

11ª Reunião da Sala de Crise da Região Sul

Condições Observadas/Previstas e Prognóstico Climático JFM/2025

Marcelo Schneider
Meteorologista do INMET



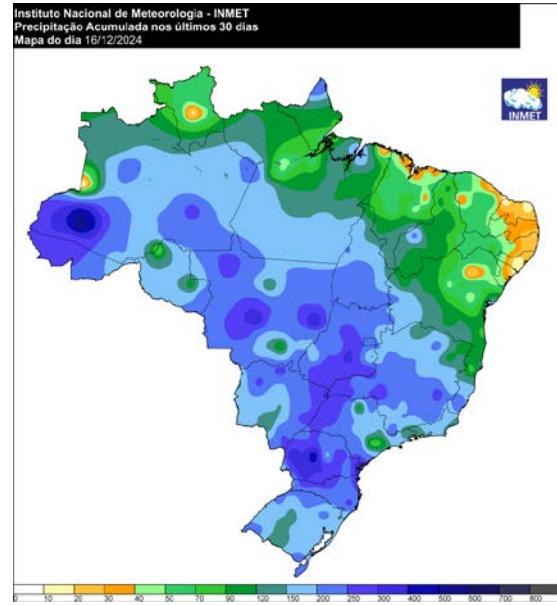
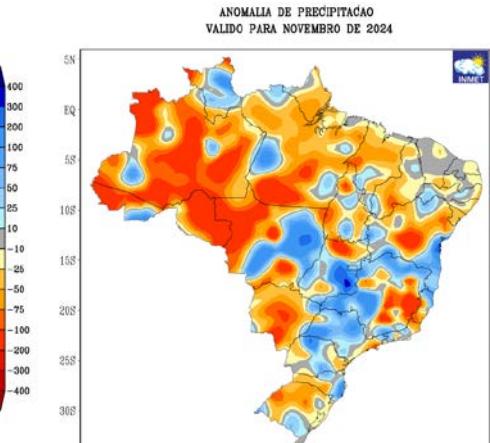
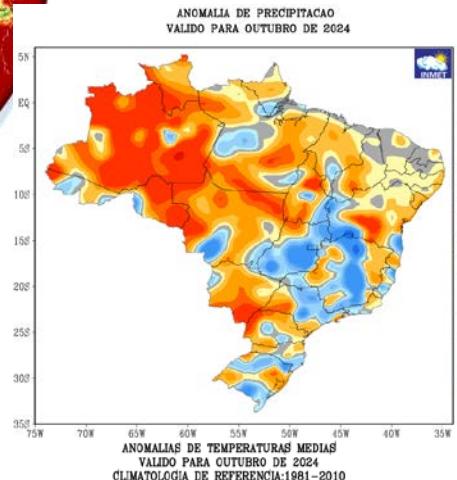
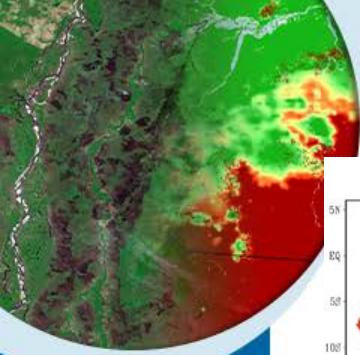
Porto Alegre, 13 de NOVEMBRO de 2024.

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ANOMALIAS E PRECIPITAÇÃO 30 DIAS



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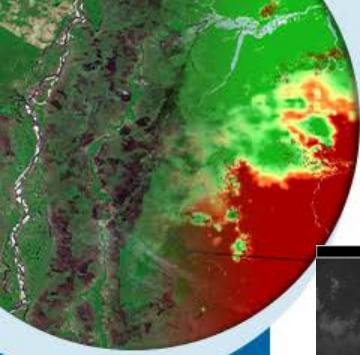
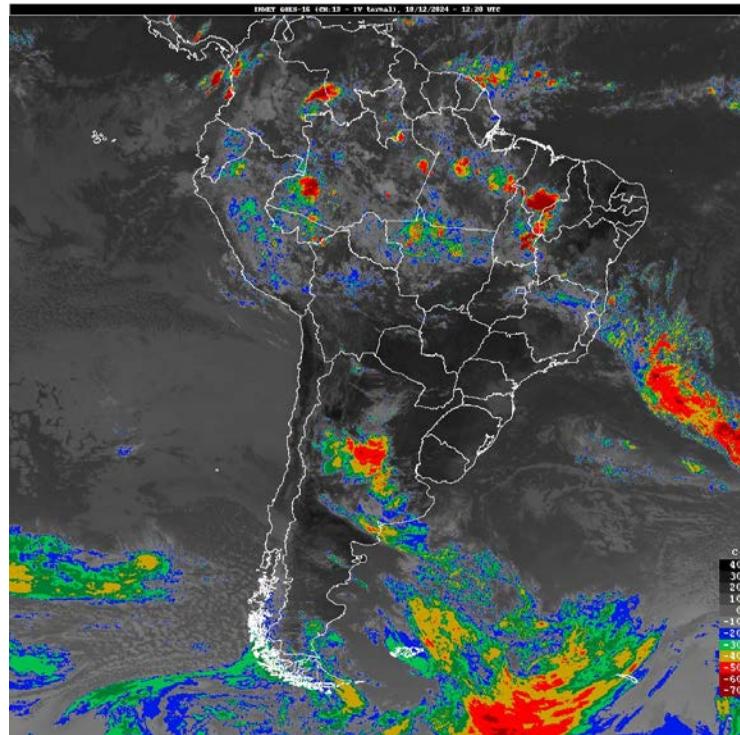
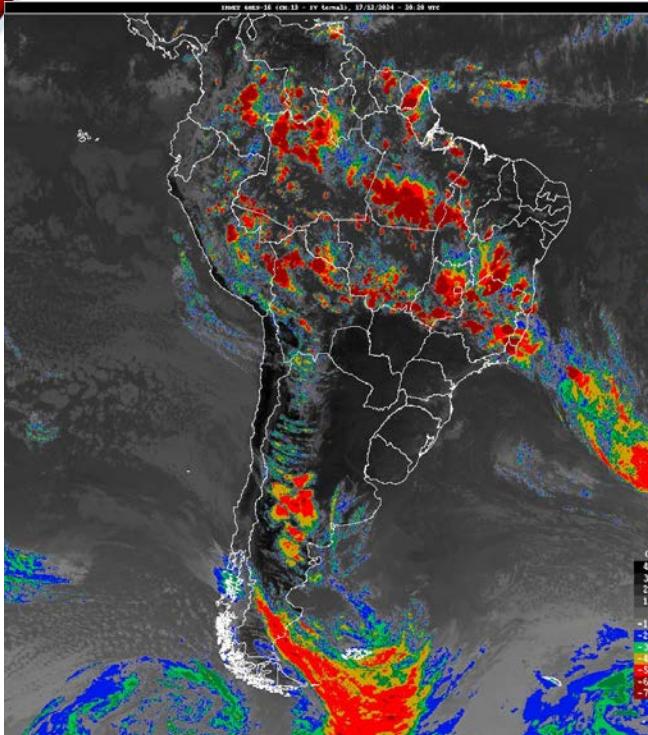
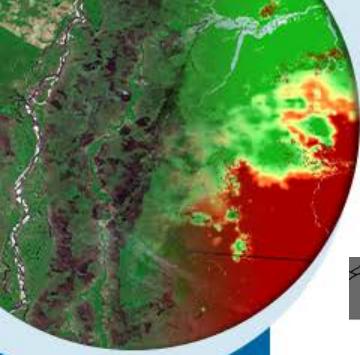


Imagen de satélite Goes- Ir termal

17/12/ 17H20

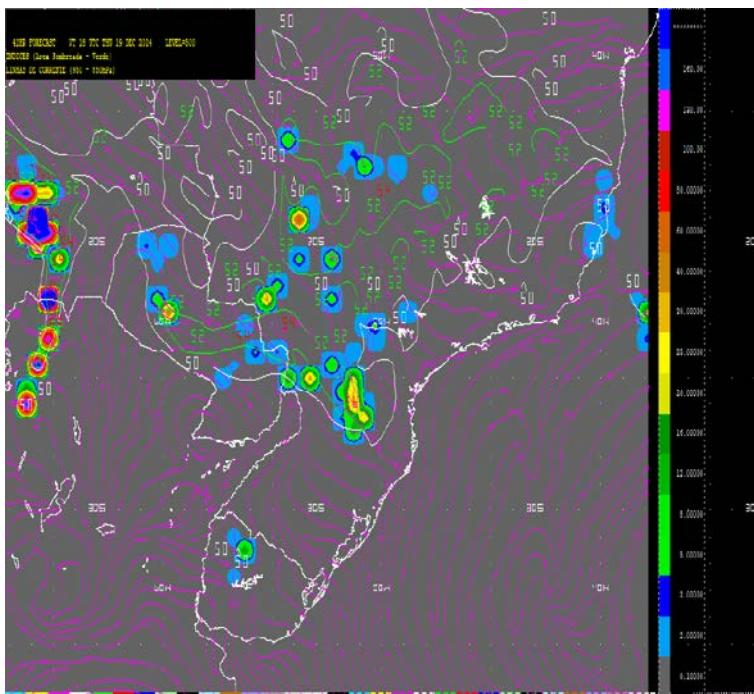
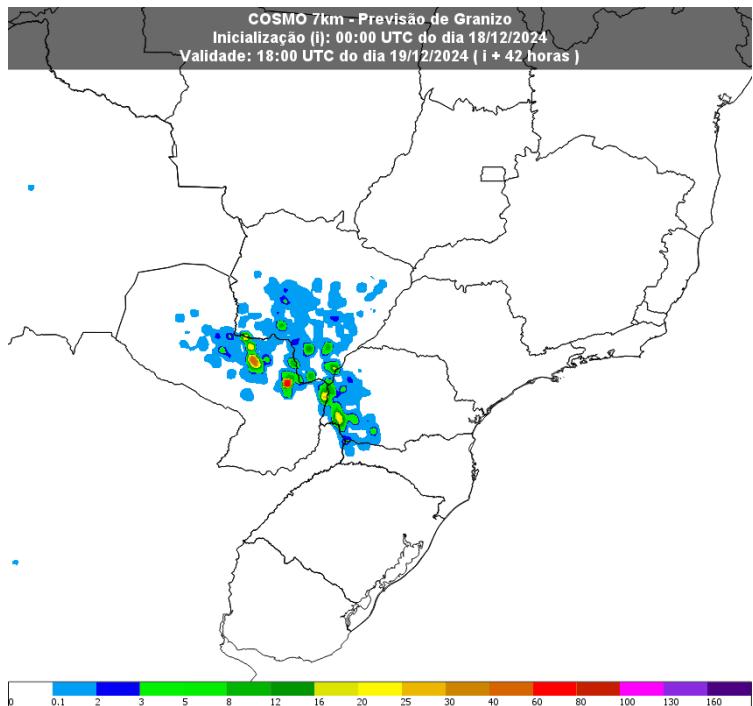
18/12 09H20

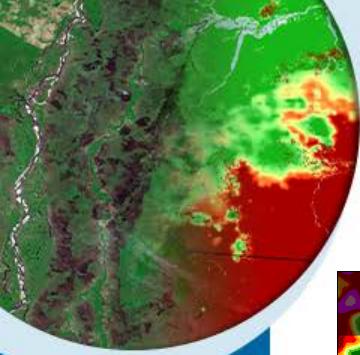




GRANIZO COSMO/GFS

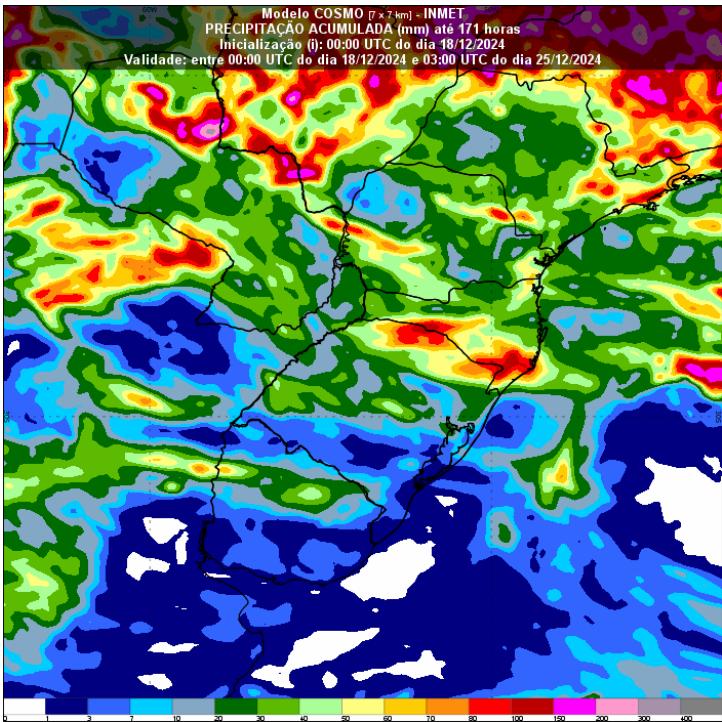
19/12/24 15H



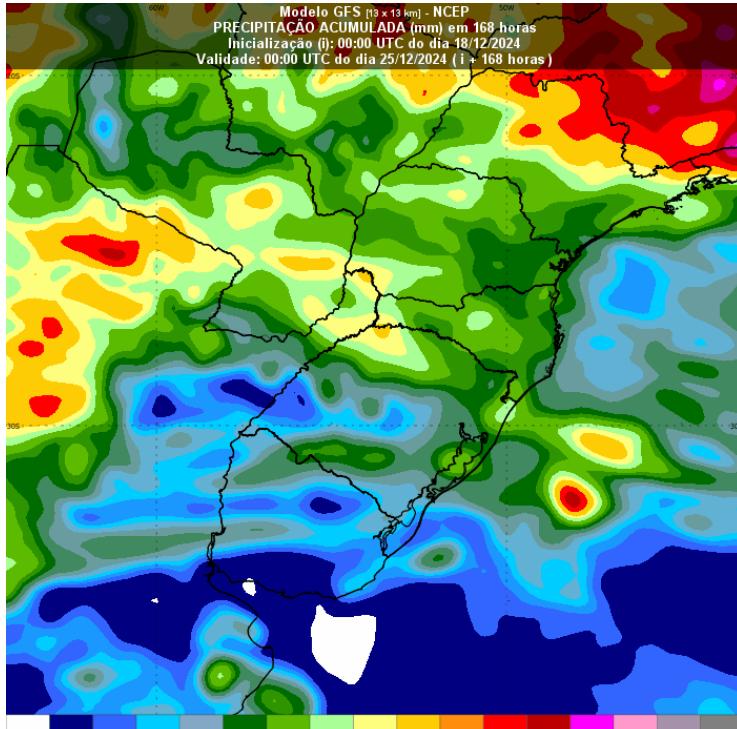


PERCIPITAÇÃO EM 7 DIAS ATÉ 24/12 Terça-feira

COSMO



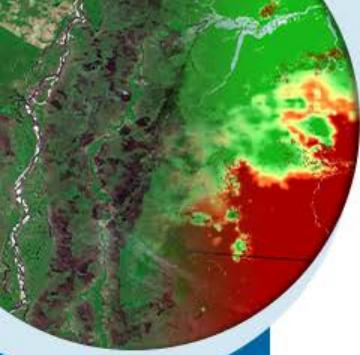
GFS



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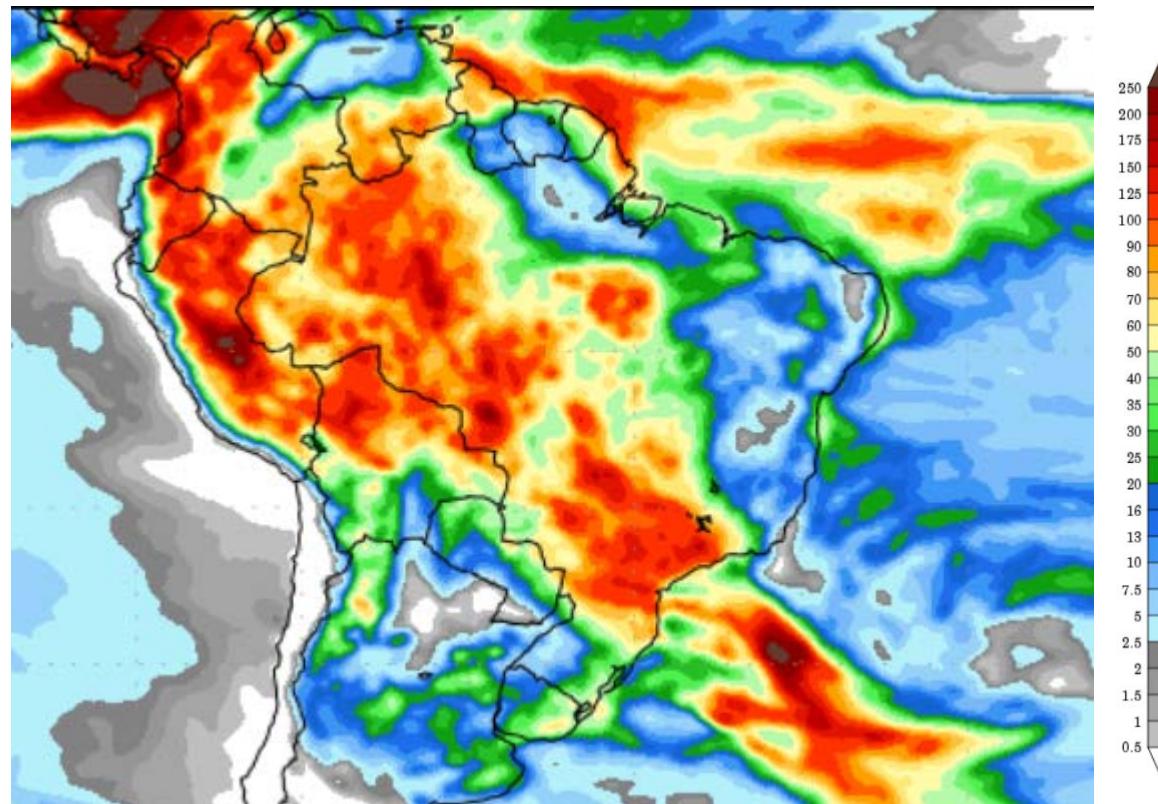


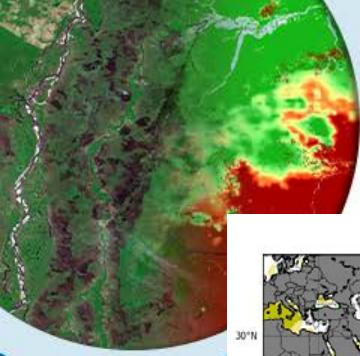
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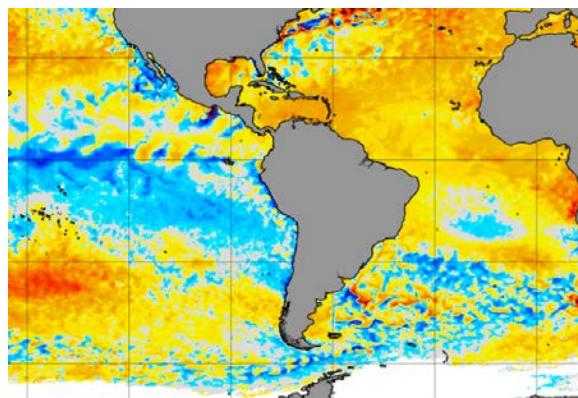
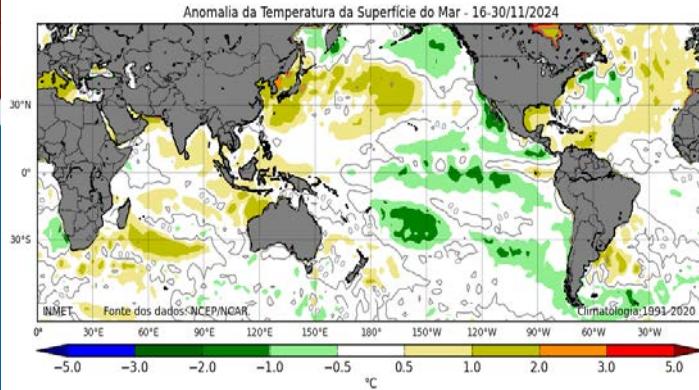
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Acumulada entre 26-02 JAN 2025



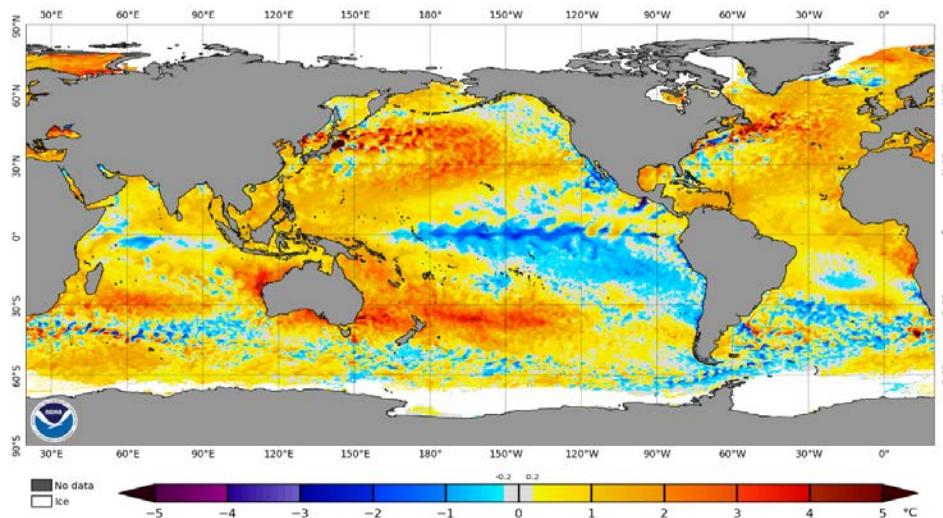


Anomalias Temp sup Mar



Current Operational SST Anomaly Charts

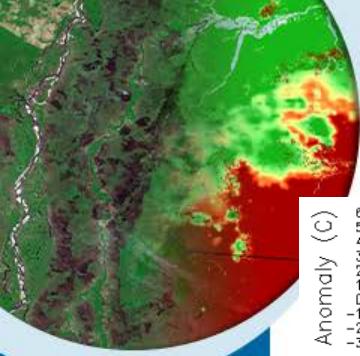
NOAA Coral Reef Watch Daily 5km SST Anomalies (v3.1) 15 Dec 2024



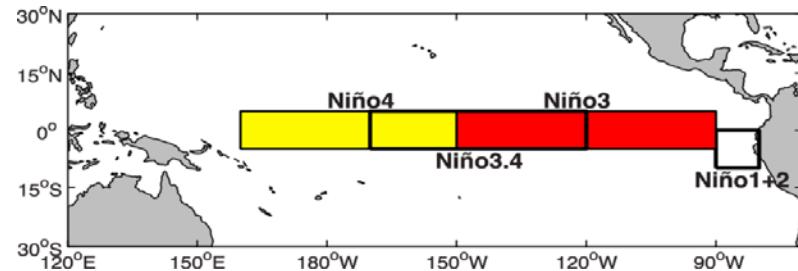
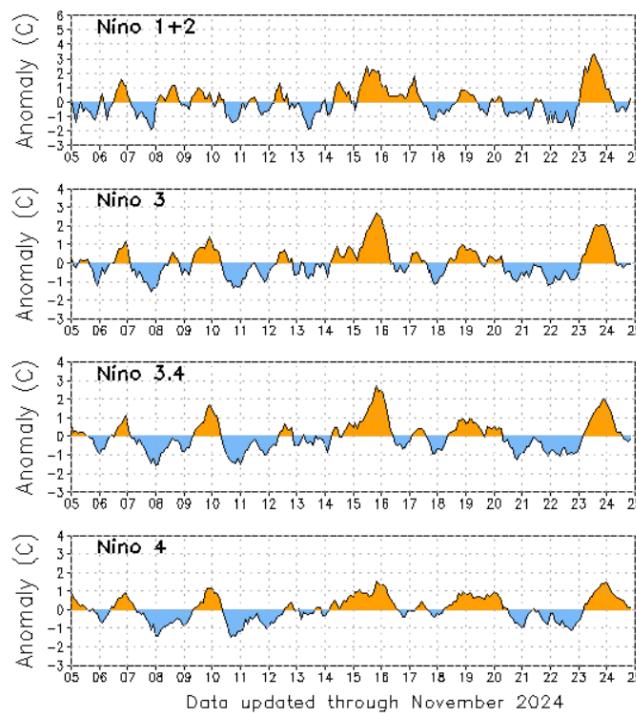
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Oceano Pacífico - Condição da TSM



| Week | Nino1+2 SST SSTA | Nino3 SST SSTA | Nino34 SST SSTA | Nino4 SST SSTA |
|-----------|---------------------|-------------------|--------------------|-------------------|
| 31JUL2024 | 20.9-0.4 | 25.2-0.3 | 26.8-0.2 | 29.0 0.3 |
| 07AUG2024 | 20.9-0.2 | 25.2-0.0 | 27.0 0.0 | 29.1 0.4 |
| 14AUG2024 | 21.0 0.0 | 24.9-0.3 | 26.8-0.1 | 29.3 0.6 |
| 21AUG2024 | 20.6-0.3 | 24.8-0.2 | 26.7-0.0 | 29.2 0.5 |
| 28AUG2024 | 20.2-0.5 | 24.4-0.5 | 26.5-0.2 | 29.1 0.4 |
| 04SEP2024 | 20.3-0.4 | 24.7-0.2 | 26.6-0.1 | 28.8 0.2 |
| 11SEP2024 | 20.5-0.2 | 24.7-0.2 | 26.4-0.2 | 28.8 0.1 |
| 18SEP2024 | 20.8 0.2 | 24.6-0.3 | 26.2-0.5 | 28.8 0.1 |
| 25SEP2024 | 19.9-0.8 | 25.0 0.0 | 26.4-0.2 | 28.9 0.3 |
| 02OCT2024 | 20.3-0.5 | 25.0 0.1 | 26.4-0.3 | 28.9 0.3 |
| 09OCT2024 | 20.4-0.4 | 24.8-0.1 | 26.2-0.5 | 28.7 0.1 |
| 16OCT2024 | 20.9-0.1 | 24.9-0.1 | 26.4-0.3 | 28.7 0.1 |
| 23OCT2024 | 20.9-0.2 | 24.9-0.2 | 26.3-0.5 | 28.6-0.1 |
| 30OCT2024 | 20.8-0.5 | 24.8-0.2 | 26.6-0.2 | 28.9 0.2 |
| 06NOV2024 | 21.3-0.2 | 25.0-0.1 | 26.4-0.3 | 28.8 0.2 |
| 13NOV2024 | 21.9 0.2 | 25.1 0.0 | 26.8 0.0 | 28.9 0.2 |
| 20NOV2024 | 22.7 0.8 | 25.2 0.1 | 26.7-0.1 | 28.8 0.1 |
| 27NOV2024 | 22.5 0.3 | 24.9-0.2 | 26.4-0.3 | 28.5-0.1 |
| 04DEC2024 | 22.5 0.1 | 24.8-0.4 | 26.3-0.3 | 28.3-0.2 |
| 11DEC2024 | 22.5-0.2 | 24.8-0.4 | 26.1-0.6 | 28.1-0.3 |

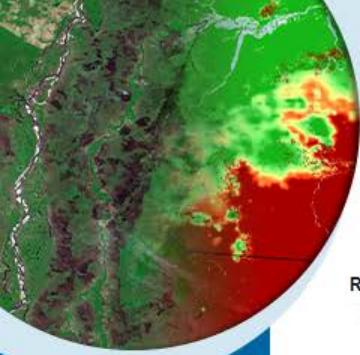


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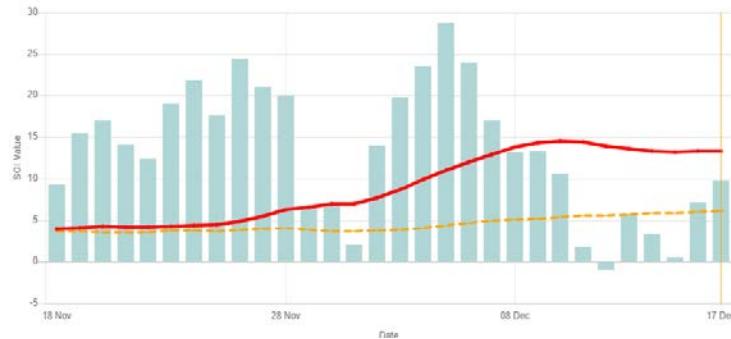
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OSCILAÇÃO, MADDEN JULIAN



OSCILAÇÃO SUL

Recent (preliminary) Southern Oscillation Index values



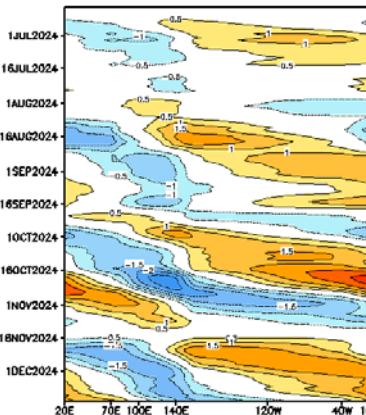
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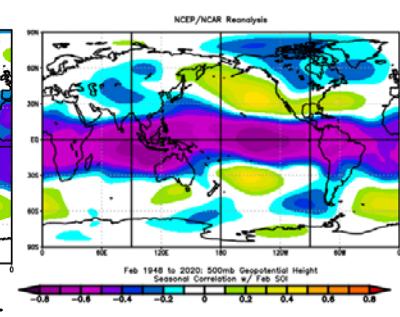
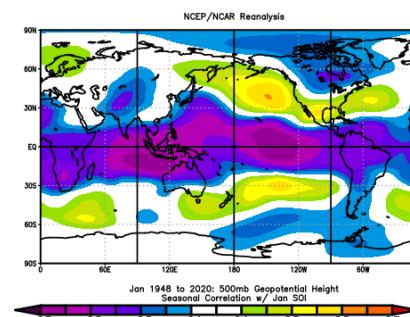
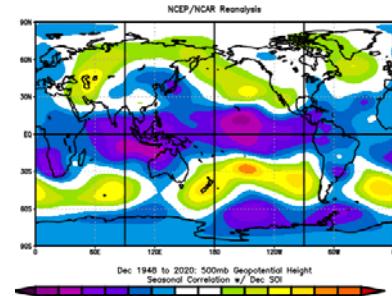
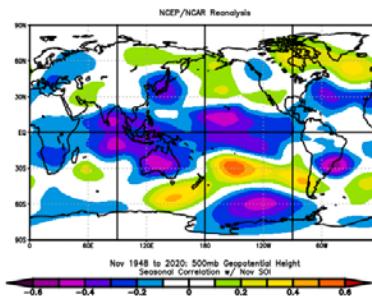
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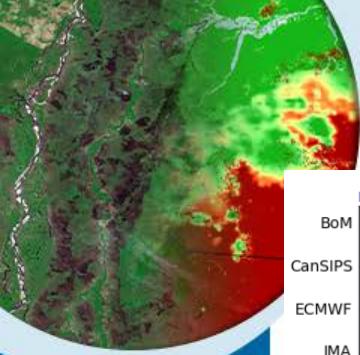
OSCILAÇÃO DE MADDEN-JULIAN

5 -day Running Mean

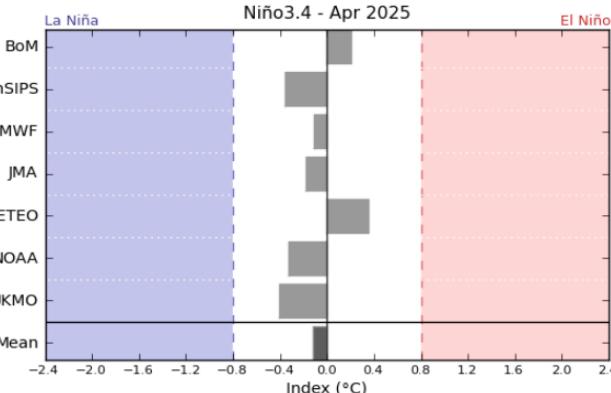
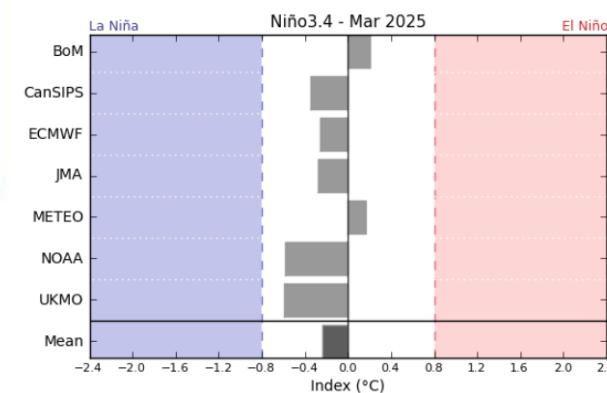
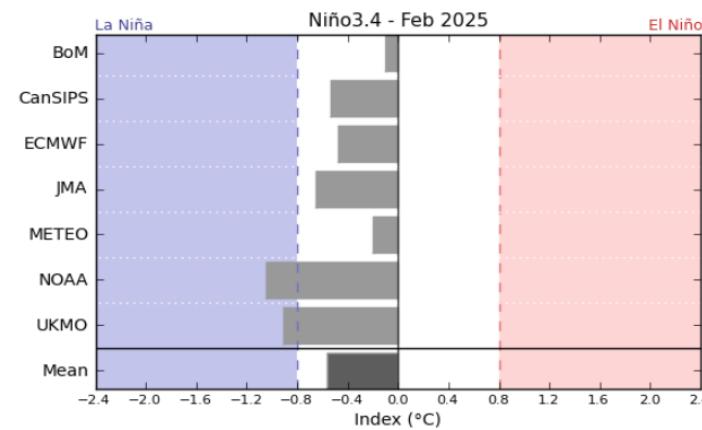
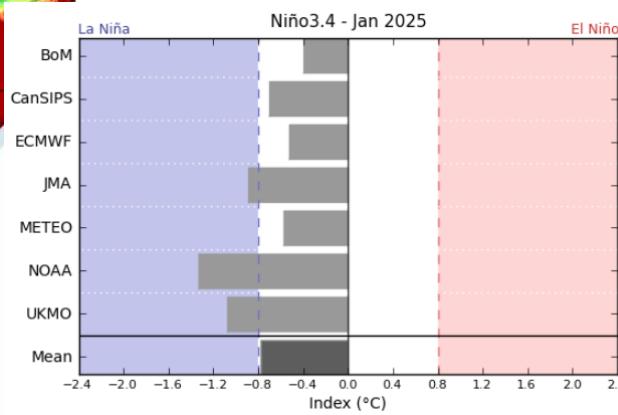


Data updated through 17 Dec 2024





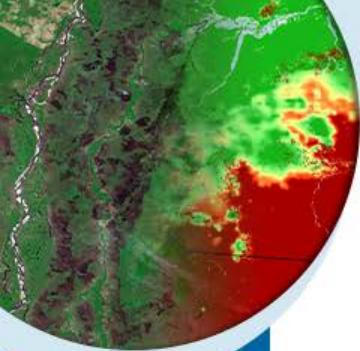
CFS NOAA TSM PRÓXIMOS MESES JAN / ABRIL 2025



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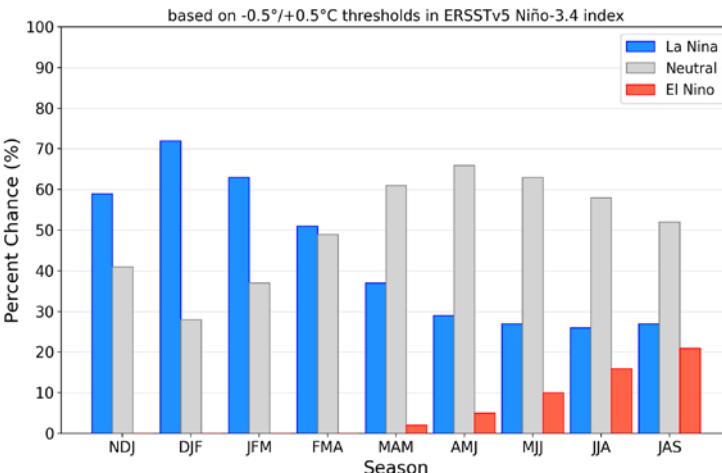
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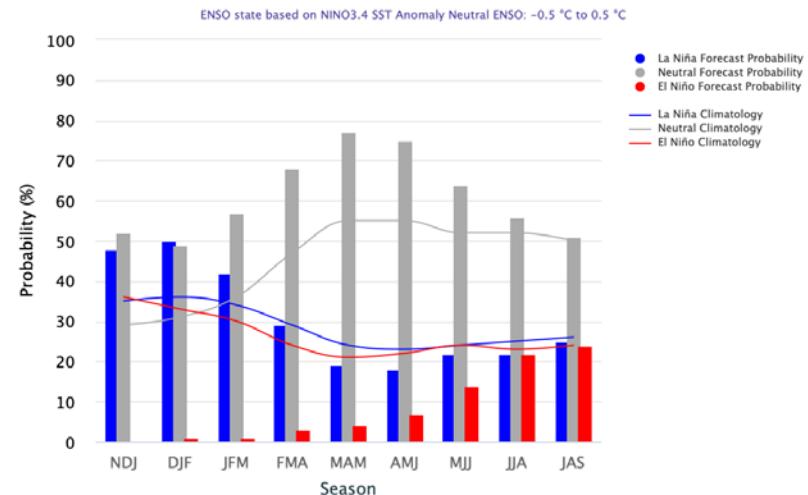


PREVISÕES TSM 3.4

Official NOAA CPC ENSO Probabilities (issued December 2024)



Mid-November 2024 IRI Model-Based Probabilistic ENSO Forecasts



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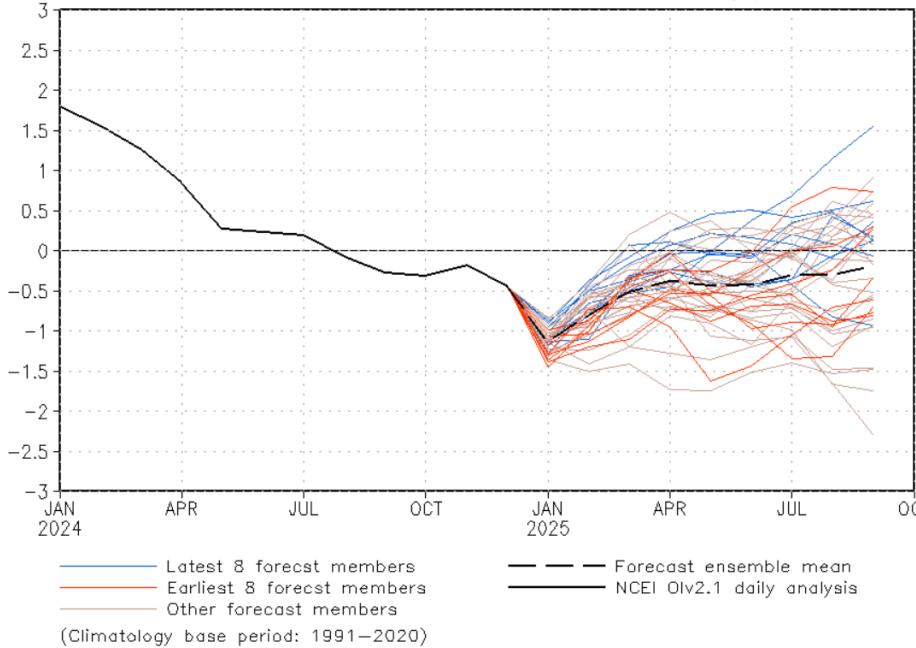
PREVISÕES TSM 3.4

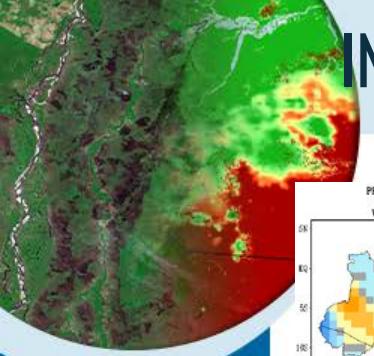


NWS/NCEP/CPC

Last update: Mon Dec 16 2024
Initial conditions: 6Dec2024–15Dec2024

CFSv2 forecast Nino3.4 SST anomalies (K)





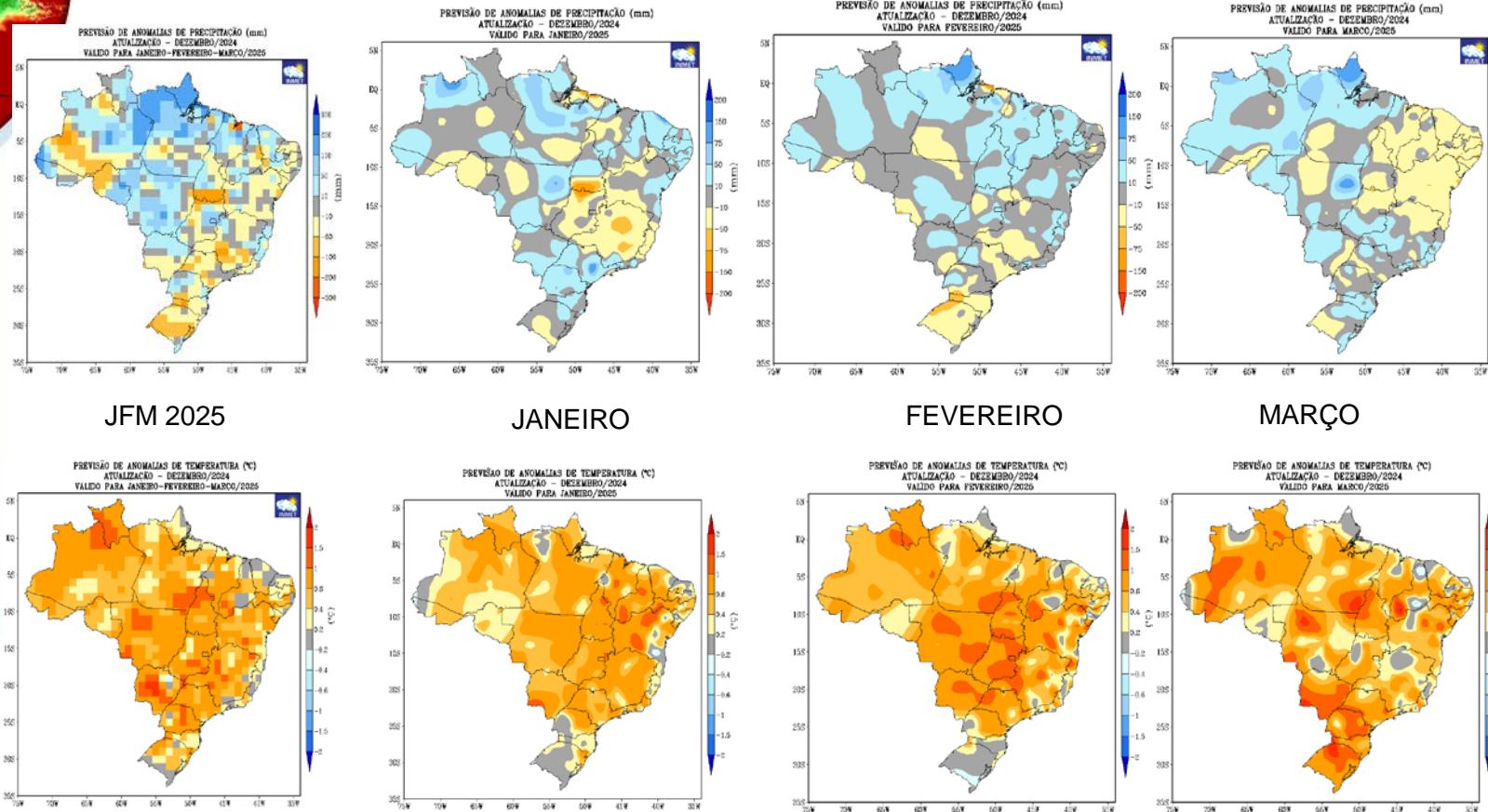
INMET PROGNÓSTICO CLIMÁTICO Jan/MAR 2025

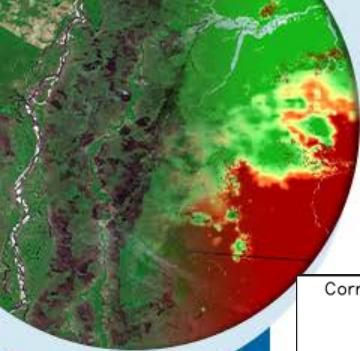


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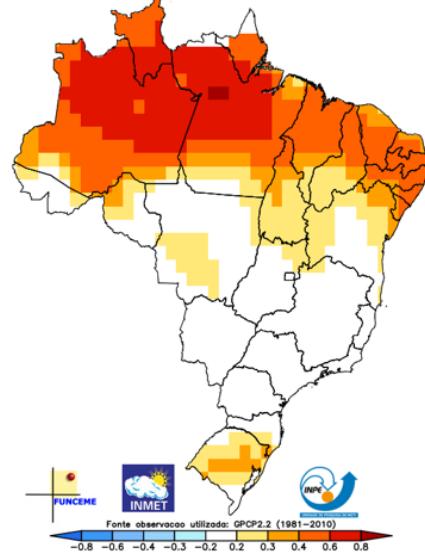
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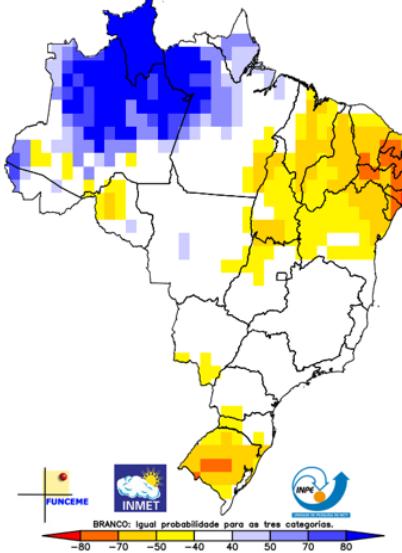


MULTIMODEL

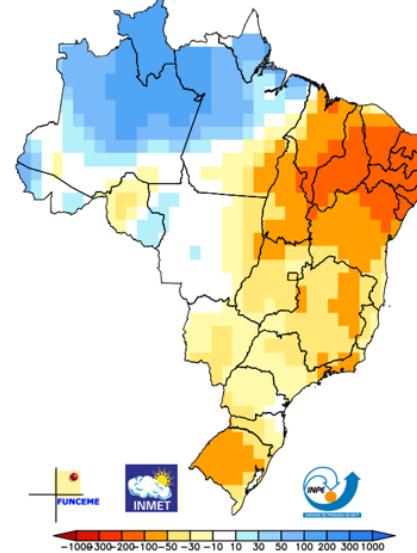
Correlacao de Anomalia de Precipitacao JFM media [CPTEC1.2+INMET+FUNCeme]



Multi-modelo CPTEC/INMET/FUNCeme
Probab. tercil mais provavel: Precip. (%)
Produzida: Dez 2024 Valida para JFM 2025



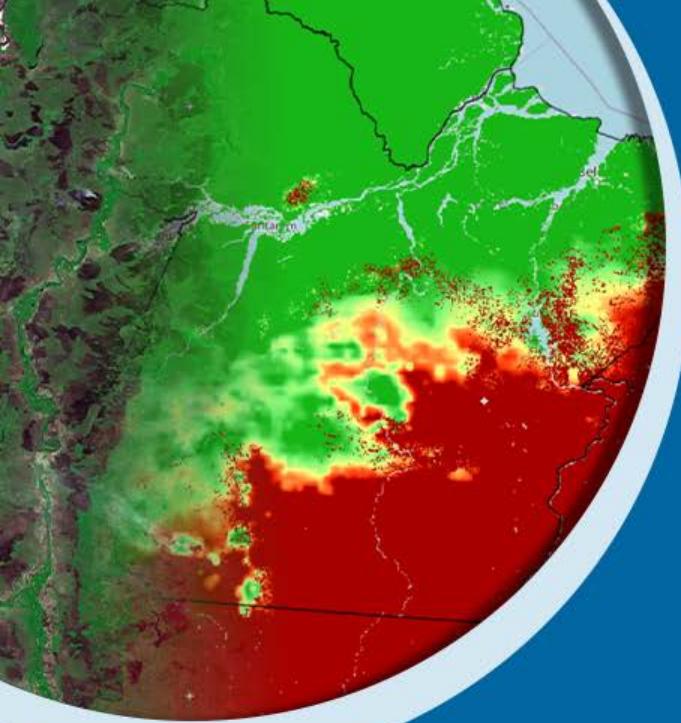
Previsao de Anomalia de Precipitacao JFM/2025 media [CPTEC1.2+INMET+FUNCeme]



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Obrigado pela atenção!

marcelo.schneider@inmet.gov.br



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