

Monitoramento da situação da seca na Região Sul

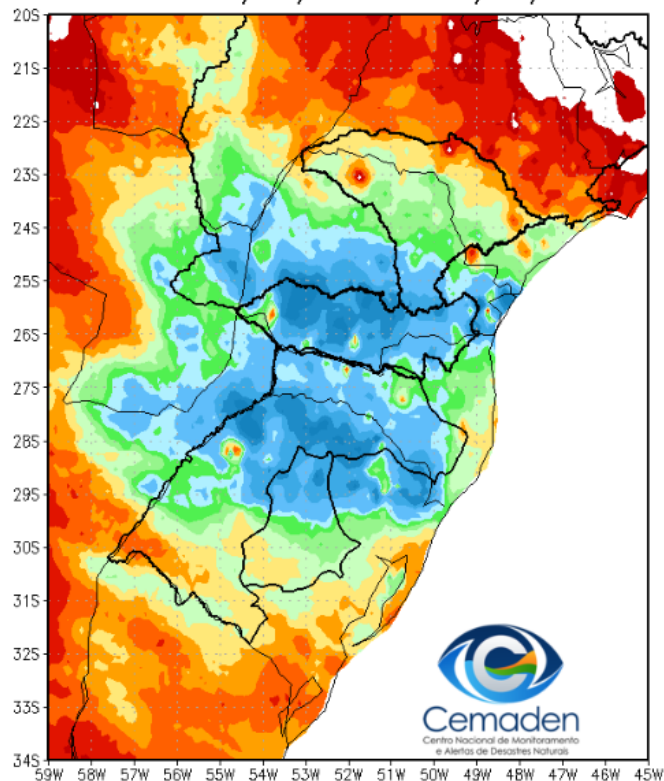


Cemaden
Centro Nacional de Monitoramento
e Alertas de Desastres Naturais

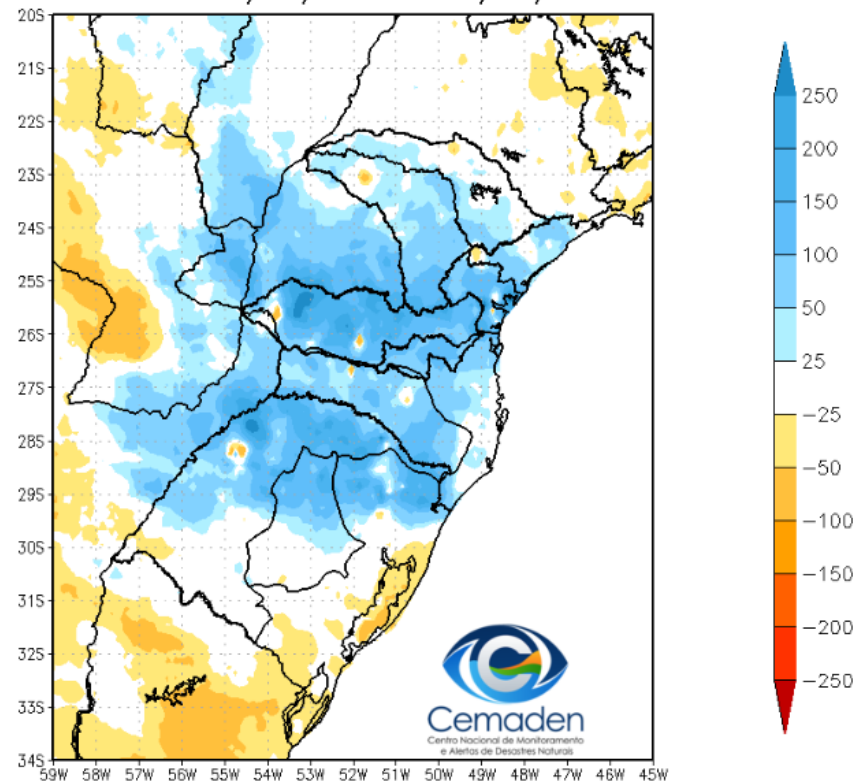
22 de Junho de 2022

Precipitação nos últimos 30 dias

Precipitação Acumulada (mm) A.S.
Período: 22/05/2022 a 21/06/2022

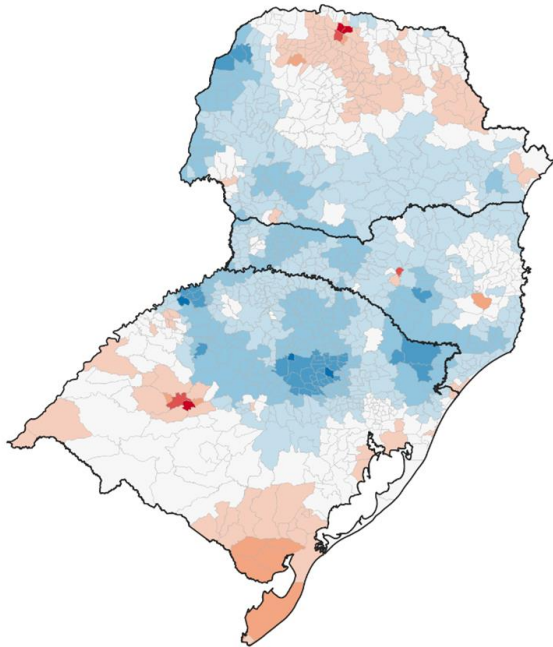


Anomalia de Precipitação (mm) A.S.
Período: 22/05/2022 a 21/06/2022

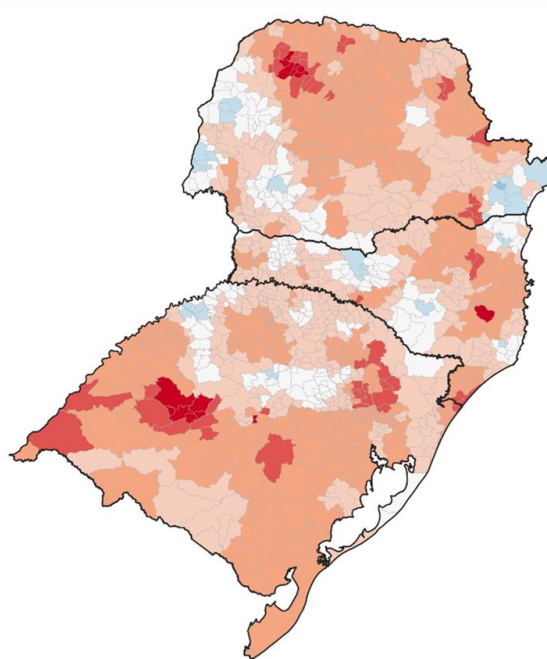


SPI: Junho de 2022

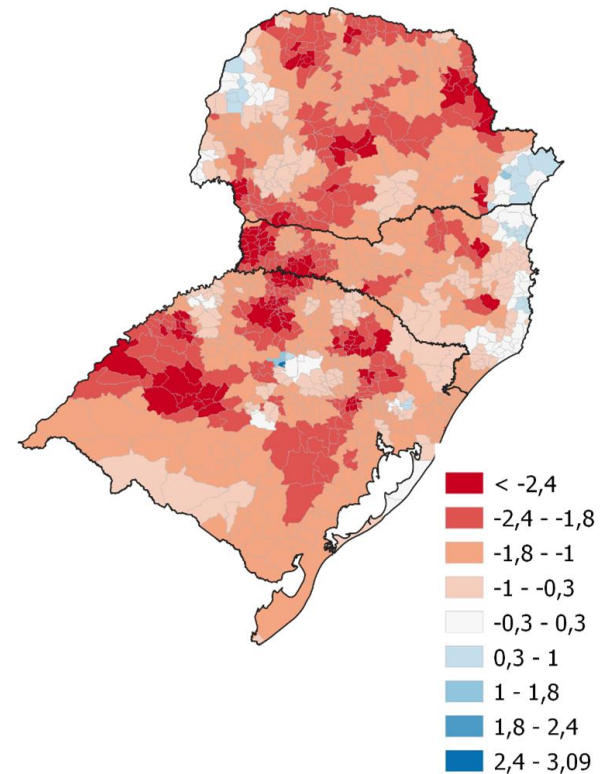
SPI03



SPI12



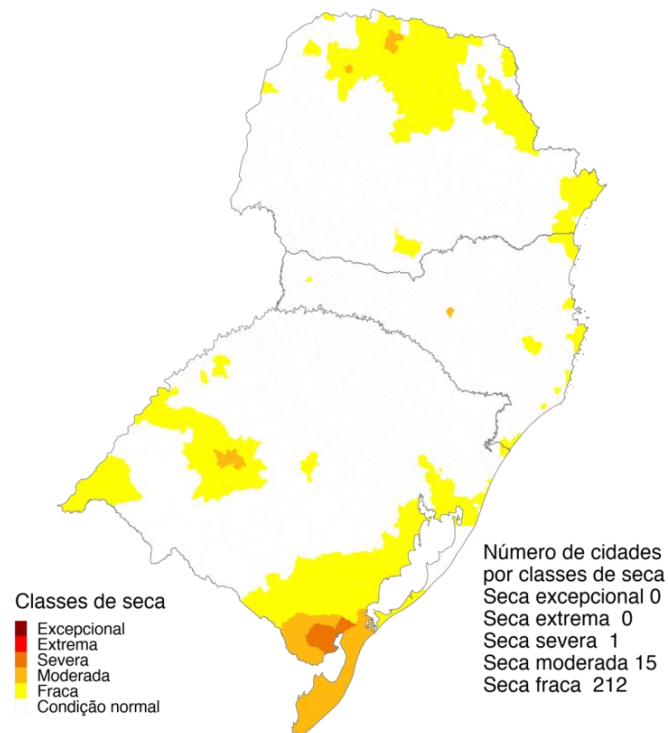
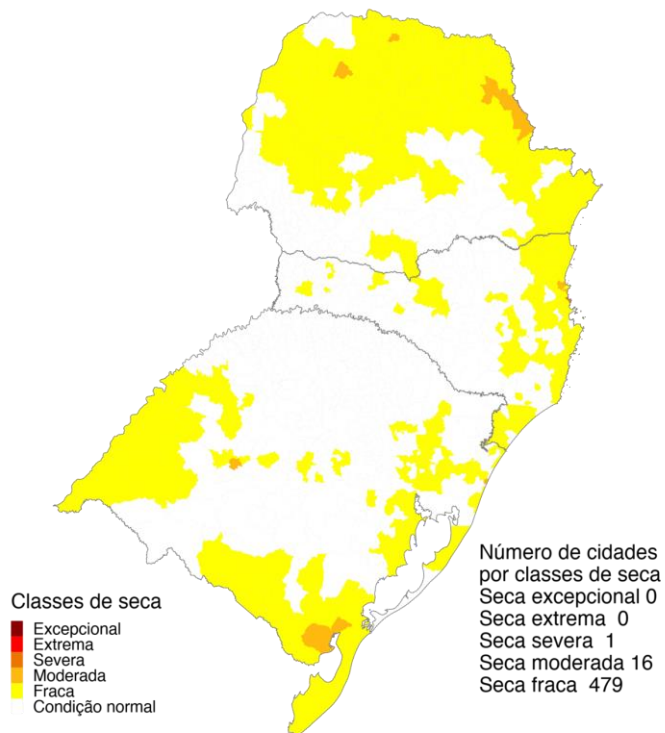
SPI24



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

2 de junho de 2022

22 de junho de 2022

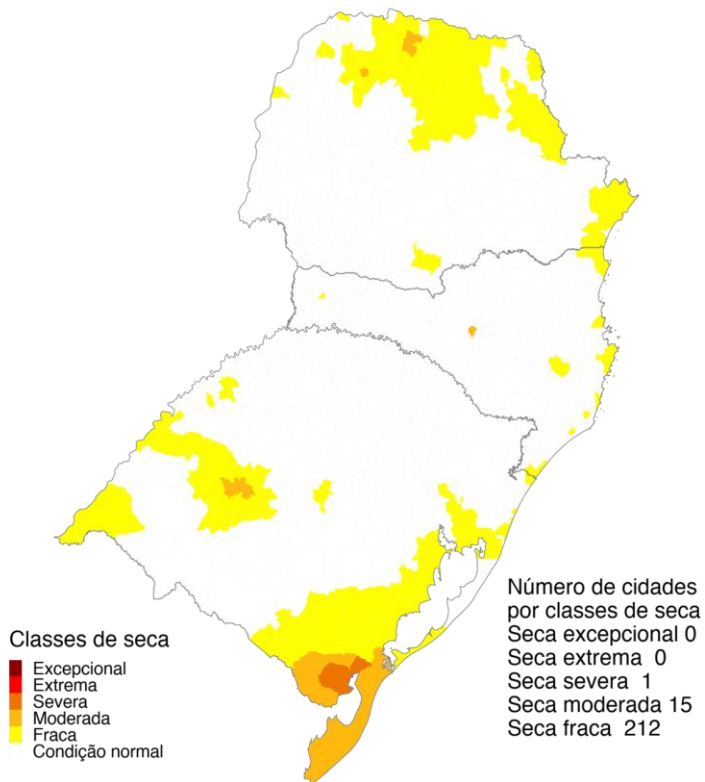


Maio 2022
Índice Integrado de Seca (SPI3, VHI, AUS)
Dados: CPTEC/INPE - NOAA - NASA / Preparação: Cemaden/MCTI

Junho 2022
Índice Integrado de Seca (SPI3, VHI, AUS)
Dados: CPTEC/INPE - NOAA - NASA / Preparação: Cemaden/MCTI

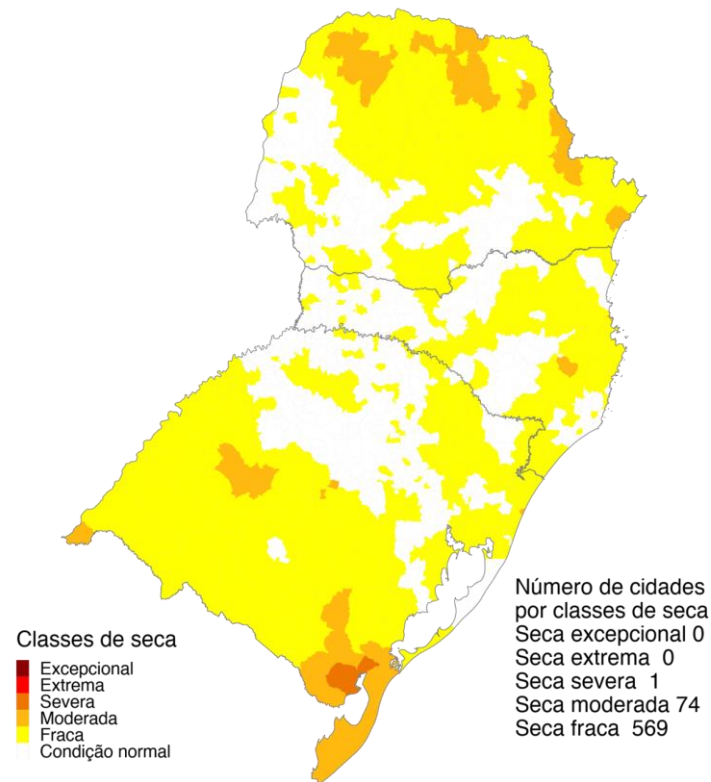
Índice Integrado de Seca – IIS nas escalas de 3 e 6 meses

IIS3



Junho 2022
Índice Integrado de Seca (SPI3, VHI, AUS)
Dados: CPTEC/INPE - NOAA - NASA / Preparação: Cemaden/MCTI

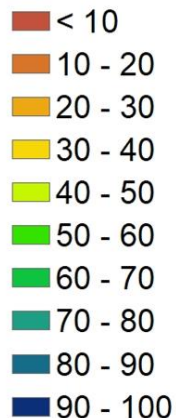
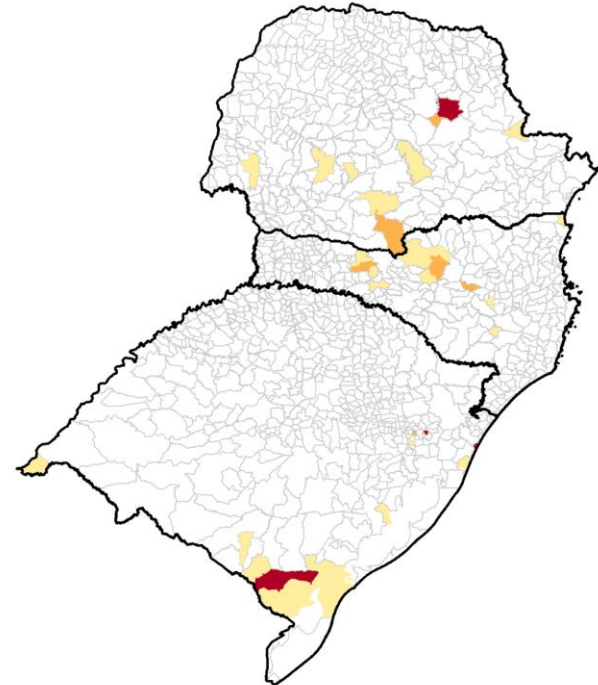
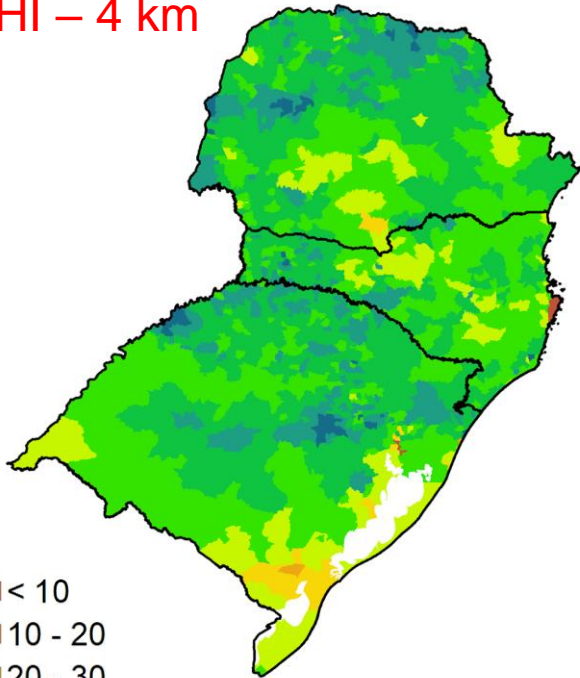
IIS6



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

Áreas Agroprodutivas afetadas pela seca – Região Sul: 17/06

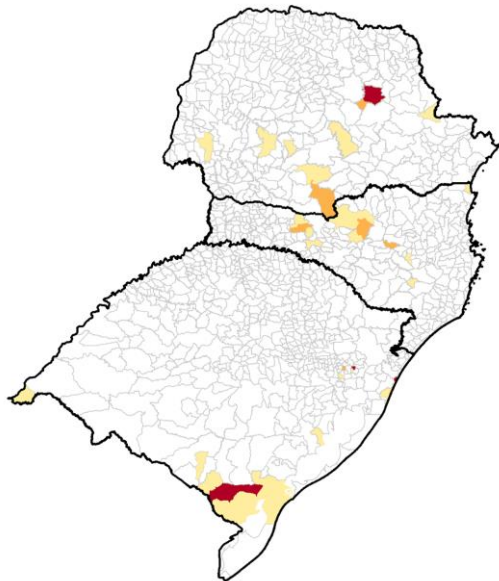
VHI – 4 km



| UF | 40 a 60% | | 60 - 80% | | > 80% | |
|-------------------|----------|--------|----------|--------|--------|--------|
| | 13/mai | 17/jun | 13/mai | 17/jun | 13/mai | 17/jun |
| Paraná | 50 | 7 | 13 | 3 | 0 | 1 |
| Santa Catarina | 67 | 13 | 14 | 3 | 3 | |
| Rio Grande do Sul | 36 | 14 | 13 | 1 | 1 | 4 |

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

Áreas Agroprodutivas afetadas pela seca – Região Sul: **17/06**



| | 40 a 60% | 60 - 80% | > 80% | Imóveis Rurais Impactados > 40% |
|--------------------------|-----------|-----------|----------|---------------------------------|
| Paraná | | | | |
| Minifúndio | 8923 (3%) | 1520 (1%) | 27 (*) | 10470 (4%) |
| Pequena Propriedade | 5088 (4%) | 1005 (1%) | 15 (*) | 127498 (5%) |
| Media Propriedade | 915 (3%) | 218 (1%) | 3 (*) | 1136 (4%) |
| Santa Catarina | | | | |
| Minifúndio | 5480 (2%) | 1171 (1%) | - | 6651 (3%) |
| Pequena Propriedade | 3018 (4%) | 945 (1%) | - | 3963 (5%) |
| Media Propriedade | 629 (6%) | 286 (3%) | - | 915 (5%) |
| Rio Grande do Sul | | | | |
| Minifúndio | 2879 (1%) | 200 (*) | 910 (*) | 3989 (1%) |
| Pequena Propriedade | 2081 (2%) | 38 (*) | 450 (*) | 137784 (2%) |
| Media Propriedade | 967 (4%) | 3 (*) | 179 (1%) | 1149 (5%) |

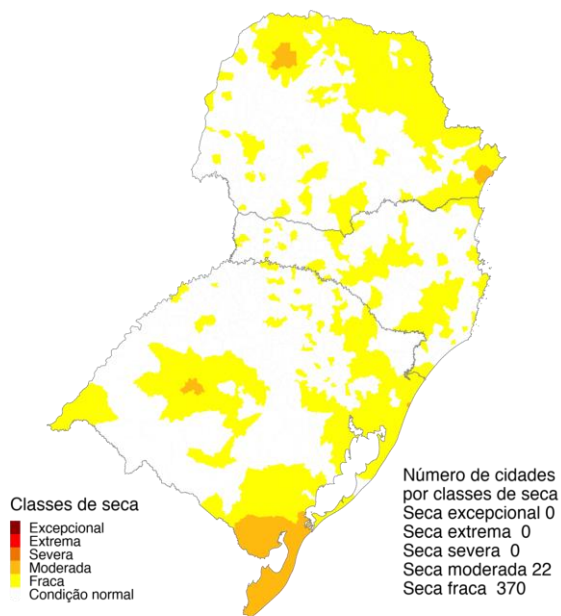
(*) Percentagem inferior a 1%.

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

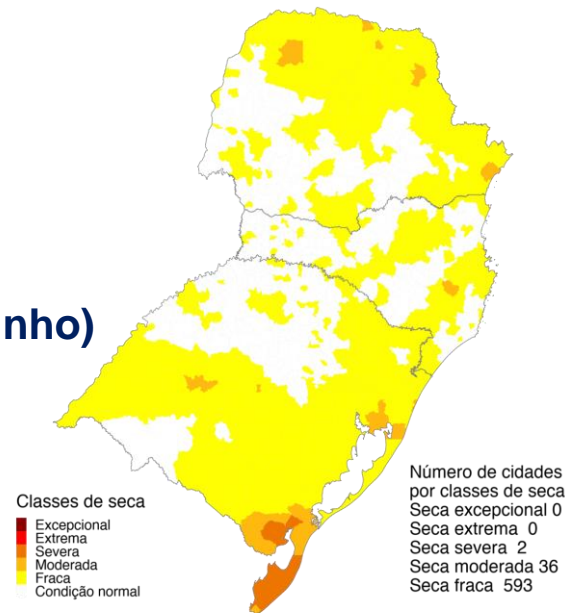
Cenários IIS: Região Sul: **Julho/22**

Chuva 30% **ACIMA** da média

Chuva 30% **ABAIXO** da média

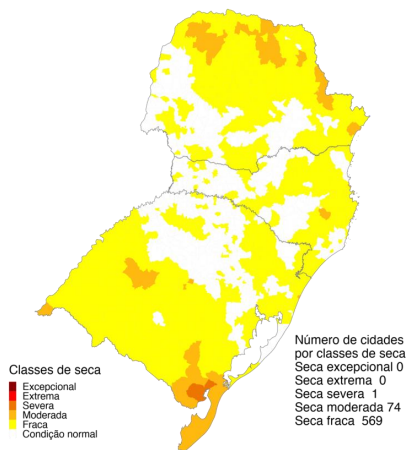


IIS6 observado (até 21 de junho)



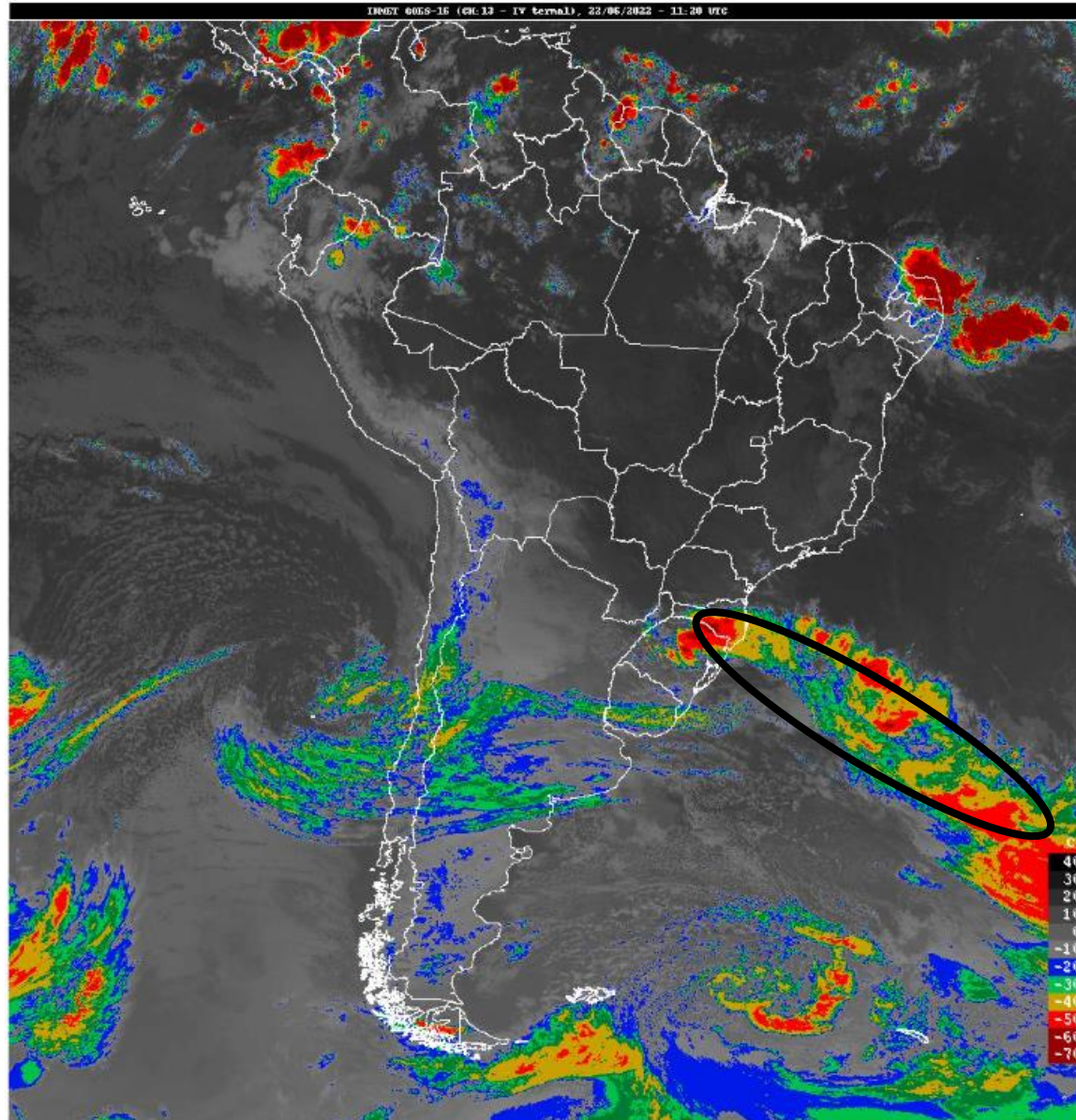
Junho 2022
Índice Integrado de Seca (SPI6, VHI, AUS)
Cenário: Chuva + 30%
Dados: CPTEC/INPE - NOAA - NASA / Preparação: Cemaden/MCTI

Junho 2022
Índice Integrado de Seca (SPI6, VHI, AUS)
Cenário: Chuva - 30%
Dados: CPTEC/INPE - NOAA - NASA / Preparação: Cemaden/MCTI



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

Situação meteorológica atual

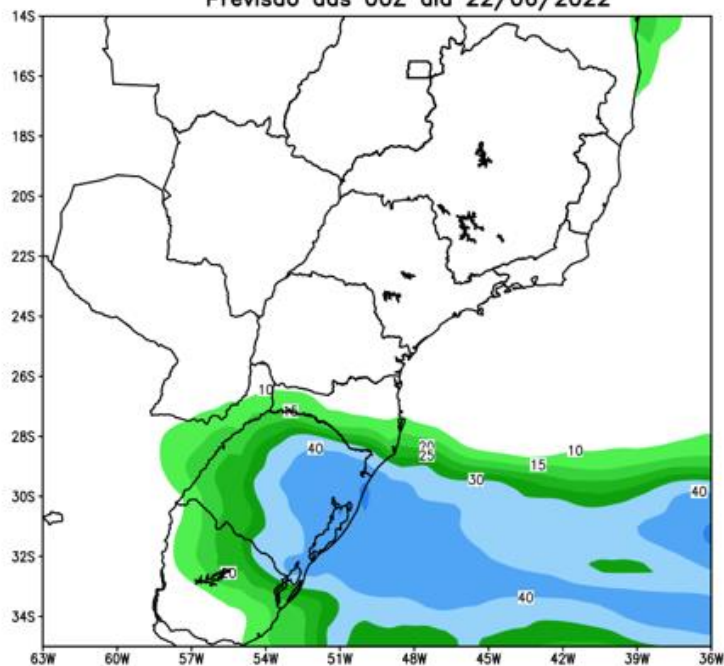


Fonte: INMET

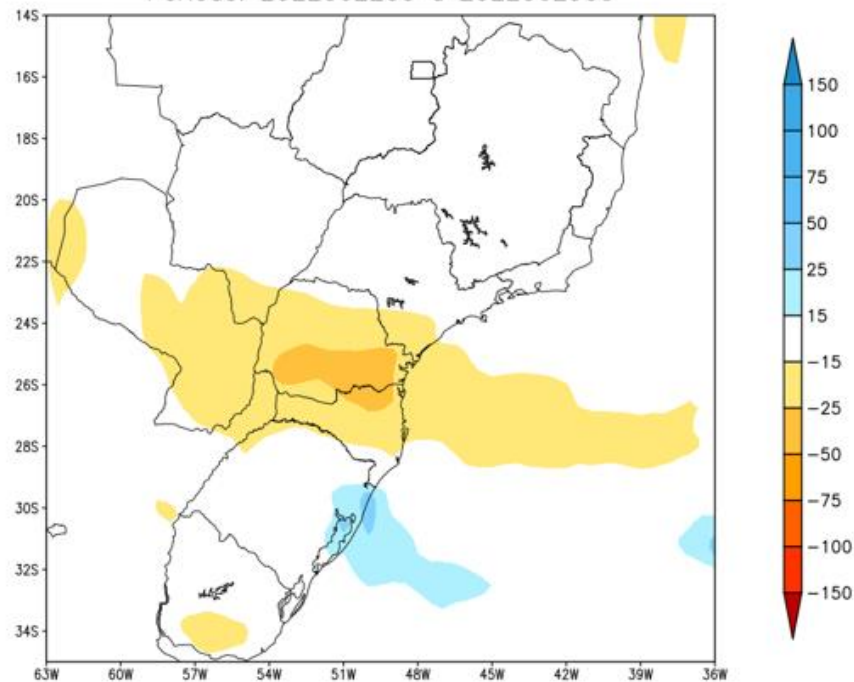


Previsão de chuva próximos 7 dias

GEFS / BRASIL_SUL
Precipitação acumulada 1aSem (mm)
Previsão das 00Z dia 22/06/2022



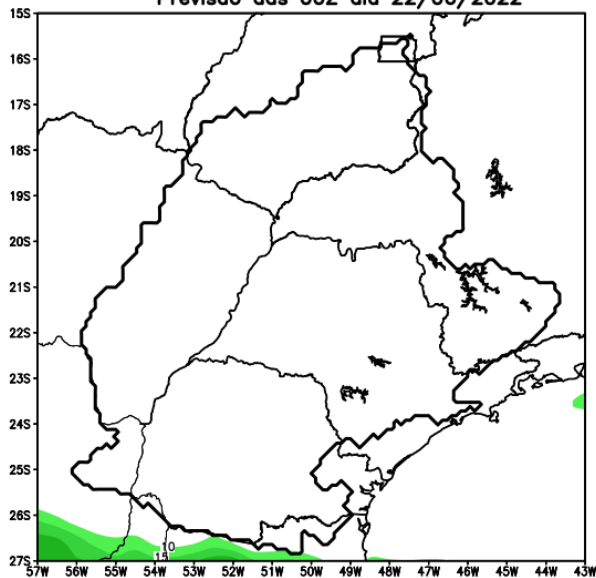
Anomalia de Precipitação BR_SUL (mm)
Período: 2022062200 a 2022062900



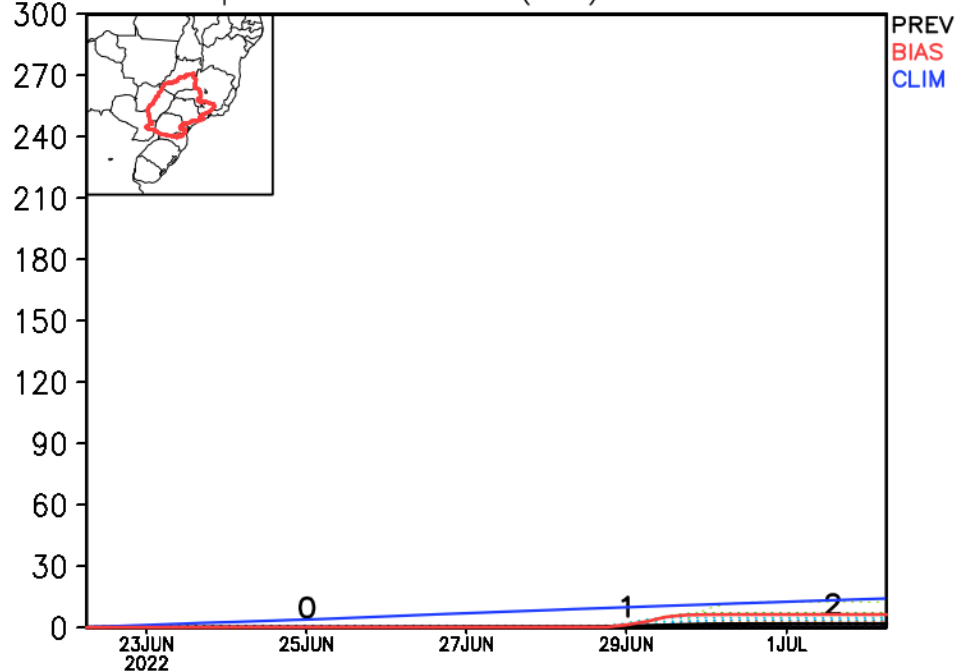
MODELO GEFS

Previsão para as principais bacias

GEFS_BC / Bacia do Parana
Prec. acumulada com correcao de vies em 7 dias (mm)
Previsao das 00Z dia 22/06/2022

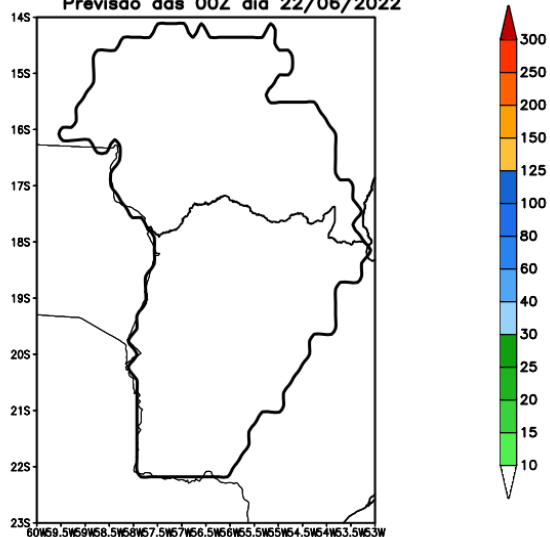


Precipitacao acumulada (mm): Bacia Parana

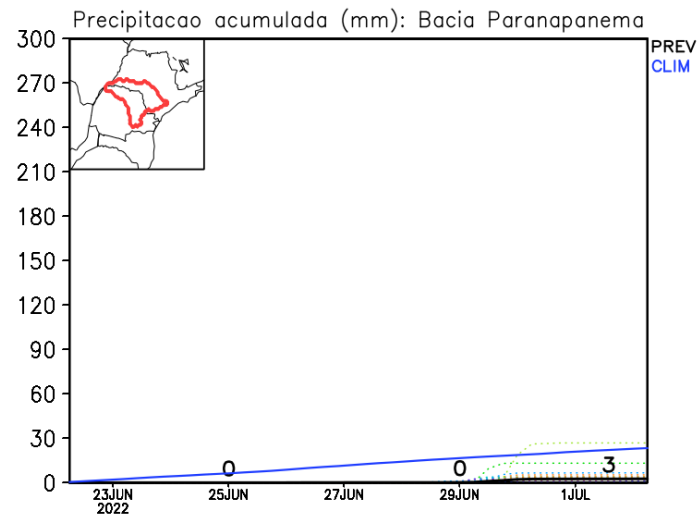
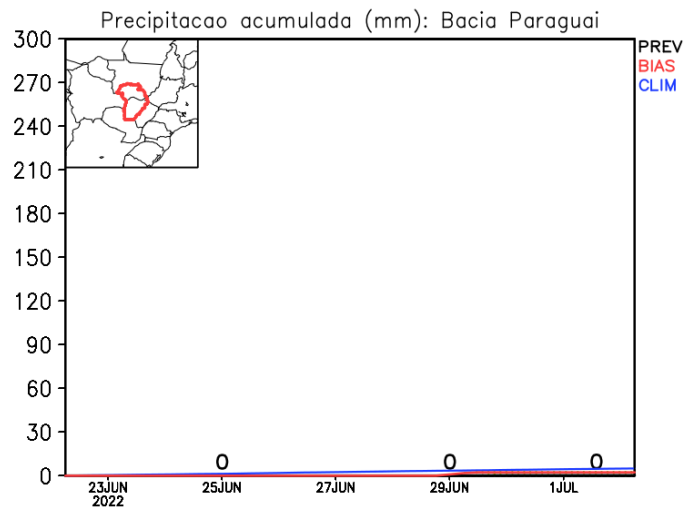
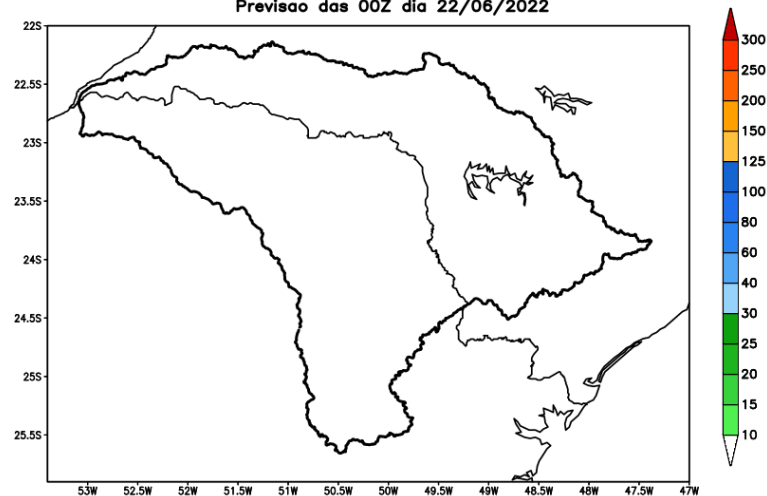


Previsão para as principais bacias

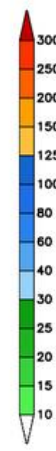
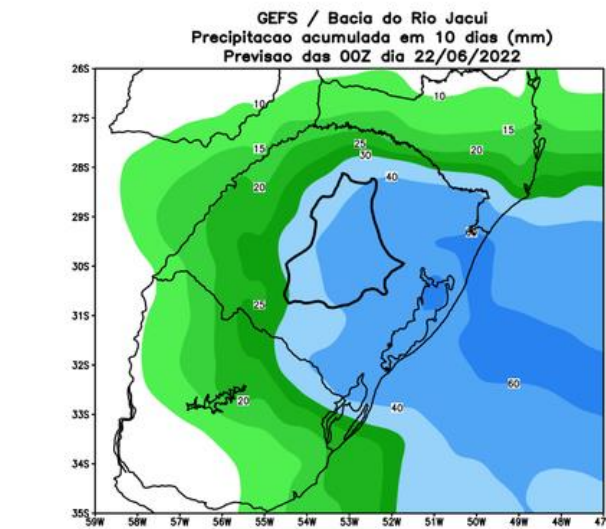
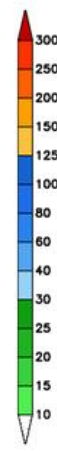
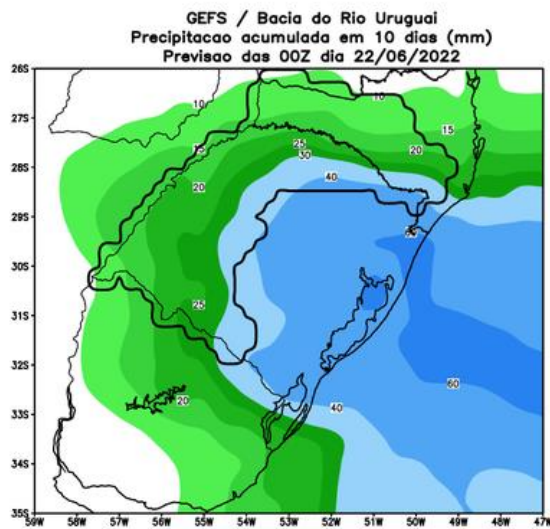
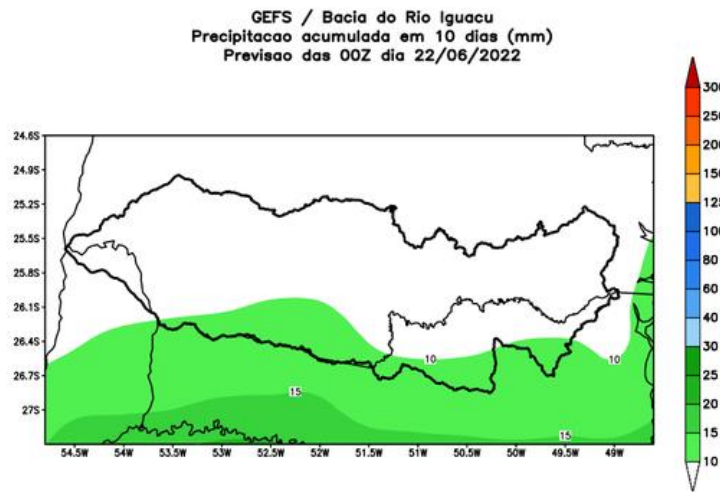
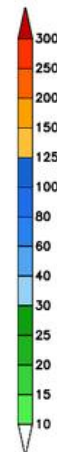
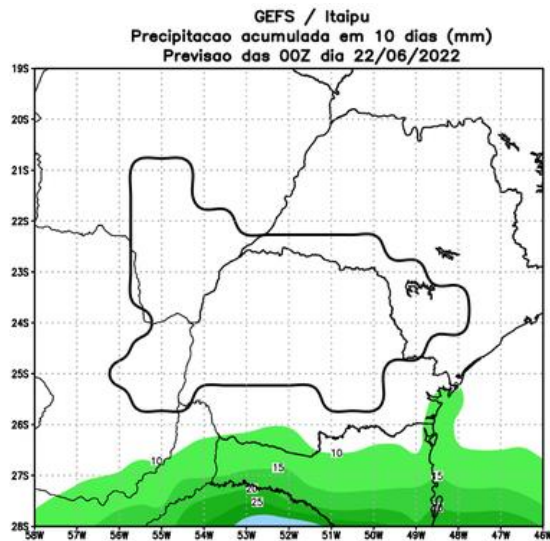
GEFS_BC / Bacia do Rio Paraguai
Prec. acumulada com correcao de vies em 7 dias (mm)
Previsao das 00Z dia 22/06/2022



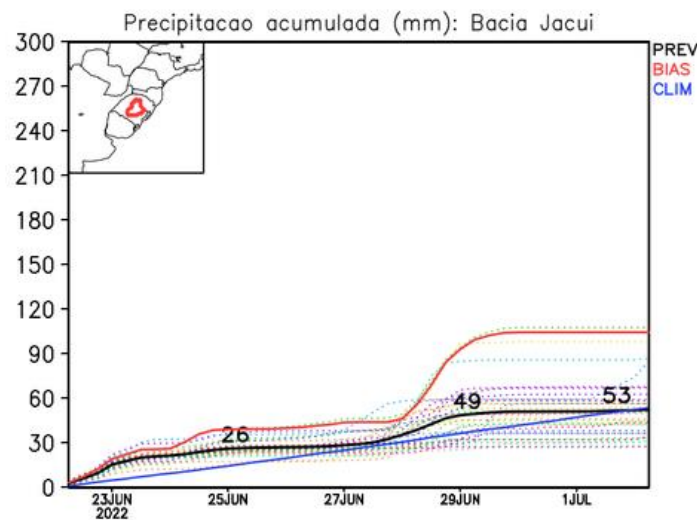
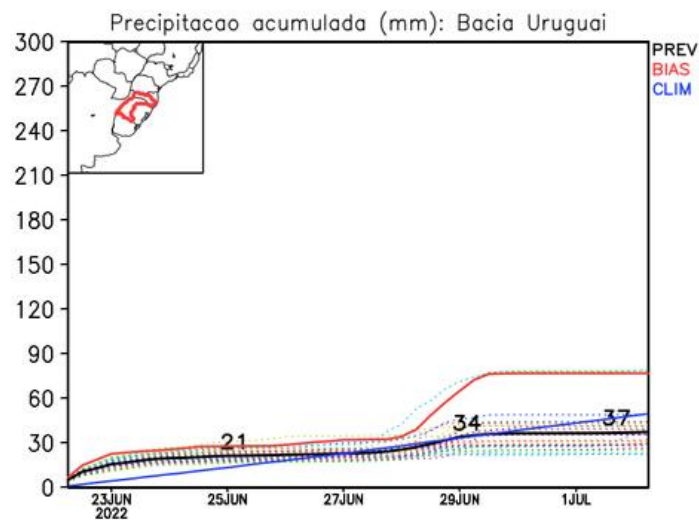
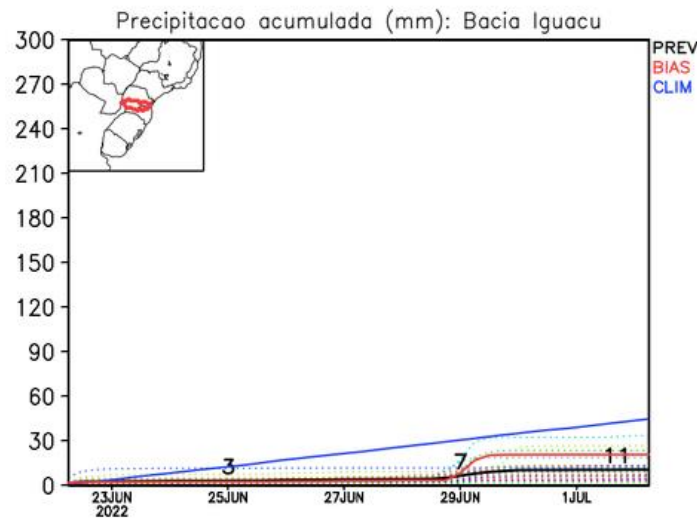
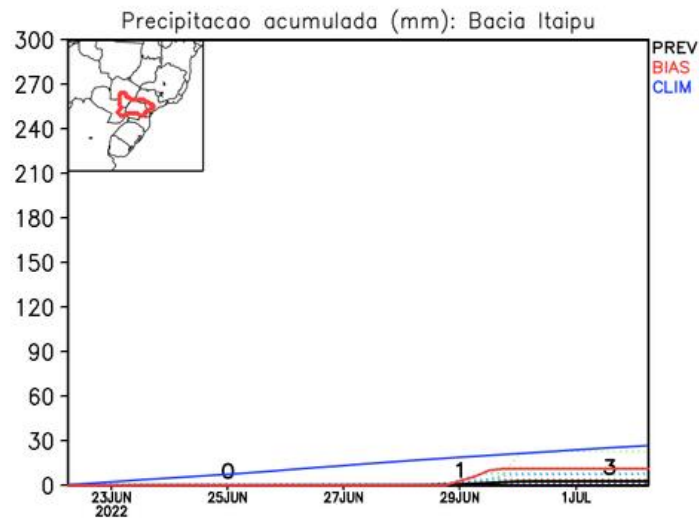
GEFS_BC / Bacia do Rio Paranapanema
Prec. acumulada com correcao de vies em 7 dias (mm)
Previsao das 00Z dia 22/06/2022



Previsão para as principais bacias

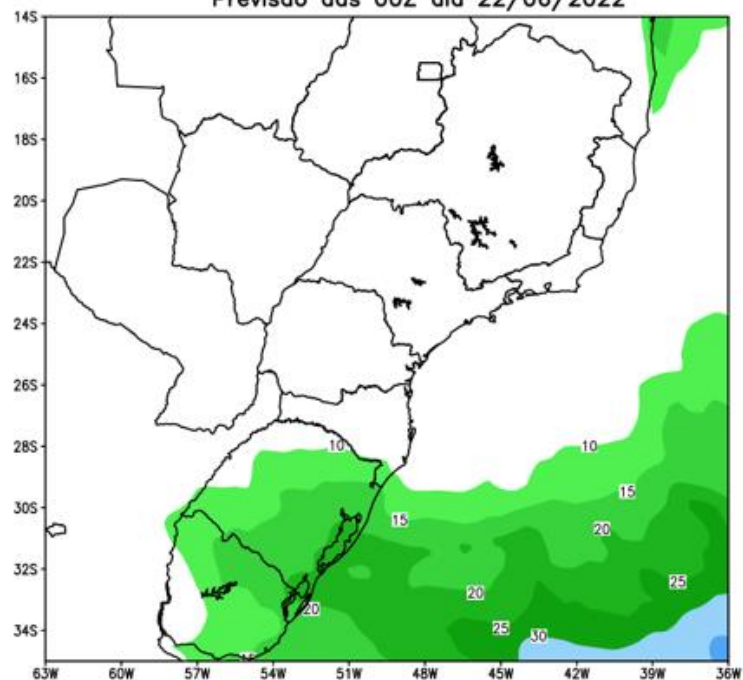


Previsão para as principais bacias

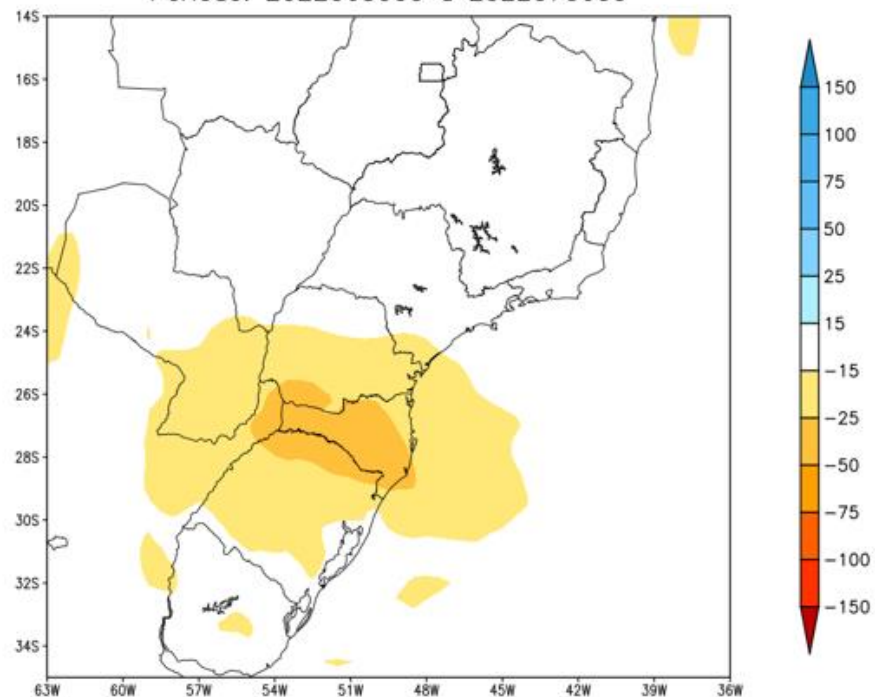


Tendência para a segunda semana

GEFS / BRASIL_SUL
Precipitacao acumulada 2aSem (mm)
Previsao das 00Z dia 22/06/2022



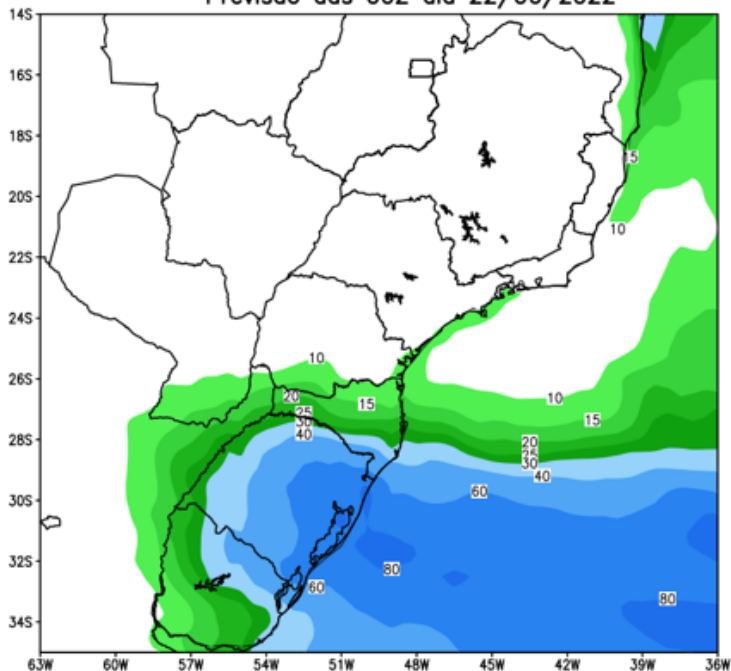
Anomalia de Precipitacao BR SUL (mm)
Periodo: 2022063000 a 2022070600



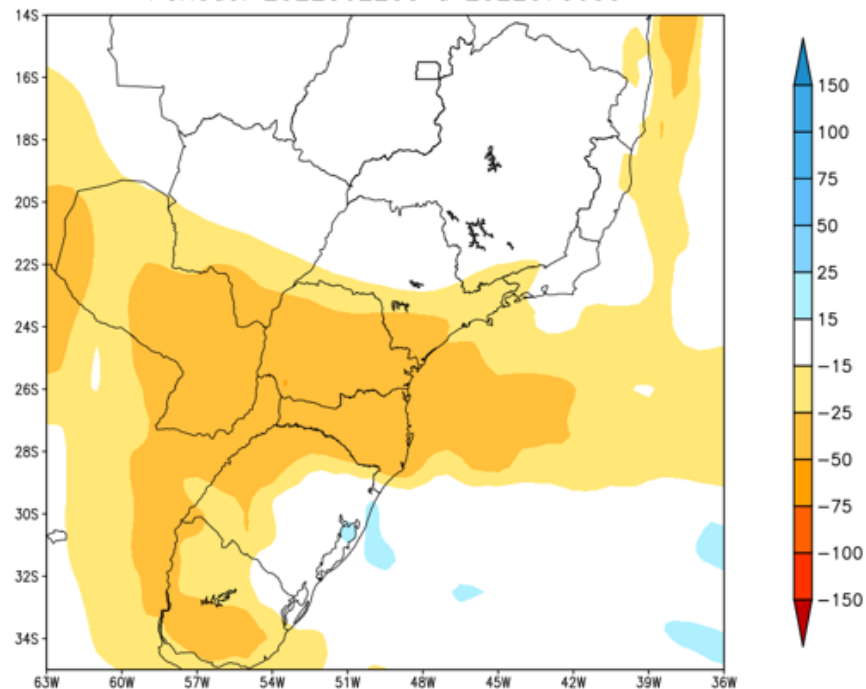
MODELO GEFS

Tendência para as duas próximas semanas

GEFS / BRASIL_SUL
Precipitacao acumulada 14dias (mm)
Previsao das 00Z dia 22/06/2022



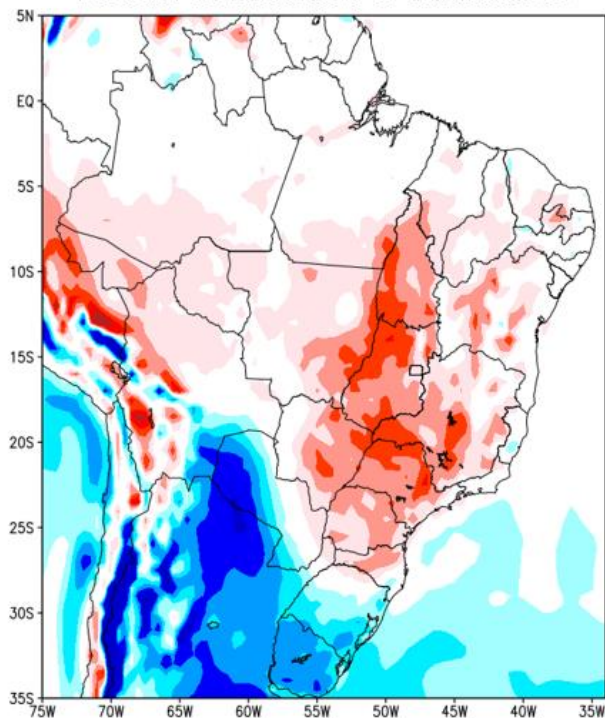
Anomalia de Precipitacao BR SUL (mm)
Periodo: 2022062200 a 2022070600



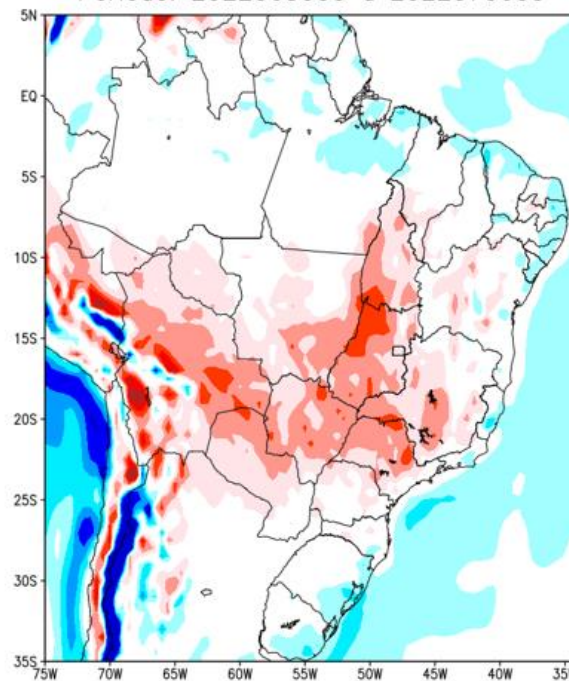
MODELO GFS

Previsão de Temperatura

Anomalia de Temperatura BR (C)
Período: 2022062200 a 2022062900

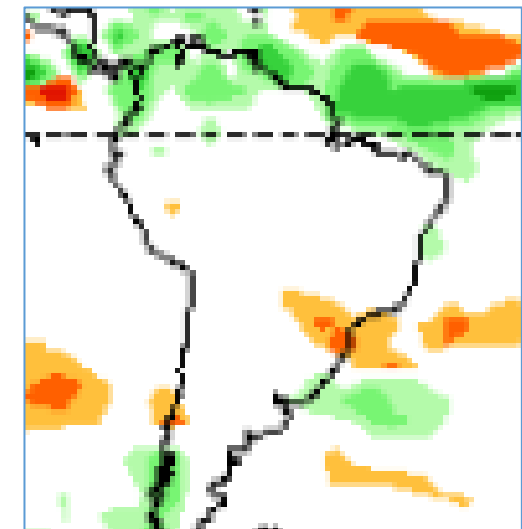
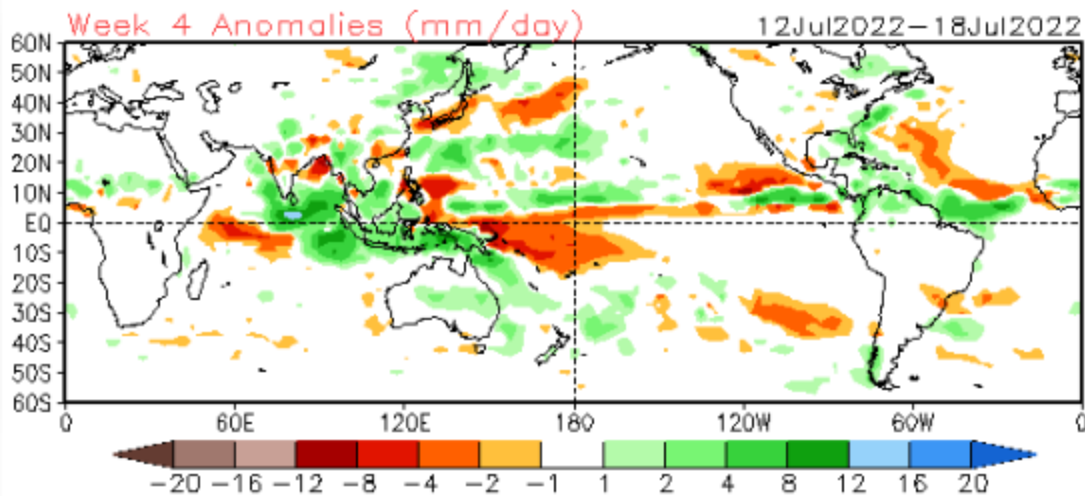
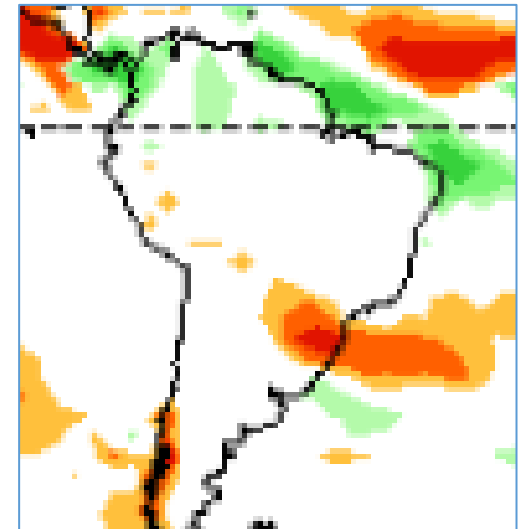
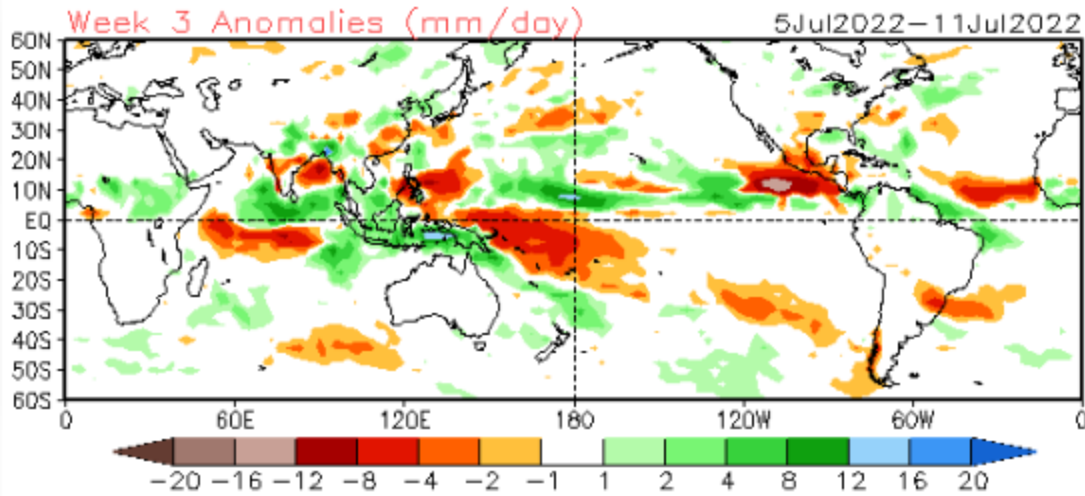


Anomalia de Temperatura BR (C)
Período: 2022063000 a 2022070600



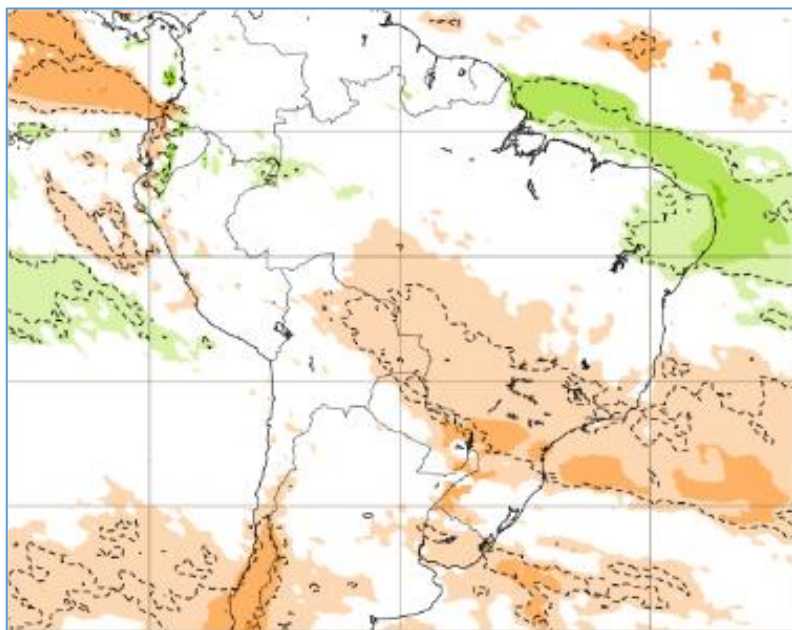
Tendência 3a e 4a semanas

16 Member Ensemble Mean Forecast from 20Jun2022

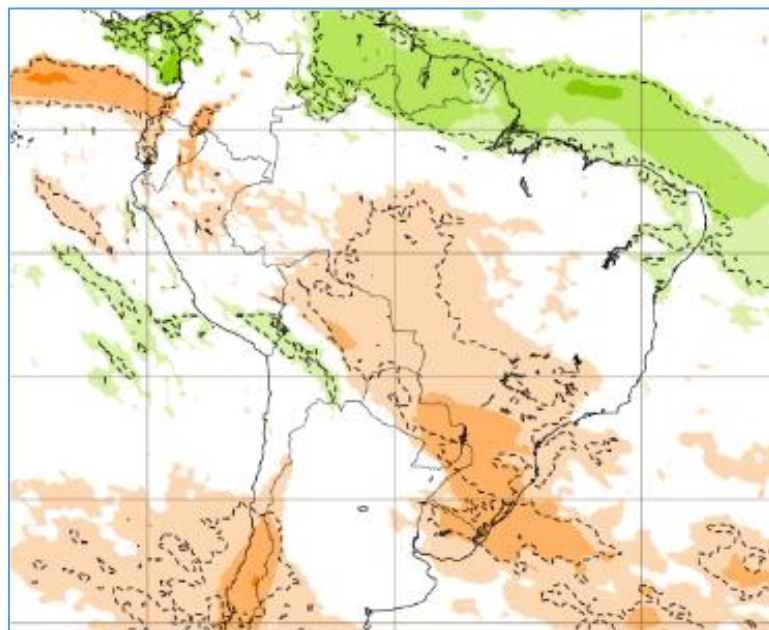


Tendência para 3ª e 4ª semanas

04-10/07

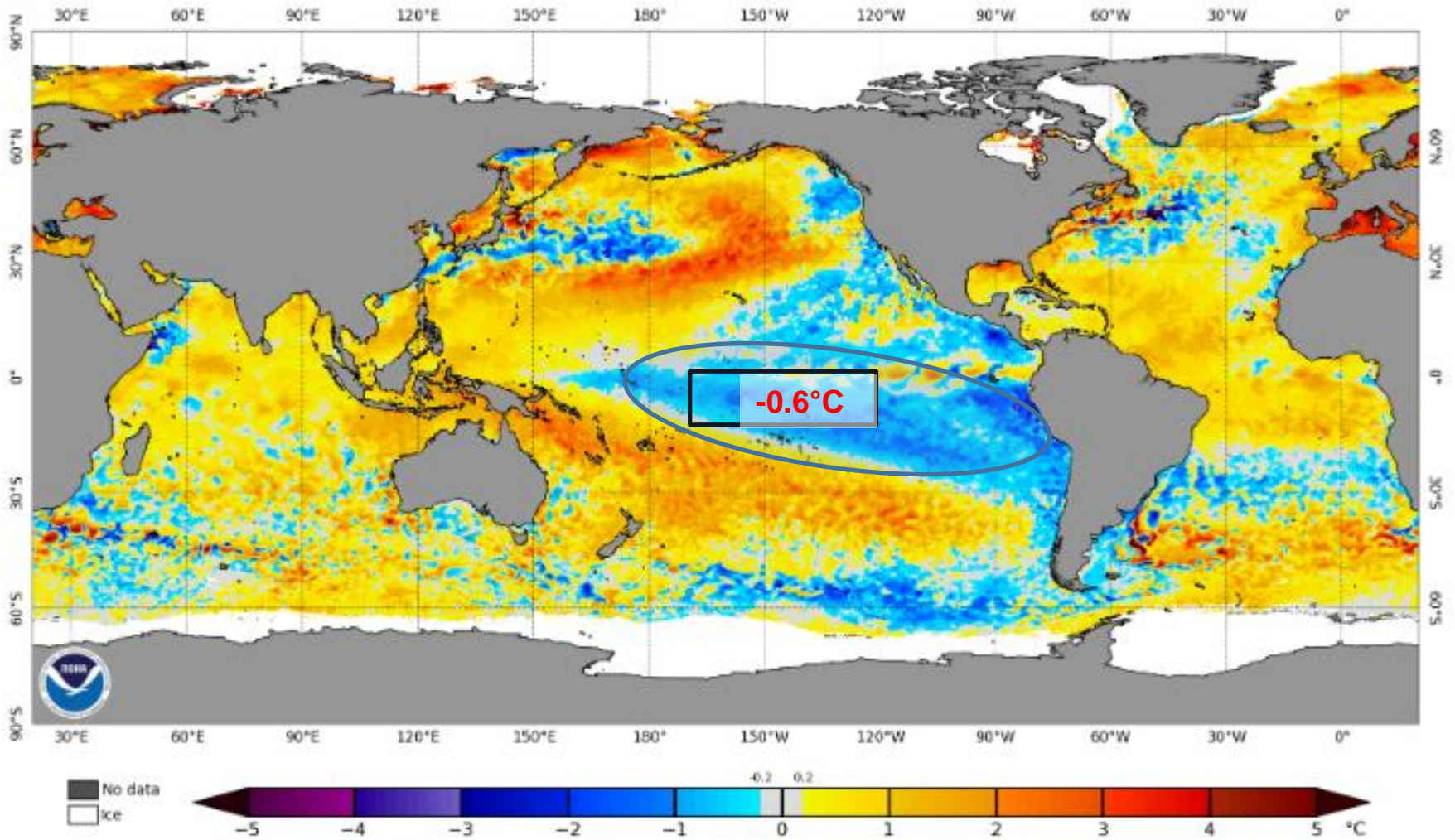


11-17/07



Status Atual: La Niña

NOAA Coral Reef Watch Daily 5km SST Anomalies (v3.1) 19 Jun 2022

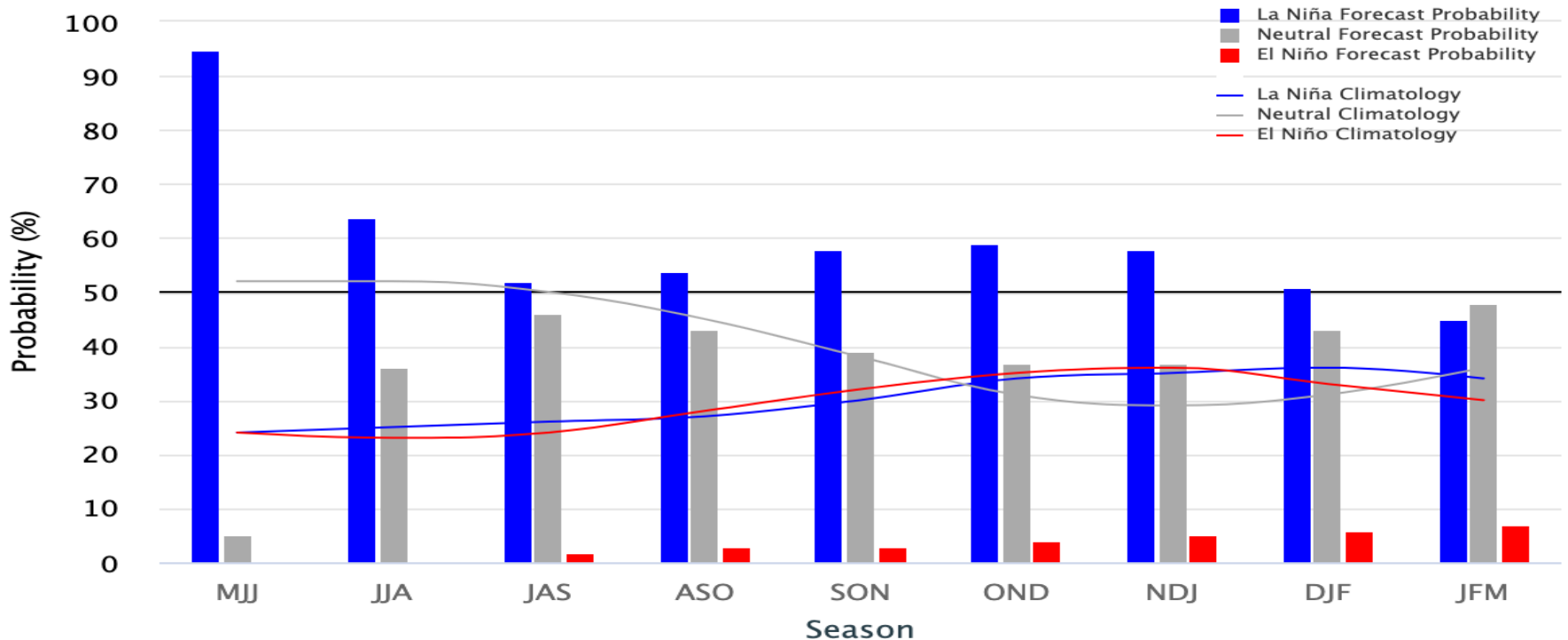


Previsão do “La Niña”

Early-June 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 (JAS)

