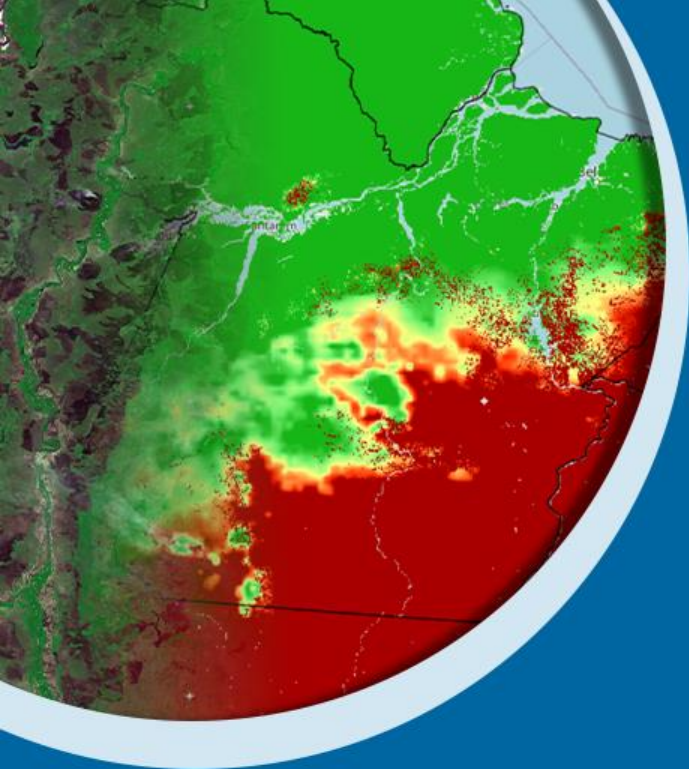




3ª Reunião da Sala de Crise da Região SUL 2024: CHUVAS, El Niño/transição la Niña e Prognóstico Climático

Marcelo Schneider

Meteorologista do INMET



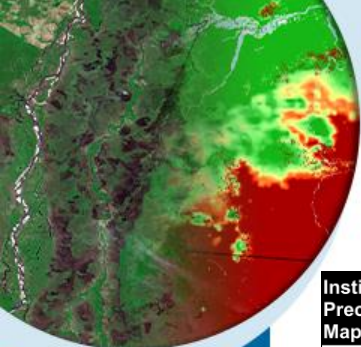
MINISTÉRIO DA
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PECUÁRIA

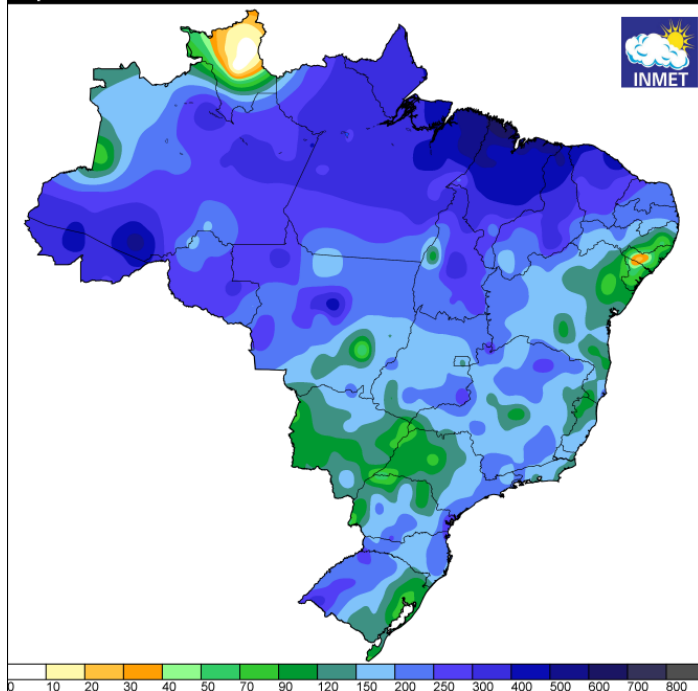
GOVERNO FEDERAL
BRASIL
UNIÃO E RECONSTRUÇÃO

Porto Alegre, 20 de MARÇO de 2024.

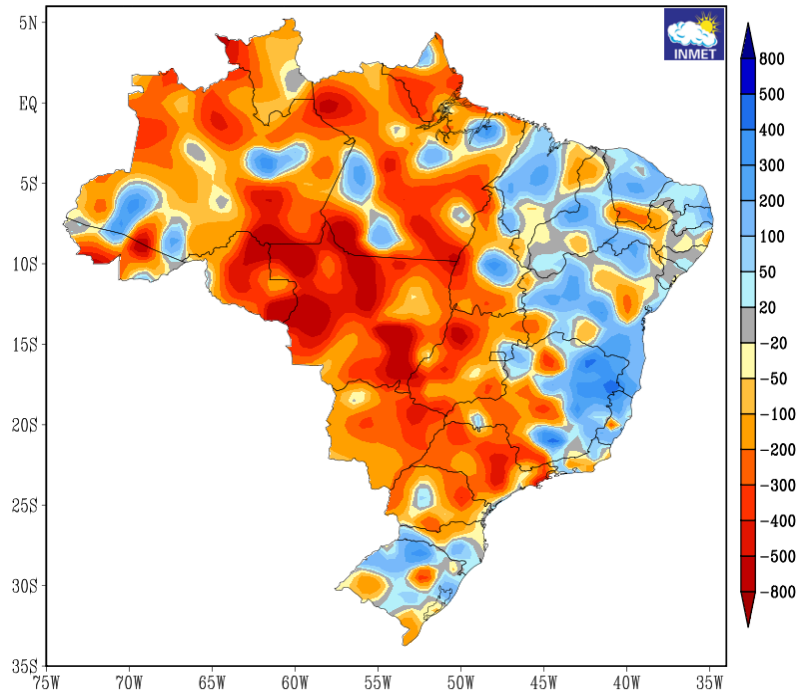
Monitoramento da chuva 30 dias e trimestre



Instituto Nacional de Meteorologia - INMET
Precipitação Acumulada nos últimos 30 dias
Mapa do dia 19/03/2024



ANOMALIA DE PRECIPITAÇÃO TRIMESTRAL
VALIDO PARA DEZEMBRO DE 2023, JANEIRO, FEVEREIRO DE 2024

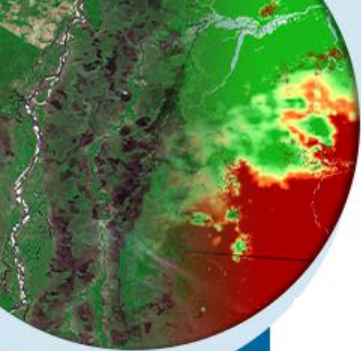


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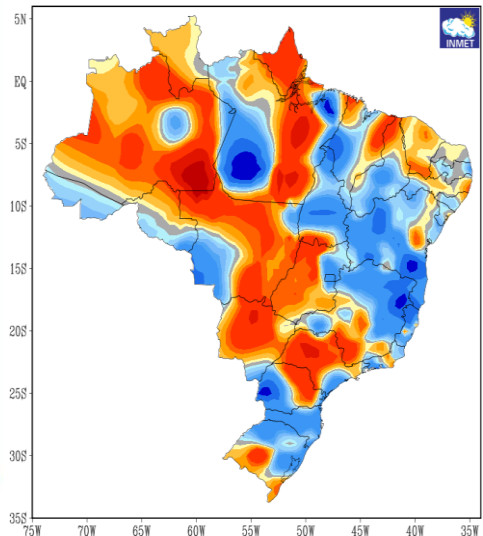
MINISTÉRIO DA
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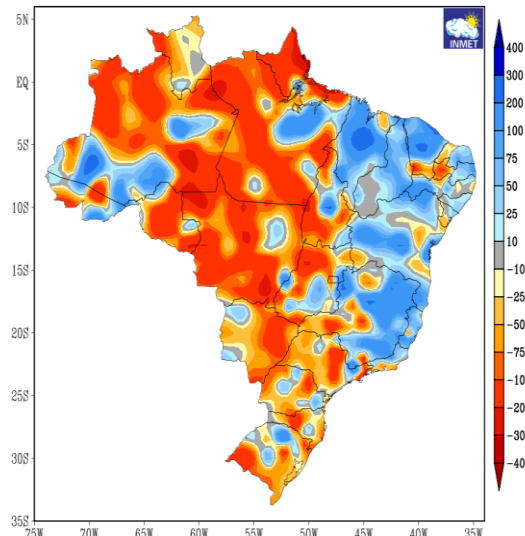
Chuvas no trimestre



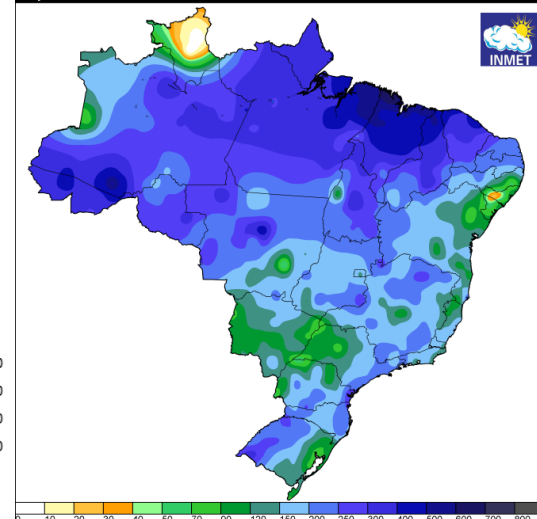
ANOMALIA DE PRECIPITAÇÃO
VALIDO PARA JANEIRO DE 2024



ANOMALIA DE PRECIPITAÇÃO
VALIDO PARA FEVEREIRO DE 2024



Instituto Nacional de Meteorologia - INMET
Precipitação Acumulada nos últimos 30 dias
Mapa do dia 19/03/2024

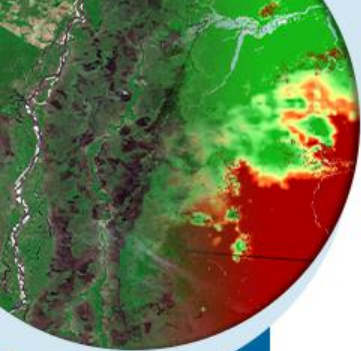


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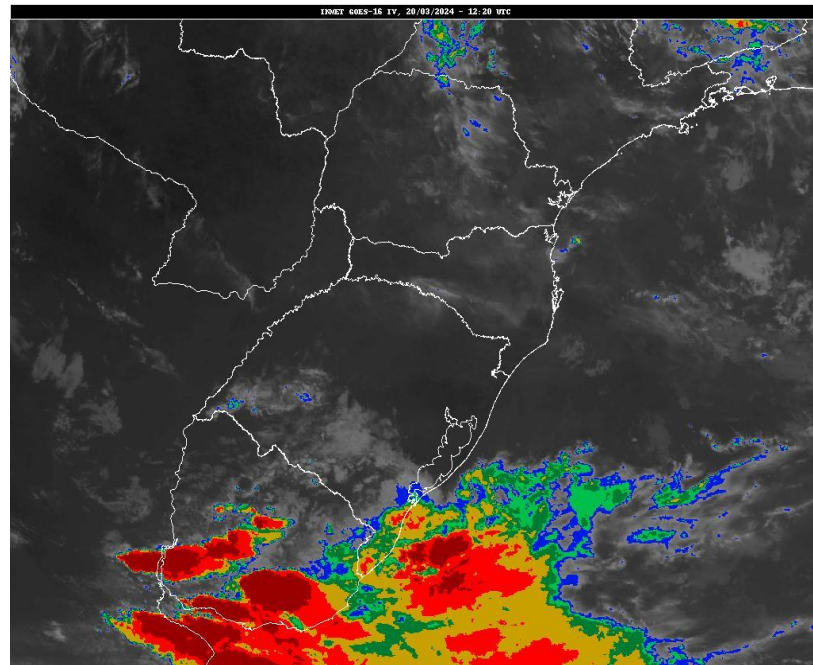
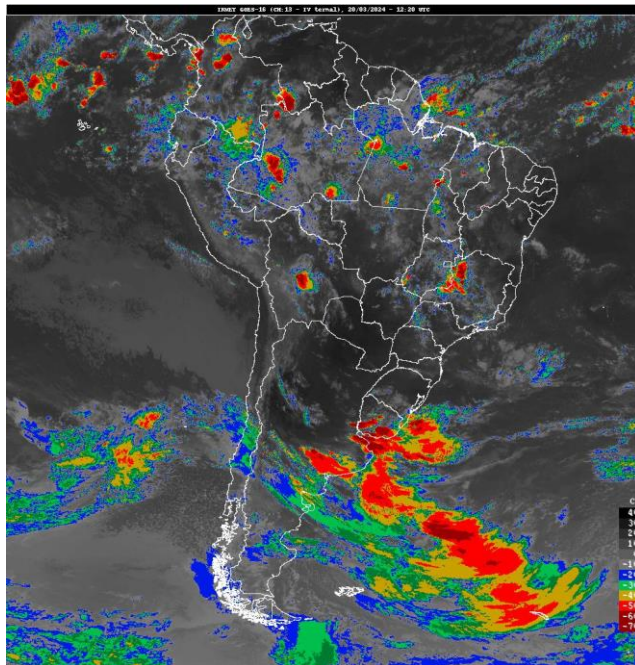
Satélite – IR 09H20 20/03/2024



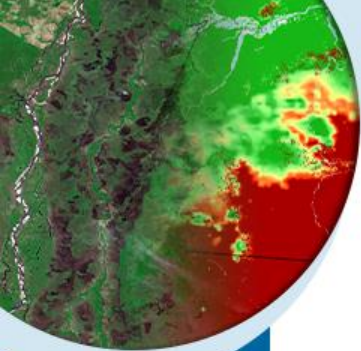
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Precipitação 3h e pressão atmosférica, 03h, 09h e 15h E 21 DE 21/03/2024

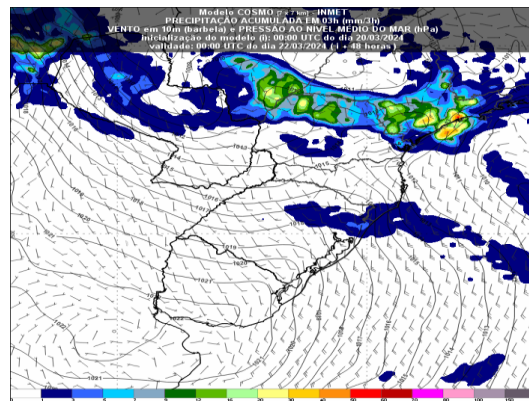
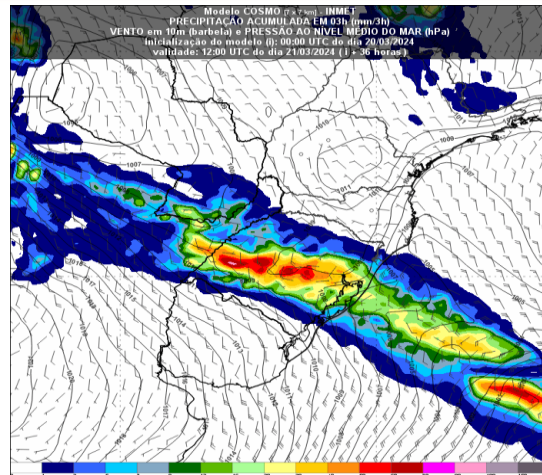
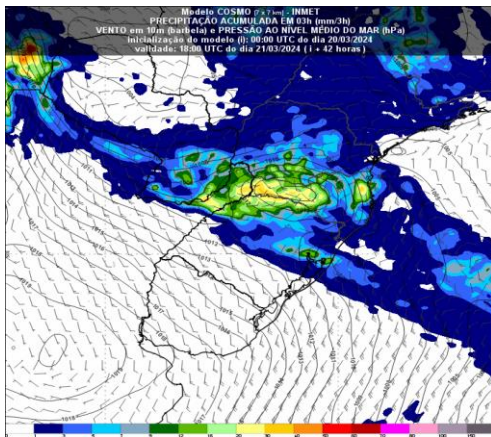
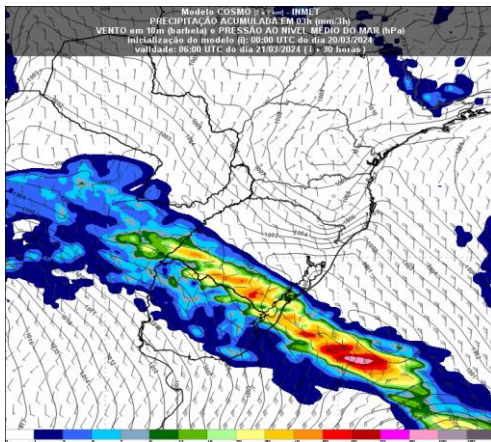


COSMO
-Inmet

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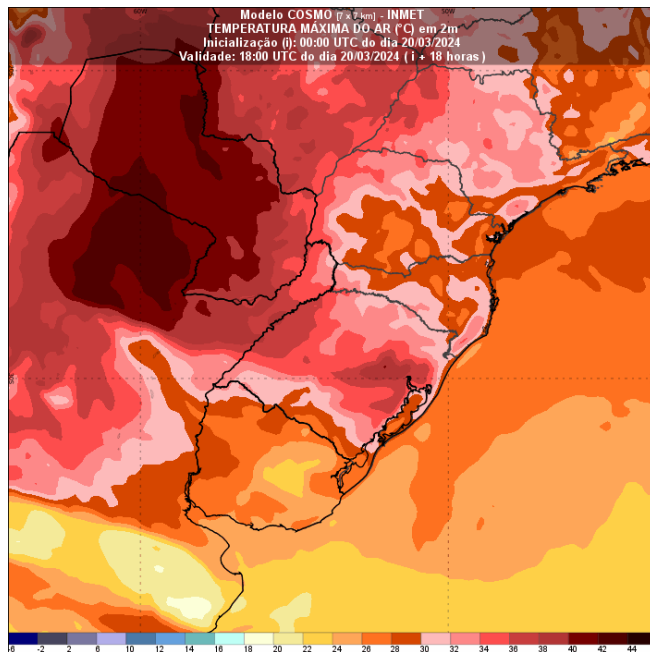
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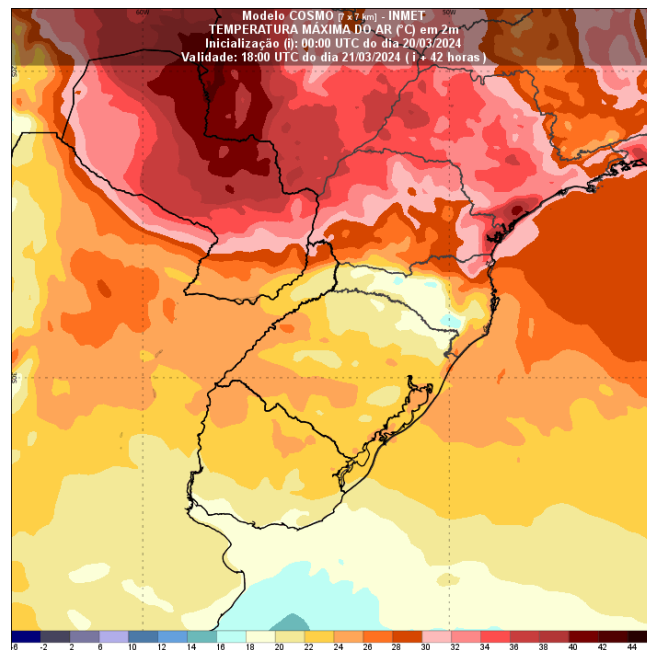


Temp máxima Cosmo 7Km

15h 20/03



15h 21/03

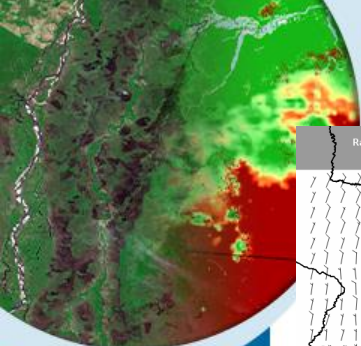


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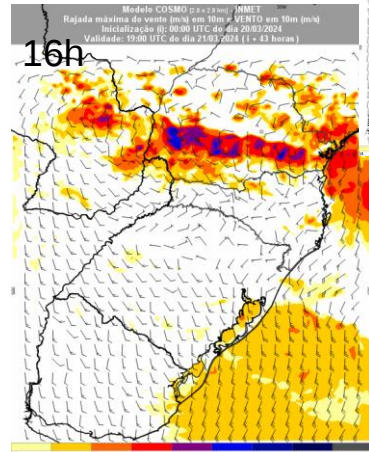
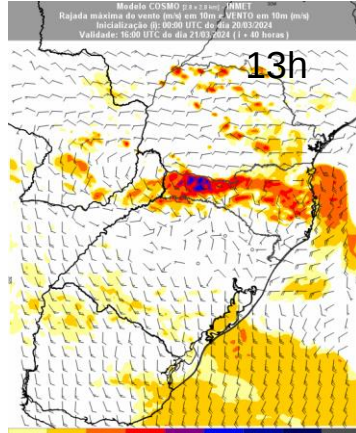
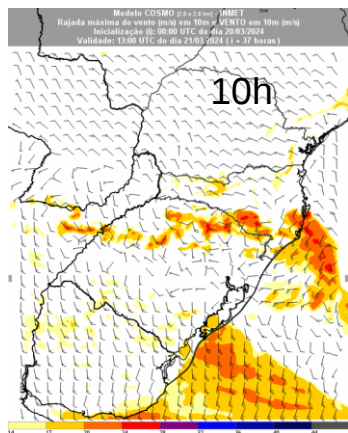
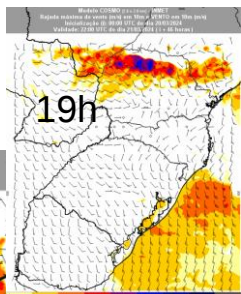
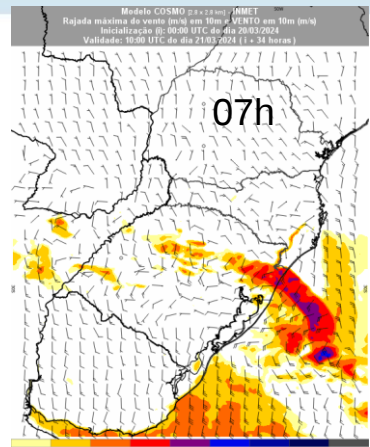
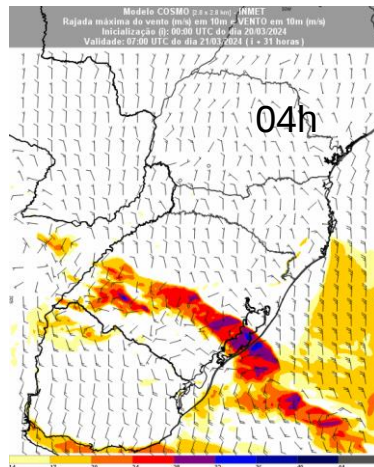
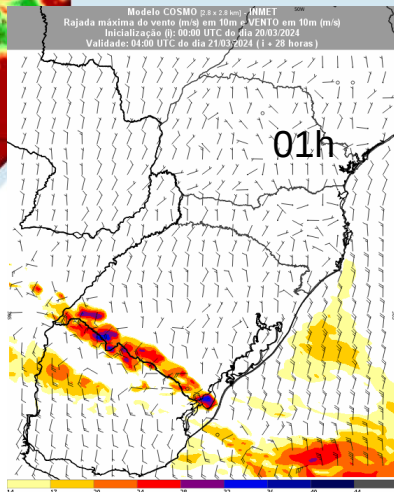
VENTOS COSMO 2,8 Km



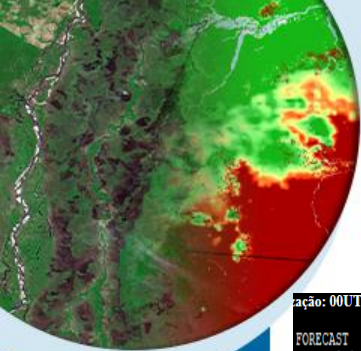
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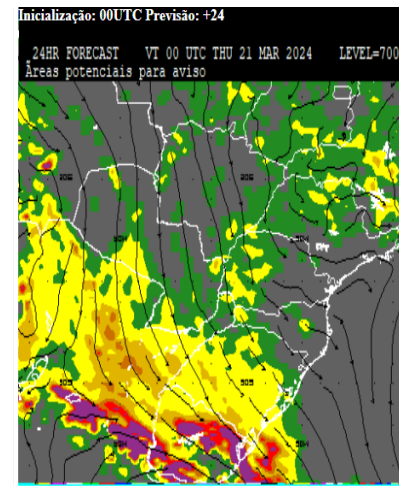
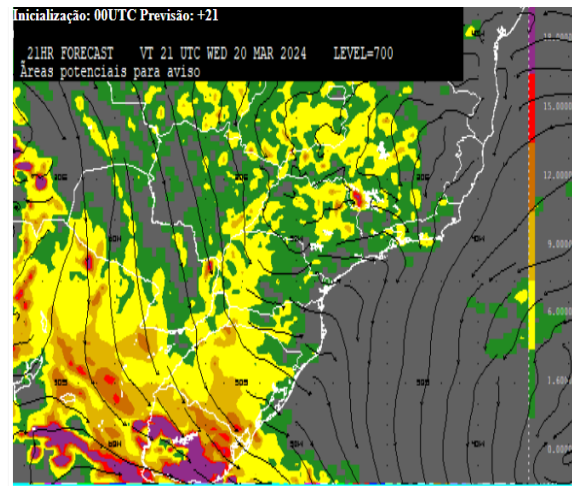
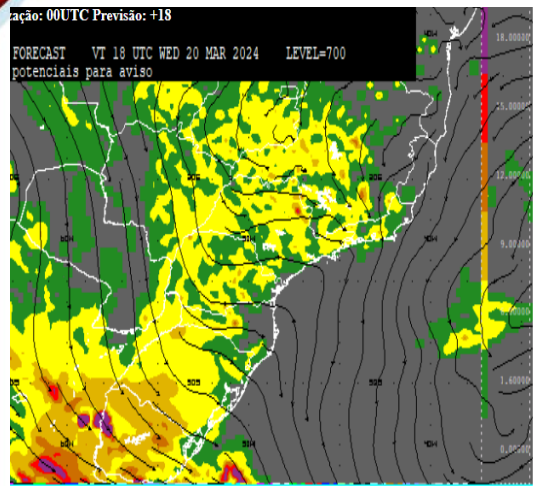
ÍNDICE DE TEMPESTADE GFS 15h, 18h, E 21h DE 20/03



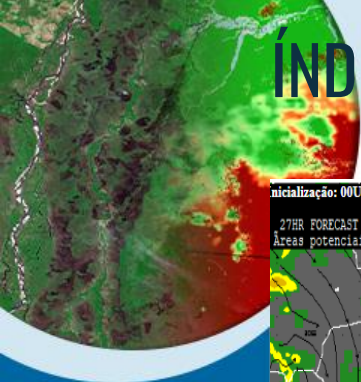
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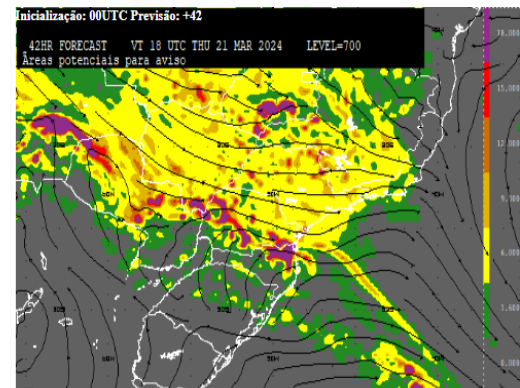
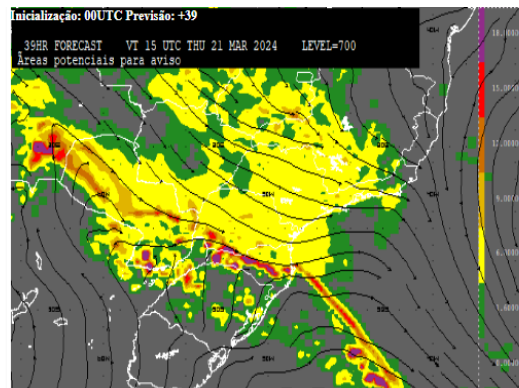
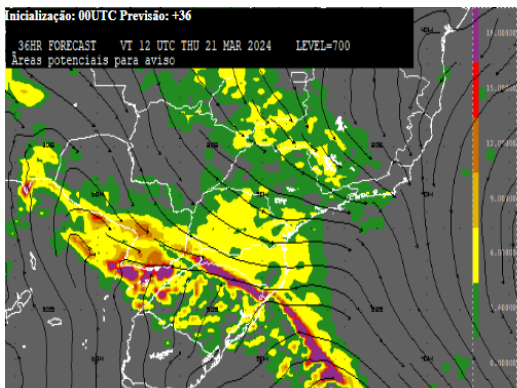
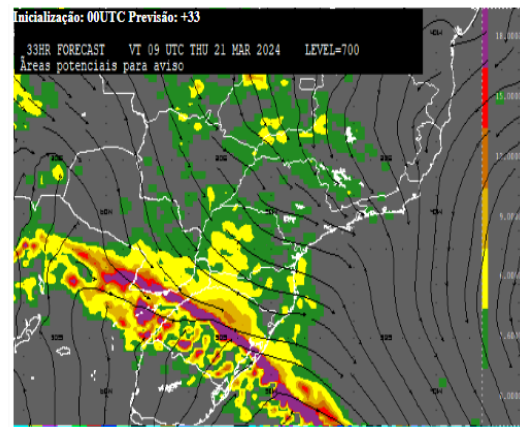
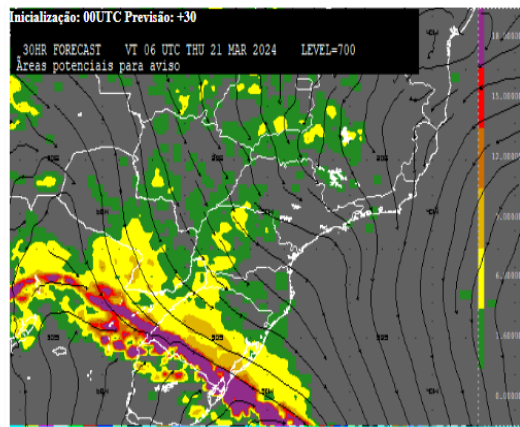
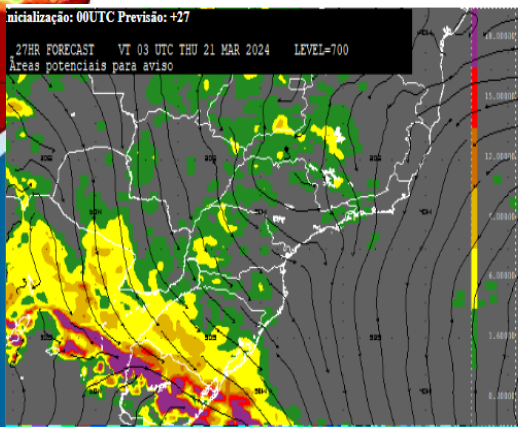
ÍNDICE DE TEMPESTADE GFS 00H, 03H, 06H, 09, 12h e 15h 21/03



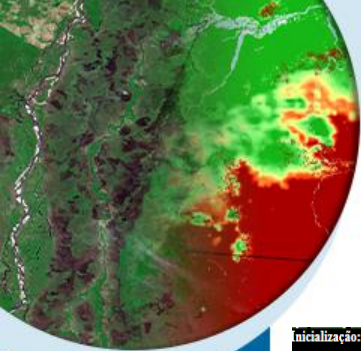
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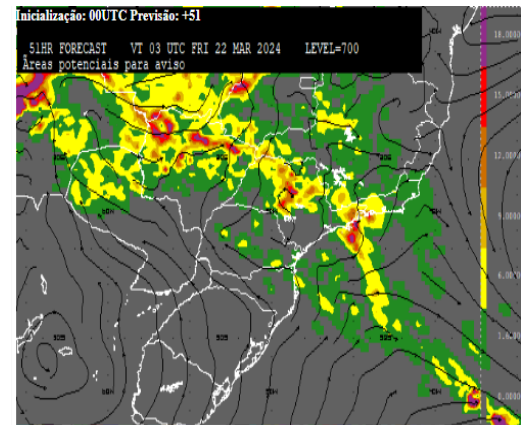
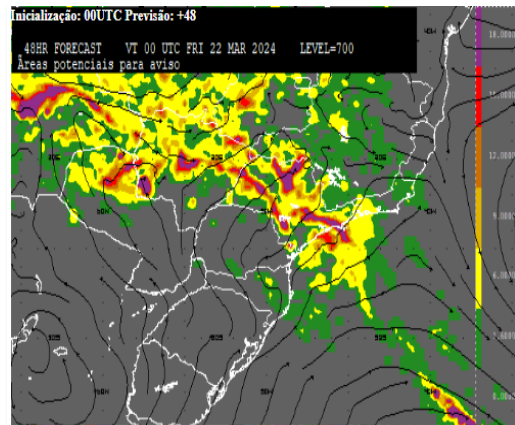
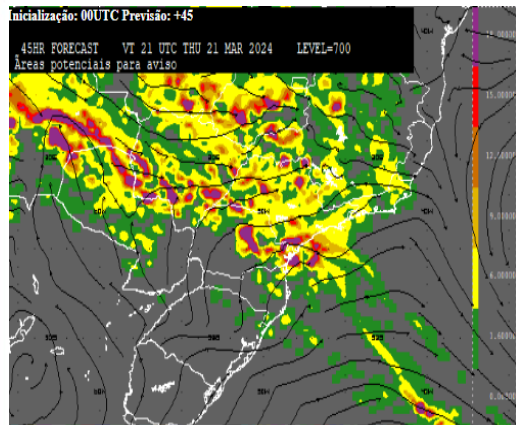
ÍNDICE DE TEMPESTADE GFS 18h, 21h e 00h 21/22



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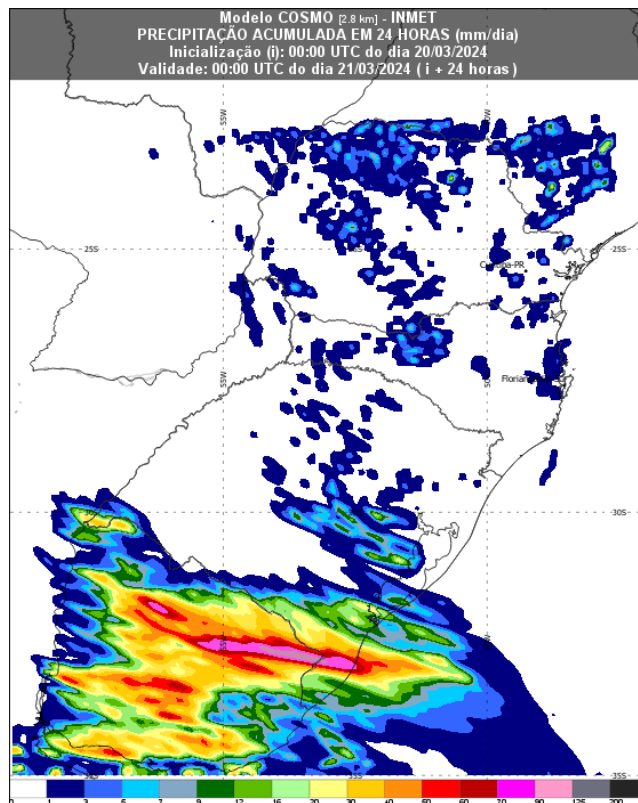
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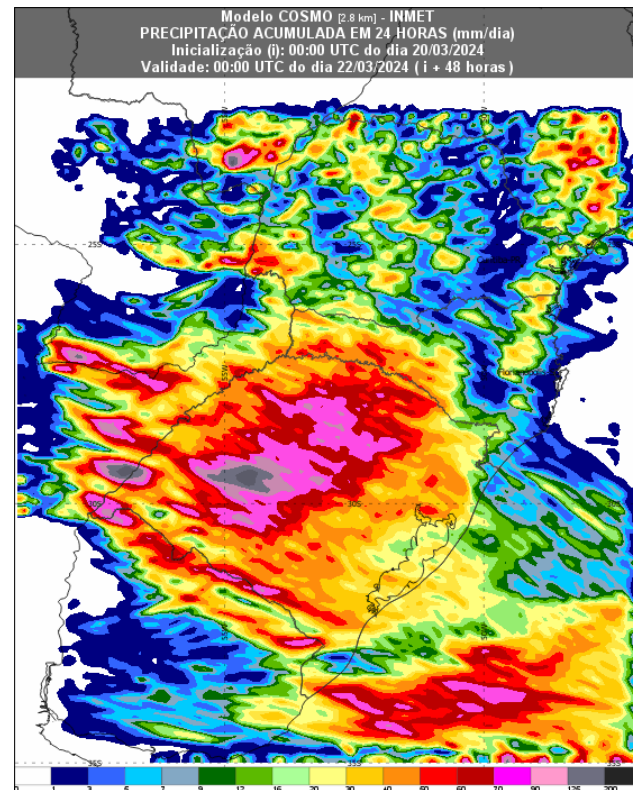


COSMO 2,8 Km

24h



48h



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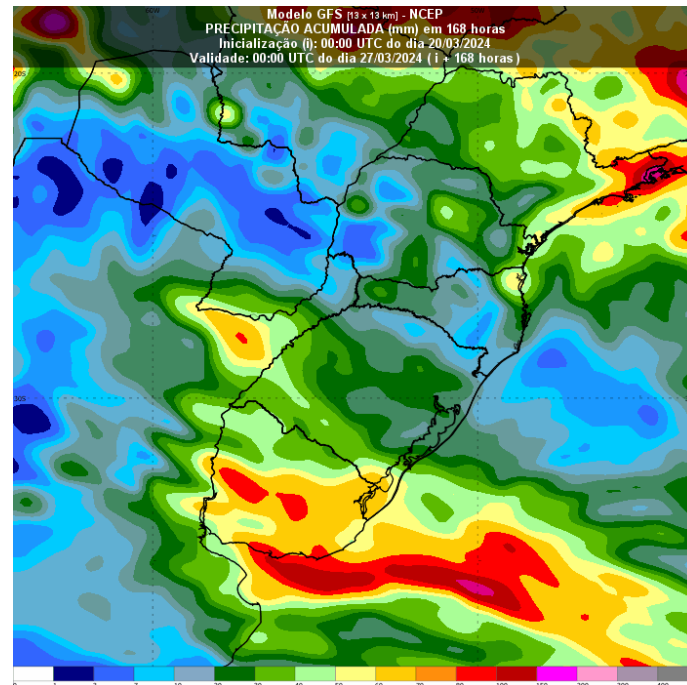
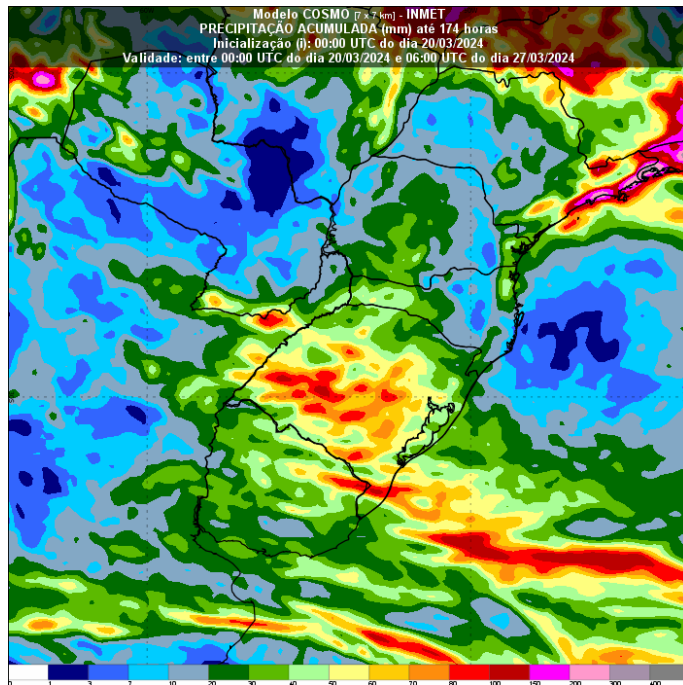
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Precipitação acumulada até 168 h

Até 27/03

COSMO INMET 7 Km

GFS



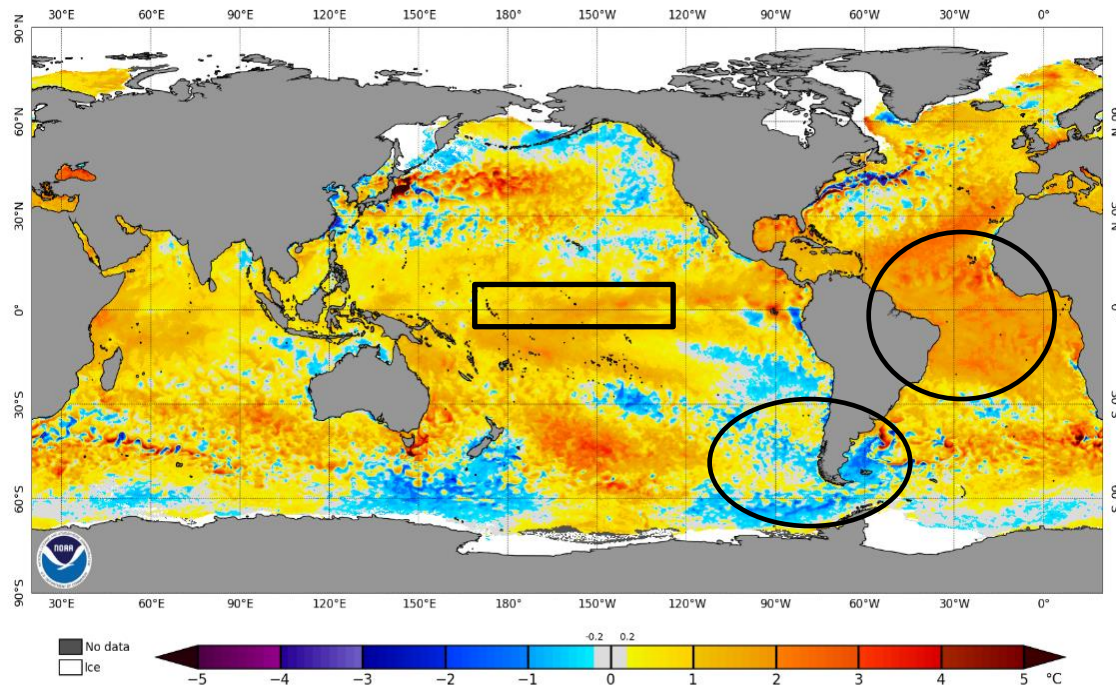
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Tempo/Clima: TSM OCEANOS NIÑO

NOAA Coral Reef Watch Daily 5km SST Anomalies (v3.1) 18 Mar 2024



	Nino1+2	Nino3	Nino34	Nino4
	SST SSTA	SST SSTA	SST SSTA	SST SSTA
Week				
22NOV2023	24.0 2.0	27.4 2.3	28.9 2.1	30.1 1.5
29NOV2023	24.2 2.1	27.2 2.0	28.7 2.0	30.3 1.7
06DEC2023	23.8 1.3	27.1 2.0	28.6 1.9	29.9 1.4
13DEC2023	24.3 1.5	27.2 2.1	28.6 2.0	29.9 1.4
20DEC2023	24.6 1.6	27.3 2.1	28.6 2.0	29.8 1.4
27DEC2023	24.2 0.8	27.4 2.1	28.6 2.0	29.7 1.4
03JAN2024	24.7 1.0	27.4 2.0	28.4 1.9	29.7 1.4
10JAN2024	25.0 0.9	27.4 2.0	28.4 1.9	29.7 1.5
17JAN2024	25.4 0.8	27.5 1.9	28.2 1.7	29.5 1.4
24JAN2024	25.7 0.7	27.5 1.8	28.1 1.7	29.7 1.6
31JAN2024	26.3 1.0	27.8 1.9	28.3 1.8	29.6 1.5
07FEB2024	26.9 1.2	27.7 1.6	28.2 1.7	29.4 1.3
14FEB2024	27.2 1.1	27.8 1.5	28.1 1.5	29.2 1.1
21FEB2024	27.0 0.7	27.9 1.4	28.3 1.5	29.3 1.2
28FEB2024	27.4 0.9	28.0 1.3	28.2 1.3	29.2 1.1
06MAR2024	27.5 1.0	27.9 1.0	28.4 1.4	29.2 1.1
13MAR2024	27.0 0.4	28.0 0.9	28.3 1.1	29.0 0.8

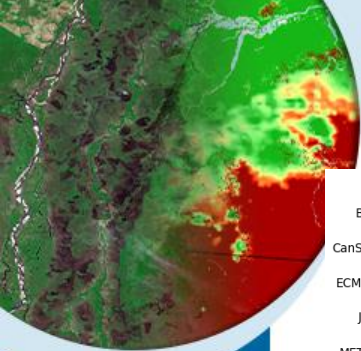


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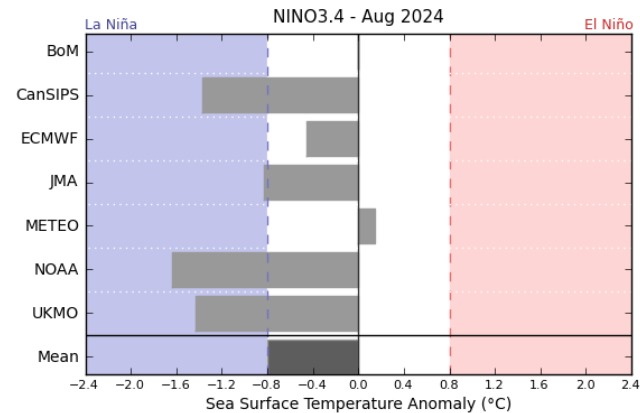
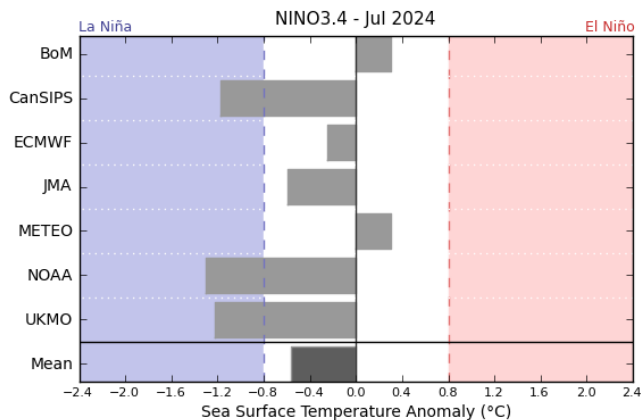
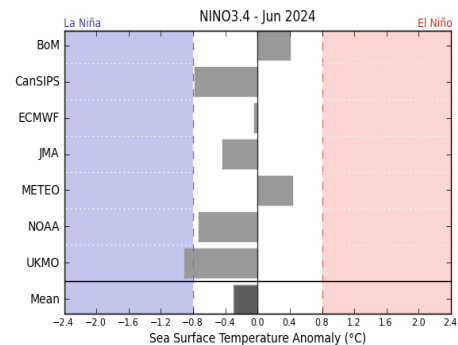
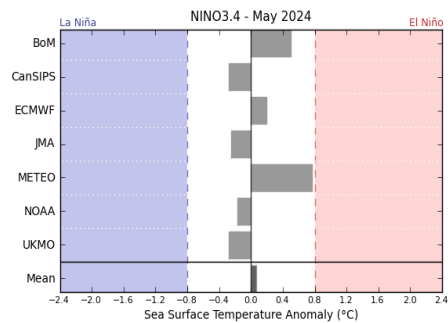
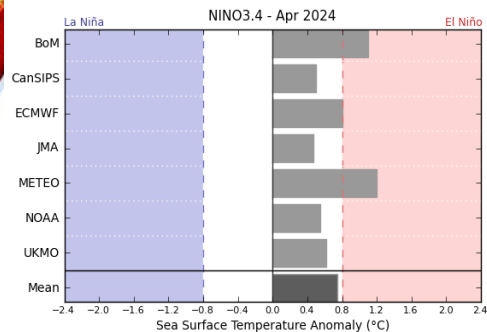


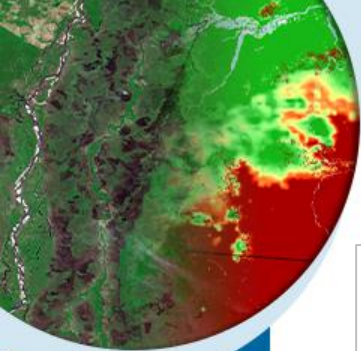
PREVISÕES TSM



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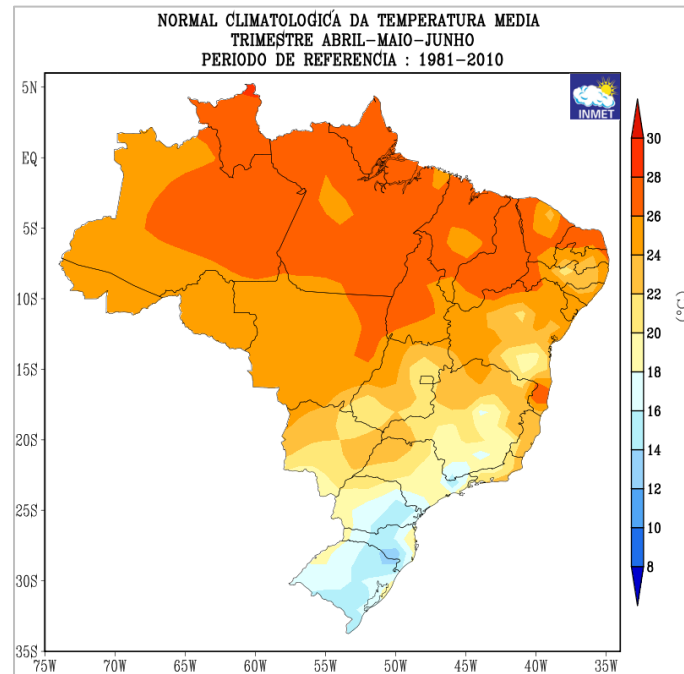
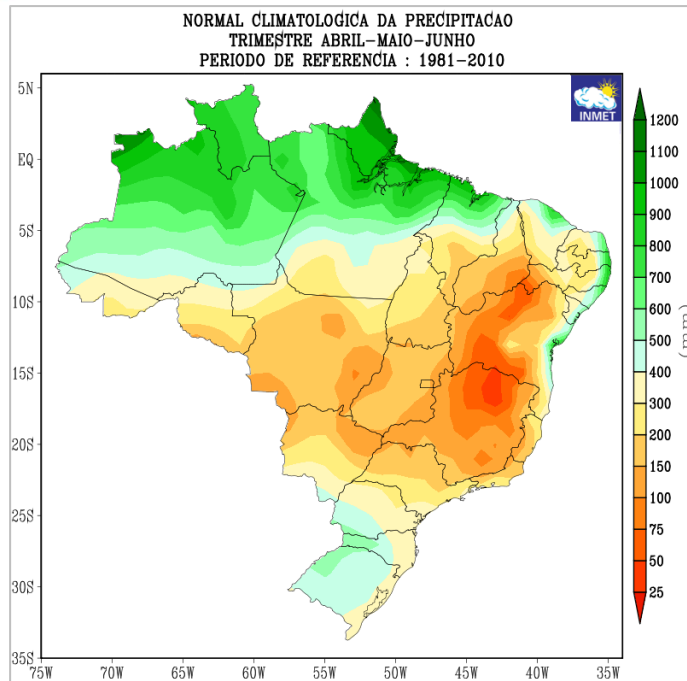




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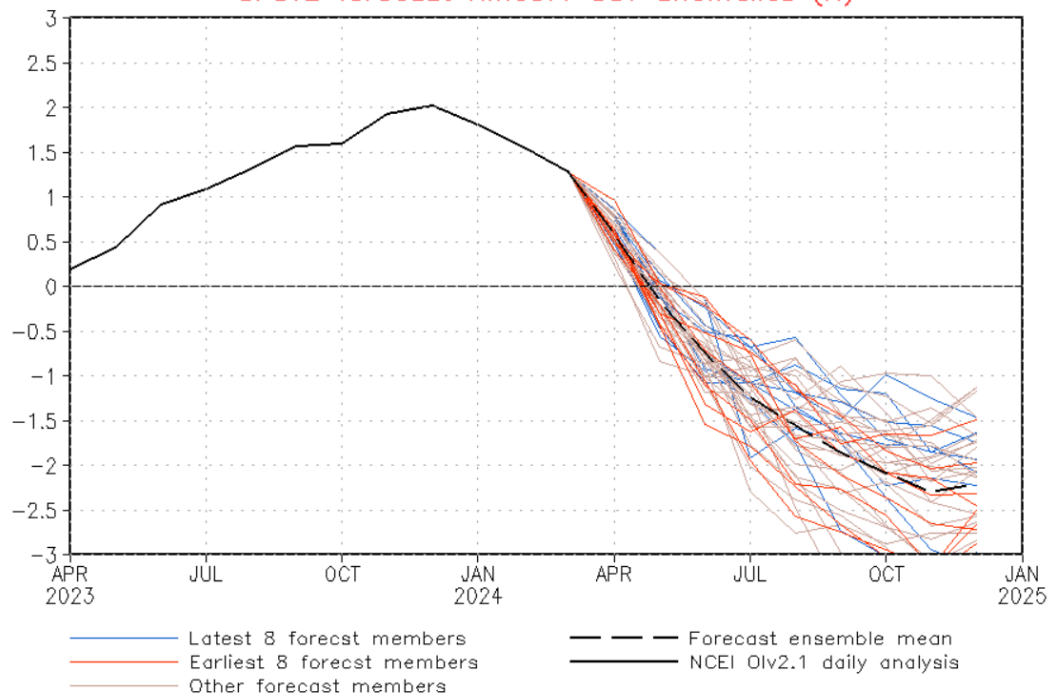
CFS NOAA TSM PRÓXIMOS MESES



NWS/NCEP/CPC

Last update: Wed Mar 20 2024
Initial conditions: 10Mar2024–19Mar2024

CFSv2 forecast Nino3.4 SST anomalies (K)



(Climatology base period: 1991–2020)

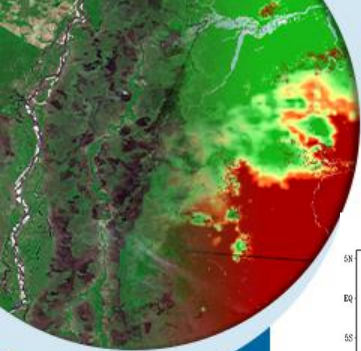


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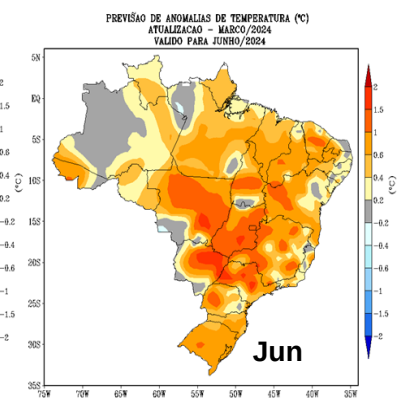
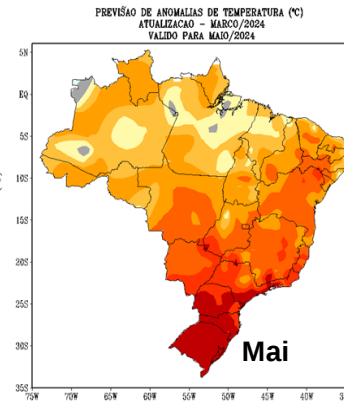
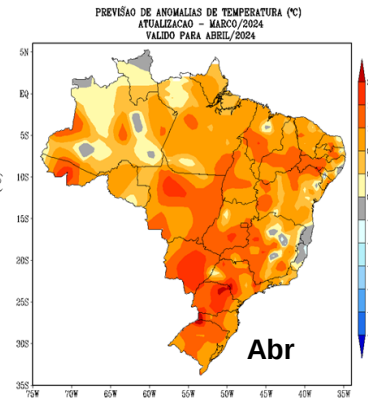
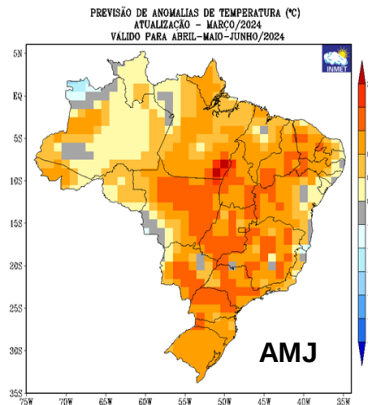
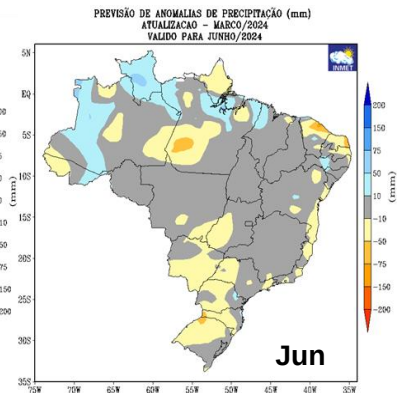
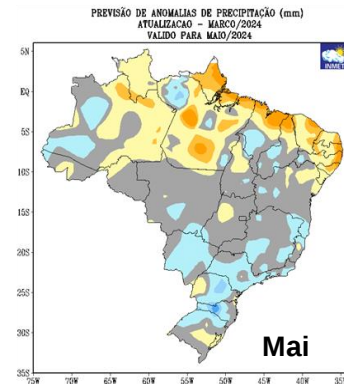
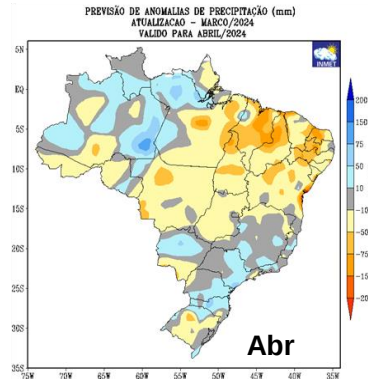
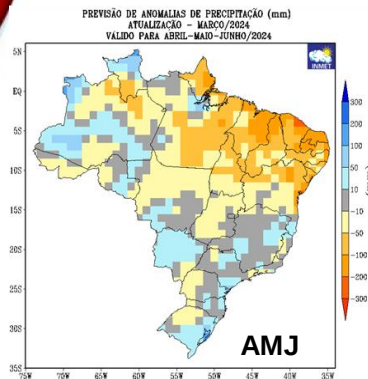
INMET PROGNÓSTICO CLIMÁTICO ABR-MAI-JUN/2024



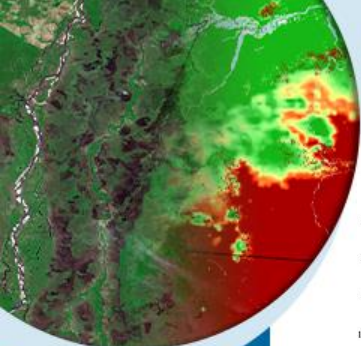
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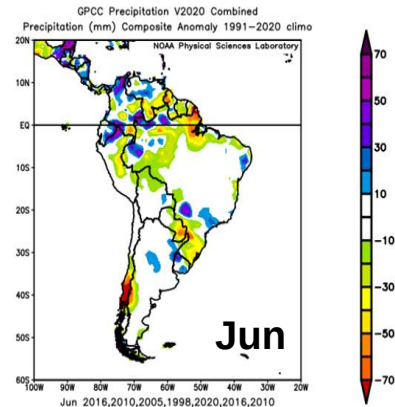
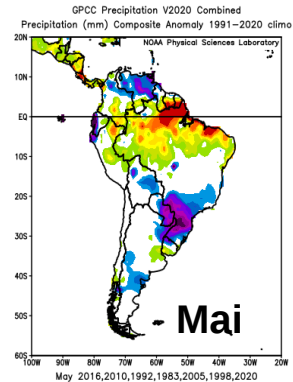
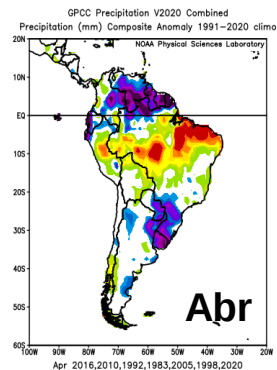
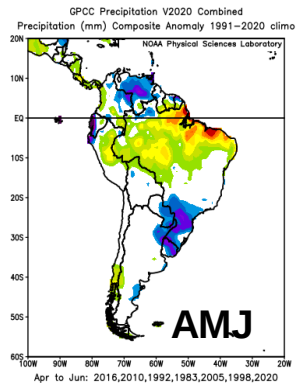
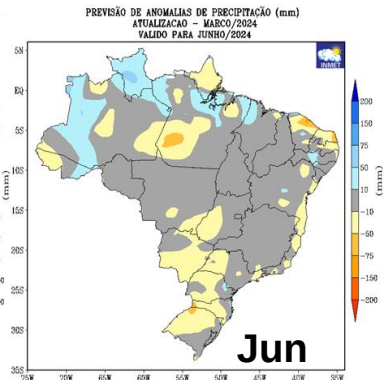
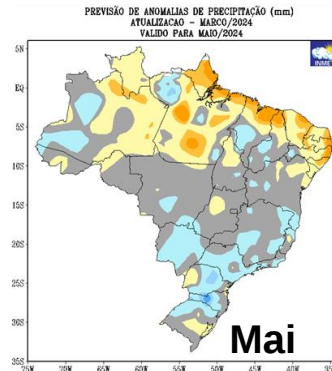
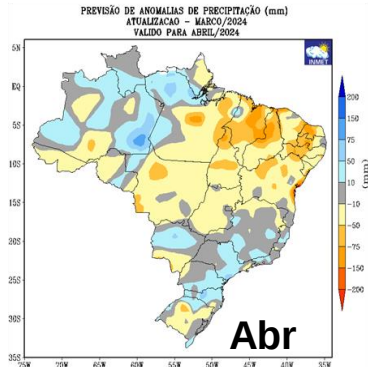
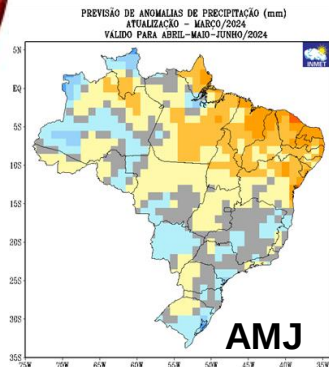
PRECIPITAÇÃO INMET X ANÁLOGOS

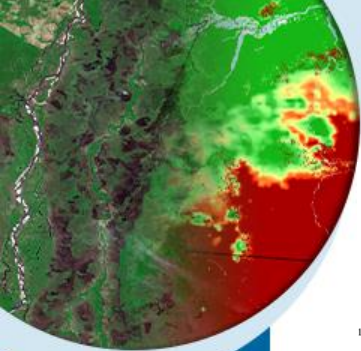


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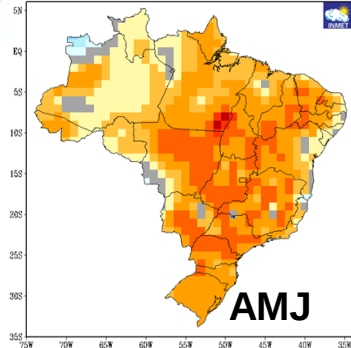


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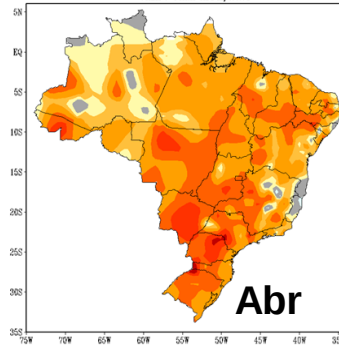
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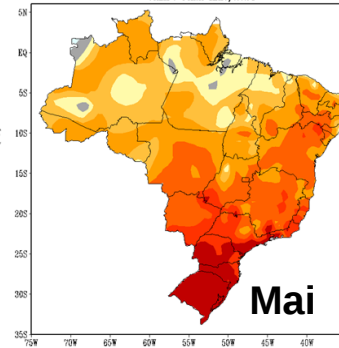
PREVISÃO DE ANOMALIAS DE TEMPERATURA (°C)
ATUALIZAÇÃO - MARÇO/2024
VÁLIDO PARA ABRIL-MAIO-JUNHO/2024



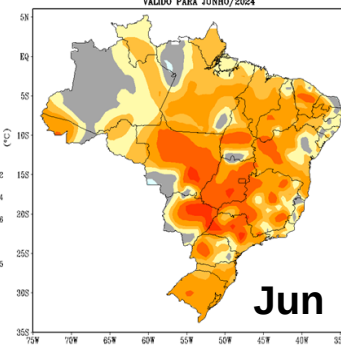
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ATUALIZAÇÃO - MARÇO/2024
VÁLIDO PARA ABRIL/2024



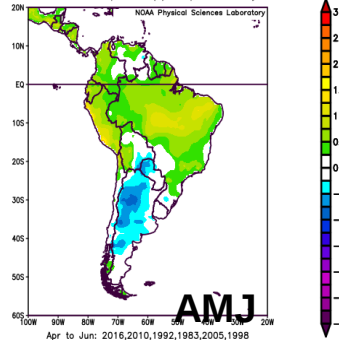
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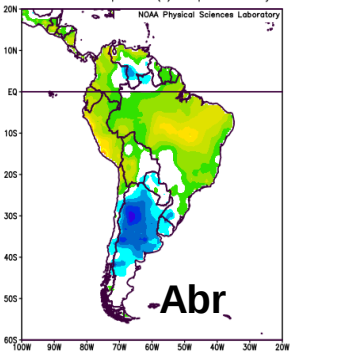
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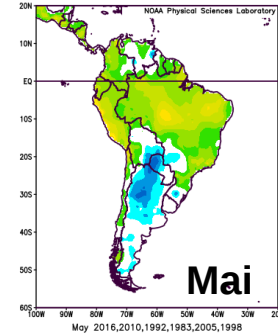
U of Delaware V5.01
Surface Air Temperature (C) Composite Anomaly



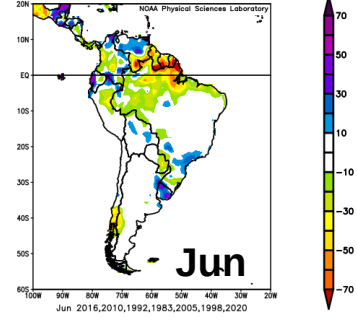
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Surface Air Temperature (C) Composite Anomaly



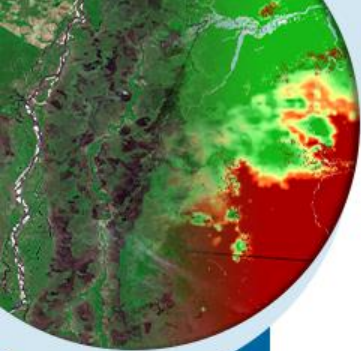
U of Delaware V5.01
Surface Air Temperature (C) Composite Anomaly



GPCC Precipitation V2020 Combined
Precipitation (mm) Composite Anomaly 1991-2020 clima



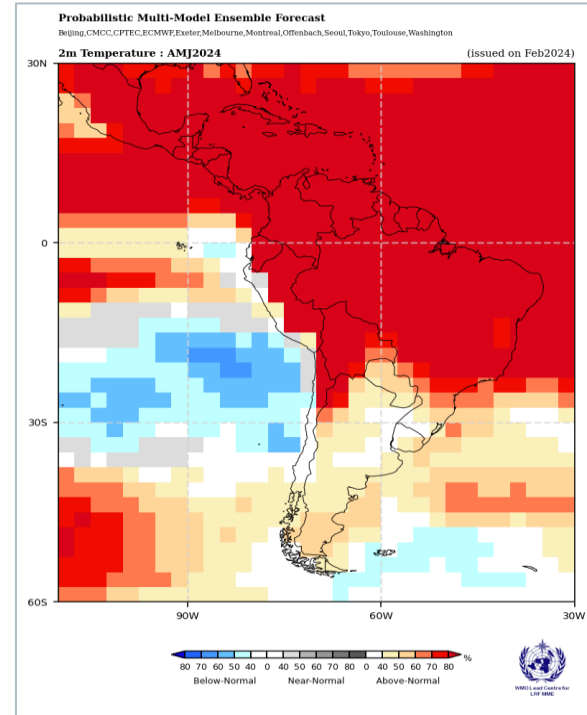
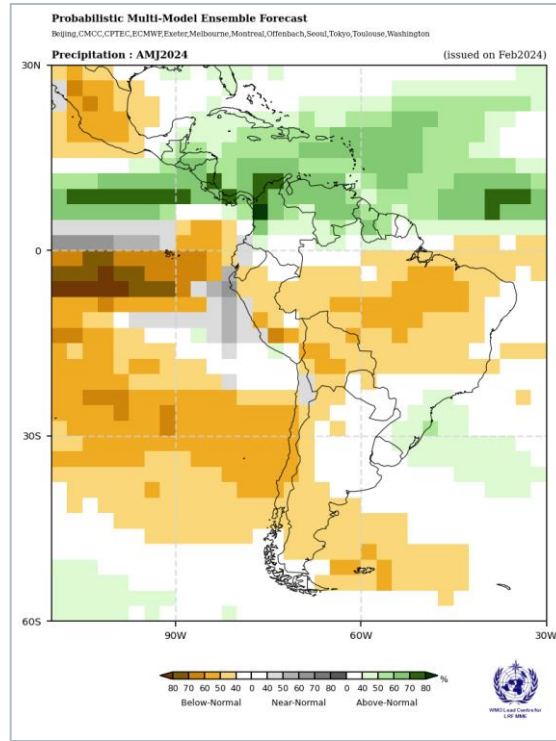
PROGNÓSTICO CLIMÁTICO ABR-MAI-JUN/2024



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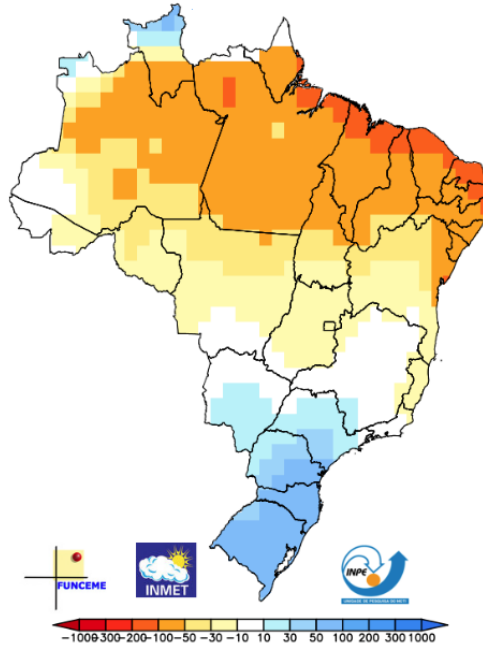


Fonte: https://www.wmolc.org/seasonPmmeUI/plot_PMME

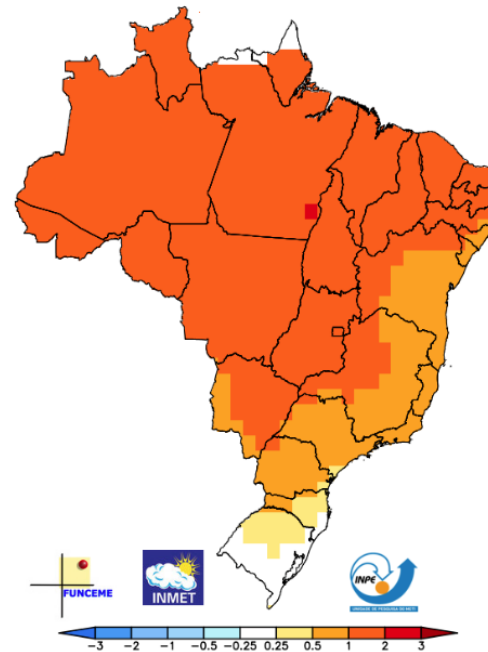
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ABR-MAI-JUN/2024

Previsão de Anomalia de Precipitação AMJ/2024
média [CPTEC1.2+INMET+FUNCEME]



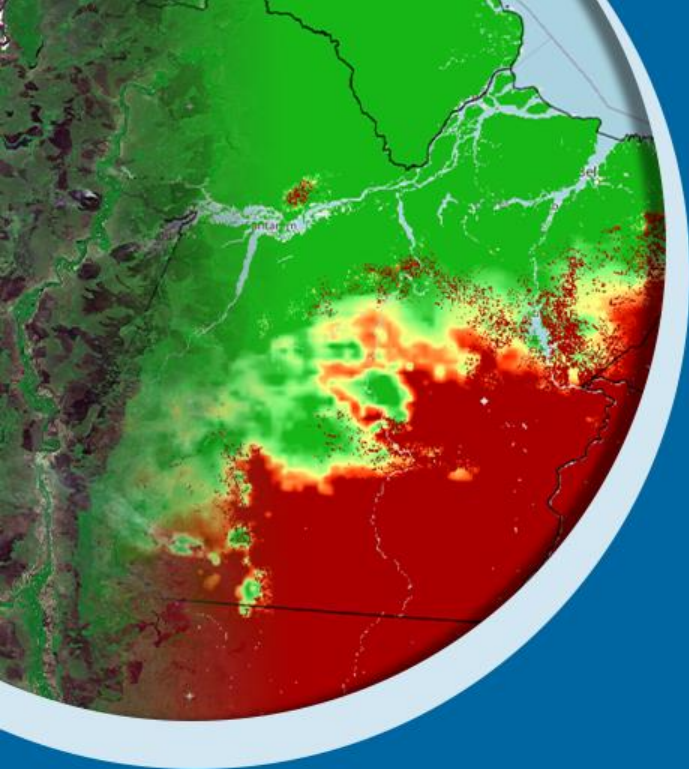
Previsão de Anomalia de Temperatura AMJ/2024
média [CPTEC1.2+INMET+FUNCEME]



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Obrigado pela atenção!

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