

Monitoramento da situação da seca na Região Sul

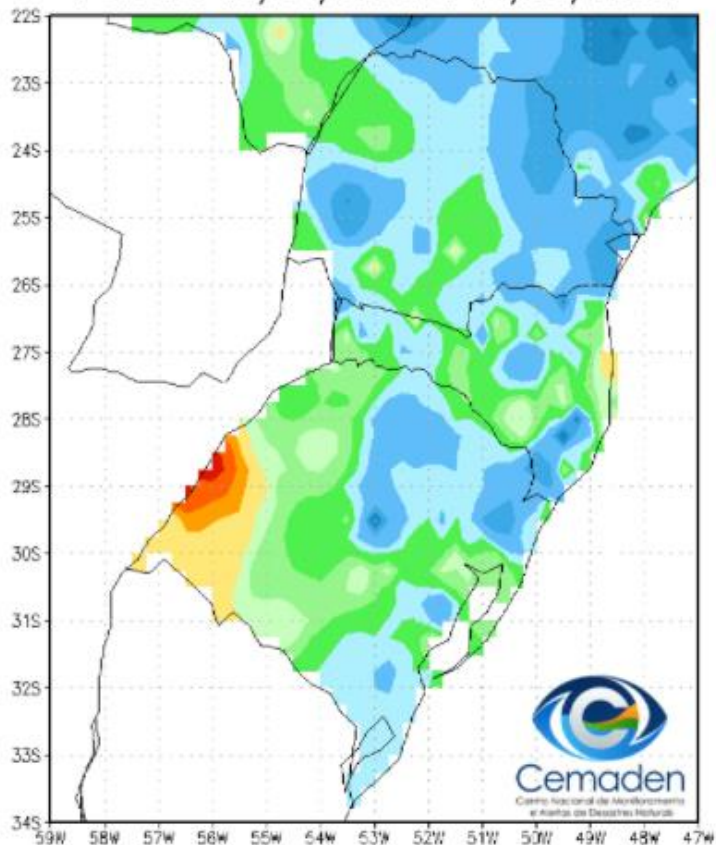


Cemaden
Centro Nacional de Monitoramento
e Alertas de Desastres Naturais

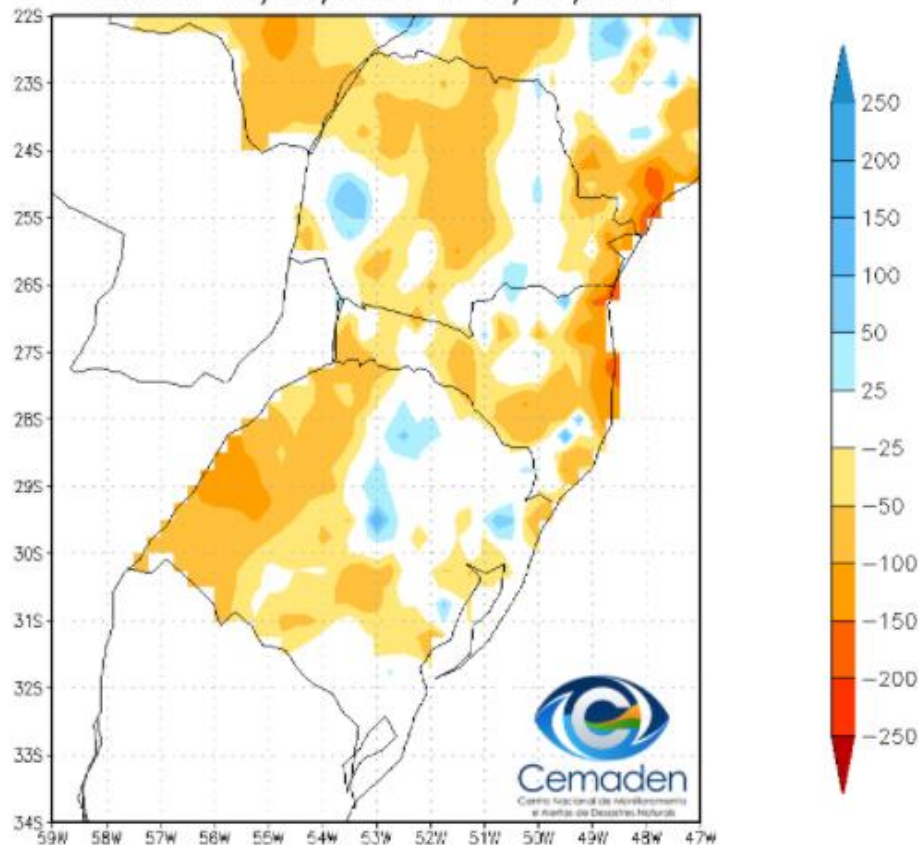
15 de fevereiro de 2022

Precipitação nos últimos 30 dias

Precipitação Acumulada (mm)
Período: 15/01/2022 a 14/02/2022

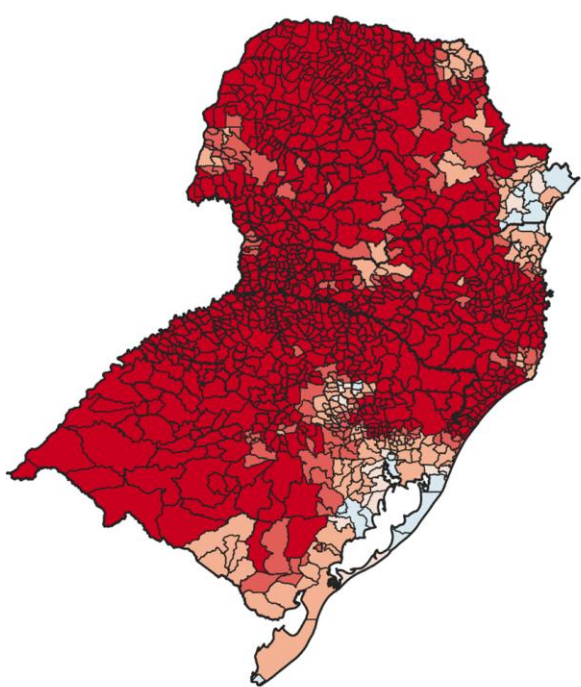


Anomalia de Precipitação (mm)
Período: 15/01/2022 a 14/02/2022

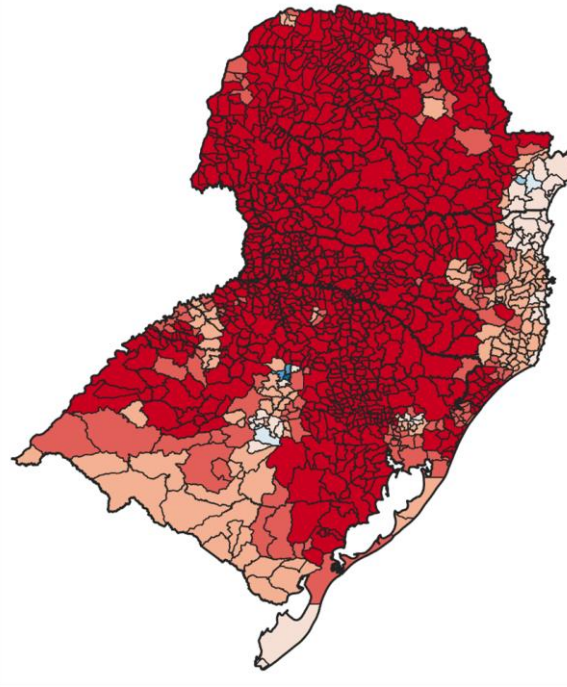


SPI: Fevereiro de 2022

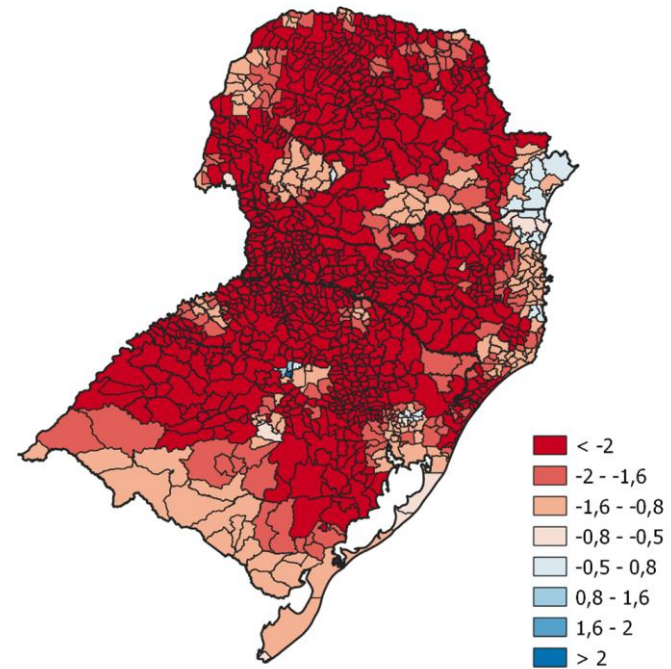
SPI03



SPI12



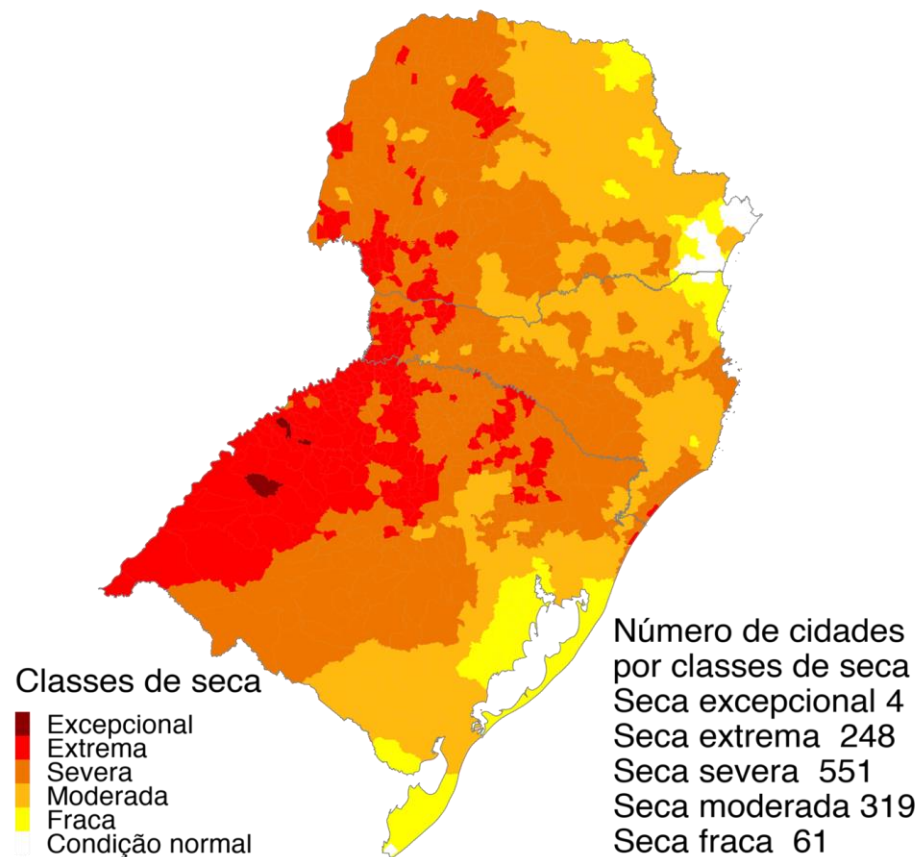
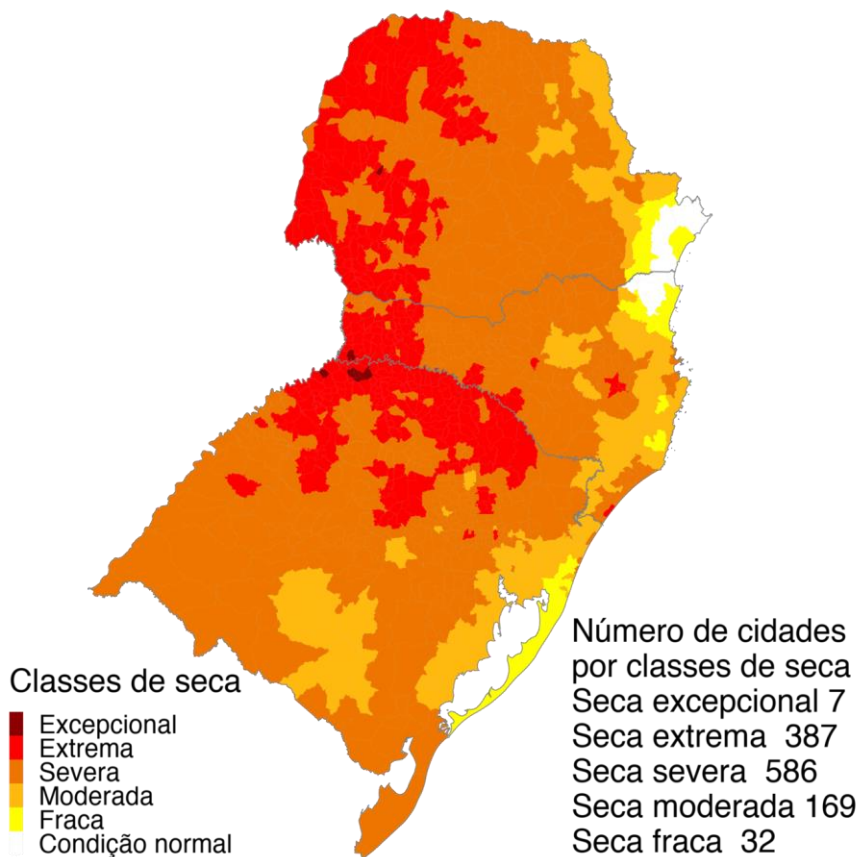
SPI24



Índice Integrado de Seca – IIS (SPI, VHI, AUS)

15 de Janeiro de 2022

15 de fevereiro de 2022



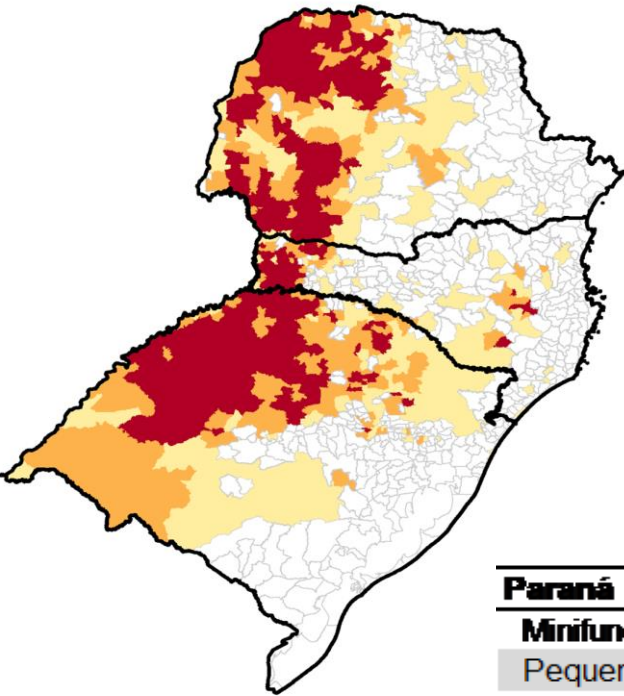
Janeiro 2022
Índice Integrado de Seca (SPI3, VHI, AUS)

Dados: CPTEC/INPE - NOAA - NASA / Preparação: Cemaden/MCTI

Janeiro 2022
Índice Integrado de Seca (SPI3, VHI, AUS)

Dados: CPTEC/INPE - NOAA - NASA / Preparação: Cemaden/MCTI

Áreas Agroprodutivas afetadas pela seca – Região Sul: **11/02**



Paraná			
Minifúndio	48867 (19%)	48620 (19%)	74754 (29%)
Pequena Propriedade	25554 (20%)	24456 (19%)	35944 (28%)
Media Propriedade	5878 (22%)	4286 (16%)	6613 (25%)
Santa Catarina			
Minifúndio	38833 (17%)	20679 (9%)	35854 (16%)
Pequena Propriedade	14450 (18%)	5696 (7%)	6846 (8%)
Media Propriedade	2211 (22%)	475 (5%)	263 (3%)
Rio Grande do Sul			
Minifúndio	50783 (14%)	66247 (18%)	122788 (33%)
Pequena Propriedade	22836 (21%)	26574 (19%)	39084 (28%)
Media Propriedade	5647 (23%)	5372 (22%)	5530 (22%)

160708 (61%)
78958 (62%)
14524 (54%)
129453 (56%)
39818 (48%)
5305 (53%)
280512 (76%)
102276 (74%)
17276 (70%)

Imóveis Rurais Impactados > 40%

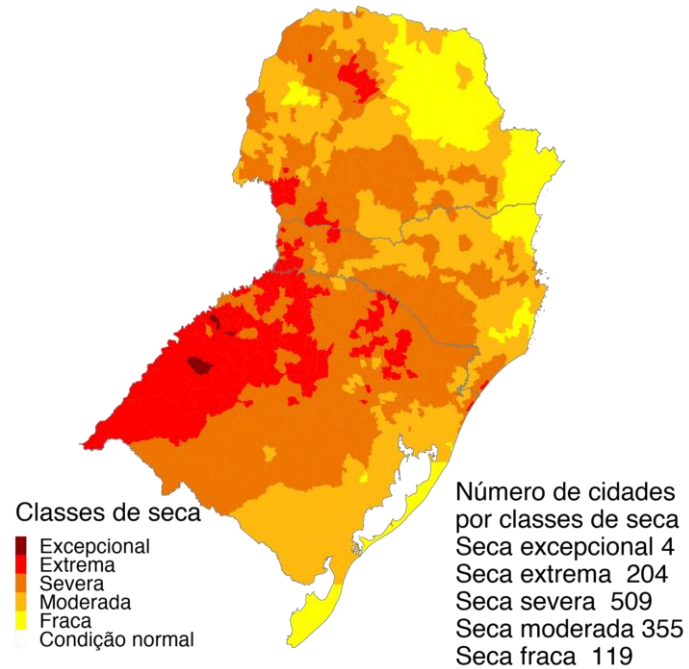
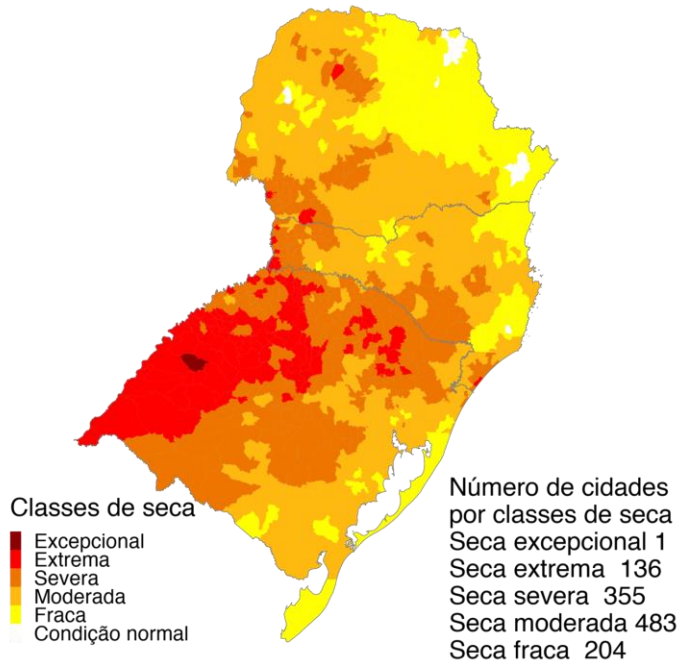
172241 (66%)
85954 (67%)
16777 (62%)
95366 (41%)
26992 (33%)
2949 (30%)
239818 (65%)
88494 (64%)
16549 (67%)

*Estimativa a partir dos dados do Cadastro Ambiental Rural para minifúndios, pequenas e médias propriedades e VHI (Satélite)

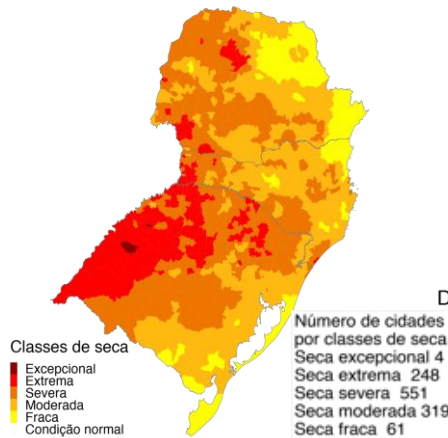
Cenários IIS: Região Sul: **Março/22**

Chuva 30% ACIMA da média

Chuva 30% ABAIXO da média



IIS6 observado (15/02)



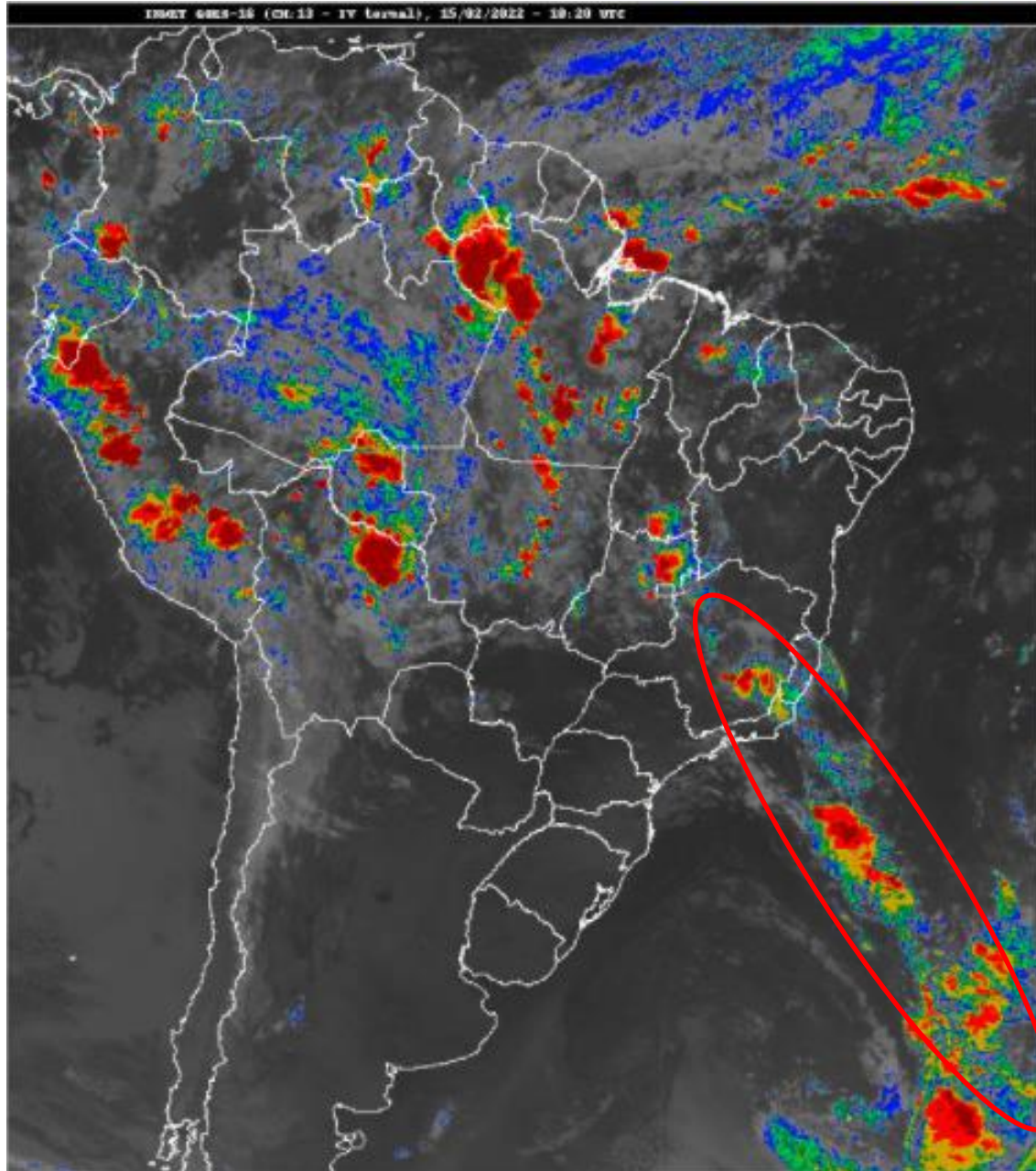
Janeiro 2022
Índice Integrado de Seca (SPI6, VHI, AUS)
Cenário: Chuva + 30%

Janeiro 2022
Índice Integrado de Seca (SPI6, VHI, AUS)
Cenário: Chuva - 30%

Janeiro 2022
Índice Integrado de Seca (SPI6, VHI, AUS)
Dados: CPTEC/INPE - NOAA - NASA / Preparação: Cemaden/MCTI

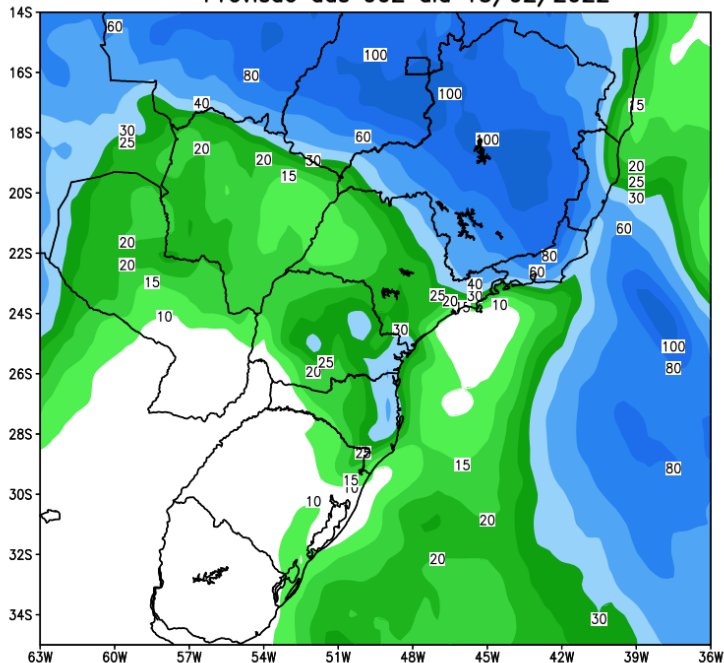
Dados: CPTEC/INPE - NOAA - NASA / Preparação: Cemaden/MCTI

Situação meteorológica atual

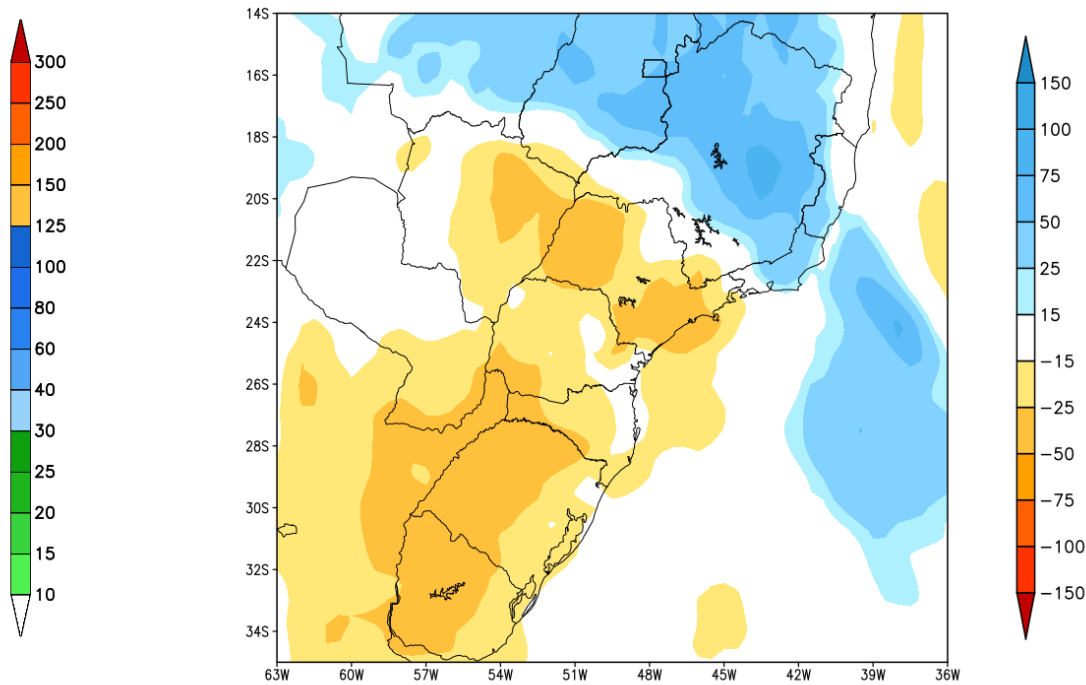


Previsão de chuva próximos 7 dias

GEFS / BRASIL_SUL
Precipitação acumulada 1aSem (mm)
Previsão das 00Z dia 15/02/2022



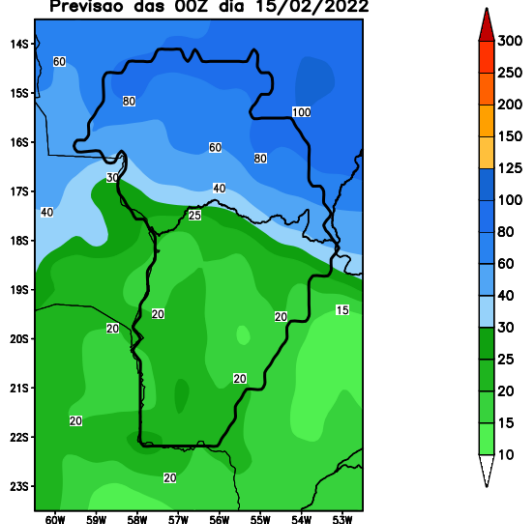
Anomalia de Precipitação BR SUL (mm)
Período: 2022021500 a 2022022200



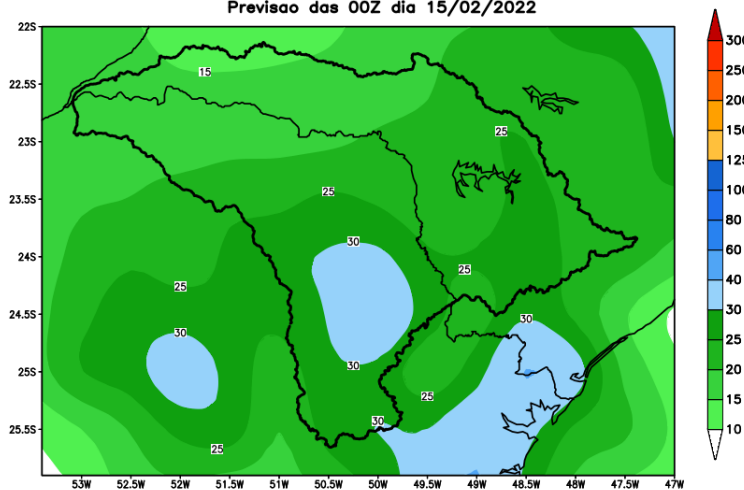
MODELO GFS

Previsão para as principais bacias

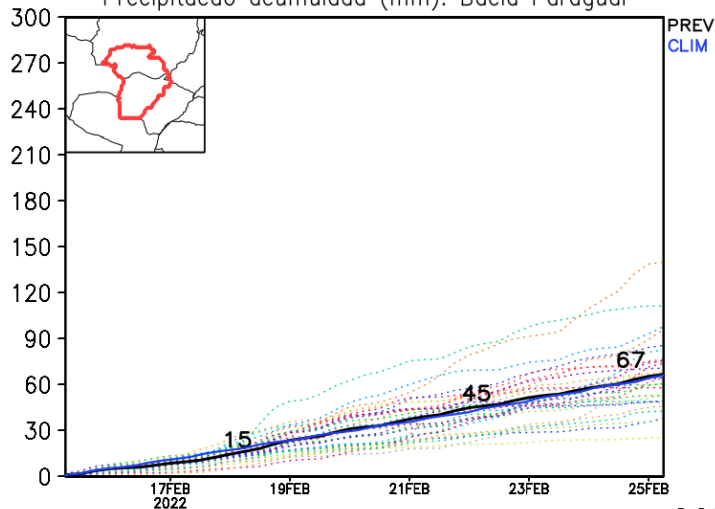
GEFS / Bacia do Rio Paraguai
Precipitação acumulada em 7 dias (mm)
Previsão das 00Z dia 15/02/2022



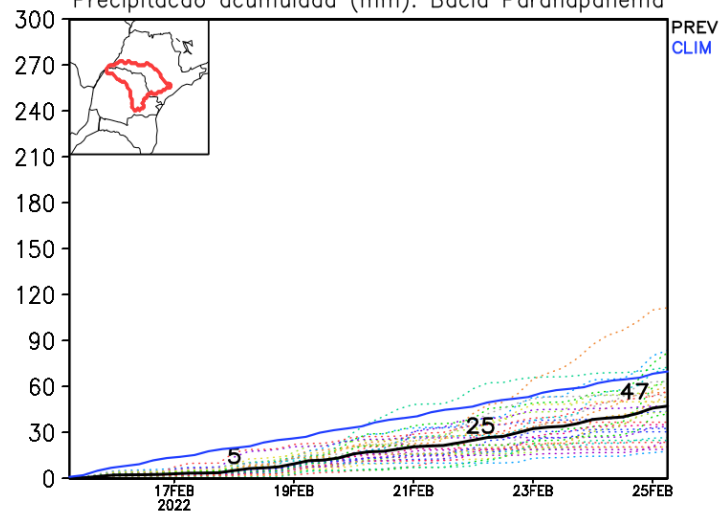
GEFS / Bacia do Rio Paranapanema
Precipitação acumulada em 7 dias (mm)
Previsão das 00Z dia 15/02/2022



Precipitação acumulada (mm): Bacia Paraguai



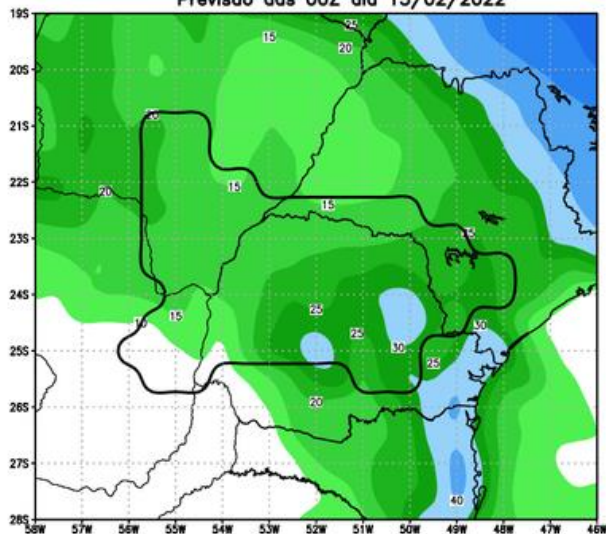
Precipitação acumulada (mm): Bacia Paranapanema



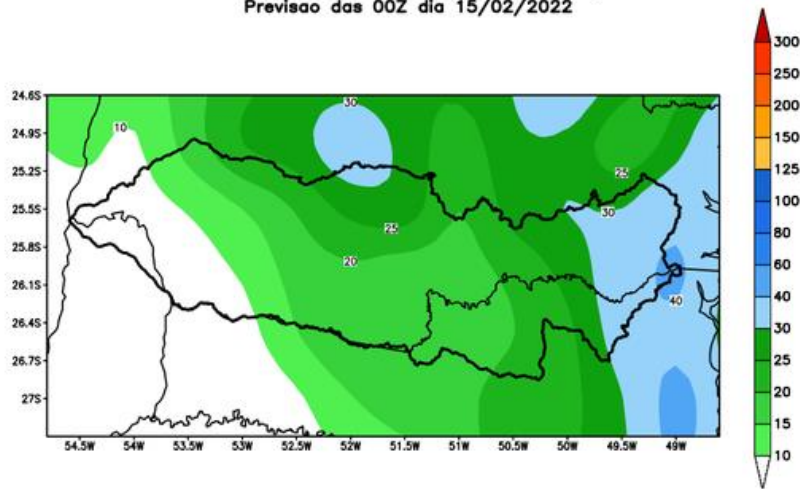
MODELO GFS

Previsão para as principais bacias

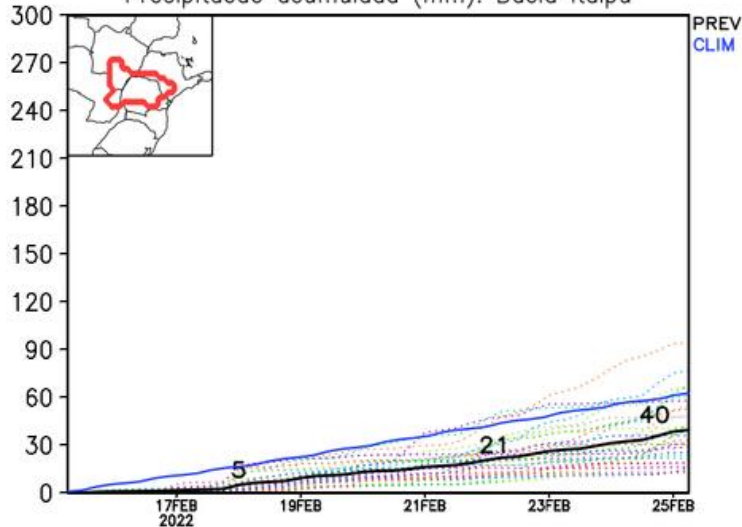
GEFS / Itaipu
Precipitação acumulada em 7 dias (mm)
Previsão das 00Z dia 15/02/2022



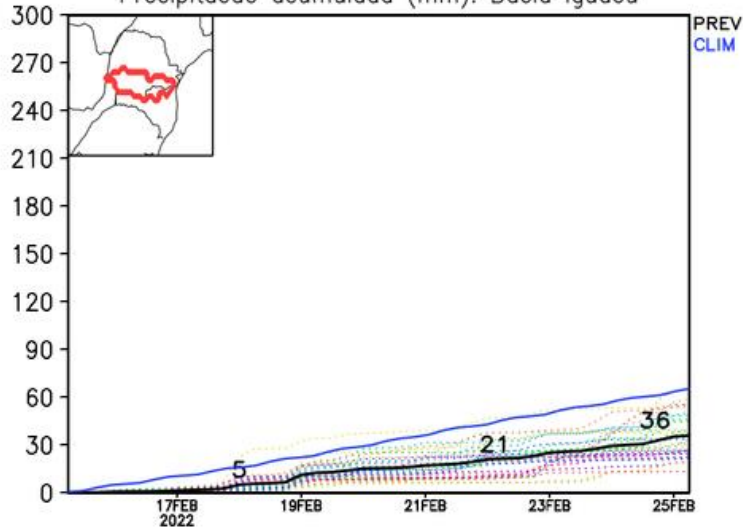
GEFS / Bacia do Rio Iguacu
Precipitação acumulada em 7 dias (mm)
Previsão das 00Z dia 15/02/2022



Precipitação acumulada (mm): Bacia Itaipu

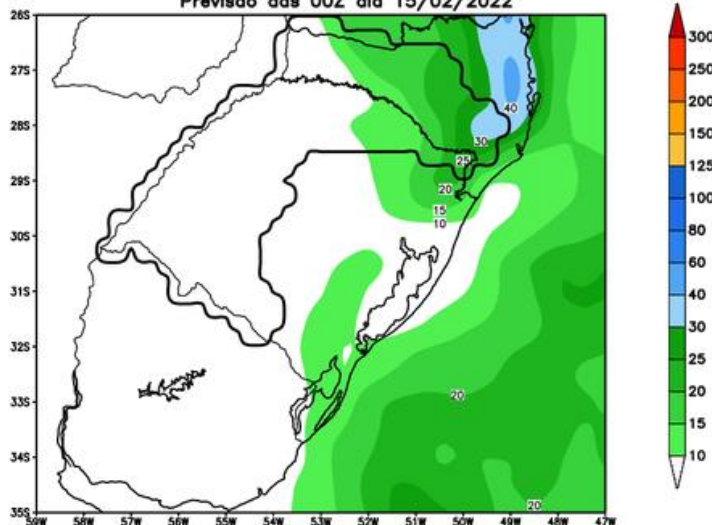


Precipitação acumulada (mm): Bacia Iguacu

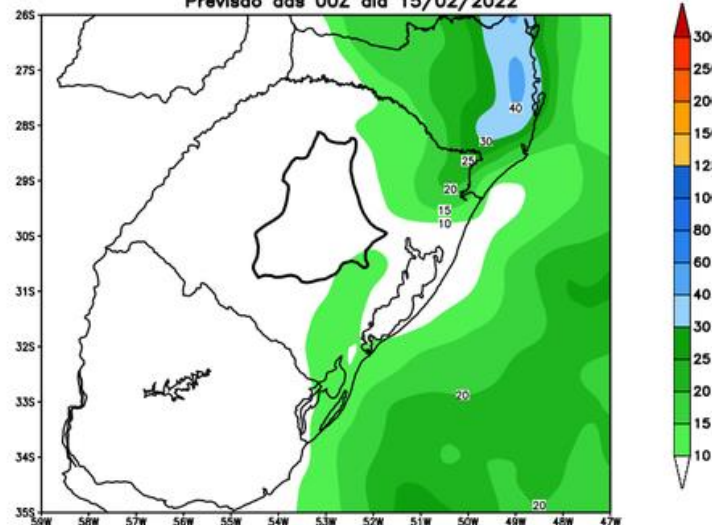


Previsão para as principais bacias

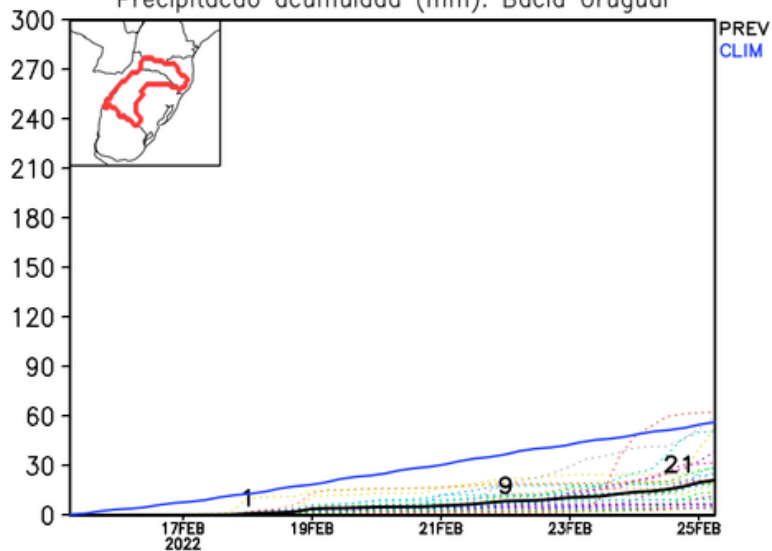
GEFS / Bacia do Rio Uruguai
Precipitacao acumulada em 7 dias (mm)
Previsao das 00Z dia 15/02/2022



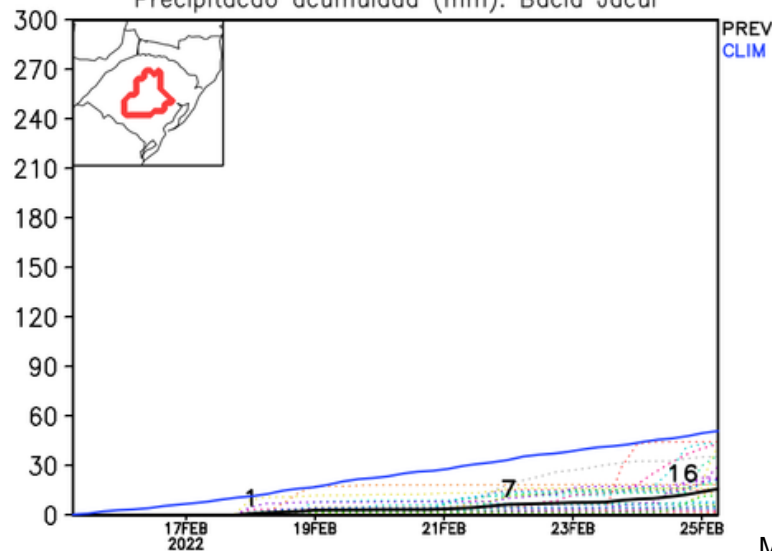
GEFS / Bacia do Rio Jacui
Precipitacao acumulada em 7 dias (mm)
Previsao das 00Z dia 15/02/2022



Precipitacao acumulada (mm): Bacia Uruguai

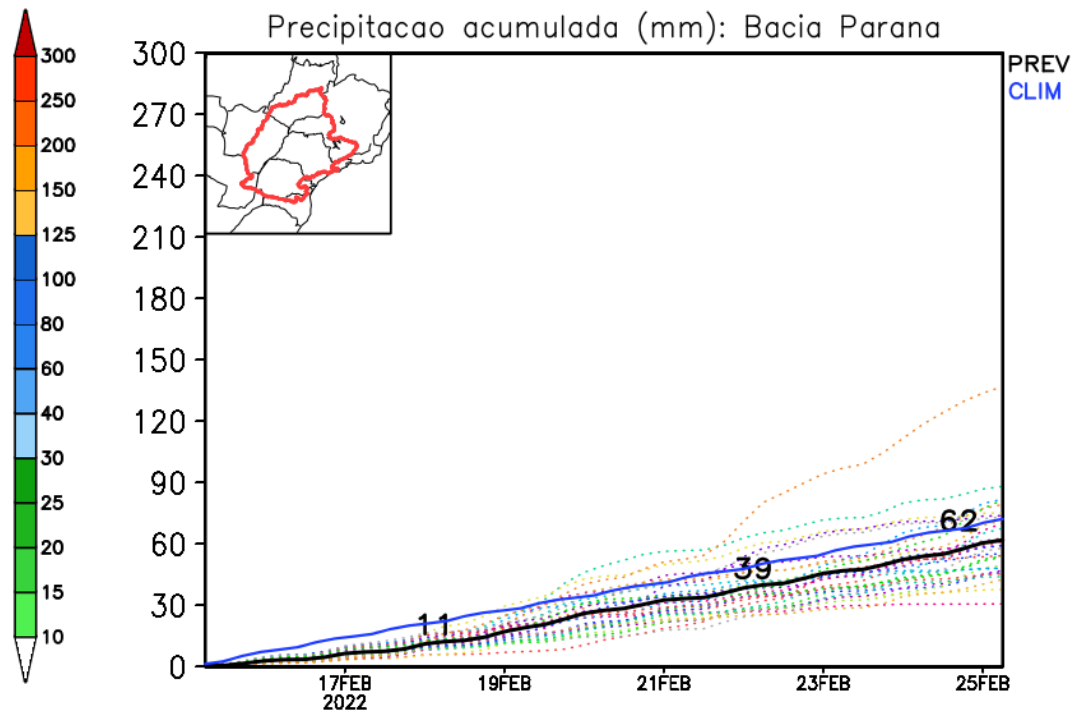
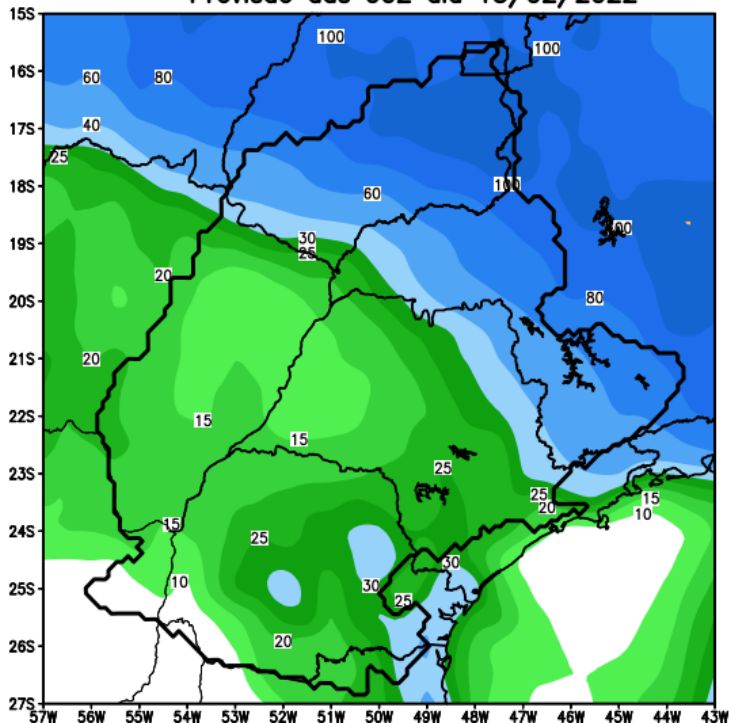


Precipitacao acumulada (mm): Bacia Jacui



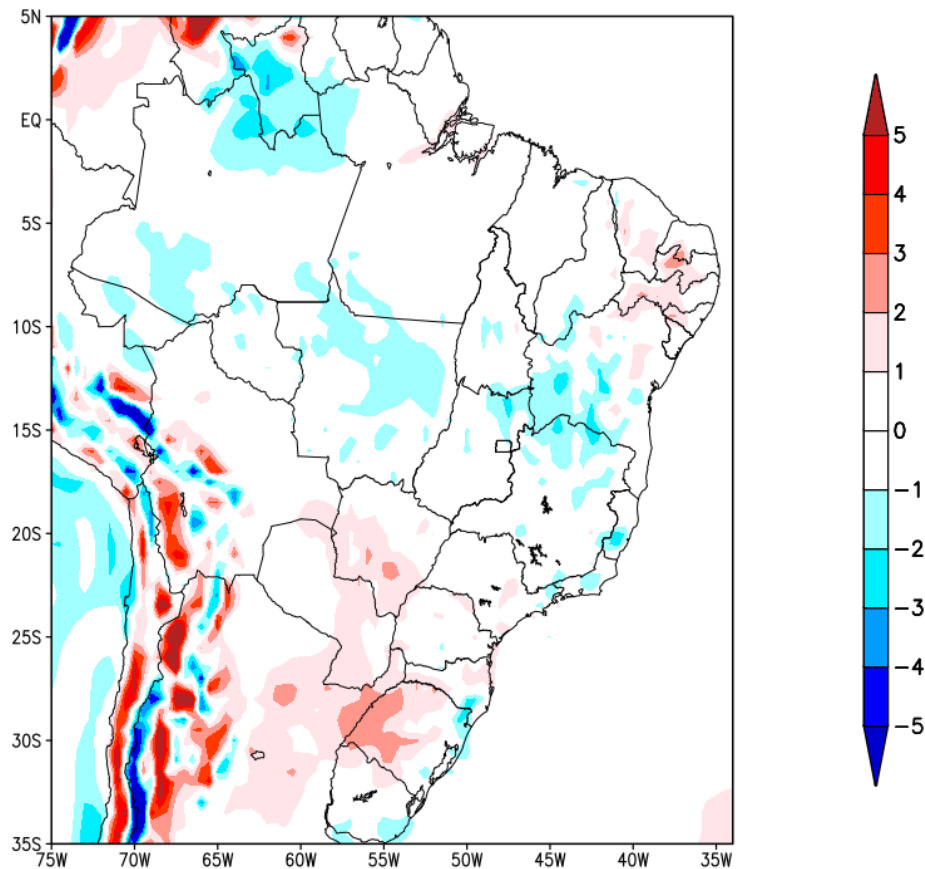
Previsão para as principais bacias

GEFS / Bacia do Parana
Precipitacao acumulada em 7 dias (mm)
Previsao das 00Z dia 15/02/2022



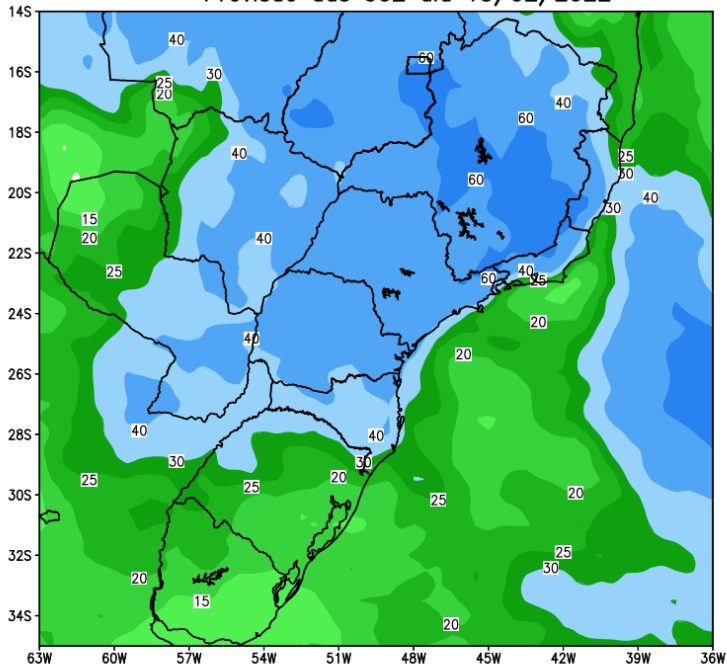
Previsão de Temperatura

Anomalia de Temperatura BR (C)
Período: 2022021500 a 2022022200

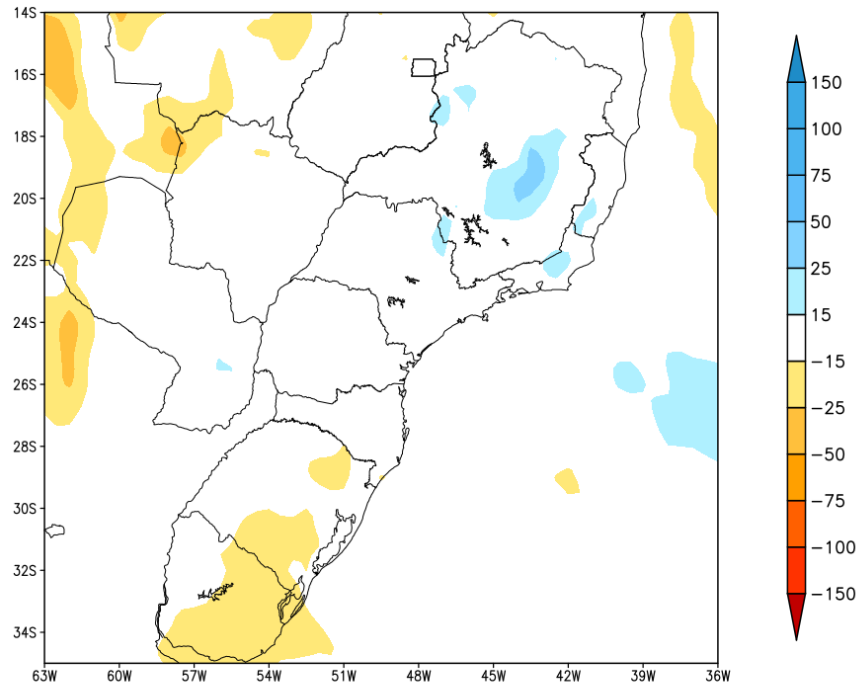


Tendência para a segunda semana

GEFS / BRASIL_SUL
Precipitacao acumulada 2aSem (mm)
Previsao das 00Z dia 15/02/2022



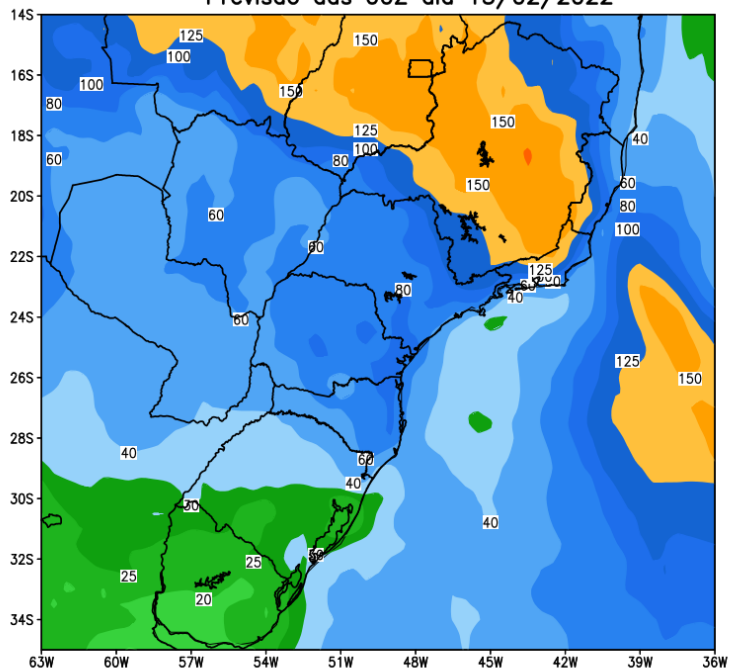
Anomalia de Precipitacao BR SUL (mm)
Periodo: 2022022300 a 2022030100



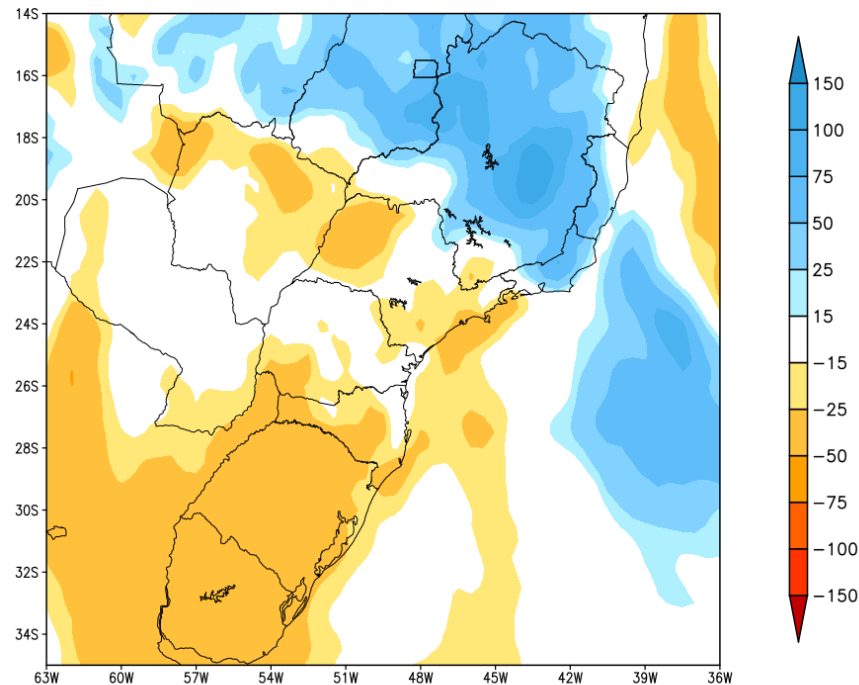
MODELO GFS

Tendência para as duas próximas semanas

GEFS / BRASIL_SUL
Precipitacao acumulada 14dias (mm)
Previsao das 00Z dia 15/02/2022



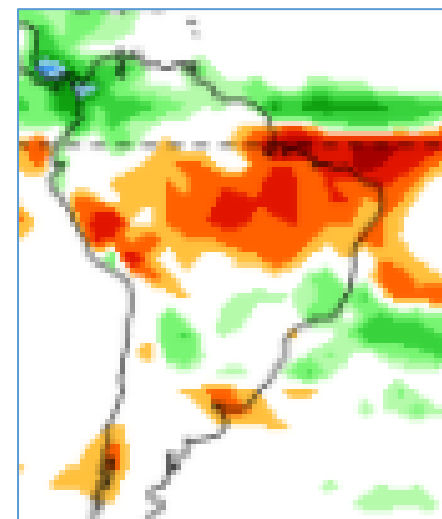
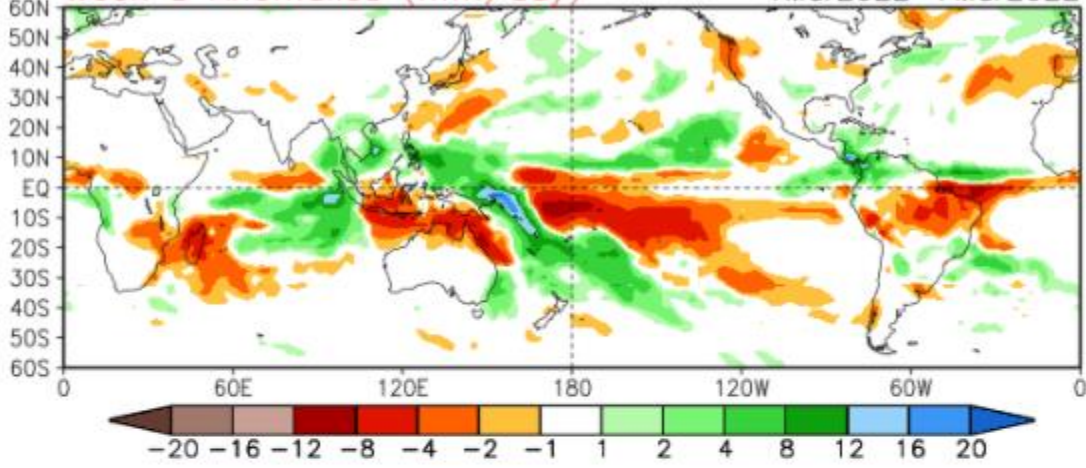
Anomalia de Precipitacao BR_SUL (mm)
Periodo: 2022021500 a 2022030100



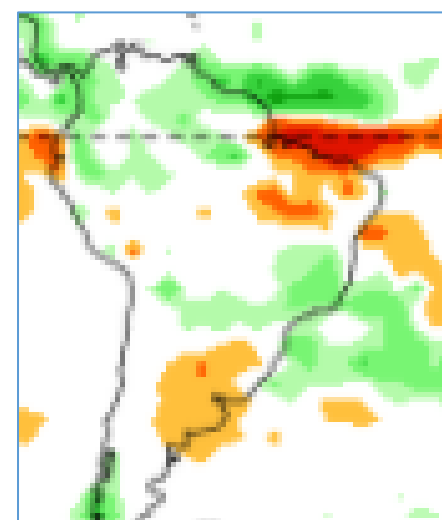
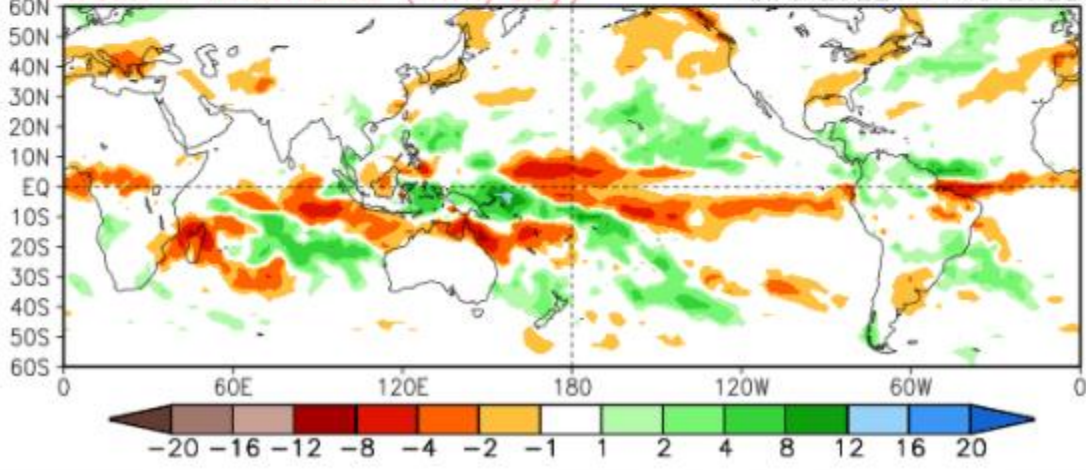
MODELO GFS

Tendência 3a e 4a semanas

Week 3 Anomalies (mm/day) 1Mar2022-7Mar2022

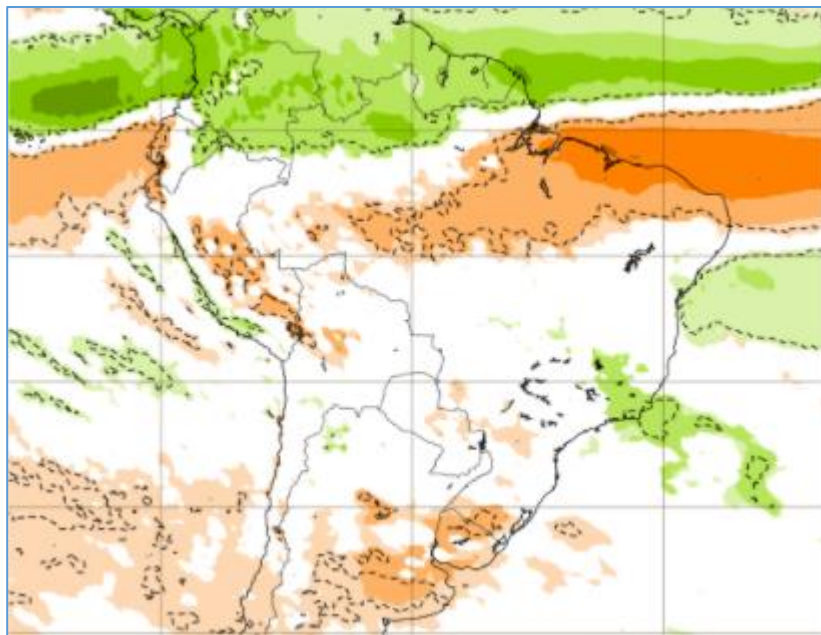


Week 4 Anomalies (mm/day) 8Mar2022-14Mar2022

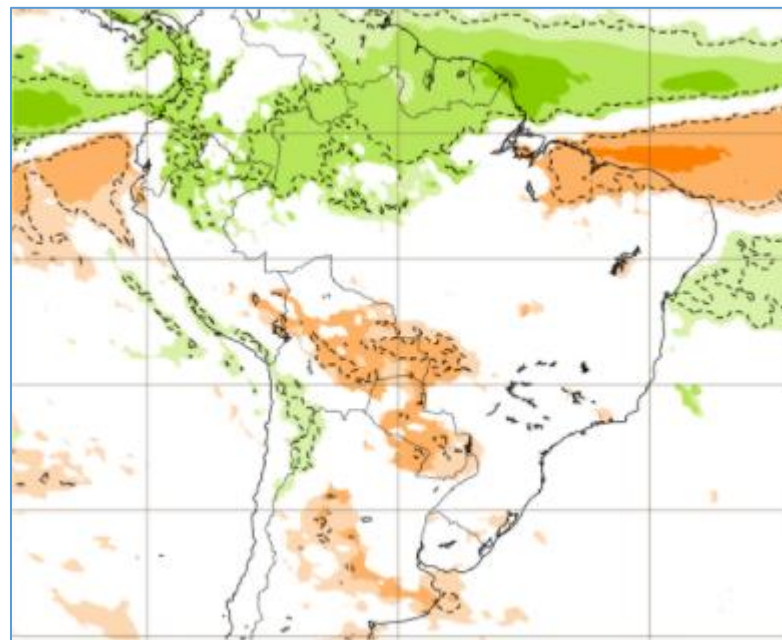


Tendência para 3ª e 4ª semanas

28/02-07/03

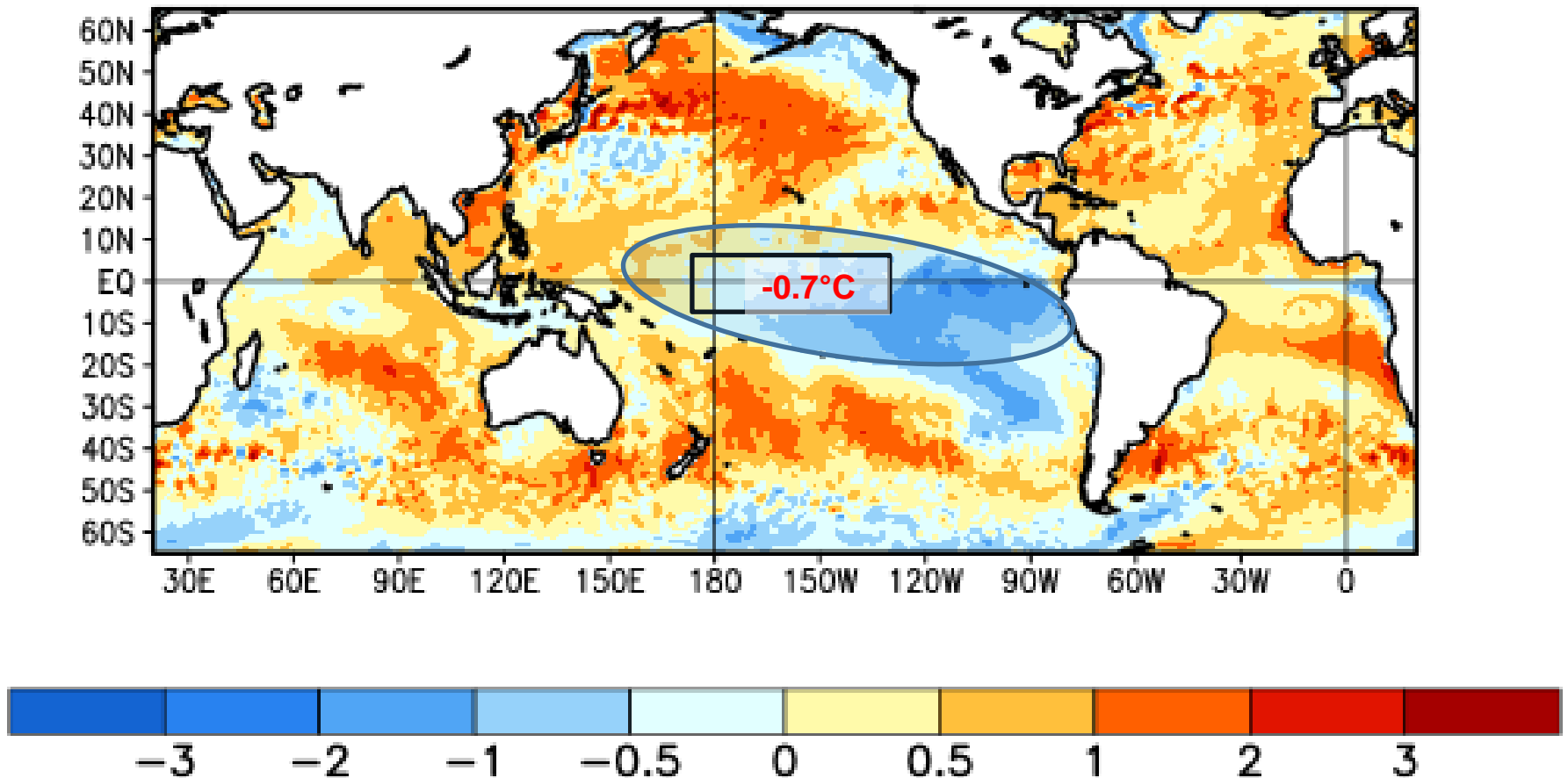


07-14/03



Status Atual: **La Niña**

Average SST Anomalies 16 JAN 2022 – 12 FEB 2022

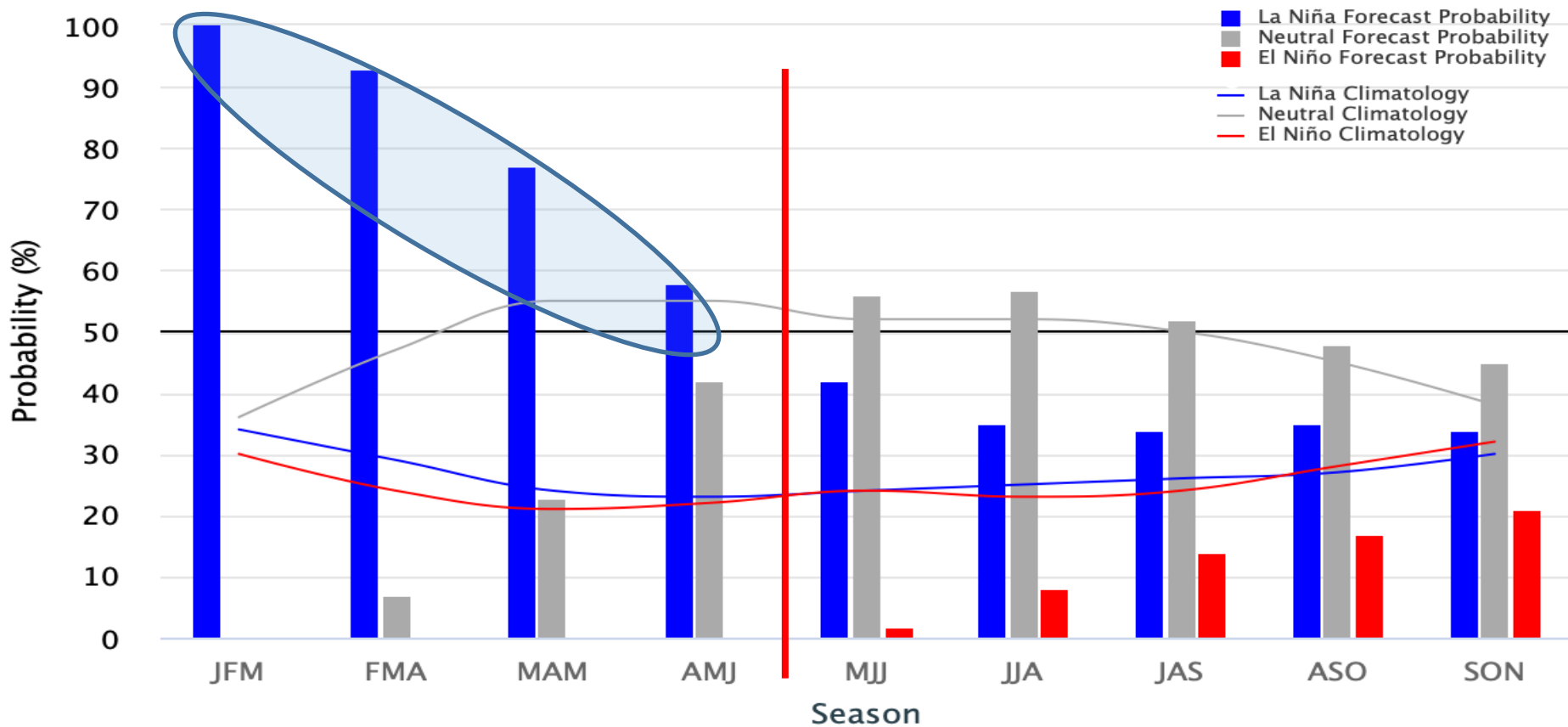


Previsão do “La Niña”

Early-February 2022 CPC/IRI Official Probabilistic ENSO Forecasts

ENSO state based on NINO3.4 SST Anomaly

Neutral ENSO: $-0.5\text{ }^{\circ}\text{C}$ to $0.5\text{ }^{\circ}\text{C}$



Status Atual: **La Niña**

FONTE: NOAA

Previsão sazonal de Chuva (MAM)

