

Monitoramento da situação da seca na Região Sul

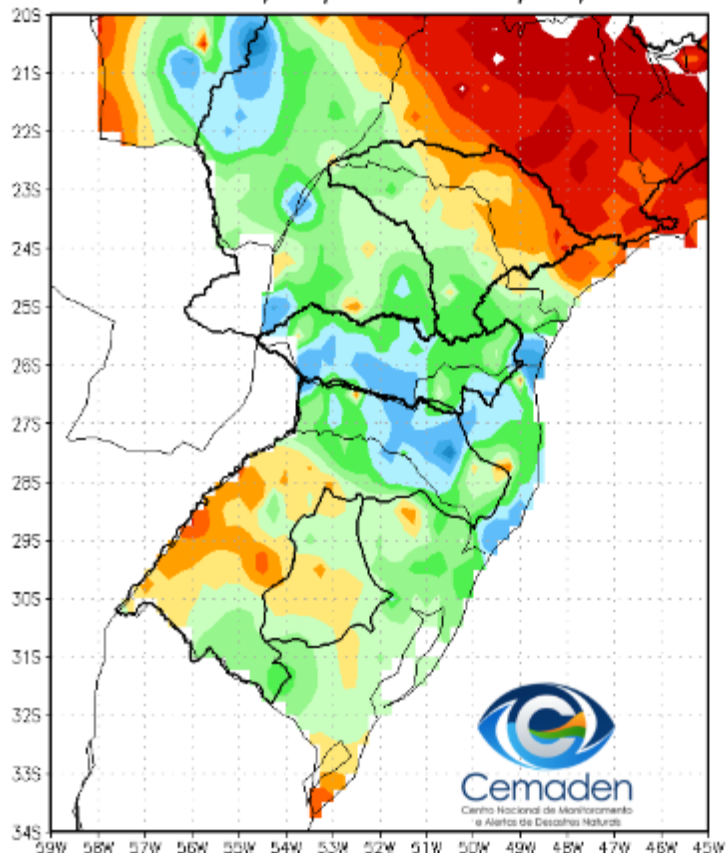


Cemaden
Centro Nacional de Monitoramento
e Alertas de Desastres Naturais

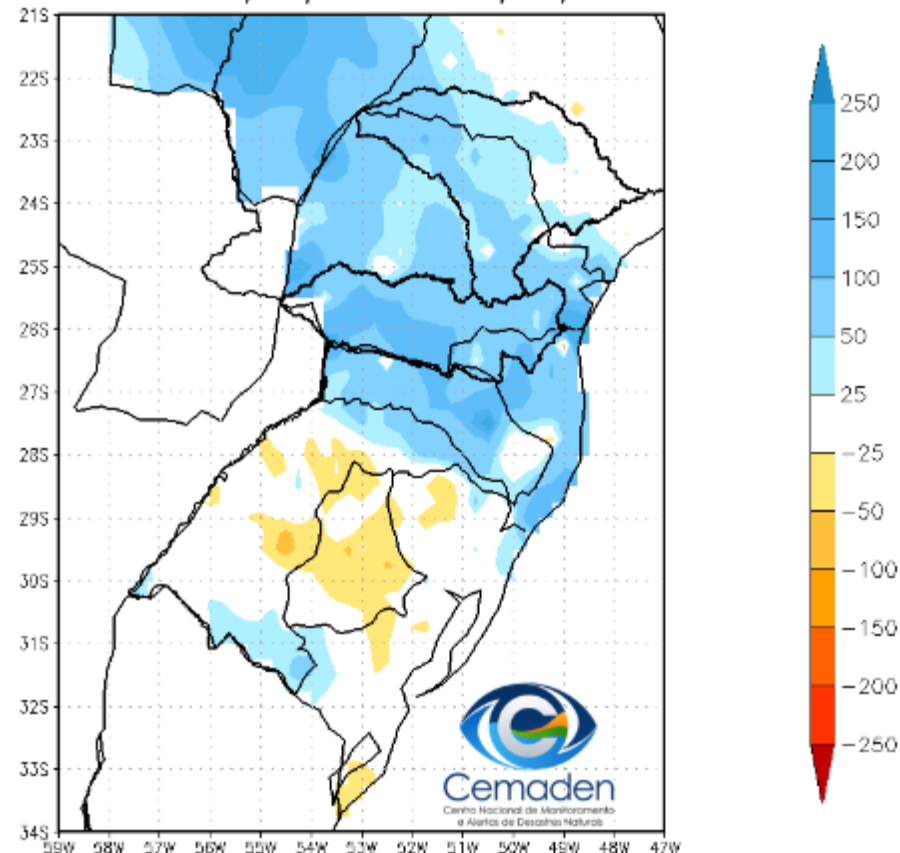
24 de Agosto de 2022

Precipitação nos últimos 30 dias

Precipitação Acumulada (mm) A.S.
Período: 24/07/2022 a 23/08/2022

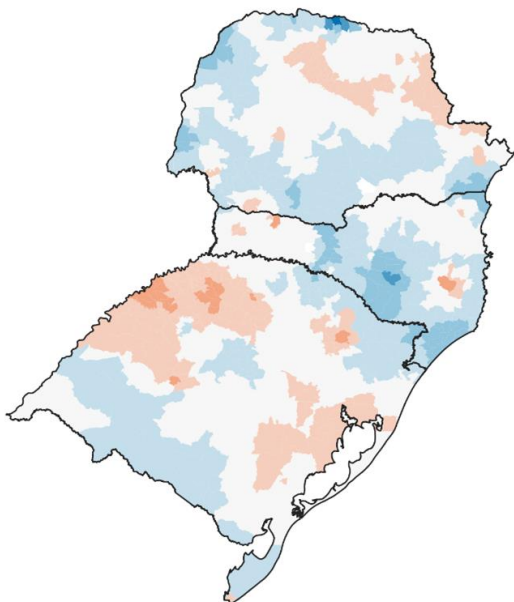


Anomalia de Precipitação (mm) A.S.
Período: 24/07/2022 a 23/08/2022

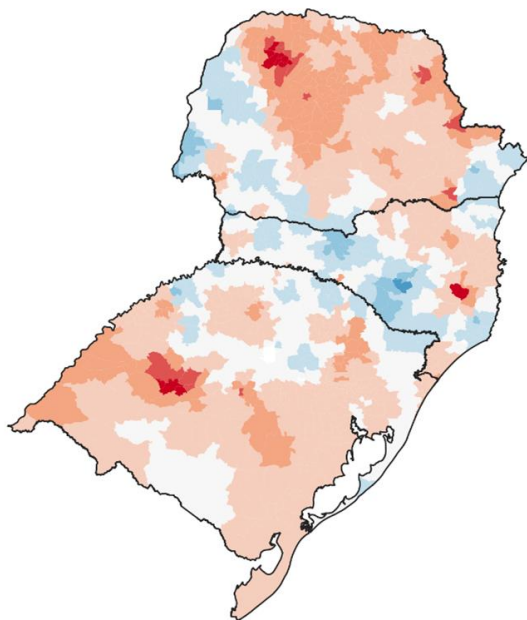


SPI: Agosto de 2022

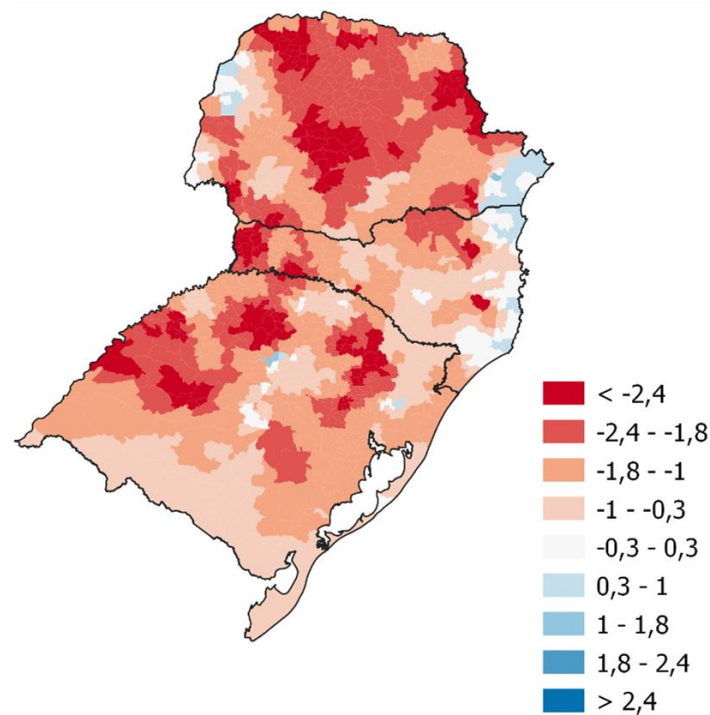
SPI03



SPI12

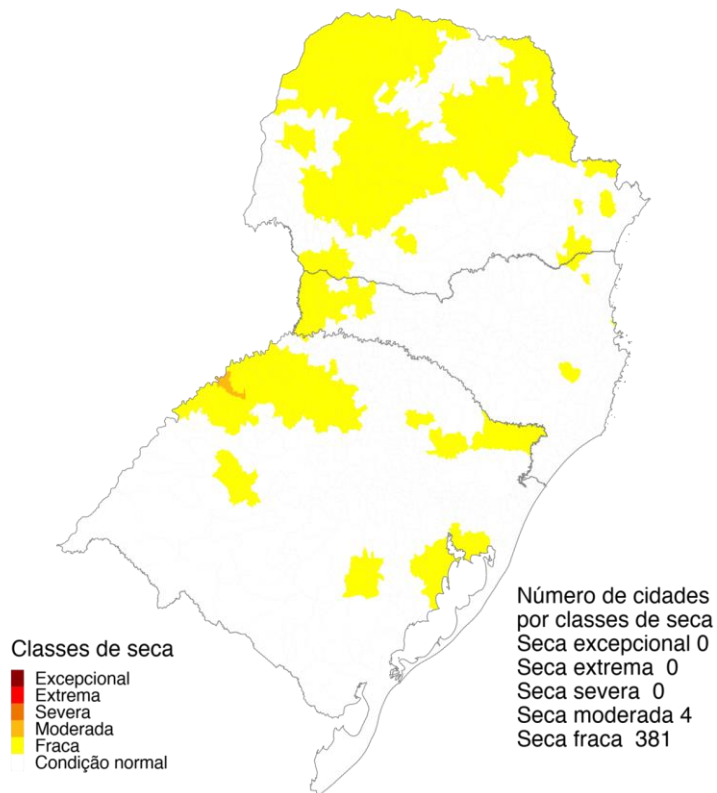


SPI24



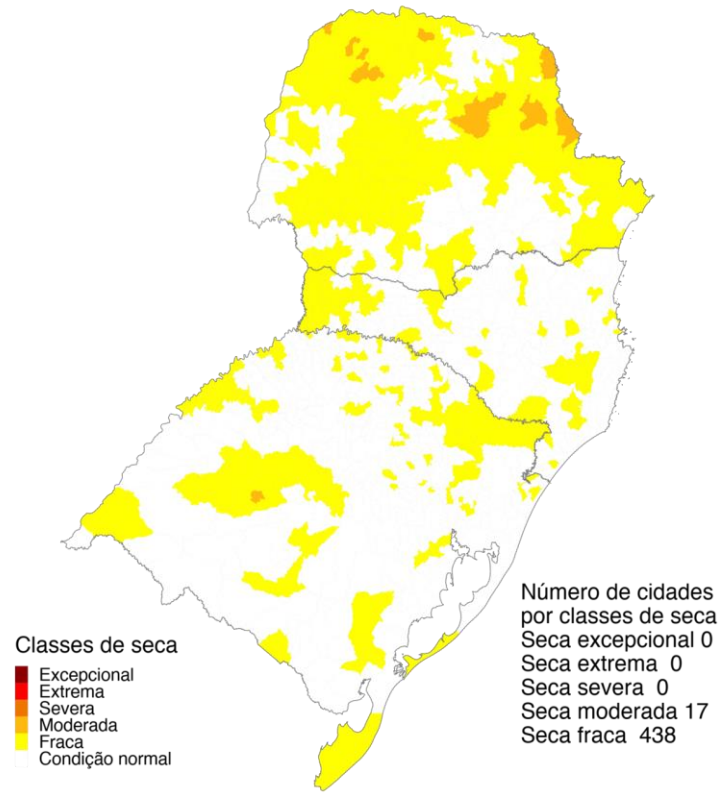
Índice Integrado de Seca – IIS nas escalas de 3 e 6 meses

IIS3



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

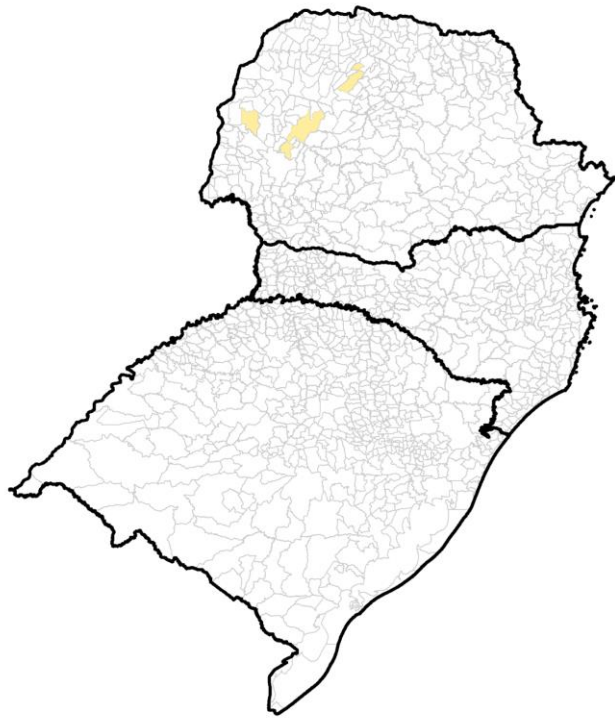
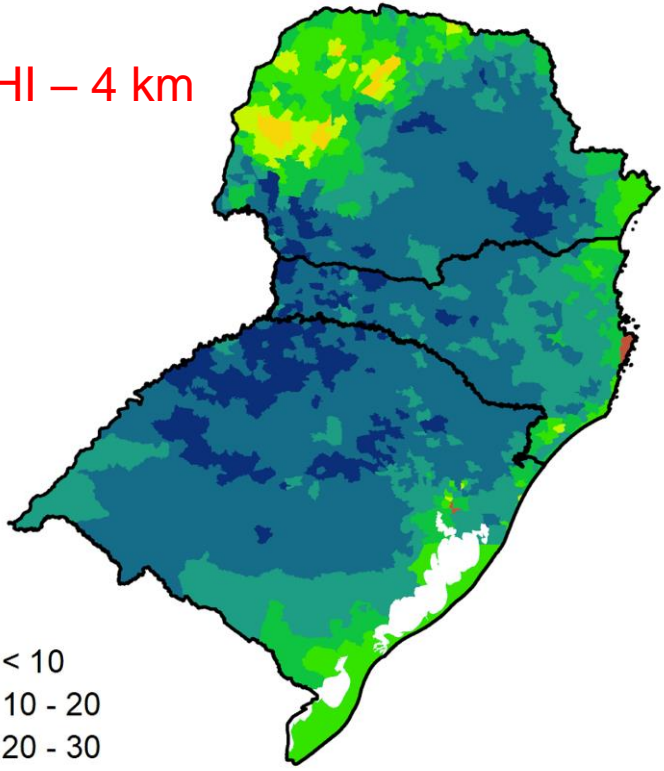
IIS6



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

Áreas Agroprodutivas afetadas pela seca – Região Sul: 19/08

VHI – 4 km



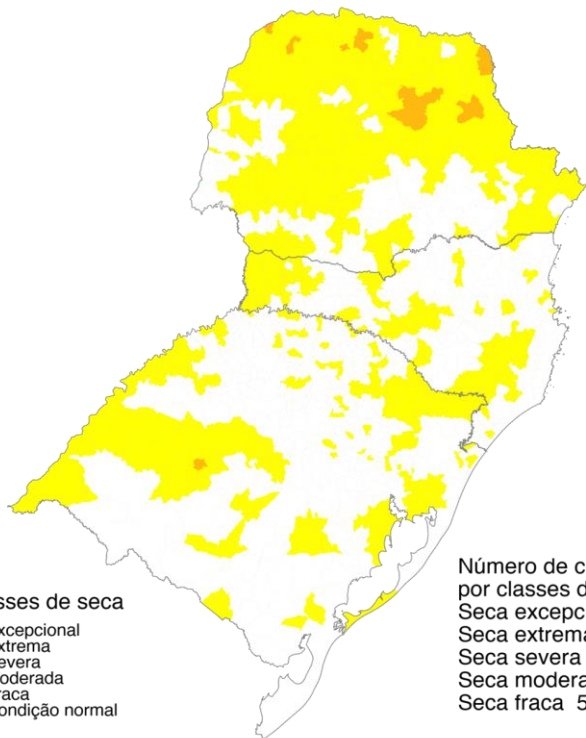
- < 10
- 10 - 20
- 20 - 30
- 30 - 40
- 40 - 50
- 50 - 60
- 60 - 70
- 70 - 80
- 80 - 90
- 90 - 100

UF	40 a 60%		60 - 80%		> 80%	
	15/jul	19/ago	15/jul	19/ago	15/jul	19/ago
Paraná	10	11				
Santa Catarina	7		3		1	
Rio Grande do Sul	2		1			

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

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

Chuva **30% ACIMA** da média

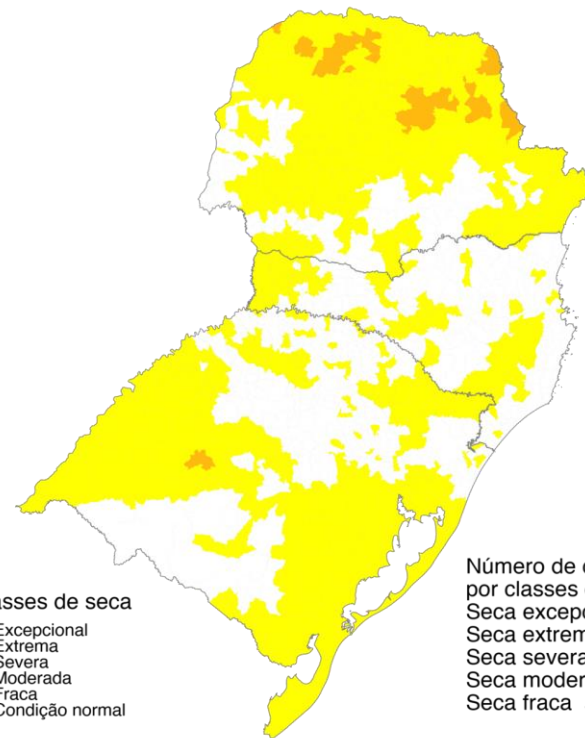


Classes de seca
 Excepcional
 Extrema
 Severa
 Moderada
 Fraca
 Condição normal

Número de cidades por classes de seca
 Seca excepcional 0
 Seca extrema 0
 Seca severa 0
 Seca moderada 14
 Seca fraca 504

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

Chuva **30% ABAIXO** da média

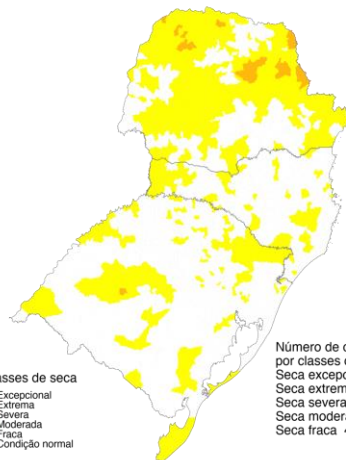


Classes de seca
 Excepcional
 Extrema
 Severa
 Moderada
 Fraca
 Condição normal

Número de cidades por classes de seca
 Seca excepcional 0
 Seca extrema 0
 Seca severa 0
 Seca moderada 40
 Seca fraca 591

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

IIS6 observado (21/08)

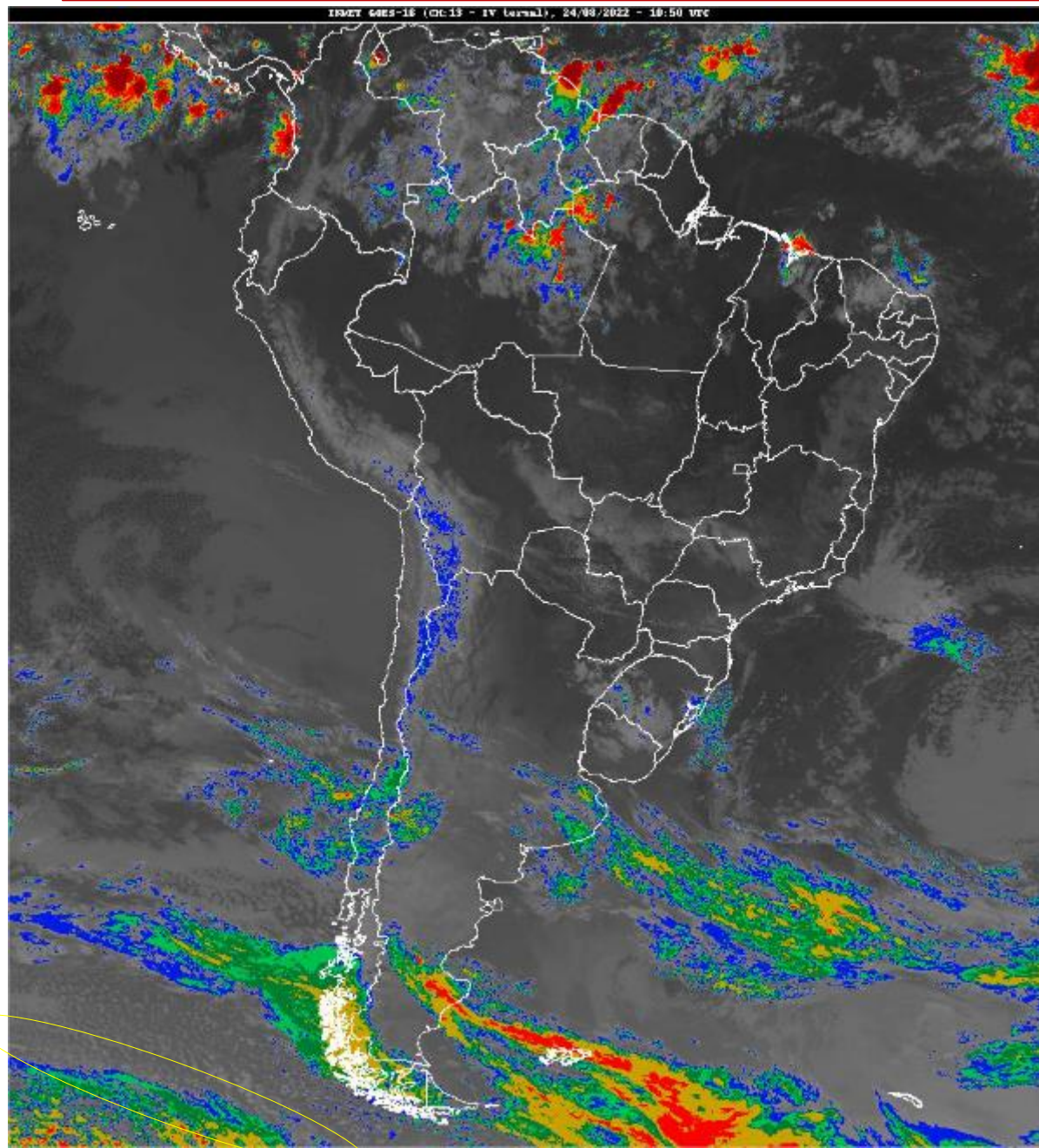


Classes de seca
 Excepcional
 Extrema
 Severa
 Moderada
 Fraca
 Condição normal

Número de cidades por classes de seca
 Seca excepcional 0
 Seca extrema 0
 Seca severa 0
 Seca moderada 17
 Seca fraca 438

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

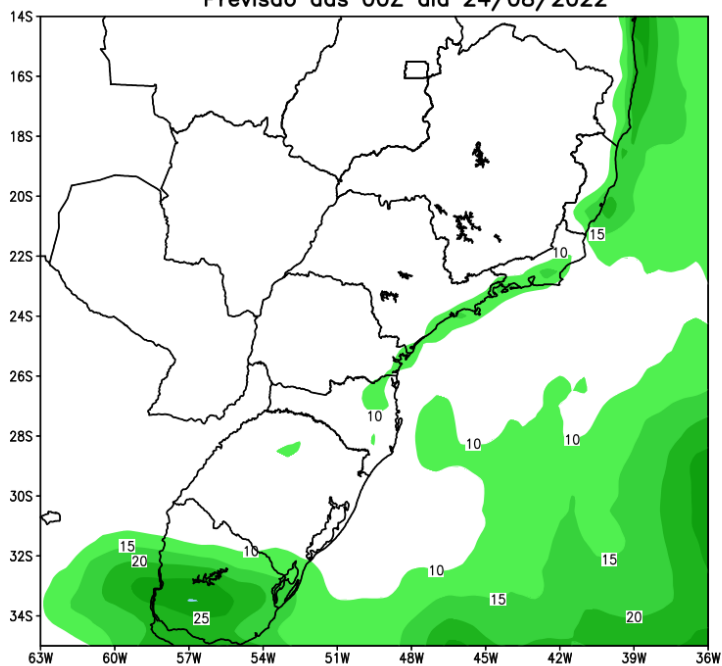
Situação meteorológica atual



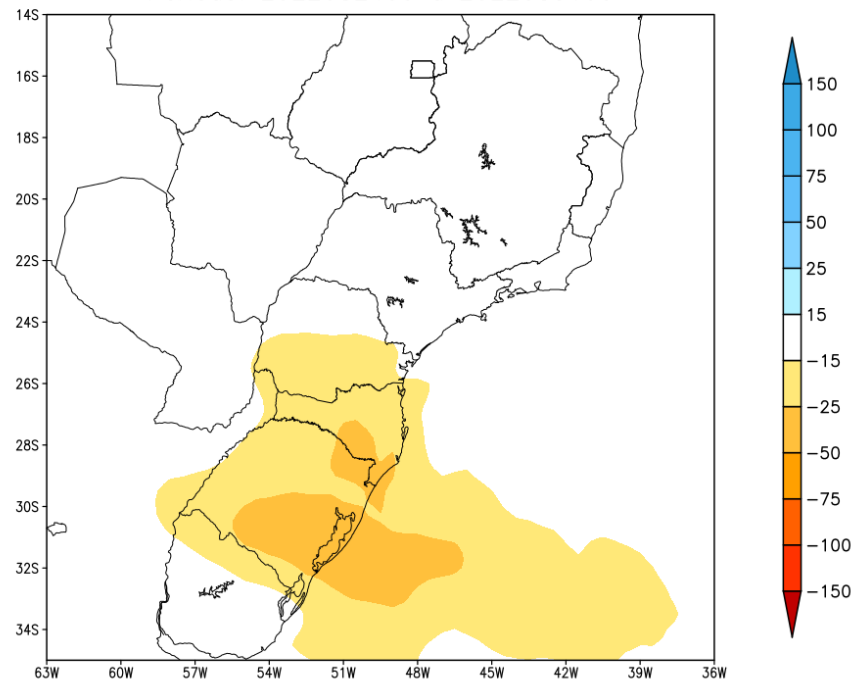
Fonte: INMET

Previsão de chuva próximos 7 dias

GEFS / BRASIL_SUL
Precipitacao acumulada 1aSem (mm)
Previsao das 00Z dia 24/08/2022



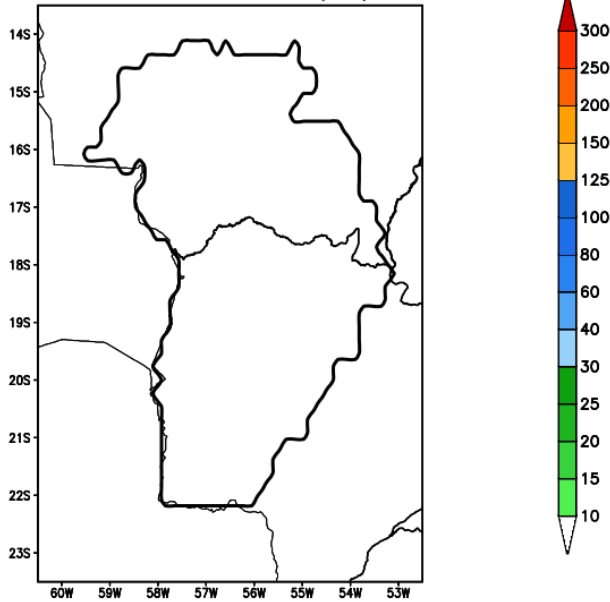
Anomalia de Precipitacao BR_SUL (mm)
Periodo: 2022082400 a 2022083100



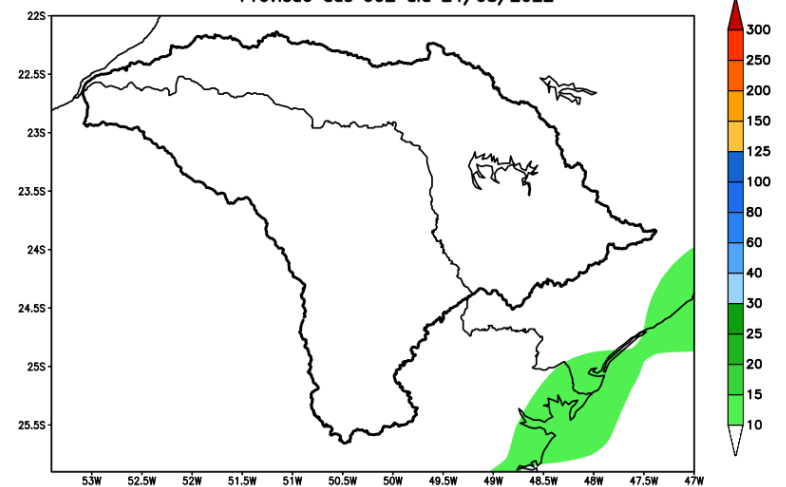
MODELO GFS

Previsão para as principais bacias

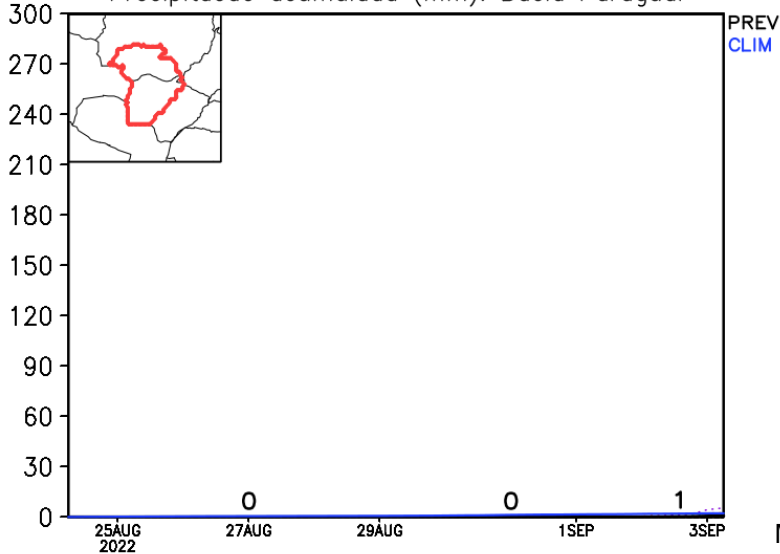
GEFS / Bacia do Rio Paraguai
Precipitação acumulada em 7 dias (mm)
Previsão das 00Z dia 24/08/2022



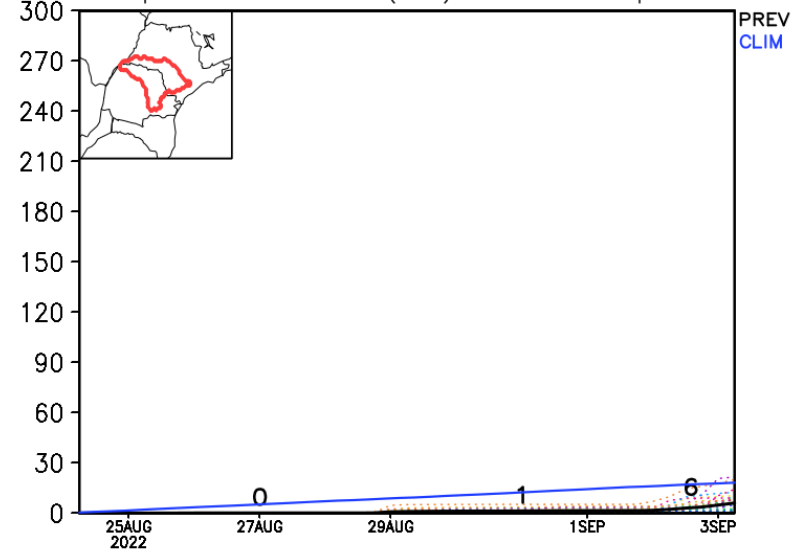
GEFS / Bacia do Rio Paranapanema
Precipitação acumulada em 7 dias (mm)
Previsão das 00Z dia 24/08/2022



Precipitação acumulada (mm): Bacia Paraguai

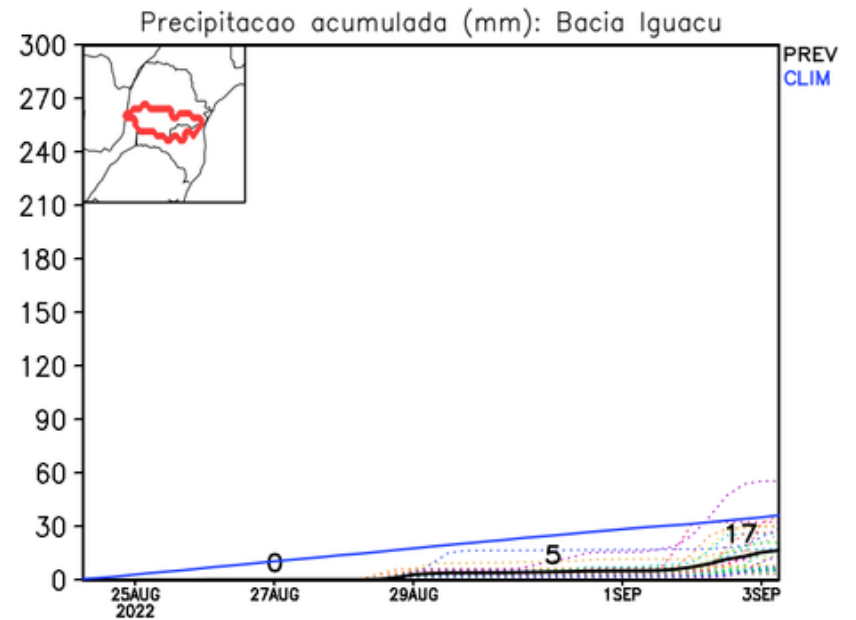
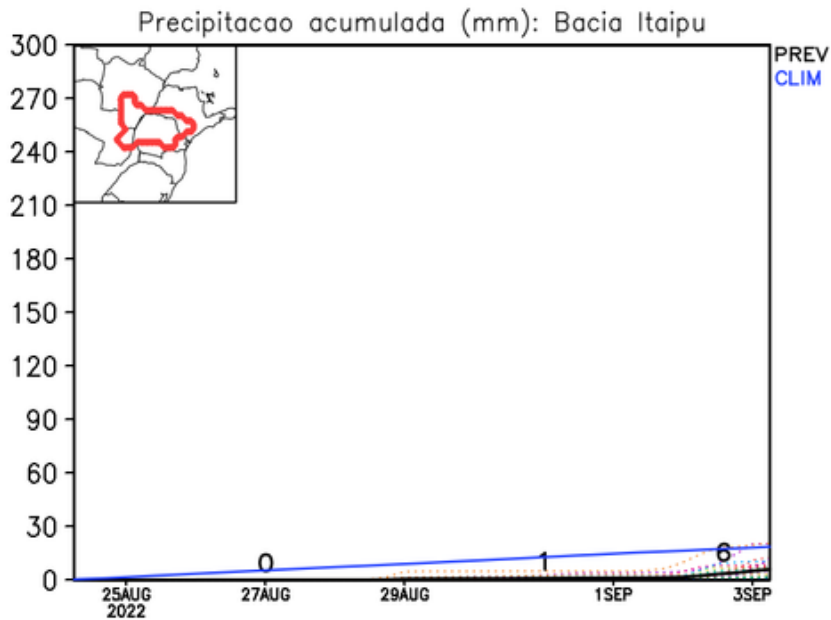
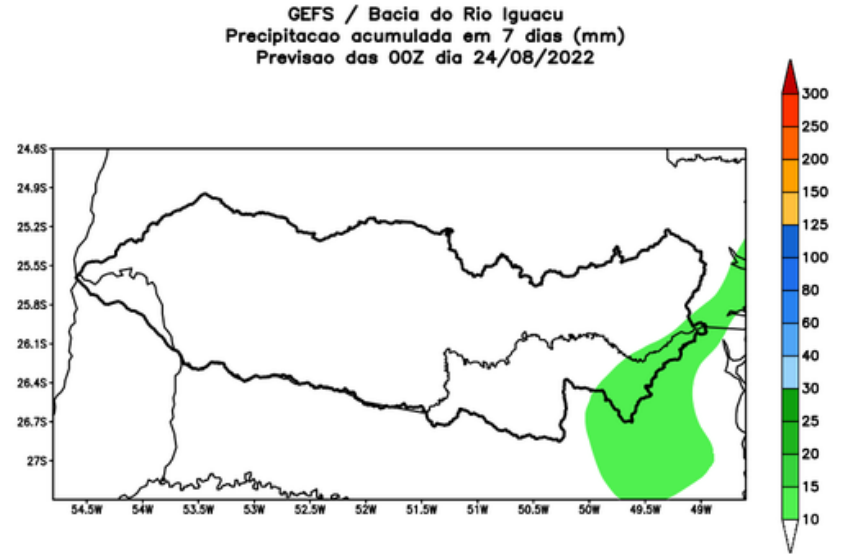
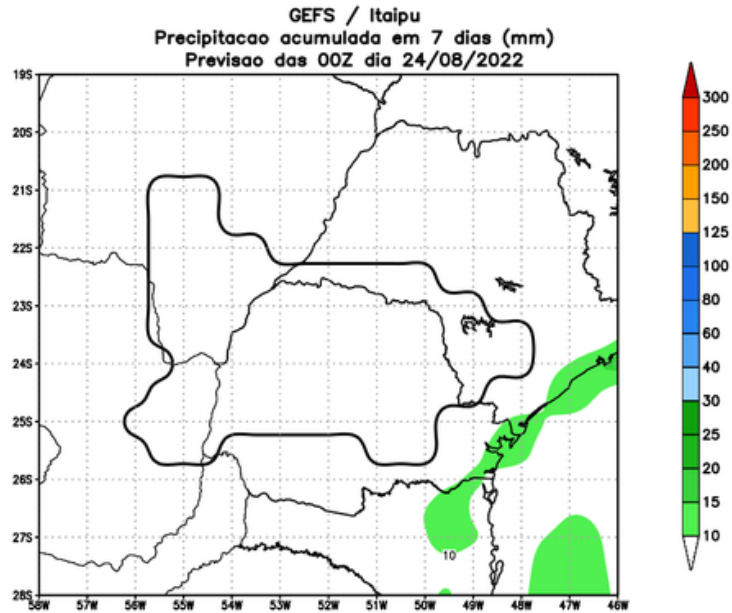


Precipitação acumulada (mm): Bacia Paranapanema

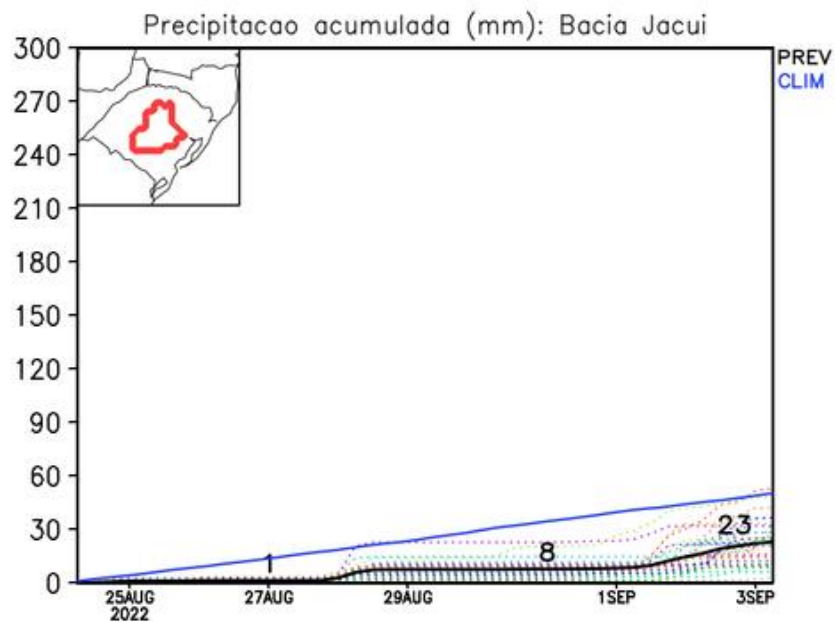
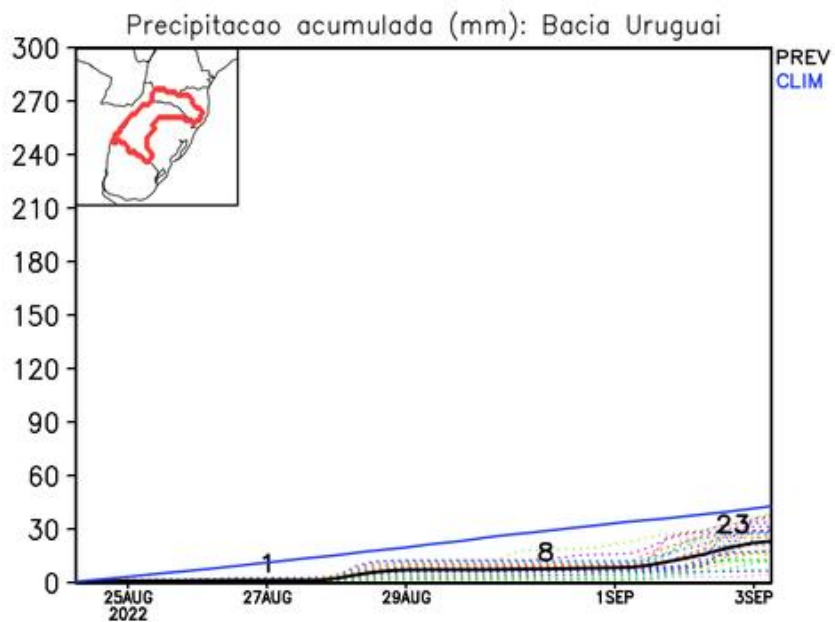
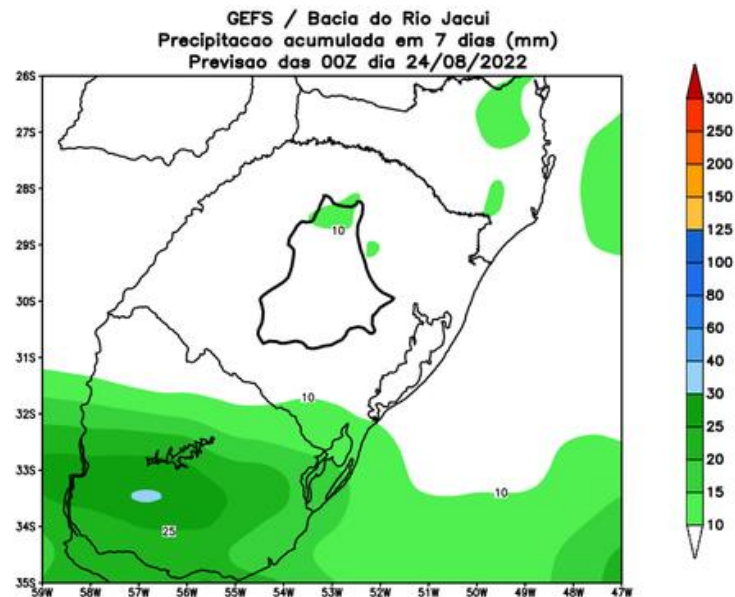
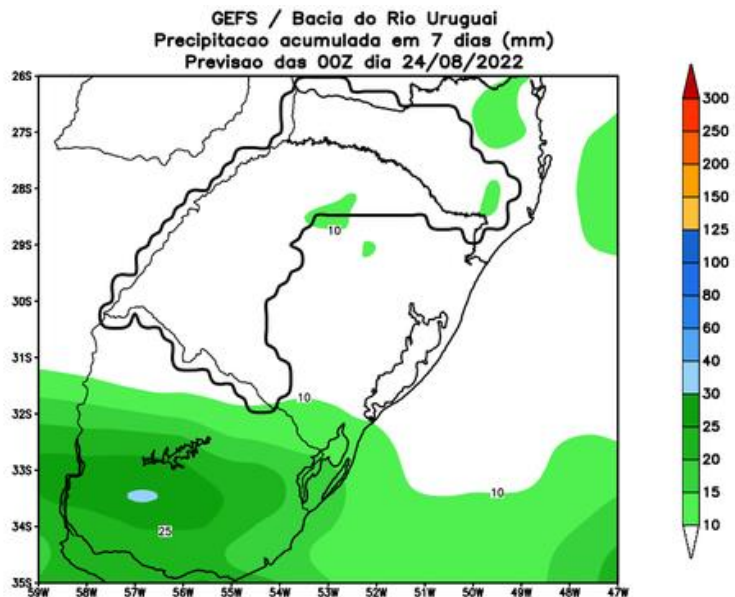


MODELO GFS

Previsão para as principais bacias

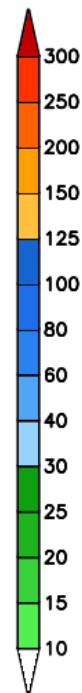
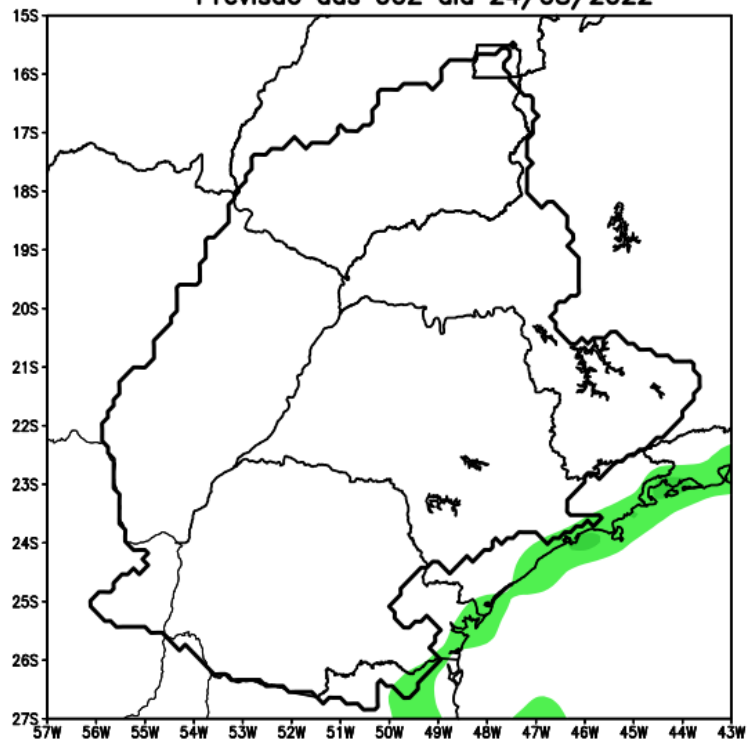


Previsão para as principais bacias

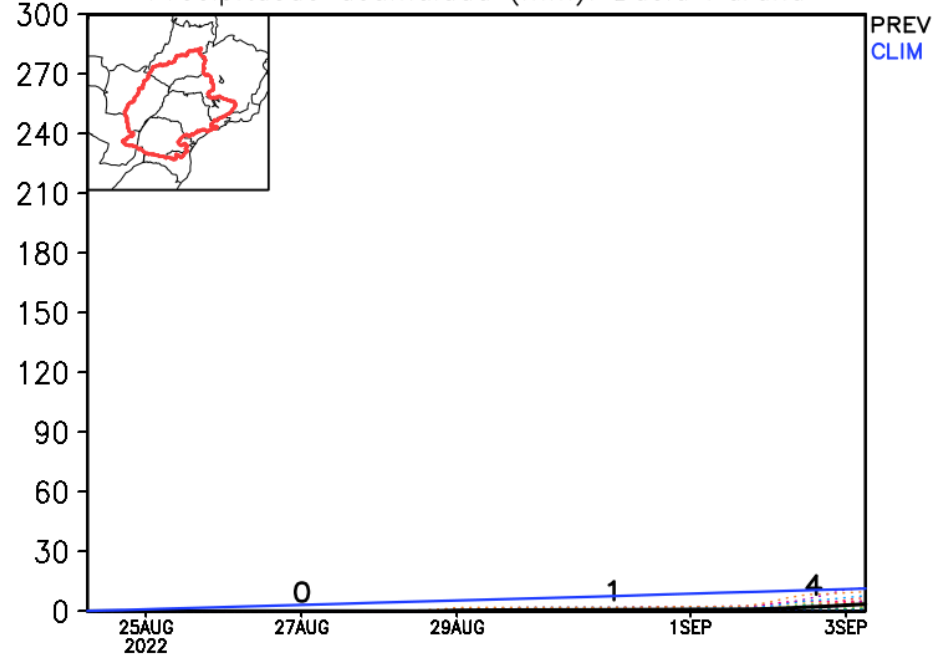


Previsão para as principais bacias

GEFS / Bacia do Parana
Precipitacao acumulada em 7 dias (mm)
Previsao das 00Z dia 24/08/2022

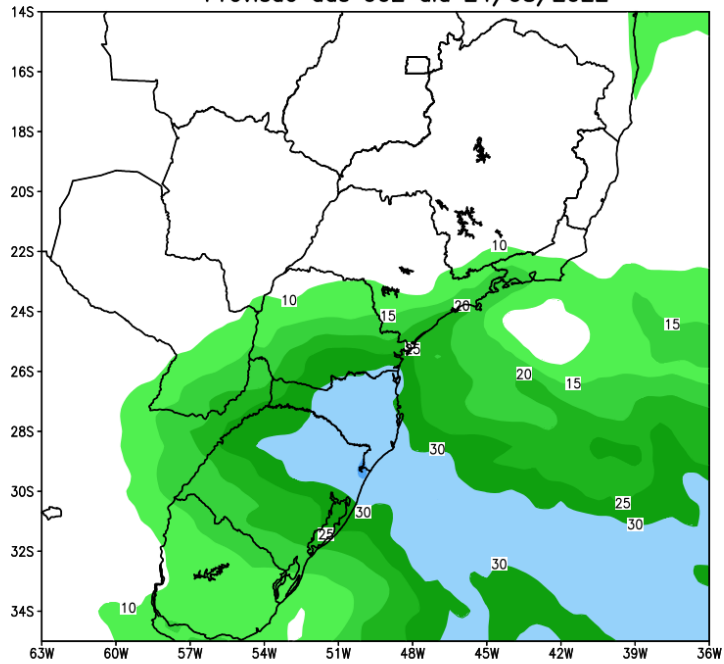


Precipitacao acumulada (mm): Bacia Parana

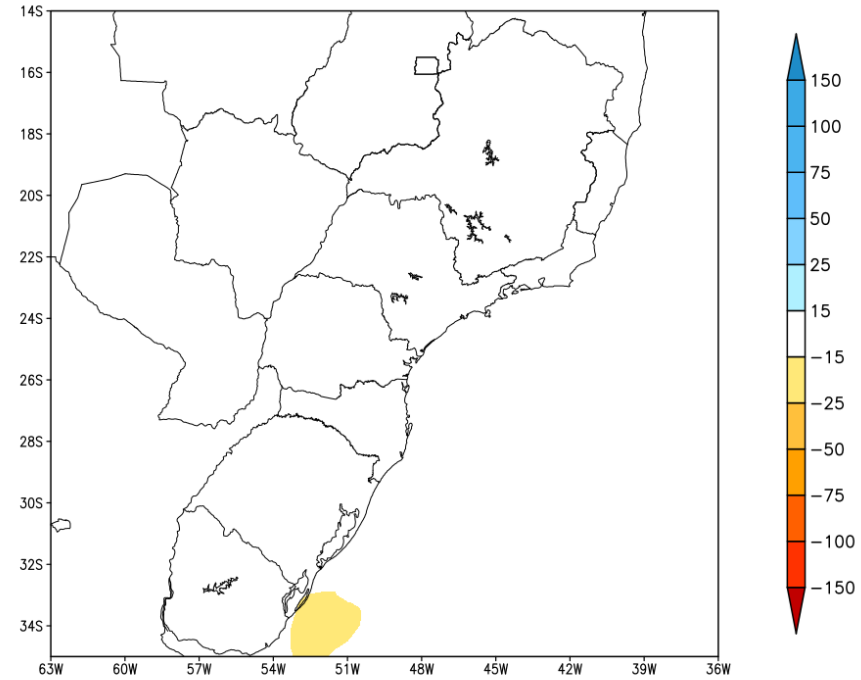


Tendência para a segunda semana

GEFS / BRASIL_SUL
Precipitacao acumulada 2aSem (mm)
Previsao das 00Z dia 24/08/2022



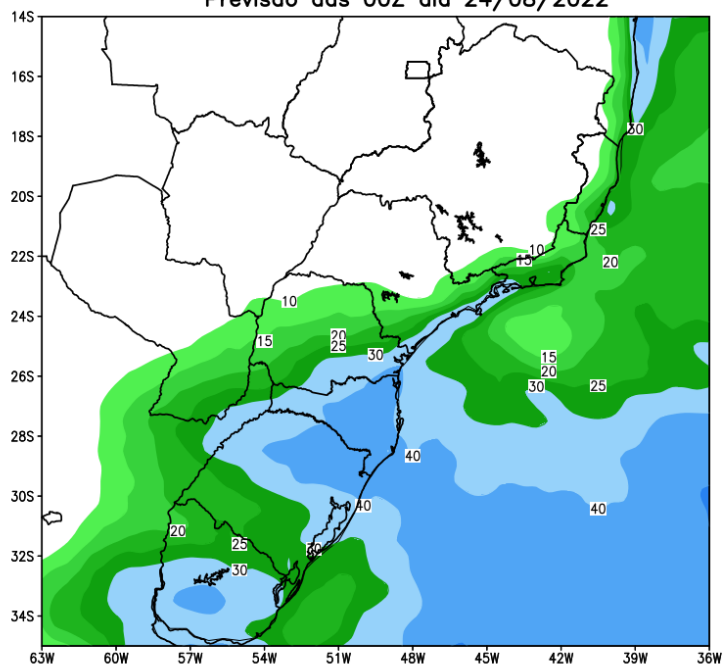
Anomalia de Precipitacao BR_SUL (mm)
Periodo: 2022090100 a 2022090700



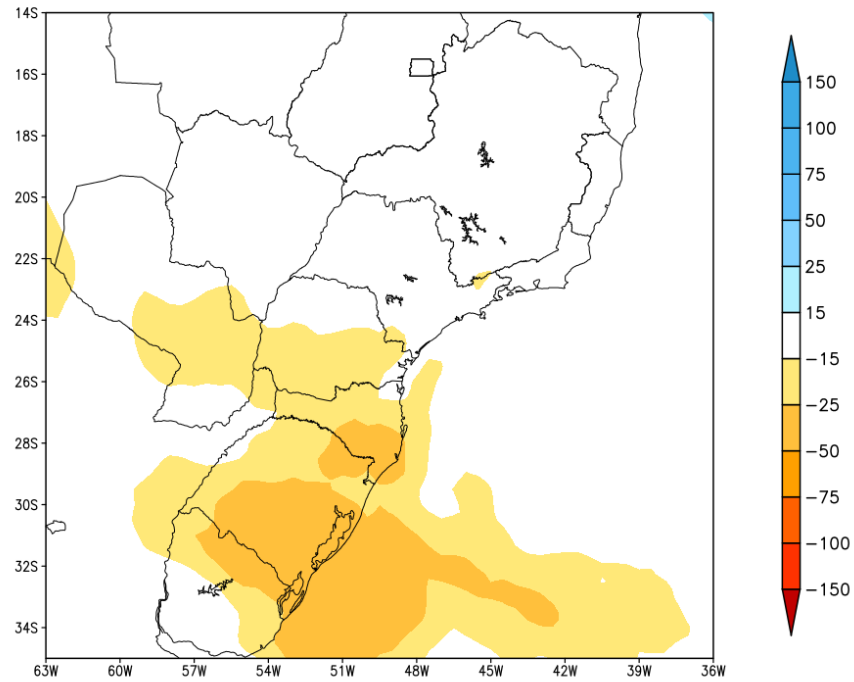
MODELO GFS

Tendência para as duas próximas semanas

GEFS / BRASIL_SUL
Precipitacao acumulada 14dias (mm)
Previsao das 00Z dia 24/08/2022



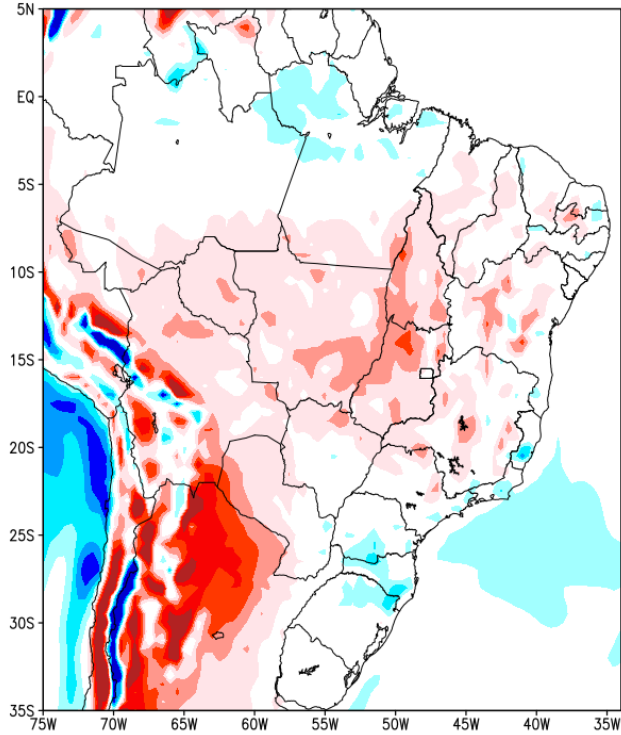
Anomalia de Precipitacao BR_SUL (mm)
Periodo: 2022082400 a 2022090700



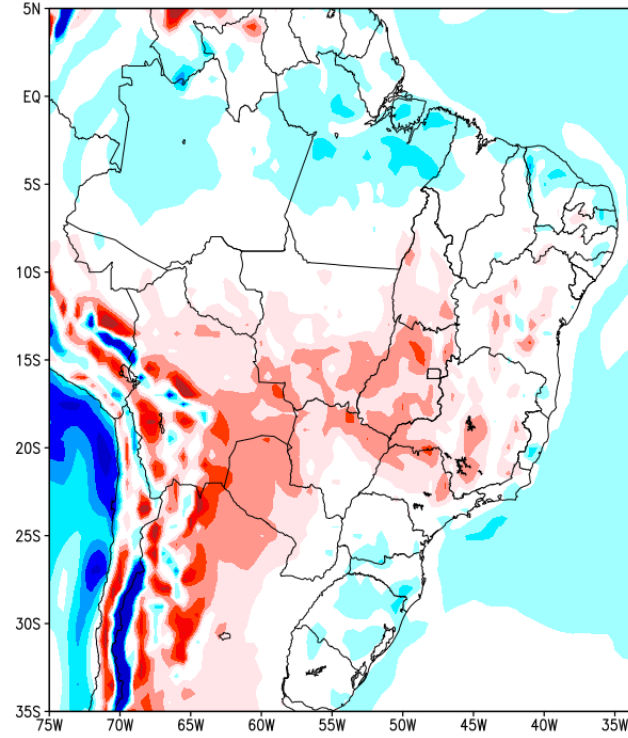
MODELO GFS

Previsão de Temperatura

Anomalia de Temperatura BR (C)
Período: 2022082400 a 2022083100



Anomalia de Temperatura BR (C)
Período: 2022090100 a 2022090700

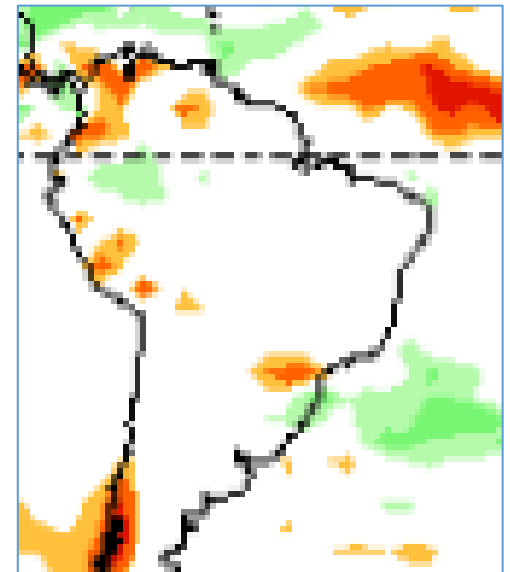
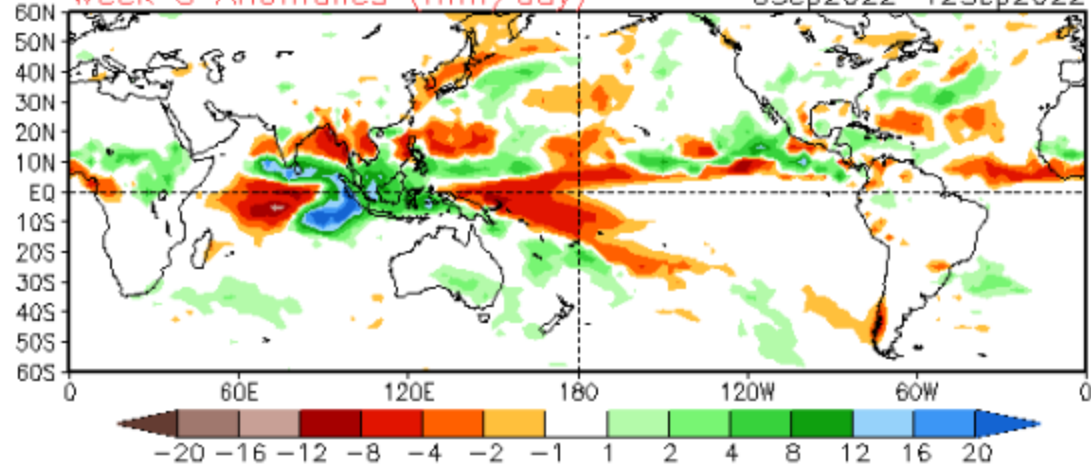


Tendência 3a e 4a semanas

16 Member Ensemble Mean Forecast from 22Aug2022

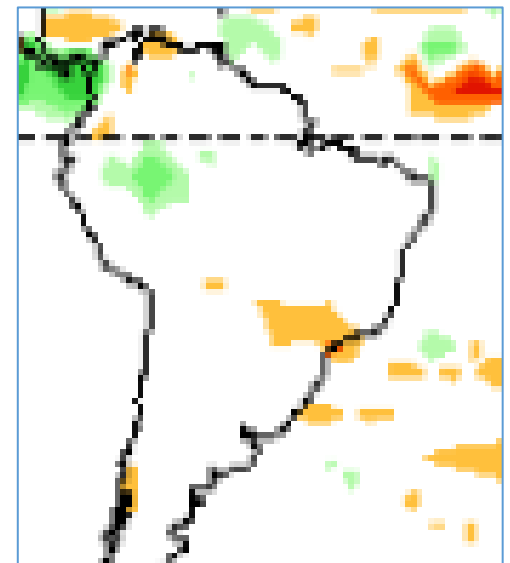
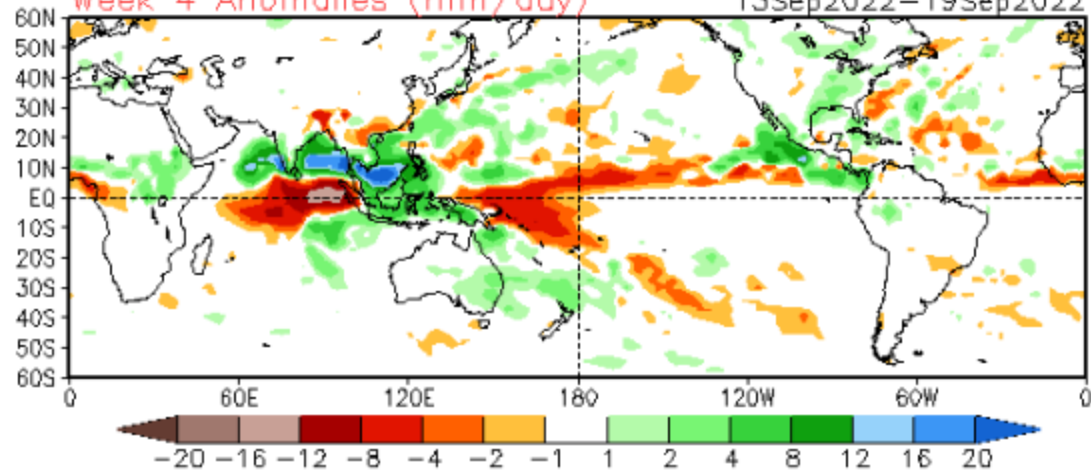
Week 3 Anomalies (mm/day)

6Sep2022-12Sep2022



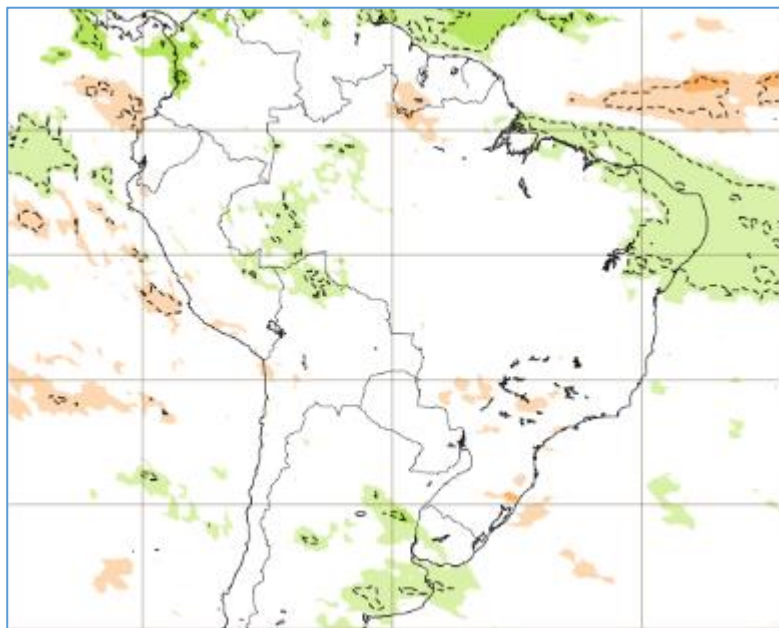
Week 4 Anomalies (mm/day)

13Sep2022-19Sep2022

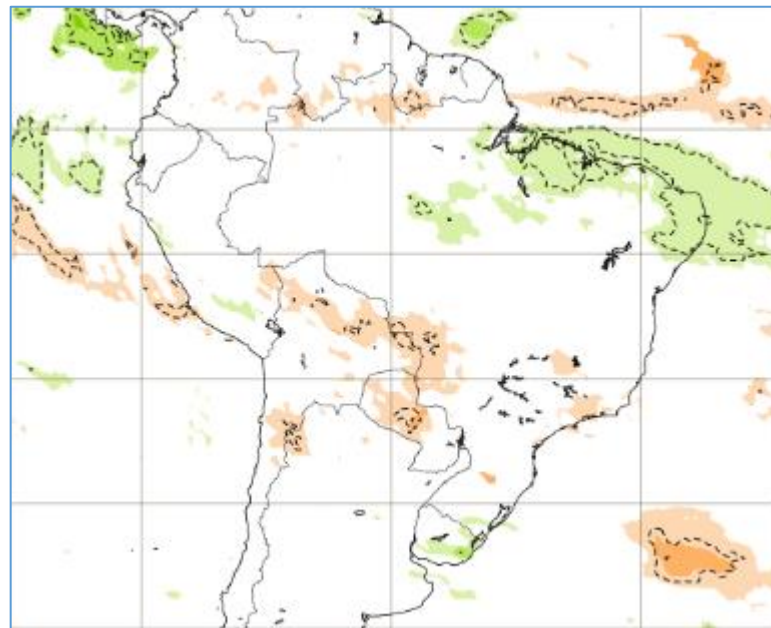


Tendência para 3ª e 4ª semanas

05-12/09

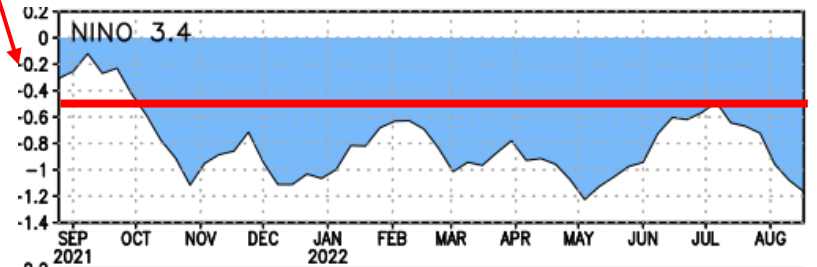
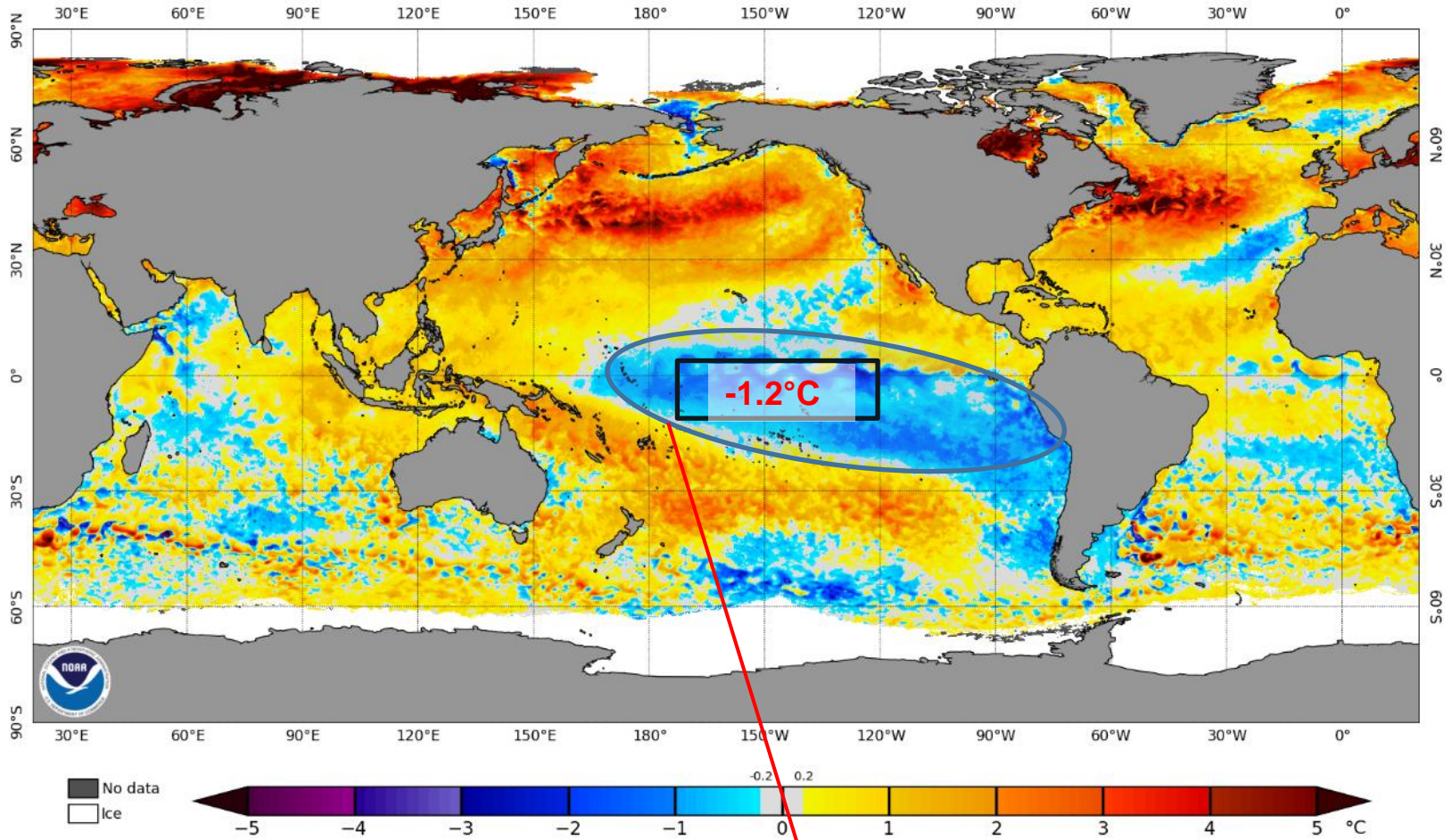


12-19/09



Status Atual: La Niña

NOAA Coral Reef Watch Daily 5km SST Anomalies (v3.1) 21 Aug 2022

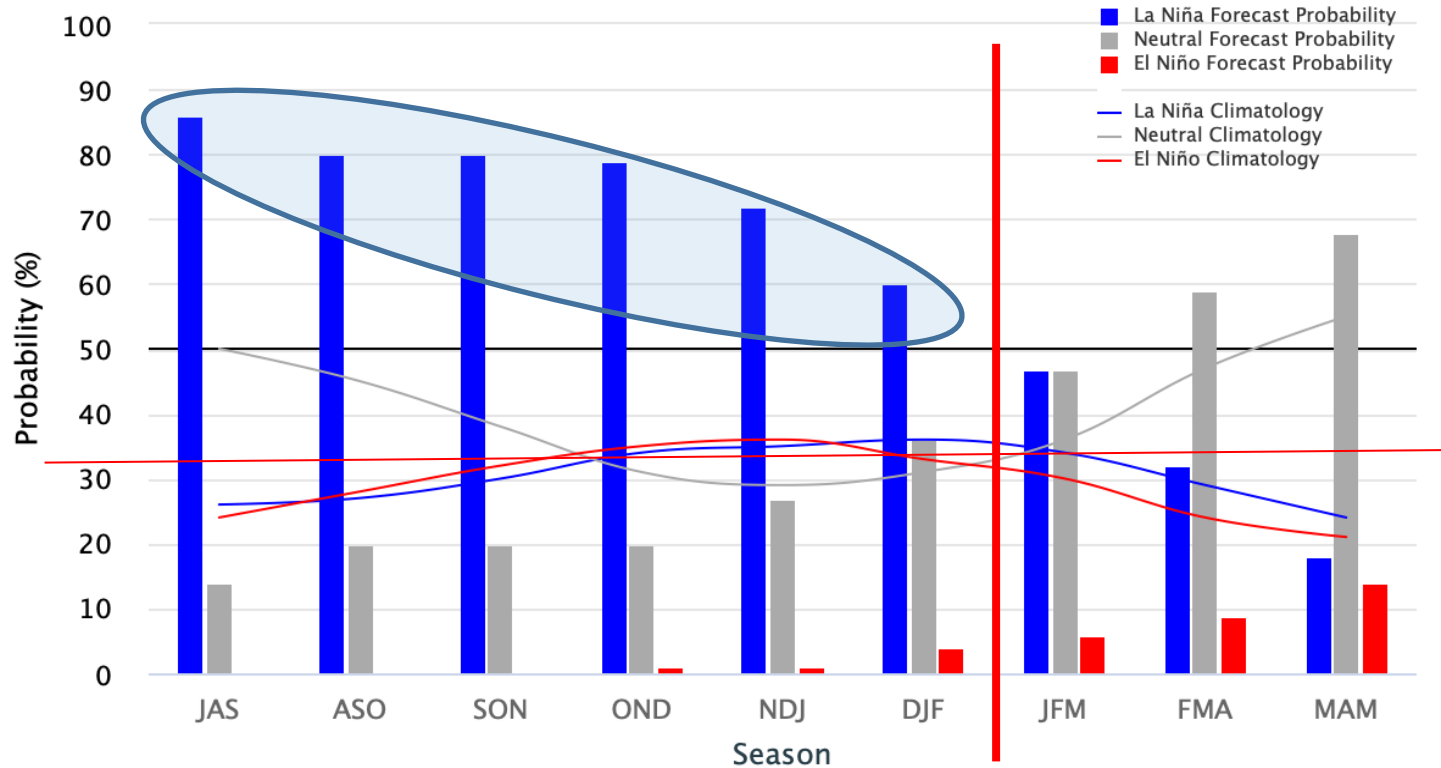


Previsão do “La Niña”

Early-August 2022 CPC 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 SON

