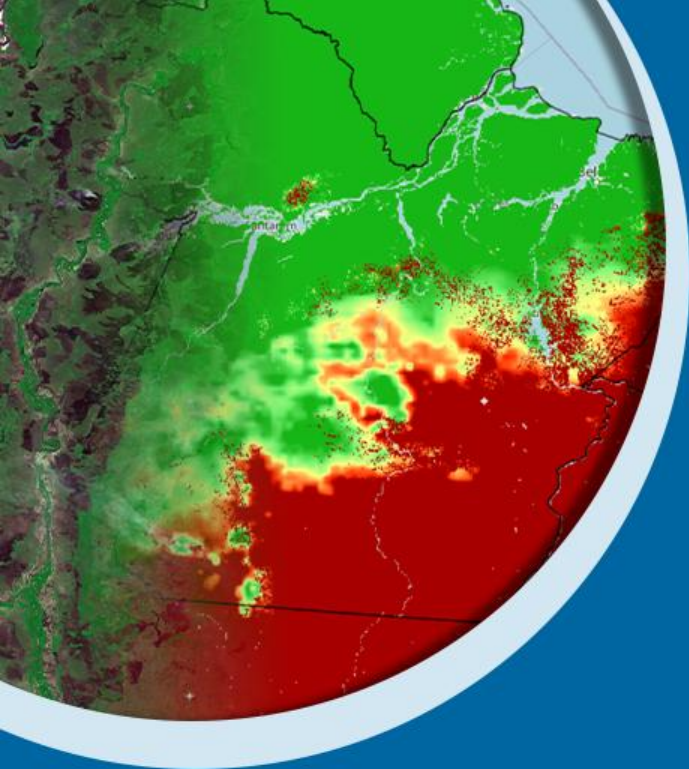




5ª Reunião da Sala de Crise da Região Sul 2026

Condições Observadas e Prognóstico Climático JAS/2026

Marcelo Schneider
Meteorologista do INMET



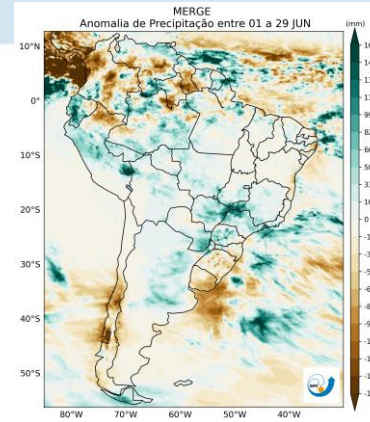
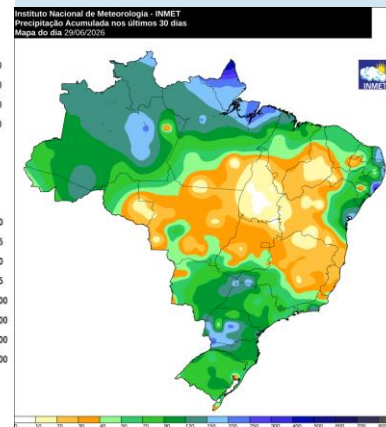
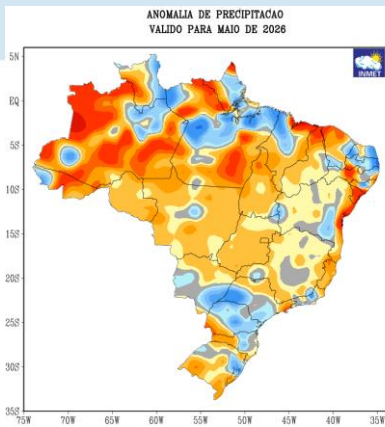
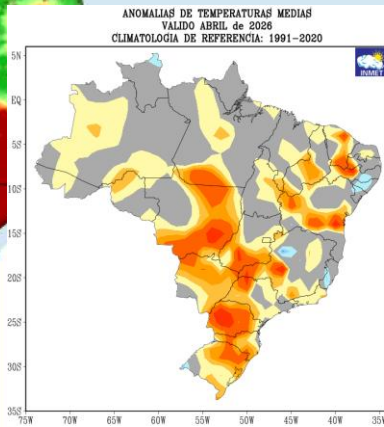
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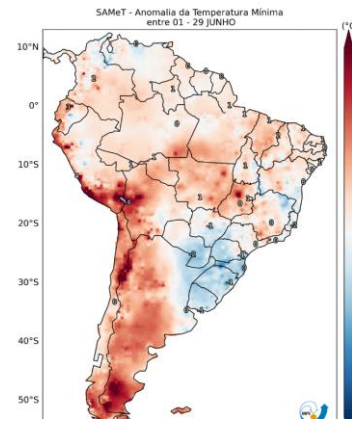
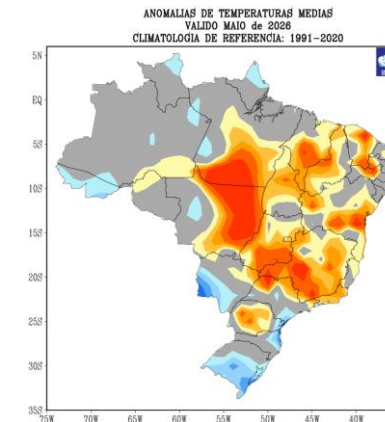
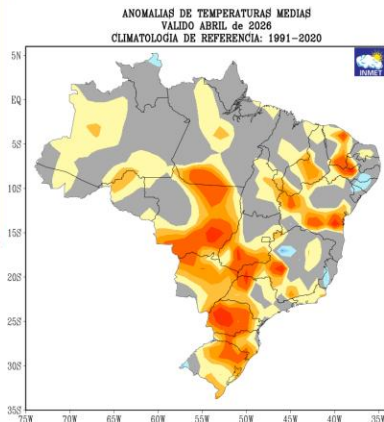


Porto Alegre, 30 de JUNHO de 2026 10h

ANOMALIAS DE PRECIPITAÇÃO



ANOMALIAS DE TEMPERATURA



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The logos of INMET (Instituto Nacional de Meteorologia) and INPE (Instituto Nacional de Pesquisas Espaciais) are displayed. INMET features a sun and a cloud, while INPE features a stylized blue and white circular design with an orange dot.

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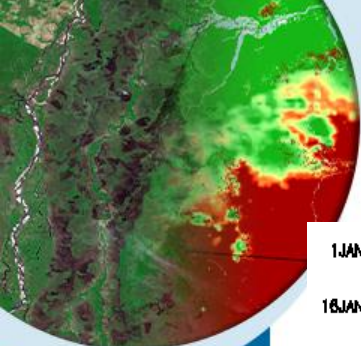
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Degrees K

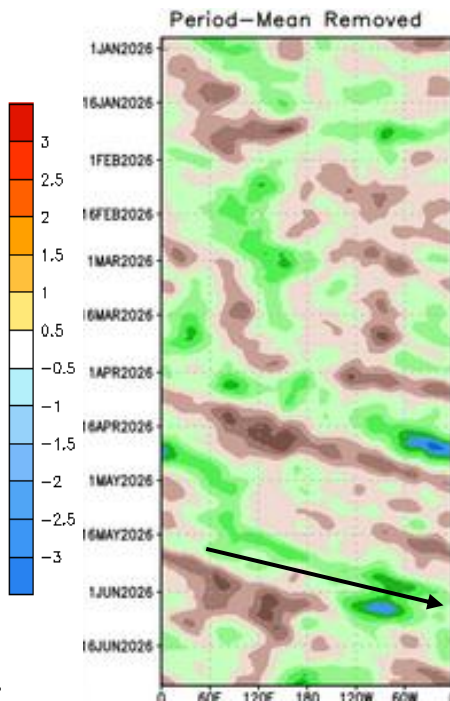
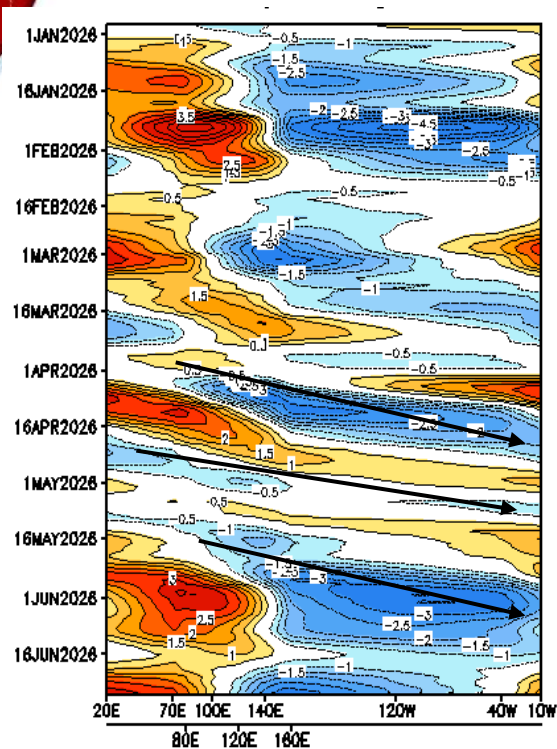
OSCILAÇÃO MADDEN-JULIAN

IMAGEM DE SATÉLITE-GOES

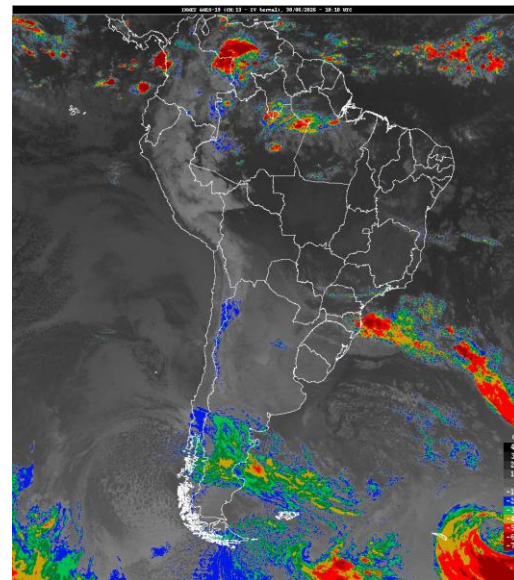


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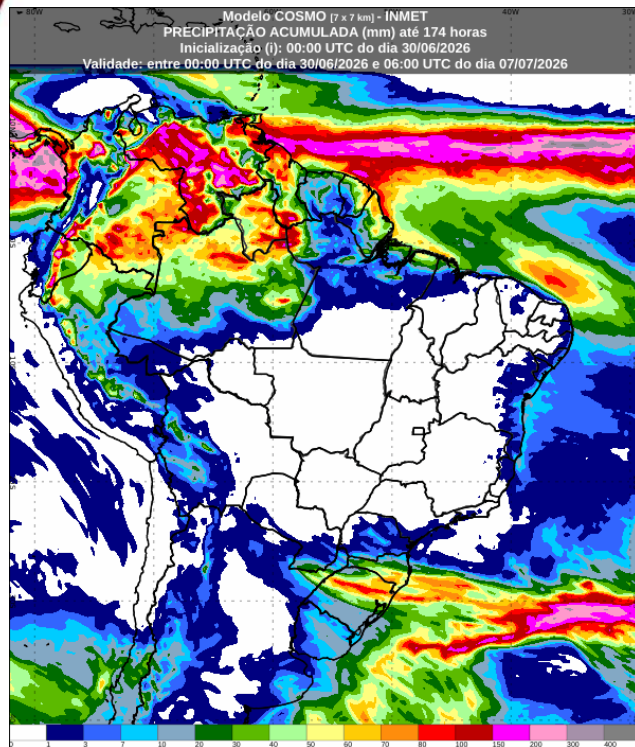


IR 30/06 10H10 UTC

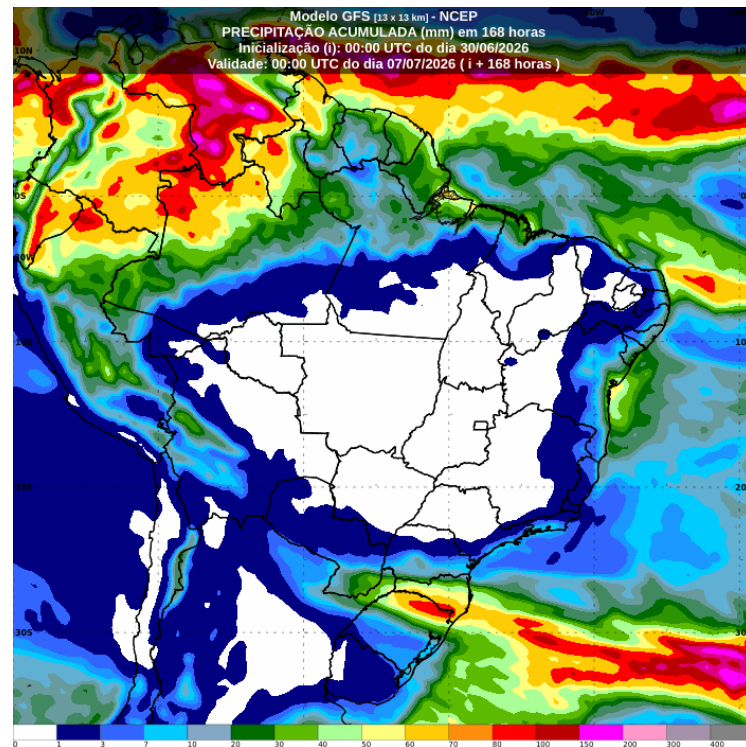


Previsão para os próximos 7 dias: 30/06 a 06/07/2026

COSMO INMET



GFS



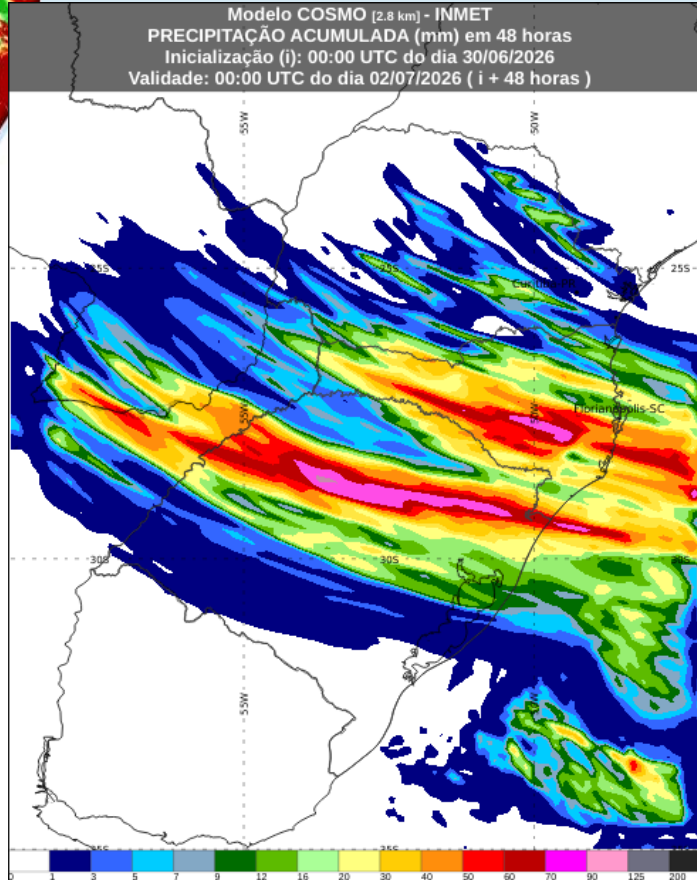
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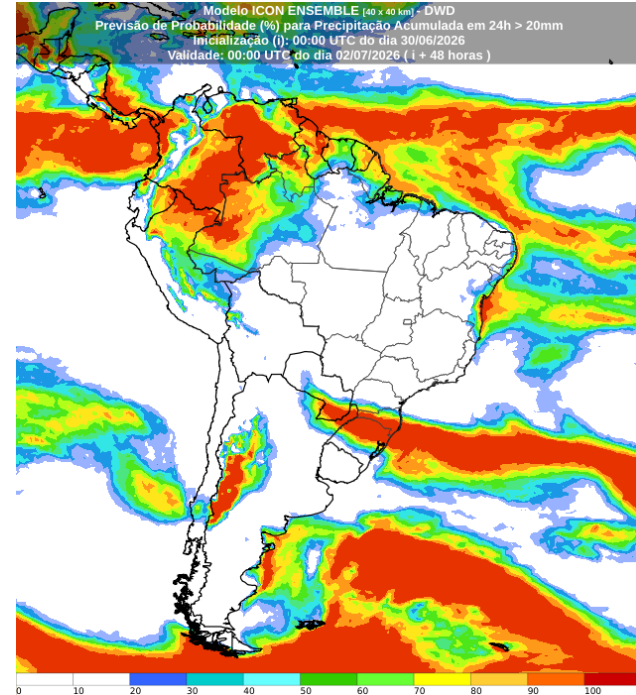
CHUVA 48 H ATÉ 01/07

Modelo COSMO [2.8 km] - INMET
PRECIPITAÇÃO ACUMULADA (mm) em 48 horas
Inicialização (i): 00:00 UTC do dia 30/06/2026
Validade: 00:00 UTC do dia 02/07/2026 (i + 48 horas)



ICON/ PROB >20 mm

Modelo ICON ENSEMBLE [40 x 40 km] - DWD
Previsão de Probabilidade (%) para Precipitação Acumulada em 24h > 20mm
Inicialização (i): 00:00 UTC do dia 30/06/2026
Validade: 00:00 UTC do dia 02/07/2026 (i + 48 horas)



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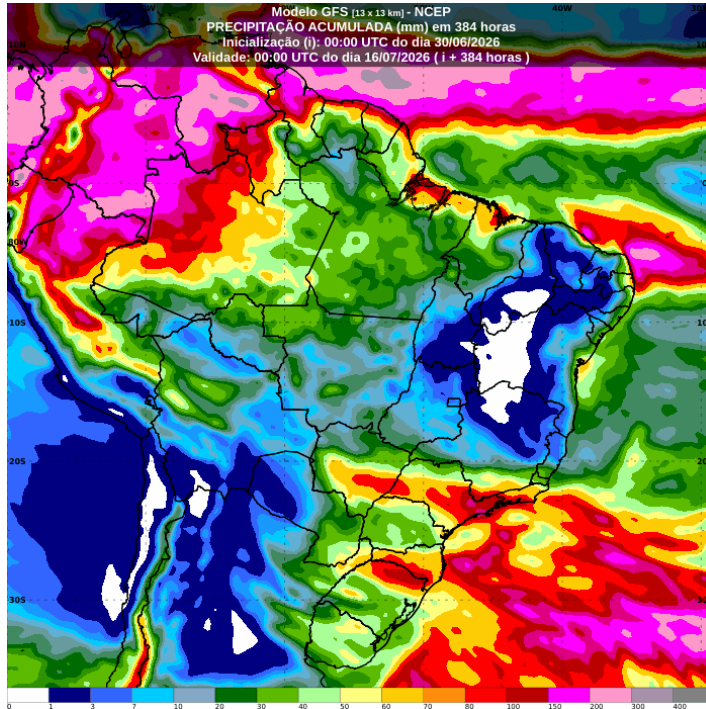
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GFS 15 DIAS

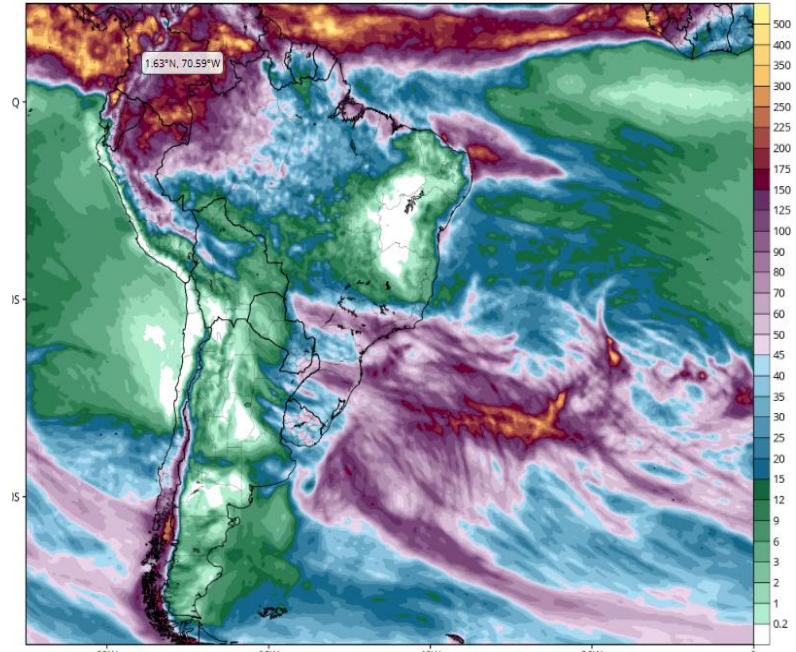
ATÉ 15/07

ENSEMBLE



GFS Total Accumulated Precipitation (mm) from 00z30Jun2026 to 00z16Jul2026
Init: 00z Jun 30 2026 Forecast Hour: [384] valid at 00z Thu, Jul 16 2026

TROPICALTIDBITS.COM



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Condições Globais e Oceânicas

Prognóstico JULHO-AGOSTO-SETEMBRO 2026

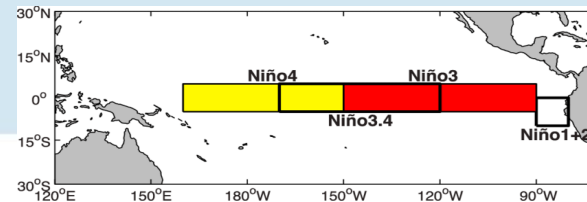
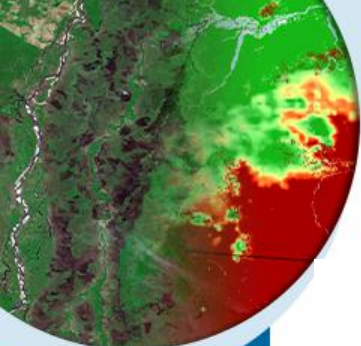


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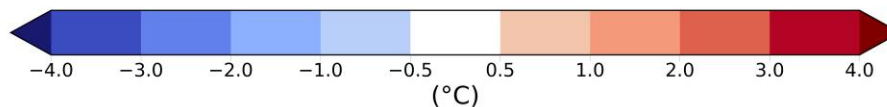
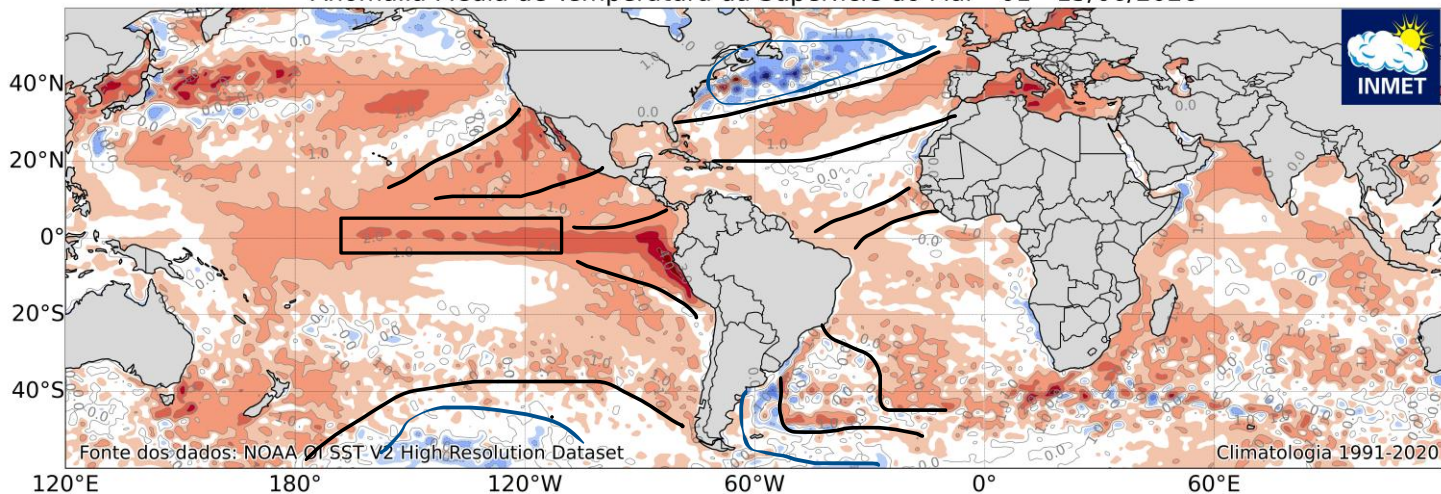
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TSM - Oceanos



Anomalia Média de Temperatura da Superfície do Mar - 01—15/06/2026



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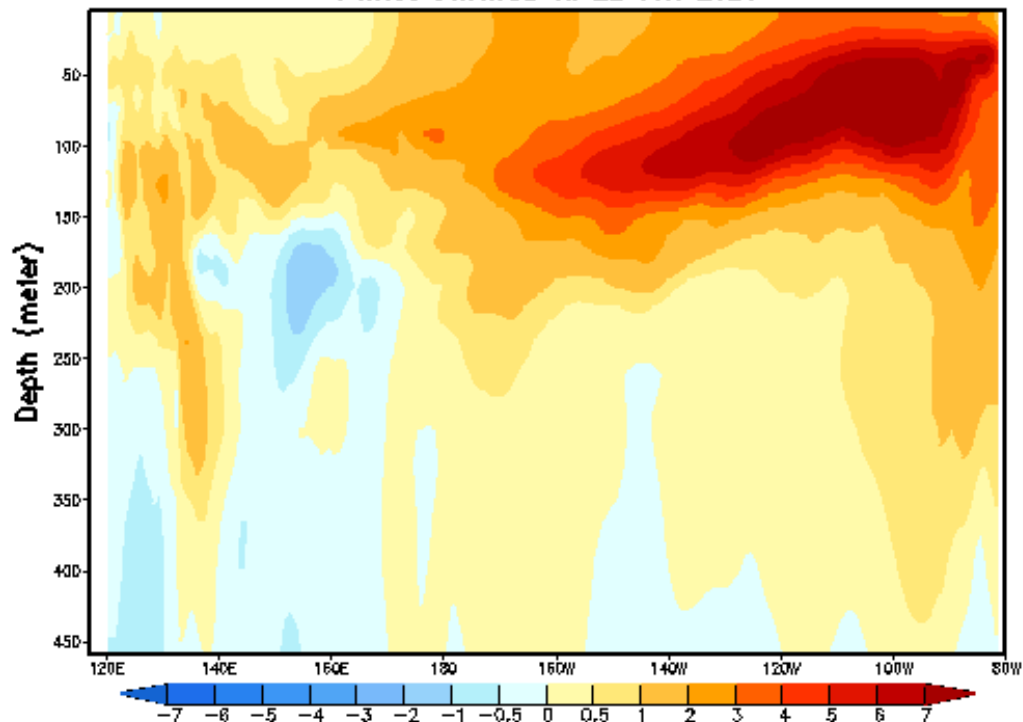
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Temperatura subsuperficial

Equatorial Temperature Anomaly ($^{\circ}\text{C}$)

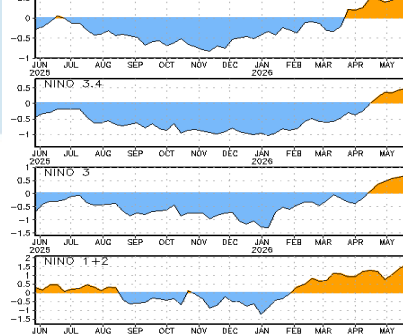
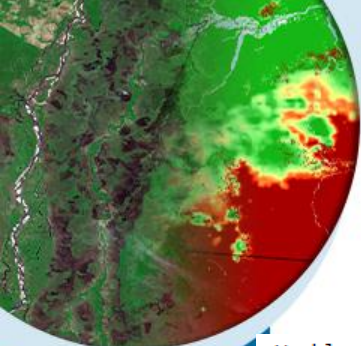
Pentad centered on 22 JUN 2026



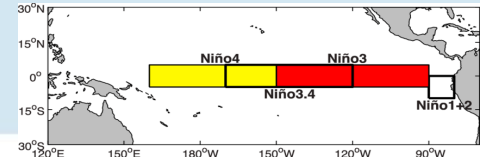
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TSM ANOMALIAS



Year	DJF	JFM	FMA	MAM	AMJ	MJJ	JJA	JAS	ASO	SON	OND	NDJ
2020	0.6	0.6	0.5	0.3	0.0	-0.2	-0.4	-0.5	-0.8	-1.1	-1.2	-1.1
2021	-0.9	-0.8	-0.7	-0.5	-0.4	-0.3	-0.3	-0.4	-0.6	-0.8	-0.9	-0.9
2022	-0.8	-0.8	-0.9	-1.0	-0.9	-0.8	-0.8	-0.9	-1.0	-0.9	-0.8	-0.7
2023	-0.5	-0.3	0.0	0.3	0.6	0.8	1.1	1.4	1.6	1.8	2.0	2.1
2024	1.9	1.6	1.3	0.8	0.5	0.2	0.1	-0.1	-0.2	-0.2	-0.3	-0.4
2025	-0.4	-0.2	-0.1	0.0	0.0	0.0	-0.1	-0.3	-0.4	-0.5	-0.6	-0.5
2026	-0.4	-0.1	0.1	0.5								

Weekly SST data starts week centered on 23sept1981

Week	Nino1+2 SST SSTA	Nino3 SST SSTA	Nino34 SST SSTA	Nino4 SST SSTA								
04FEB2026	26.2 0.6	25.9 -0.1	26.1 -0.4	28.1 -0.0	04FEB2026	0.3	-0.5	-0.9	-0.4			
11FEB2026	26.7 0.8	26.2 0.0	26.4 -0.2	28.3 0.2	11FEB2026	0.5	-0.4	-0.6	-0.1			
18FEB2026	27.3 1.1	26.5 0.1	26.6 -0.1	28.4 0.3	18FEB2026	1.0	-0.4	-0.5	0.0			
25FEB2026	27.4 1.0	26.6 0.0	26.7 -0.1	28.4 0.3	25FEB2026	0.7	-0.5	-0.6	-0.1			
04MAR2026	27.6 1.0	27.0 0.2	26.8 -0.1	28.2 0.1	04MAR2026	0.7	-0.3	-0.7	-0.3			
11MAR2026	28.0 1.4	27.4 0.4	27.0 -0.1	28.3 0.1	11MAR2026	1.2	0.0	-0.6	-0.3			
18MAR2026	27.9 1.4	27.5 0.3	27.3 0.0	28.4 0.3	18MAR2026	1.2	-0.2	-0.6	-0.1			
25MAR2026	27.6 1.3	27.5 0.1	27.5 0.1	28.8 0.6	25MAR2026	0.9	-0.4	-0.3	0.2			
01APR2026	27.4 1.3	27.5 0.1	27.6 0.1	28.9 0.6	01APR2026	0.8	-0.3	-0.3	0.2			
08APR2026	27.5 1.6	27.8 0.3	27.9 0.2	29.1 0.7	08APR2026	1.1	-0.1	-0.2	0.3			
15APR2026	27.4 1.7	28.1 0.6	28.3 0.5	29.4 0.9	15APR2026	1.2	0.2	0.1	0.6			
22APR2026	27.1 1.8	28.4 0.9	28.6 0.8	29.6 1.0	22APR2026	0.9	0.3	0.2	0.5			
29APR2026	26.4 1.3	28.4 1.0	28.8 0.9	29.5 0.9	29APR2026	0.6	0.4	0.4	0.5			
06MAY2026	26.5 1.6	28.4 1.0	28.7 0.8	29.6 0.9	06MAY2026	1.0	0.5	0.4	0.5			
13MAY2026	26.5 1.9	28.4 1.1	28.8 0.9	29.8 1.0	13MAY2026	1.3	0.6	0.4	0.6			
20MAY2026	26.4 2.1	28.3 1.2	28.8 0.9	29.8 1.0	20MAY2026	1.6	0.7	0.5	0.6			
27MAY2026	26.2 2.2	28.2 1.3	28.8 1.0	29.9 1.1	27MAY2026	1.7	0.8	0.5	0.7			
03JUN2026	26.2 2.5	28.3 1.5	29.1 1.3	30.0 1.2	03JUN2026	2.0	0.9	0.7	0.7			
10JUN2026	26.1 2.7	28.3 1.6	29.2 1.5	30.1 1.3	10JUN2026	2.1	1.0	0.9	0.8			
17JUN2026	26.1 3.0	28.5 1.9	29.3 1.7	30.2 1.3	17JUN2026	2.4	1.3	1.1	0.8			
24JUN2026	25.9 3.1	28.4 2.1	29.3 1.8	30.0 1.2	24JUN2026	2.5	1.5	1.2	0.6			

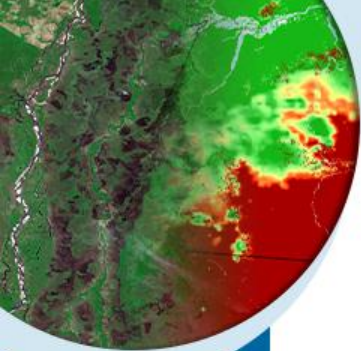


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OSCILAÇÃO SUL NEGATIVA DESDE ABRIL 2026

SOI values for 30 Jun, 2026

Average SOI for last 30 days	-17.62
Average SOI for last 90 days	-13.66
Daily contribution to SOI calculation	-10.83

Monthly average SOI values

Apr	-9.88
May	-13.22
Jun	-17.62

☒ 30 day Av. SOI

☐ 90 day Av. SOI

☐ Daily contribution

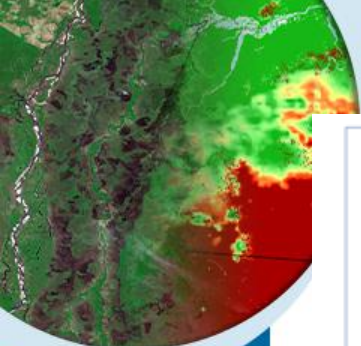
Date	Tahiti (hPa)	Darwin (hPa)	Daily Contribution	30 day Av. SOI	90 day Av. SOI
30 Jun 2026	1012.80	1013.05	-10.83	-17.62	-13.66
29 Jun 2026	1012.75	1013.40	-13.64	-17.76	-13.60
28 Jun 2026	1012.86	1013.25	-11.81	-18.18	-13.58
27 Jun 2026	1012.55	1014.05	-19.61	-18.90	-13.55
26 Jun 2026	1013.54	1015.20	-20.74	-19.02	-13.43
25 Jun 2026	1014.46	1015.15	-13.92	-18.54	-13.33
24 Jun 2026	1013.84	1015.15	-18.28	-18.25	-13.31
23 Jun 2026	1013.48	1015.45	-22.92	-18.48	-13.21
22 Jun 2026	1014.79	1016.30	-19.68	-18.78	-13.06
21 Jun 2026	1016.48	1017.00	-12.72	-18.73	-12.84
20 Jun 2026	1016.69	1016.25	-5.98	-18.96	-12.49
19 Jun 2026	1016.38	1014.50	4.15	-19.71	-12.38
18 Jun 2026	1016.64	1014.80	3.87	-20.35	-12.44
17 Jun 2026	1016.51	1015.35	-0.91	-20.67	-12.53
16 Jun 2026	1015.72	1014.90	-3.30	-20.85	-12.51
15 Jun 2026	1014.15	1014.70	-12.93	-21.65	-12.43



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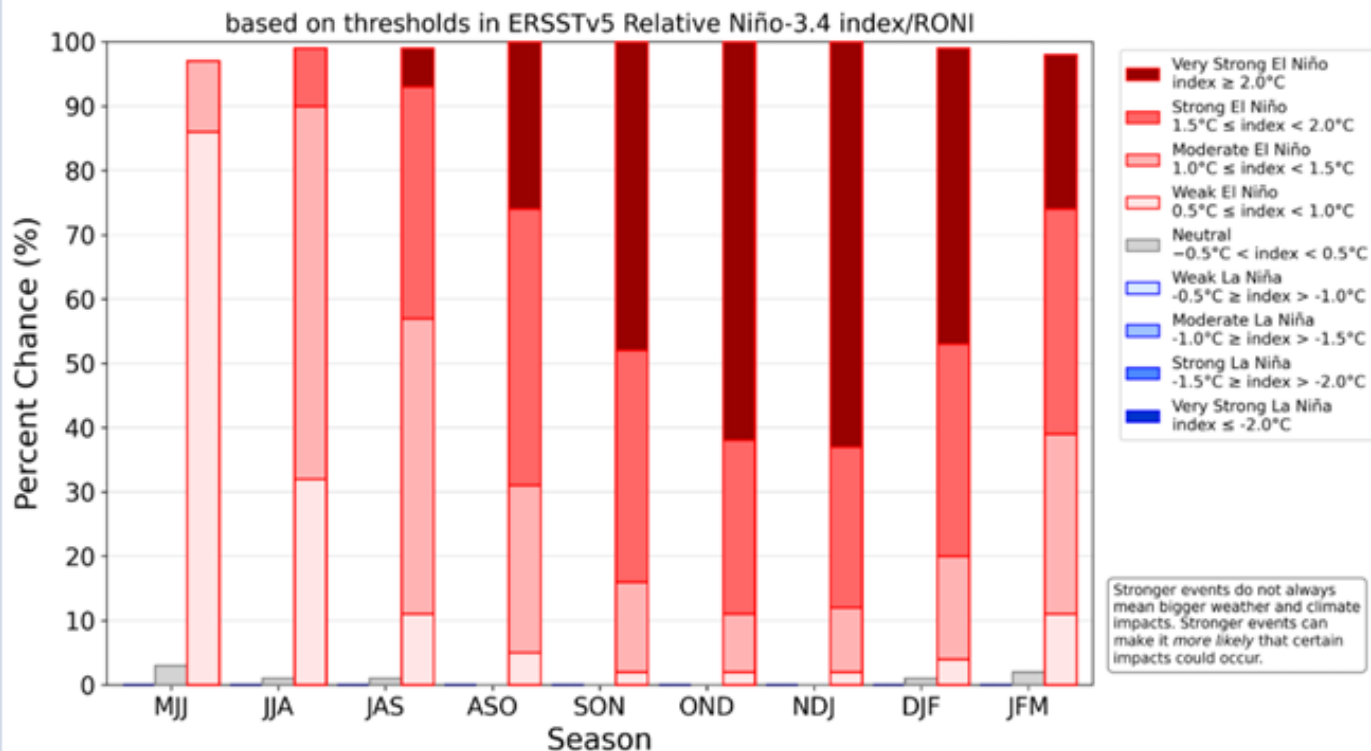


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NOAA CPC ENSO Strength Probabilities (issued June 2026)



Previsão de índices oceânicos

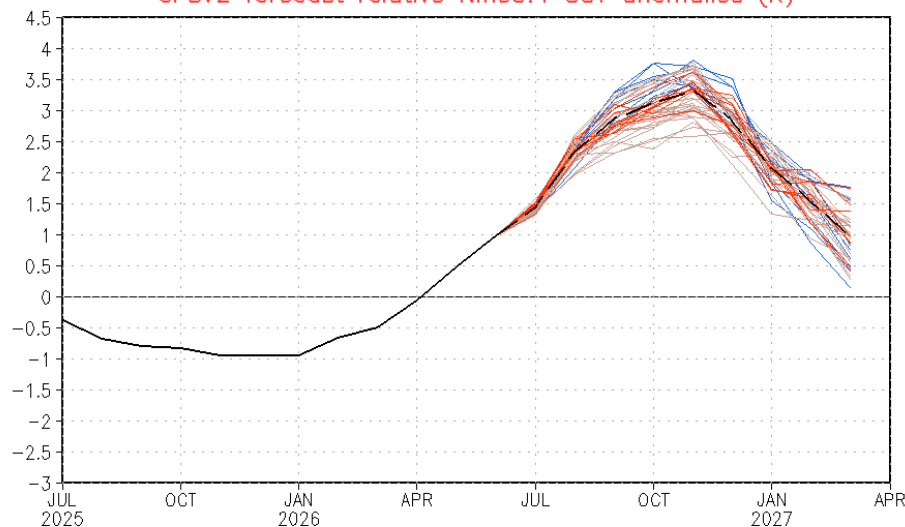
APEC CLIMATE CENTER:



NWS/NCEP/CPC

Last update: Mon Jun 29 2026
Initial conditions: 19Jun2026–28Jun2026

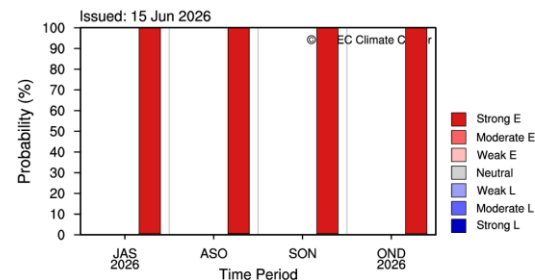
CFSv2 forecast relative Nino3.4 SST anomalies (K)



— Latest 8 forecast members
— Earliest 8 forecast members
— Other forecast members
— Forecast ensemble mean
— NCEP Olv2.1 daily analysis

(Climatology base period: 1991–2020)

Probabilistic ENSO Forecast for 2026 JASOND



* ENSO Intensity based on 3M Mean Nino3.4 SST Anomaly (Category Boundaries: +/-1.5, 1.0, 0.5°C)



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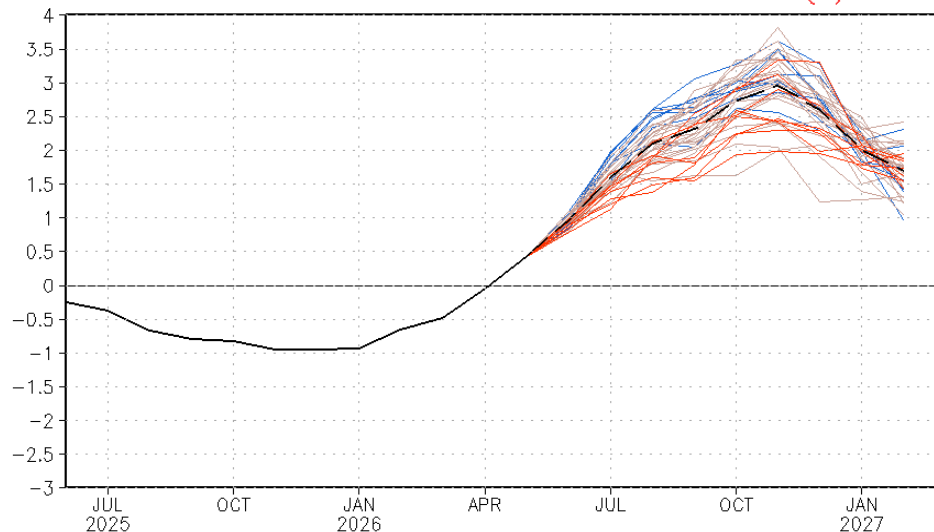
PREVISÃO TSM 3.4 CFS



NWS/NCEP/CPC

Last update: Mon May 25 2026
Initial conditions: 15May2026–24May2026

CFSv2 forecast relative Nino3.4 SST anomalies (K)



— Latest 8 forecast members
— Earliest 8 forecast members
— Other forecast members
— Forecast ensemble mean
— NCEP OIv2.1 daily analysis

(Climatology base period: 1991–2020)



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Prognóstico Climático Sazonal

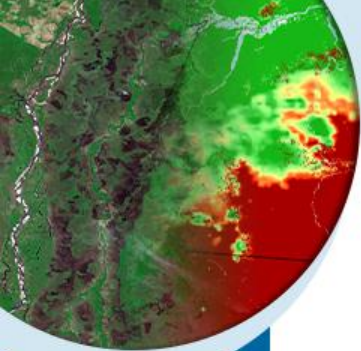
JULHO-AGOSTO-SETEMBRO 2026



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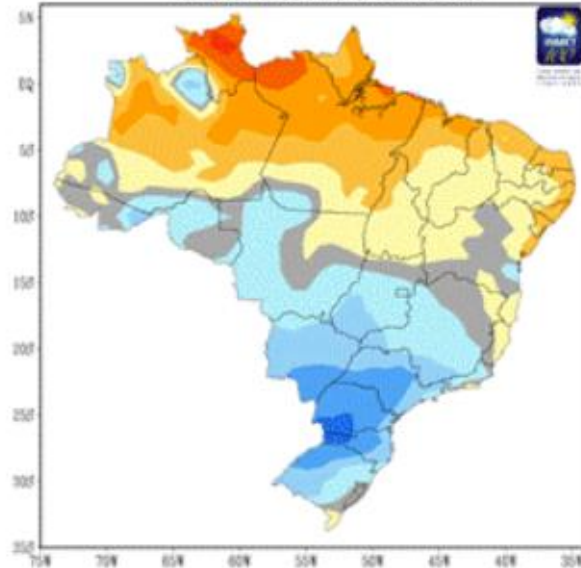


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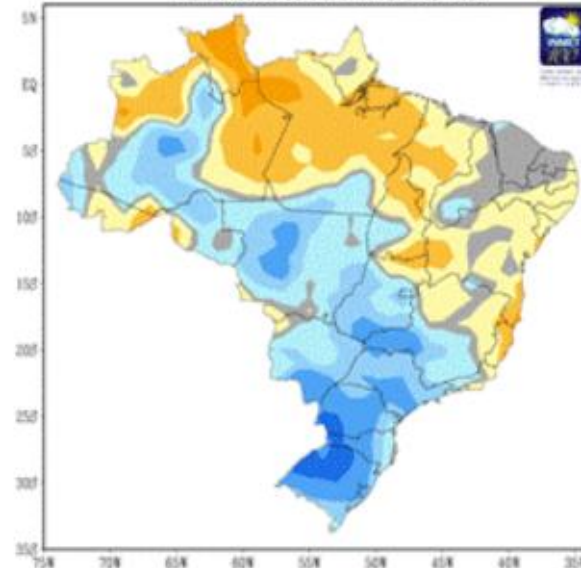
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DESVIO MÉDIO DE PRECIPITAÇÃO EM PERÍODOS DE EL NIÑO FORTE
TRIMESTRE: JUNHO-JULHO-AGOSTO
CLIMATOLOGIA DE REFERÊNCIA: 1981-2010



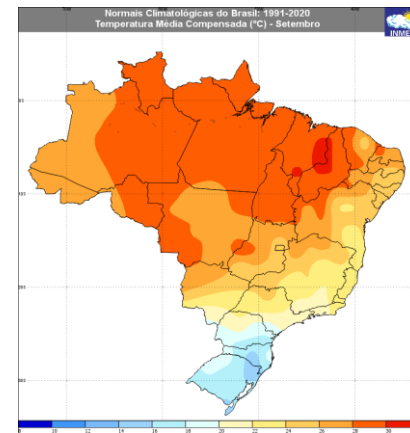
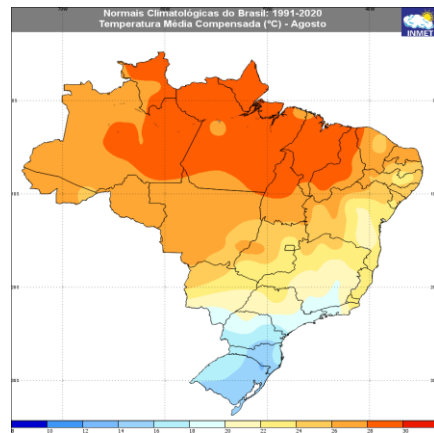
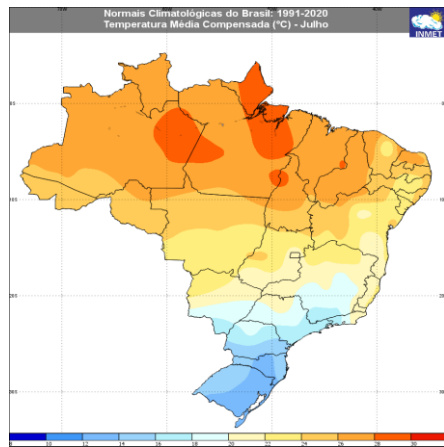
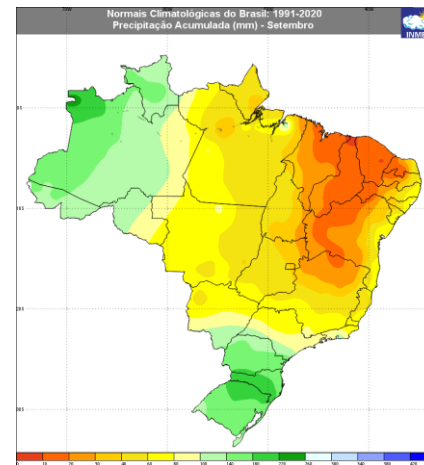
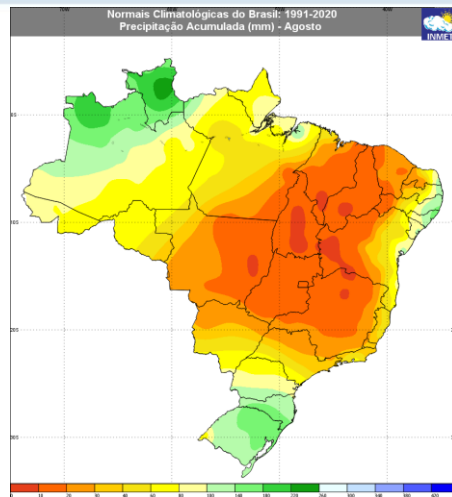
(c)

DESVIO MÉDIO DE PRECIPITAÇÃO EM PERÍODOS DE EL NIÑO FORTE
TRIMESTRE: SETEMBRO-OUTUBRO-NOVEMBRO
CLIMATOLOGIA DE REFERÊNCIA: 1981-2010



(d)

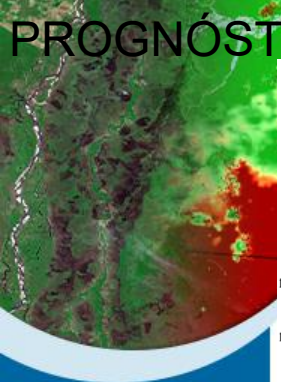
Desvio médio de precipitação trimestral em relação à média histórica de 1991 a 2020 em anos que ocorreram El Niño de intensidade forte. (a) dezembro-janeiro-fevereiro (verão), (b) março-abril-maio (outono), junho-julho-agosto (inverno) e setembro-outubro-novembro (primavera) Fonte: INMET.



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PROGNÓSTICO CLIMÁTICO INMET JAS 2026

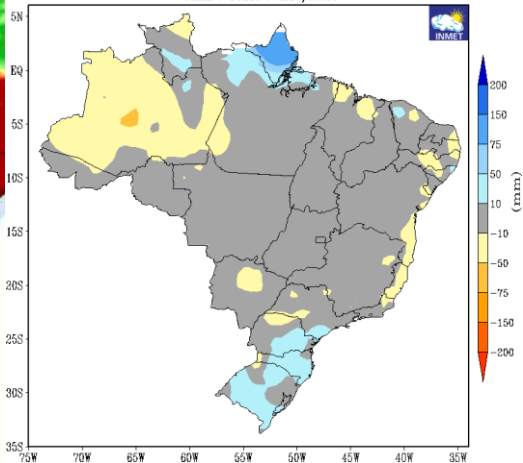


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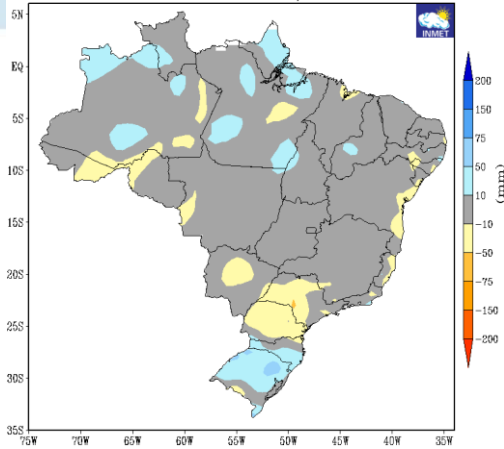
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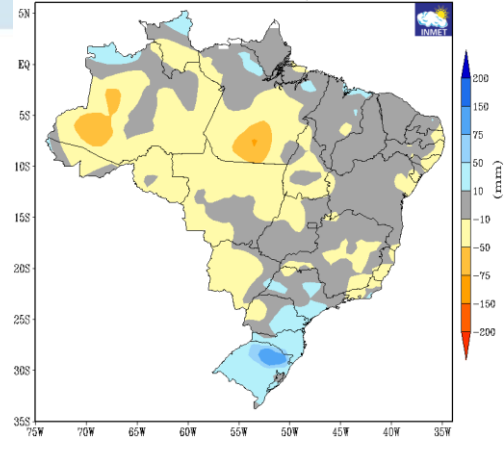
PREVISÃO DE ANOMALIAS DE PRECIPITAÇÃO (mm)
ATUALIZAÇÃO - JUNHO/2026
VALIDO PARA JULHO/2026



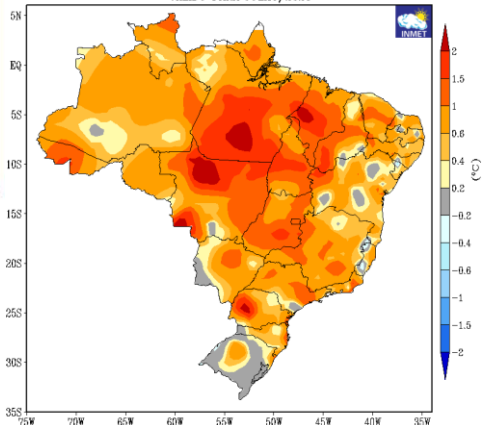
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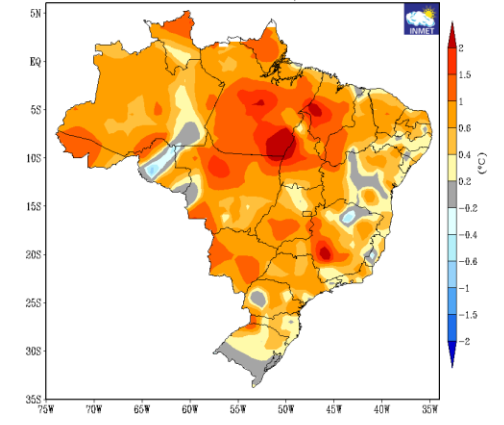
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VALIDO PARA SETEMBRO/2026



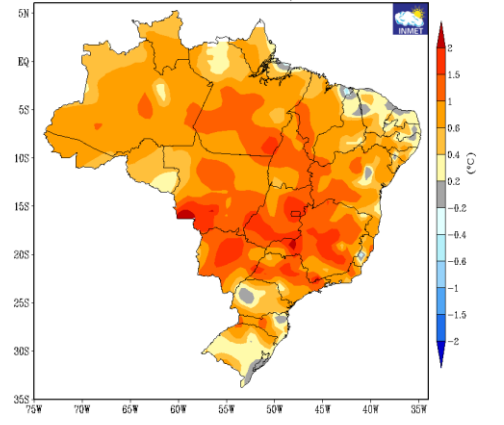
PREVISÃO DE ANOMALIAS DE TEMPERATURA (°C)
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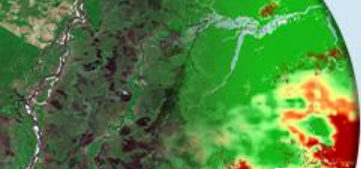
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VALIDO PARA AGOSTO/2026



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ATUALIZAÇÃO - JUNHO/2026
VALIDO PARA SETEMBRO/2026



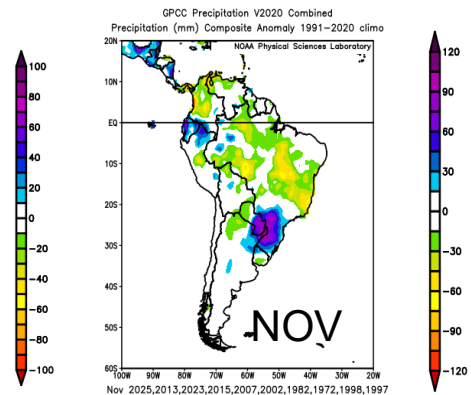
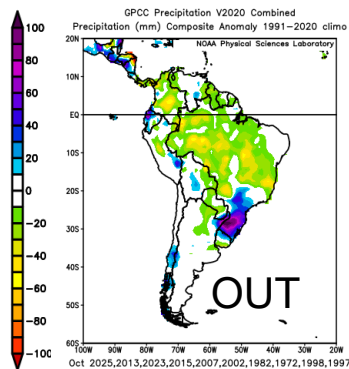
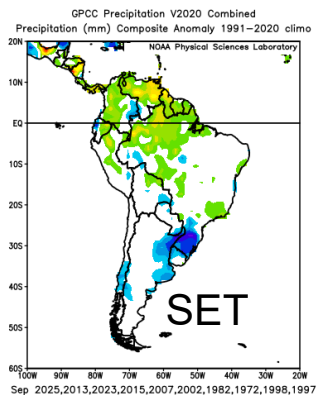
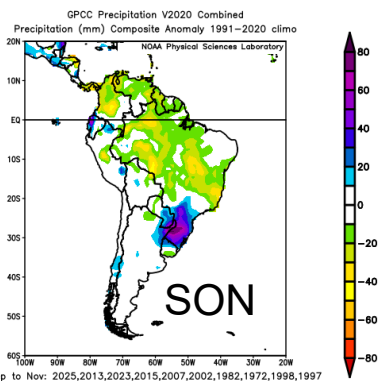
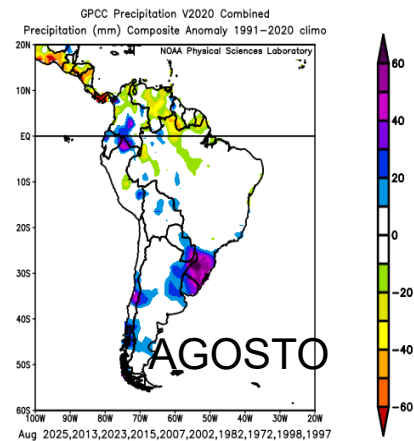
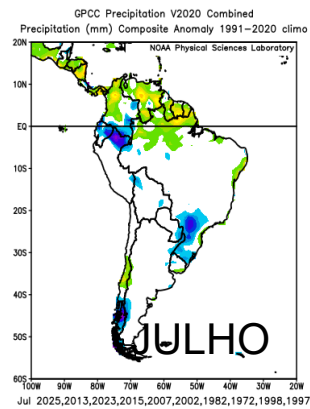
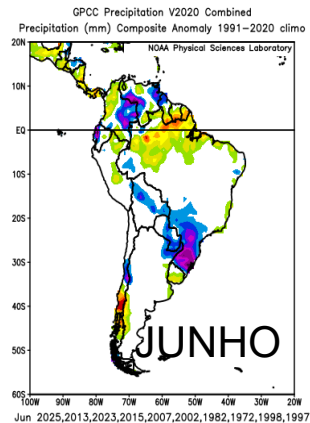
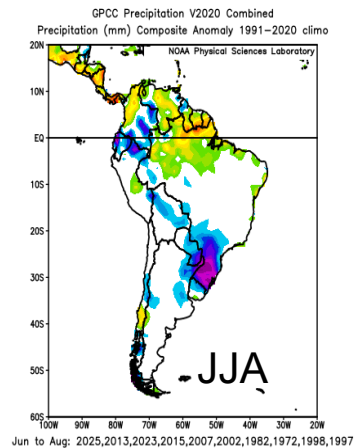
ANOMALIA PRECIPITAÇÃO ANOS ANÁLOGOS (PREDOMÍNIO DE NIÑO)



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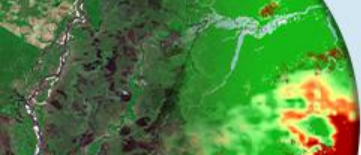
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ANOMALIA DE TEMPERATURA

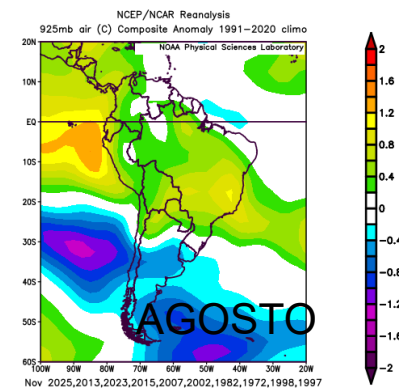
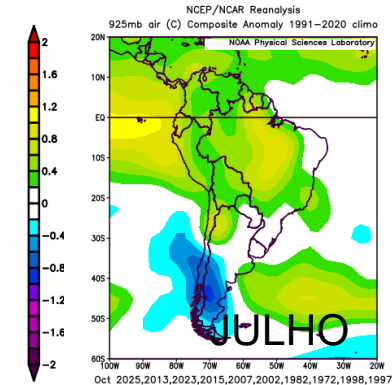
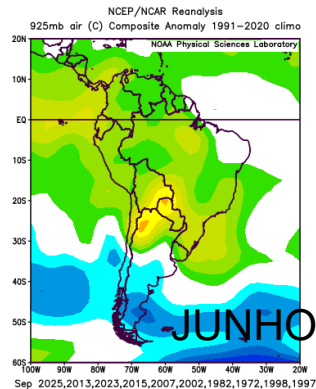
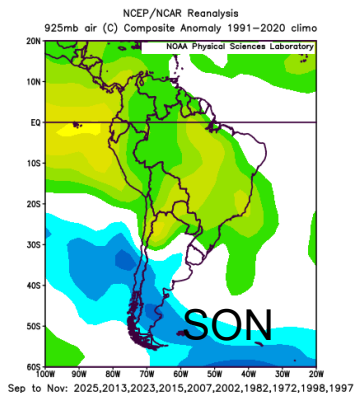
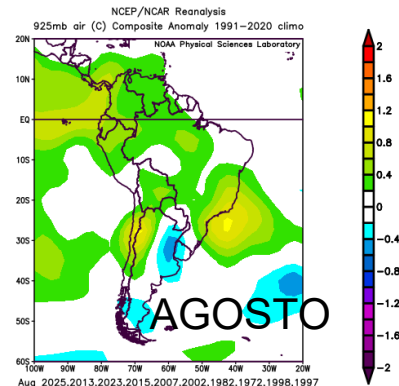
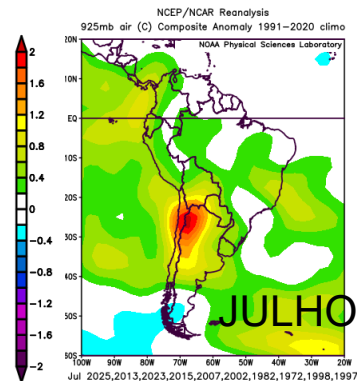
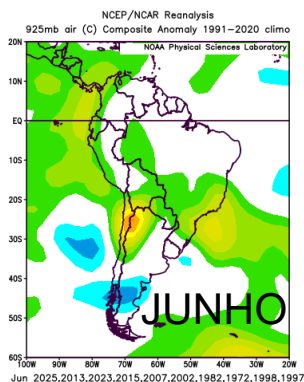
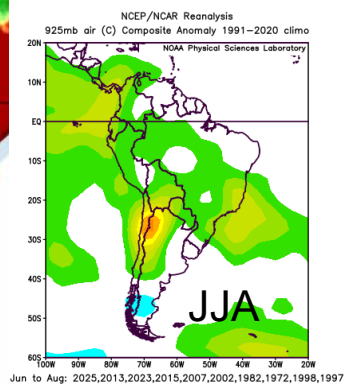
ANOS ANÁLOGOS (PREDOMINIO DE NIÑO)



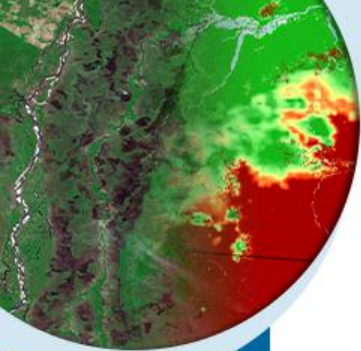
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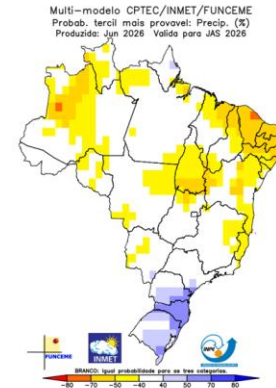
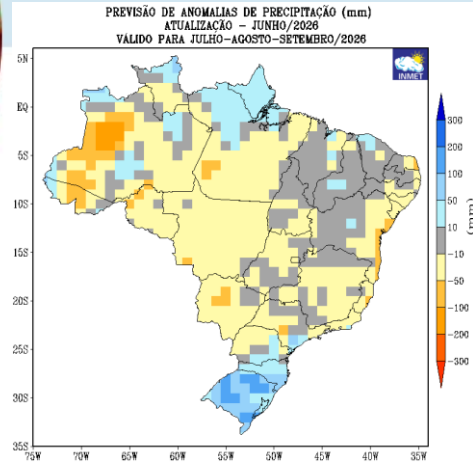
Projeções TRIMESTRE JAS 2026



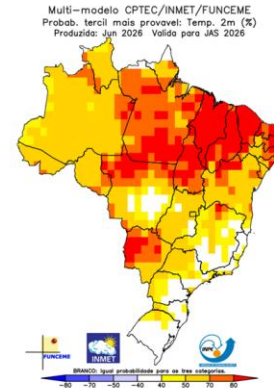
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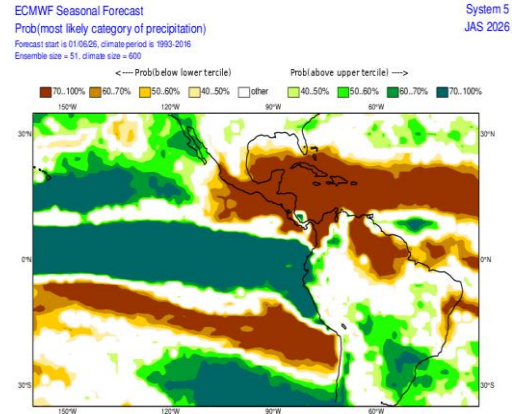


(a)

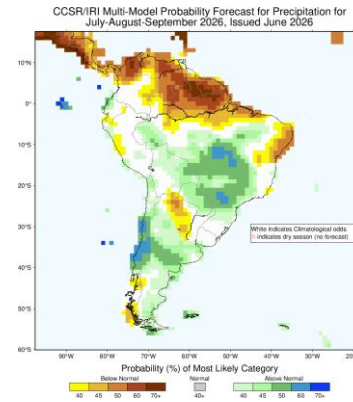


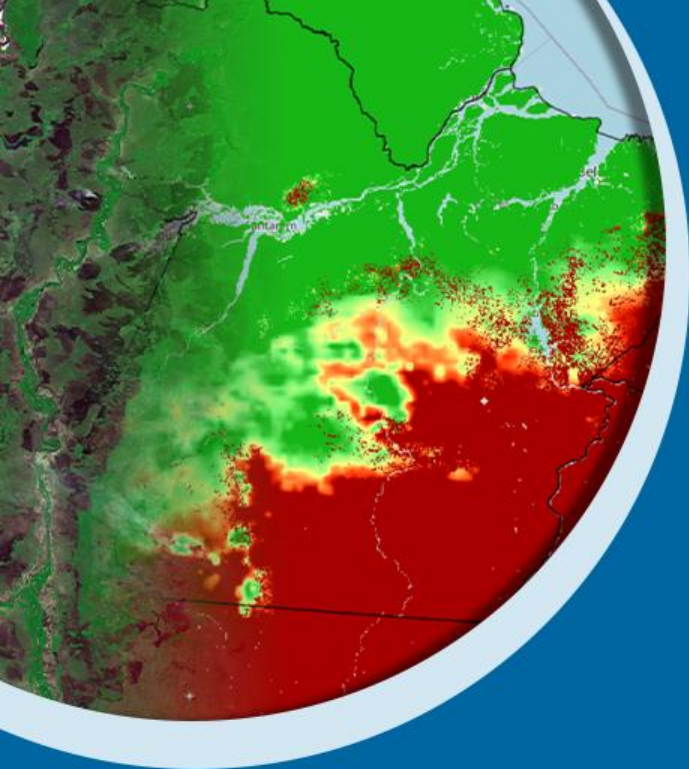
(b)

Figura 3: Previsão climática sazonal por tercil (categorias abaixo da faixa normal, dentro da faixa normal e acima da faixa normal), gerada pelo método objetivo (CPTEC/INPE, INMET e FUNCME). As áreas em branco indicam igual probabilidade para as três categorias. (a) precipitação; (b) temperatura.



System 5
JAS 2026





Obrigado pela atenção!

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