

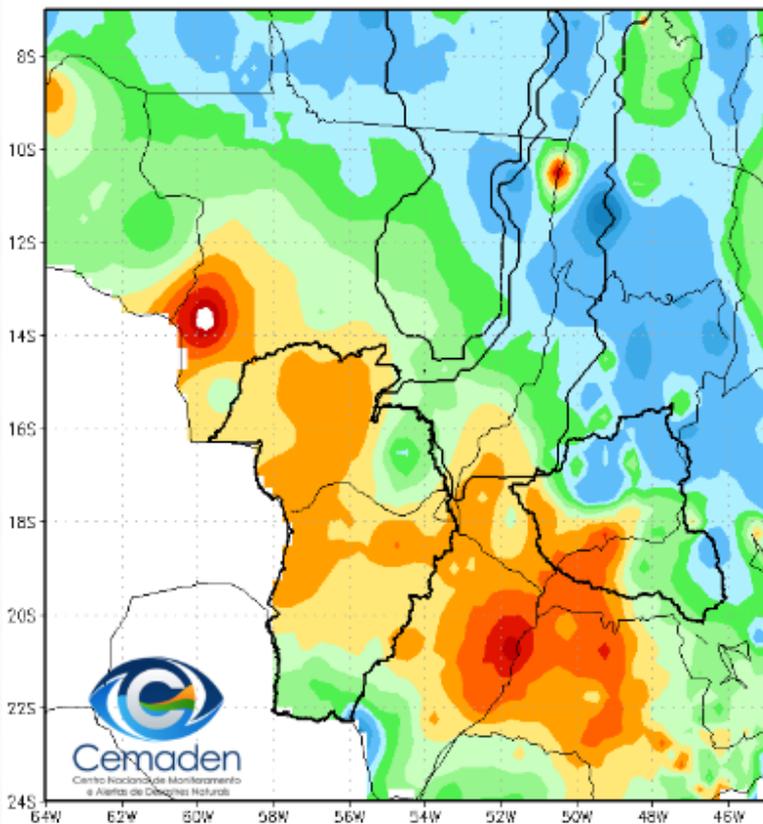


# Monitoramento, previsões e impactos da situação de seca no Pantanal

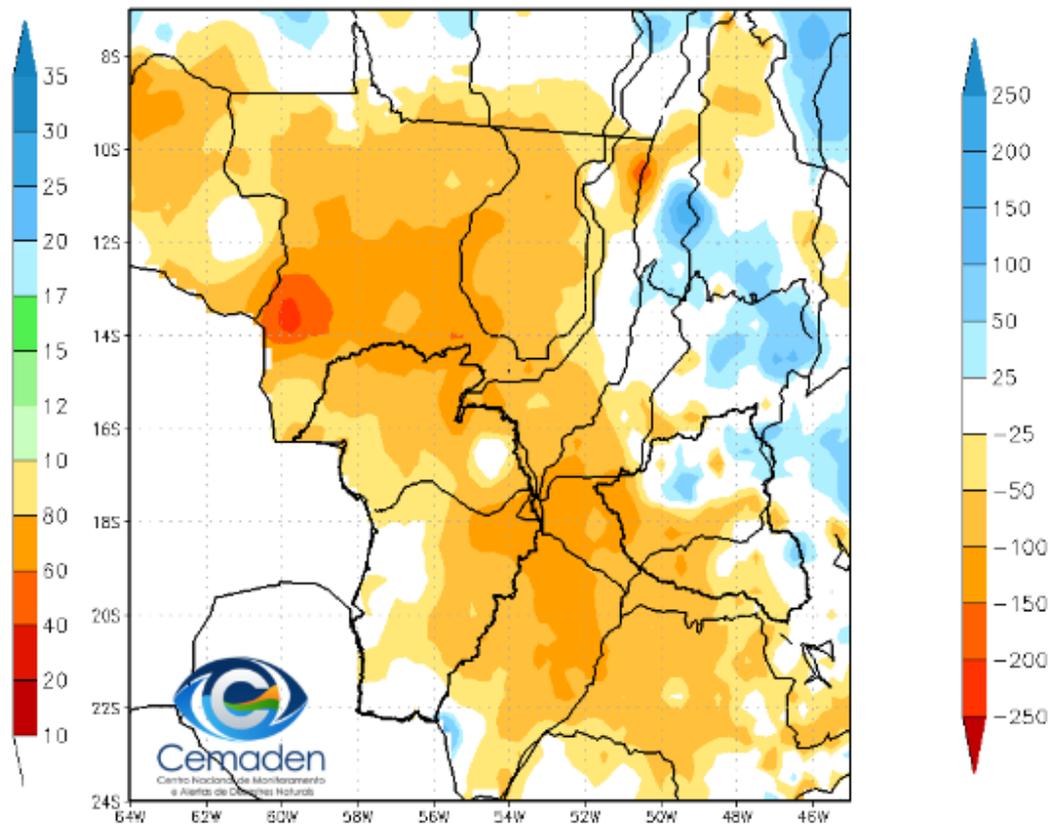
São José dos Campos, 24 de Novembro de 2022

# Precipitação nos últimos 30 dias

Precipitação Acumulada (mm) A.S.  
Período: 24/10/2022 a 23/11/2022

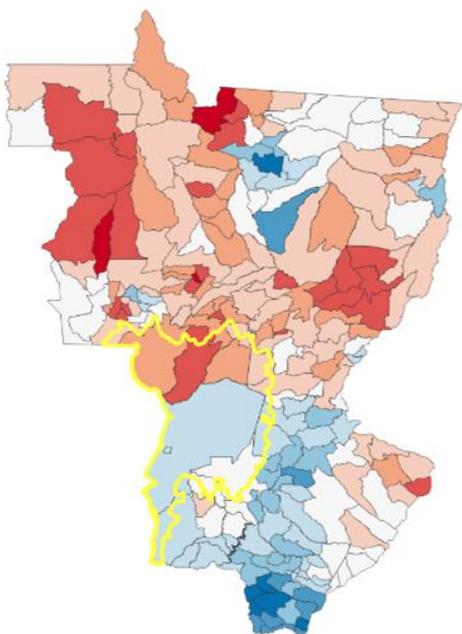


Anomalia de Precipitação (mm) A.S.  
Período: 24/10/2022 a 23/11/2022

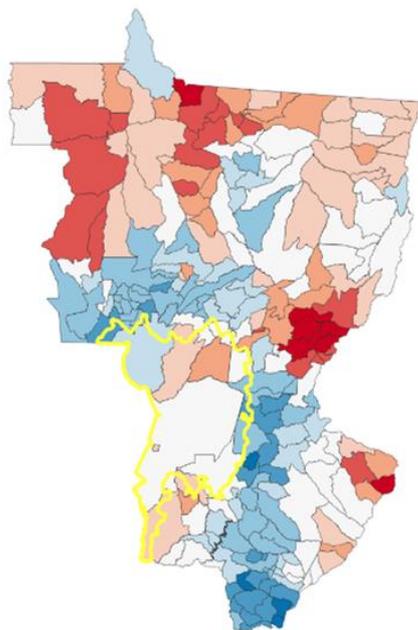


## SPI: Novembro de 2022

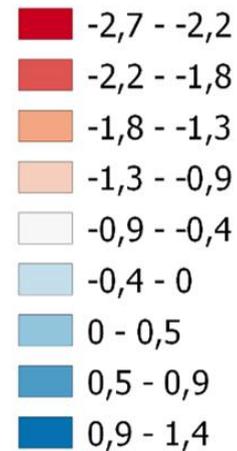
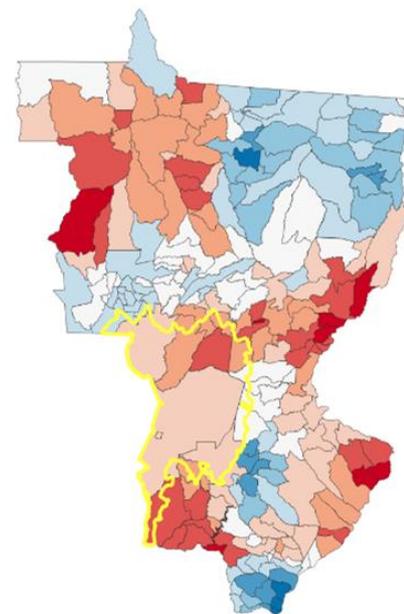
SPI03



SPI12

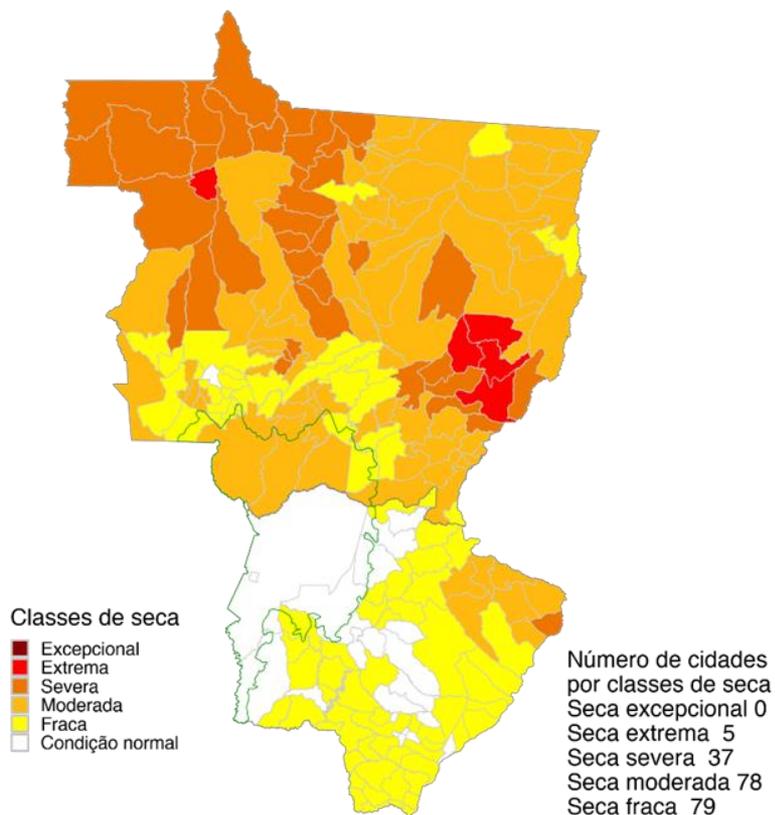


SPI24



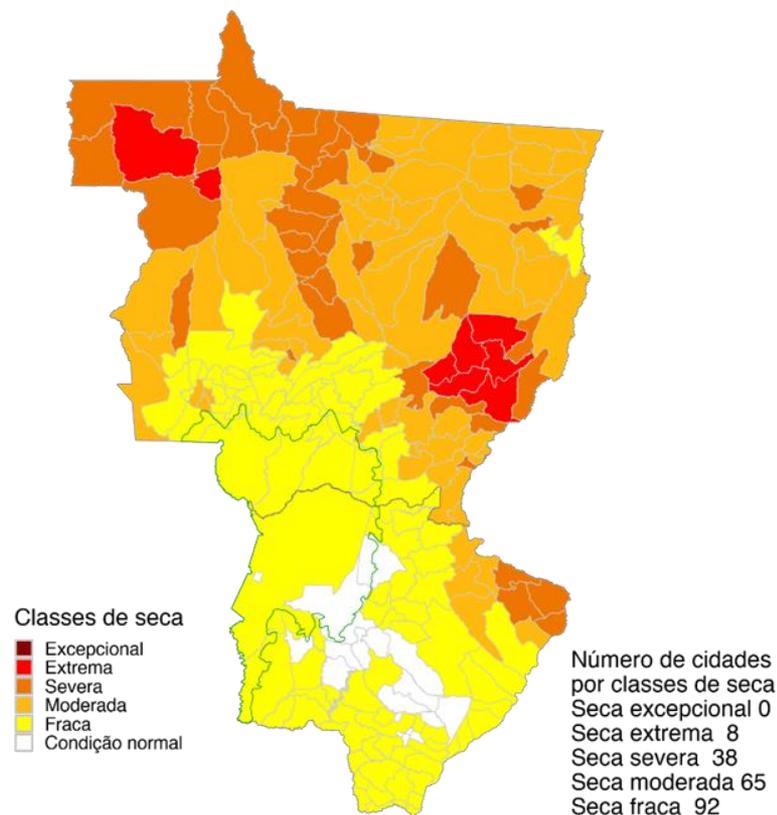
# Índice Integrado de Seca – IIS nas escalas de 3 e 6 meses

## IIS3



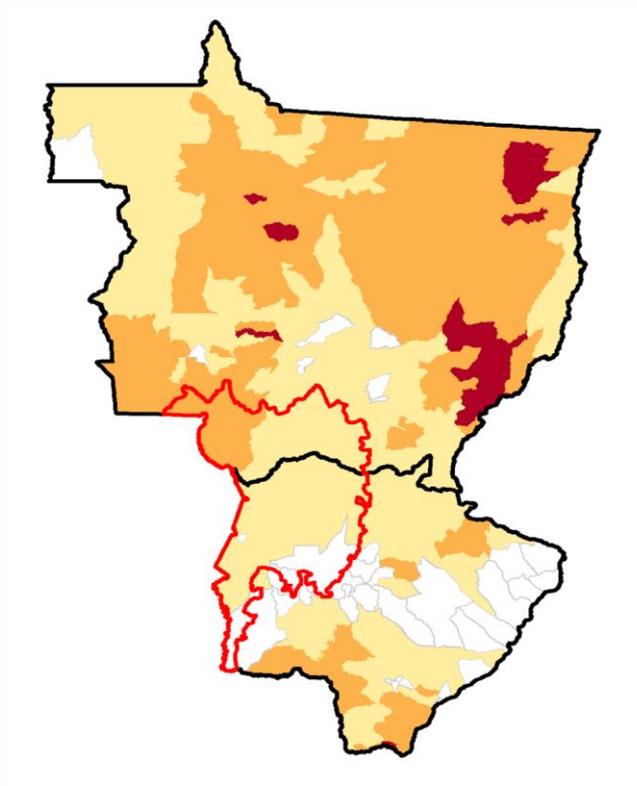
Outubro 2022  
Índice Integrado de Seca (SPI3, VHI, US)  
Dados: CPTEC/INPE - NOAA - NASA / Preparação: Cemaden/MCTI

## IIS6



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

# Áreas Agroprodutivas afetadas pela seca: 18 de Novembro



**Imóveis Rurais Impactados > 40%**

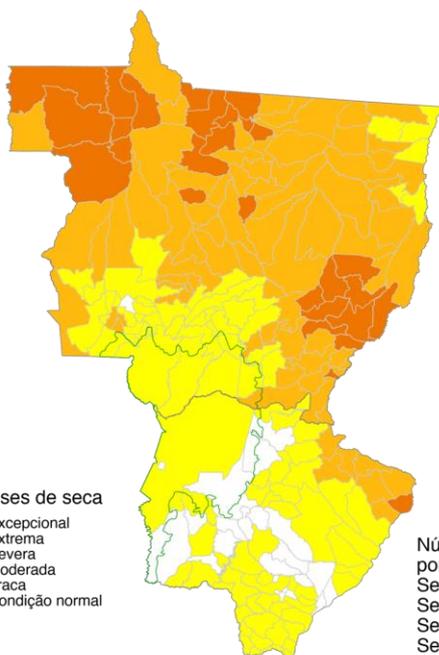
## MT/MS

	40 a 60%	60 - 80%	> 80%	Imóveis Rurais Impactados > 40%
Minifundio	37760 (39%)	43510 (45%)	4673 (5%)	85943 (89%)
Pequena Propriedade	18586 (38%)	21379 (44%)	3759 (8%)	43724 (90%)
Media Propriedade	12750 (44%)	11204 (38%)	1010 (3%)	24964 (85%)

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

# Cenários IIS: Região Sul: **Dezembro/22**

Chuva **30% ACIMA** da média



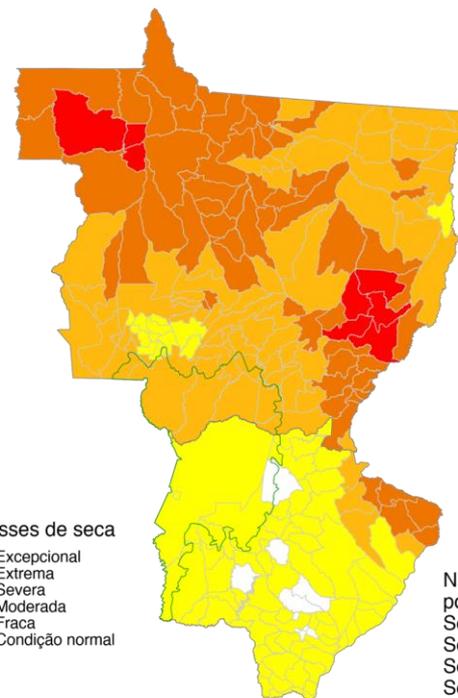
Classes de seca

- Excepcional
- Extrema
- Severa
- Moderada
- Fraca
- Condição normal

Número de cidades por classes de seca

Seca excepcional	0
Seca extrema	0
Seca severa	28
Seca moderada	81
Seca fraca	88

Chuva **30% ABAIXO** da média



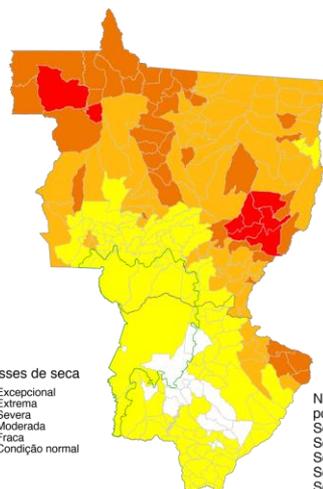
Classes de seca

- Excepcional
- Extrema
- Severa
- Moderada
- Fraca
- Condição normal

Número de cidades por classes de seca

Seca excepcional	0
Seca extrema	8
Seca severa	61
Seca moderada	70
Seca fraca	72

IIS6 observado (Novembro)



Classes de seca

- Excepcional
- Extrema
- Severa
- Moderada
- Fraca
- Condição normal

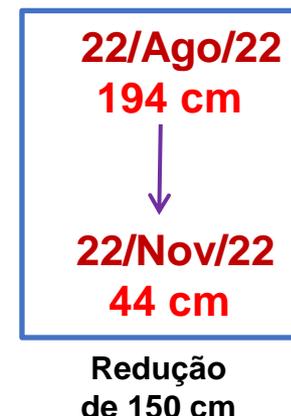
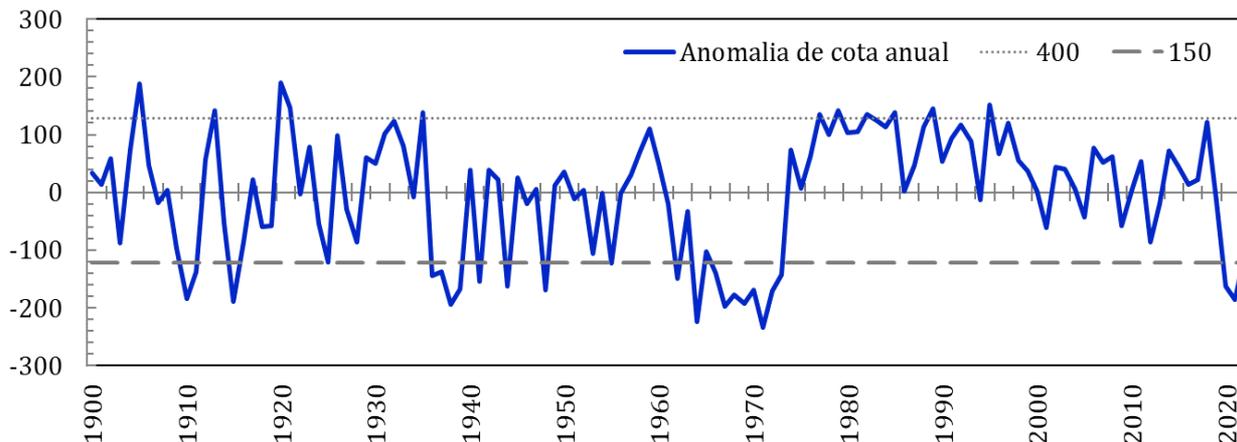
Número de cidades por classes de seca

Seca excepcional	0
Seca extrema	8
Seca severa	38
Seca moderada	65
Seca fraca	92

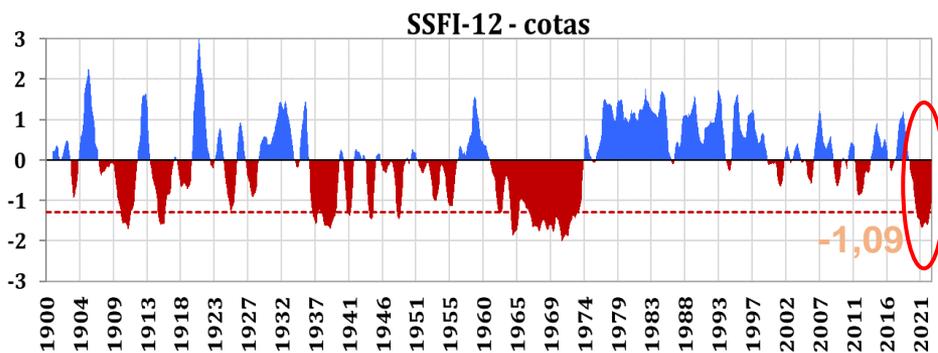
# Rio Paraguai

Estação: 66825000 – Ladário (Base Naval)

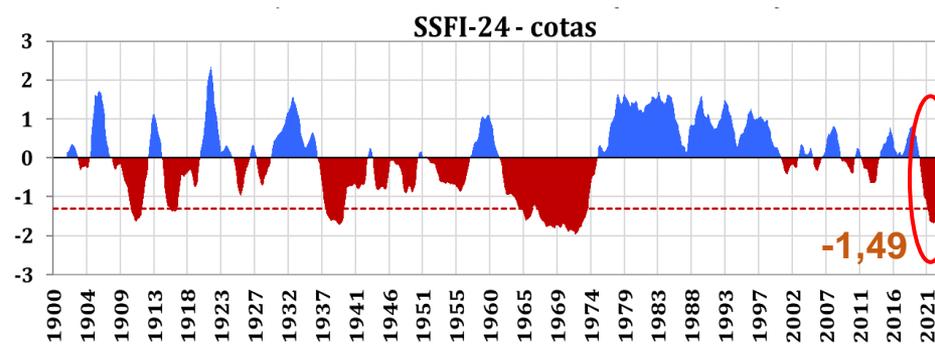
COTA  
MENSAL



## Índice de Vazão Padronizada - SSFI



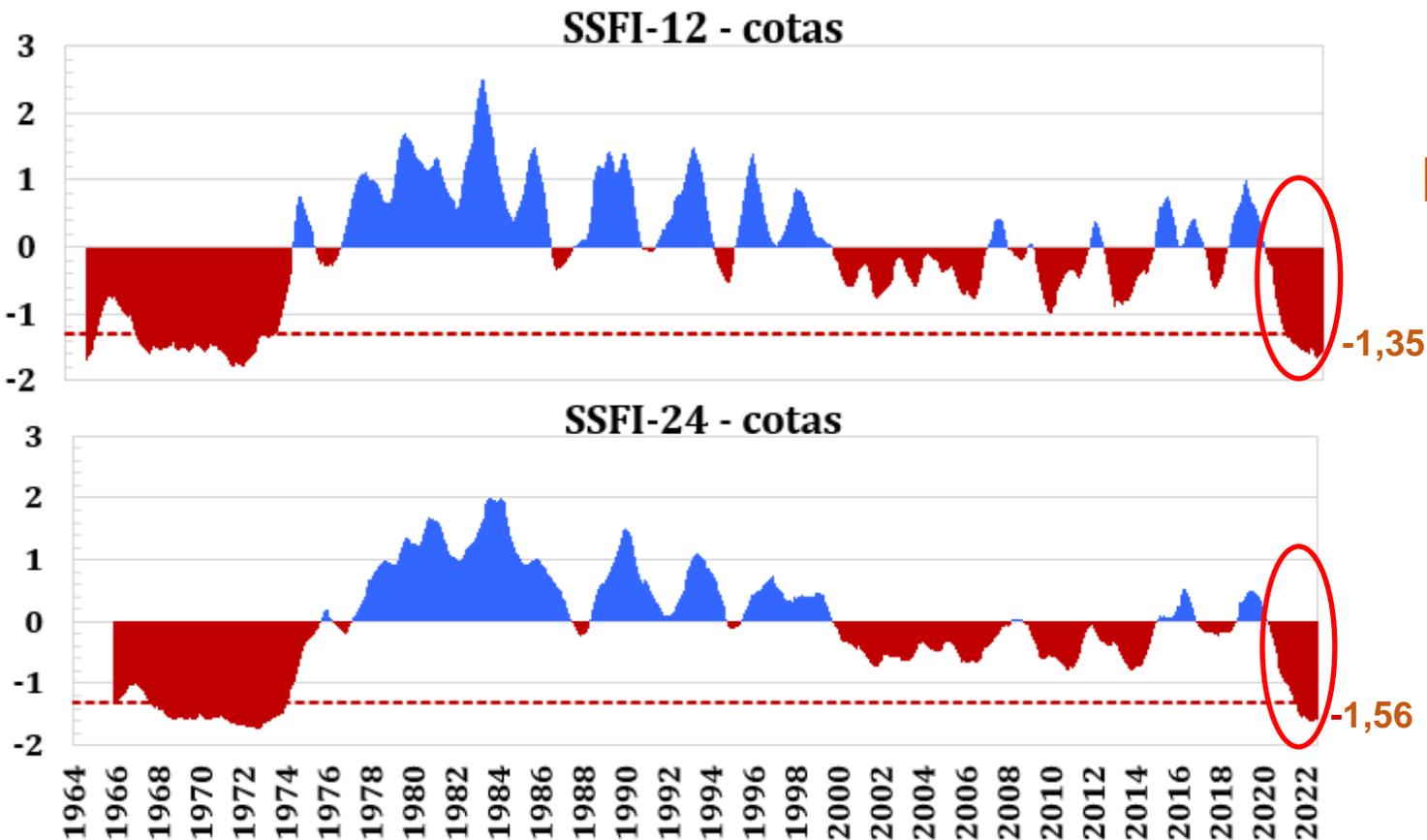
**Seca hidrológica Moderada**



**Seca hidrológica Severa**

# Rio Paraguai

Estação: 67100000 – Porto Murtinho



**Seca  
hidrológica  
Severa**

**COTA  
MENSAL**

**22/Nov/21**

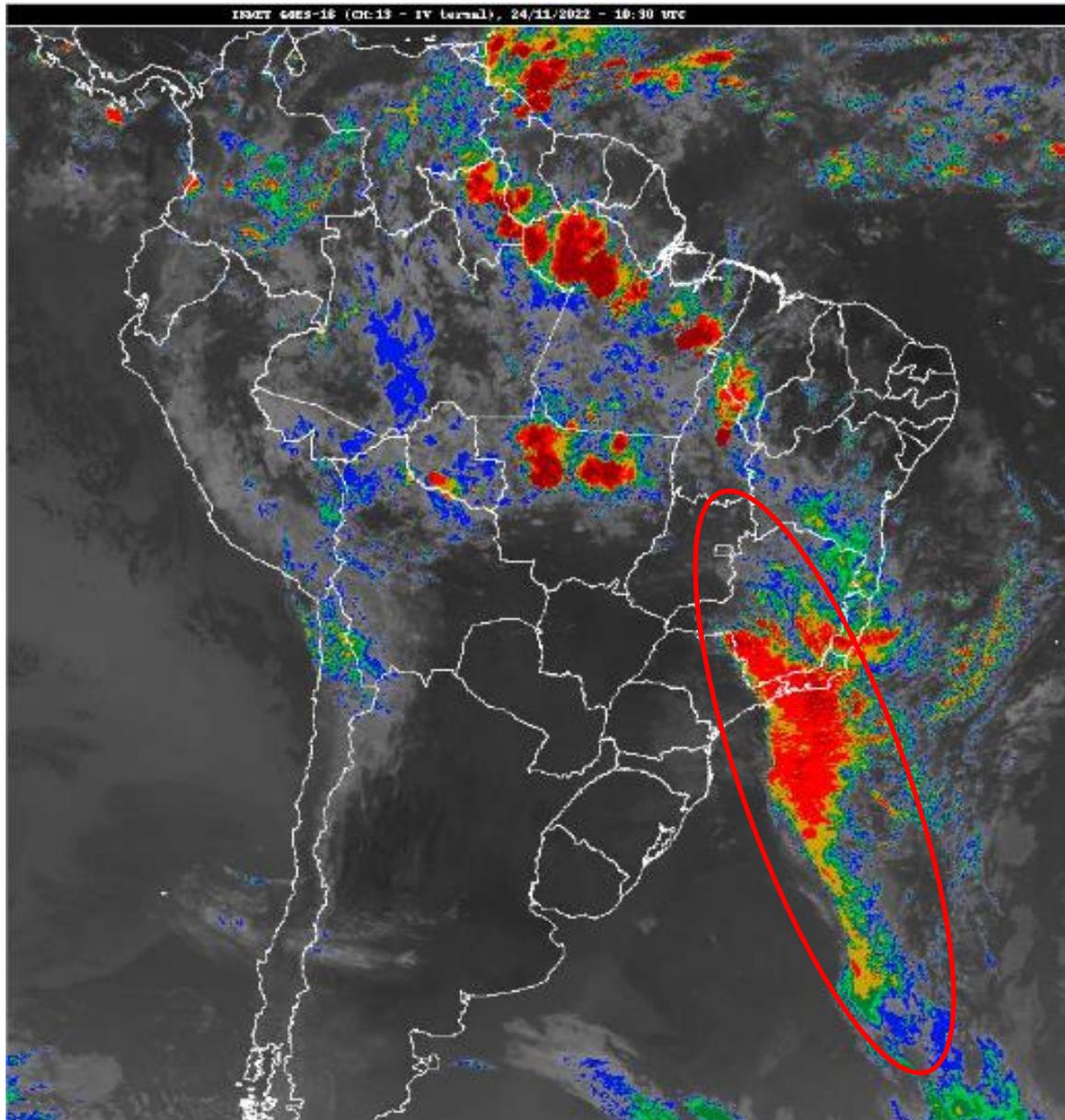
**162 cm**

**22/Nov/22**

**186 cm**

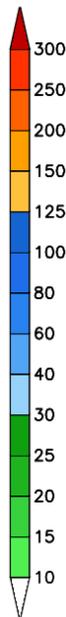
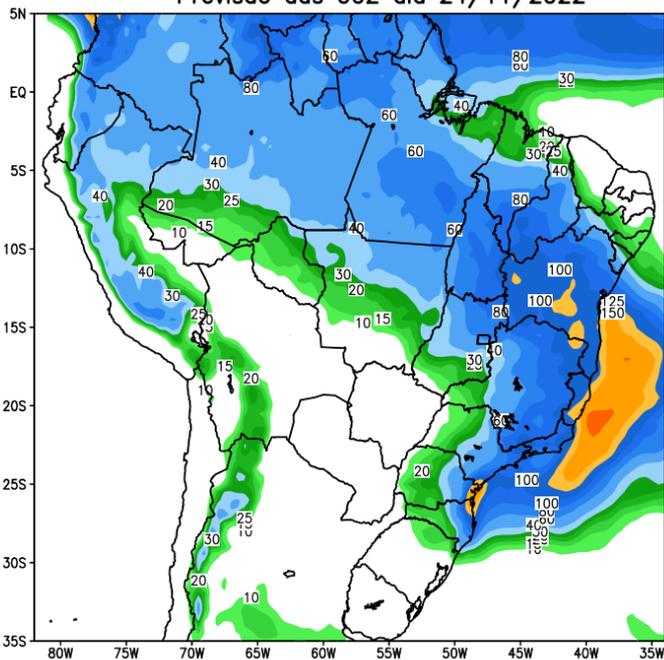
**Aumento de 24 cm**

# Situação meteorológica

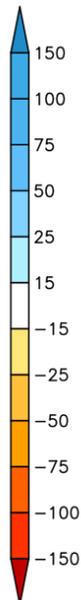
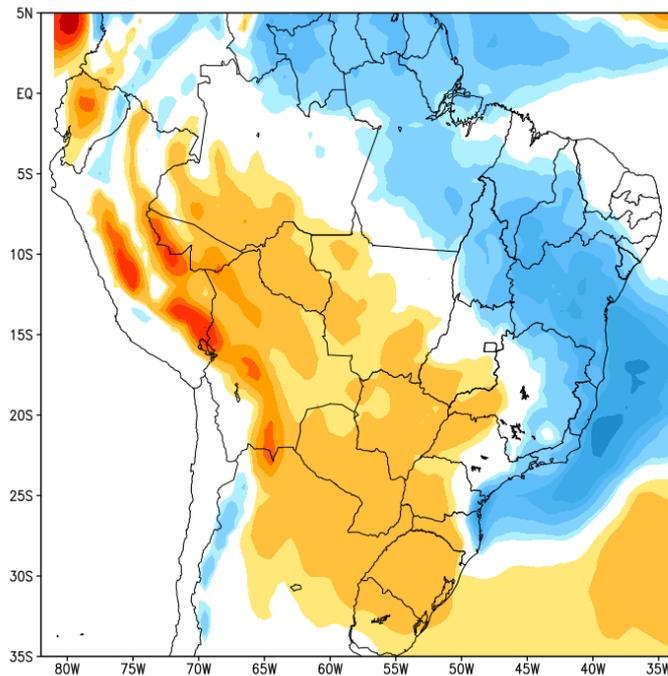


# Previsão para as próxima semana

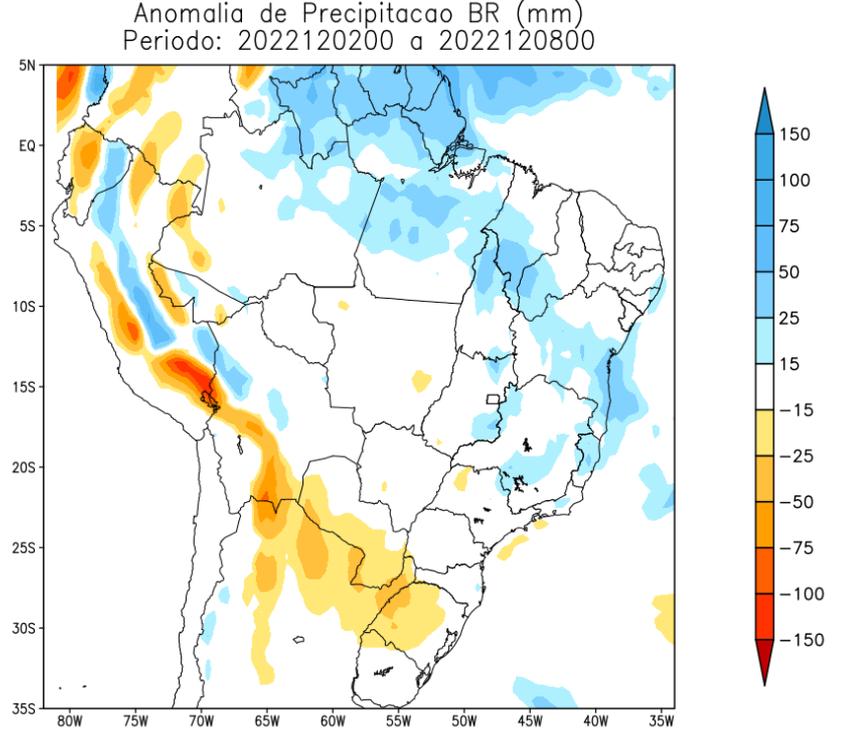
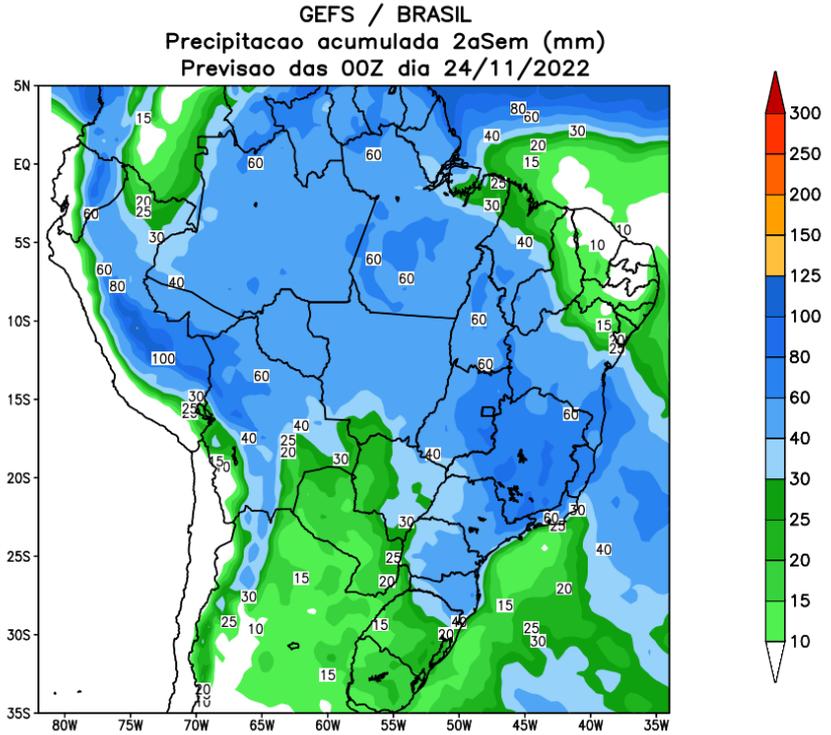
GEFS / BRASIL  
Precipitacao acumulada 1aSem (mm)  
Previsao das 00Z dia 24/11/2022



Anomalia de Precipitacao BR (mm)  
Periodo: 2022112400 a 2022120100

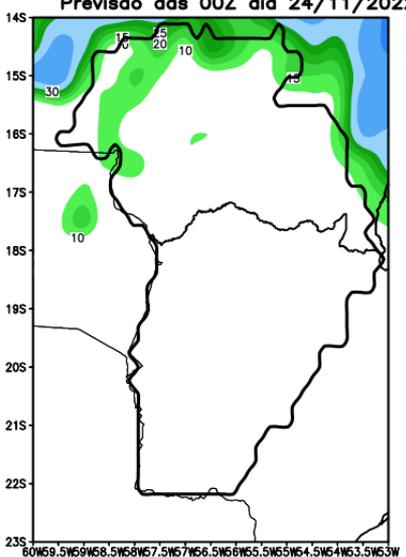


# Tendência para a segunda semana



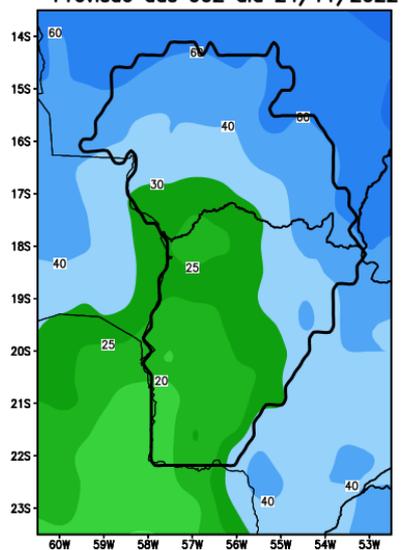
# Previsão de chuva Bacia do Alto Paraguai

GEFS\_BC / Bacia do Rio Paraguai  
Precipitação acumulada com correção de vies em 7 dias (mm)  
Previsão das 00Z dia 24/11/2022



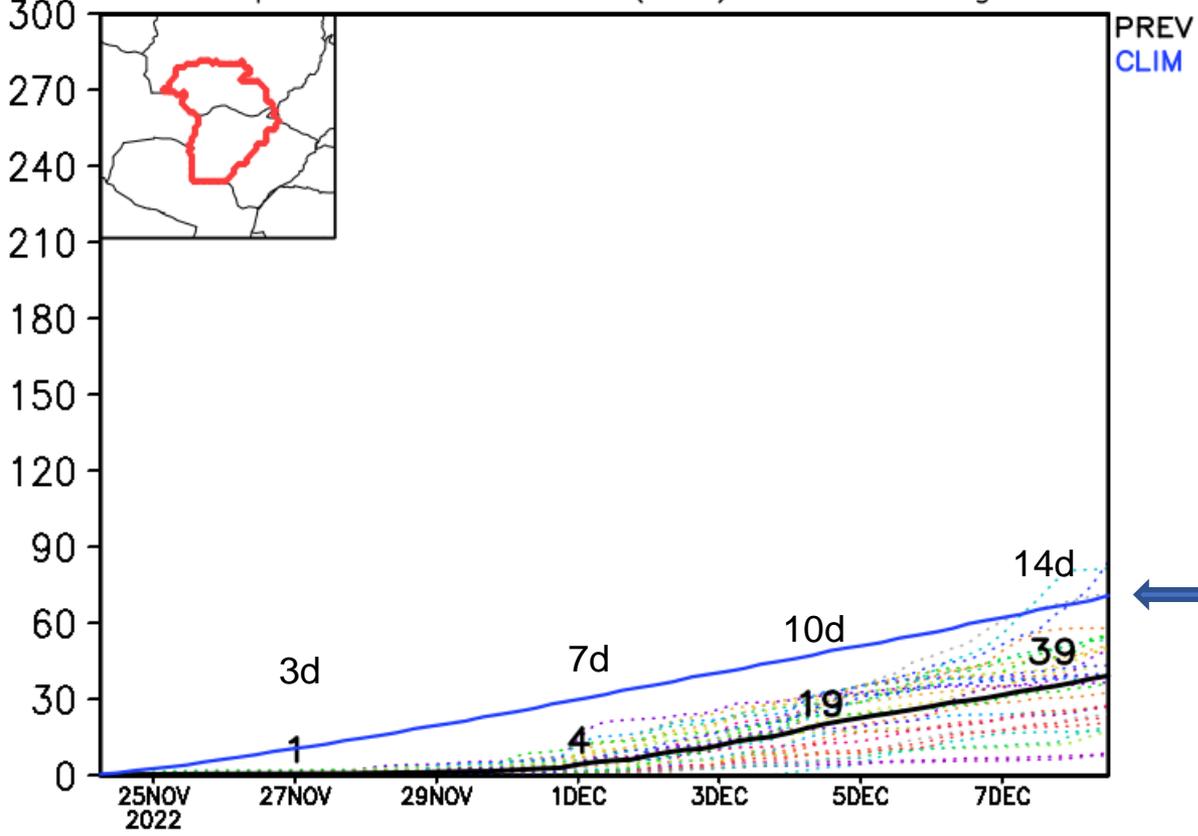
**7 dias**

GEFS / Bacia do Rio Paraguai  
Precipitação acumulada em 15 dias (mm)  
Previsão das 00Z dia 24/11/2022



**14 dias**

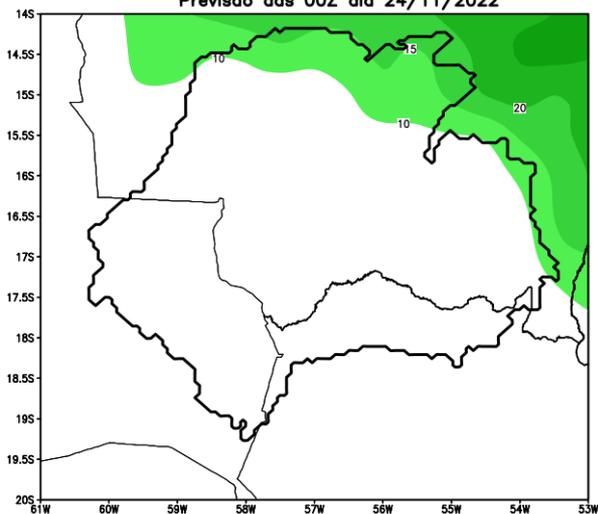
Precipitação acumulada (mm): Bacia Paraguai



# Previsão de chuva sub Bacia de Ladario

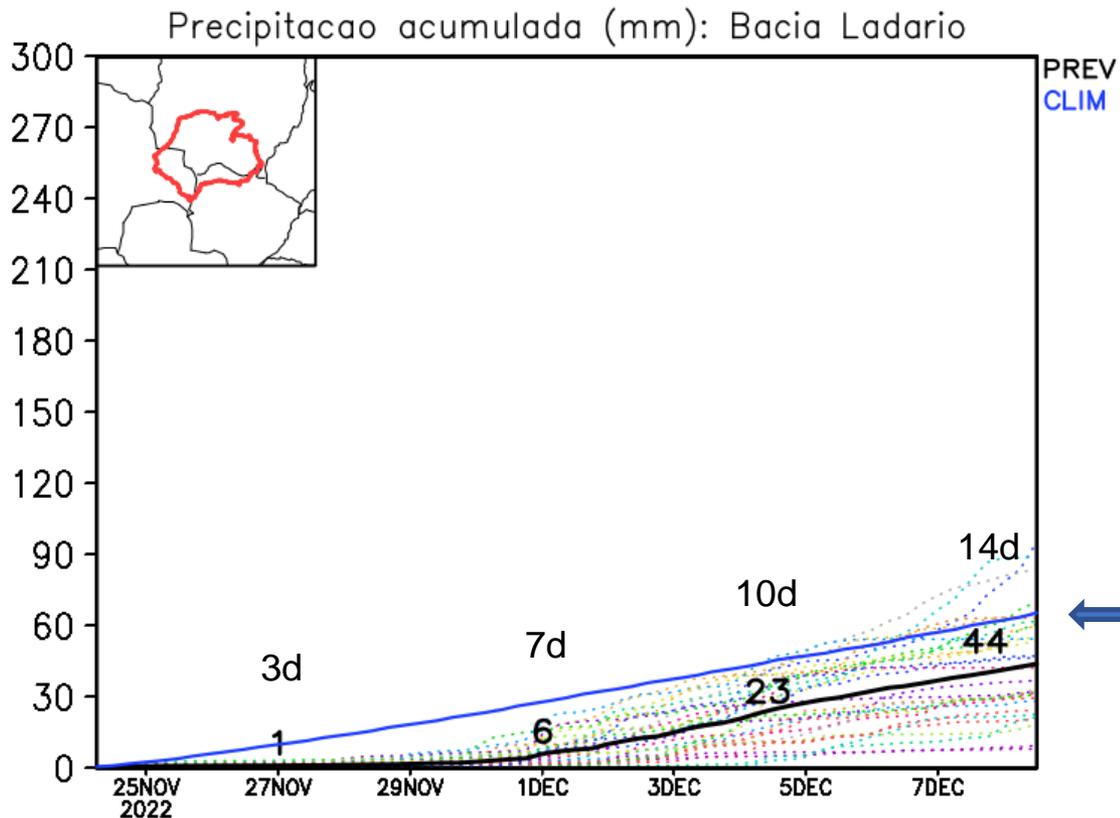
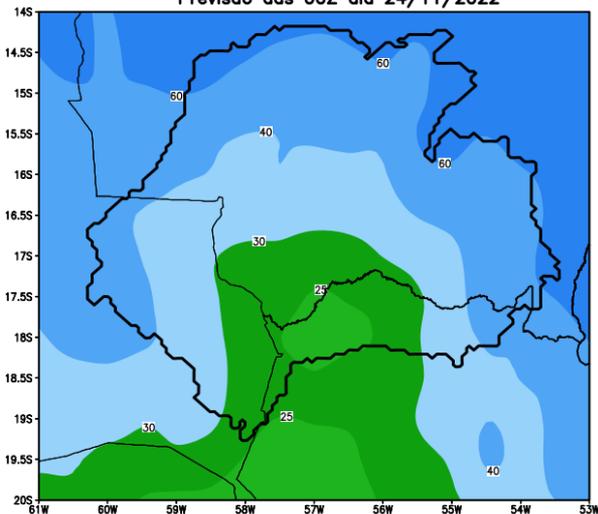
## 7 dias

GEFS / Bacia Ladario  
Precipitacao acumulada em 7 dias (mm)  
Previsao das 00Z dia 24/11/2022

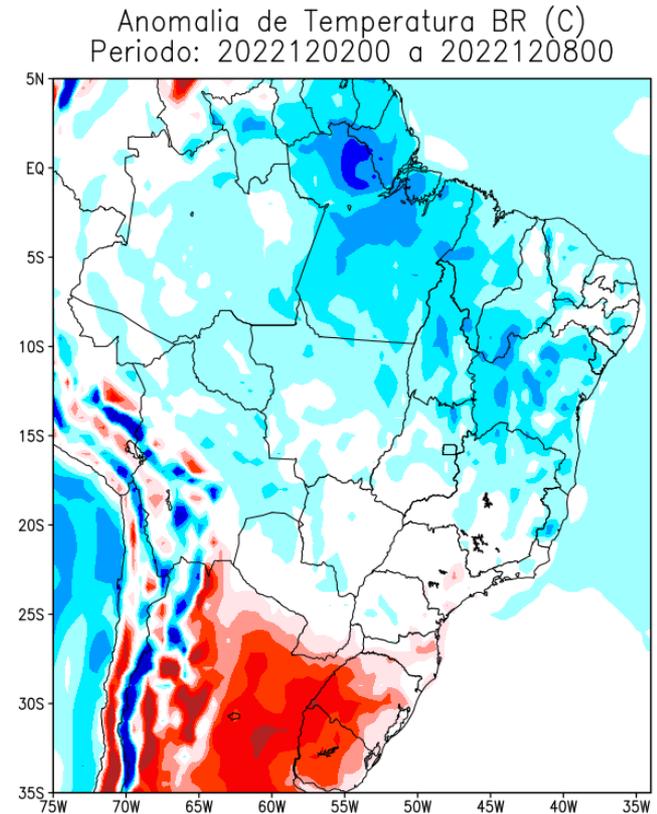
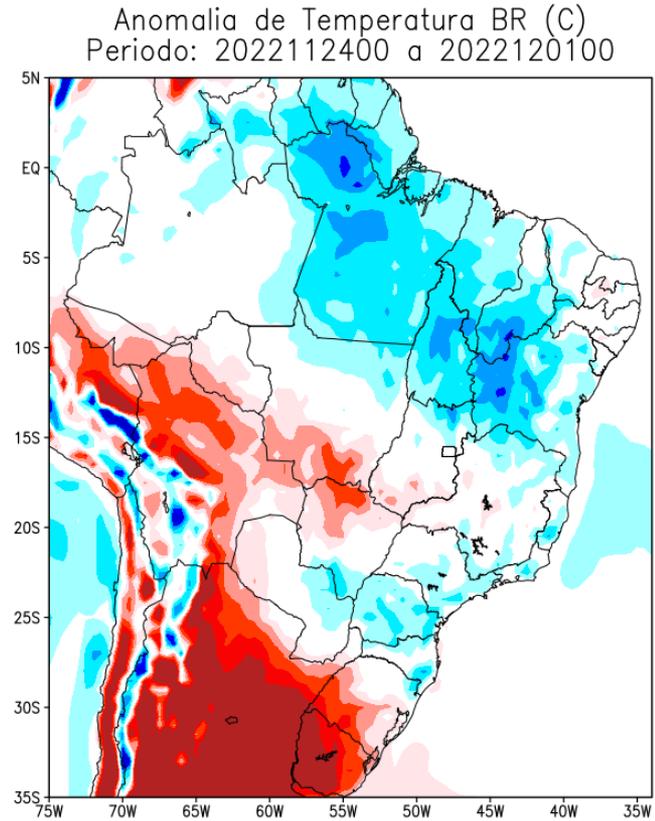


## 14 dias

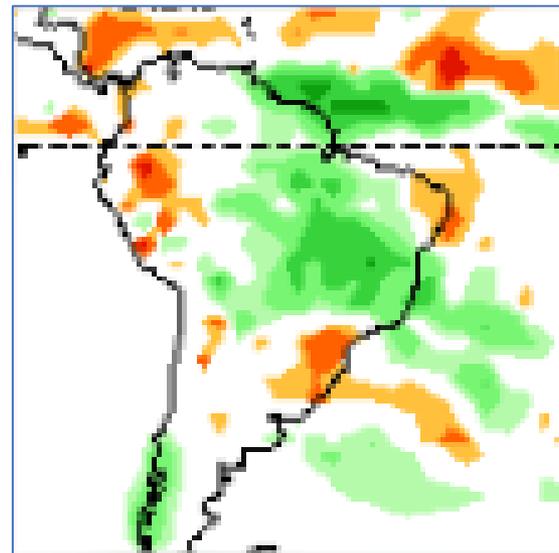
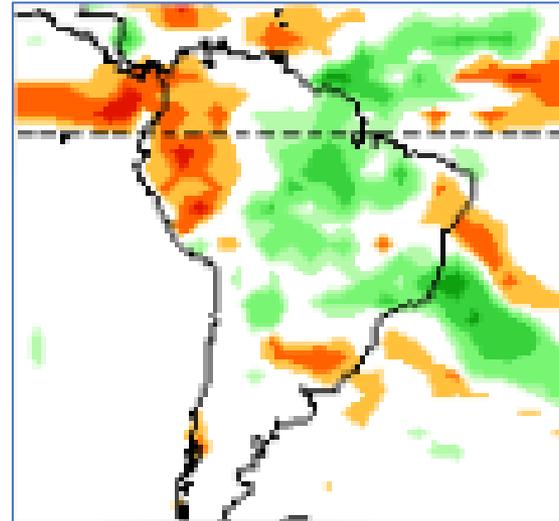
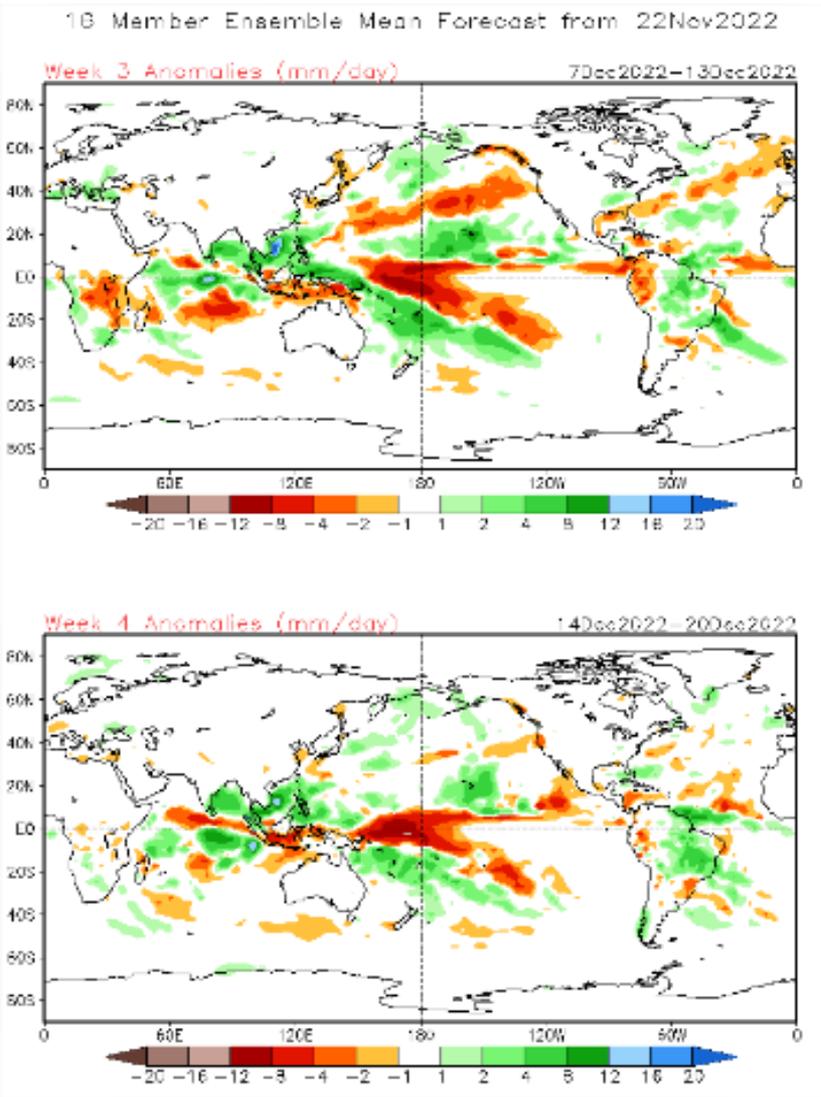
GEFS / Bacia Ladario  
Precipitacao acumulada em 14 dias (mm)  
Previsao das 00Z dia 24/11/2022



# Previsão de Temperatura

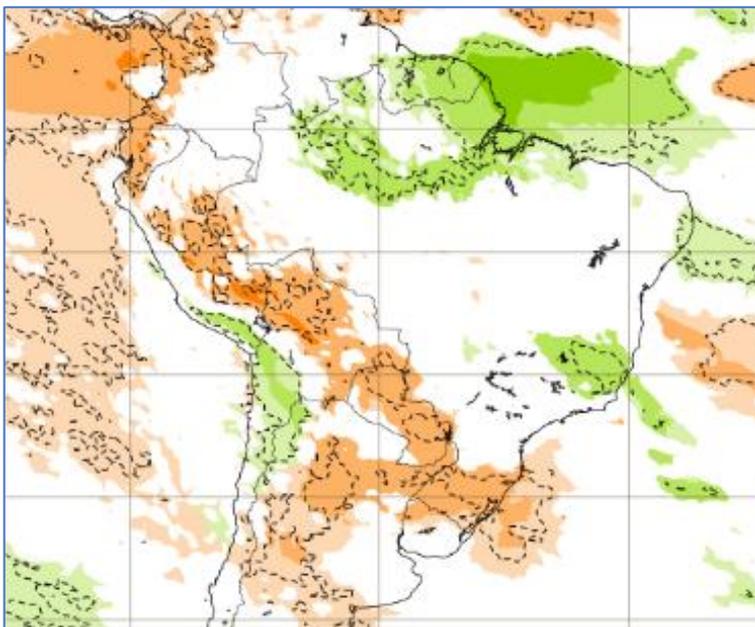


# Tendência 3a e 4a semanas

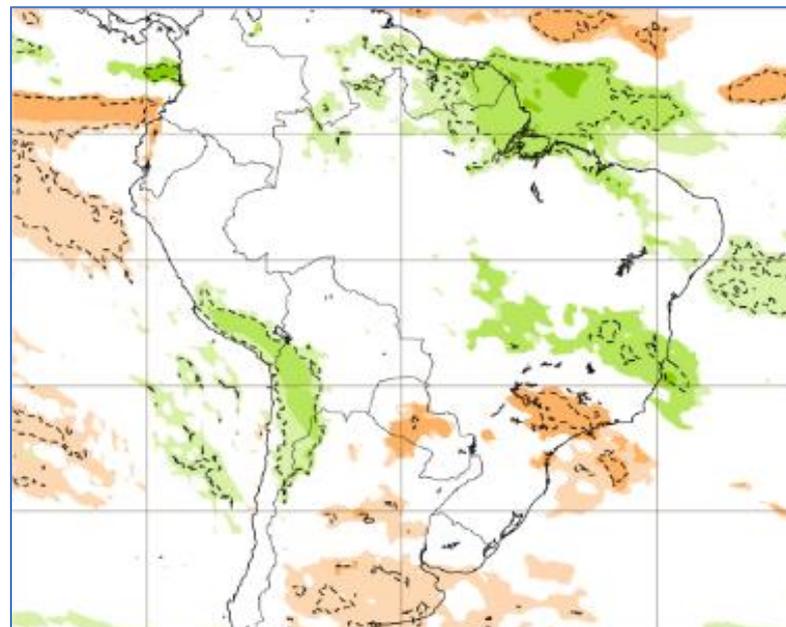


# Tendência para 3ª e 4ª semanas

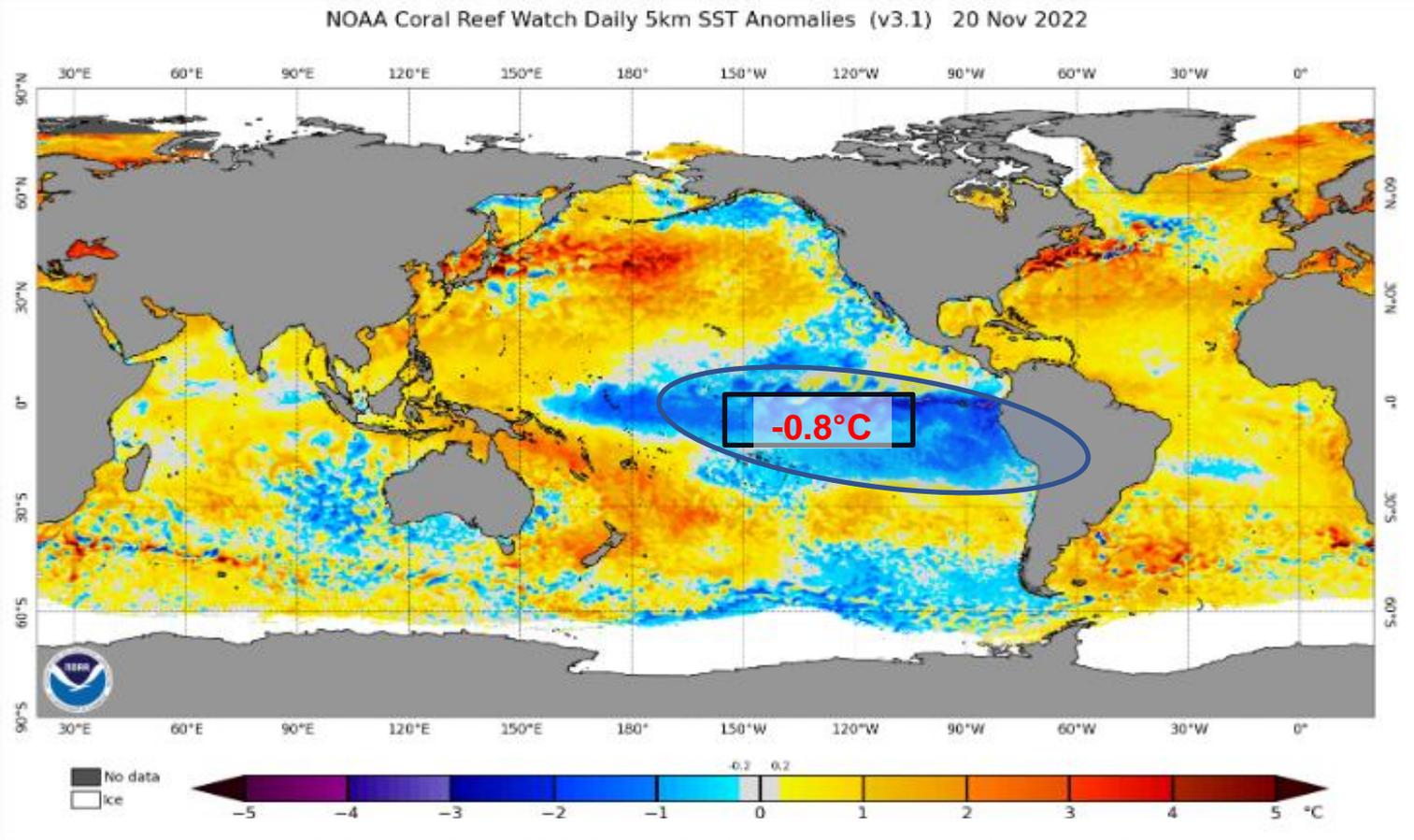
05-12/12



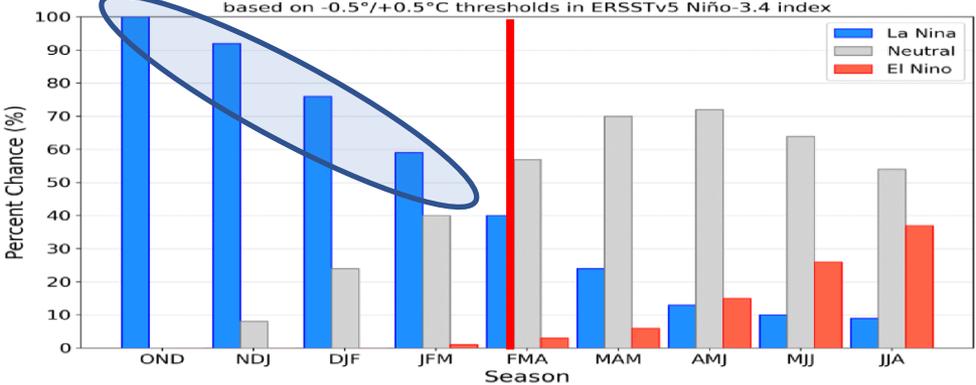
12-19/12



# Status Atual: La Niña



## Official NOAA CPC ENSO Probabilities (issued Nov. 2022)



FONTE: NOAA

# Previsão sazonal de Chuva para DJF

