



PERSPECTIVAS CLIMÁTICAS PARA 2020/2021

OS EFEITOS DO LA NIÑA SOBRE AS SAFRAS

SETEMBRO/2020



- ✓ Fase fria no Pacífico equatorial se intensifica e deve continuar até o final do ano, inclusive com condições para configuração do La Niña;
- ✓ Porém, a Fase Fria/La Niña enfraquece a partir de janeiro de 2021;
- ✓ Cenário climático do Verão 2020/2021 análogo ao observado no verão 2005/2006;
- ✓ Reduz risco de tempestades severas sobre o Sul do Brasil durante a Primavera;
- ✓ Dificuldade para recuperação plena dos reservatórios (rios, açudes e barragens) nas lavouras de arroz do Rio Grande do Sul;
- ✓ Plantio das lavouras de verão do Sul do Brasil não devem ter problema de umidade. Porém, para o Verão/2021 mantém as condições de chuvas abaixo da média e risco de ocorrerem estiagens regionalizadas, principalmente no Rio Grande do Sul.



- ✓ Cenário climático favorável para a Safra de Verão/2021 nas regiões Sudeste, Centro-Oeste e Nordeste (MATOPIBA);
- ✓ Chuvas irregulares entre outubro e novembro marcam o período do plantio no Centro-Oeste. Aumenta risco de períodos chuvosos (invernadas) entre janeiro e fevereiro;
- ✓ Para a região do MATOPIBA chuvas se regularizam no decorrer de novembro e em dezembro. Chuvas diminuem em janeiro, mas diminui o risco de estiagem prolongadas. Período de chuvas vai até abril/2021;
- ✓ Para a Argentina e Paraguai, fase fria do Oceano Pacífico está associada a período de chuvas abaixo da média. Aumenta risco de estiagens durante os meses de verão.

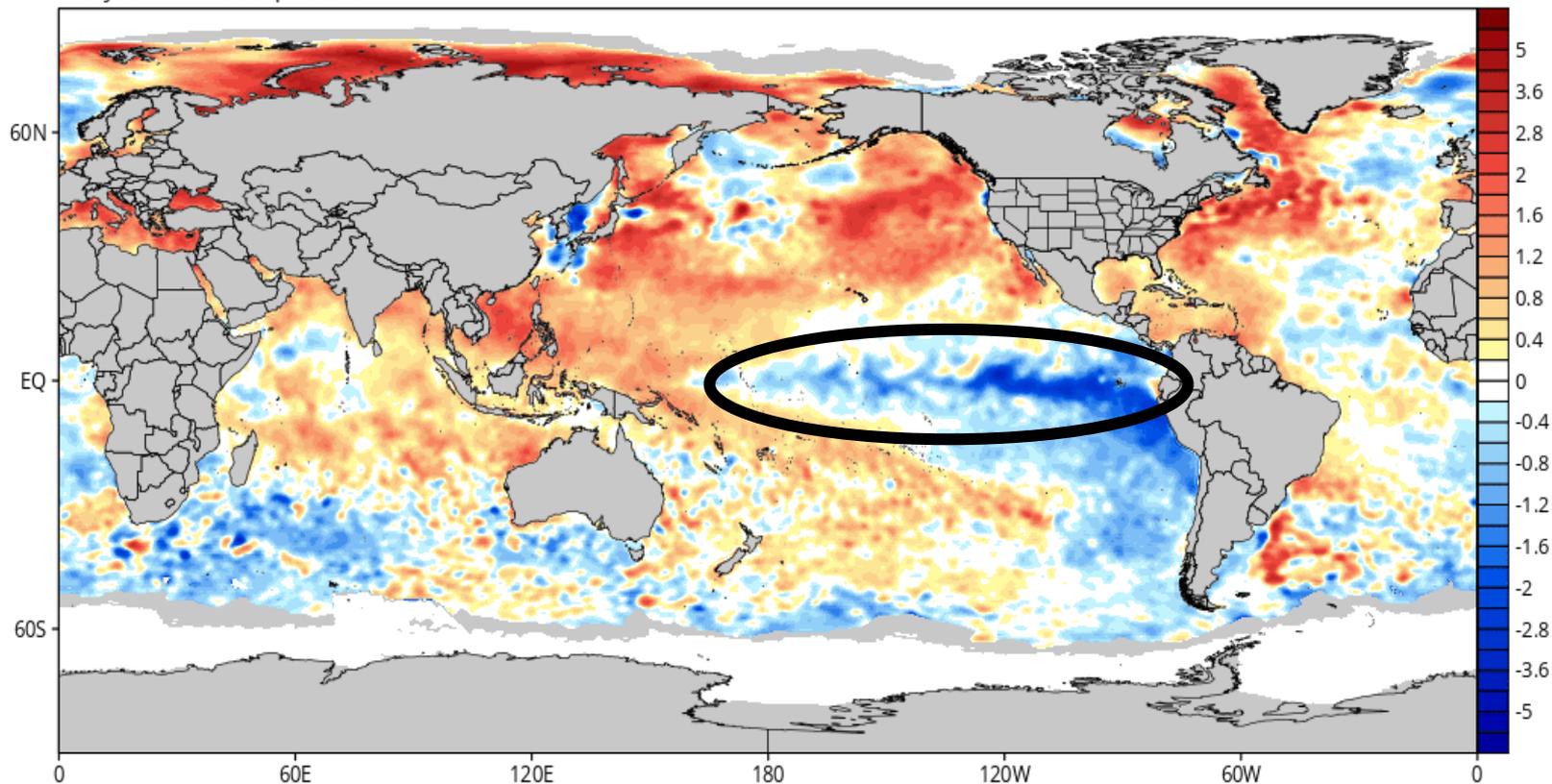
Fase fria se estende para a parte central do Pacífico Equatorial



CDAS Sea Surface Temperature Anomaly (°C) (based on CFSR 1981-2010 Climatology)

Analysis Time: 00z Sep 15 2020

TROPICALTIDBITS.COM



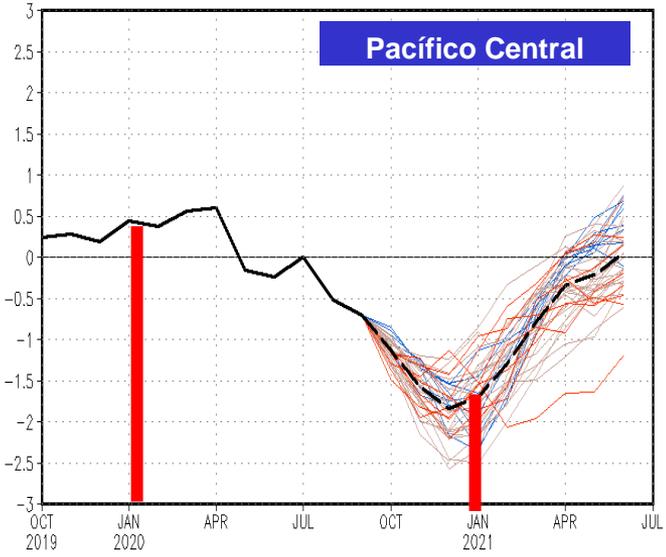
Pacífico equatorial: Fase fria enfraquece a partir de janeiro/2021



NWS/NCEP/CPC

Last update: Tue Sep 15 2020
Initial conditions: 4Sep2020-13Sep2020

CFSv2 forecast Nino3.4 SST anomalies (K)



— Latest 8 forecast members
— Earliest 8 forecast members
— Other forecast members
— Forecast ensemble mean
— NCEP NSST daily analysis

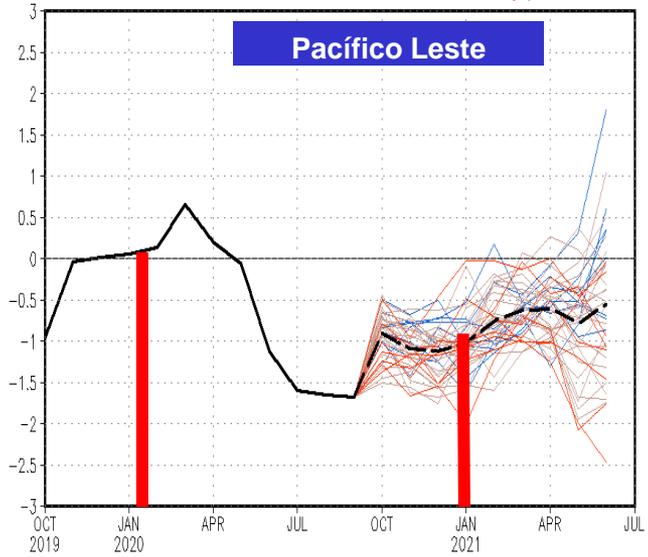
(Model bias correct base period: 1999-2010; Climatology base period: 1982-2010)



NWS/NCEP/CPC

Last update: Tue Sep 15 2020
Initial conditions: 4Sep2020-13Sep2020

CFSv2 forecast Nino1+2 SST anomalies (K)



— Latest 8 forecast members
— Earliest 8 forecast members
— Other forecast members
— Forecast ensemble mean
— NCEP NSST daily analysis

(Model bias correct base period: 1999-2010; Climatology base period: 1982-2010)

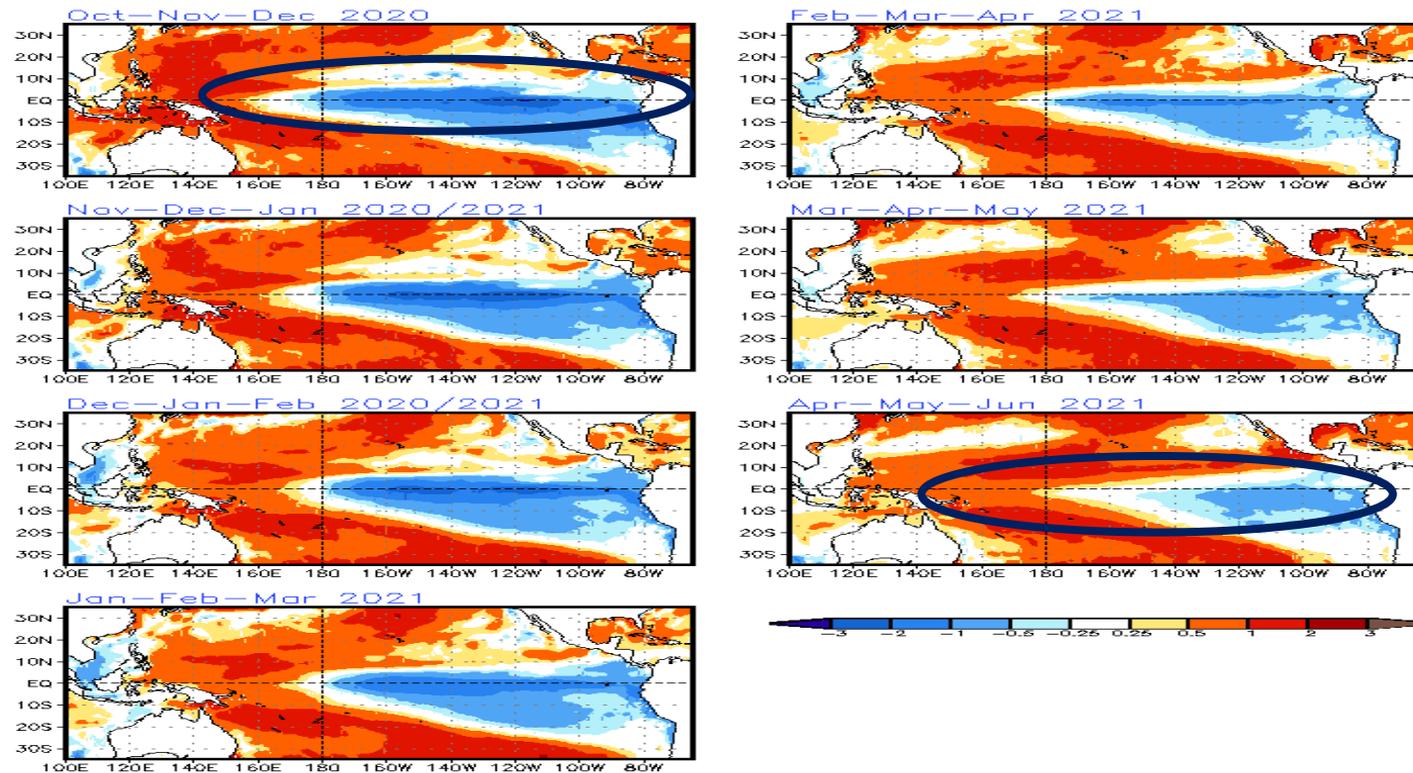
Fase Fria NÃO deve perdurar em 2021



NWS/NCEP/CPC

Initial conditions: 4Sep2020–13Sep2020
Last update: Tue Sep 15 2020

CFSv2 seasonal SST (K)

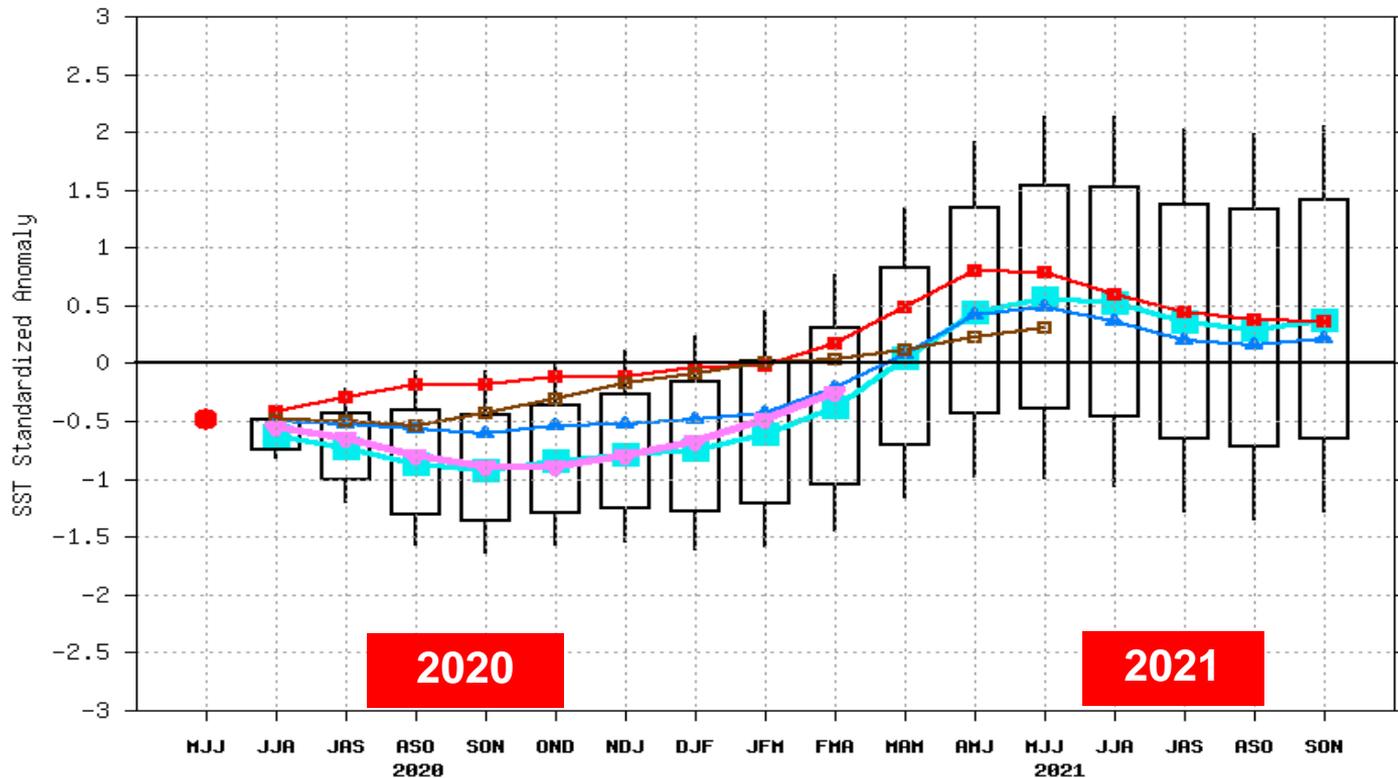


(Model bias correction base period: 1999–2010; Climatology base period: 1982–2010)

NOAA: Previsão TSM 2020/2021 (Anomalia)



SST CONSOLIDATION NINO 3.4



- CON
- CA
- CCA
- MKV
- CFS
- CFSv2
- OBS

ISSUED: 10 AUG 2020

2020/21 análogo a 2005/06



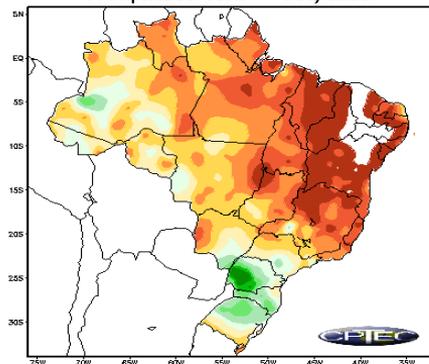
Year	DJF	JFM	FMA	MAM	AMJ	MJJ	JJA	JAS	ASO	SON	OND	NDJ
2000	-1.7	-1.4	-1.1	-0.8	-0.7	-0.6	-0.6	-0.5	-0.5	-0.6	-0.7	-0.7
2001	-0.7	-0.5	-0.4	-0.3	-0.3	-0.1	-0.1	-0.1	-0.2	-0.3	-0.3	-0.3
2002	-0.1	0.0	0.1	0.2	0.4	0.7	0.8	0.9	1.0	1.2	1.3	1.1
2003	0.9	0.6	0.4	0.0	-0.3	-0.2	0.1	0.2	0.3	0.3	0.4	0.4
2004	0.4	0.3	0.2	0.2	0.2	0.3	0.5	0.6	0.7	0.7	0.7	0.7
2005	0.6	0.6	0.4	0.4	0.3	0.1	-0.1	-0.1	-0.1	-0.3	-0.6	-0.8
2006	-0.8	-0.7	-0.5	-0.3	0.0	0.0	0.1	0.3	0.5	0.7	0.9	0.9
2007	0.7	0.3	0.0	-0.2	-0.3	-0.4	-0.5	-0.8	-1.1	-1.4	-1.5	-1.6
2008	-1.6	-1.4	-1.2	-0.9	-0.8	-0.5	-0.4	-0.3	-0.3	-0.4	-0.6	-0.7
2009	-0.8	-0.7	-0.5	-0.2	0.1	0.4	0.5	0.5	0.7	1.0	1.3	1.6
Year	DJF	JFM	FMA	MAM	AMJ	MJJ	JJA	JAS	ASO	SON	OND	NDJ
2010	1.5	1.3	0.9	0.4	-0.1	-0.6	-1.0	-1.4	-1.6	-1.7	-1.7	-1.6
2011	-1.4	-1.1	-0.8	-0.6	-0.5	-0.4	-0.5	-0.7	-0.9	-1.1	-1.1	-1.0
2012	-0.8	-0.6	-0.5	-0.4	-0.2	0.1	0.3	0.3	0.3	0.2	0.0	-0.2
2013	-0.4	-0.3	-0.2	-0.2	-0.3	-0.3	-0.4	-0.4	-0.3	-0.2	-0.2	-0.3
2014	-0.4	-0.4	-0.2	0.1	0.3	0.2	0.1	0.0	0.2	0.4	0.6	0.7
2015	0.6	0.6	0.6	0.8	1.0	1.2	1.5	1.8	2.1	2.4	2.5	2.6
2016	2.5	2.2	1.7	1.0	0.5	0.0	-0.3	-0.6	-0.7	-0.7	-0.7	-0.6
2017	-0.3	-0.1	0.1	0.3	0.4	0.4	0.2	-0.1	-0.4	-0.7	-0.9	-1.0
2018	-0.9	-0.8	-0.6	-0.4	-0.1	0.1	0.1	0.2	0.4	0.7	0.9	0.8
2019	0.8	0.8	0.8	0.7	0.6	0.5	0.3	0.1	0.1	0.3	0.5	0.5
Year	DJF	JFM	FMA	MAM	AMJ	MJJ	JJA	JAS	ASO	SON	OND	NDJ
2020	0.5	0.6	0.5	0.3	0.0	-0.2	-0.4					

CHUVA MENSAL: 2005 - 2006



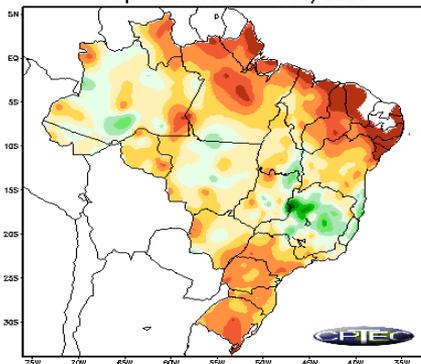
Data de última atualização: 09/11/2005

Precipitação Total - OUT/2005



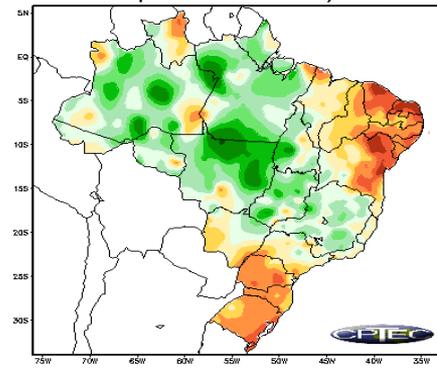
Data de última atualização: 09/12/2005

Precipitação Total - NOV/2005



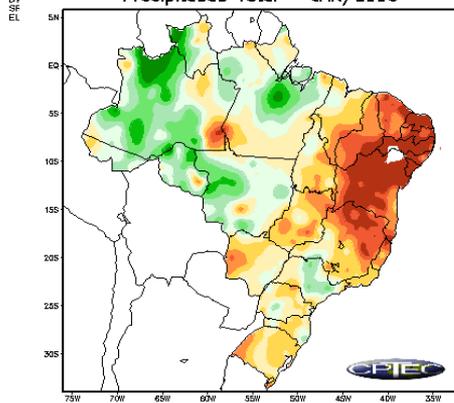
Data de última atualização: 04/01/2006

Precipitação Total - DEZ/2005



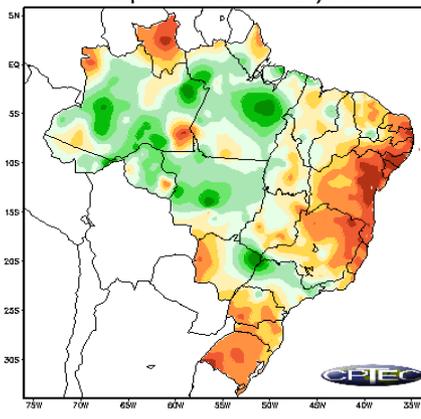
Data de última atualização: 02/02/2006

Precipitação Total - JAN/2006



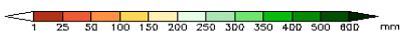
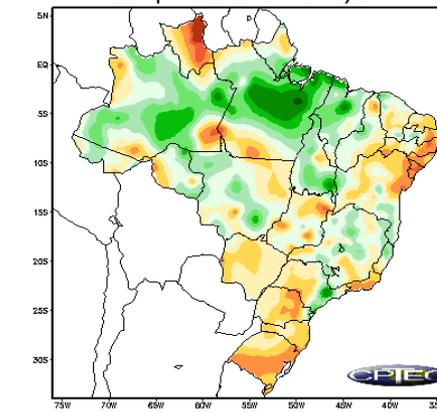
Data de última atualização: 03/03/2006

Precipitação Total - FEV/2006

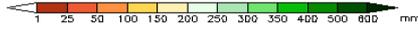


Data de última atualização: 03/04/2006

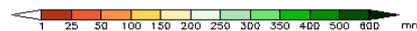
Precipitação Total - MAR/2006



Fontes de dados: CPTEC/INPE-INMET-FUNCEME/CE-LMRS/PB-EMPARN/RN
DMRH/PE-FEPAGRO/RS-CHESF-COMET/RJ-DHNE/PI-CEPES/SE-NMRH/AL
SRW/BA-DEMIG/SINGE/MG-SEAG/ES-SIMEPAR/PR-CLIMERH/SC-IAC/SP
ELDER/GO



Fontes de dados: CPTEC/INPE-INMET-FUNCEME/CE-LMRS/PB-EMPARN/RN
DMRH/PE-FEPAGRO/RS-CHESF-COMET/RJ-DHNE/PI-CEPES/SE-NMRH/AL
SRW/BA-DEMIG/SINGE/MG-SEAG/ES-SIMEPAR/PR-CLIMERH/SC-IAC/SP
ELDER/GO



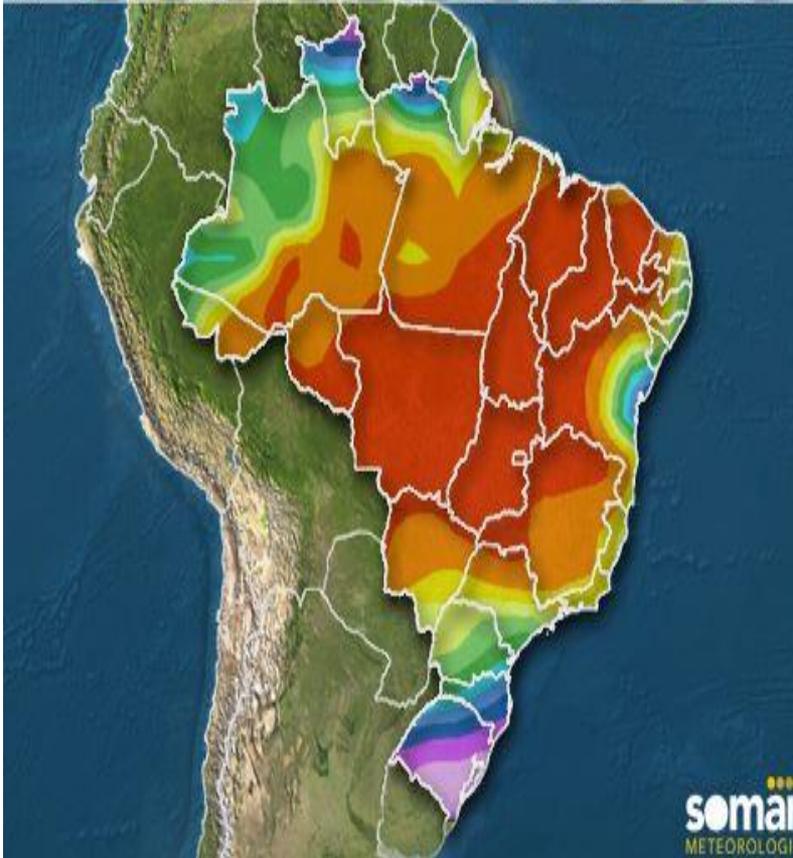
Fontes de dados: CPTEC/INPE-INMET-FUNCEME/CE-LMRS/PB-EMPARN/RN
DMRH/PE-FEPAGRO/RS-CHESF-COMET/RJ-DHNE/PI-CEPES/SE-NMRH/AL
SRW/BA-DEMIG/SINGE/MG-SEAG/ES-SIMEPAR/PR-CLIMERH/SC-IAC/SP
ELDER/GO

Umidade do Solo: Pico extremo do Período Seco



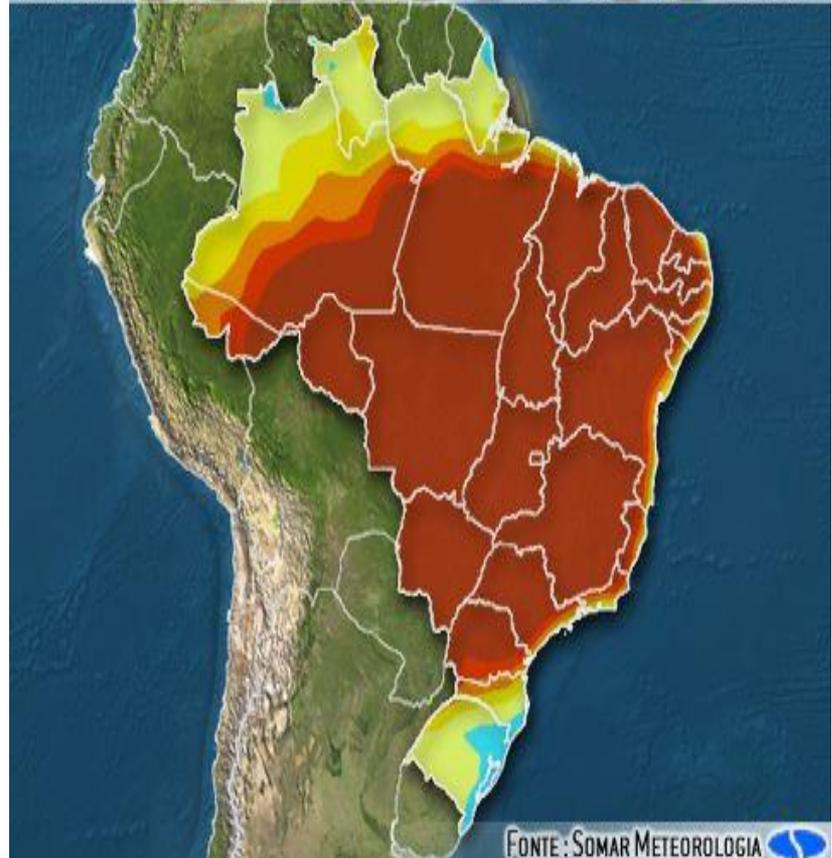
ÁGUA DISPONÍVEL NO SOLO 15/09/20

[%] 0 10 20 30 40 50 60 70 80 90 100



CAPACIDADE HÍDRICA DO SOLO 15/09/20

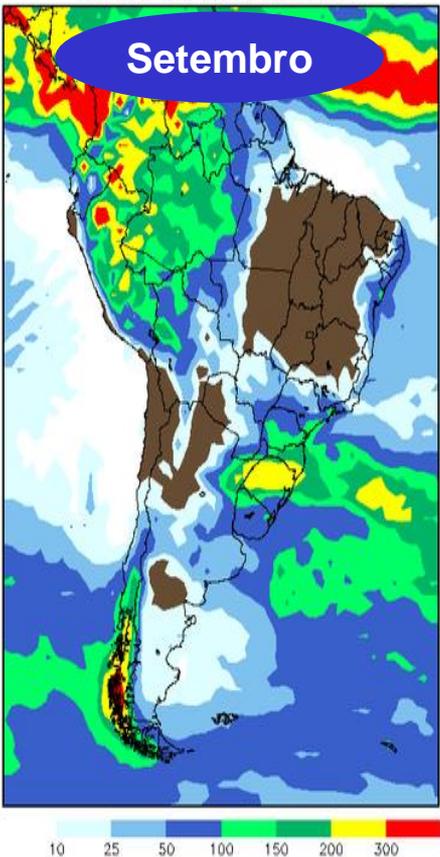
[%] SECO 10 20 30 40 50 60 70 80 90 ÚMIDO



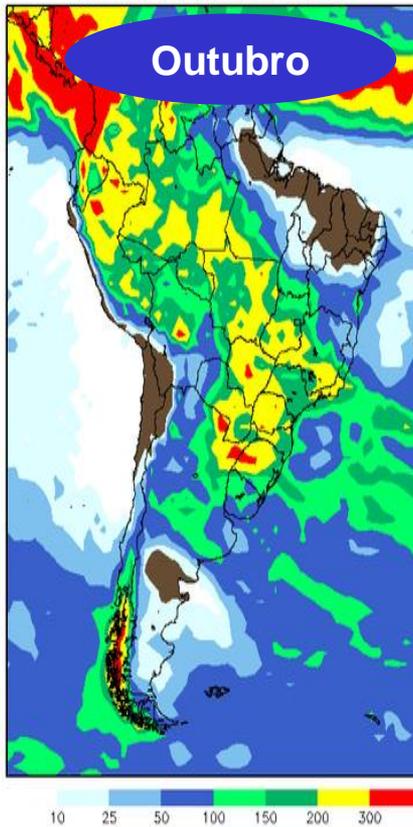
Previsão Chuva Mensal (Centro Europeu)



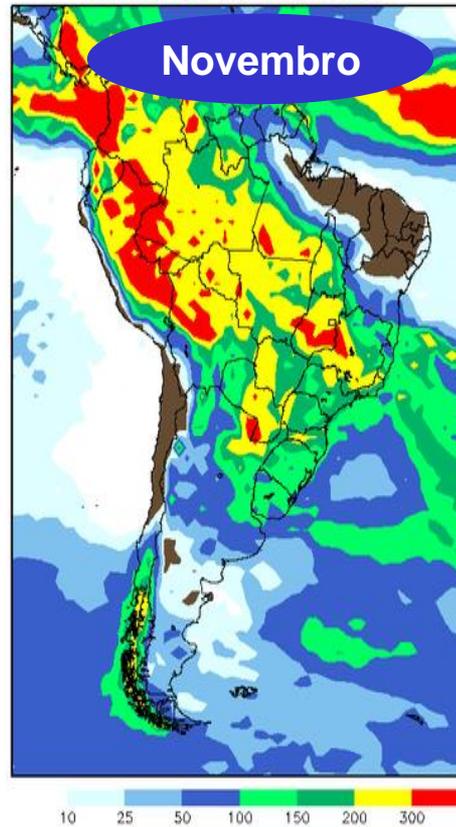
Precipitacao Mensal 09/2020 (mm)
Rodada de: 2020/09 ECMWF



Precipitacao Mensal 10/2020 (mm)
Rodada de: 2020/09 ECMWF

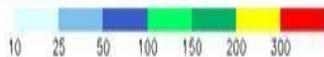
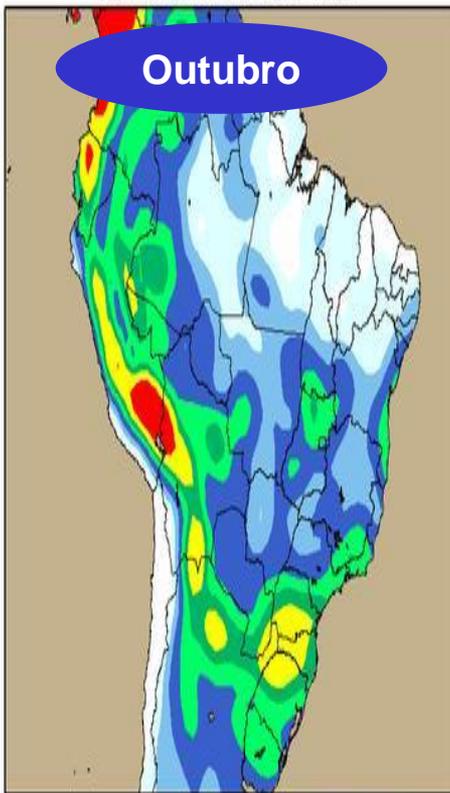


Precipitacao Mensal 11/2020 (mm)
Rodada de: 2020/09 ECMWF

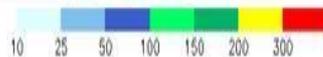
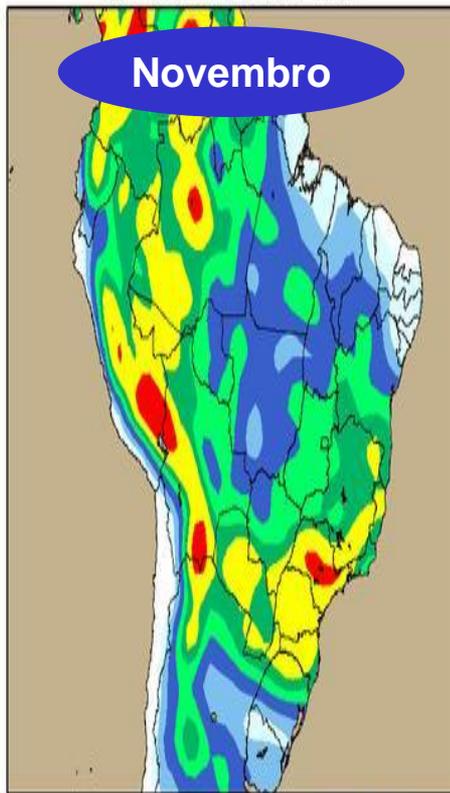




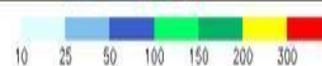
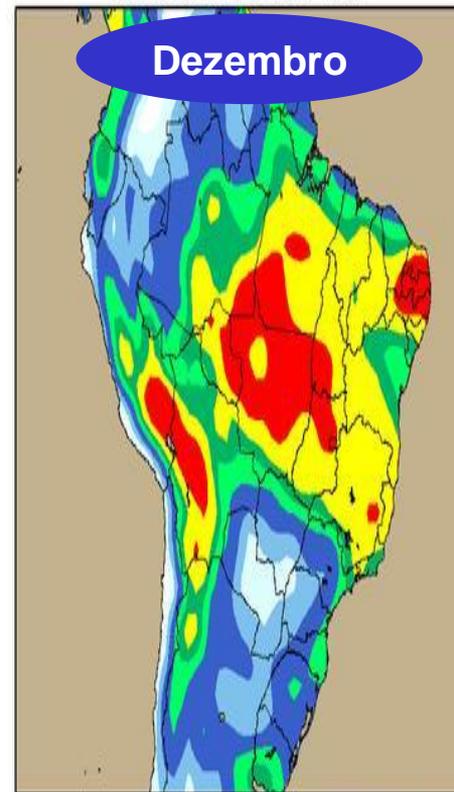
Precipitação Mensal Acumulada (mm) em 10/2020
Rodada de: 14/09/2020 CFSv2



Precipitação Mensal Acumulada (mm) em 11/2020
Rodada de: 14/09/2020 CFSv2



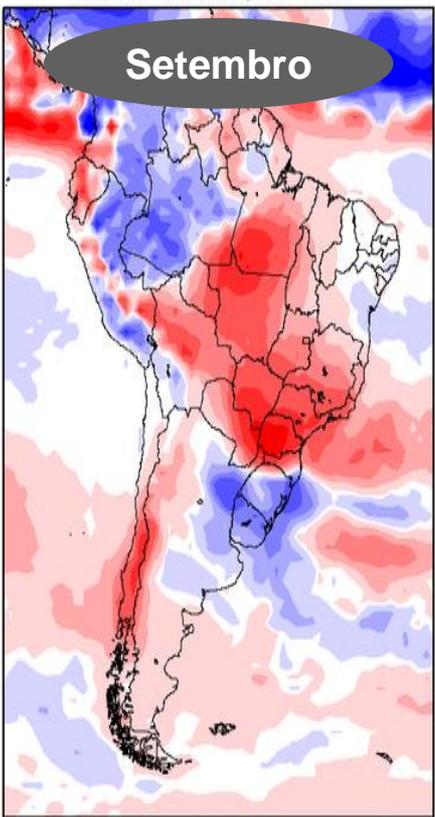
Precipitação Mensal Acumulada (mm) em 12/2020
Rodada de: 14/09/2020 CFSv2



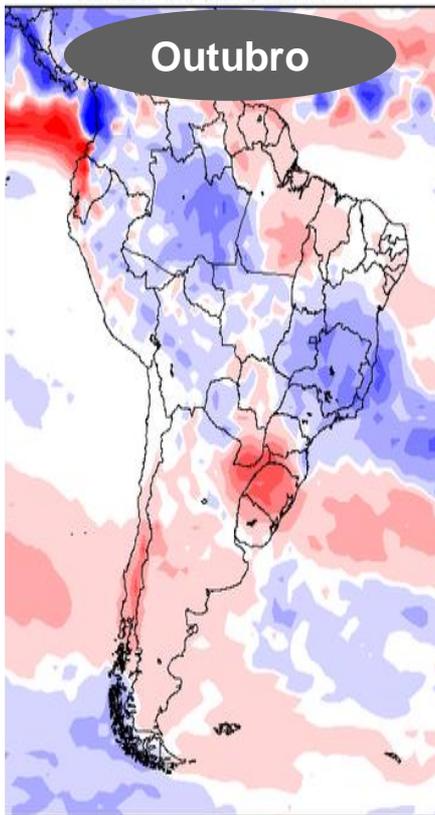
Previsão Anomalia de Chuva Mensal (Centro Europeu)



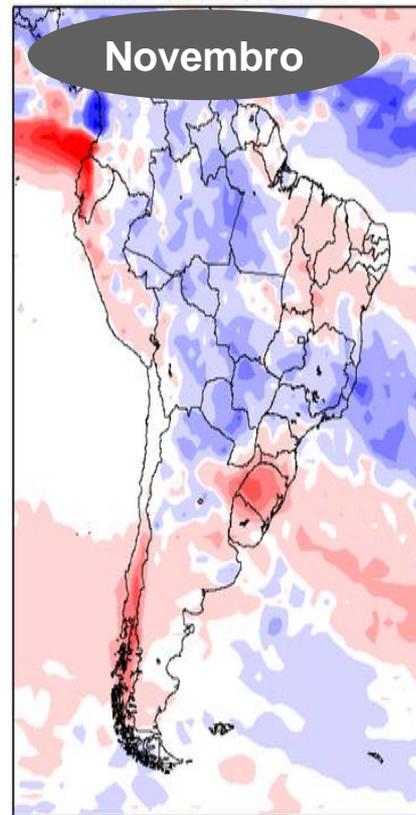
Anomalia Precipitacao Mensal 09/2020 (mm)
Rodada de: 2020/09 ECMWF



Anomalia Precipitacao Mensal 10/2020 (mm)
Rodada de: 2020/09 ECMWF

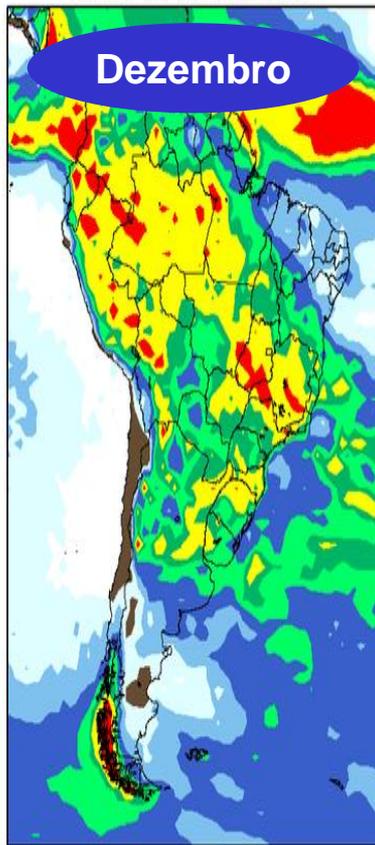


Anomalia Precipitacao Mensal 11/2020 (mm)
Rodada de: 2020/09 ECMWF



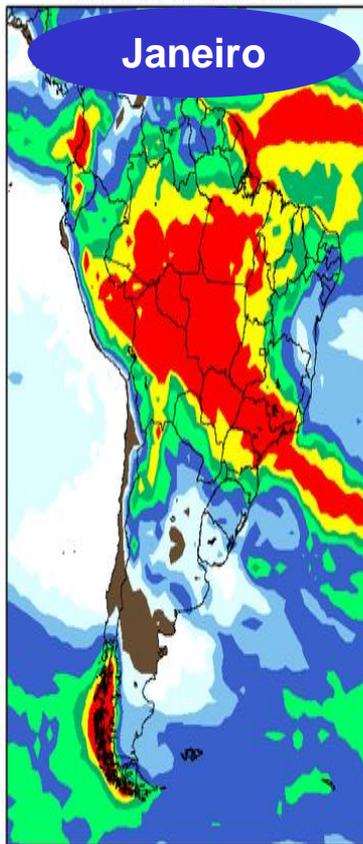
Previsão Chuva Mensal (Centro Europeu)

Precipitacao Mensal 12/2020 (mm)
Rodada de: 2020/09 ECMWF



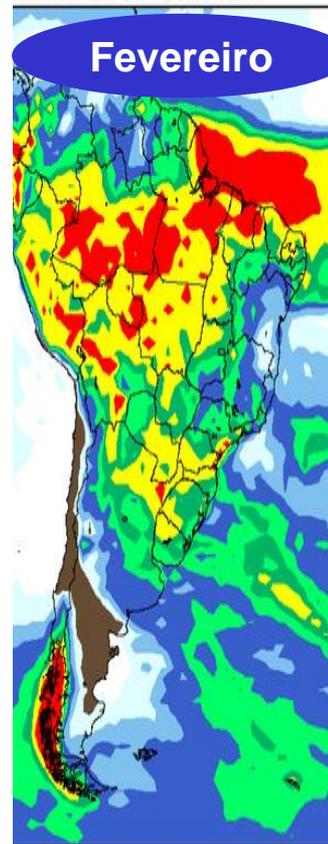
10 25 50 100 150 200 300

Precipitacao Mensal 01/2021 (mm)
Rodada de: 2020/09 ECMWF



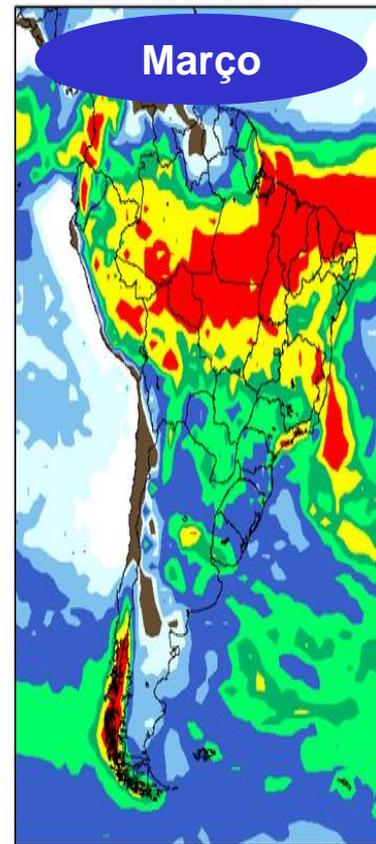
10 25 50 100 150 200 300

Precipitacao Mensal 02/2021 (mm)
Rodada de: 2020/09 ECMWF



25 50 100 150 200 300

Precipitacao Mensal 03/2021 (mm)
Rodada de: 2020/09 ECMWF

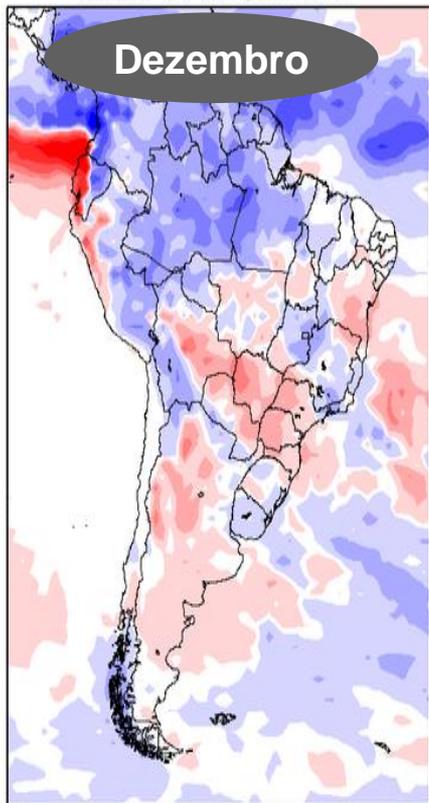


10 25 50 100 150 200 300

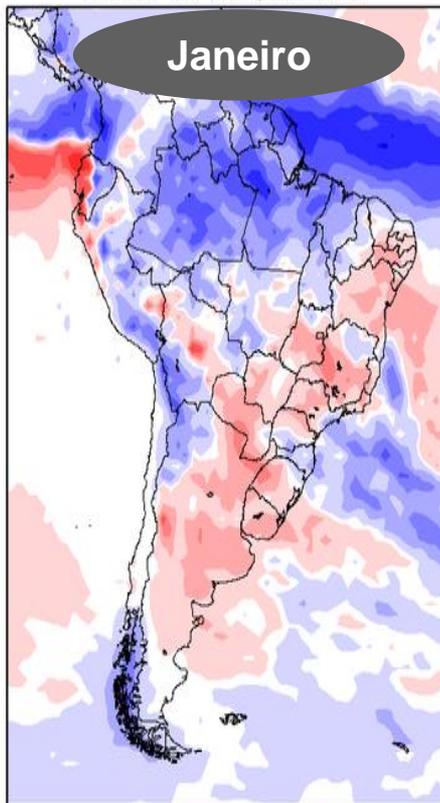
Previsão Anomalia de Chuva Mensal (Centro Europeu)



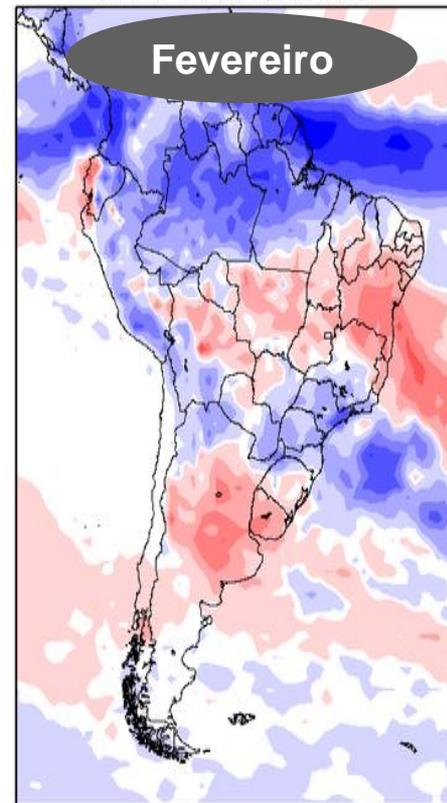
Anomalia Precipitacao Mensal 12/2020 (mm)
Rodada de: 2020/09 ECMWF



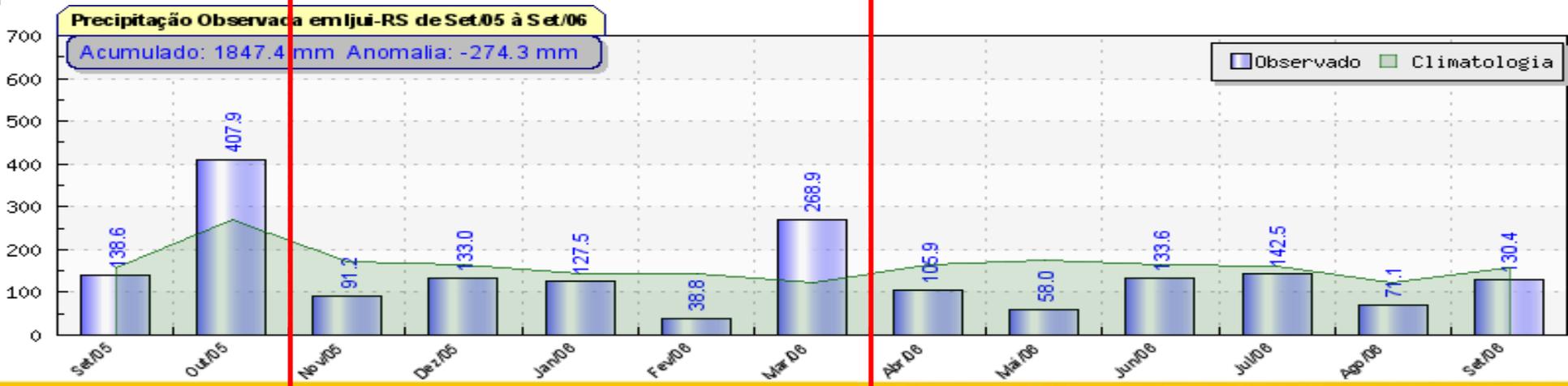
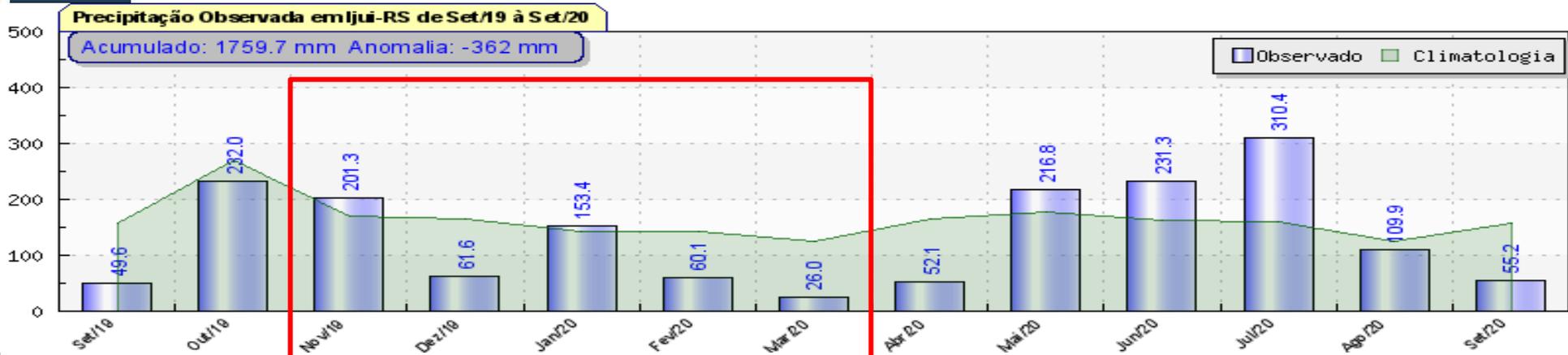
Anomalia Precipitacao Mensal 01/2021 (mm)
Rodada de: 2020/09 ECMWF



Anomalia Precipitacao Mensal 02/2021 (mm)
Rodada de: 2020/09 ECMWF



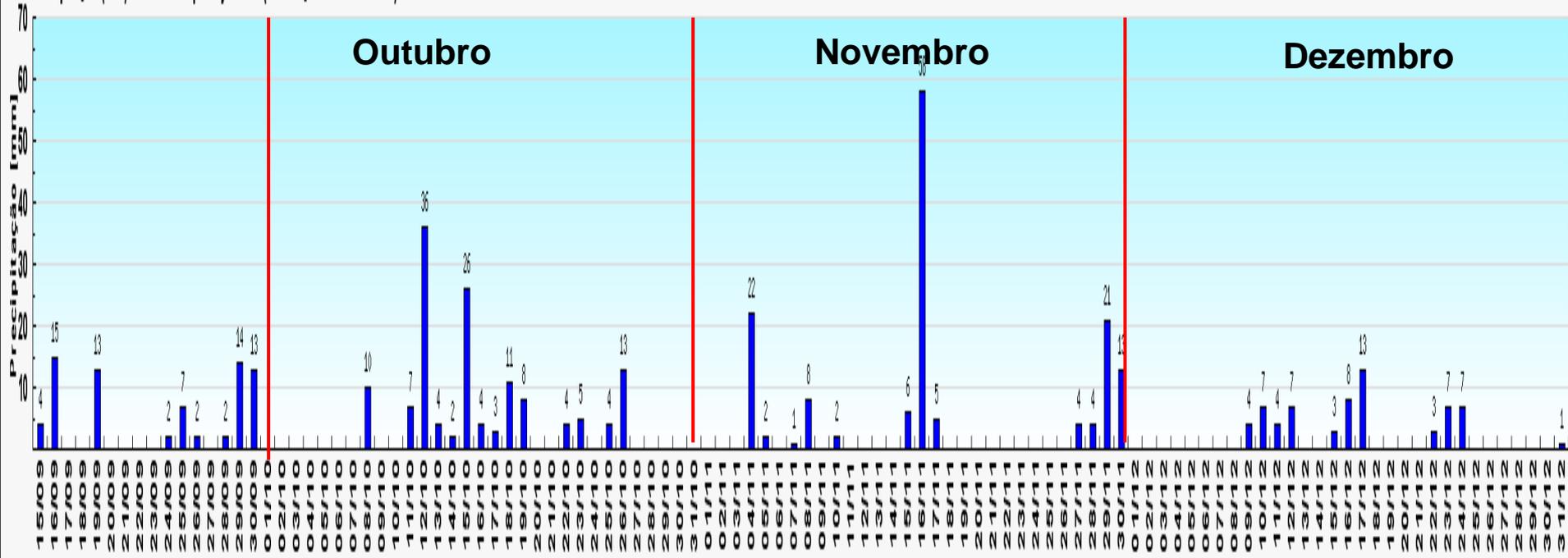
IJUI - RS: Chuva Safra 2019/2020 x Safra 2005/2006



IJUI - RS: Setembro a Dezembro/2020

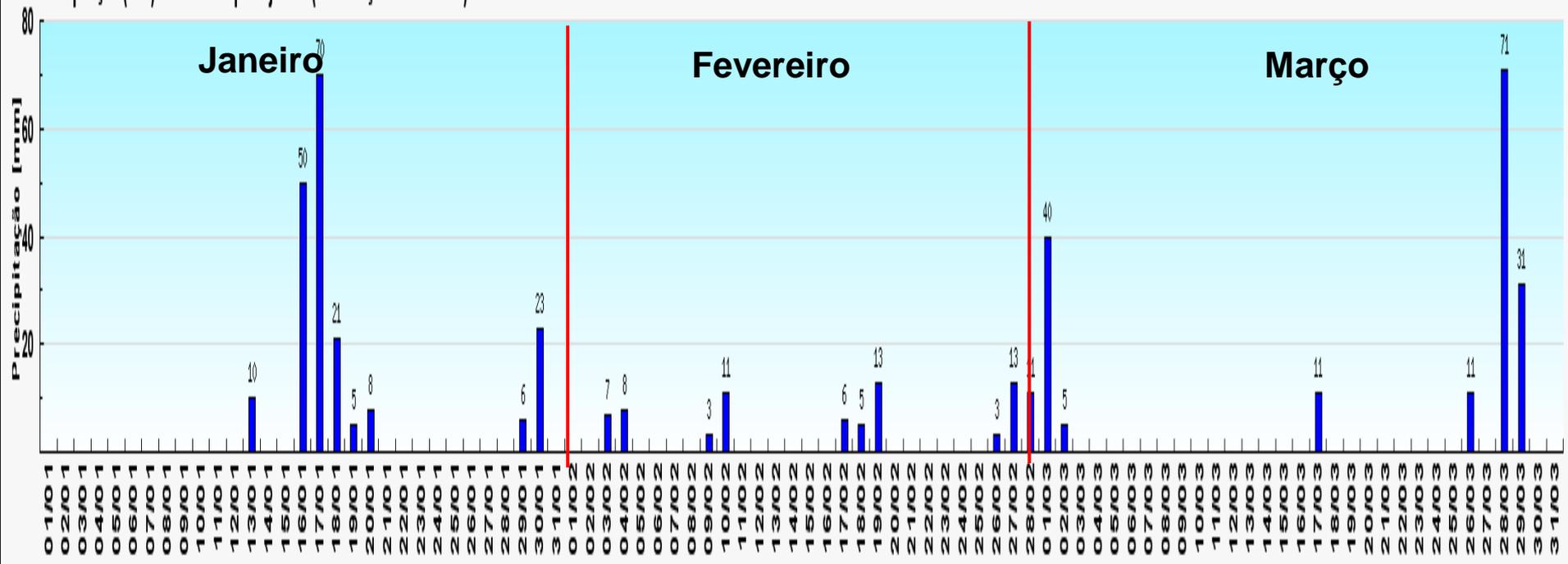


Precipitação (mm) Acumulada para Ijuí - RS (Simulação de 13/09/2020)





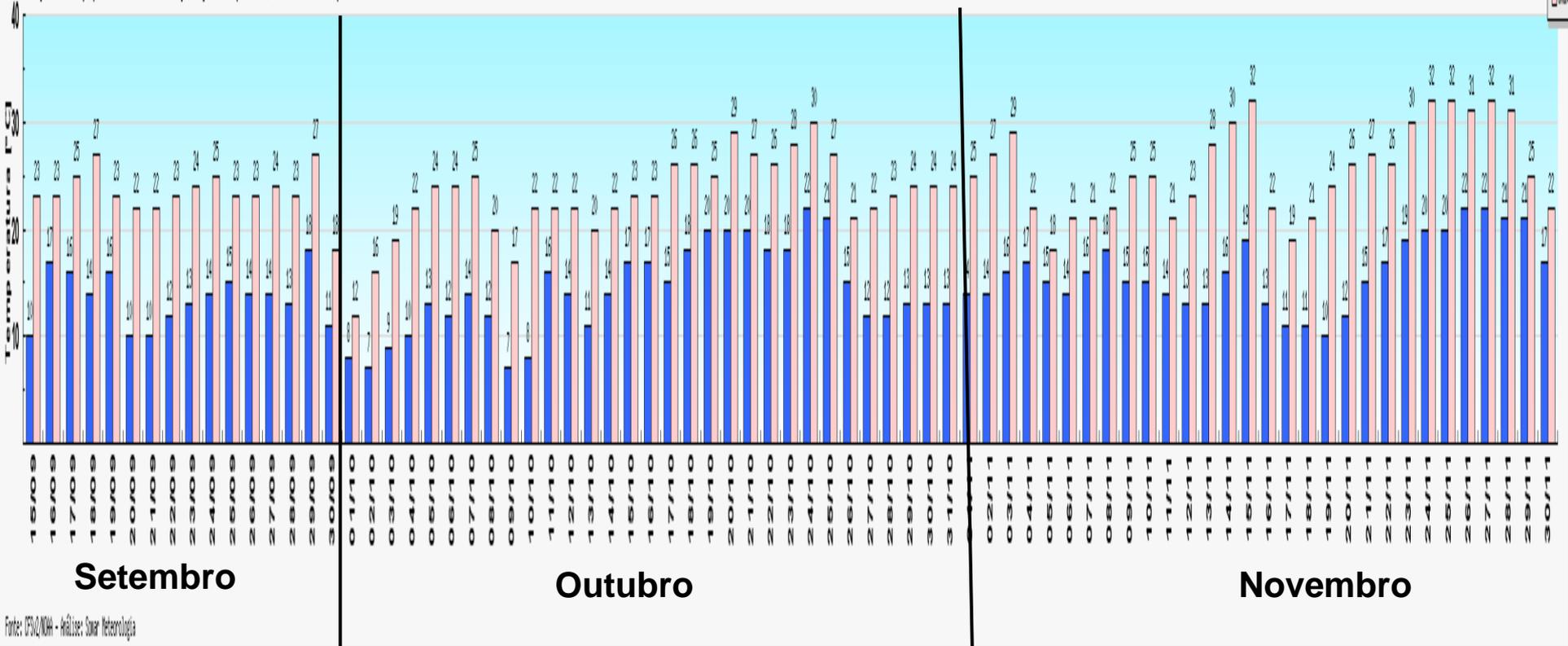
Precipitação (mm) Acumulada para Ijuí-RS (Atualização: 13/09/2020)



Fonte: CFSv2/NOAA (Últimas 15 simulações) - Análise: Somar Meteorologia

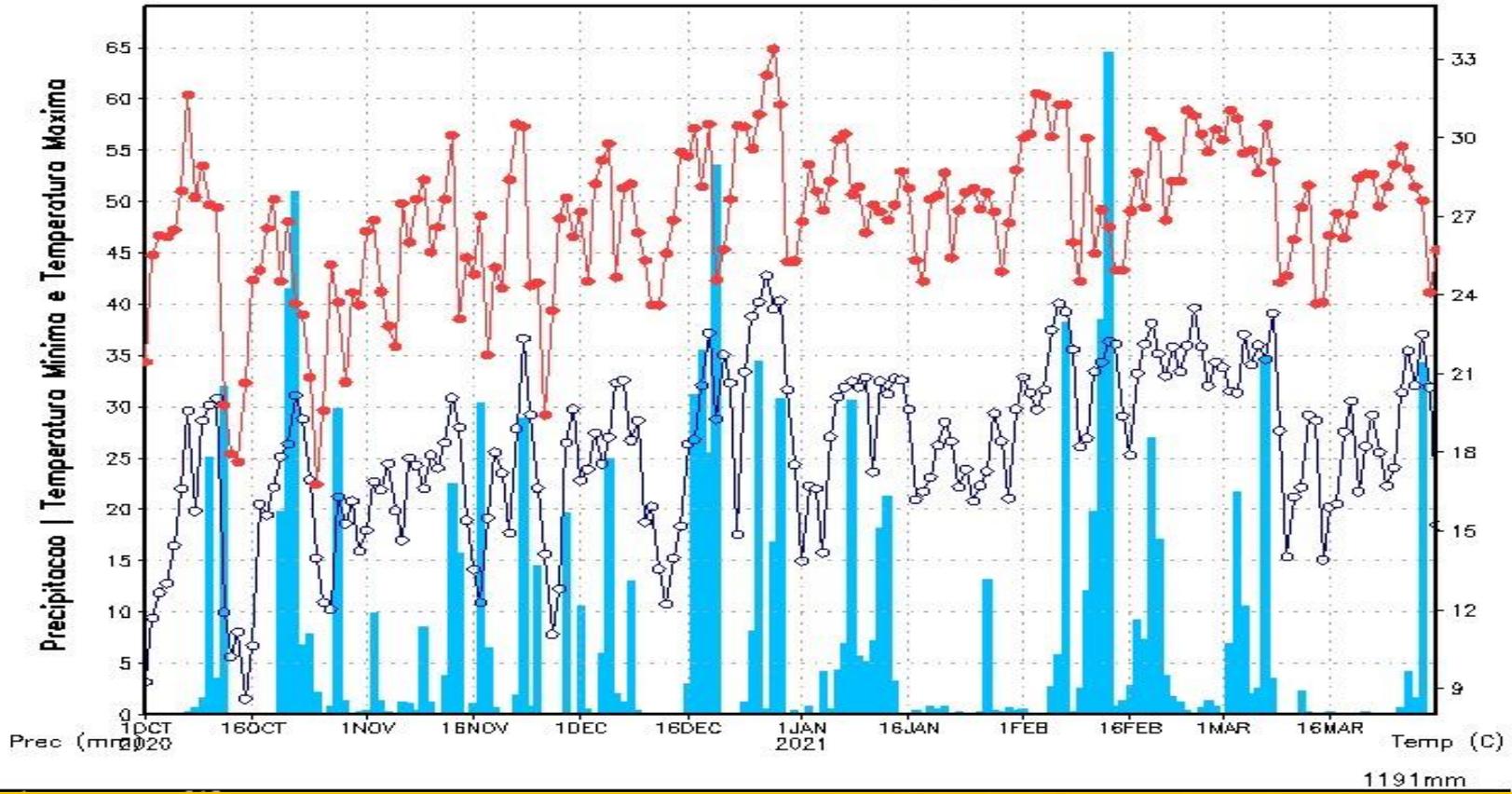


Temperaturas (°C) Máximas e Mínimas para Ijuí - RS (Simulação de 13/09/2020)





Modelo ECMWF - Ijuí-RS

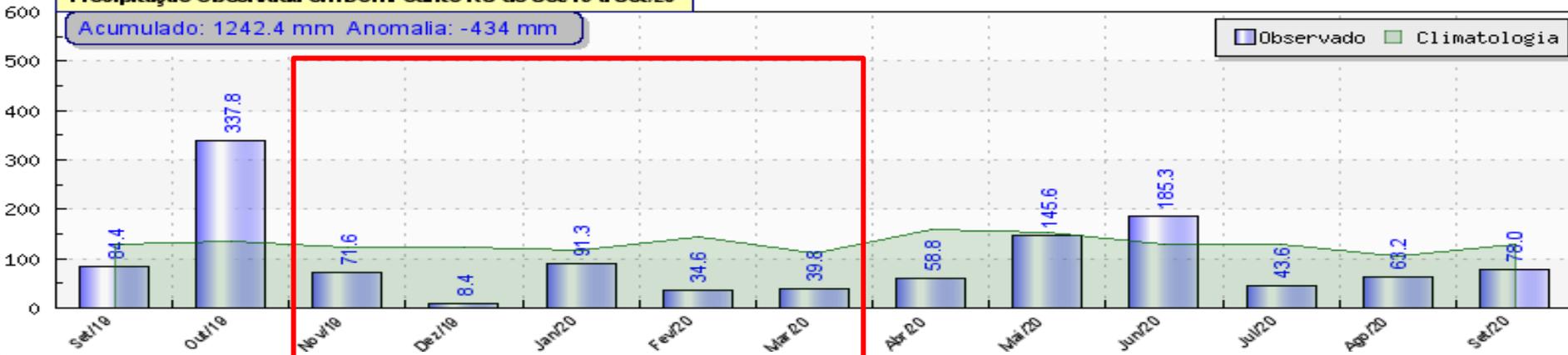


Dom Pedrito - RS: Chuva Safra 2019/2020 x Safra 2005/2006



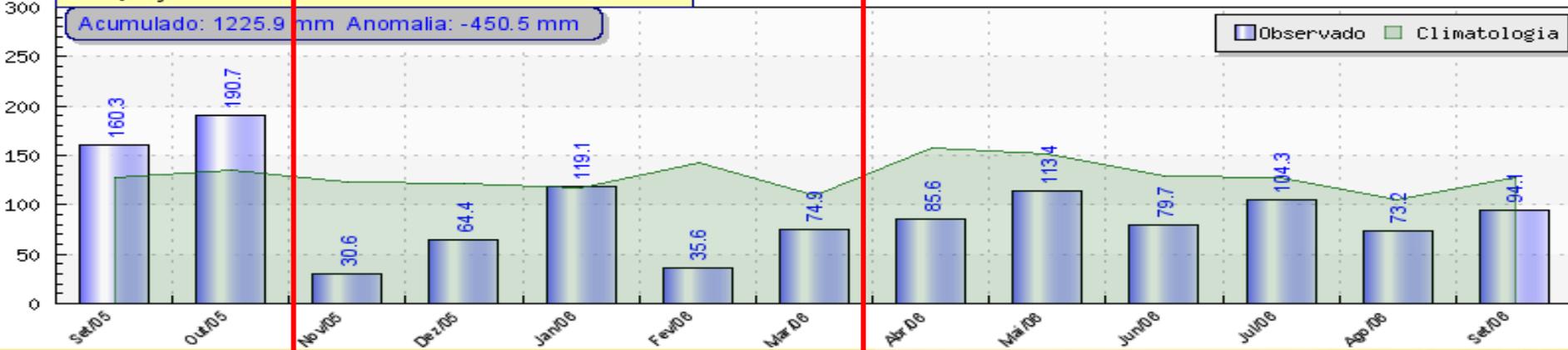
Precipitação Observada em Dom Pedrito-RS de Set/19 à Set/20

Acumulado: 1242.4 mm Anomalia: -434 mm



Precipitação Observada em Dom Pedrito-RS de Set/05 à Set/06

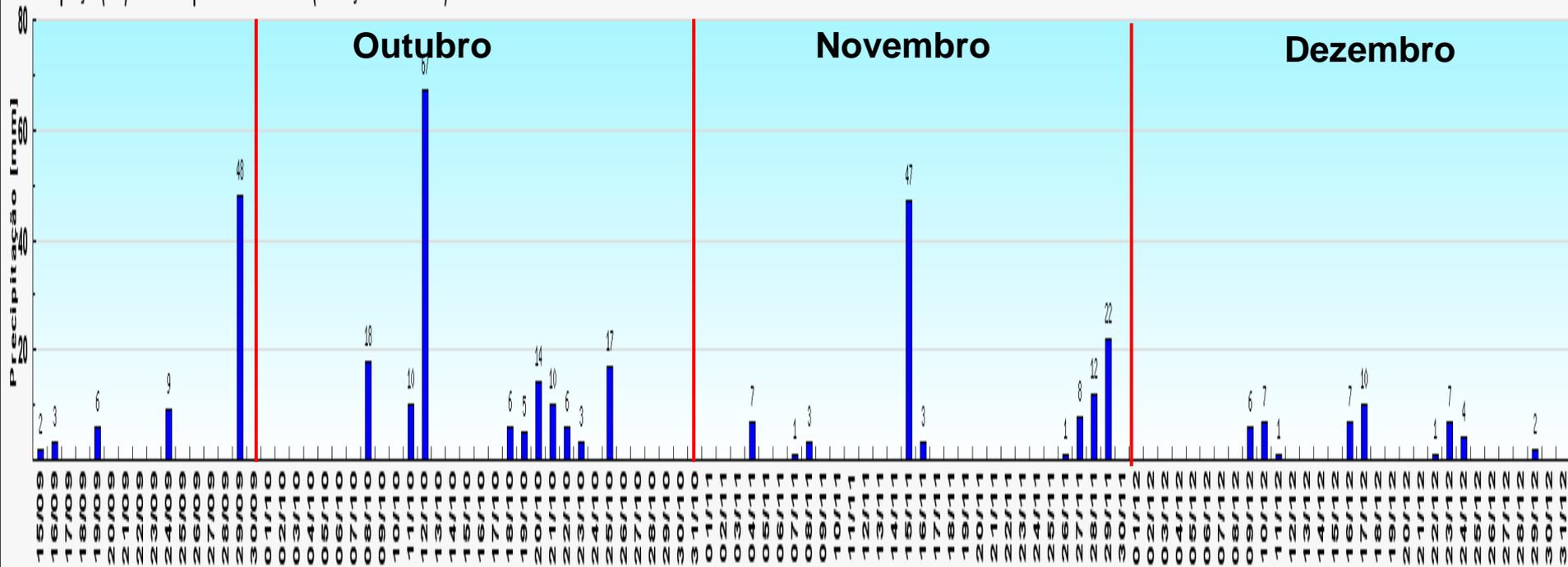
Acumulado: 1225.9 mm Anomalia: -450.5 mm



Dom Pedrito - RS: Setembro a Dezembro/2020



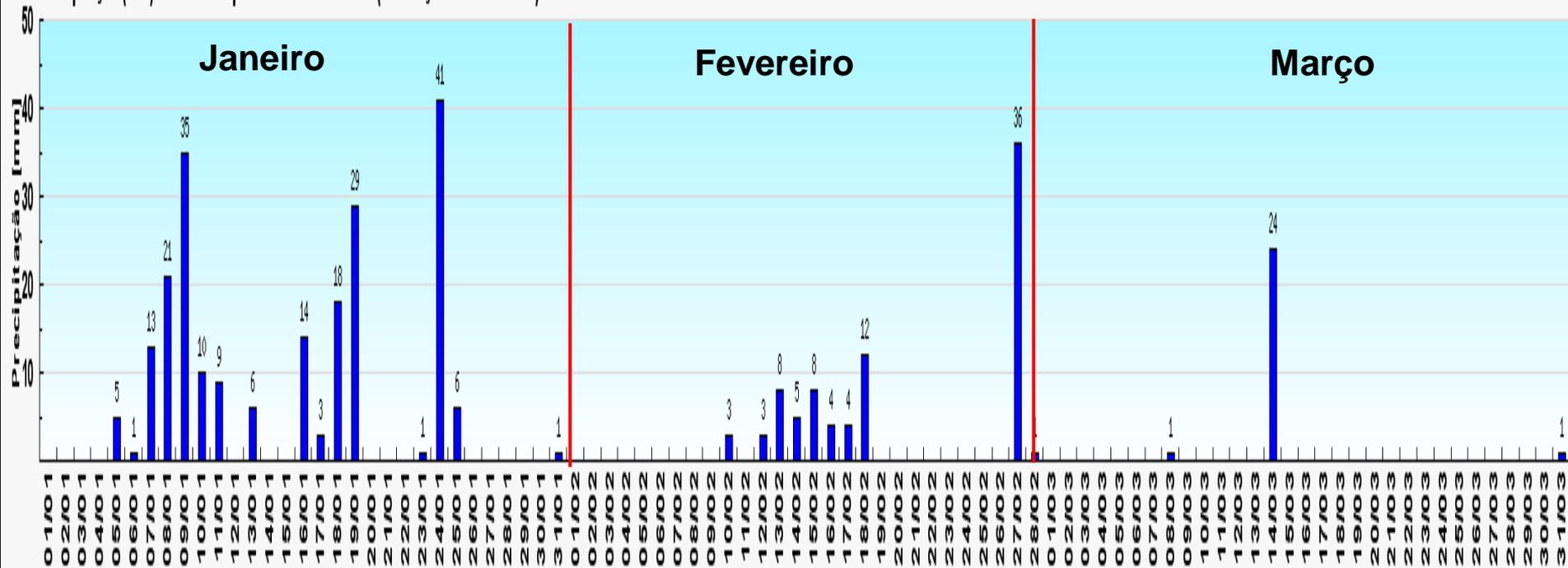
Precipitação (mm) Acumulada para Dom Pedrito - RS (Simulação de 13/09/2020)



Dom Pedrito - RS: Janeiro a março/2021



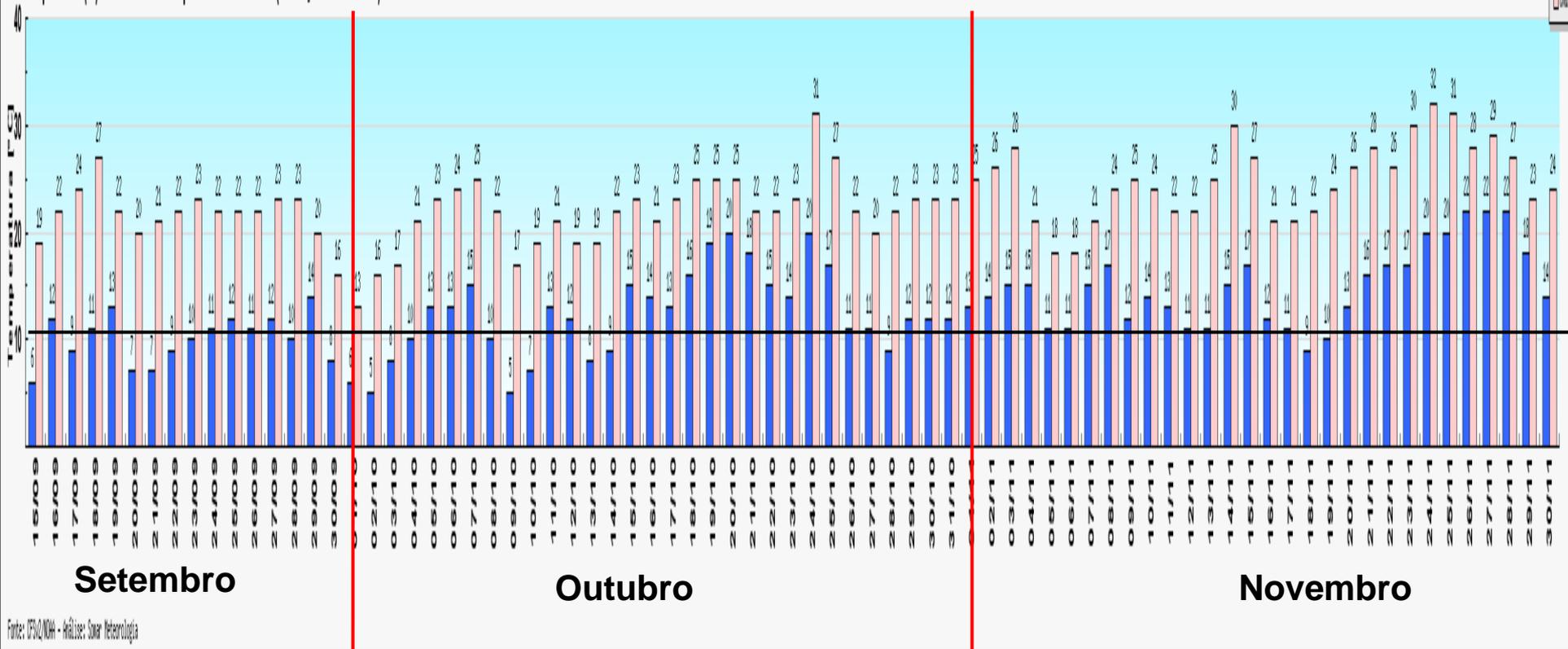
Precipitação (mm) Acumulada para Dom Pedrito - RS (Simulação de 13/09/2020)



Temperatura Dom Pedrito - RS: Setembro a Novembro/2020



Temperaturas (°C) Máximas e Mínimas para Dom Pedrito - RS (Simulação de 13/09/2020)

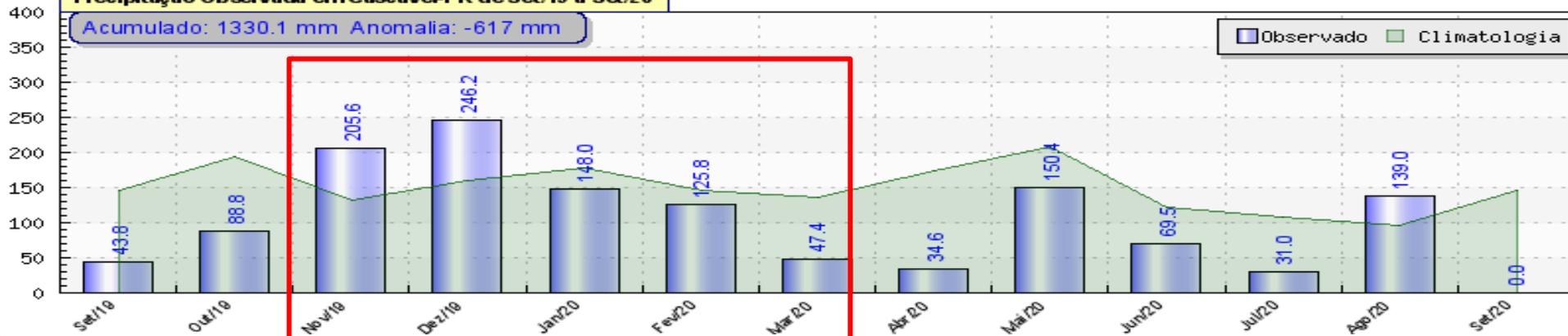


CASCADEL - PR: Chuva Safra 2019/2020 x Safra 2005/2006



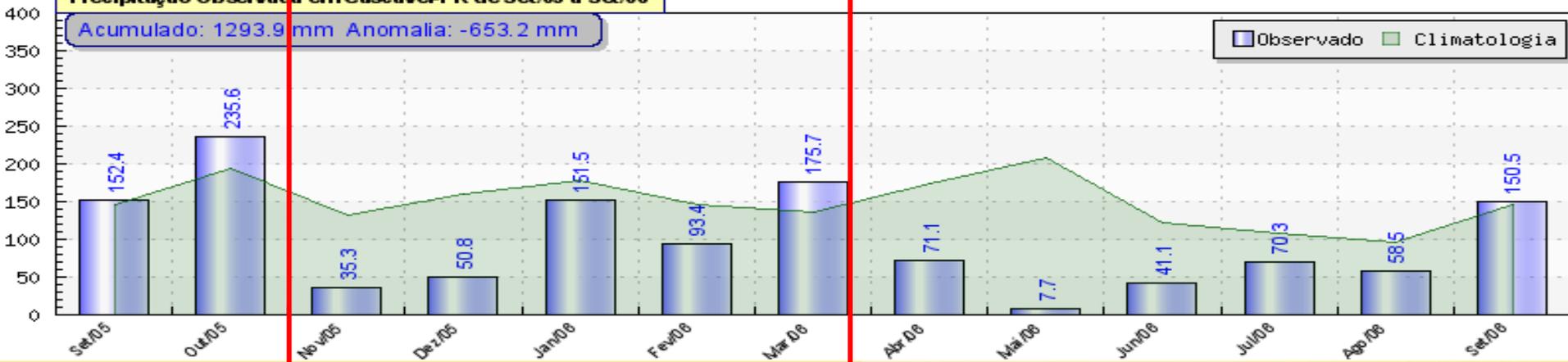
Precipitação Observada em Cascavel-PR de Set/19 à Set/20

Acumulado: 1330.1 mm Anomalia: -617 mm



Precipitação Observada em Cascavel-PR de Set/05 à Set/06

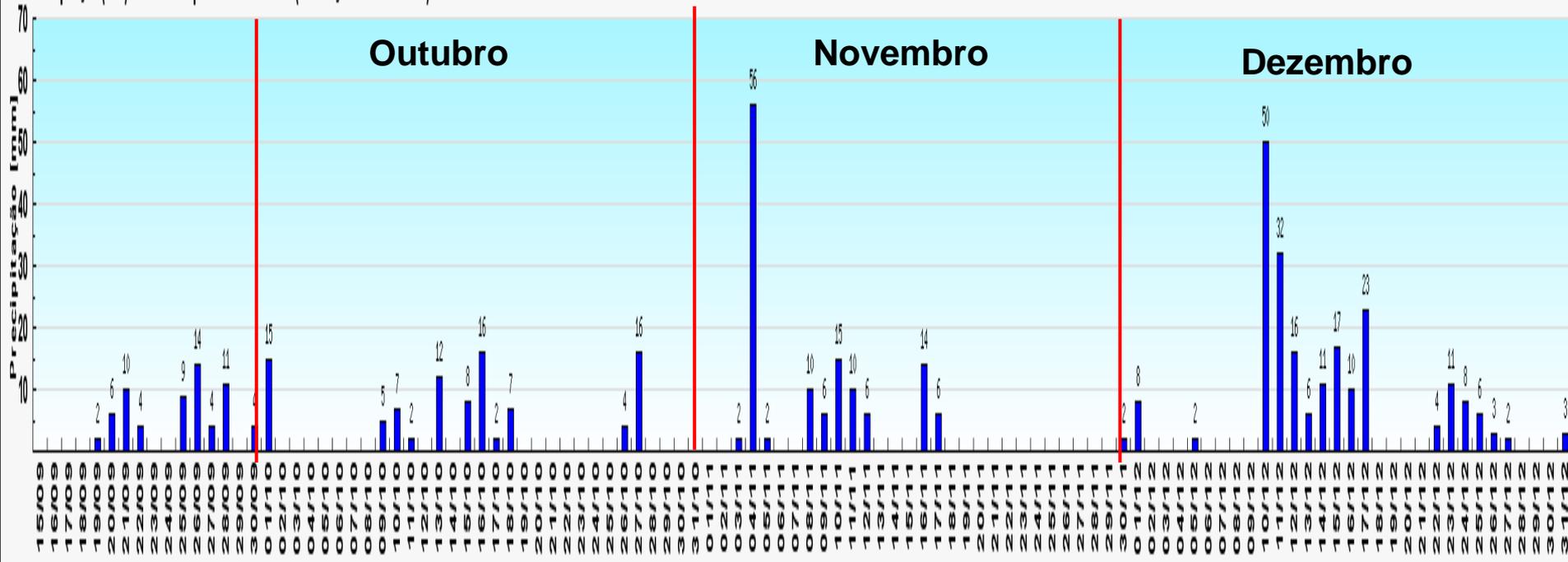
Acumulado: 1293.9 mm Anomalia: -653.2 mm



CASCADEL - PR: Setembro a Dezembro/2020



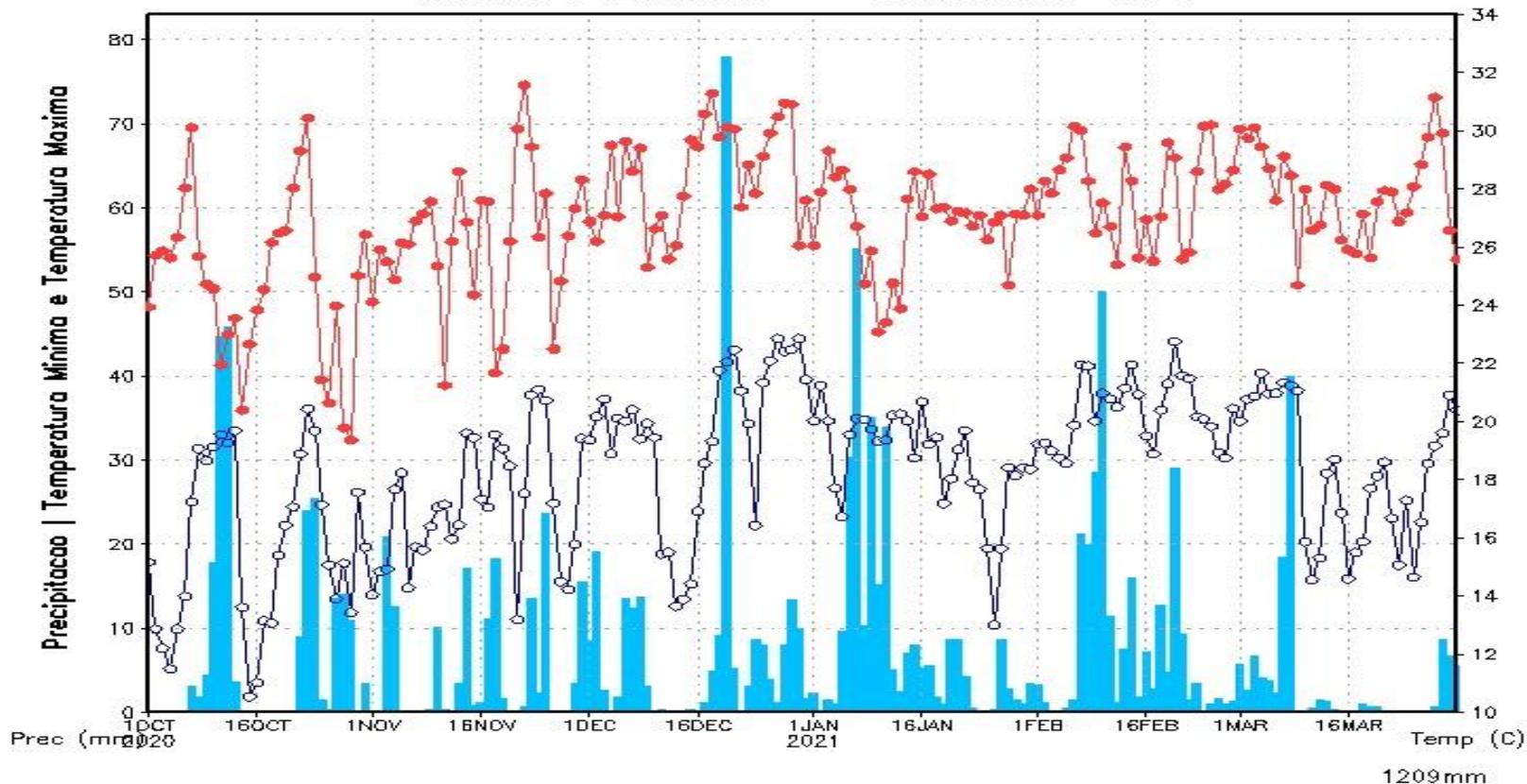
Precipitação (mm) Acumulada para Cascavel - PR (Simulação de 13/09/2020)



Cascavel - PR: Outubro a Março/2021



Modelo ECMWF - Cascavel - PR

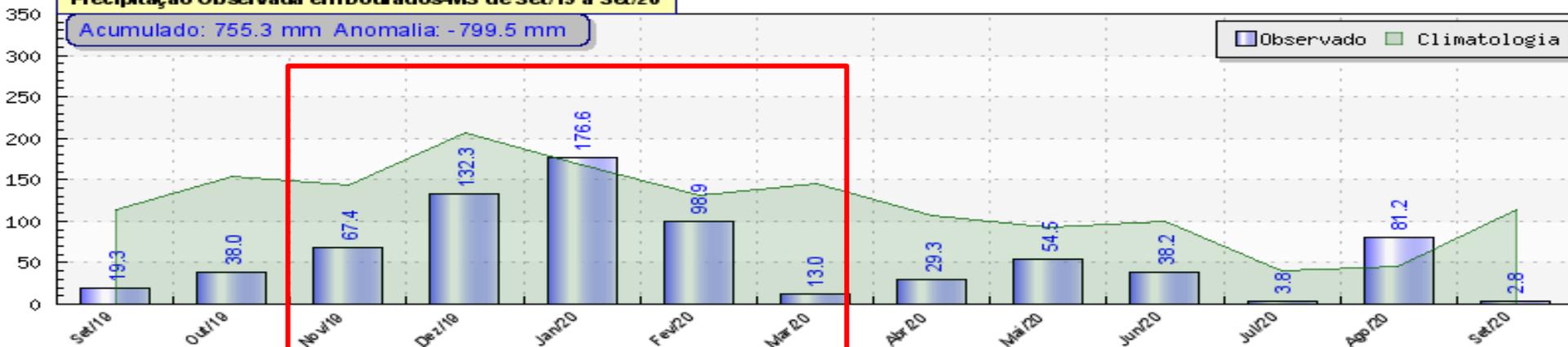


Dourados - MS : Chuva Safra 2019/2020 x Safra 2005/2006



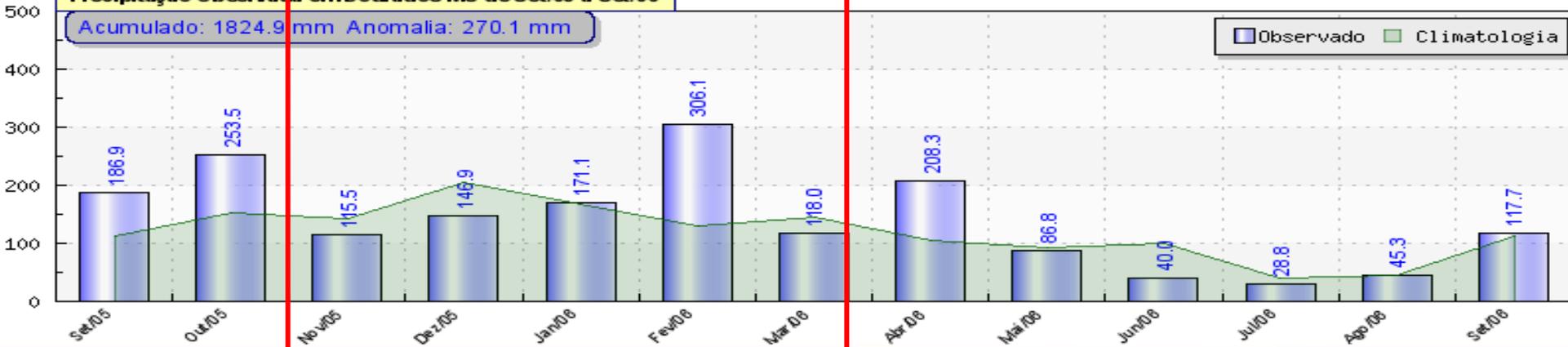
Precipitação Observada em Dourados-MS de Set/19 à Set/20

Acumulado: 755.3 mm Anomalia: -799.5 mm



Precipitação Observada em Dourados-MS de Set/05 à Set/06

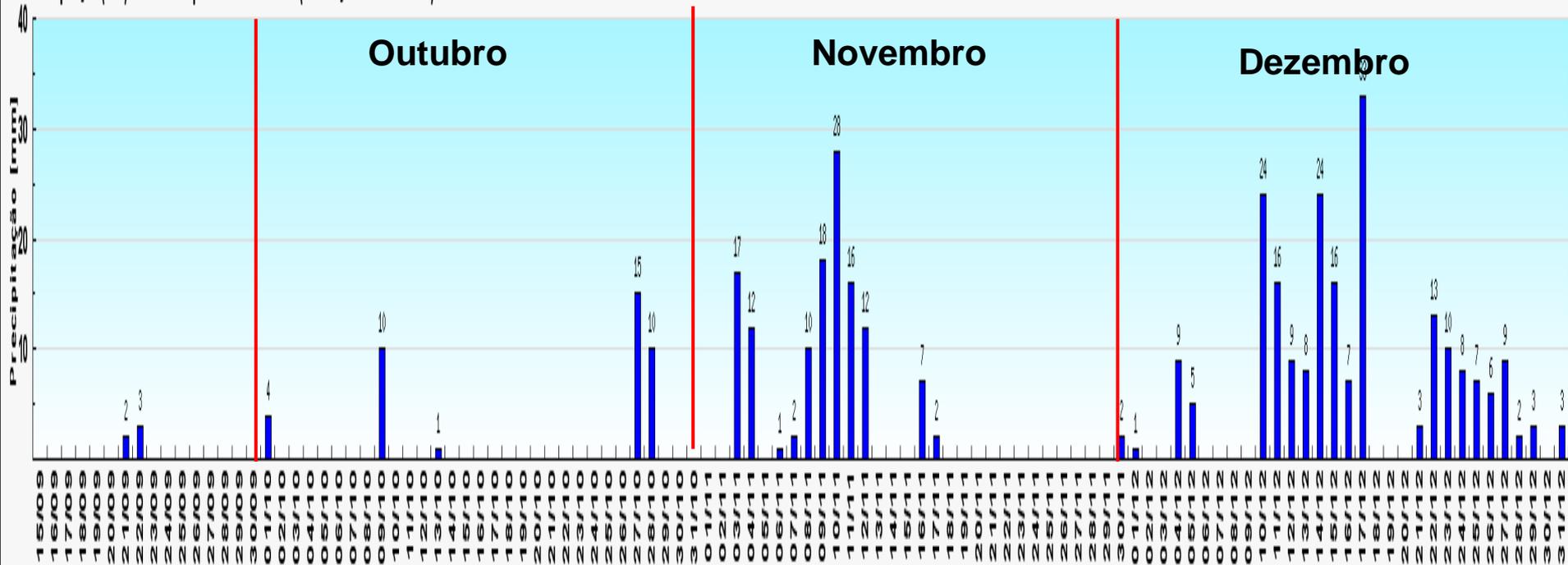
Acumulado: 1824.9 mm Anomalia: 270.1 mm



Dourados - MS: Setembro a Dezembro/2020



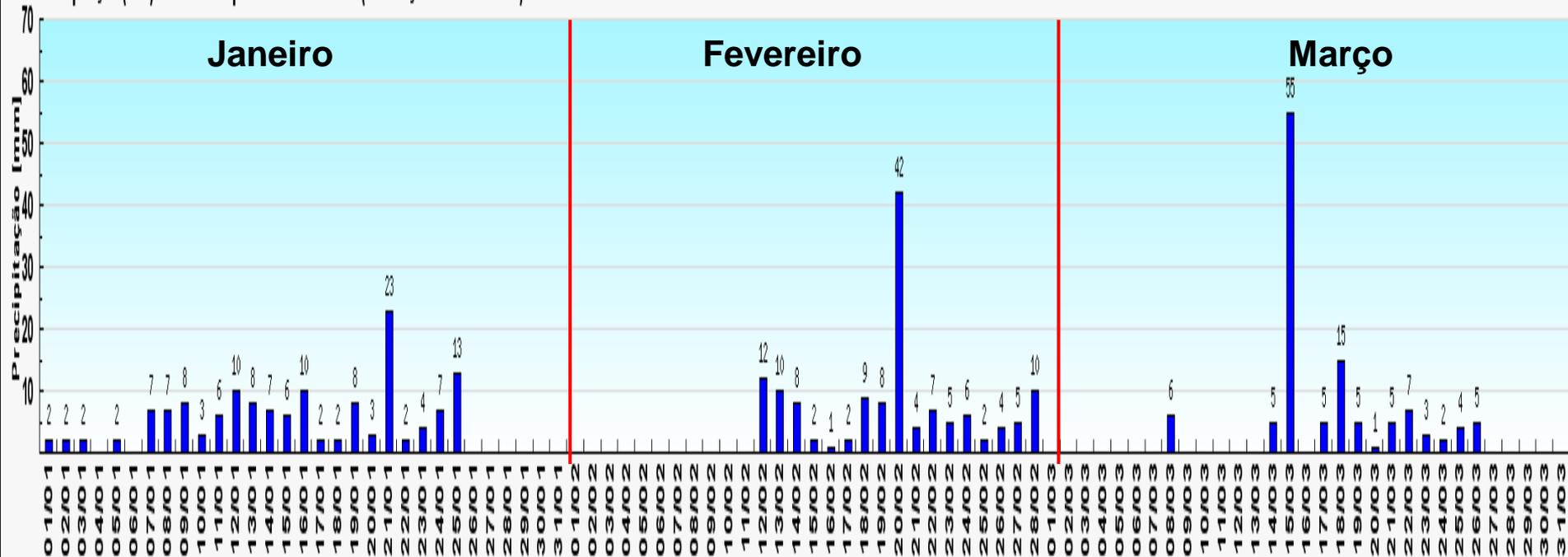
Precipitação (mm) Acumulada para Dourados - MS (Simulação de 13/09/2020)



Dourados - MS : Janeiro a Março/2021



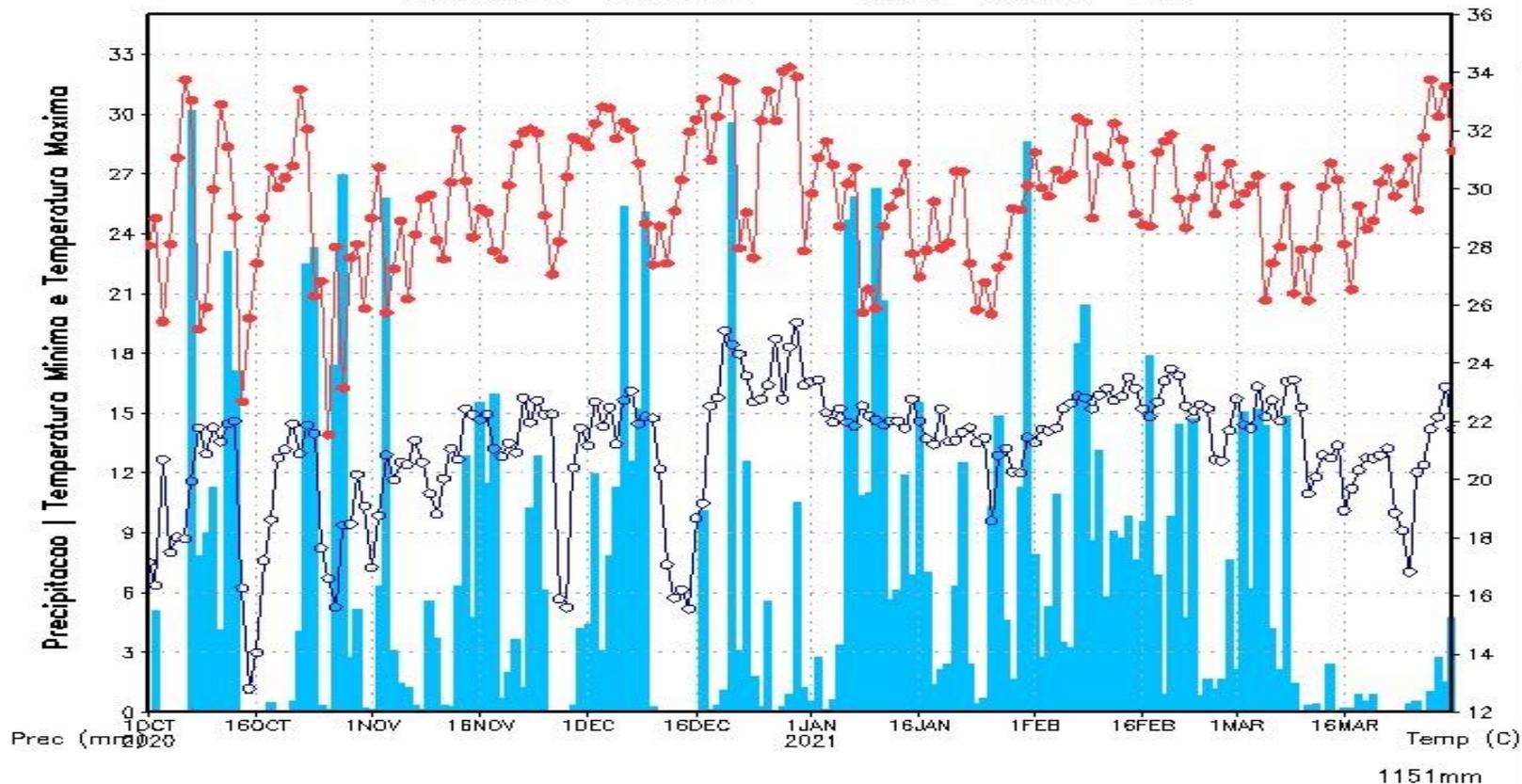
Precipitação (mm) Acumulada para Dourados - MS (Simulação de 13/09/2020)



Dourados - MS: Outubro a Março/2021



Modelo ECMWF - Dourados-MS

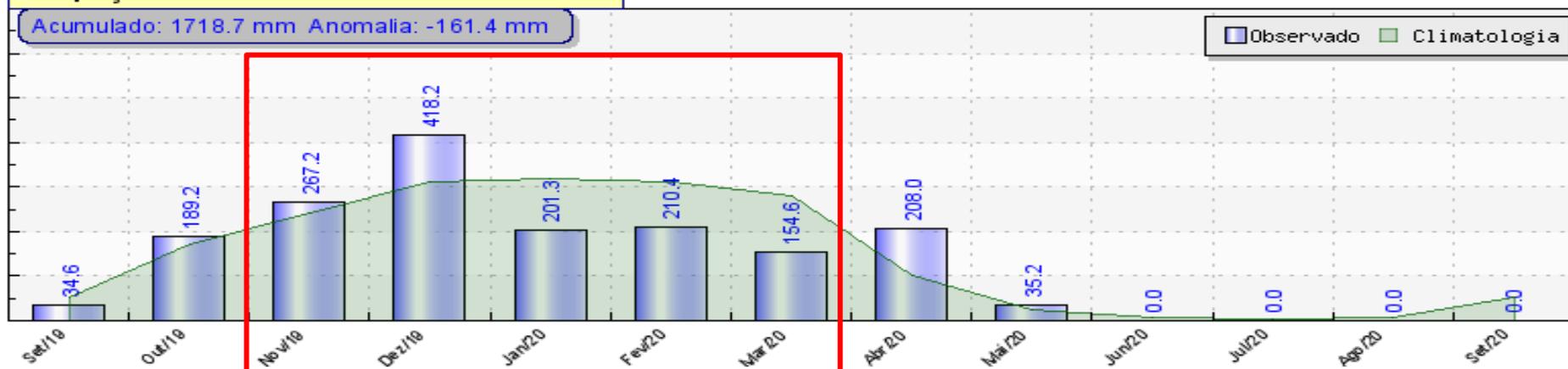


SORRISO - MT : Chuva Safra 2019/2020 x Safra 2005/2006



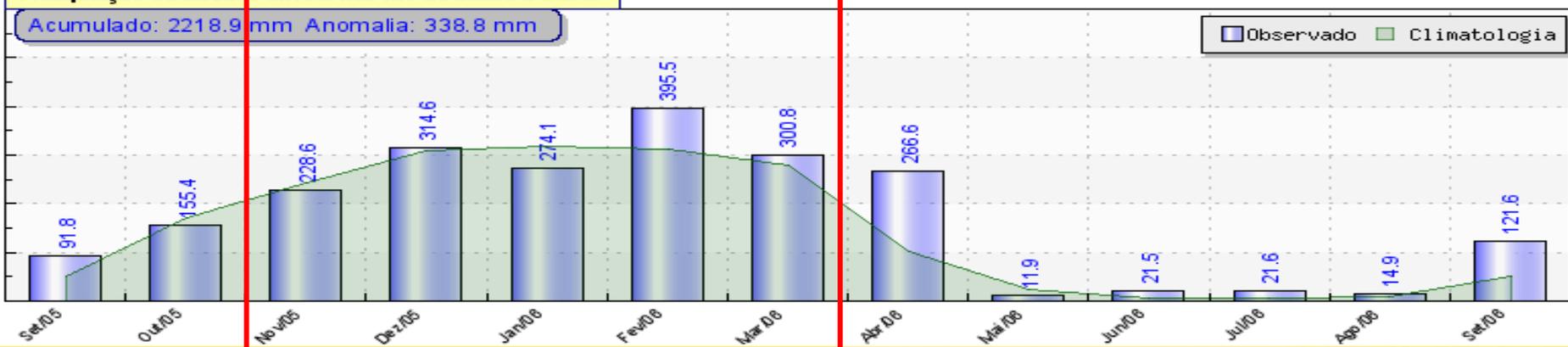
Precipitação Observada em Sorriso-MT de Set/19 à Set/20

Acumulado: 1718.7 mm Anomalia: -161.4 mm



Precipitação Observada em Sorriso-MT de Set/05 à Set/06

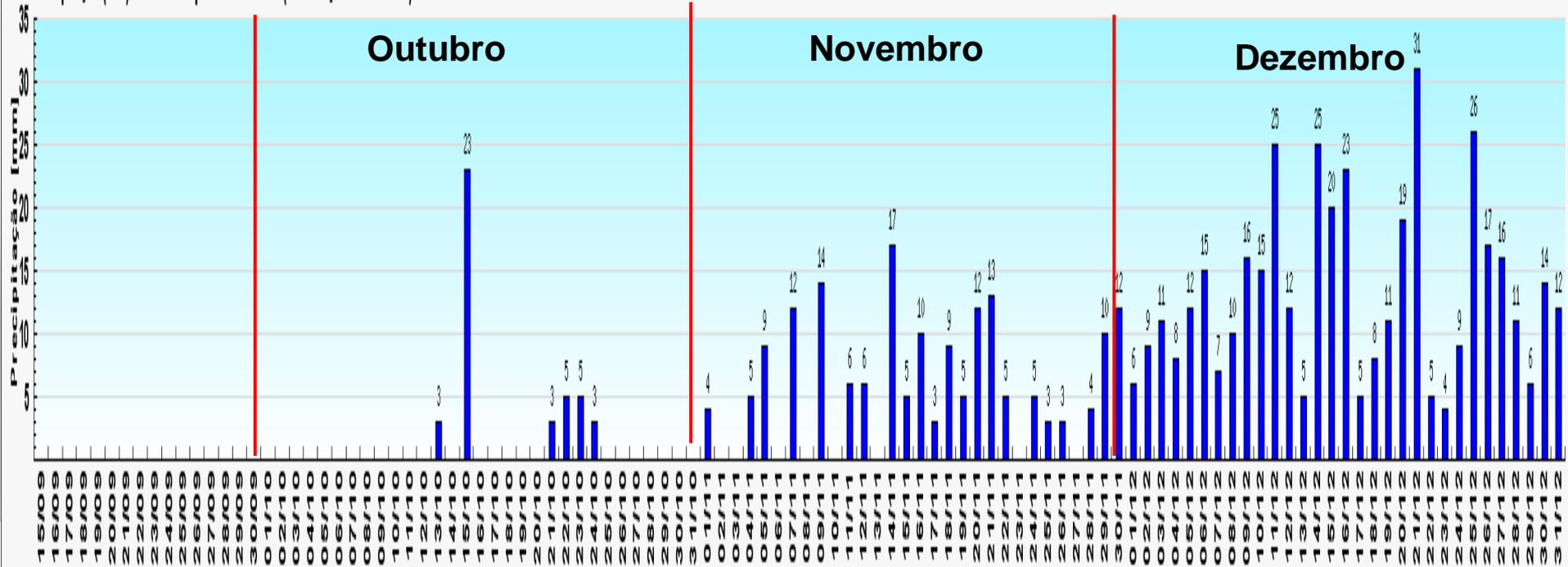
Acumulado: 2218.9 mm Anomalia: 338.8 mm



SORRISO - MT : Setembro a Dezembro/2020



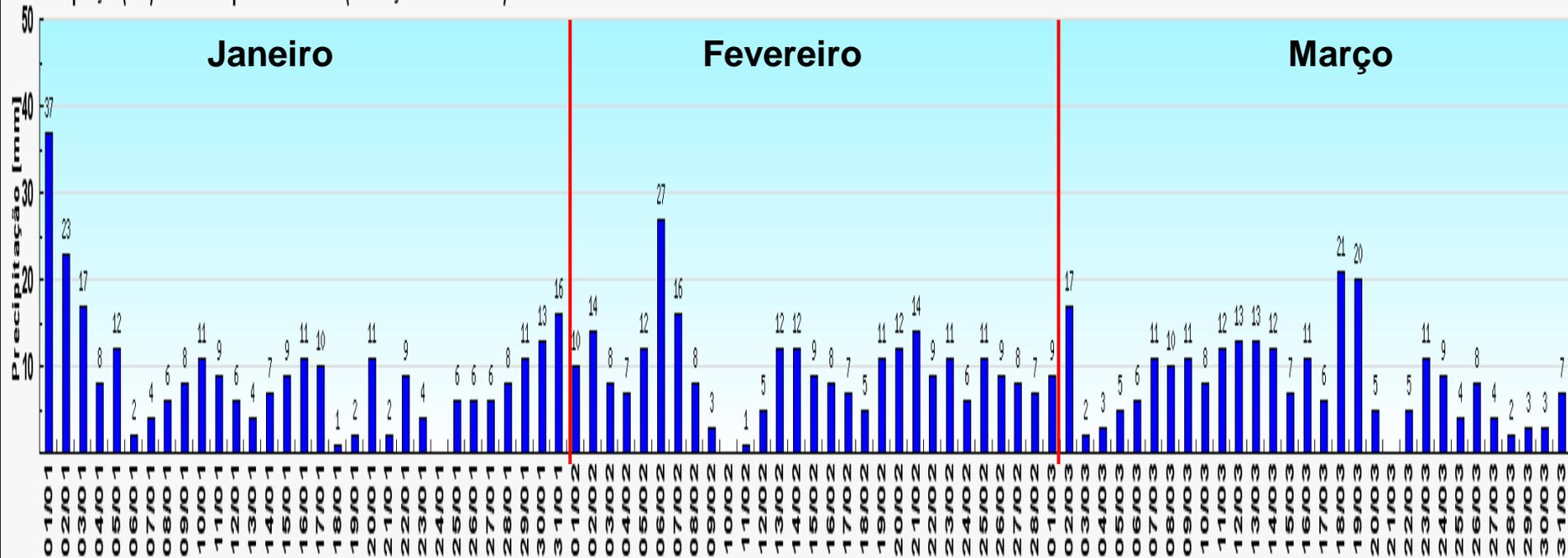
Precipitação (mm) Acumulada para Sorriso-MT (Atualização: 13/09/2020)



SORRISO - MT : Janeiro a Março/2021



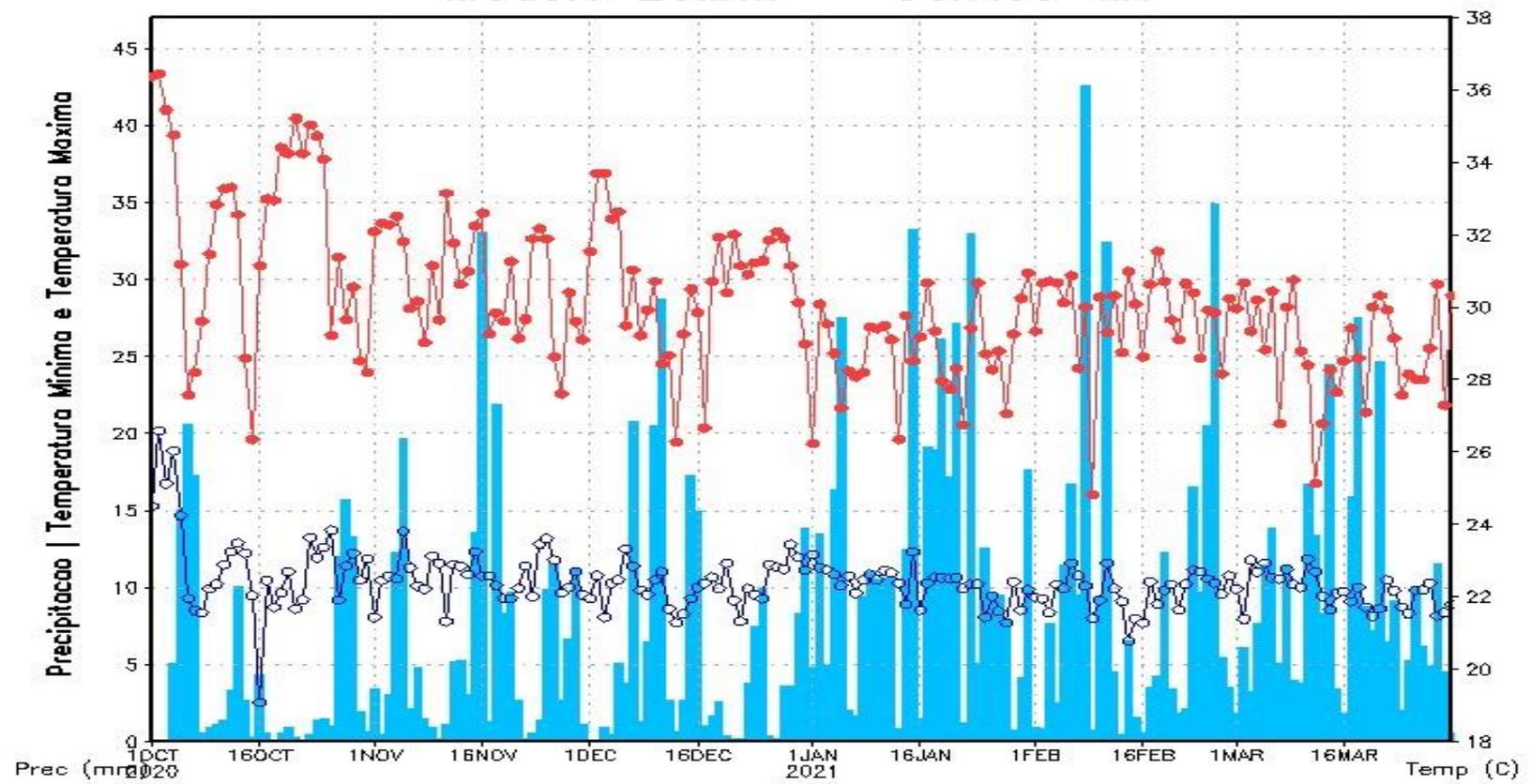
Precipitação (mm) Acumulada para Sorriso - MT (Simulação de 13/09/2020)



SORRISO - MT : Outubro a Março/2021



Modelo ECMWF - Sorriso-MT



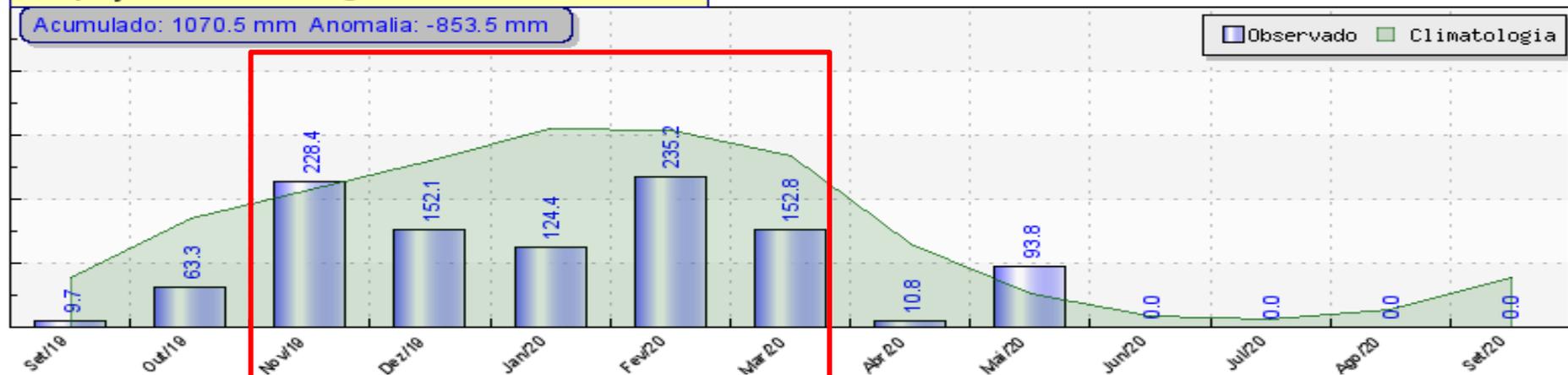
1426mm

Tangará da Serra - MT : Chuva Safra 2019/2020 x Safra 2005/2006



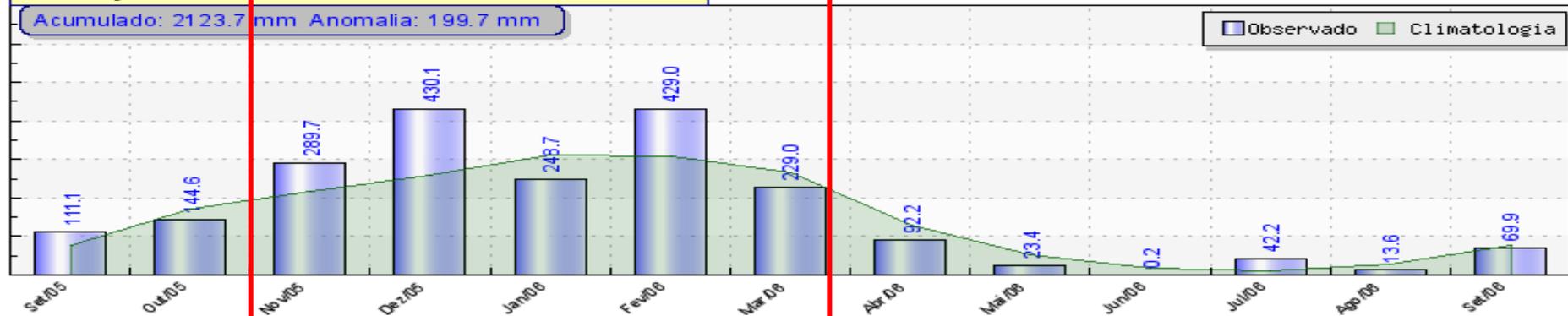
Precipitação Observada em Tangará da Serra-MT de Set/19 à Set/20

Acumulado: 1070.5 mm Anomalia: -853.5 mm



Precipitação Observada em Tangará da Serra-MT de Set/05 à Set/06

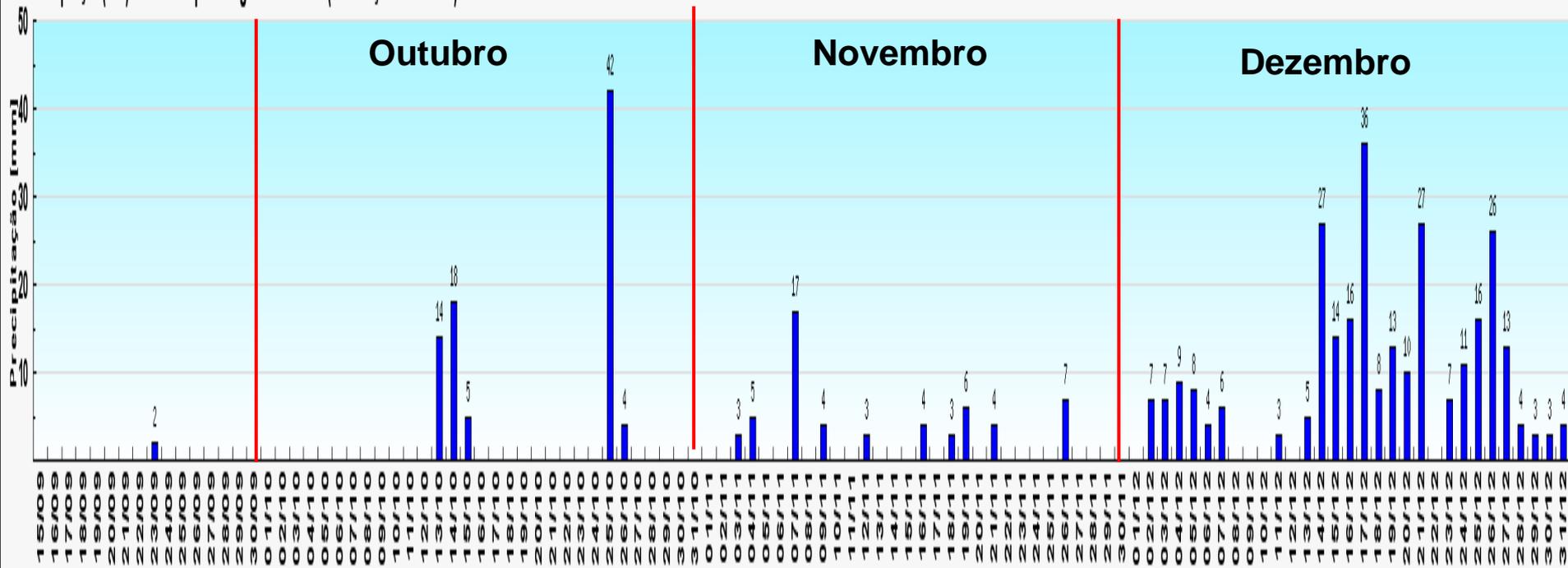
Acumulado: 2123.7 mm Anomalia: 199.7 mm



Tangará da Serra - MT : Setembro a Dezembro/2020



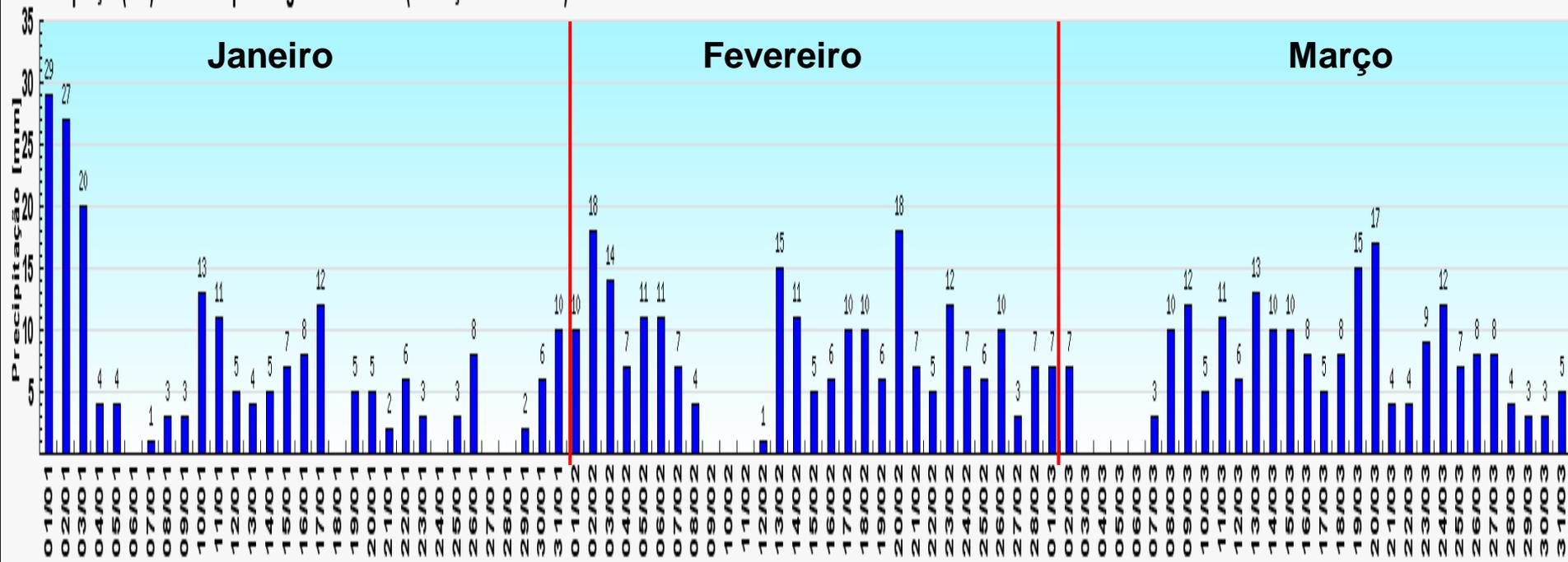
Precipitação (mm) Acumulada para Tangará da Serra-MT (Atualização: 13/09/2020)



Tangará da Serra - MT : Janeiro a Março/2021



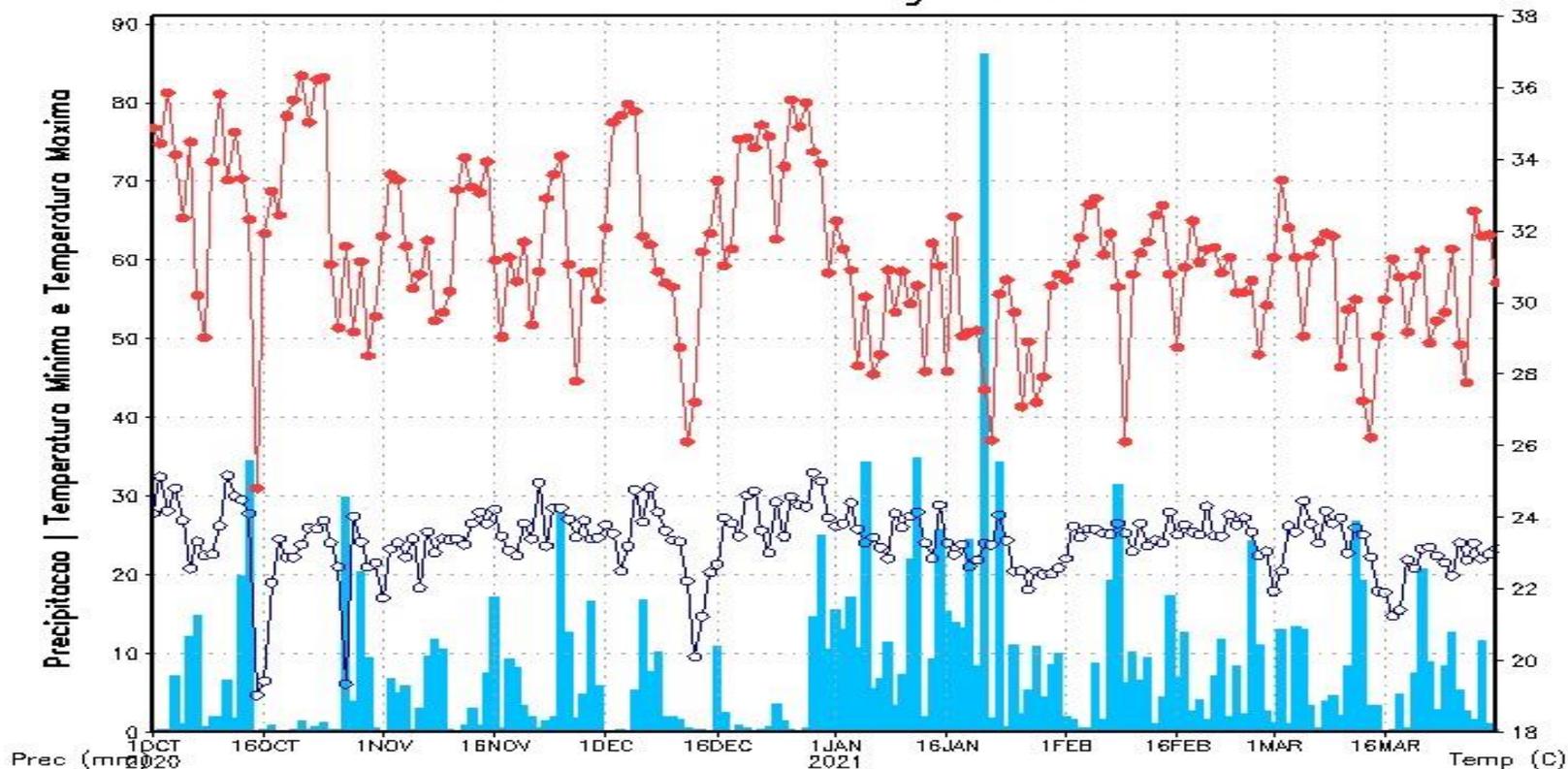
Precipitação (mm) Acumulada para Tangará da Serra - MT (Simulação de 13/09/2020)



Tangará da Serra - MT : Outubro a Março/2021



Modelo ECMWF – TangaradaSerra – MT

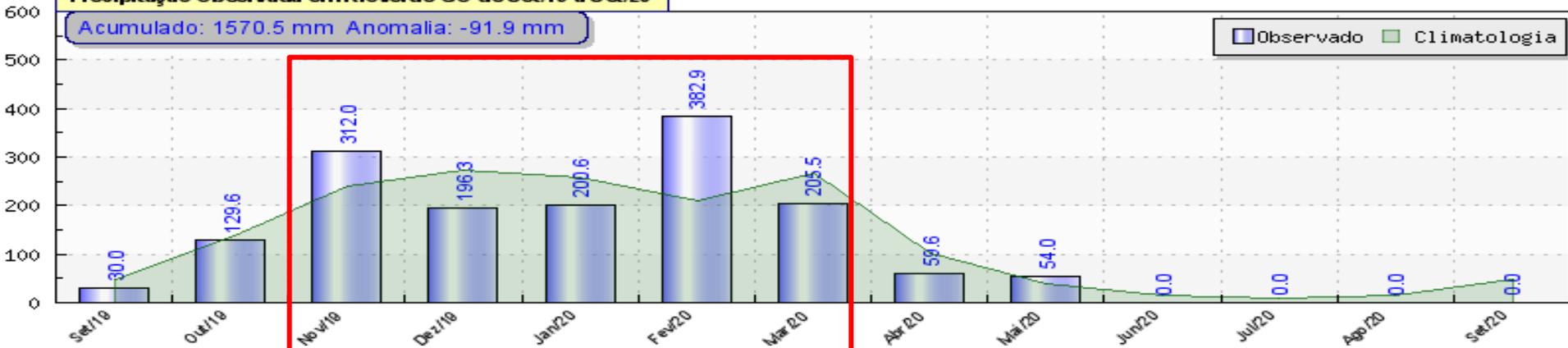


RIO VERDE - GO : Chuva Safra 2019/2020 x Safra 2005/2006



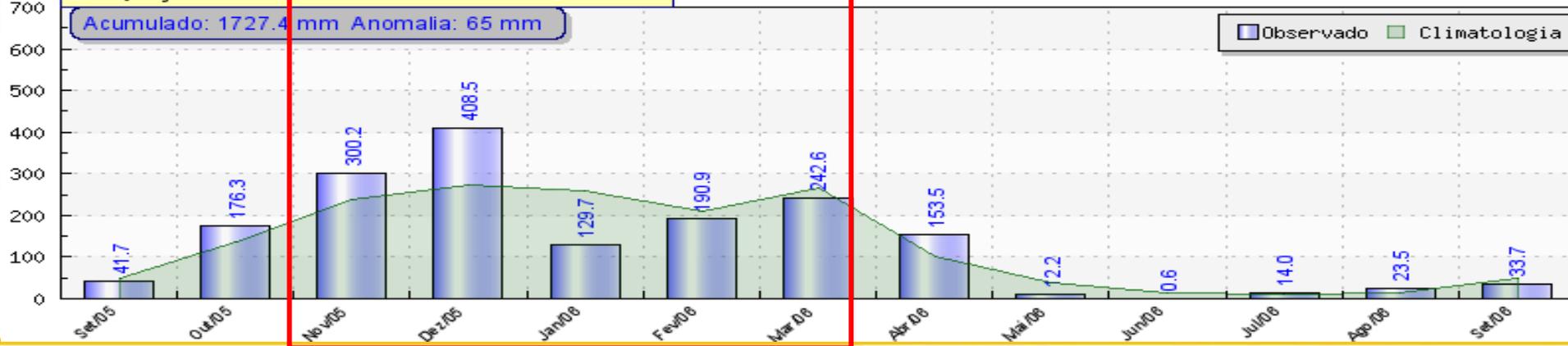
Precipitação Observada em Rio Verde-GO de Set/19 à Set/20

Acumulado: 1570.5 mm Anomalia: -91.9 mm



Precipitação Observada em Rio Verde-GO de Set/05 à Set/06

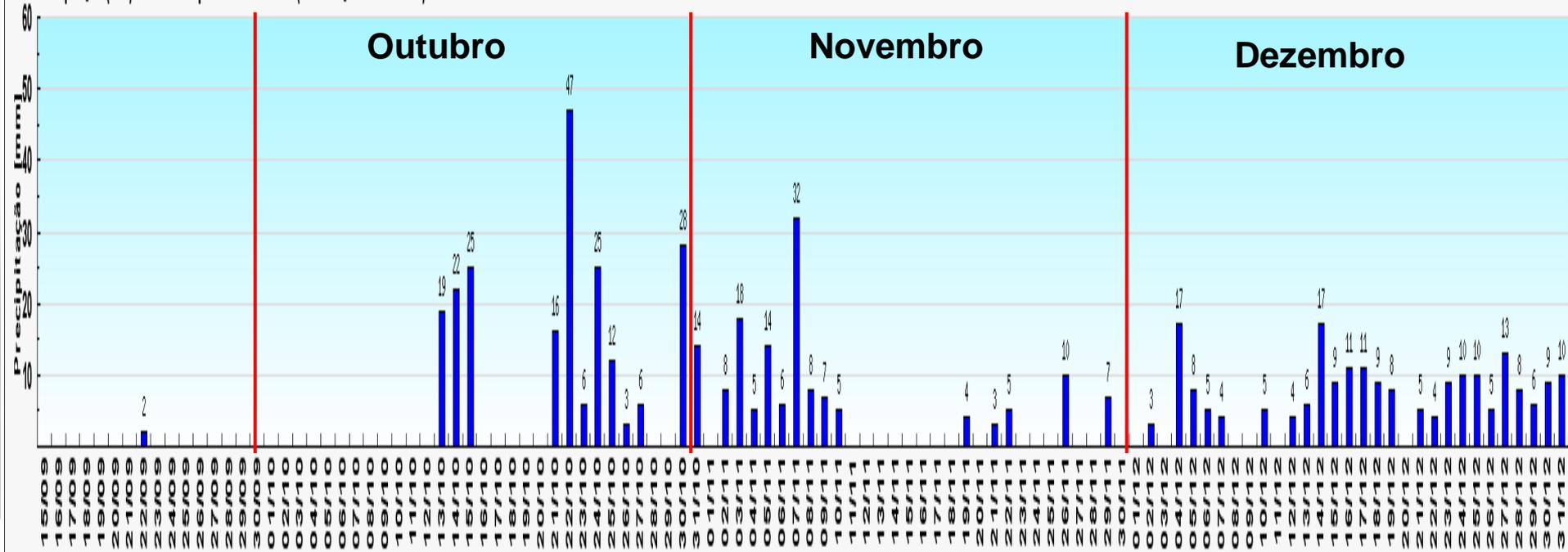
Acumulado: 1727.4 mm Anomalia: 65 mm



RIO VERDE - GO : Setembro a Dezembro/2020



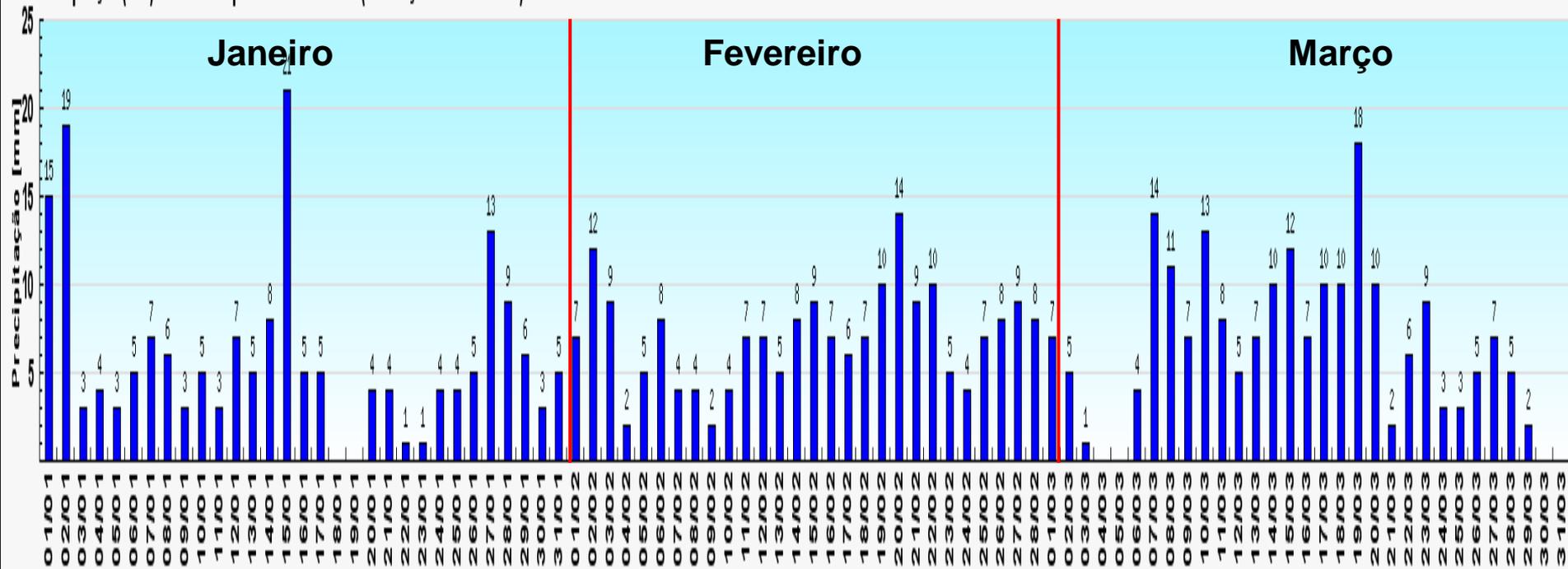
Precipitação (mm) Acumulada para Rio Verde-GO (Atualização: 13/09/2020)



RIO VERDE - GO : Janeiro a Março/2021

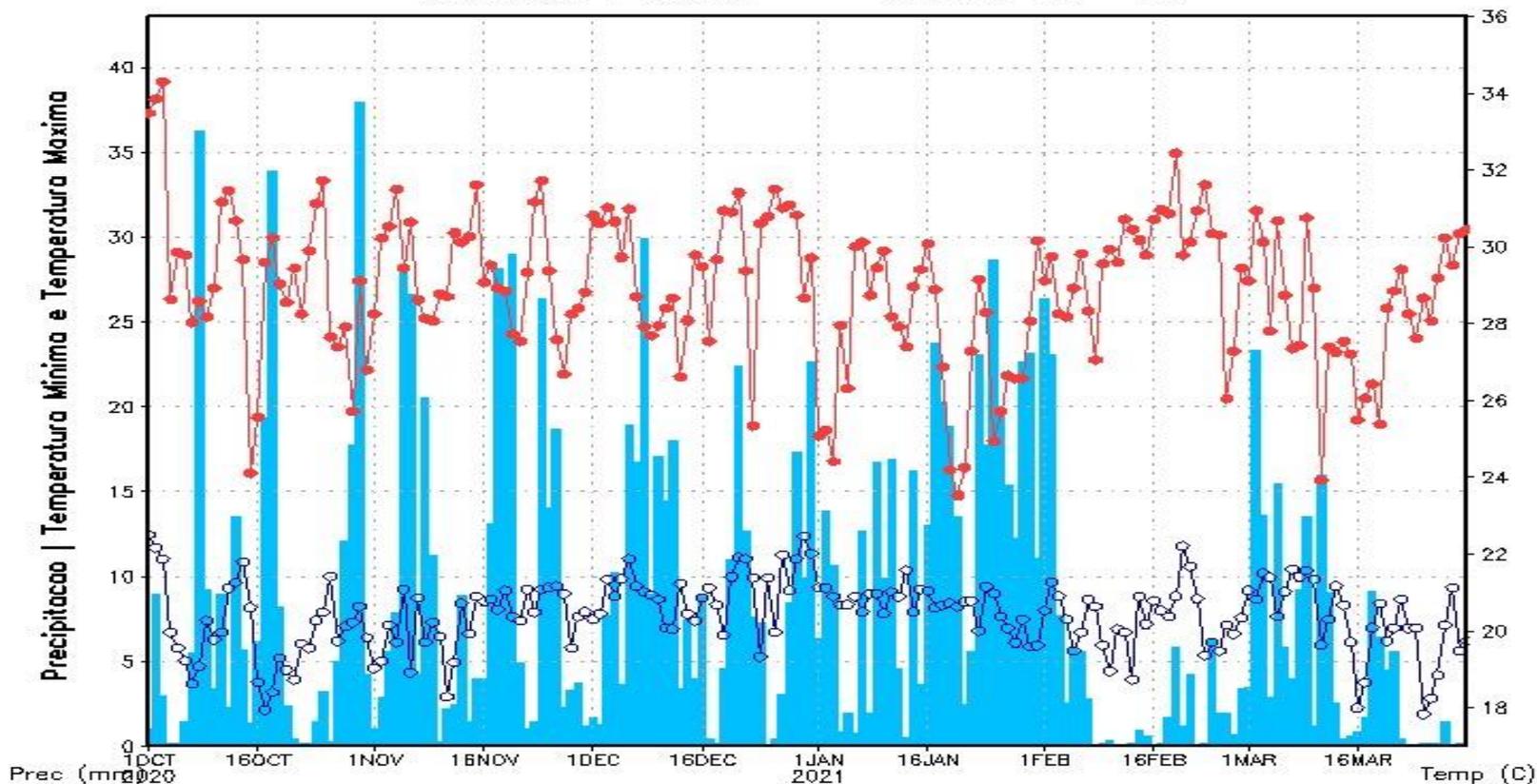


Precipitação (mm) Acumulada para Rio Verde - GO (Simulação de 13/09/2020)





Modelo ECMWF - RioVerde-GO

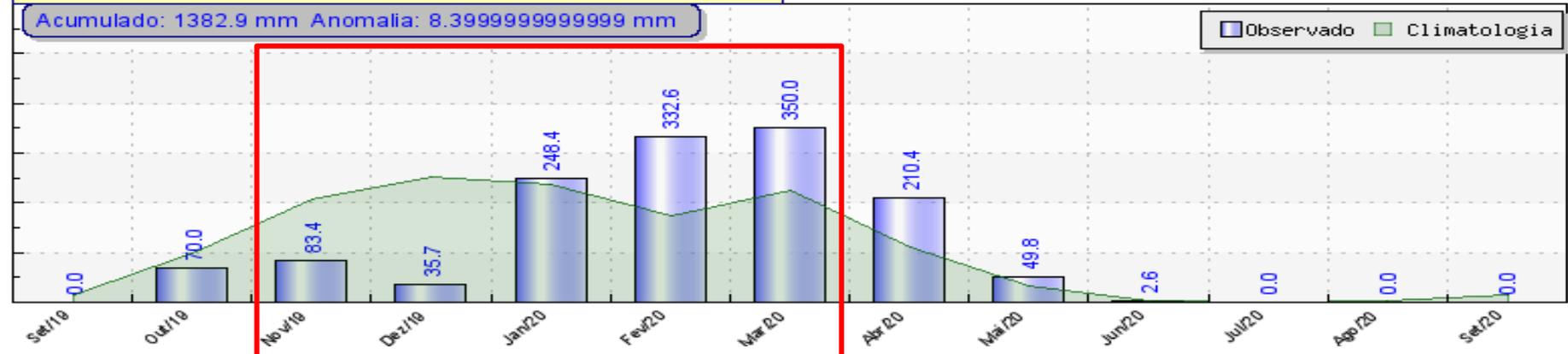


LEM - BA : Chuva Safra 2019/2020 x Safra 2005/2006



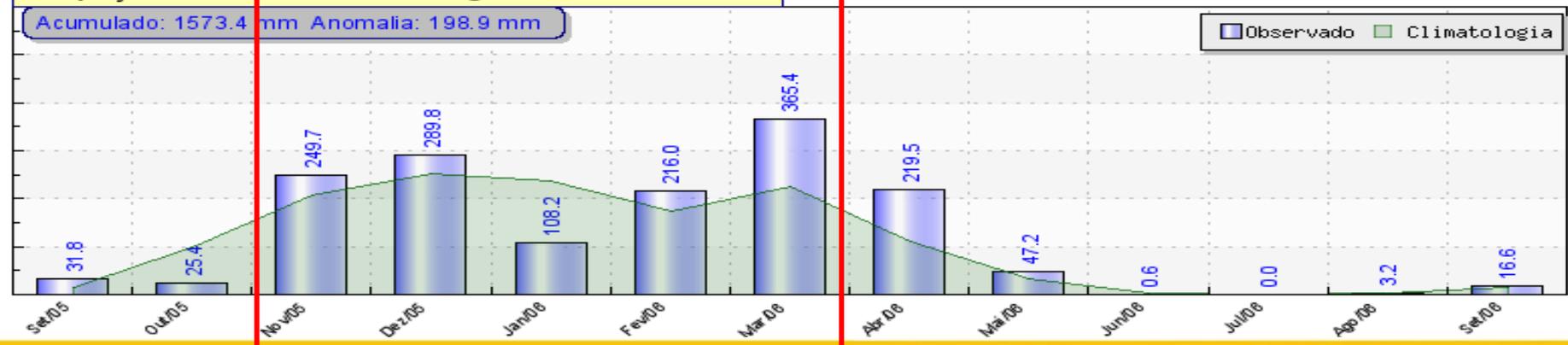
Precipitação Observada em Luis Eduardo Magalhães-BA de Set/19 à Set/20

Acumulado: 1382.9 mm Anomalia: 8.399999999999999 mm



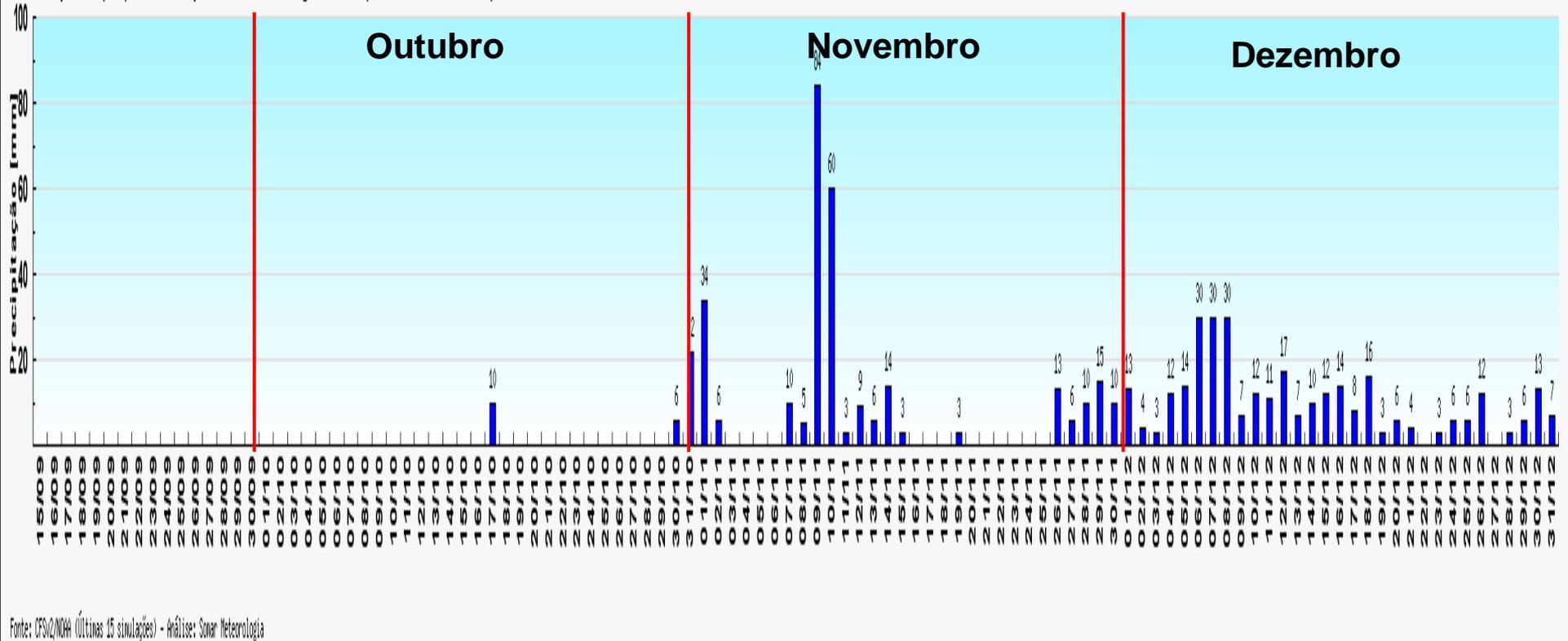
Precipitação Observada em Luis Eduardo Magalhães-BA de Set/05 à Set/06

Acumulado: 1573.4 mm Anomalia: 198.9 mm





Precipitação (mm) Acumulada para LuisEduardoMagalhaes-BA (Atualização: 13/09/2020)

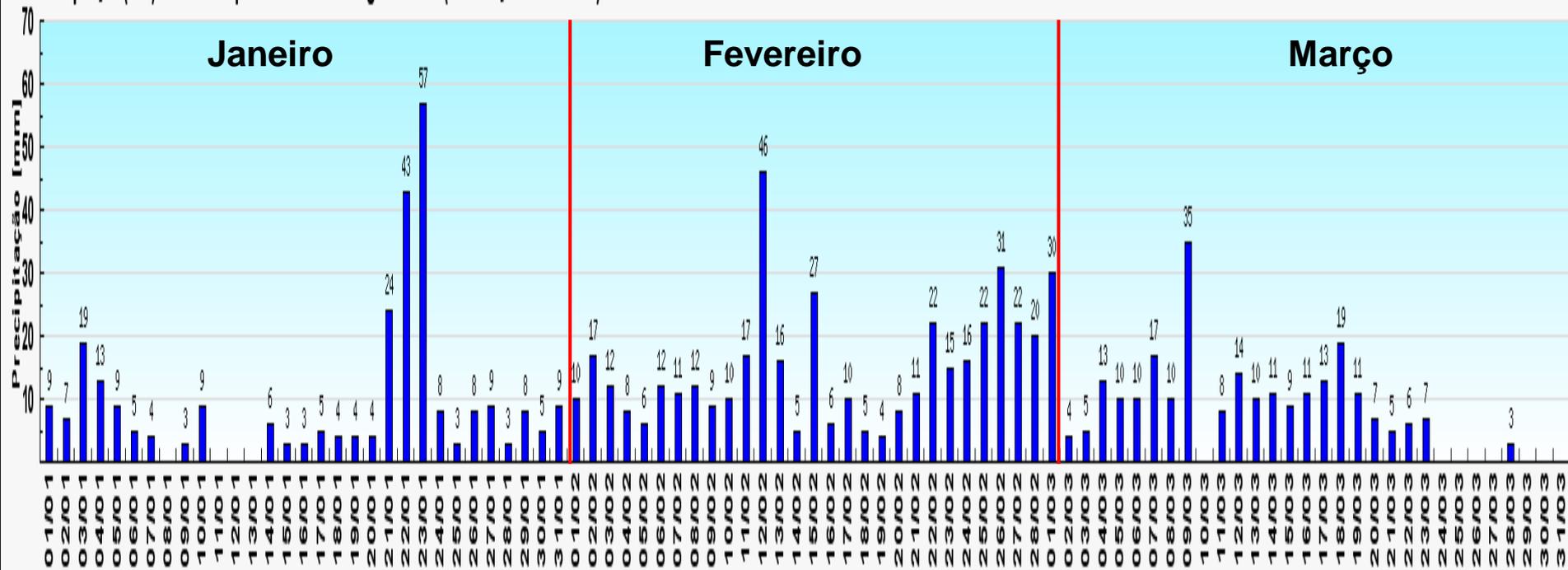


Fonte: CFSv2/NOAA (Últimas 15 simulações) - Análise: Somar Meteorologia

LEM - BA : Janeiro a Março/2021



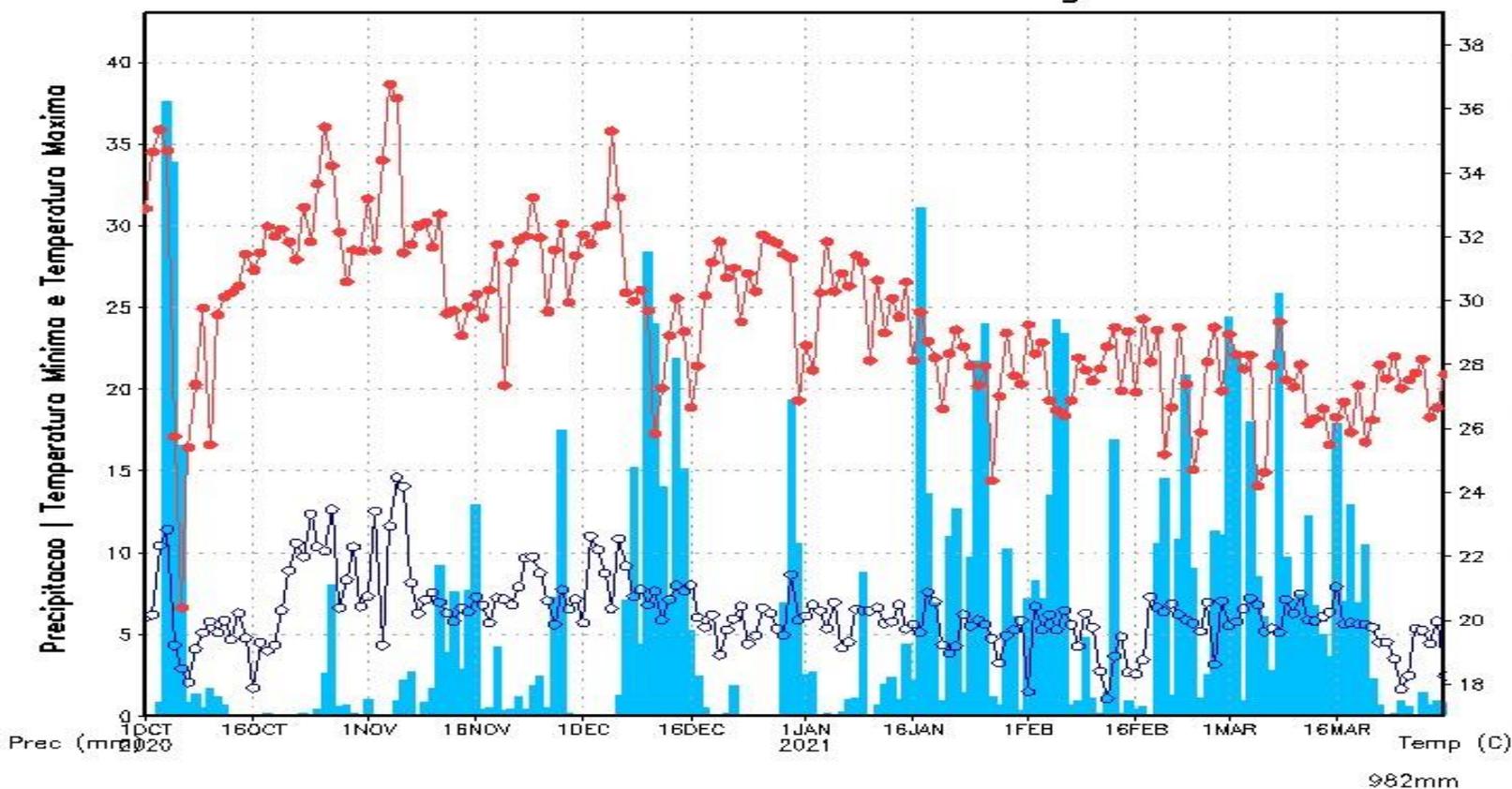
Precipitação (mm) Acumulada para LuisEduardoMagalhaes-BA (Atualização: 13/09/2020)



LEM - BA : Outubro a Março/2021



Modelo ECMWF – LuisEduardoMagalhaes–BA

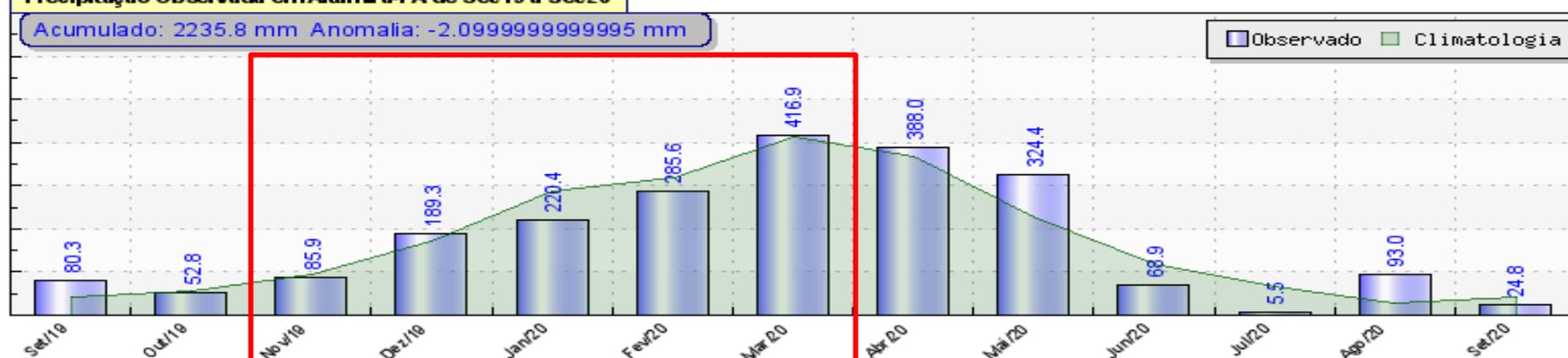


Altamira - PA : Chuva Safra 2019/2020 x Safra 2005/2006



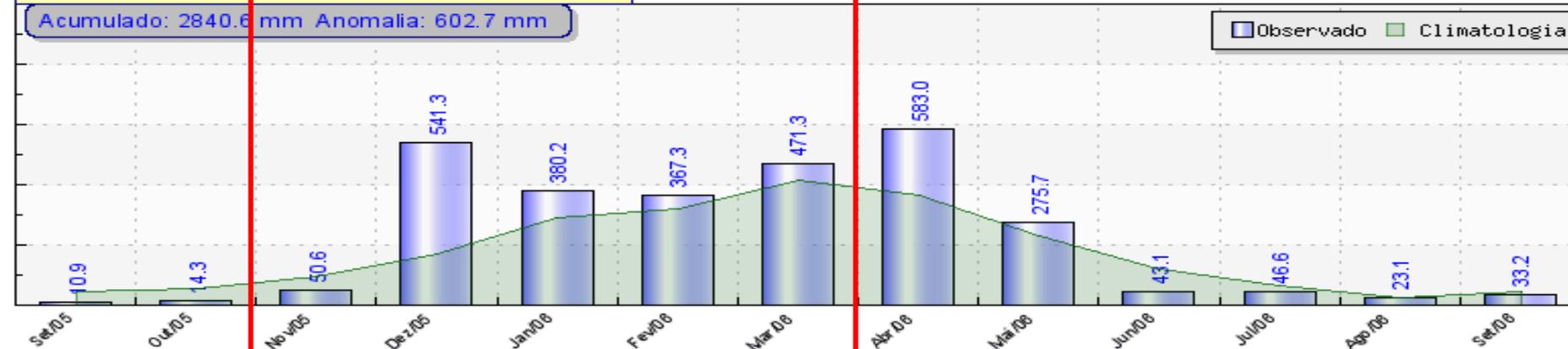
Precipitação Observada em Altamira-PA de Set/19 à Set/20

Acumulado: 2235.8 mm Anomalia: -2.09999999999995 mm



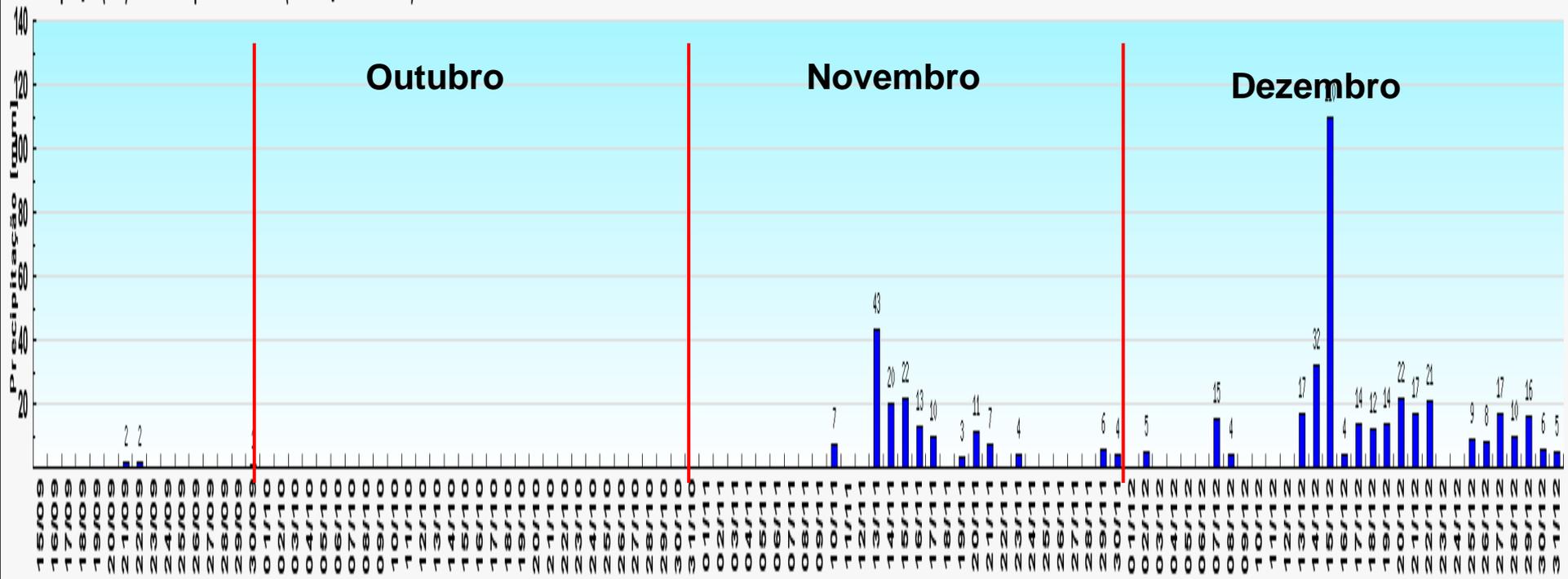
Precipitação Observada em Altamira-PA de Set/05 à Set/06

Acumulado: 2840.6 mm Anomalia: 602.7 mm





Precipitação (mm) Acumulada para Altamira-PA (Atualização: 13/09/2020)

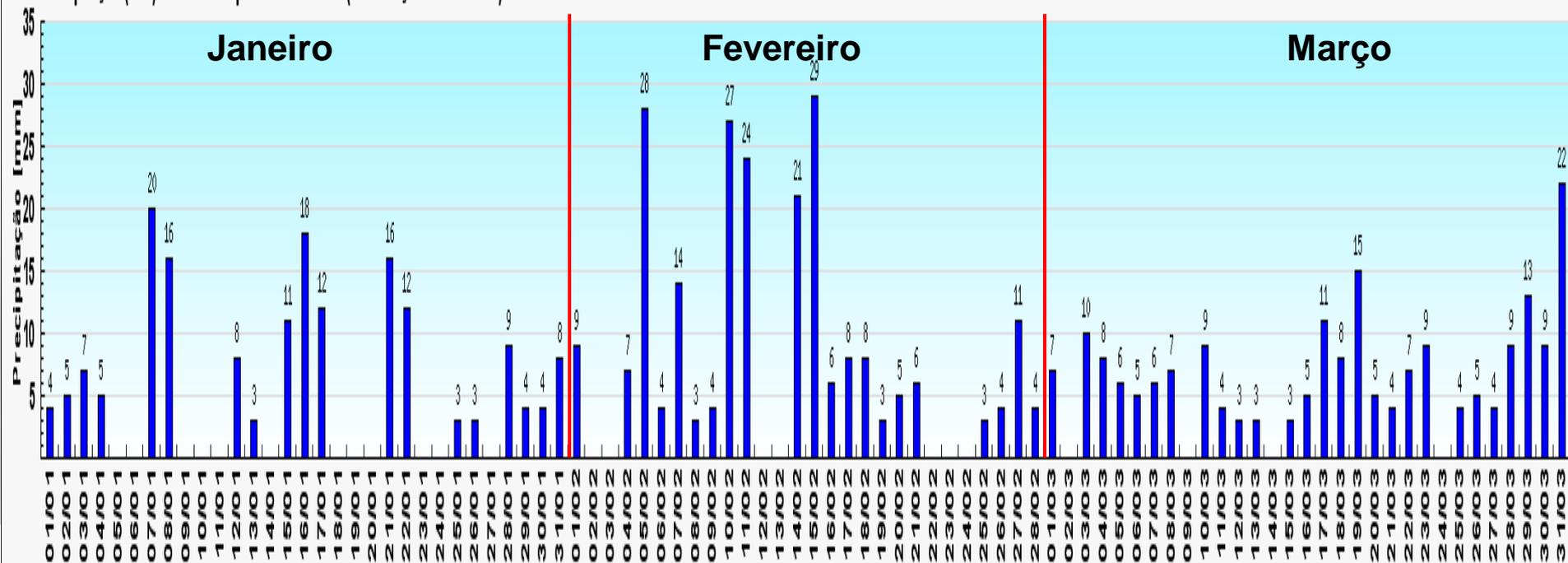


Fonte: CFSv2/NOAA (Últimas 15 simulações) - Análise: Somar Meteorologia

Altamira - PA : Janeiro a Março/2021



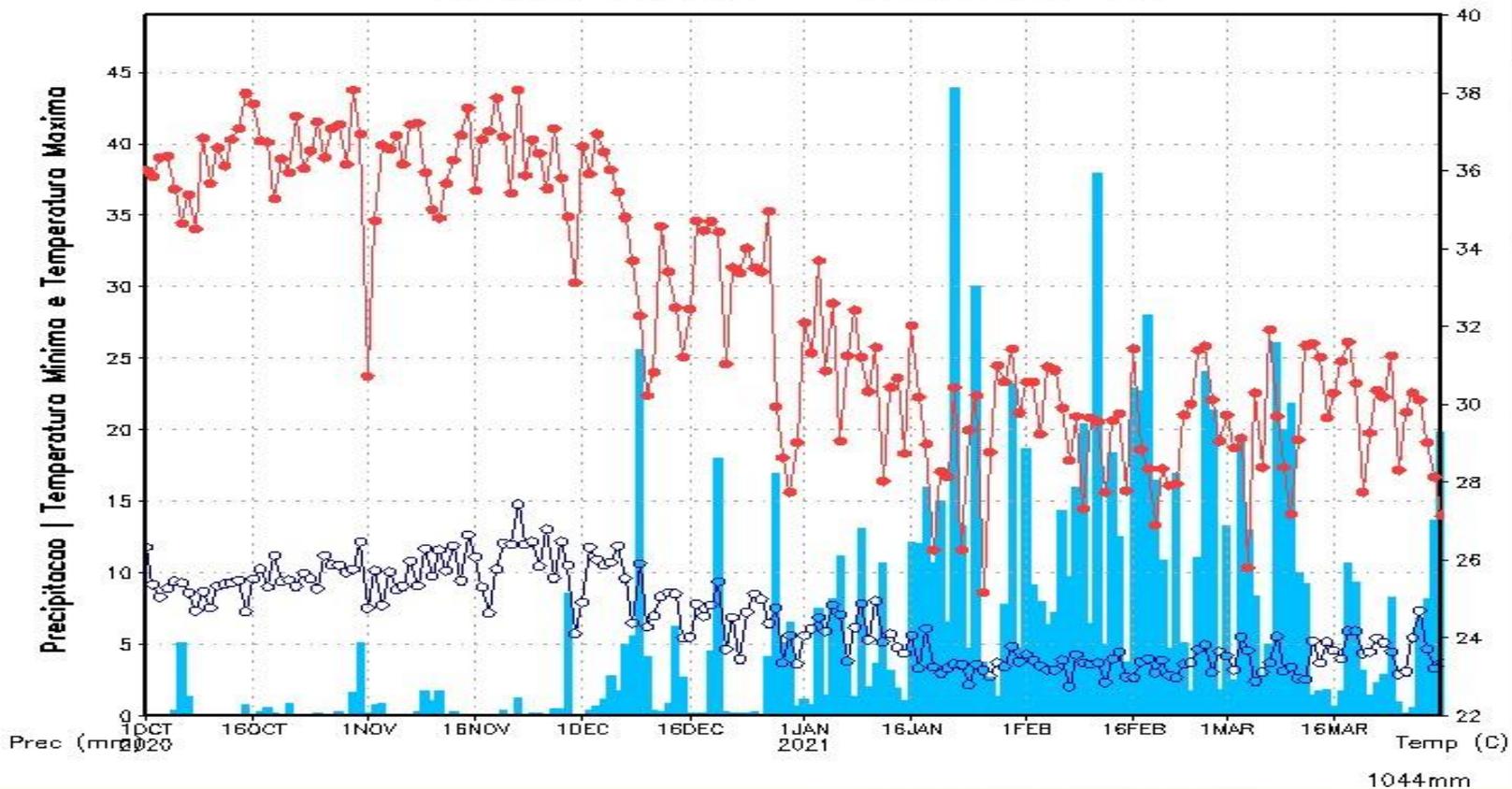
Precipitação (mm) Acumulada para Altamira-PA (Atualização: 13/09/2020)



Altamira - PA : Outubro a Março/2021



Modelo ECMWF – Altamira – PA



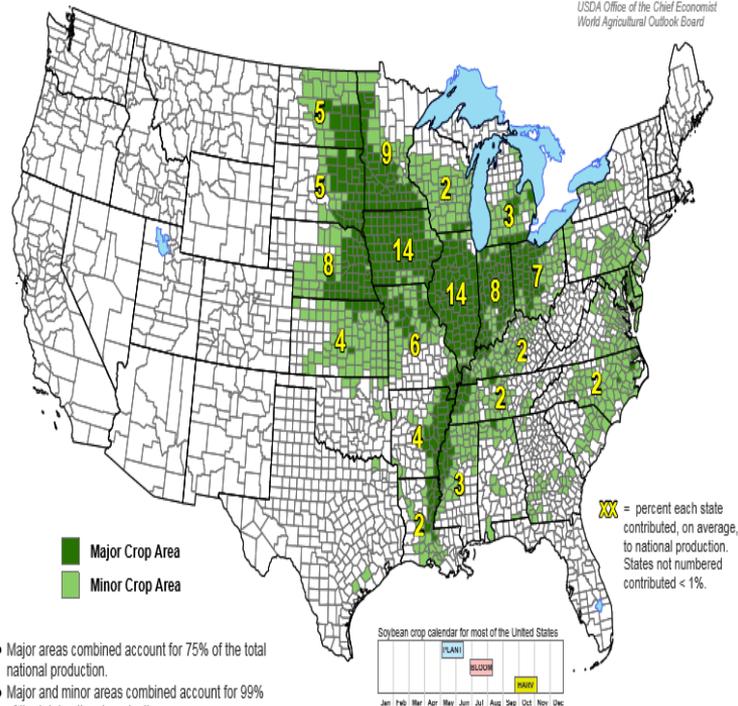
EUA: Área produtora de SOJA e MILHO



United States: Soybeans

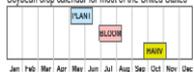


This product was prepared by the
USDA Office of the Chief Economist
World Agricultural Outlook Board



- Major areas combined account for 75% of the total national production.
- Major and minor areas combined account for 99% of the total national production.
- Major and minor areas and state production percentages are derived from NASS survey data from 2010 to 2014.

Soybean crop calendar for most of the United States

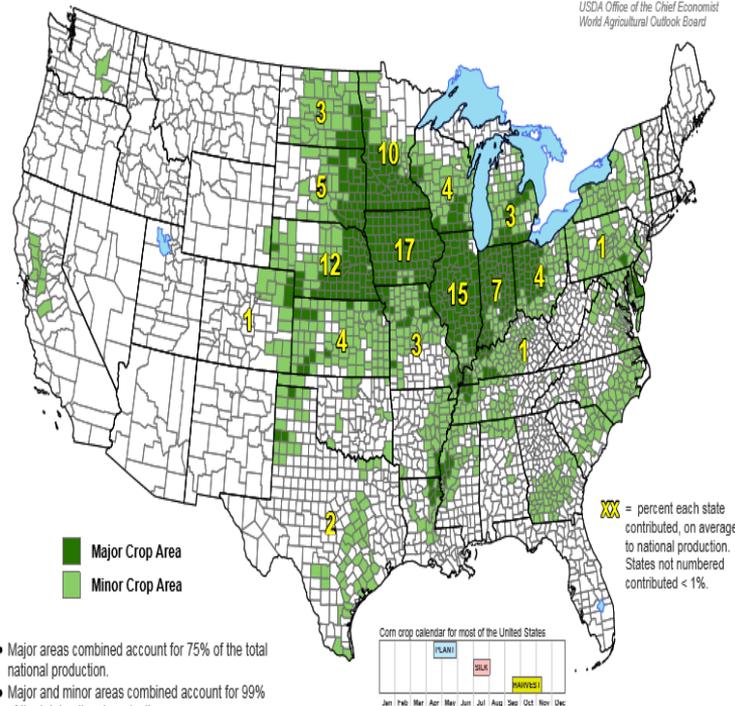


The crop calendar was developed using NASS crop progress data from 2010-2014. This calendar illustrates, on average, the dates when national progress advanced from 10 to 90 percent.

United States: Corn

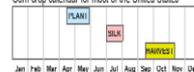


This product was prepared by the
USDA Office of the Chief Economist
World Agricultural Outlook Board



- Major areas combined account for 75% of the total national production.
- Major and minor areas combined account for 99% of the total national production.
- Major and minor areas and state production percentages are derived from NASS survey data from 2010 to 2014.

Corn crop calendar for most of the United States

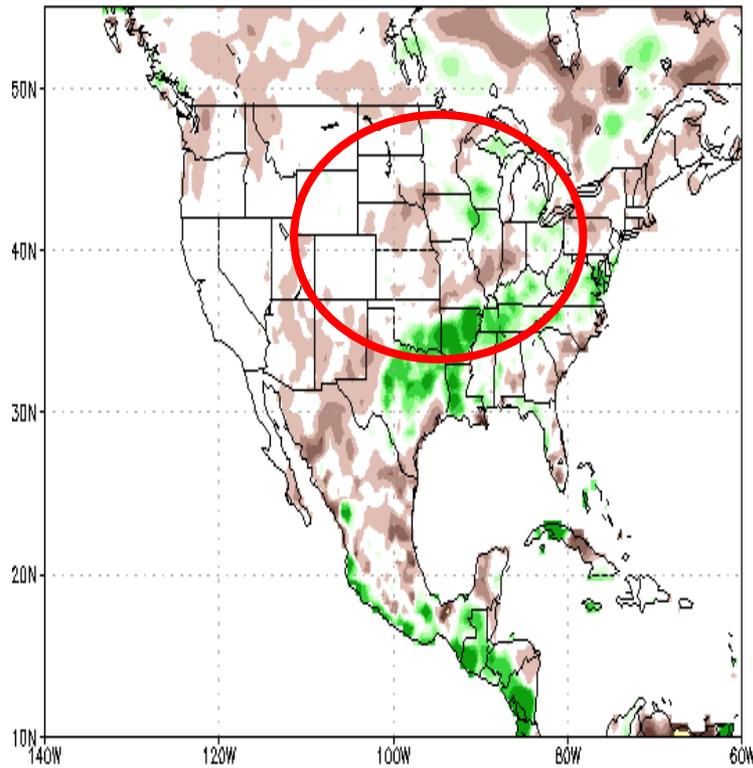


The crop calendar was developed using NASS crop progress data from 2010-2014. This calendar illustrates, on average, the dates when national progress advanced from 10 to 90 percent.

EUA: ANOMALIA CHUVA NOS ÚLTIMOS 30 e 90 DIAS

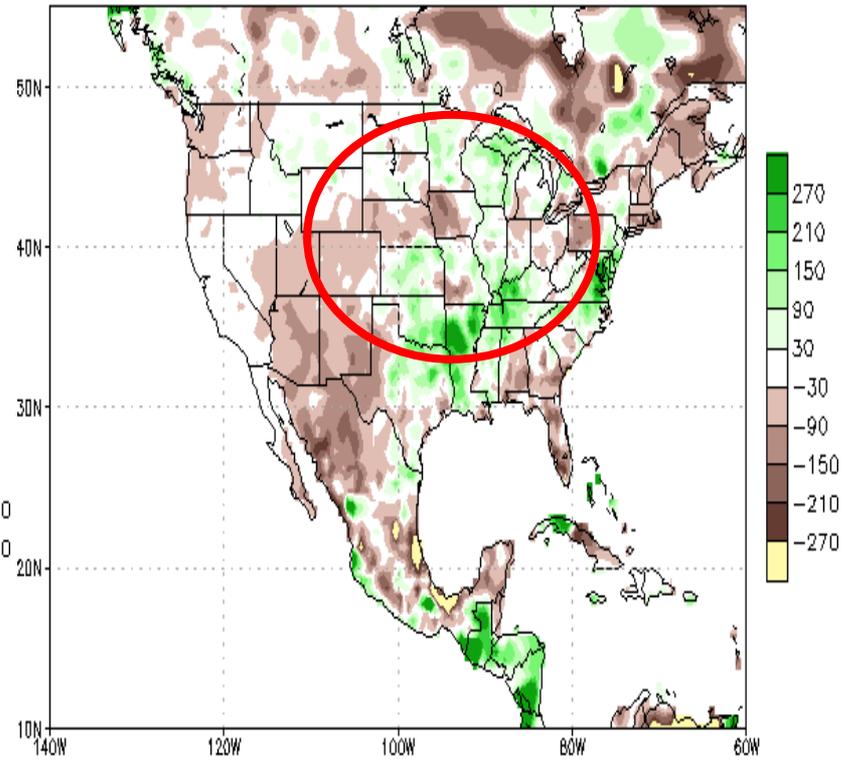


Prcp Anomalies (mm) 15AUG2020-13SEP2020



Data Source: CPC Unified (gauge-based & 0.5x0.5 deg resolution) Precipitation Analysis Climatology (1981-2010)

Prcp Anomalies (mm) 16JUN2020-13SEP2020



Data Source: CPC Unified (gauge-based & 0.5x0.5 deg resolution) Precipitation Analysis Climatology (1981-2010)

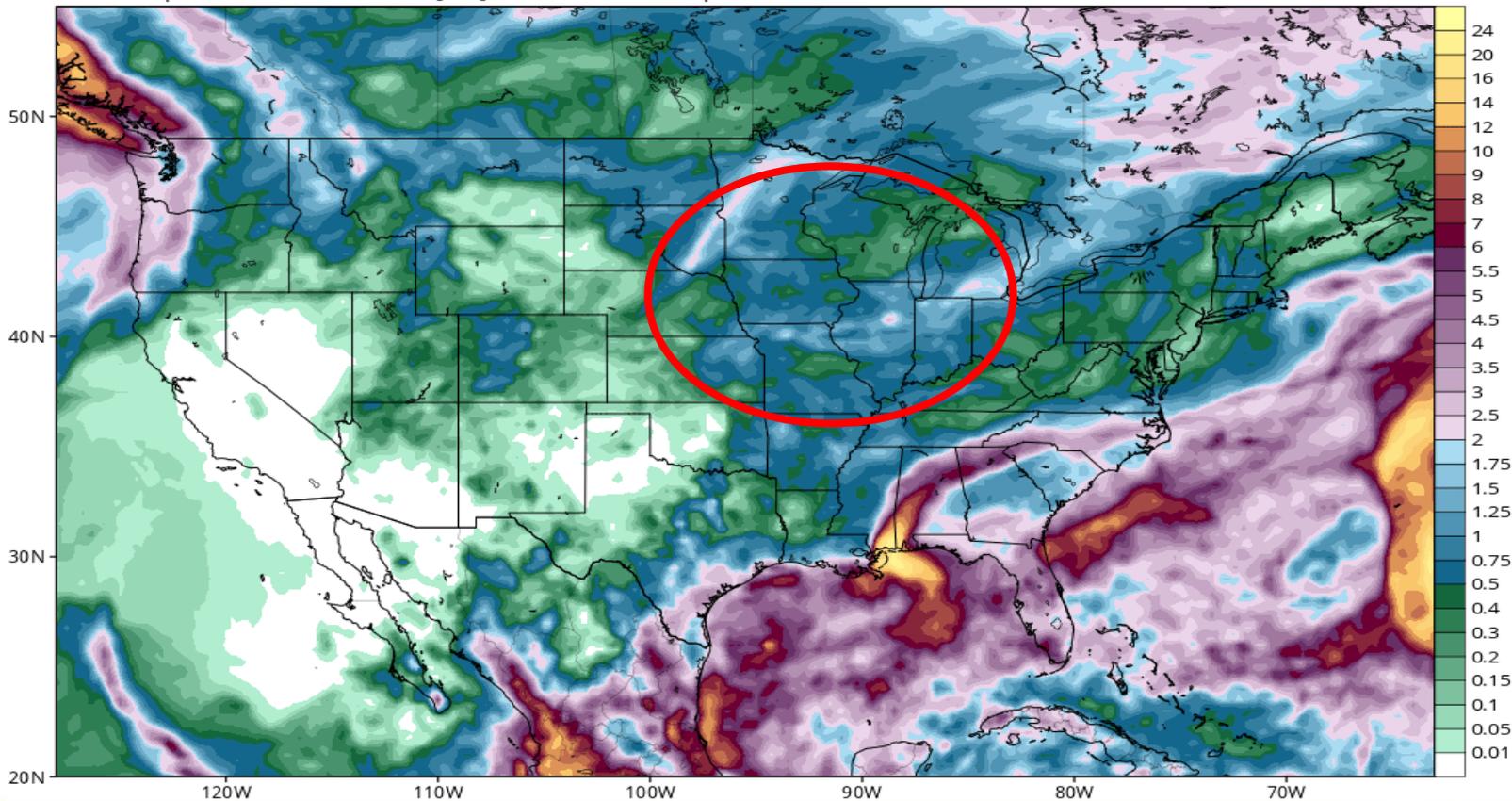
EUA: Total de chuva acumulada de 14 a 30/9



GFS Total Accumulated Precipitation (inches) from 12z14Sep2020 to 12z30Sep2020

Init: 12z Sep 14 2020 Forecast Hour: [384] valid at 12z Wed, Sep 30 2020

TROPICALTIDBITS.COM



EUA: Próximos 14 dias no sul de Illinois



Springfield 39.80°N / 89.64°W (182m snm)

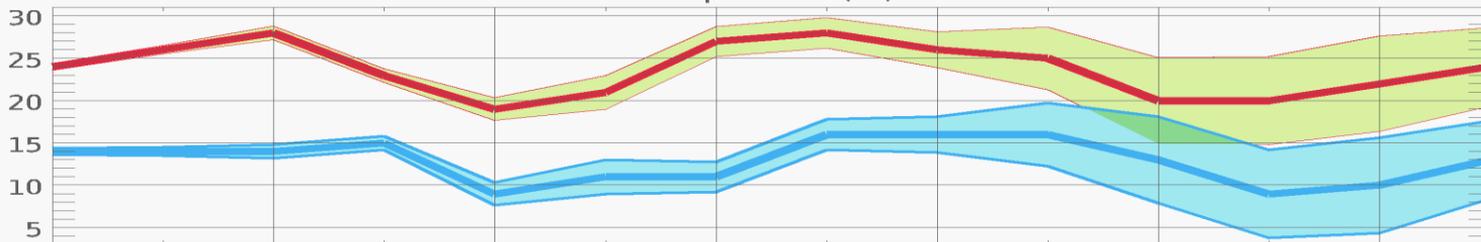
meteoblue

Seg 14.09	Ter 15.09	Qua 16.09	Qui 17.09	Sex 18.09	Sáb 19.09	Dom 20.09	Seg 21.09	Ter 22.09	Qua 23.09	Qui 24.09	Sex 25.09	Sáb 26.09	Dom 27.09
24°	26°	28°	23°	19°	21°	27°	28°	26°	25°	20°	20°	22°	24°
14°	14°	14°	15°	9°	11°	11°	16°	16°	16°	13°	9°	10°	13°

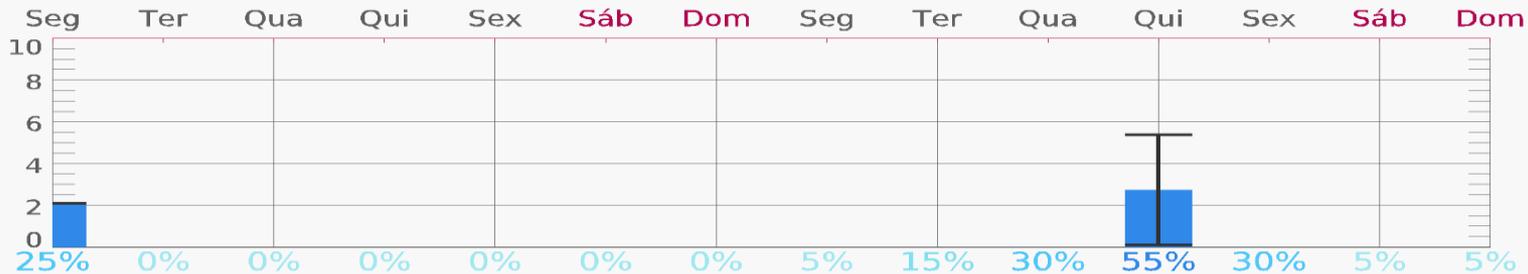
Previsibilidade



Temperatura (°C)



Precipitação (mm) / Probabilidade de precipitação (%)



EUA: Anomalia Temperatura do Ar (setembro/2020)

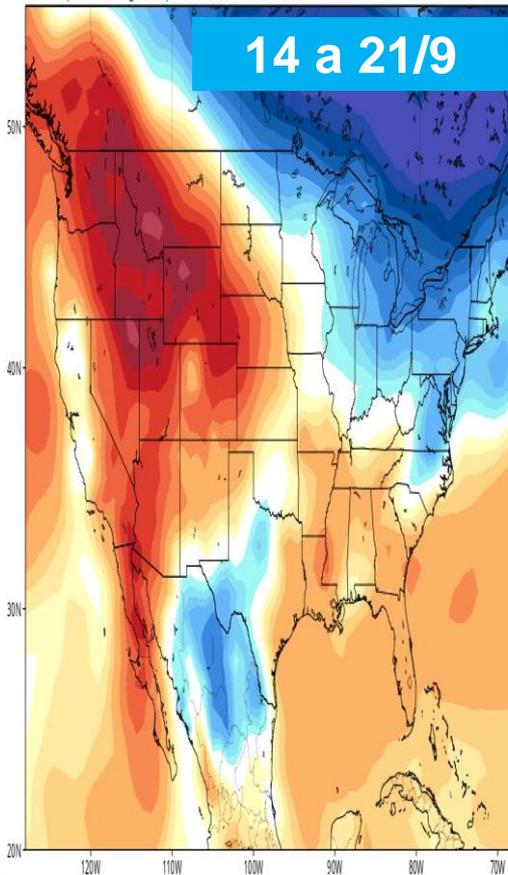


CFSv2 Mean 2m Temperature Anomaly (°C) from 12z14Sep2020 to 12z21Sep2020 (Days 1-7)

Average of last 48 forecasts (12 runs x 4 members)

Init: 18z Sep 11 2020 through 12z Sep 14 2020

TROPICALTID

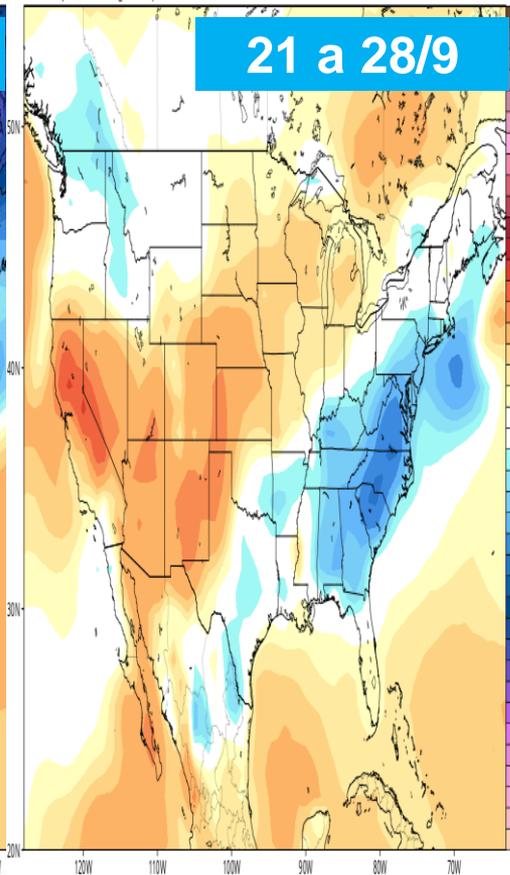


CFSv2 Mean 2m Temperature Anomaly (°C) from 12z21Sep2020 to 12z28Sep2020 (Days 8-14)

Average of last 48 forecasts (12 runs x 4 members)

Init: 18z Sep 11 2020 through 12z Sep 14 2020

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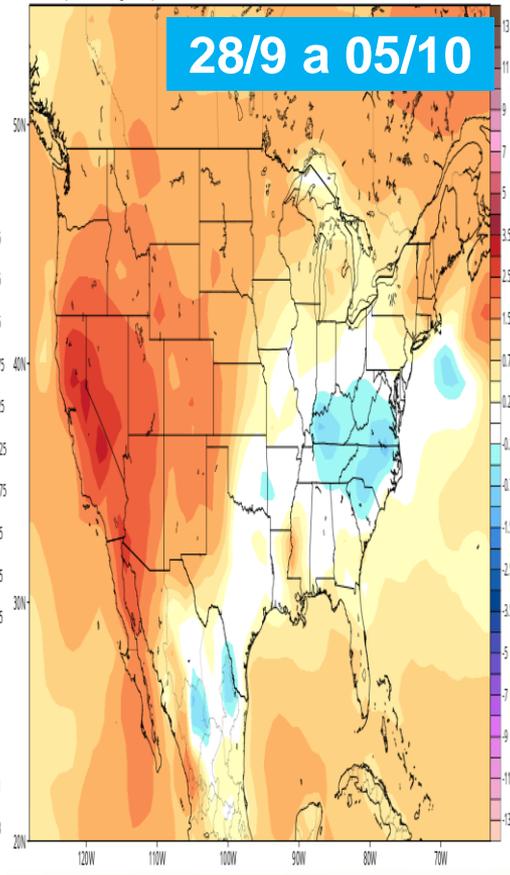


CFSv2 Mean 2m Temperature Anomaly (°C) from 12z28Sep2020 to 12z05Oct2020 (Days 15-21)

Average of last 48 forecasts (12 runs x 4 members)

Init: 18z Sep 11 2020 through 12z Sep 14 2020

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EUA: Anomalia Temperatura do Ar (outubro/2020)

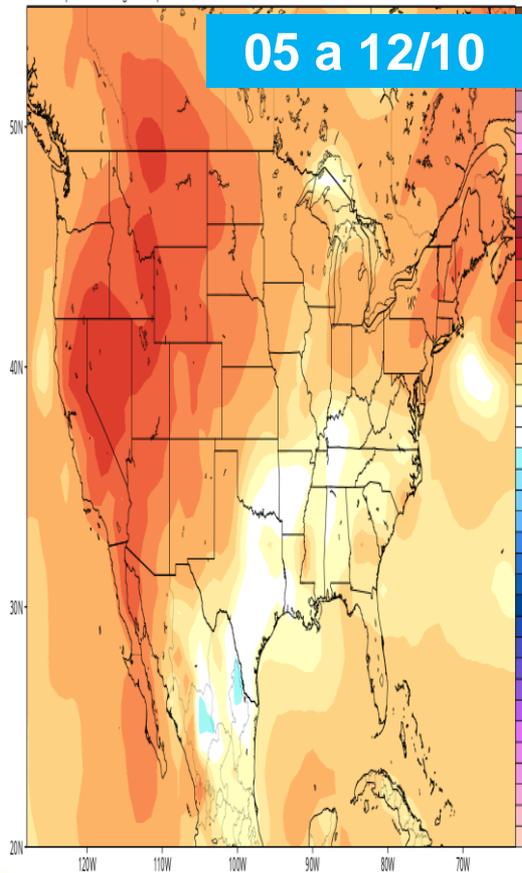


CFSv2 Mean 2m Temperature Anomaly (°C) from 12z05Oct2020 to 12z12Oct2020 (Days 22-28)

Average of last 48 forecasts (12 runs x 4 members)

Init: 18z Sep 11 2020 through 12z Sep 14 2020

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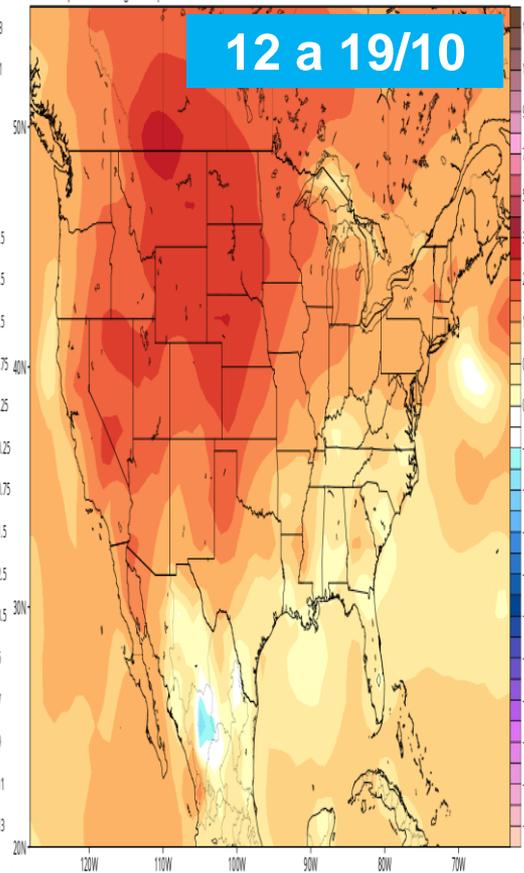


CFSv2 Mean 2m Temperature Anomaly (°C) from 12z12Oct2020 to 12z19Oct2020 (Days 29-35)

Average of last 48 forecasts (12 runs x 4 members)

Init: 18z Sep 11 2020 through 12z Sep 14 2020

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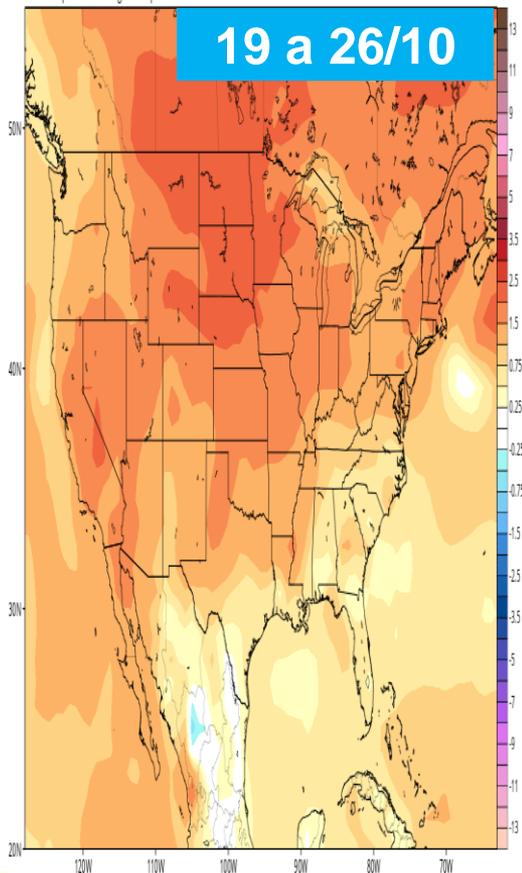


CFSv2 Mean 2m Temperature Anomaly (°C) from 12z19Oct2020 to 12z26Oct2020 (Days 36-42)

Average of last 48 forecasts (12 runs x 4 members)

Init: 18z Sep 11 2020 through 12z Sep 14 2020

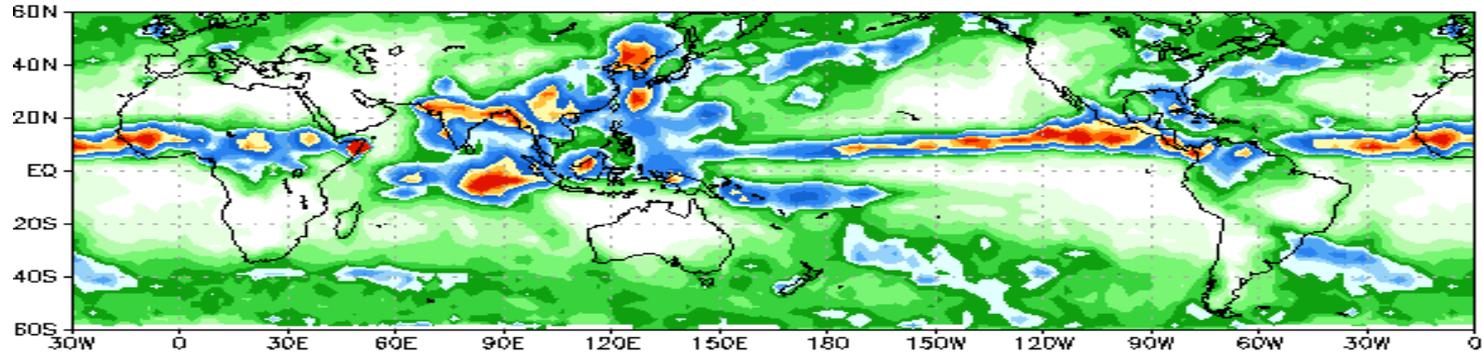
TROPICALTIDBITS.COM



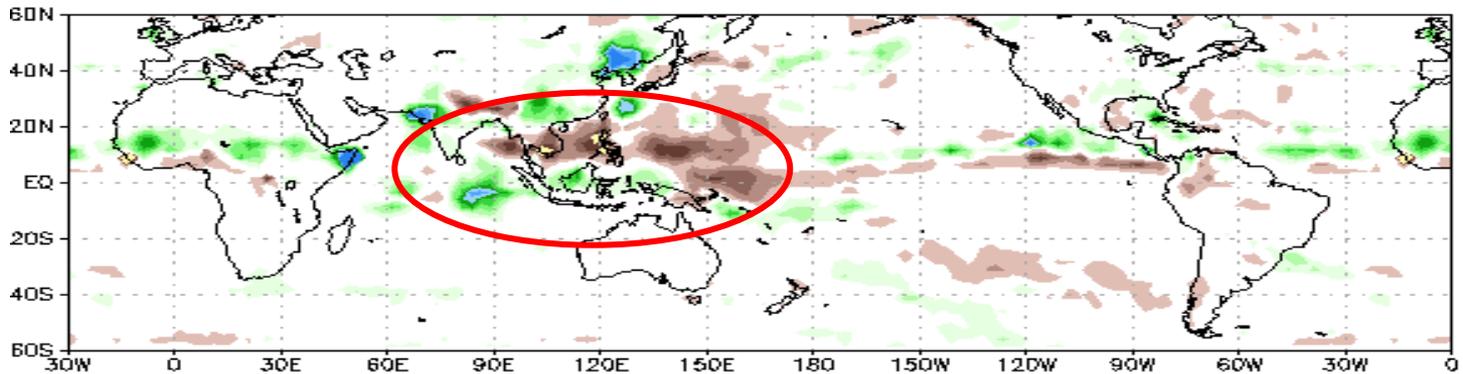
Chuva GLOBO: Acumulado e anomalia 30 dias



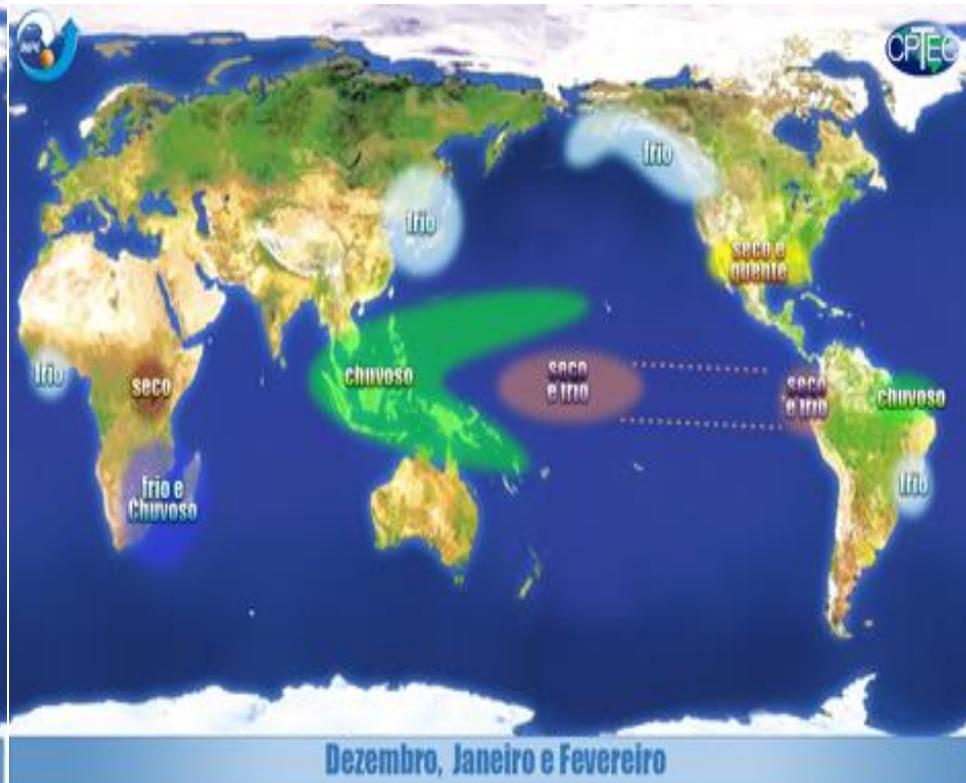
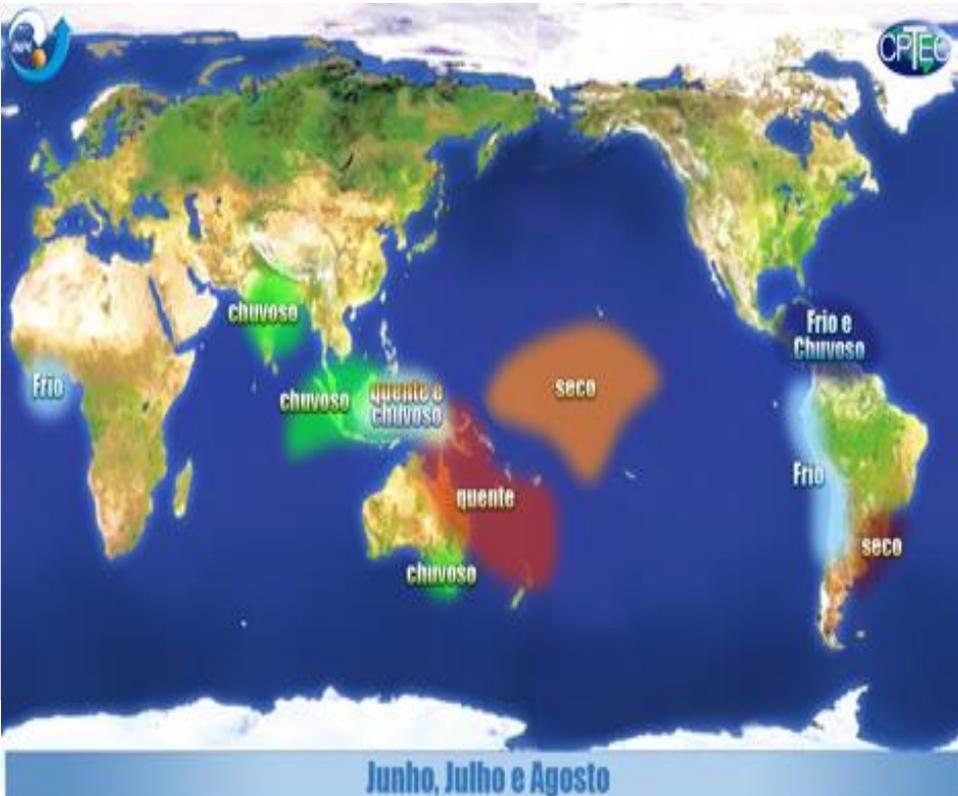
Accumulated Prop (mm) 11AUG2020 - 10SEP2020



Prop Anomalies (mm) 11AUG2020 - 10SEP2020



Data Source: NCEP CMAP Precipitation
Climatology (1979-1995)



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WWW.SOMARMETEOROLOGIA.COM.BR

The logo for Somar Meteorologia is centered in a dark blue square. It features the word "somar" in a white, lowercase, sans-serif font. Above the letter 'a' in "somar" are three small yellow dots. Below "somar" is the word "METEOROLOGIA" in a smaller, yellow, uppercase, sans-serif font.

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