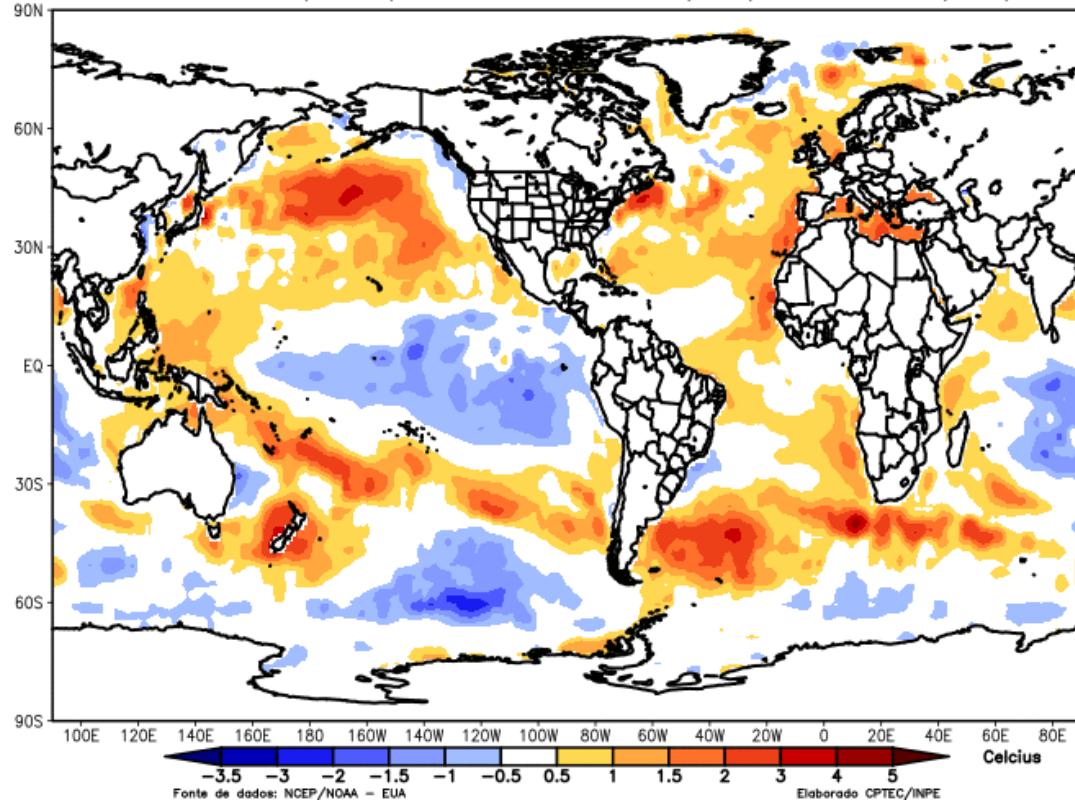
Área fica entre os municípios de Rio Grande e Santa Vitória do Palmar

19/12/2022 - 14h44min
Atualizada em 19/12/2022 - 18h04min

COMPARTILHE:

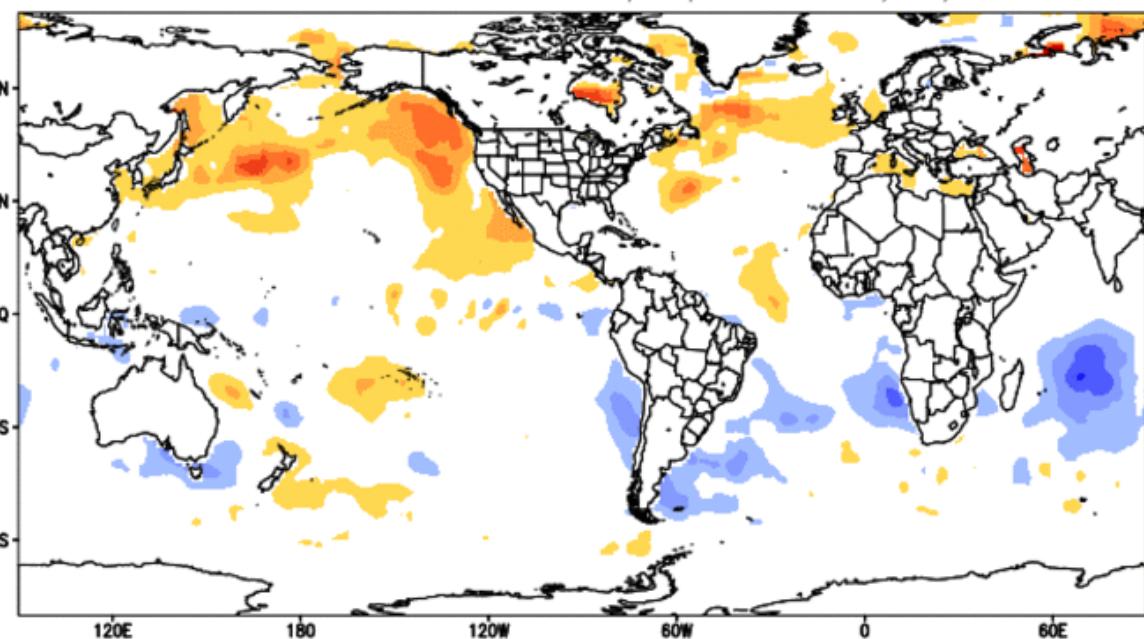
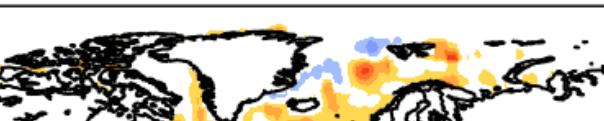
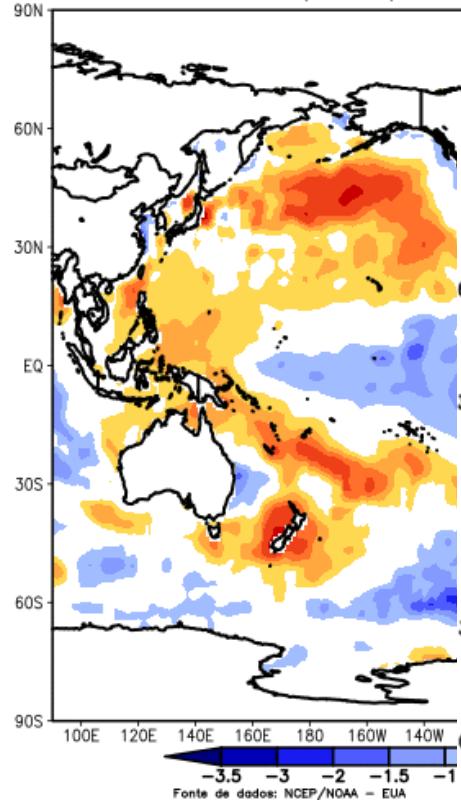
Condições oceânicas

Anomalia de Temp. Superfície do Mar 25/12/2022 a 31/12/2022



Condições oceânicas

Anomalia de Temp. Superfície do Mar 25/12/2022 a 31/12/2022

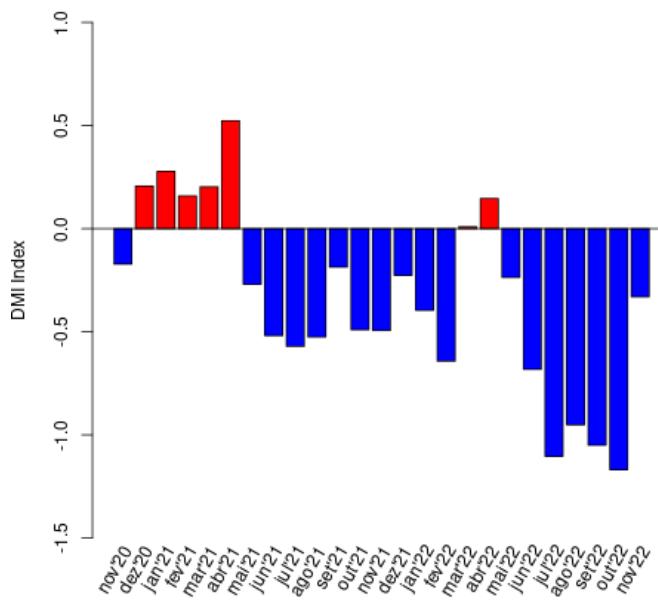
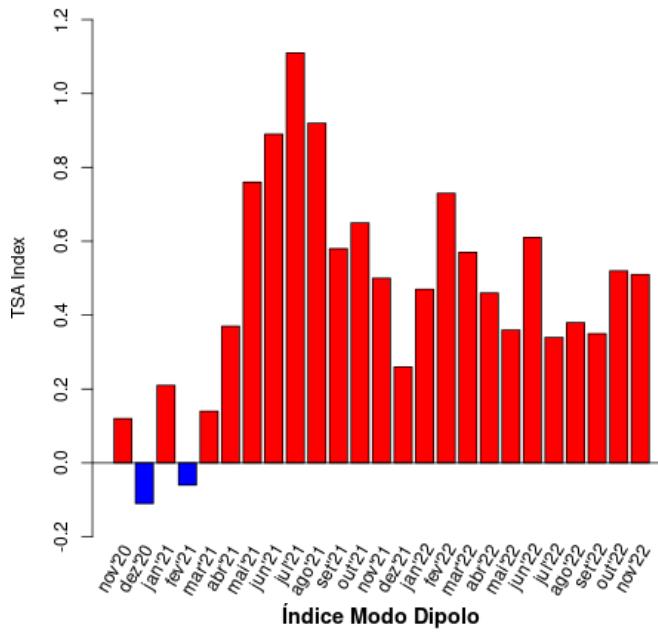


Fonte de dados: NCEP/NOAA – EUA

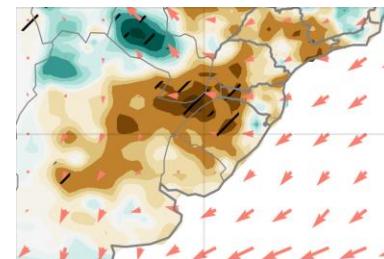
Celsius
Elaboracao: CPTEC/INPE

Índices oceânicos

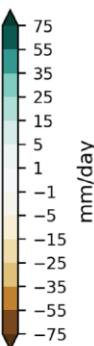
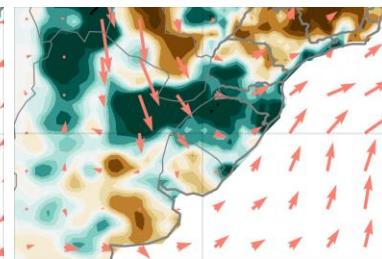
Índice Atlântico Tropical Sul



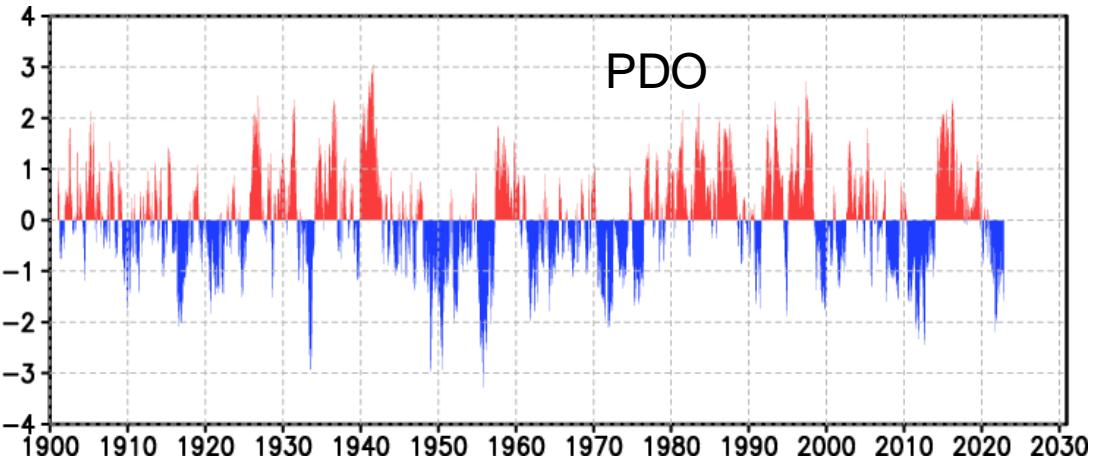
Fase negativa



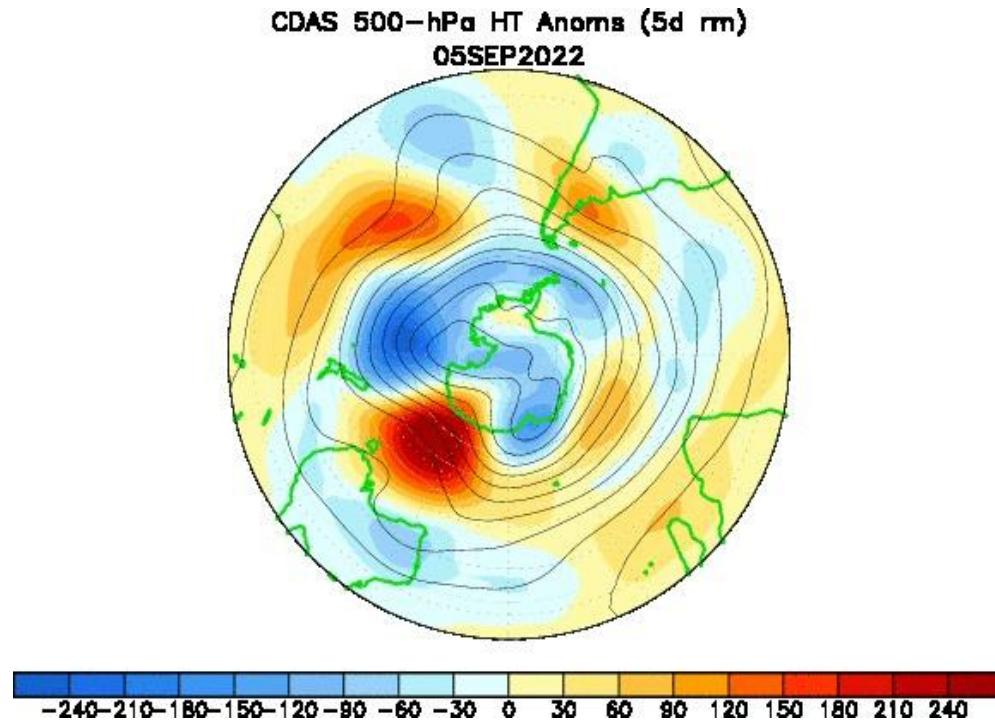
Fase positiva



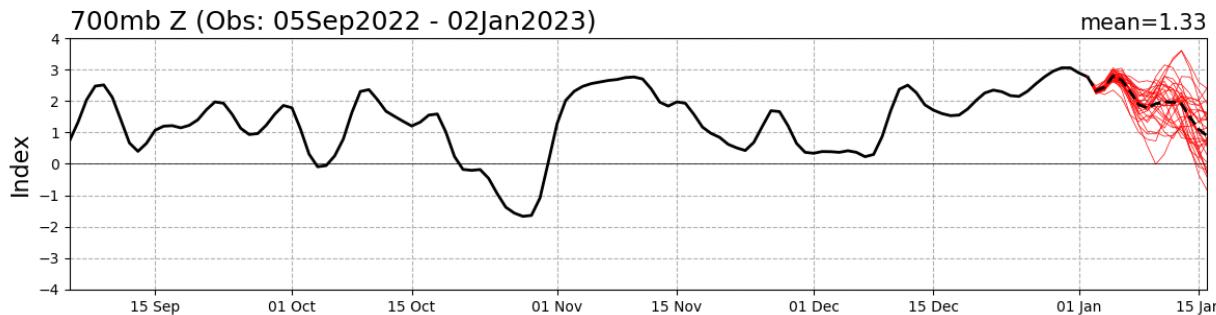
PDO



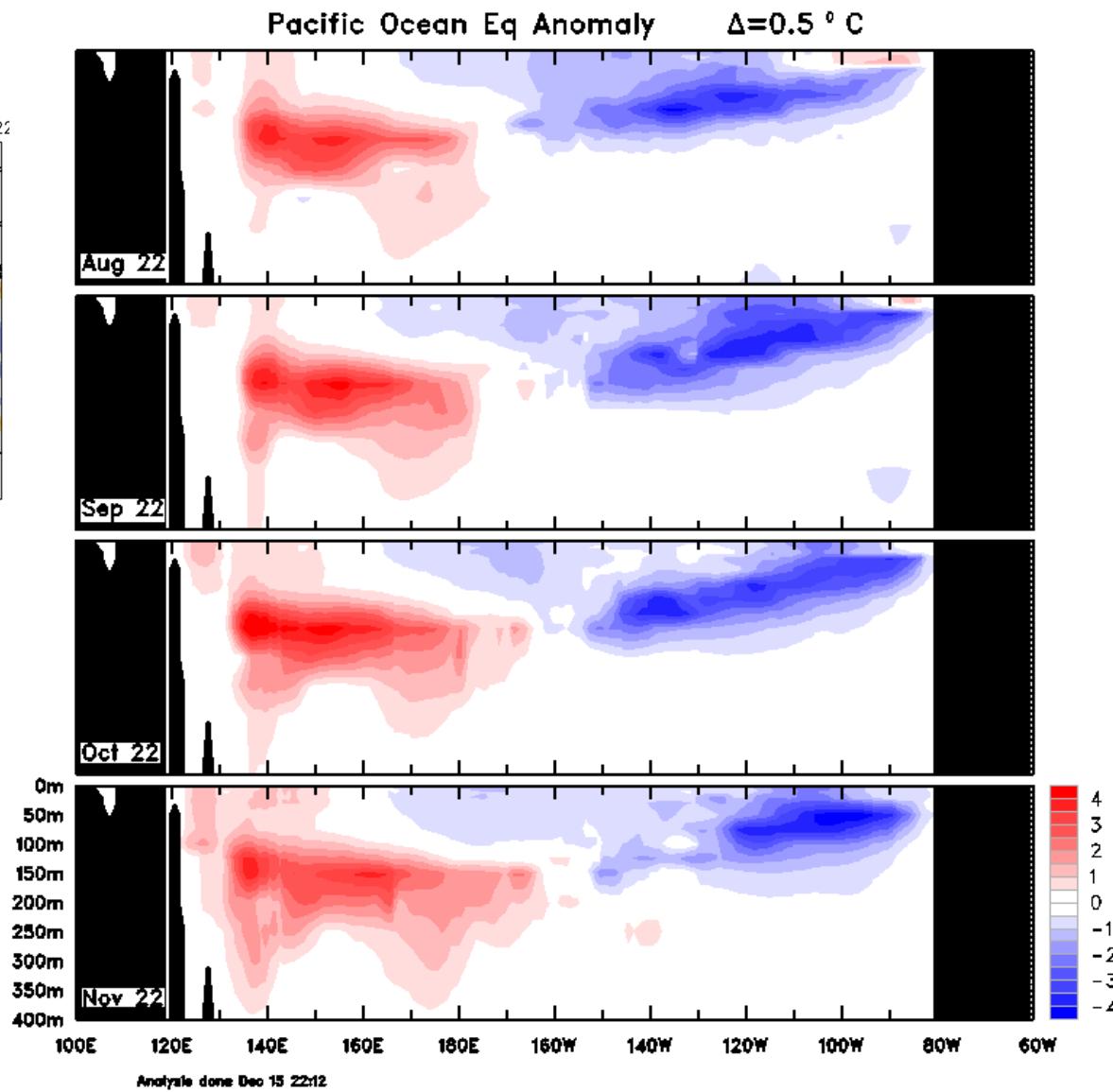
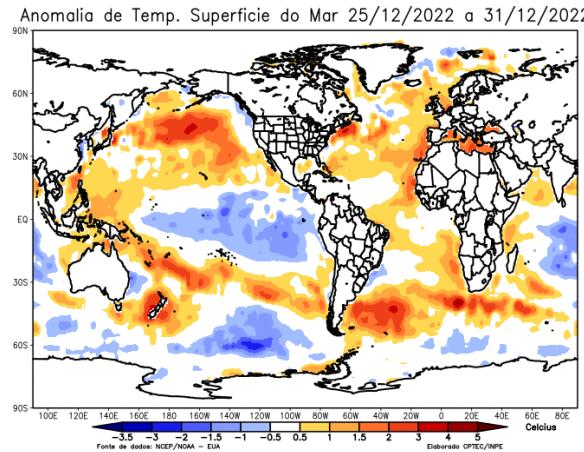
Índices atmosférico (AAO)



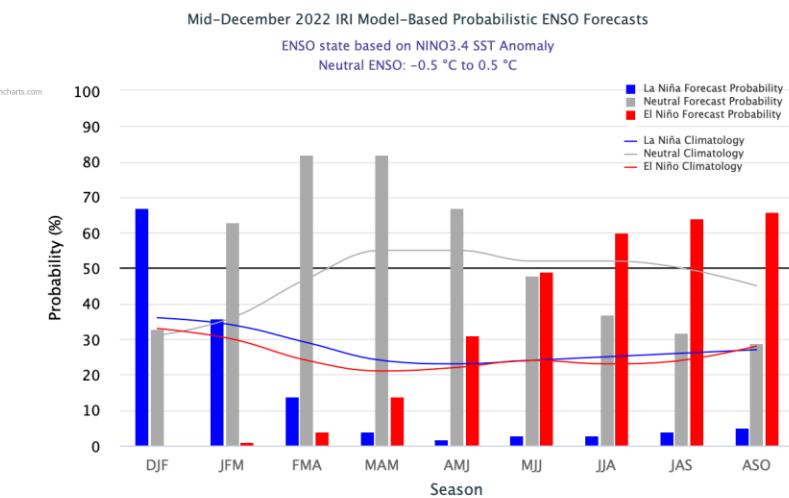
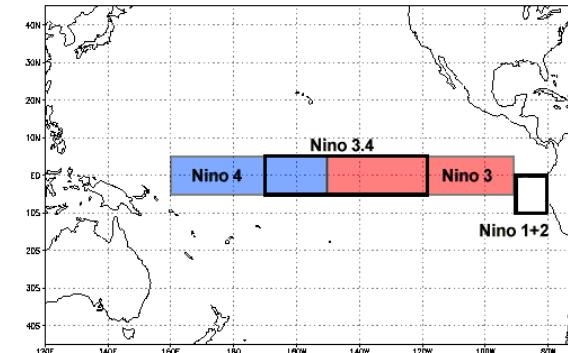
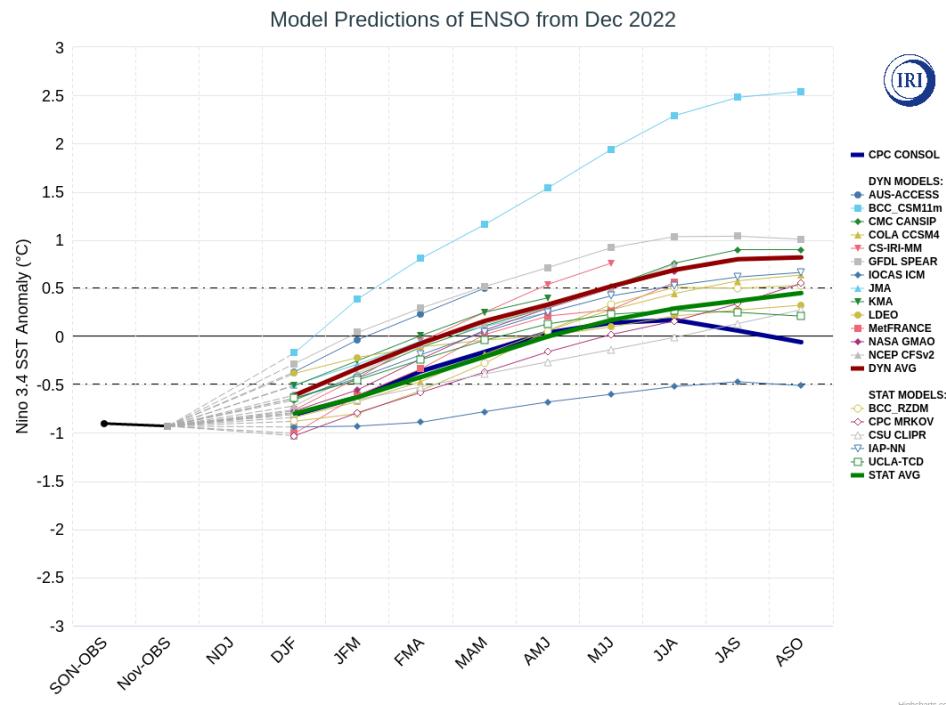
AAO Index: Observed & GEFS Forecasts



Condições oceânicas

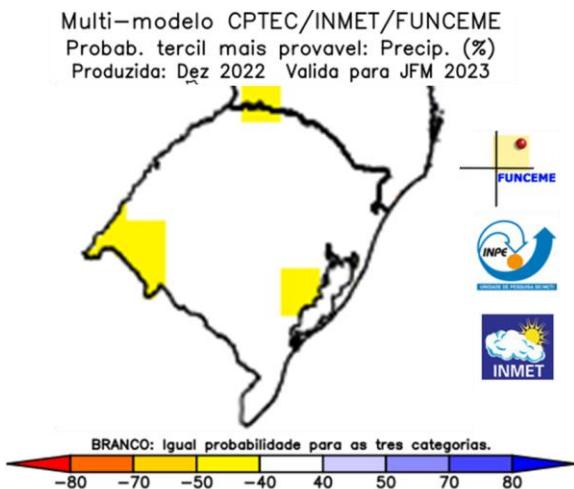
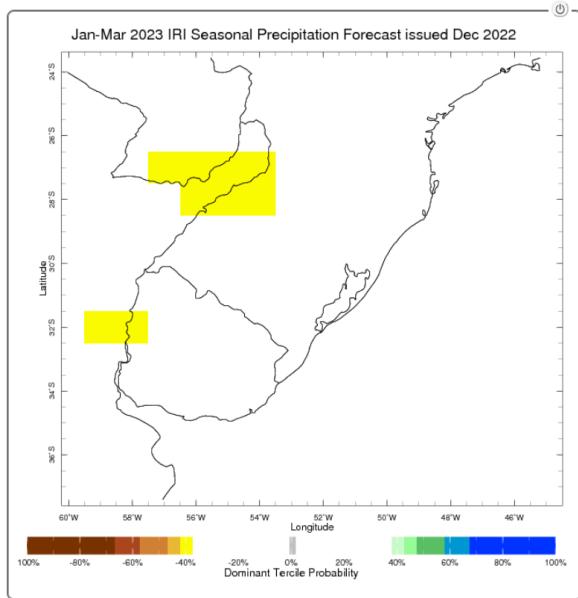


Previsões do ENOS



Previsões sazonais

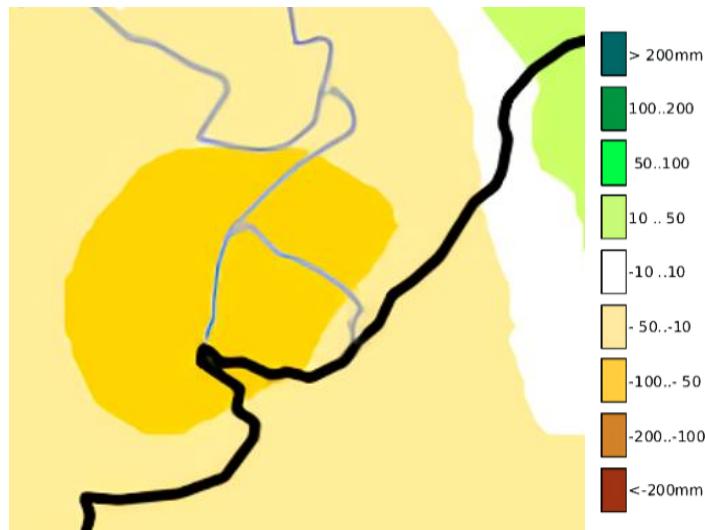
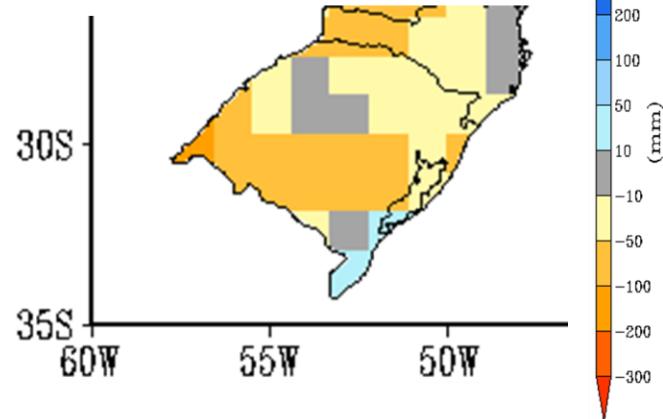
Precipitação (probabilística)



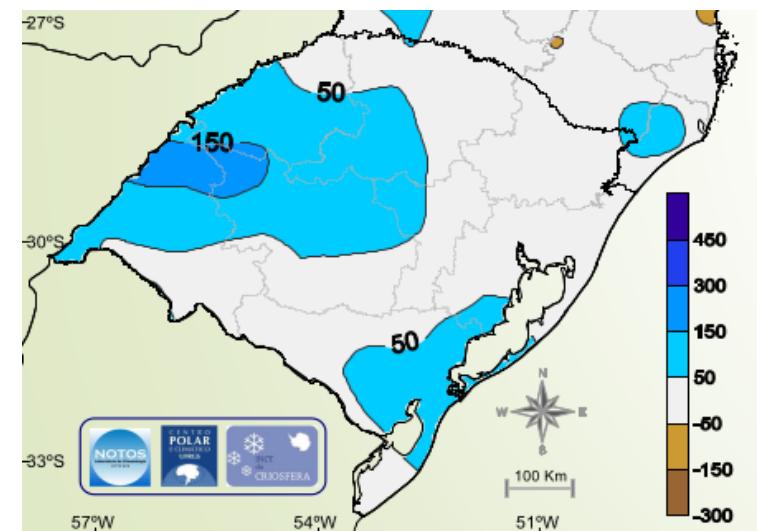
Previsões sazonais

Precipitação (mm)

PREVISÃO DE ANOMALIAS DE PRECIPITAÇÃO (mm)
ATUALIZAÇÃO – DEZEMBRO/2022
VÁLIDO PARA JANEIRO-FEVEREIRO-MARÇO/2023



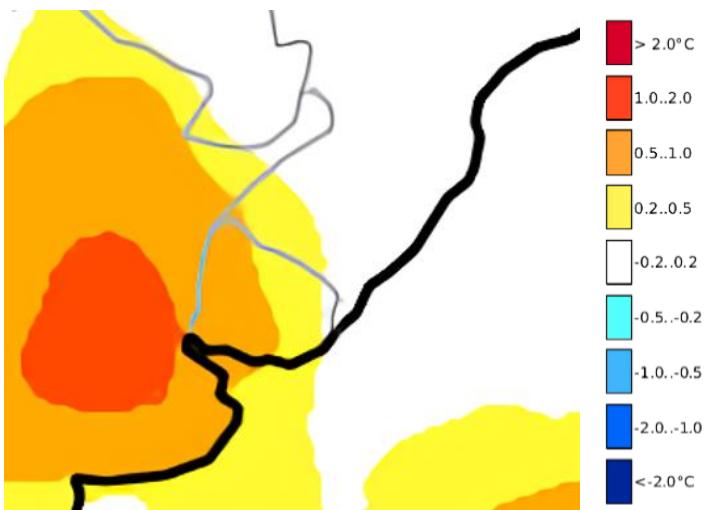
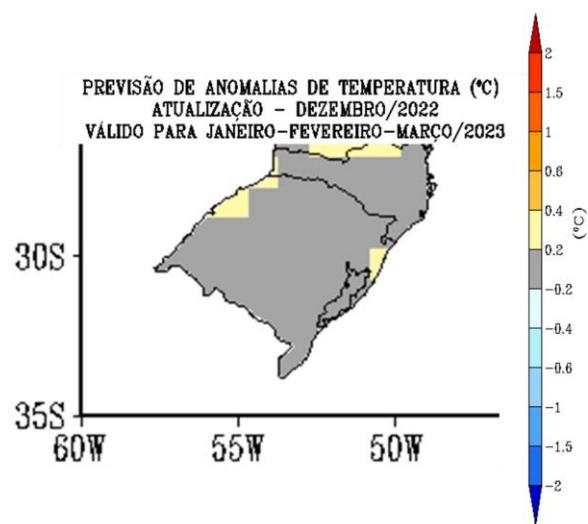
MoReClima-SUL



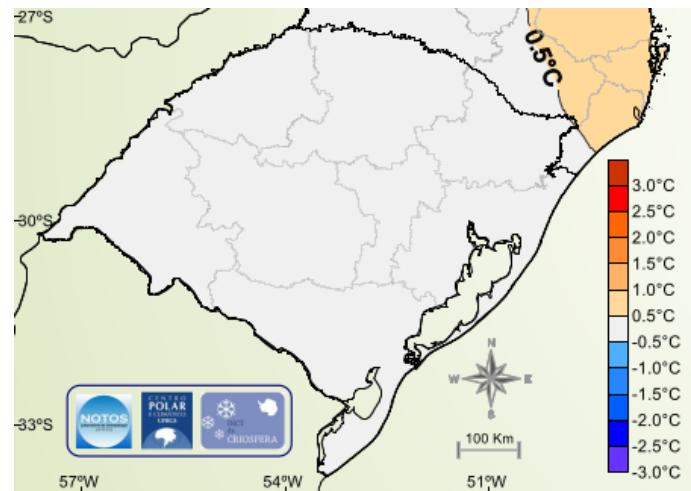
C3S

Previsões sazonais

Temperatura (°C)



MoReClima-SUL



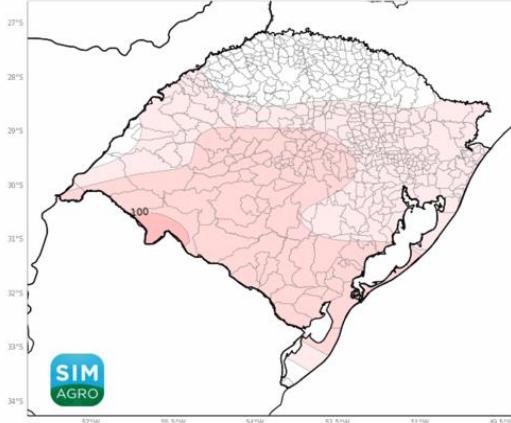
C3S

Previsões mensais

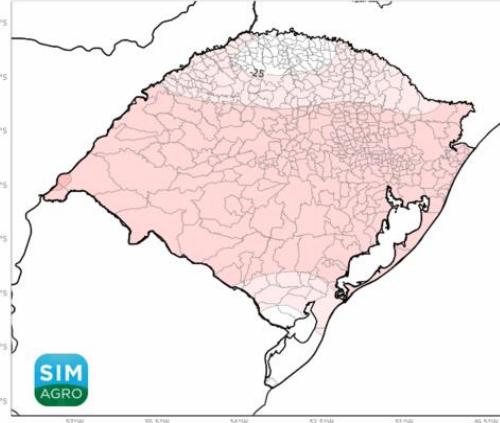
Precipitação (mm)

RegCM4

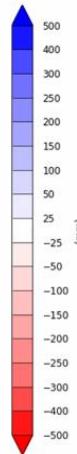
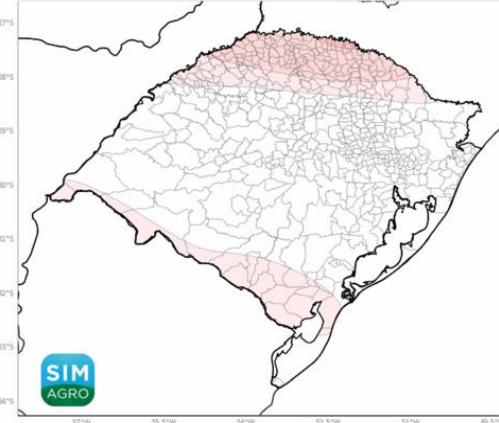
Previsão da anomalia de precipitação para Jan/2023
Ensemble iniciado em 12/2022 (21 membros) - Modelo RegCM4



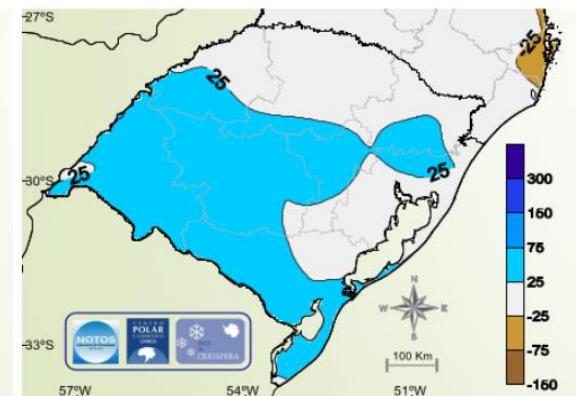
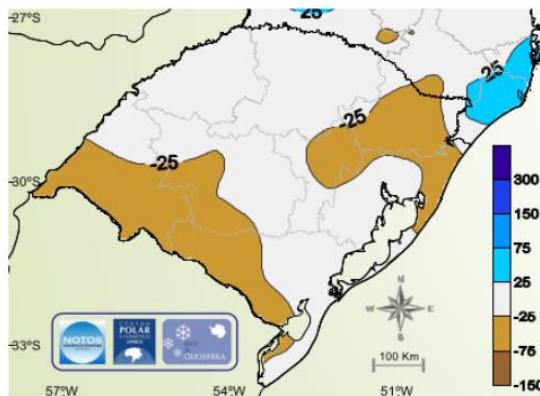
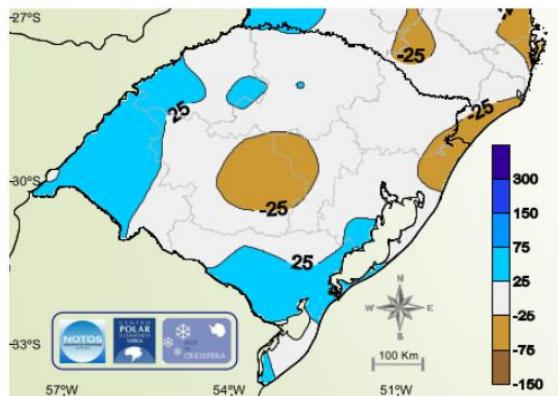
Previsão da anomalia de precipitação para Feb/2023
Ensemble iniciado em 12/2022 (21 membros) - Modelo RegCM4



Previsão da anomalia de precipitação para Mar/2023
Ensemble iniciado em 12/2022 (21 membros) - Modelo RegCM4

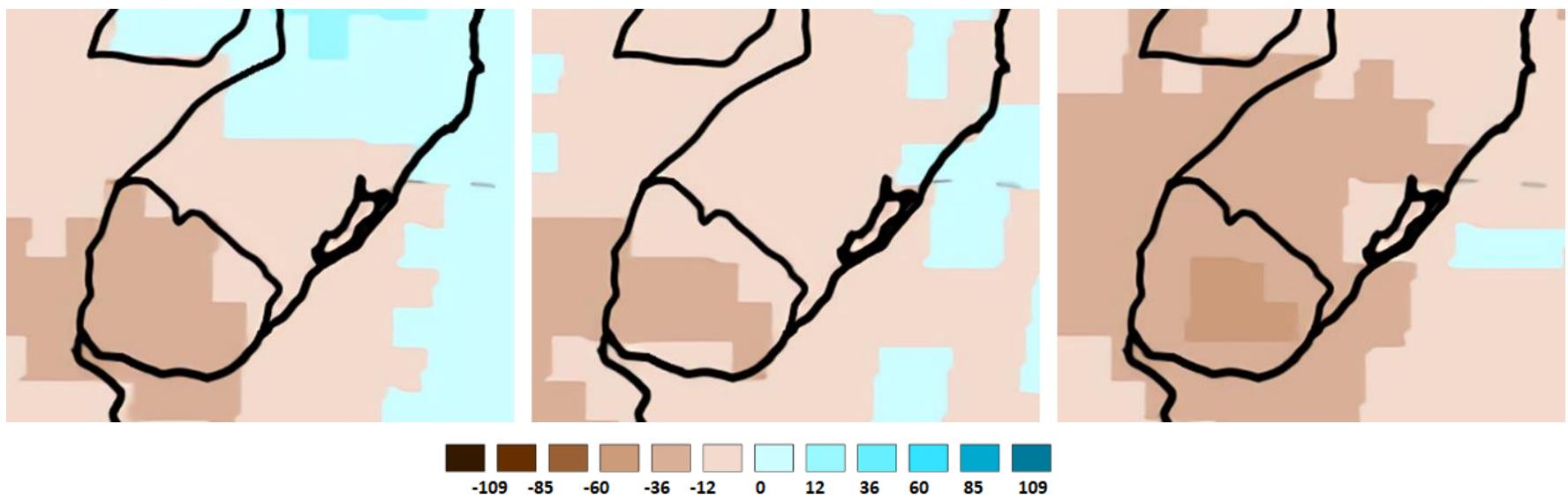


MoReClima-SUL



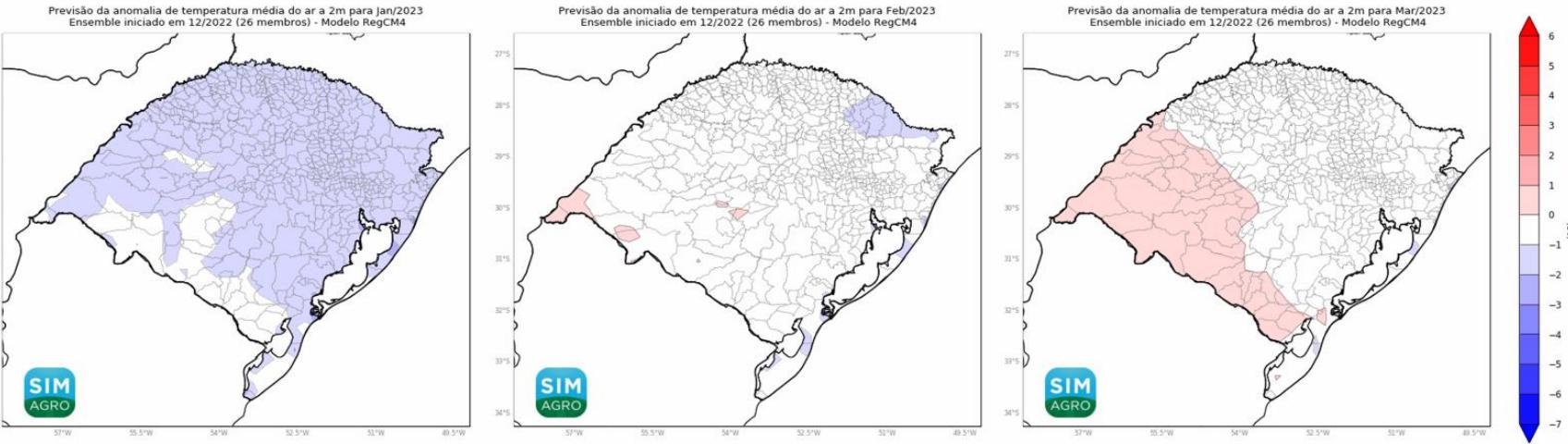
Previsões mensais- precipitação (mm)

APCC

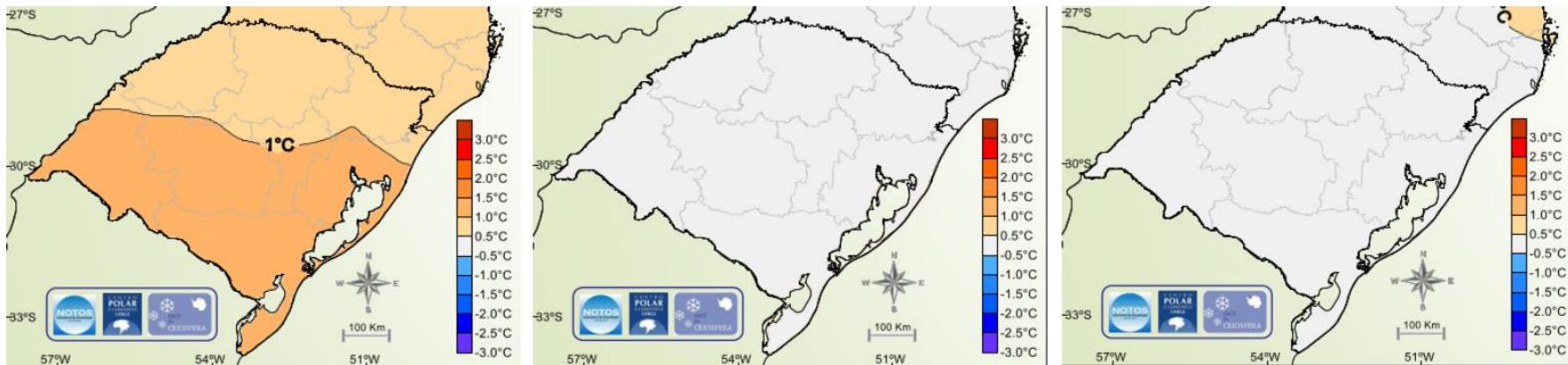


Previsões mensais – Temperatura (°C)

RegCM4

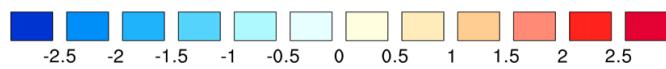


MoReClima-SUL



Previsões mensais – Temperatura (°C)

APCC



Previsão por consenso

Precipitação (JFM-2023)



- 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 (JFM-2023)



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