

# Monitoramento da situação da seca na Região Sul

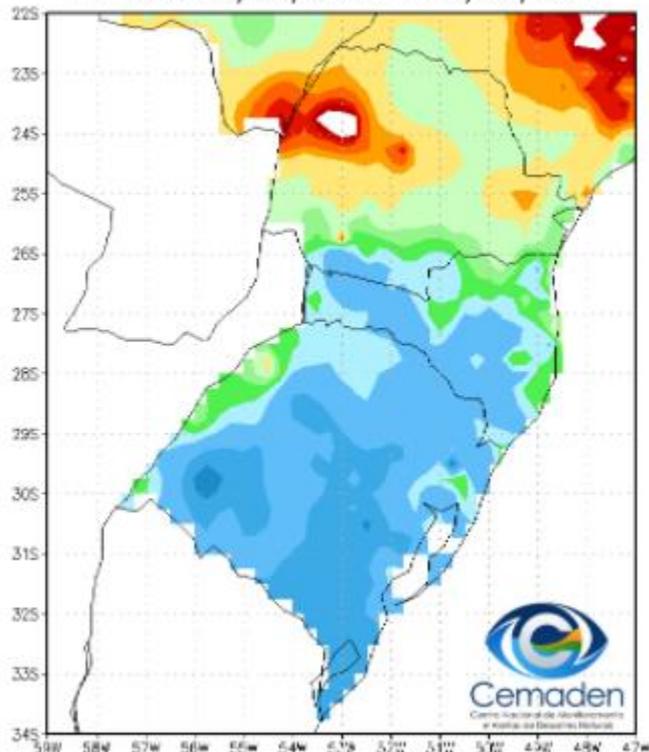


**Cemaden**  
Centro Nacional de Monitoramento  
e Alertas de Desastres Naturais

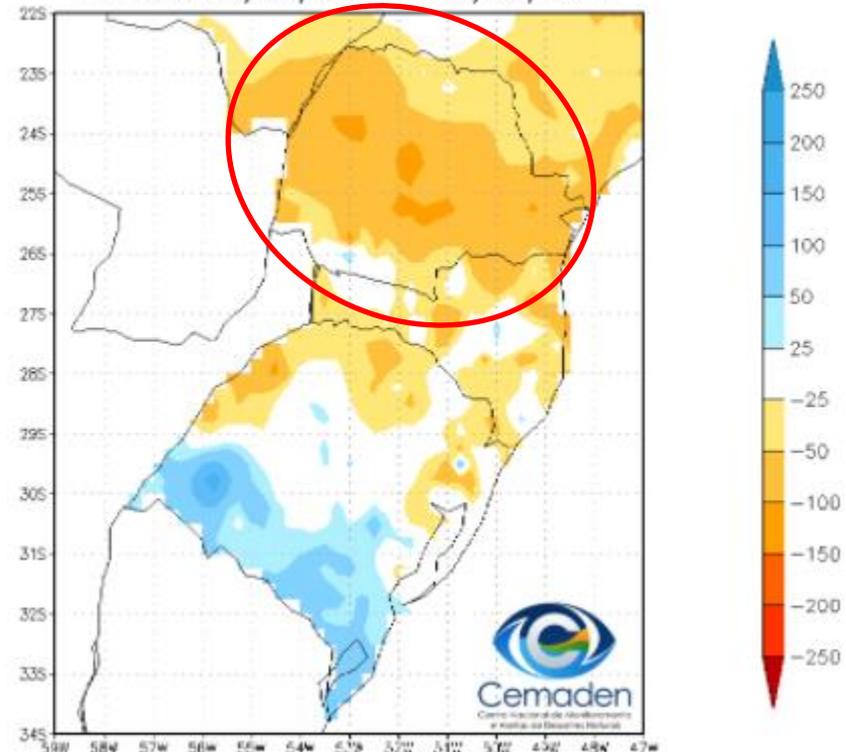
29 de Setembro de 2021

## Precipitação – Região Sul: **últimos 30 dias**

Precipitação Acumulada (mm)  
Período: 28/08/2021 a 27/09/2021

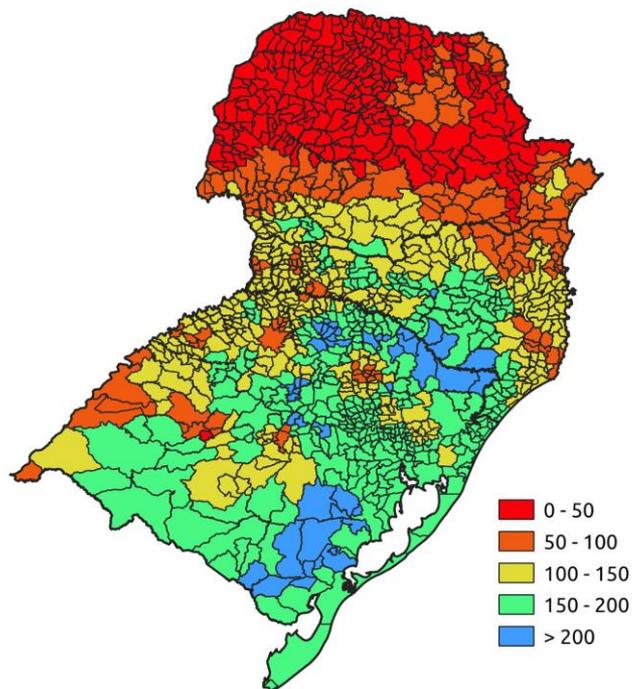


Anomalia de Precipitação (mm)  
Período: 28/08/2021 a 27/09/2021

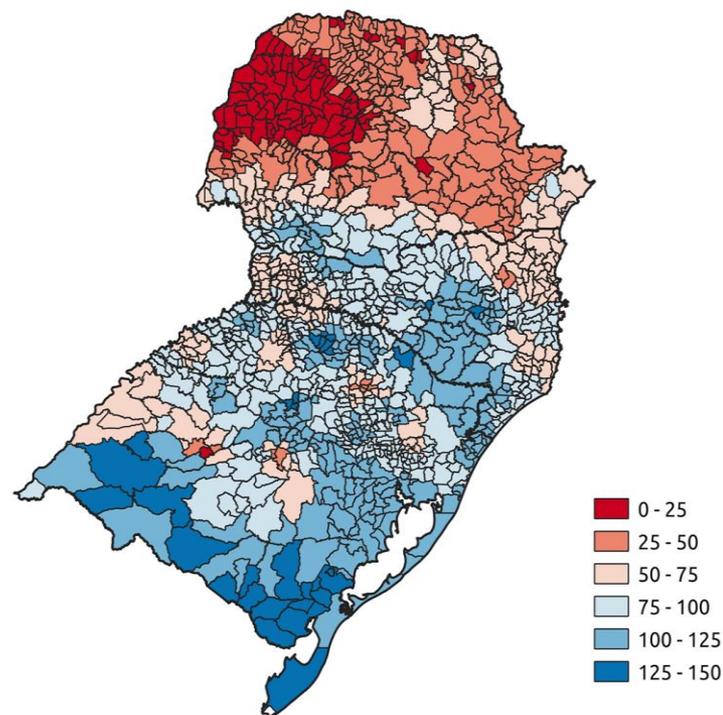


# Precipitação – Região Sul: **Setembro/2021** (até dia 25/09)

Chuva acumulada (mm)



% de precipitação do total

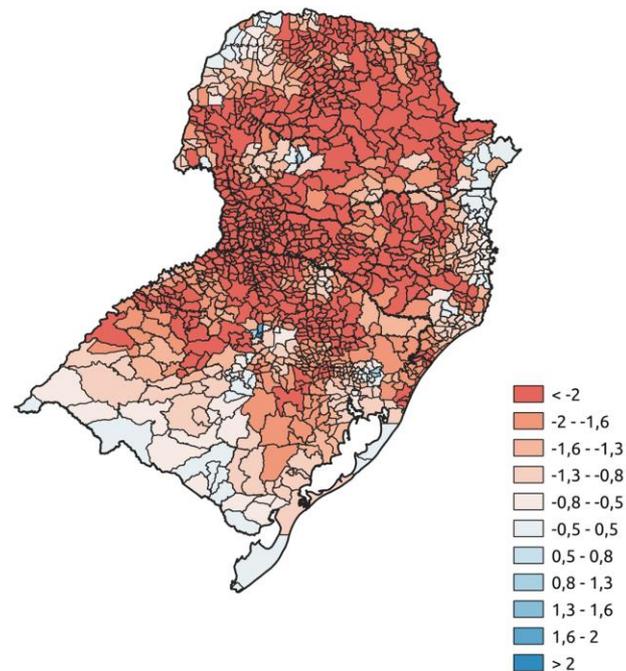
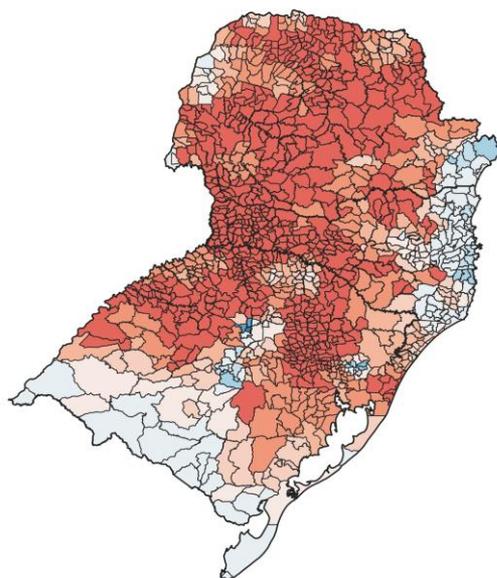
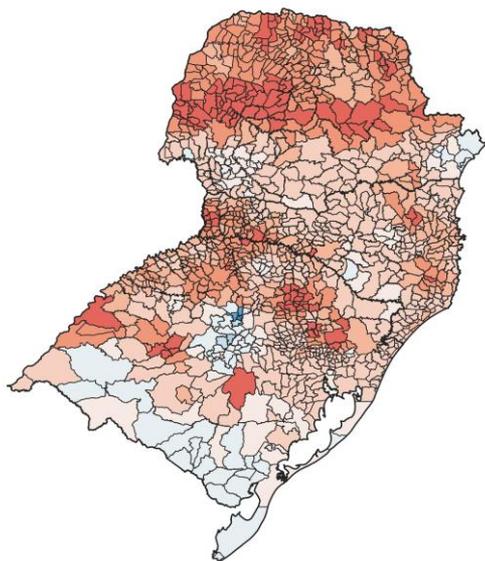


## SPI: Setembro de 2021 (até dia 25/09)

SPI03

SPI12

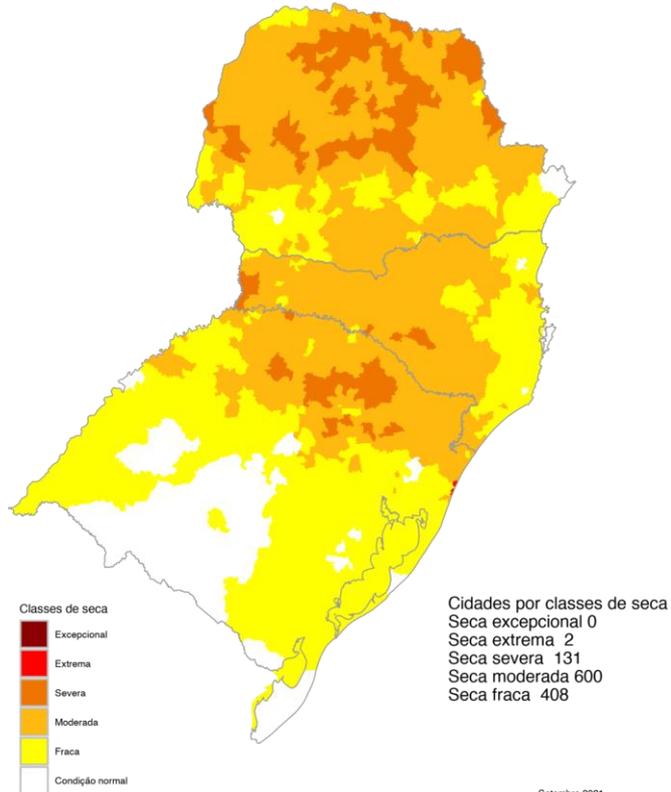
SPI24



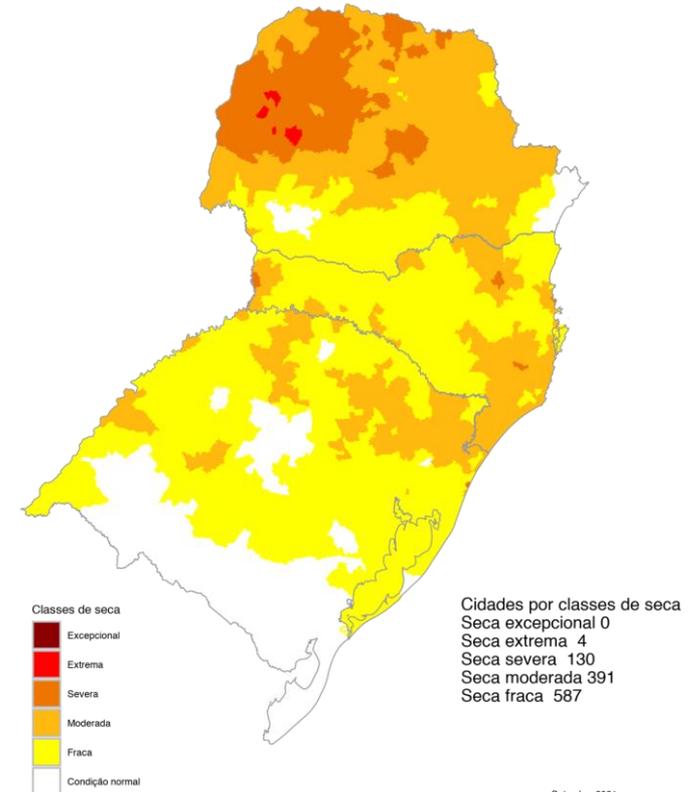
# Índice Integrado de Seca – IIS (SPI, VHI, Umidade do Solo)

14 de setembro de 2021

27 de setembro de 2021



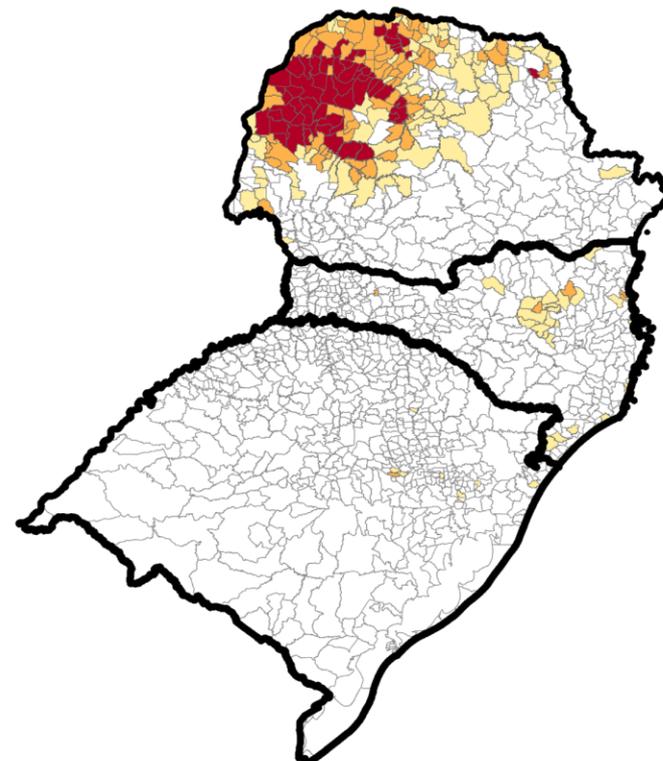
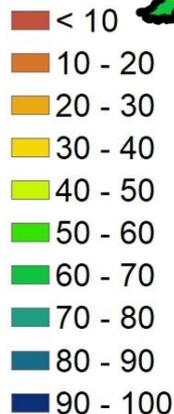
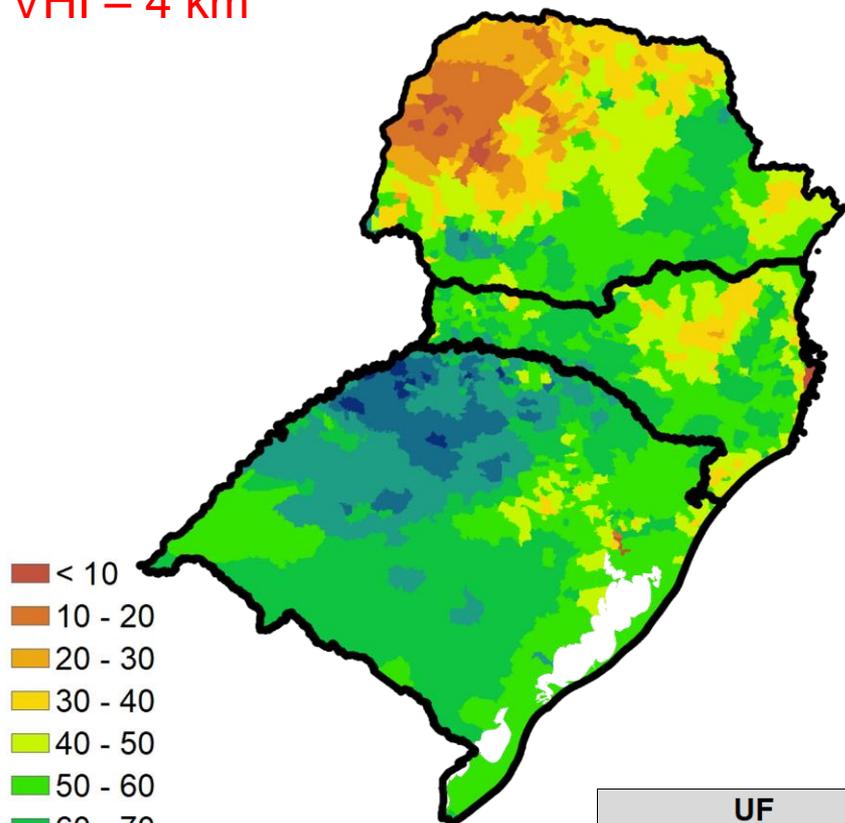
Setembro 2021  
Índice Integrado de Seca (SPI3,VHIAUS)  
Dados: CPTEC/INPE - NOAA - NASA/SMAP / Preparação: Cemaden/MCTI



Setembro 2021  
Índice Integrado de Seca (SPI3,VHIAUS)  
Dados: CPTEC/INPE - NOAA - NASA/SMAP / Preparação: Cemaden/MCTI

# Áreas Agroprodutivas afetadas pela seca – Região Sul: 23/09

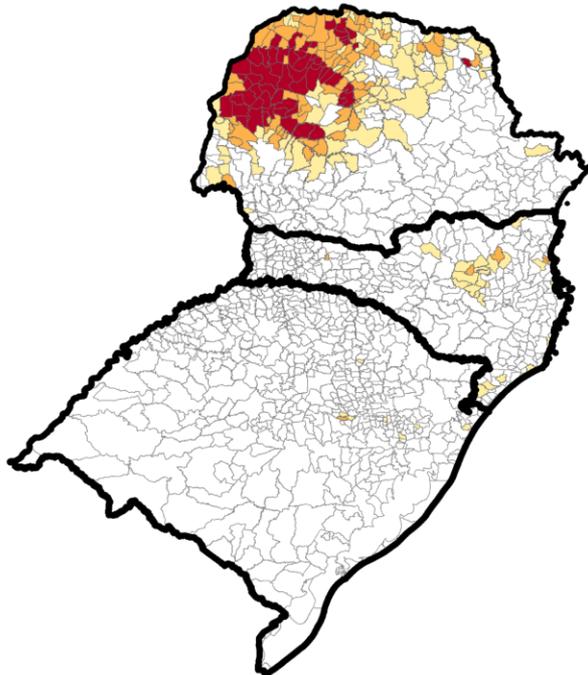
VHI – 4 km



UF	40 a 60%		60 - 80%		> 80%	
	19/ago	23/set	19/ago	23/set	19/ago	23/set
Paraná	68	74	58	72	32	58
Santa Catarina	43	22	13	6	6	
Rio Grande do Sul	39	9	12	1	1	

\*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: 23/09



	40 a 60%	60 - 80%	> 80%
<b>Paraná</b>			
<b>Minifundio</b>	31503 (12%)	20066 (8%)	26098 (10%)
Pequena Propriedade	17696 (14%)	9835 (8%)	13267 (10%)
<b>Media Propriedade</b>	4246 (16%)	1719 (6%)	2795 (10%)
<b>Santa Catarina</b>			
<b>Minifundio</b>	18192 (8%)	1465 (1%)	-
Pequena Propriedade	7118 (9%)	926 (1%)	-
<b>Media Propriedade</b>	556 (6%)	118 (1%)	-
<b>Rio Grande do Sul</b>			
<b>Minifundio</b>	2450 (1%)	705 (*)	-
Pequena Propriedade	354 (*)	54 (*)	-
<b>Media Propriedade</b>	24 (*)	-	-

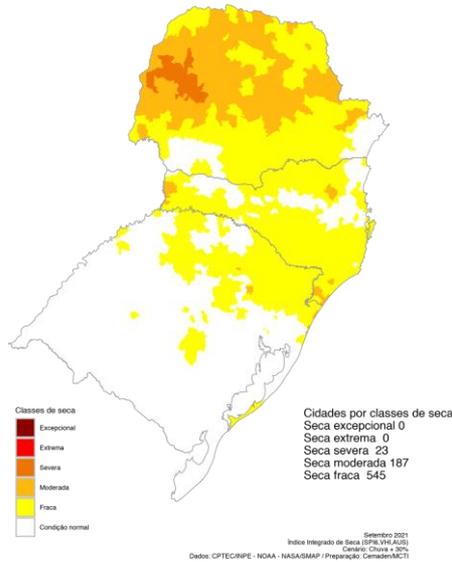
(\*) Porcentagem inferior a 1%.

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

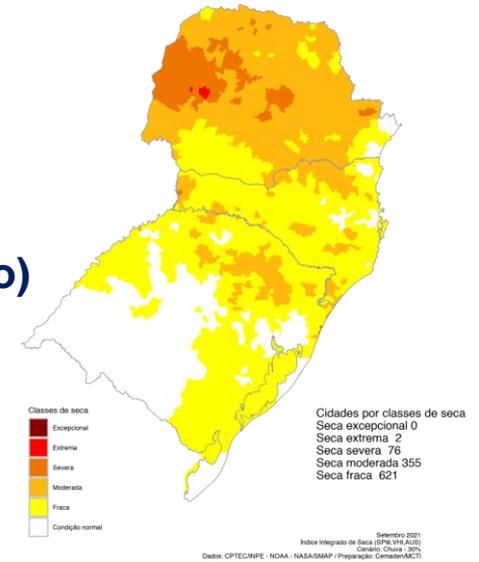
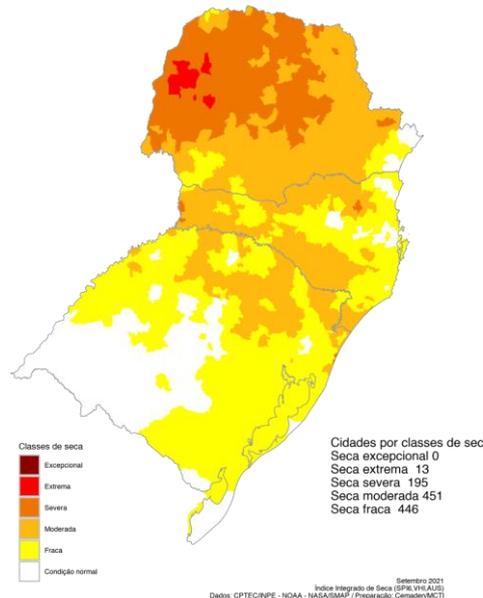
# Cenários IIS: Região Sul: Outubro/21

Chuva 30% ACIMA da média

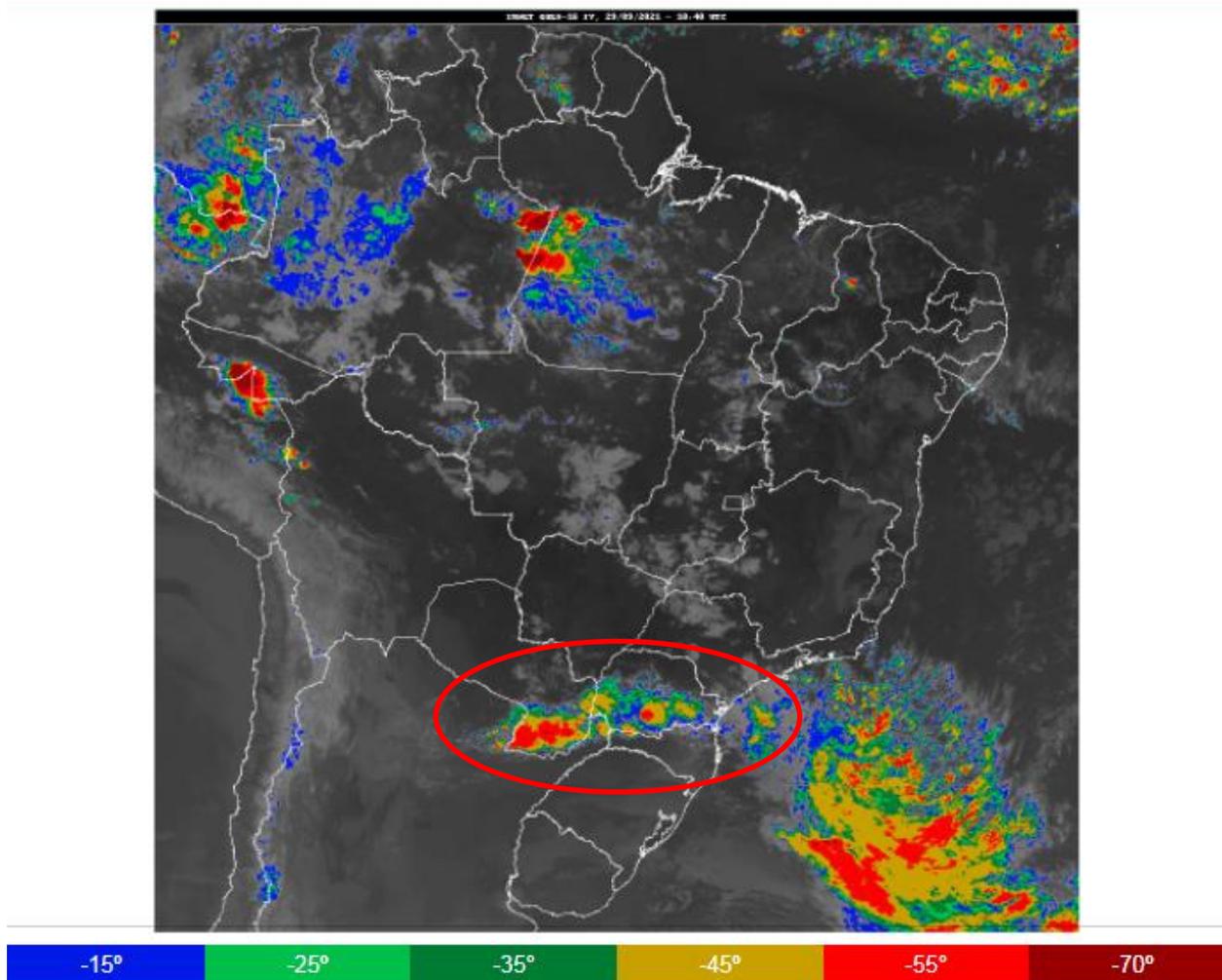
Chuva 30% ABAIXO da média



IIS6 observado (27 de setembro)



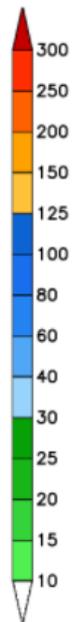
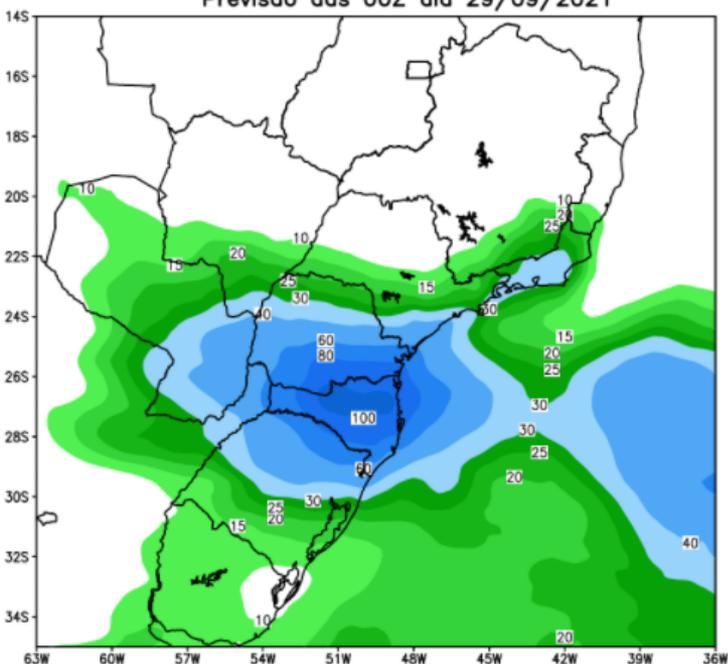
## Situação meteorológica atual



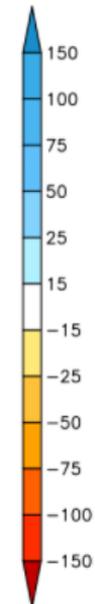
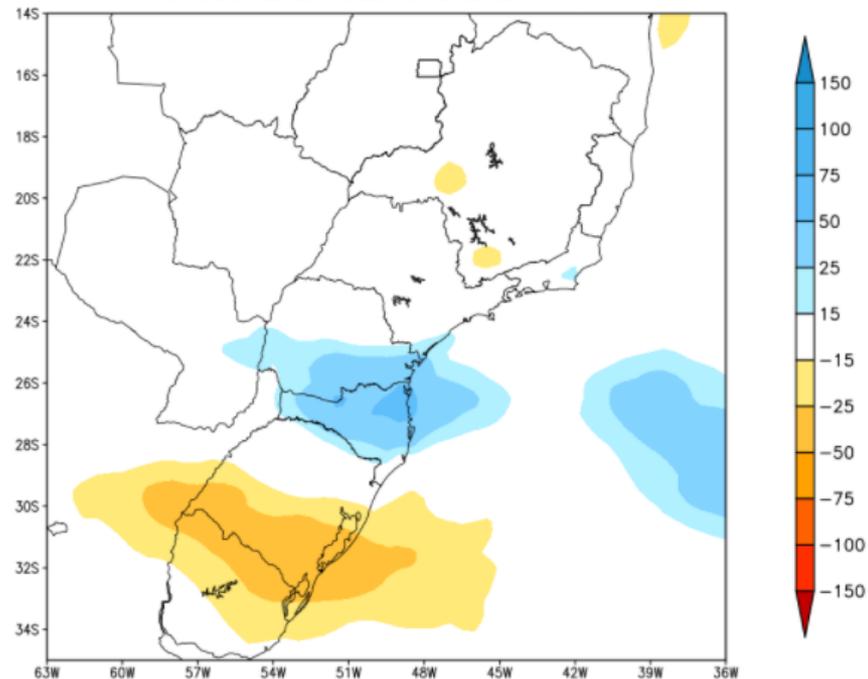
Fonte: INMET

# Previsão de chuva próximos 7 dias

GEFS / BRASIL\_SUL  
Precipitacao acumulada 1aSem (mm)  
Previsao das 00Z dia 29/09/2021



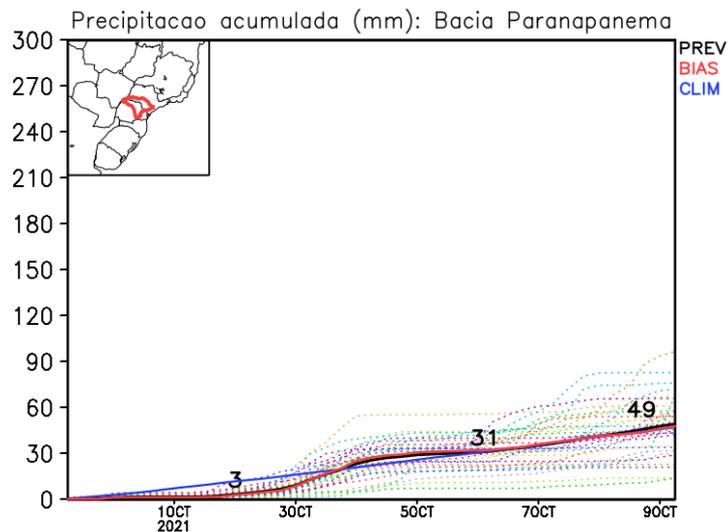
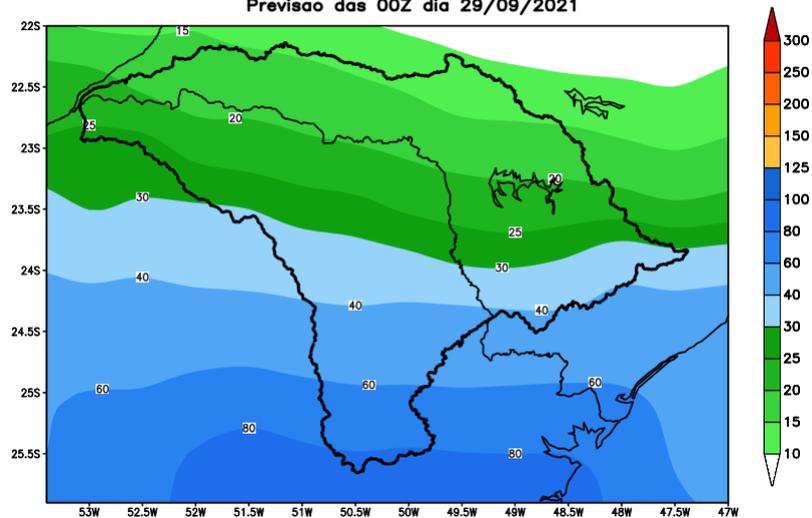
Anomalia de Precipitacao BR SUL (mm)  
Periodo: 2021092900 a 2021100600



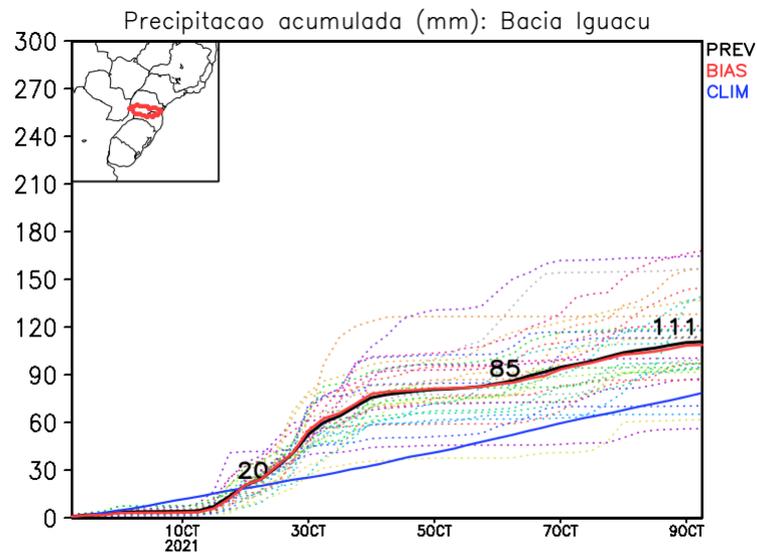
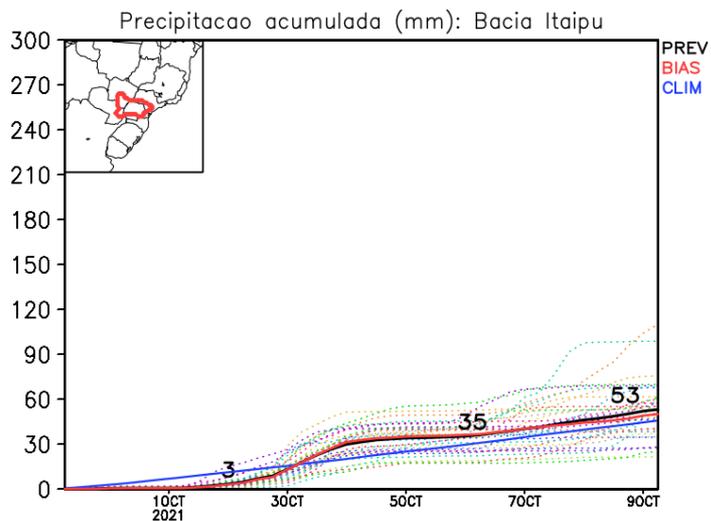
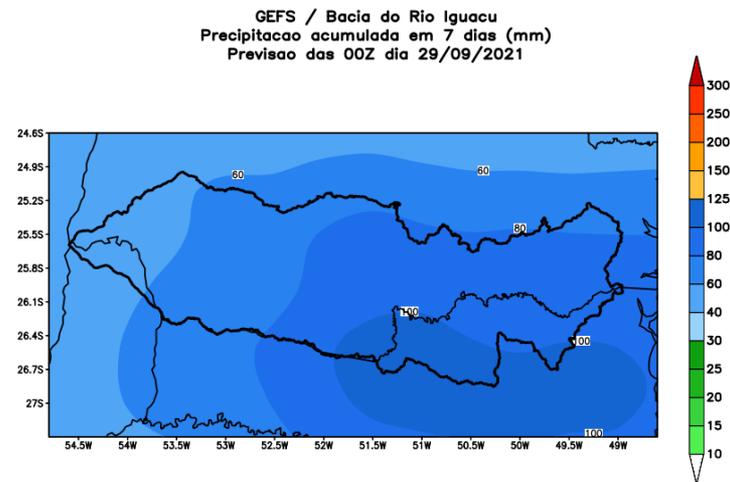
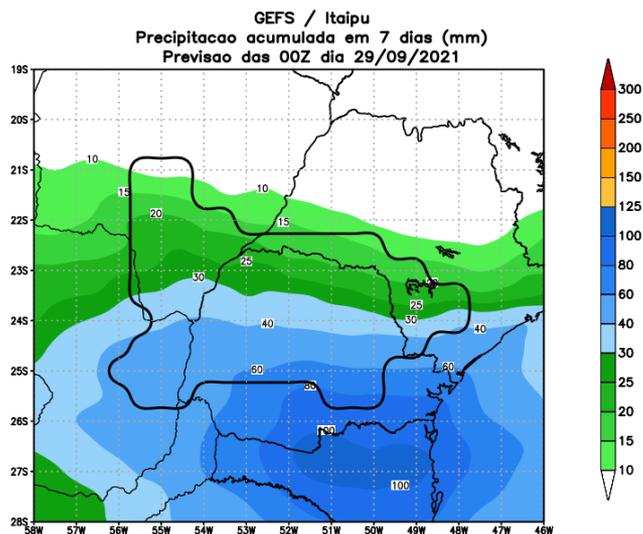
MODELO GEFS-NOAA

# Previsão para as principais bacias

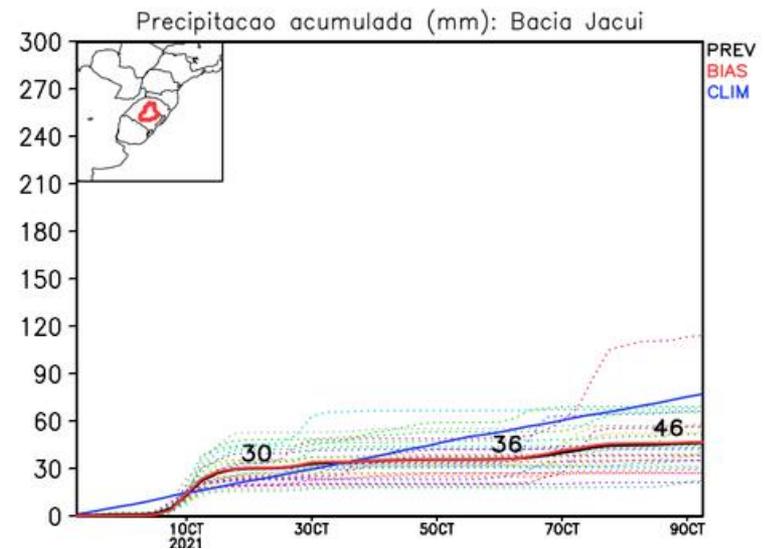
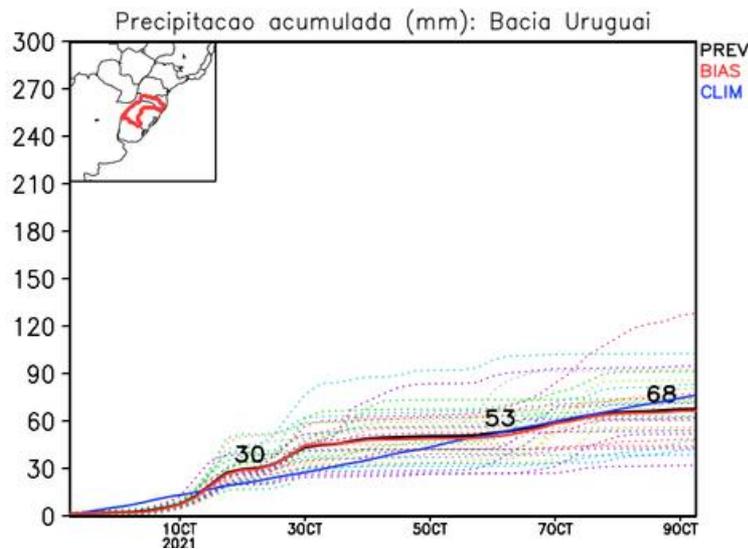
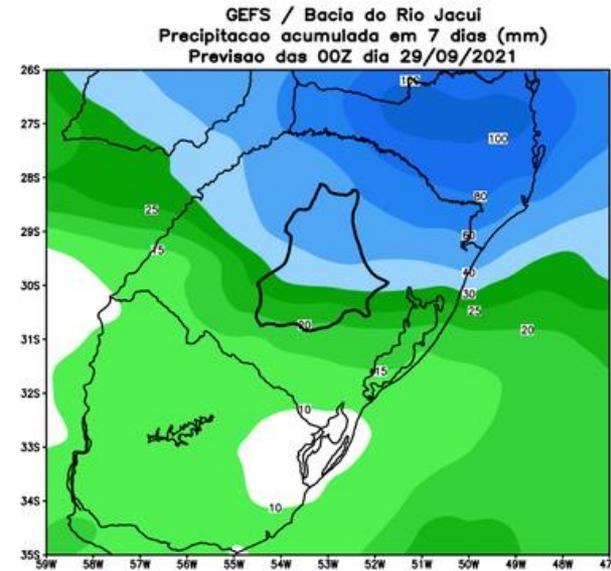
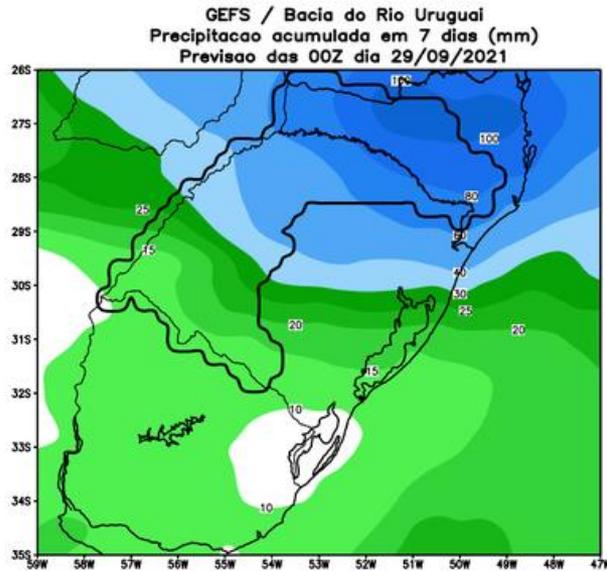
GEFS / Bacia do Rio Paranapanema  
Precipitação acumulada em 7 dias (mm)  
Previsão das 00Z dia 29/09/2021



# Previsão para as principais bacias

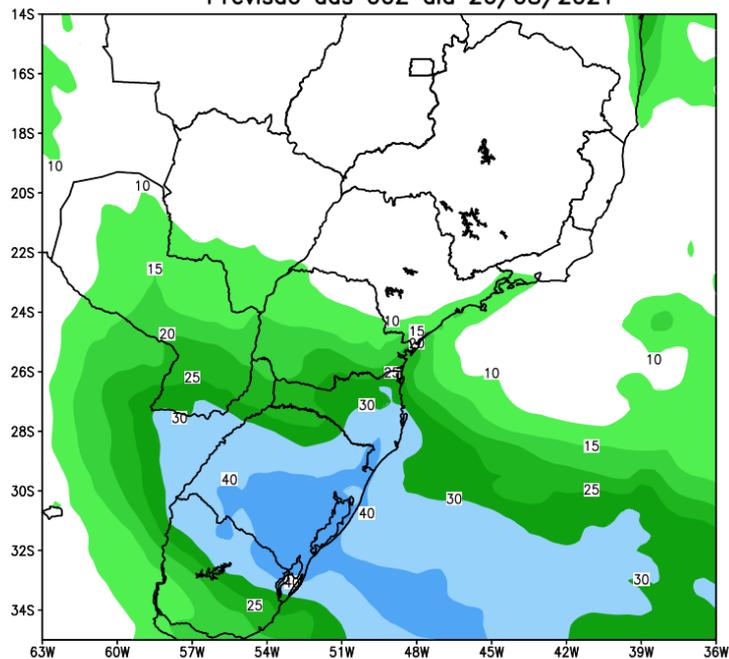


# Previsão para as principais bacias

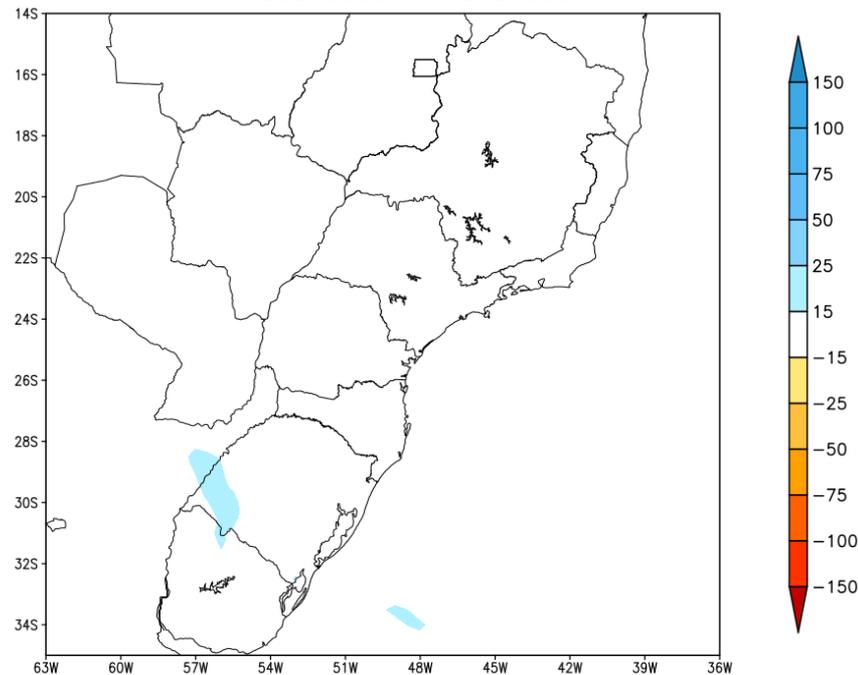


# Tendência para a segunda semana

GEFS / BRASIL\_SUL  
Precipitacao acumulada 2aSem (mm)  
Previsao das 00Z dia 26/08/2021



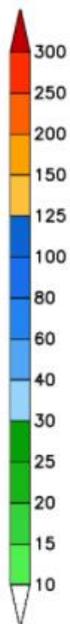
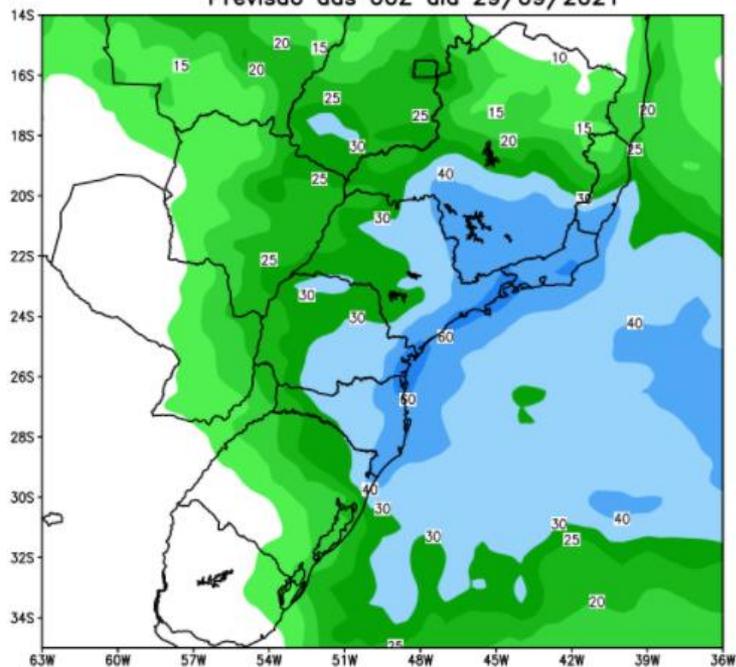
Anomalia de Precipitacao BR\_SUL (mm)  
Periodo: 2021090300 a 2021090900



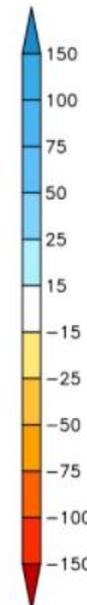
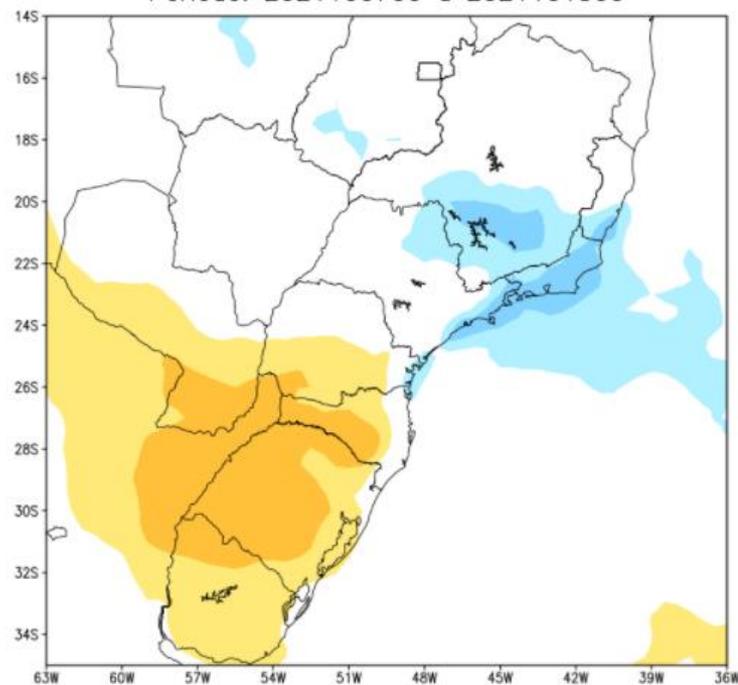
MODELO GFS

# Tendência para as duas próximas semanas

GEFS / BRASIL\_SUL  
Precipitação acumulada 2aSem (mm)  
Previsão das 00Z dia 29/09/2021



Anomalia de Precipitação BR\_SUL (mm)  
Período: 2021100700 a 2021101300

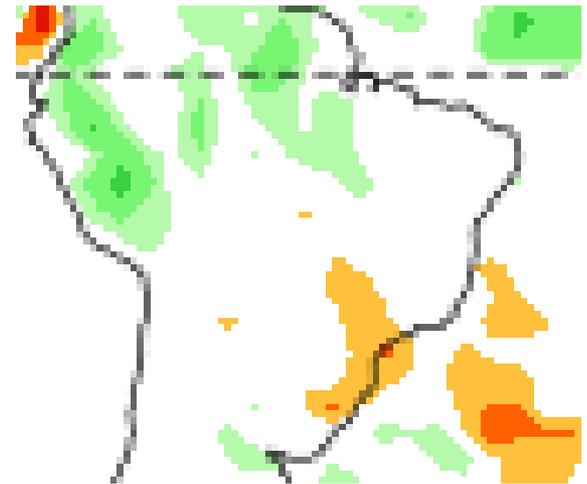
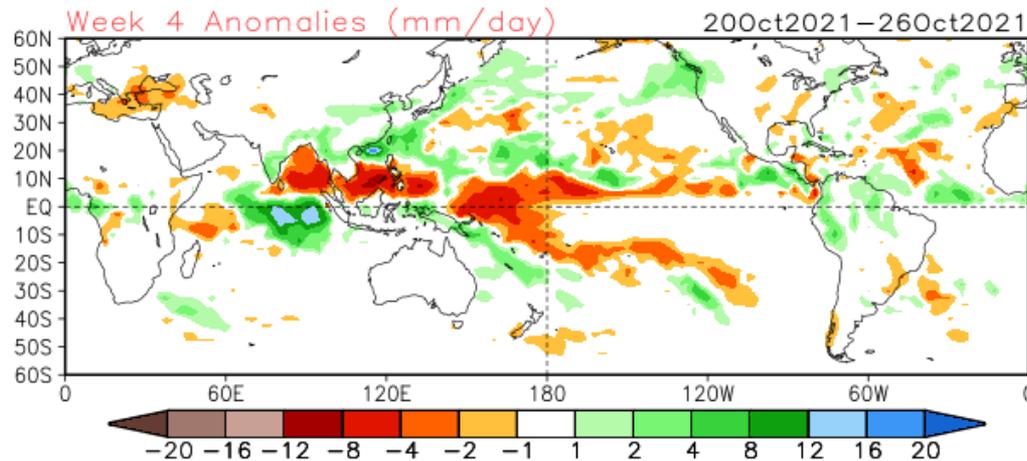
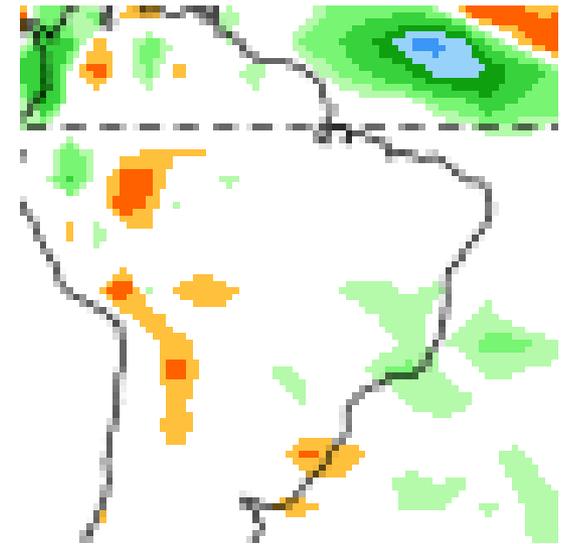
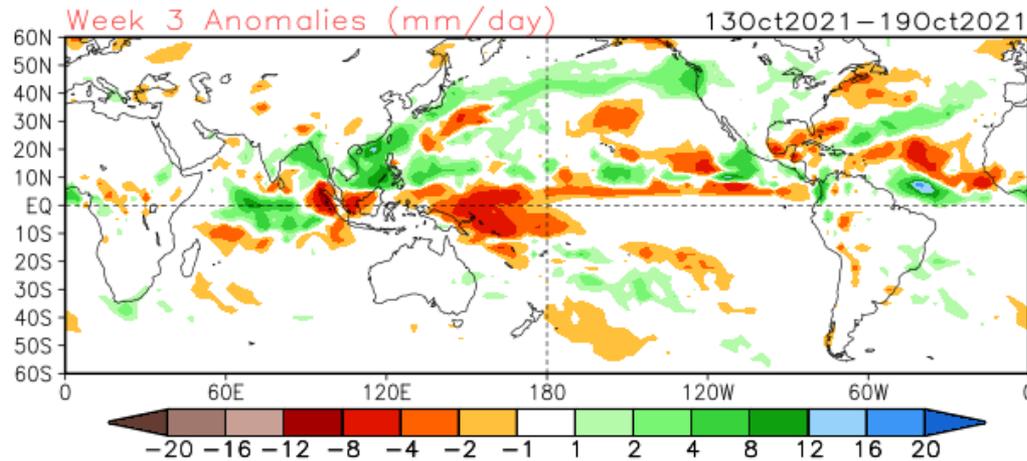


MODELO GFS

# Tendência 3a e 4a semanas

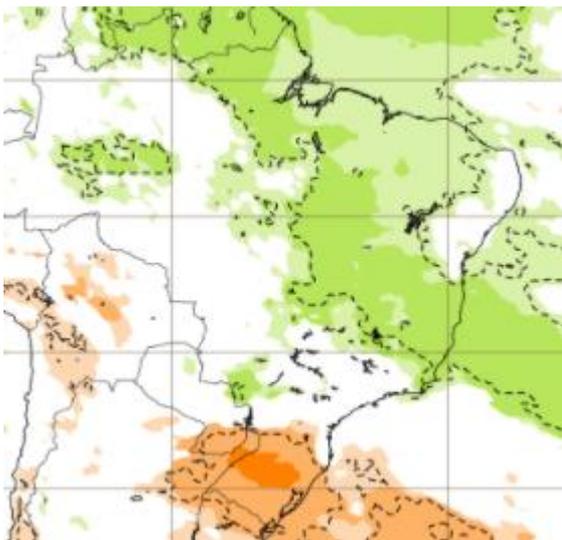
CFSv2 Weeks 3 & 4 Precipitation

16 Member Ensemble Mean Forecast from 28Sep2021

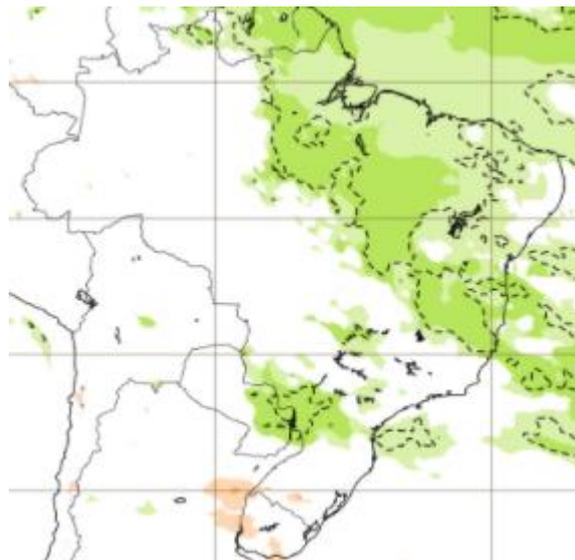


# Tendência para 3ª e 4ª semanas

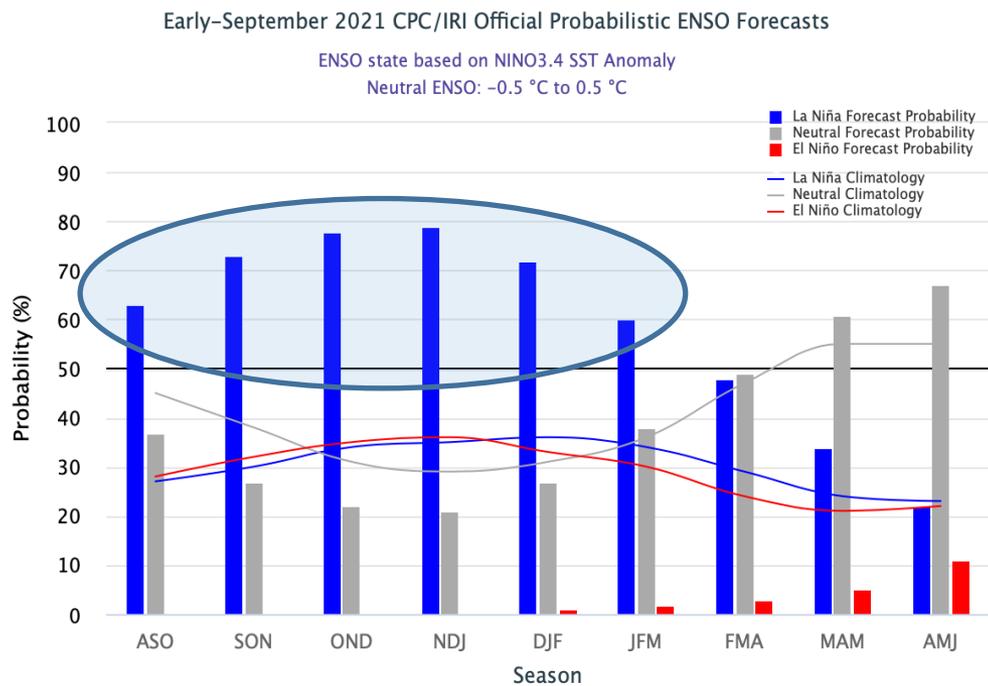
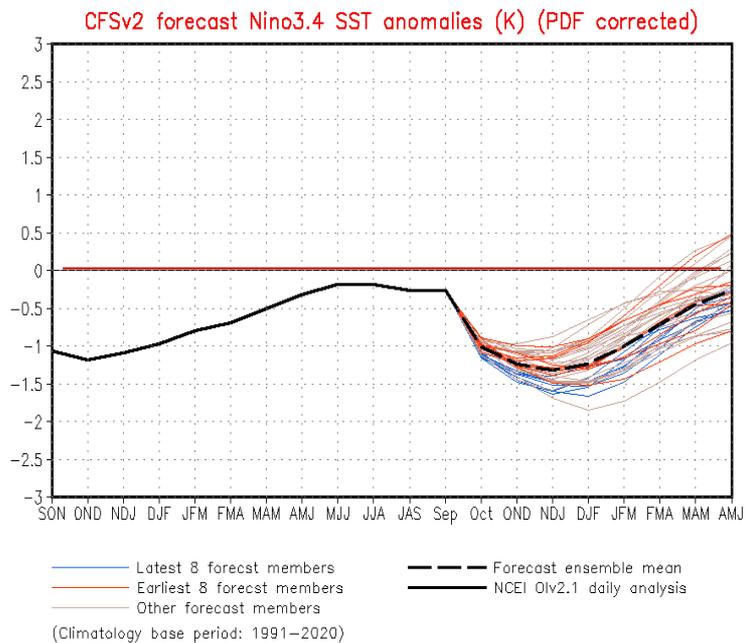
11-18/10



18-25/10



# Previsão do “La Niña”



ENSO Alert System Status: **La Niña Watch**

# Previsão Sazonal de chuva (OND)

