



CEMADEN

**Centro Nacional de Monitoramento e
Alertas de Desastres Naturais**

Sala de Crise da Região Sul

19 de JUNHO
2024

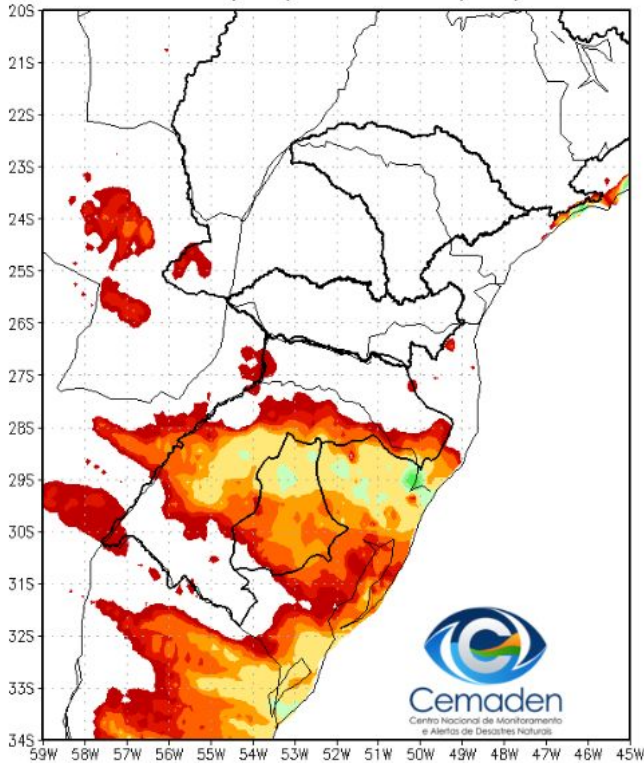


MINISTÉRIO DA
**CIÊNCIA, TECNOLOGIA
E INOVAÇÃO**

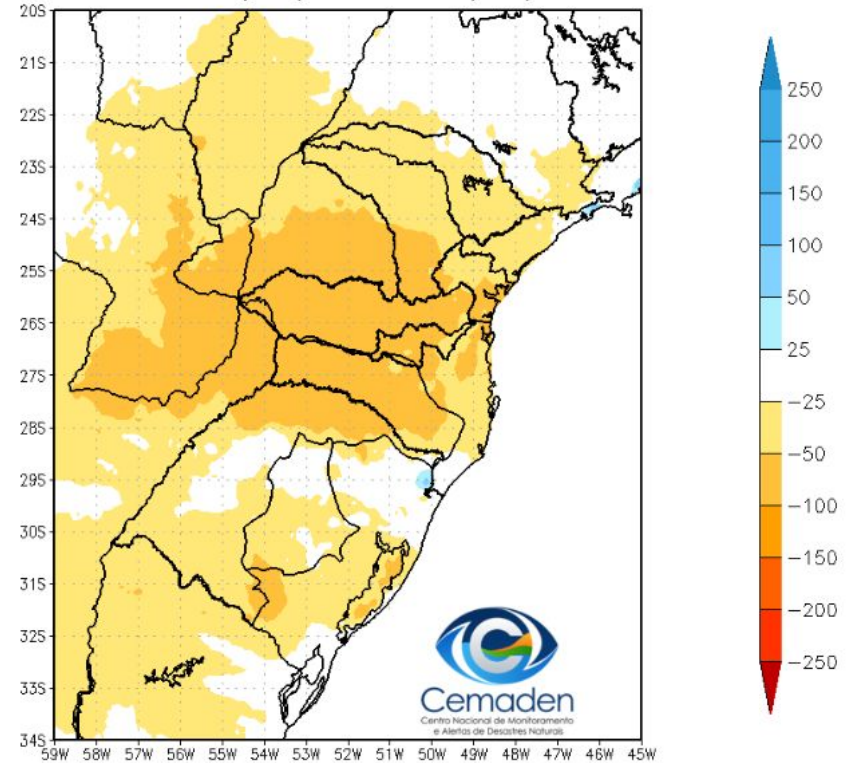


Chuva últimos 15 dias

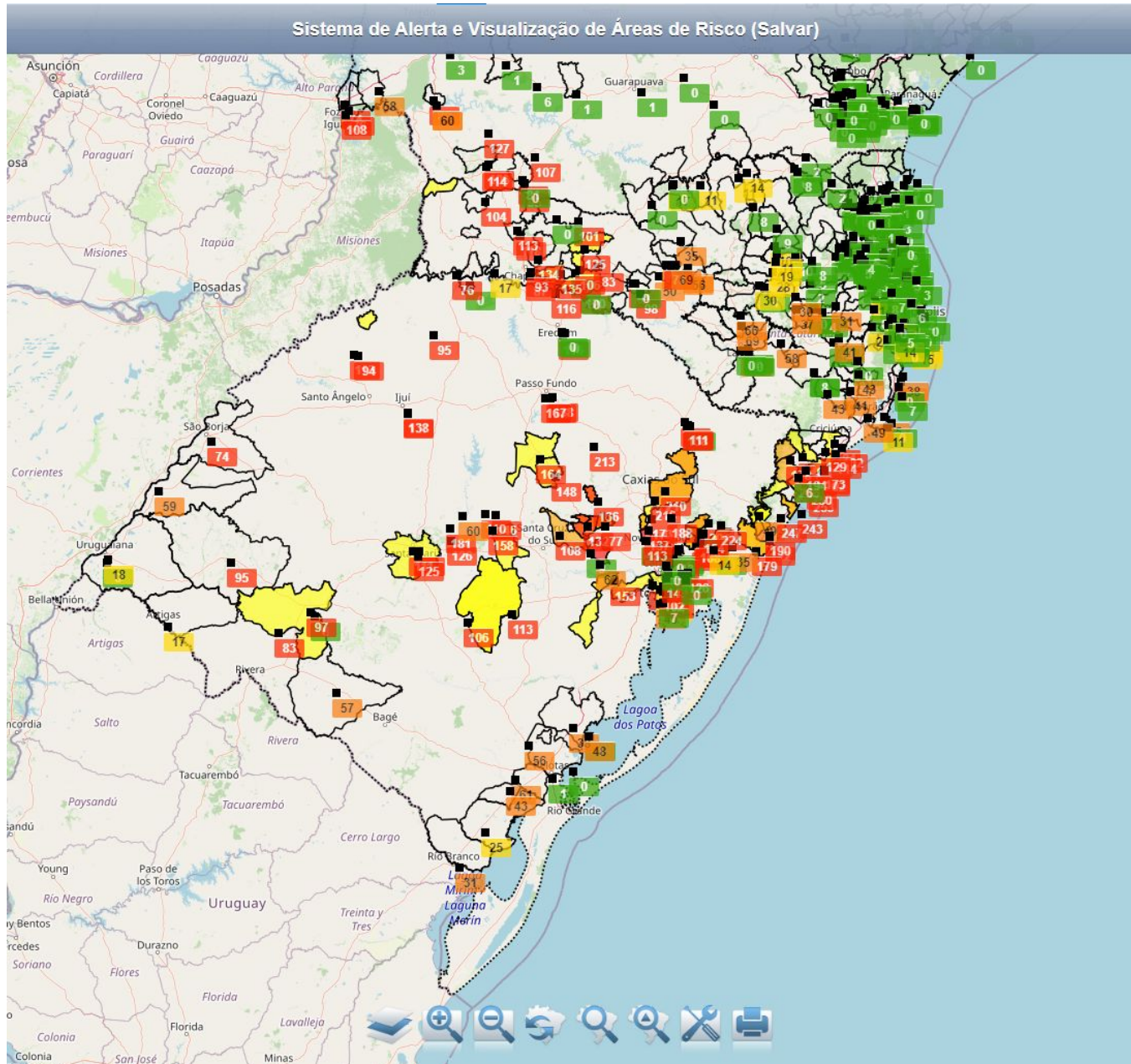
Precipitacao Acumulada (mm) A.S.
Periodo: 01/06/2024 a 16/06/2024



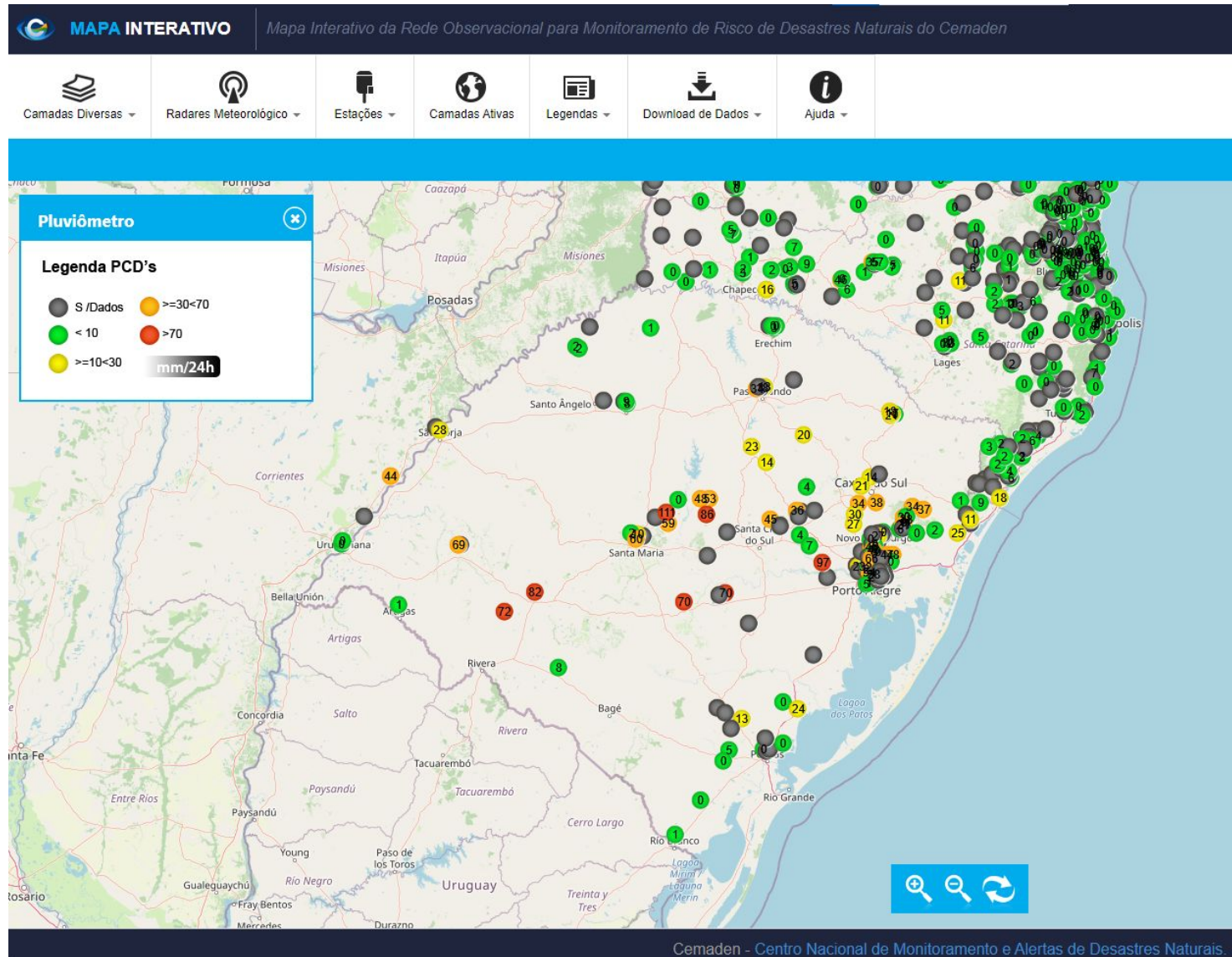
Anomalia de Precipitacao (mm) A.S.
Periodo: 01/06/2024 a 16/06/2024



Chuva últimos 5 dias

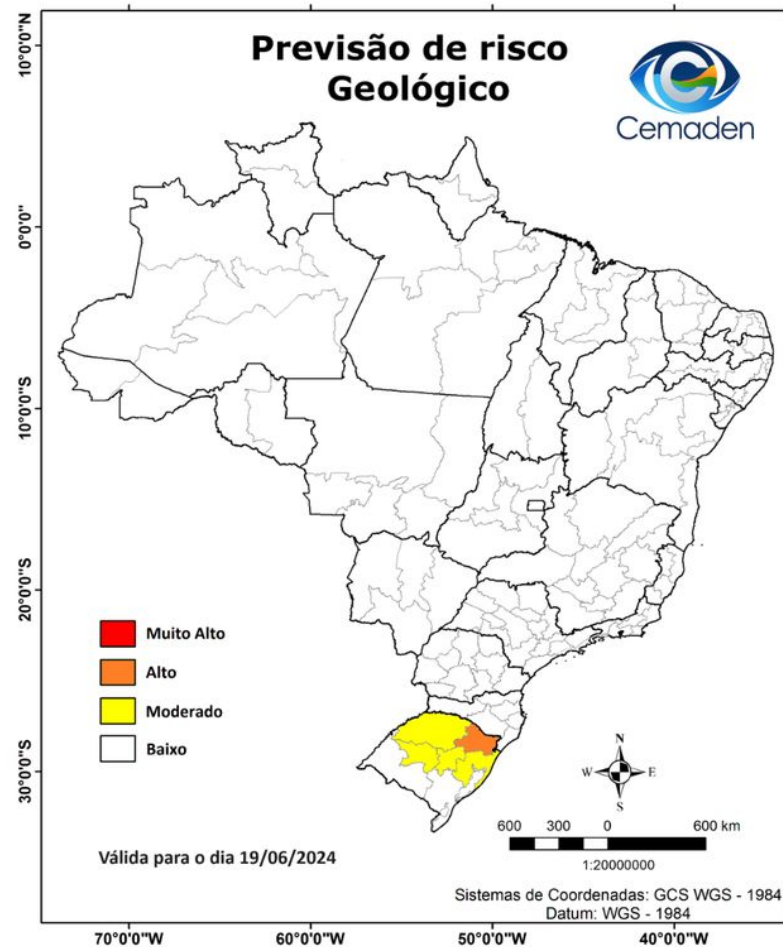
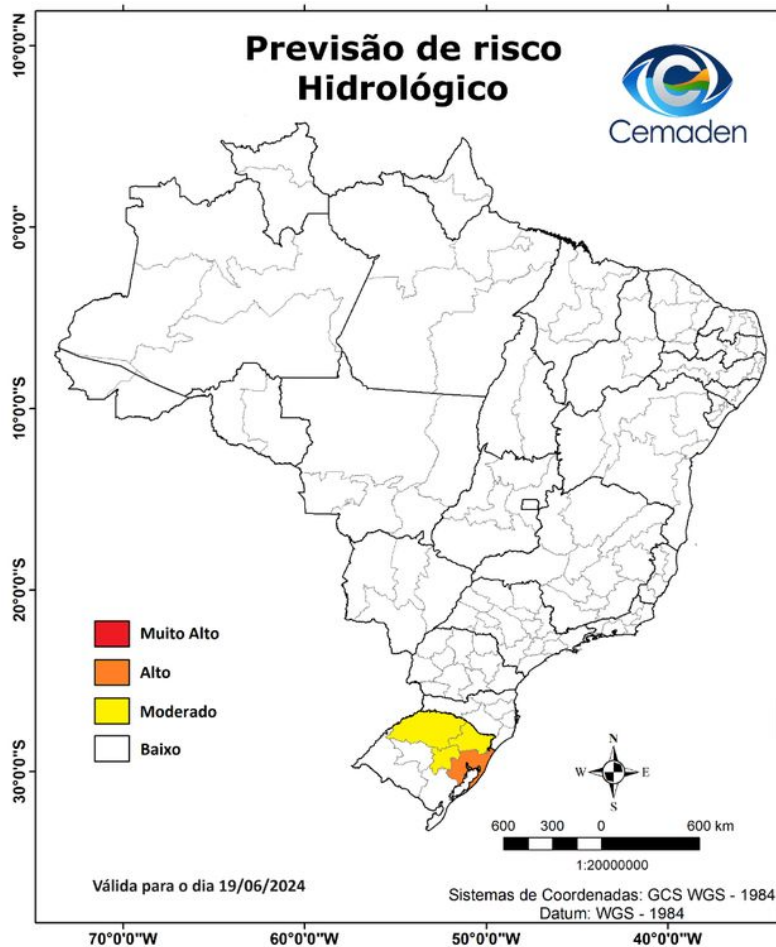


Chuva últimas 24 horas



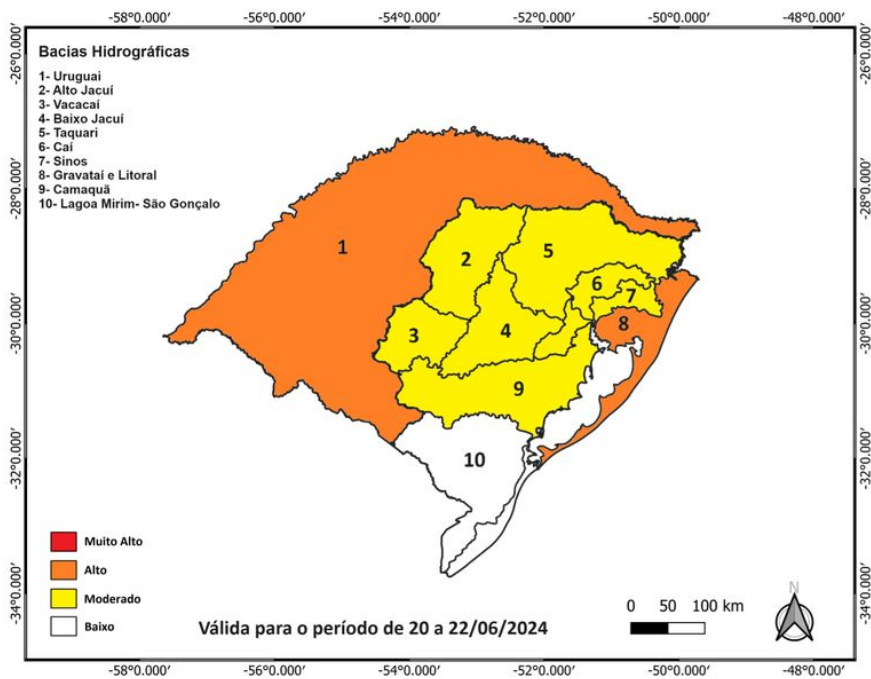
<https://mapainterativo.cemaden.gov.br/>

Previsão de Riscos HOJE

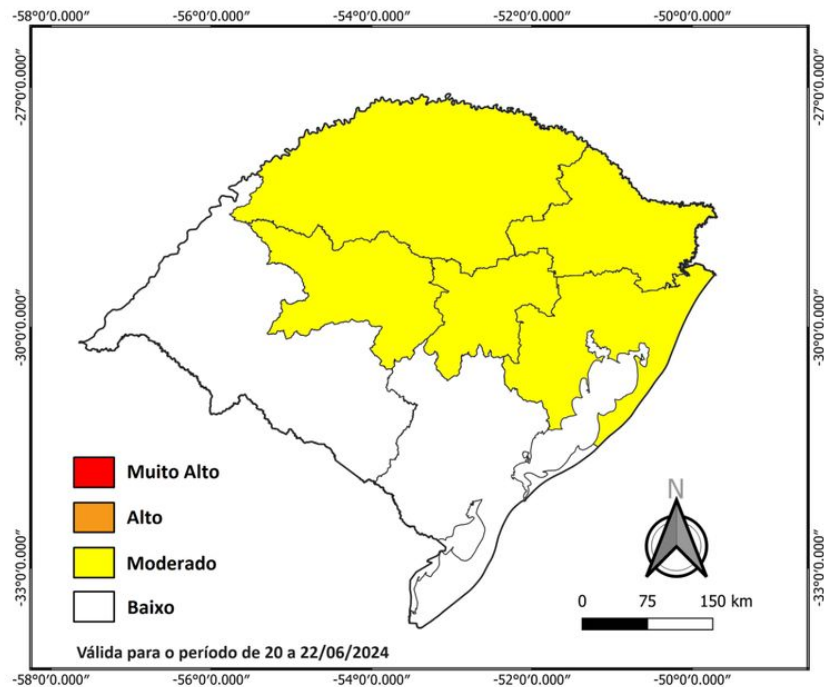


Previsão de Riscos 20 - 22 JUNHO

HIDRO

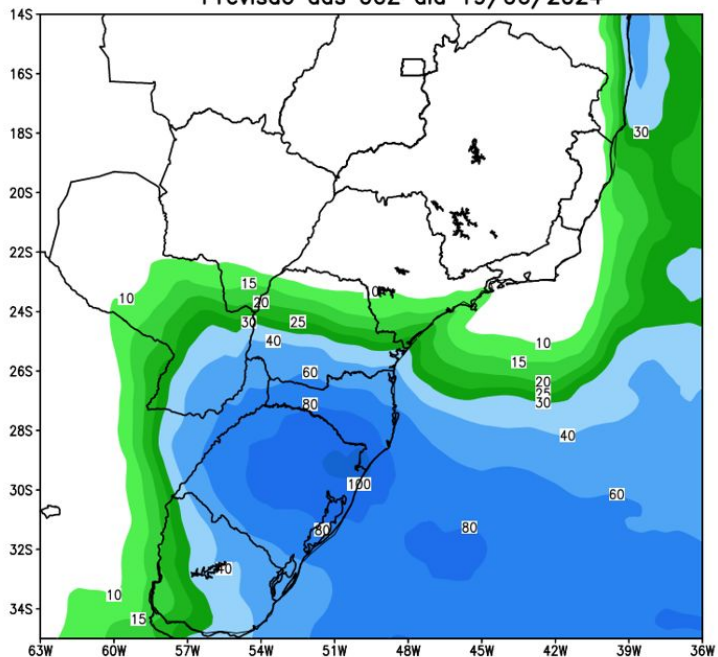


GEO

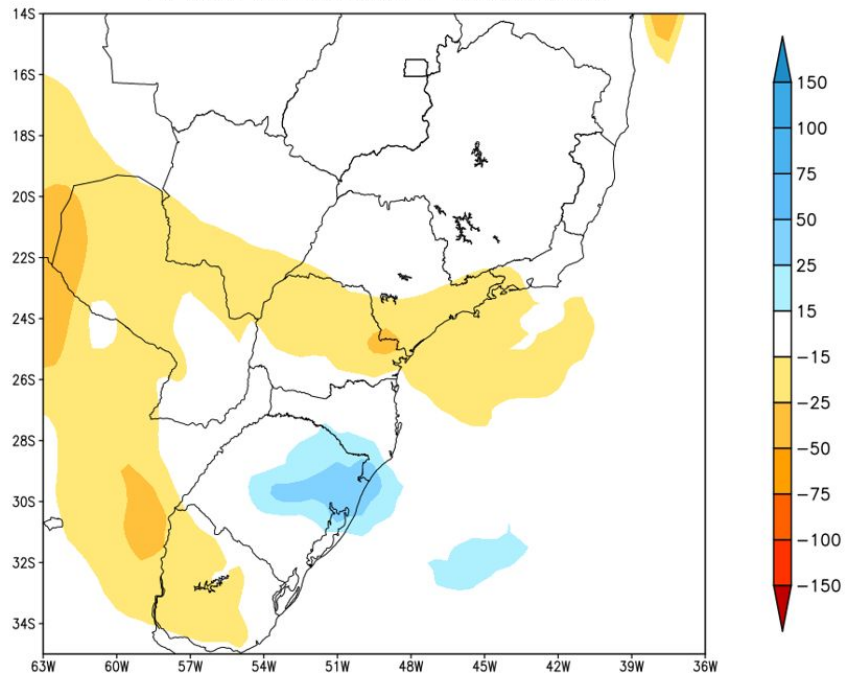


Previsão de chuva próximos 14 dias

GEFS / BRASIL_SUL
Precipitacao acumulada 14 dias (mm)
Previsao das 00Z dia 19/06/2024

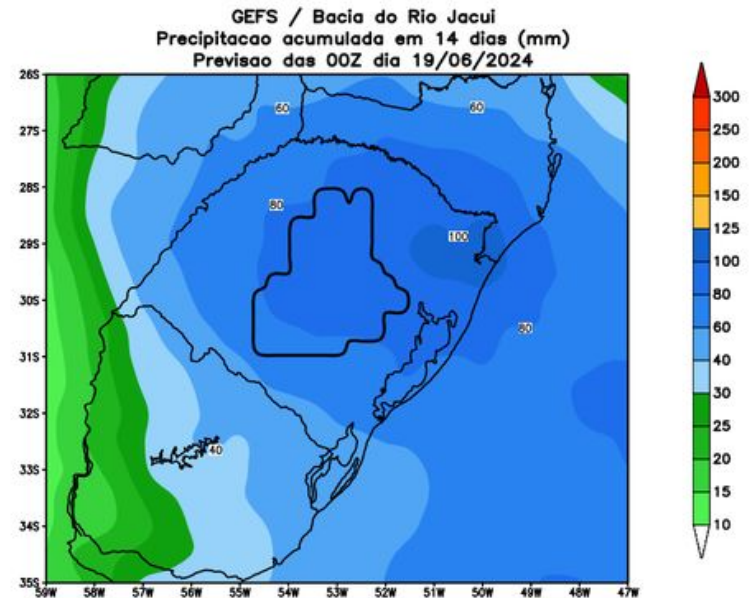
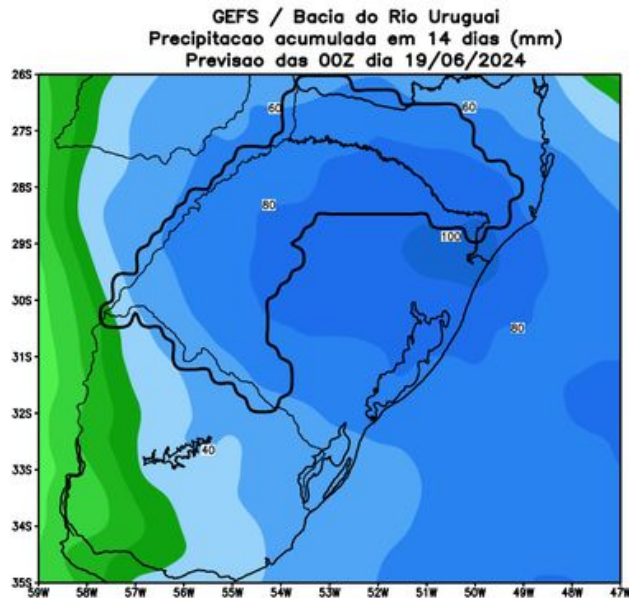
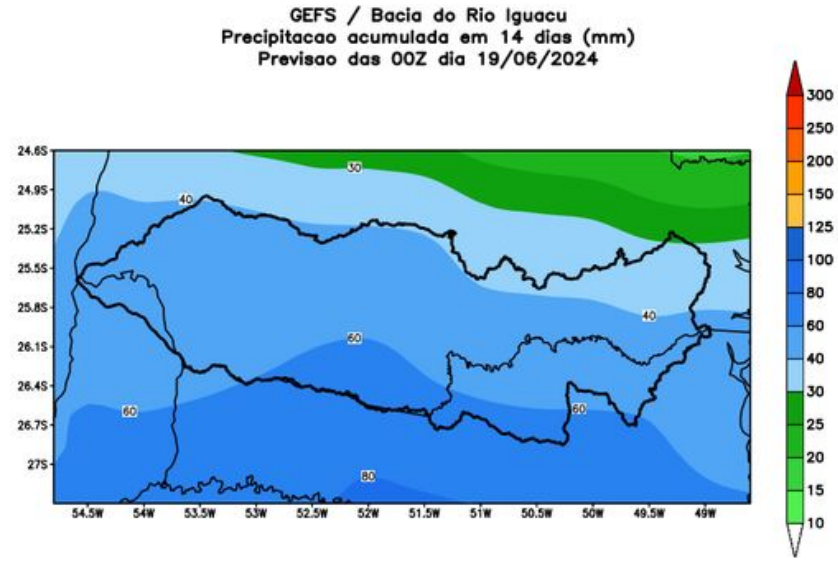
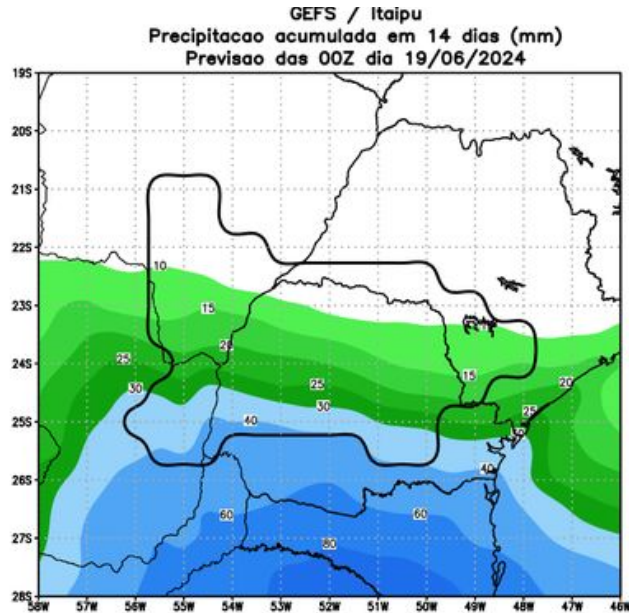


Anomalia de Precipitacao BR_SUL (mm)
Periodo: 2024061900 a 2024070300

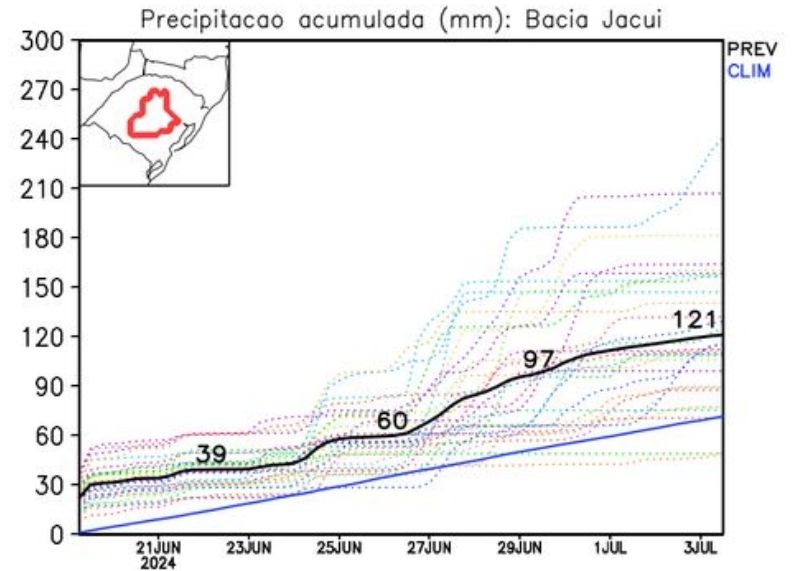
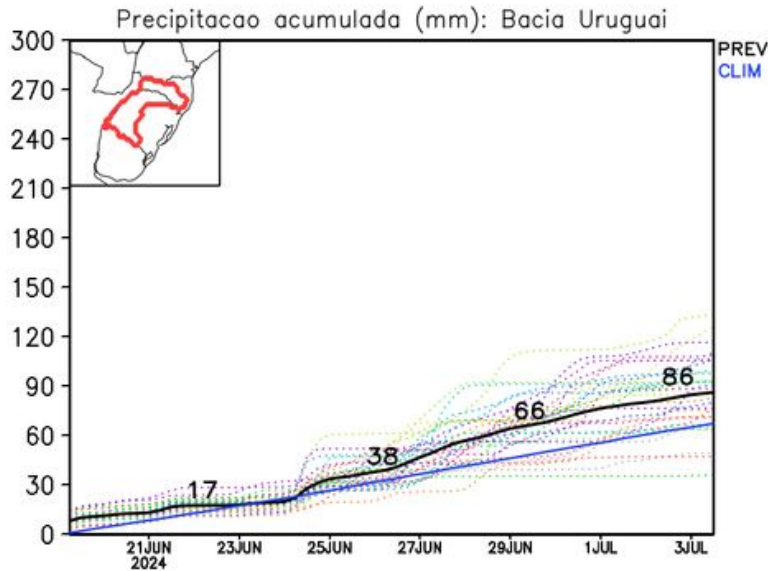
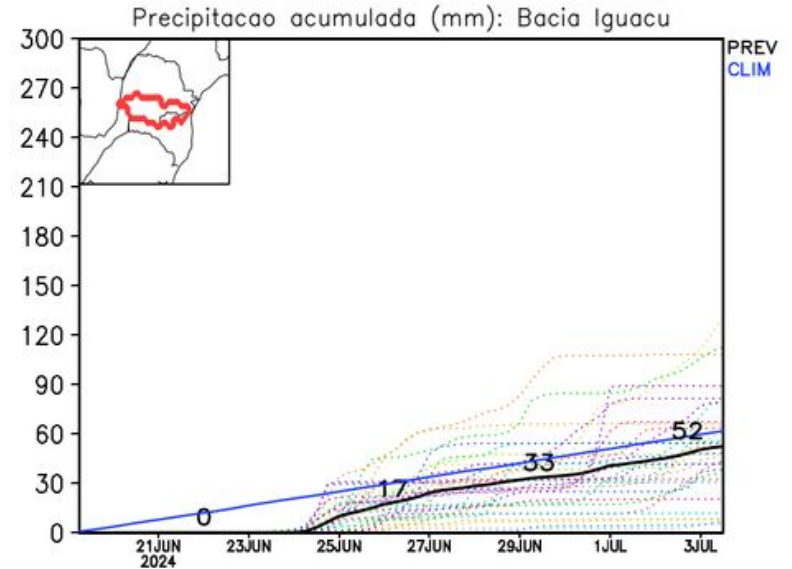
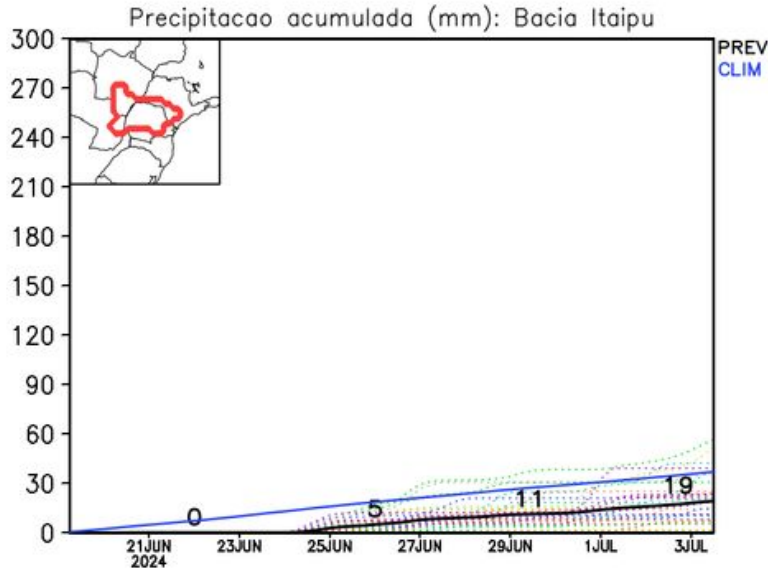


MODELO GEFS/NCEP/NOAA

Previsão para as principais bacias



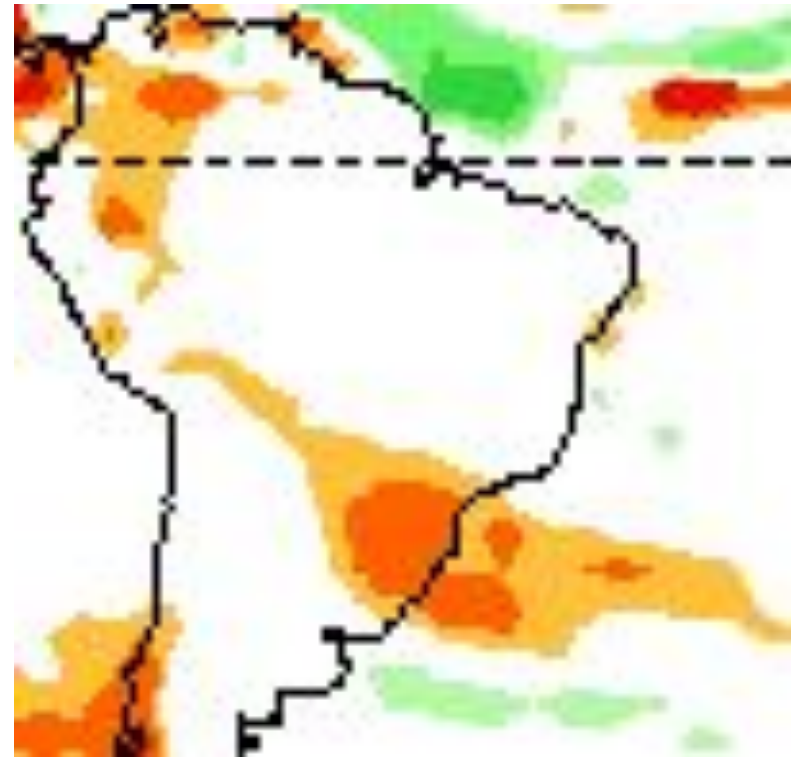
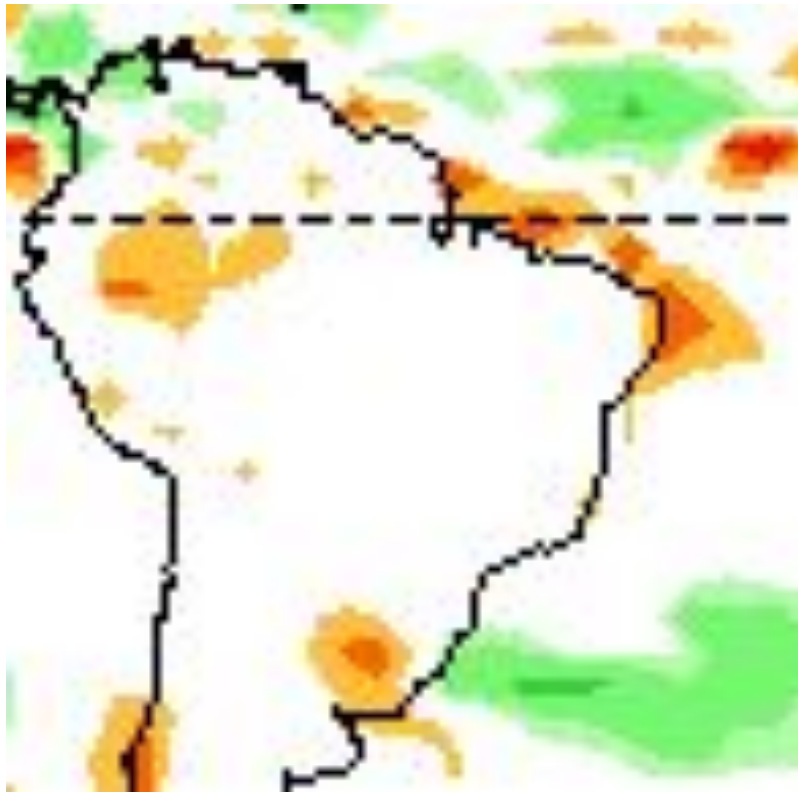
Previsão para as principais bacias



Tendência 3a e 4a semanas

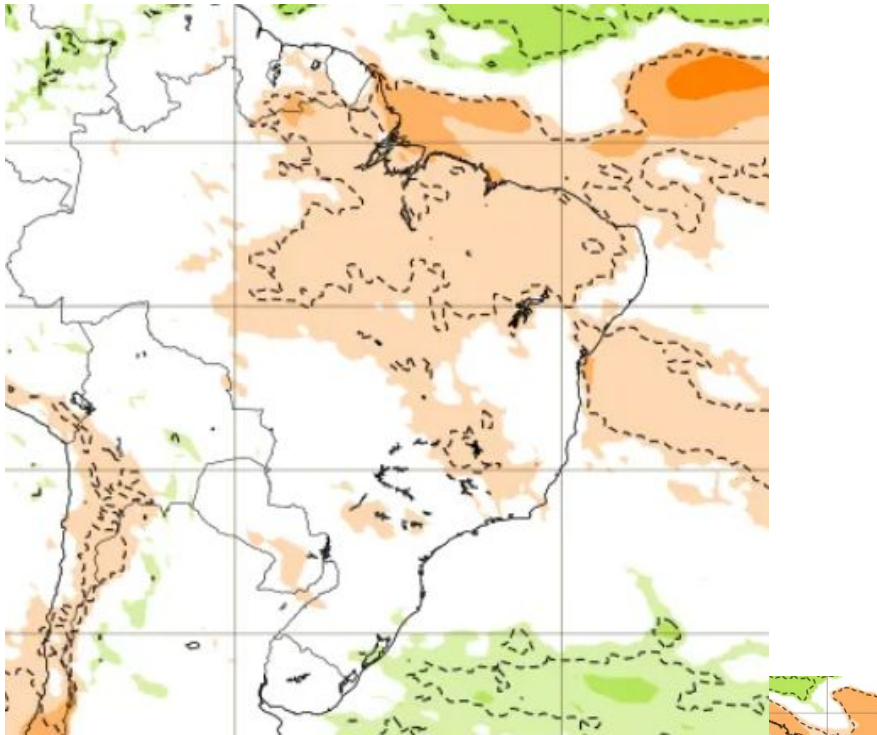
03 - 09 de JULHO

10 - 16 de JULHO

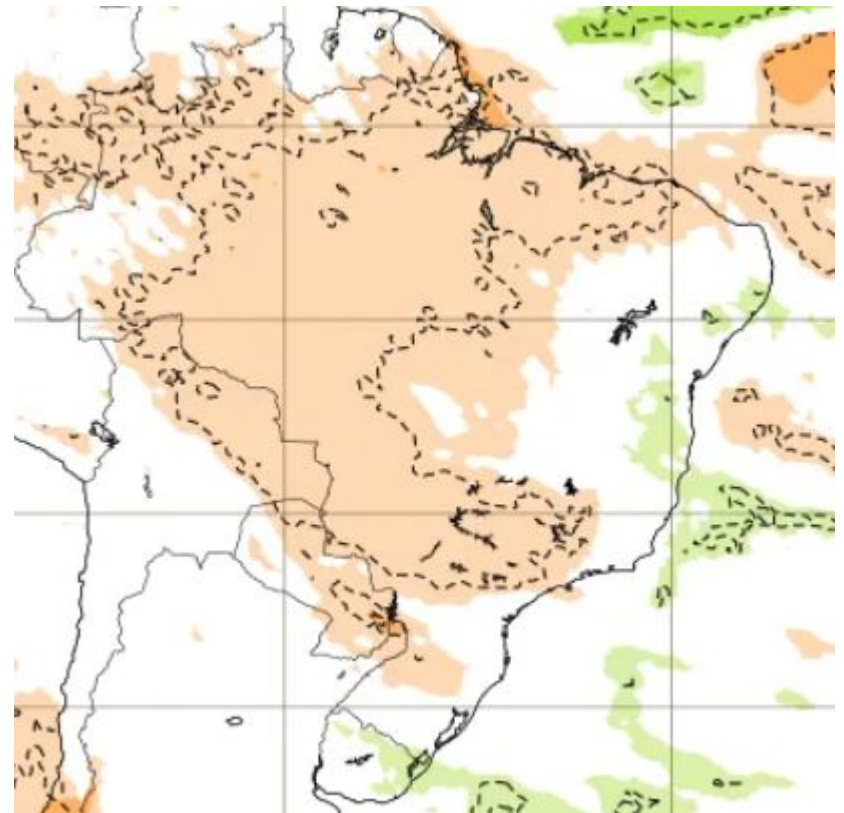


Tendência para 3ª e 4ª semanas

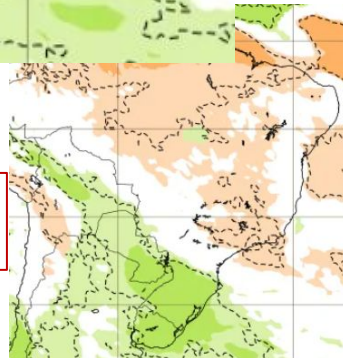
01 - 07 de JULHO



08 - 14 de JULHO

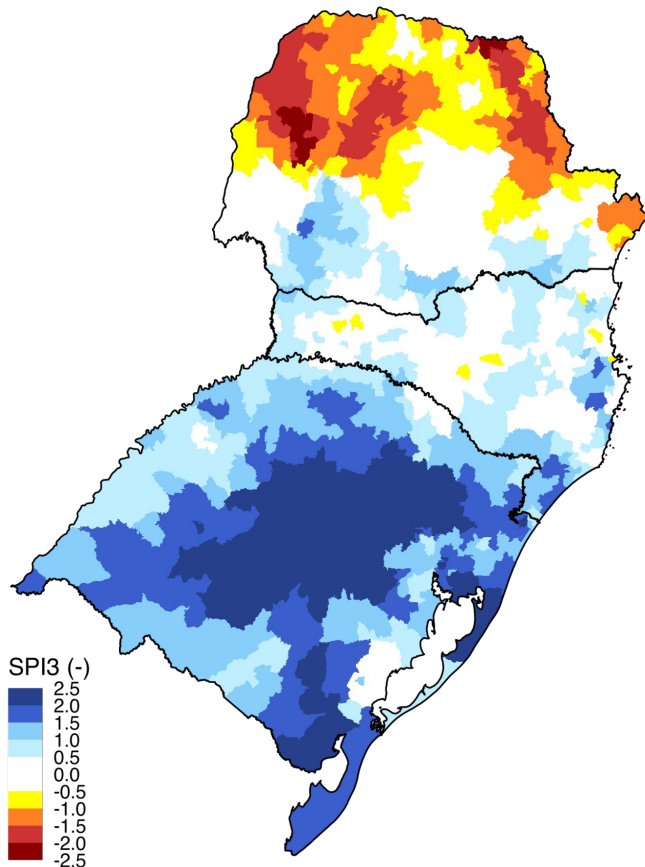


17 - 23 de JUNHO
duas semanas atrás



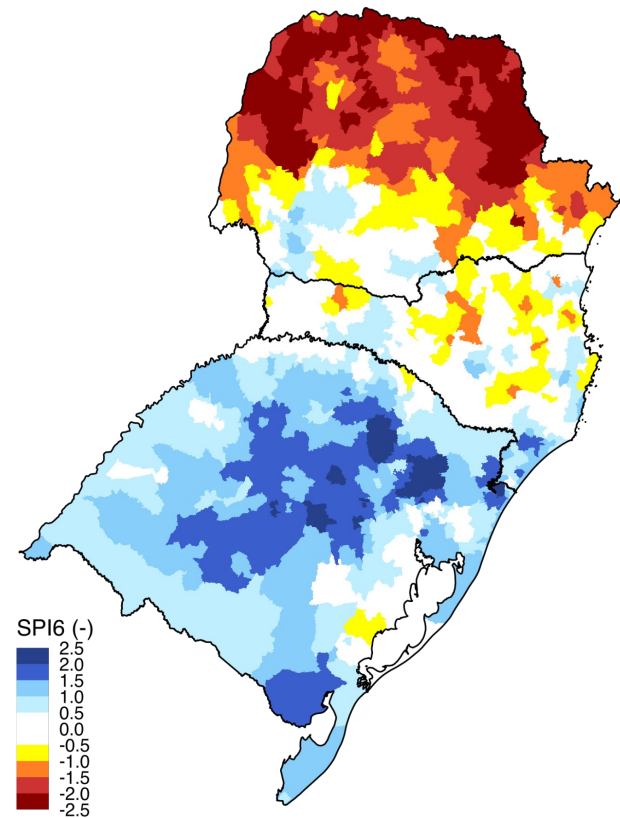
SPI: JUNHO 2024

SPI 03



Maio 2024
Índice Padronizado de Precipitação (SPI, 3 meses)
Concepção e preparação: Cemaden/MCTI. Dados: CPTEC/INPE, NOAA, NASA.

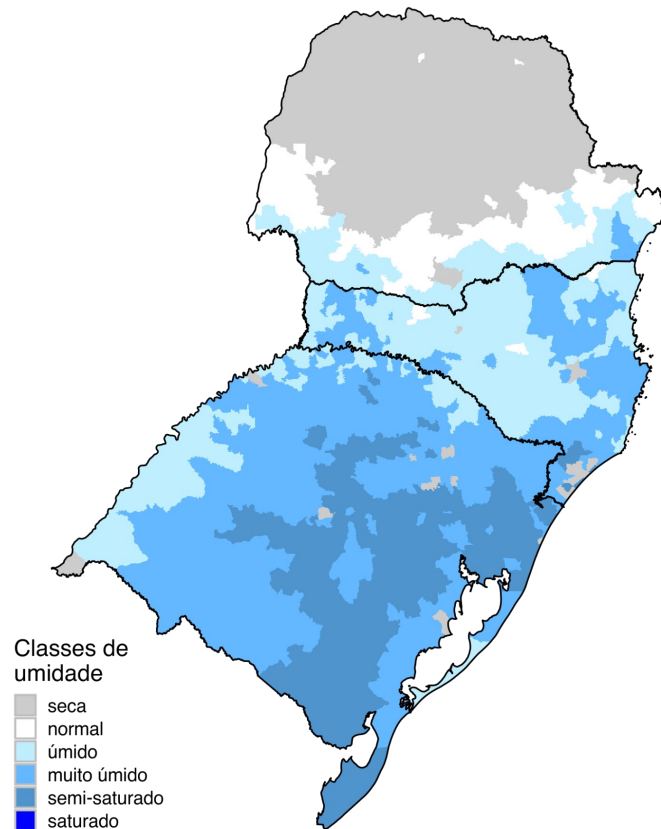
SPI 06



Maio 2024
Índice Padronizado de Precipitação (SPI, 6 meses)
Concepção e preparação: Cemaden/MCTI. Dados: CPTEC/INPE, NOAA, NASA.

IARA (SPI, SM, VHI)

OBSERVADO : JUNHO (PARCIAL)

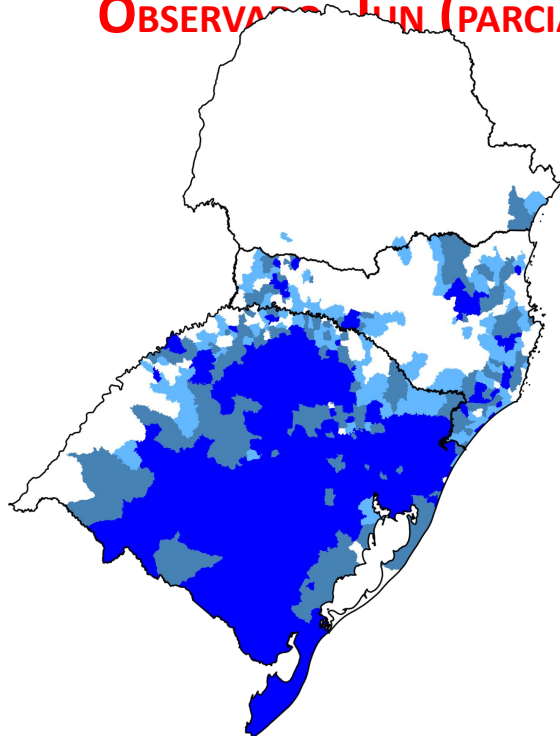
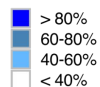


ESTIMATIVA DE ÁREAS DE PASTAGENS E AGRÍCOLAS AFETADAS PELO EXCESSO DE CHUVA

OBSERVAÇÃO JUN (PARCIAL)/24

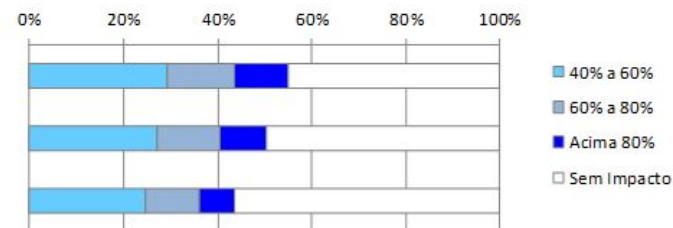
UF	40% a 60%	60% a 80%	Acima 80%
PR	4	3	
RS	49	91	302
SC	62	54	43

Fração da área afetada



	40% a 60%	60% a 80%	Acima 80%
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Minifúndio	252180	122536	98292
Pequeno	94746	46251	33769
Médio	15287	6891	4625



Maio 2024

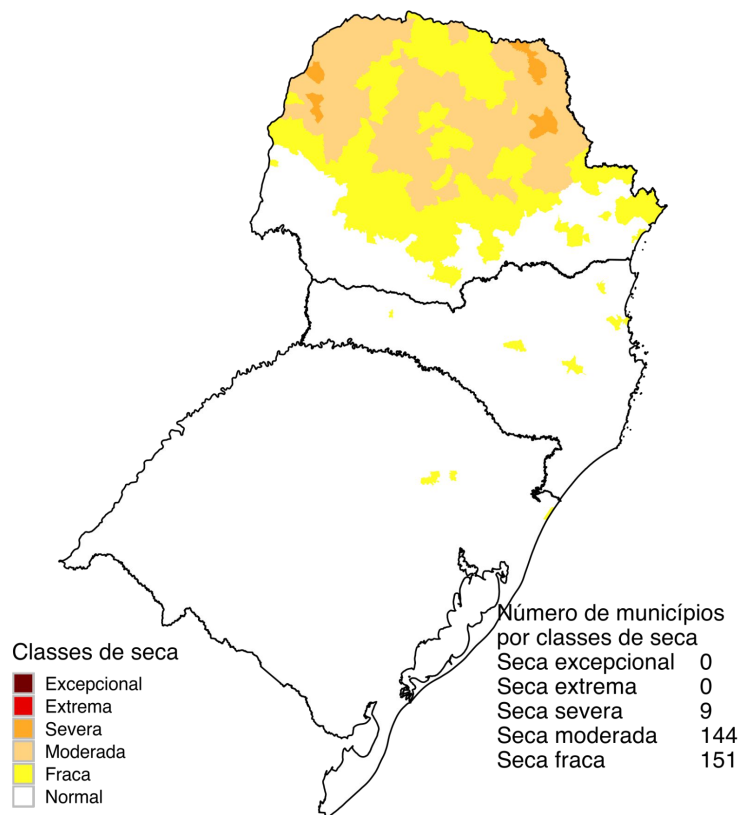
Fração da área agroprodutiva afetada pelo excesso de água - IARA
Concepção e preparação: Cemaden/MCTI. Dados: CPTEC/INPE, NOAA, NASA.

Impacto: Muito úmido à saturado.

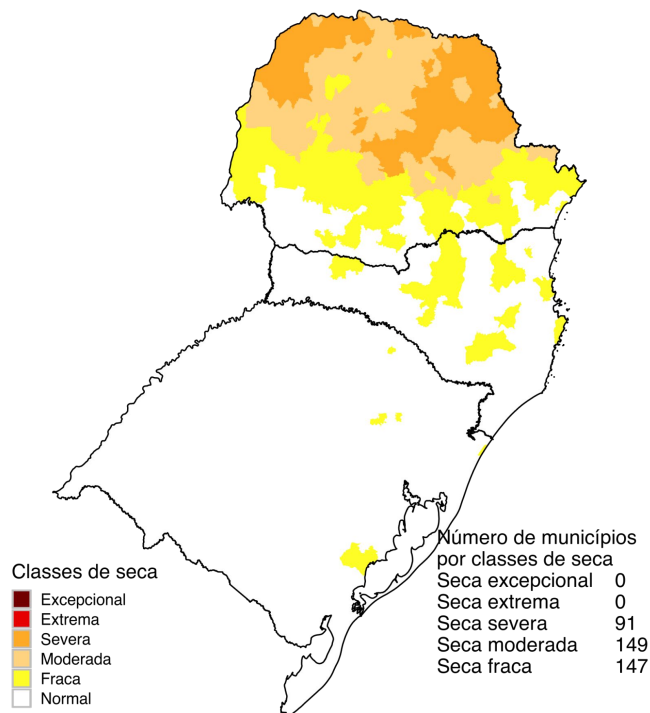
ÍNDICE INTEGRADO DE SECA - IIS

(SPI3 E 6 + VHI + AUS): JUNHO (PARCIAL)/2024

IIS 3 MESES

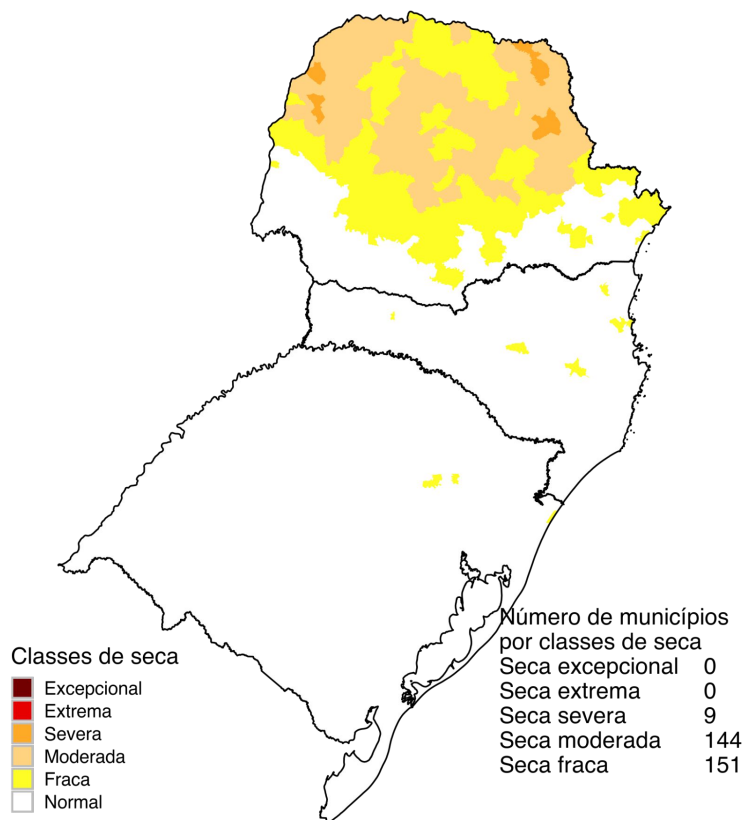


IIS 6 MESES

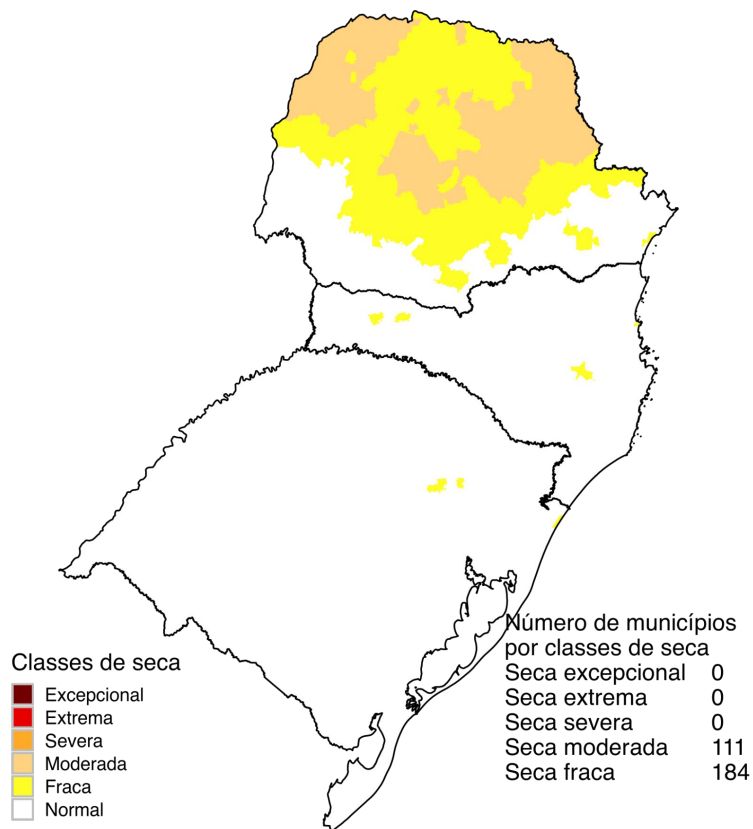


PREVISÃO - IIS: JUNHO/2024

JUNHO (PARCIAL)/24



JUNHO/24 (PREVISTO)

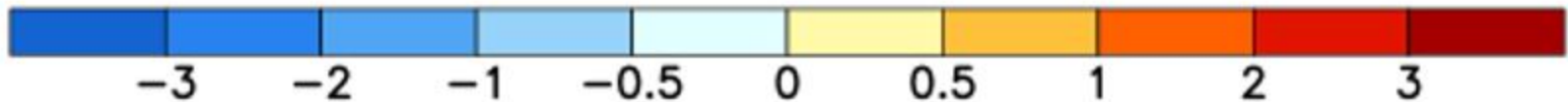
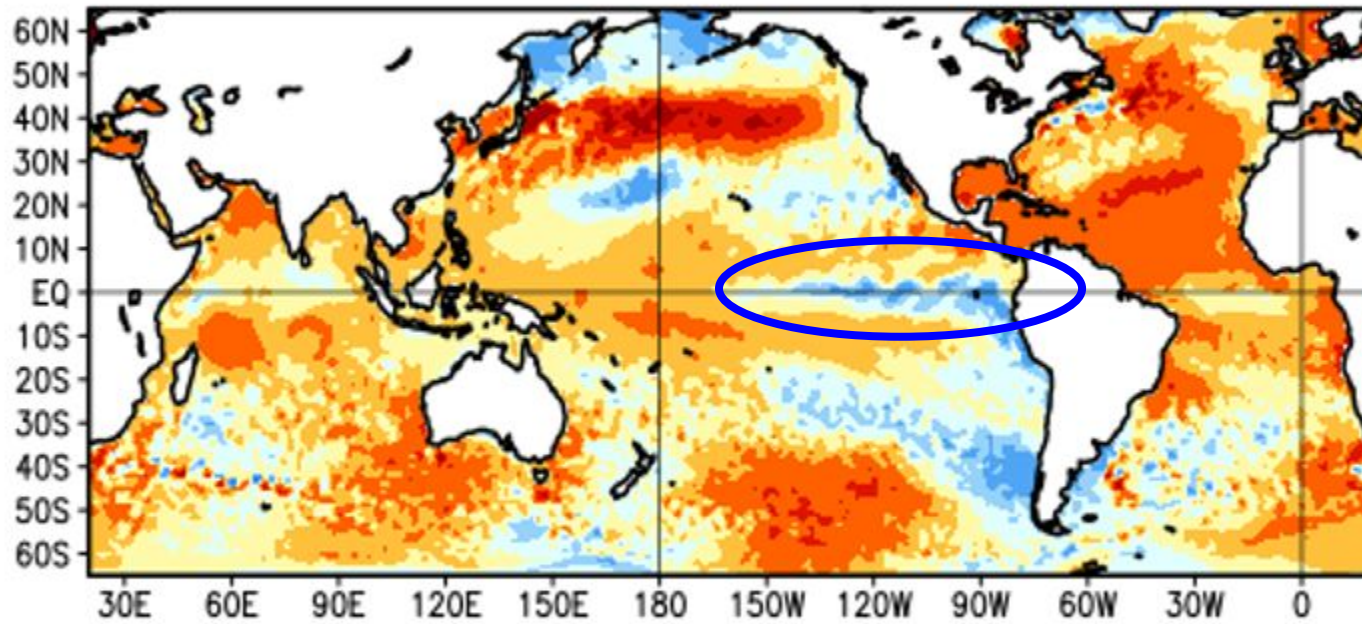


Maio 2024
Índice Integrado de Seca (SPI3, VHI, US)
Concepção e preparação: Cemaden/MCTI. Dados: CPTEC/INPE, NOAA, NASA.

Junho 2024
Previsão do Índice Integrado de Seca (SPI3 previsão, VHI3, US3)
Concepção e preparação: Cemaden/MCTI. Dados: CPTEC/INPE, NOAA, NASA.

La Niña

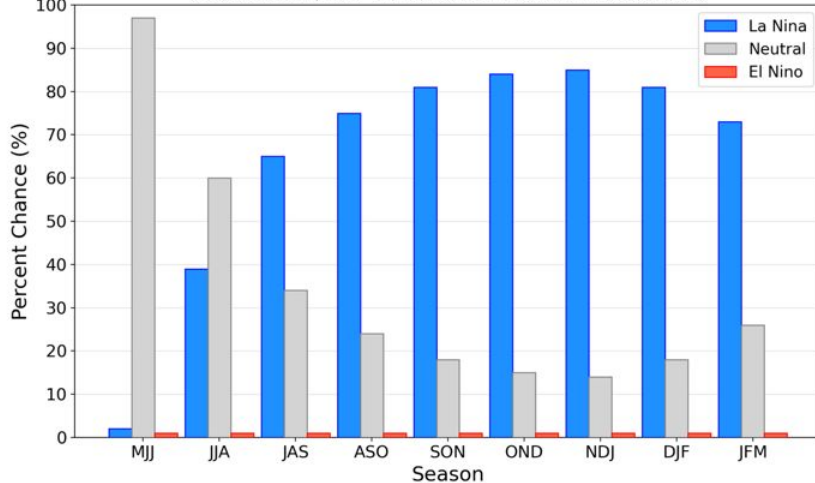
Average SST Anomalies
19 MAY 2024 – 15 JUN 2024



La Niña

Official NOAA CPC ENSO Probabilities (issued June 2024)

based on $-0.5^{\circ}/+0.5^{\circ}\text{C}$ thresholds in ERSSTv5 Niño-3.4 index



Model Predictions of ENSO from May 2024

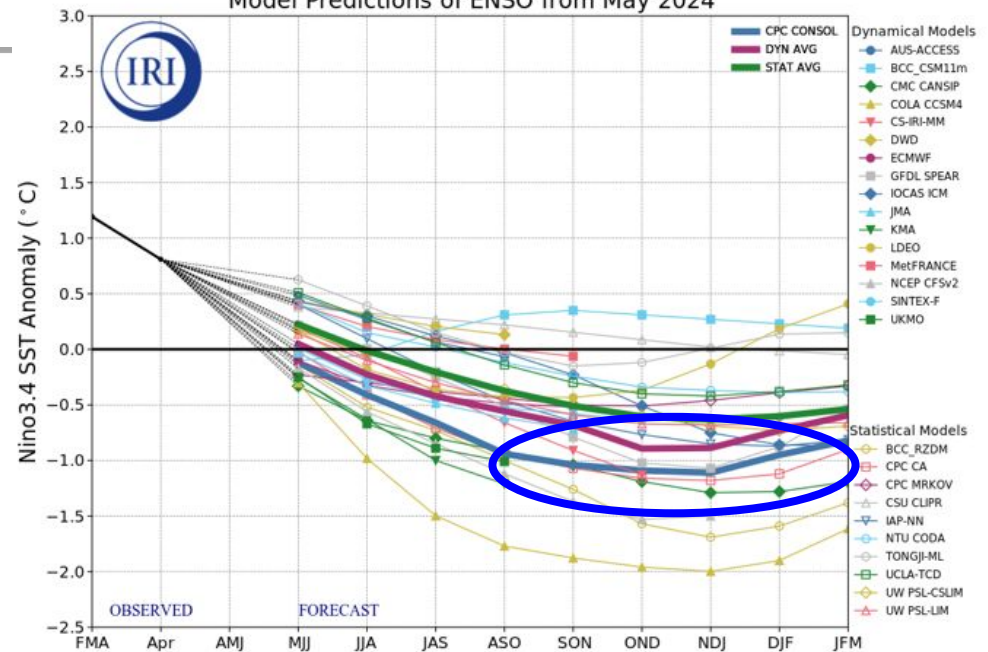
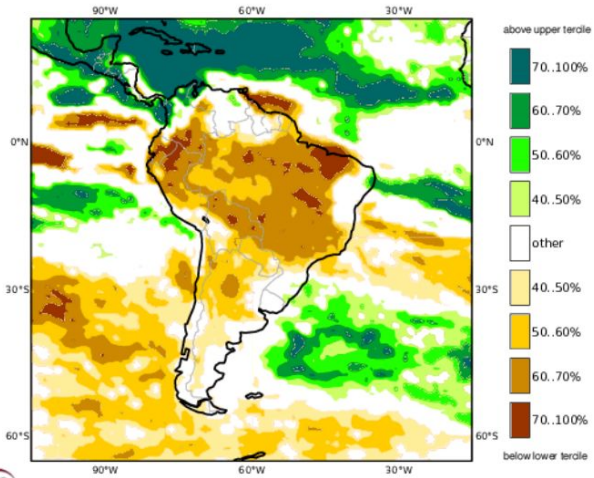


Figure provided by the International Research Institute (IRI) for Climate and Society (updated 20 May 2024).

Previsão Sazonal de Chuva Julho-Agosto-Setembro

C3S: ECMWF contribution
Prob(most likely category of precipitation)
Nominal forecast start: 01/06/24
Ensemble size = 51, climate size = 600

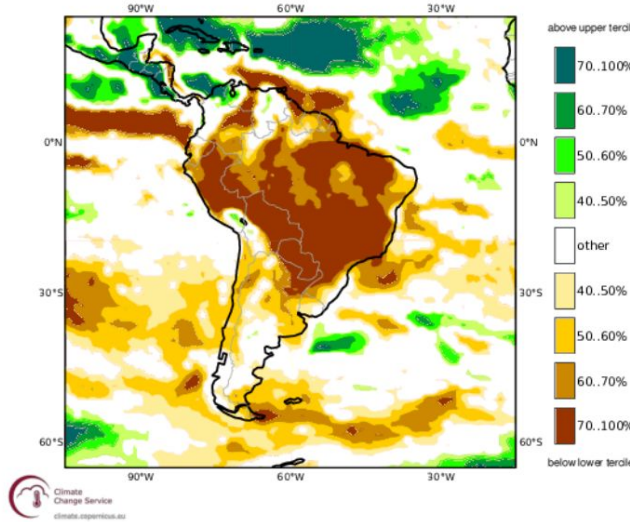
JAS 2024



Modelo Europeu

C3S: NCEP contribution
Prob(most likely category of precipitation)
Nominal forecast start: 01/06/24
Ensemble size = 52, climate size = 384

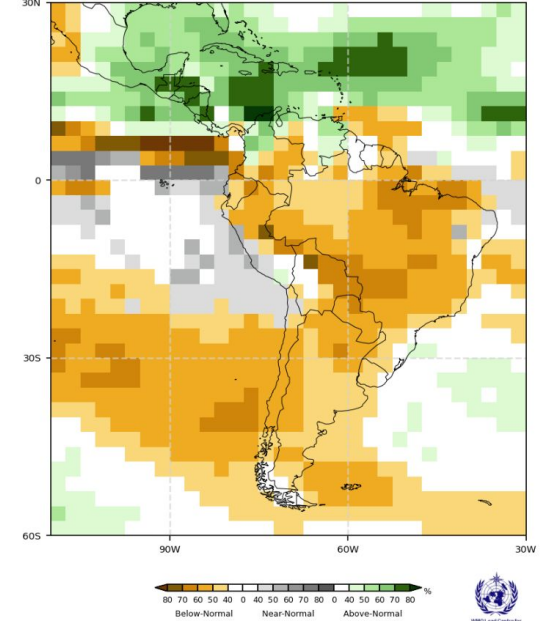
JAS 2024



Modelo Americano

Probabilistic Multi-Model Ensemble Forecast
Beijing, CMCC, CPTEC, ECMWF, Melbourne, Montreal, Moscow, Offenbach, Seoul, Tokyo, Toulouse, Washington

Precipitation : JAS2024 (issued on Jun2024)



Modelos da Organização Meteorológica Mundial