

Anomalias de precipitação mm/day								
SJ do rio preto			Area	Quartil de baixo	Quartil de cima			
Ano	Anomalia		SJ Rio Preto	-22,692022	19,822495			
1983	-94,552109							
1982	-88,255402							
2017	-76,842285							
2018	-67,56942							
1985	-42,019043							
1996	-40,154625							
1989	-38,575768							
1981	-34,176022							
1984	-22,761862							
2019	-21,715336							
2001	-16,771624							
2012	-13,520357							
1988	-12,78886							
1987	-10,757964							
2010	-0,736763							
1993	-0,424369							
2000	1,645298							
1999	3,783999							
1998	7,305499							
1994	15,349397							
2015	15,540248							
1997	16,571913							
2020	19,822495							
2011	21,759975							
1992	22,087685							

### Anomalia versus Ano

Ano	Anomalia
1983	-94,552109
1982	-88,255402
2017	-76,842285
2018	-67,56942
1985	-42,019043
1996	-40,154625
1989	-38,575768
1981	-34,176022
1984	-22,761862
2019	-21,715336
2001	-16,771624
2012	-13,520357
1988	-12,78886
1987	-10,757964
2010	-0,736763
1993	-0,424369
2000	1,645298
1999	3,783999
1998	7,305499
1994	15,349397
2015	15,540248
1997	16,571913
2020	19,822495
2011	21,759975
1992	22,087685

	2006	22,118652						
	2004	27,519167						
	1991	30,264429						
	2016	35,52636						
	2007	36,256054						
	2003	41,455101						
	1986	47,734619						
	2009	52,322525						
	2014	55,986431						
	2008	60,856979						
	2013	80,440208						
	2002	82,520912						
	1990	94,196938						
	2005	108,324539						
	1995	142,632202						

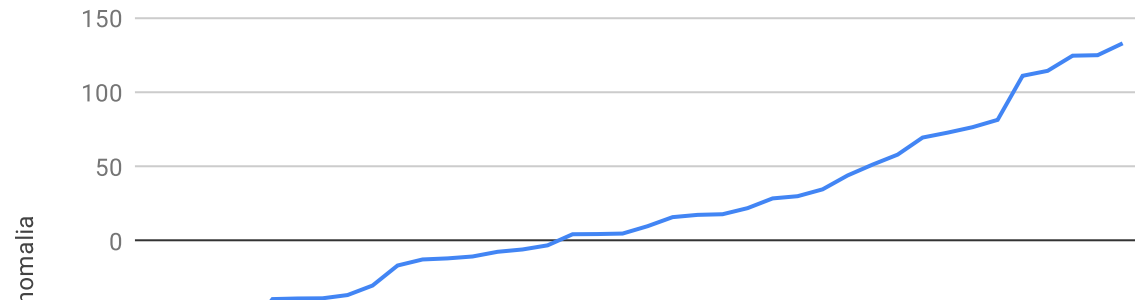
Ribeirao Preto		
Ano	Anomalia	
2018	-115,682411	
1982	-108,14032	
2017	-90,499756	
1983	-61,353268	
2019	-60,72958	
1985	-38,96653	
1996	-38,551266	
1994	-38,431873	
1989	-36,243576	
1984	-29,849958	
2001	-16,384726	
1988	-12,31483	

Ribeirao Preto

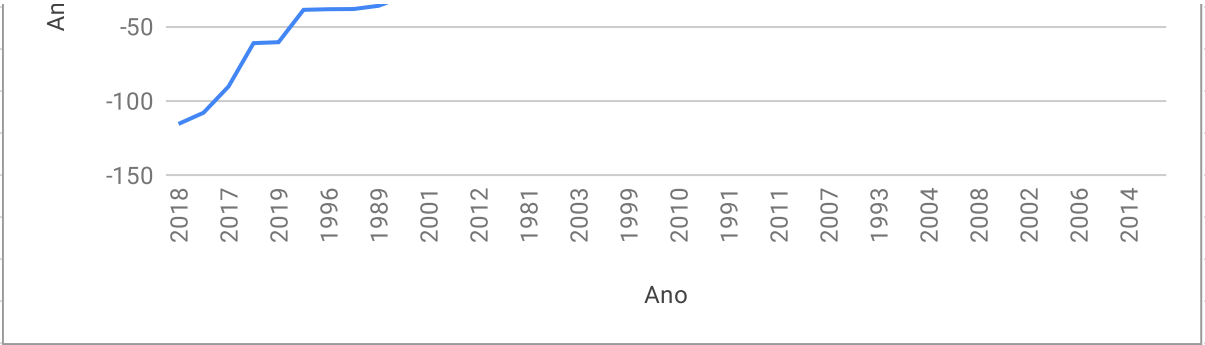
-26,553211

19,471628

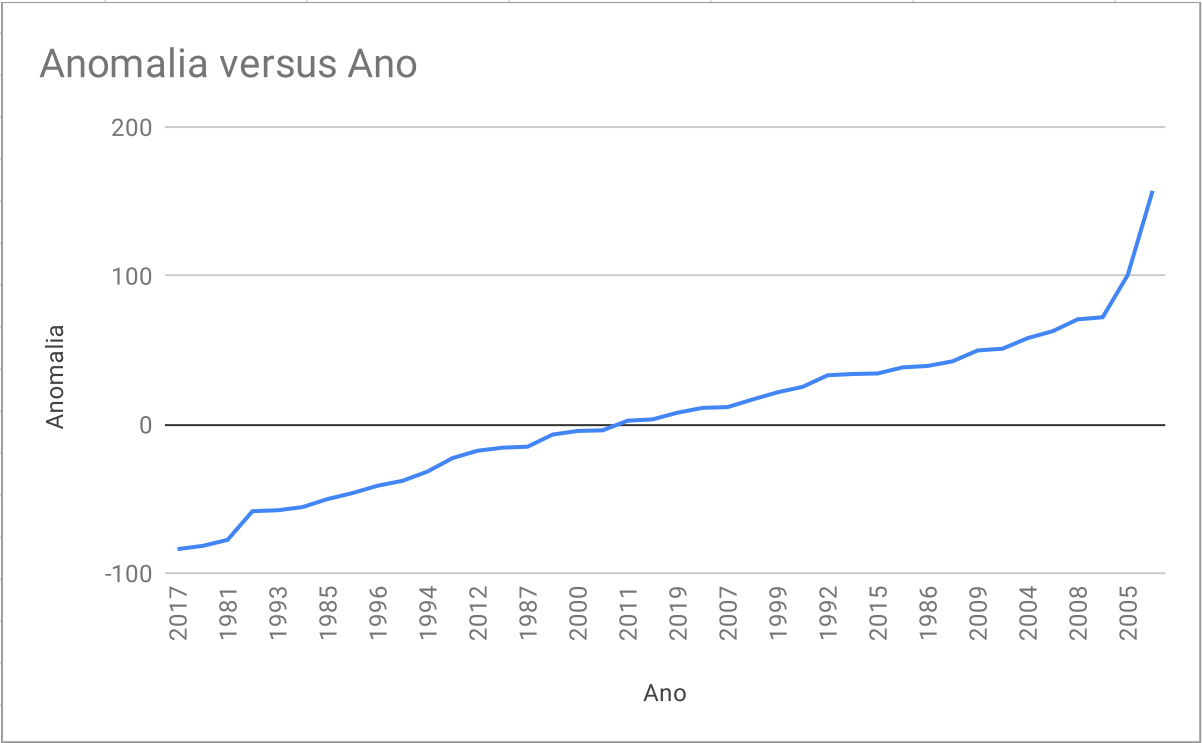
Anomalia versus Ano



	2012	-11,593092
	1987	-10,313352
	1981	-7,165276
	1997	-5,591313
	2003	-2,823699
	2000	4,639494
	1999	4,768644
	2015	5,098676
	2010	10,058534
	1998	16,143627
	1991	17,670317
	2020	18,096979
	2011	22,196142
	1986	28,733013
	2007	30,223679
	1992	34,834179
	1993	44,178734
	2016	51,46912
	2004	58,166435
	2005	69,659737
	2008	72,959282
	2009	76,640305
	2002	81,561409
	2013	111,183182
	2006	114,508949
	1995	124,700577
	2014	125,039772
	1990	133,001877
Aracatuba		

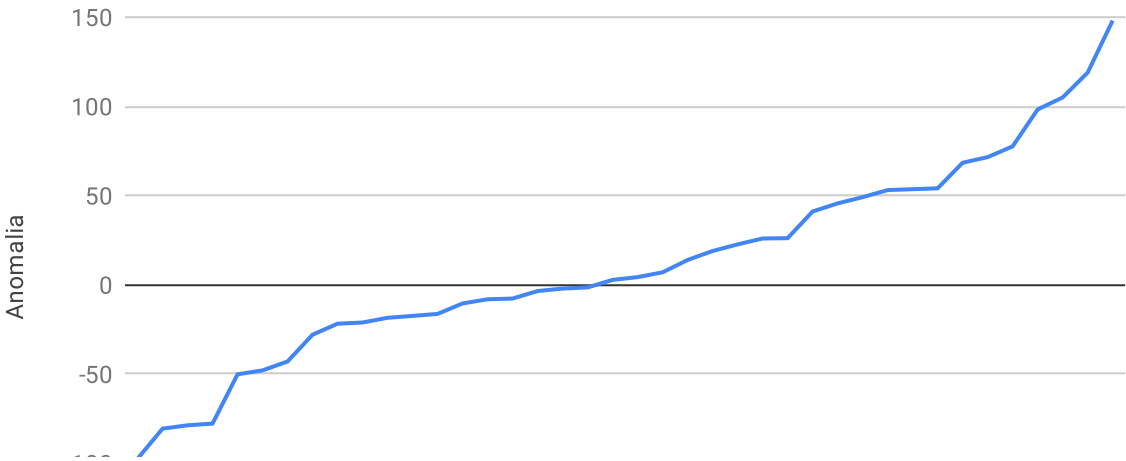


Ano	Anomalia						
2017	-83,895897						
1983	-81,735741	Aracatuba	-24,591909	21,829807			
1981	-77,69072						
2018	-58,369949						
1993	-57,77327						
1982	-55,617954						
1985	-50,216637						
2006	-46,189823						
1996	-41,278542						
1989	-37,952709						
1994	-31,709274						
2001	-22,673531						
2012	-17,741175						
1988	-15,680887						
1987	-15,022238						
2010	-6,882295						
2000	-4,435066						
1984	-4,024995						
2011	2,459276						
2020	3,36128						
2019	7,85281						
1997	11,088508						
2007	11,607364						
1998	16,717724						
1999	21,569731						
2016	25,204327						
1992	32,997883						
2014	33,849743						
2015	34,209709						



	1991	38,319046						
	1986	39,272671						
	2003	42,400253						
	2009	49,680073						
	2002	50,878868						
	2004	57,965046						
	2013	62,626835						
	2008	70,621803						
	1990	71,994843						
	2005	100,283653						
	1995	157,035812						
	Bauru							
	Ano	Anomalia						
	2018	-97,522789						
	1983	-80,644936	Bauru	-25,196358	23,968426			
	2017	-78,767769						
	1982	-77,821907						
	1985	-50,193642						
	1989	-47,989162						
	2001	-43,003586						
	1996	-27,998802						
	2012	-21,838339						
	2019	-21,164549						
	1988	-18,526226						
	1987	-17,473637						
	1992	-16,357141						
	1997	-10,488678						
	2011	-8,156599						
	2000	-7,744854						

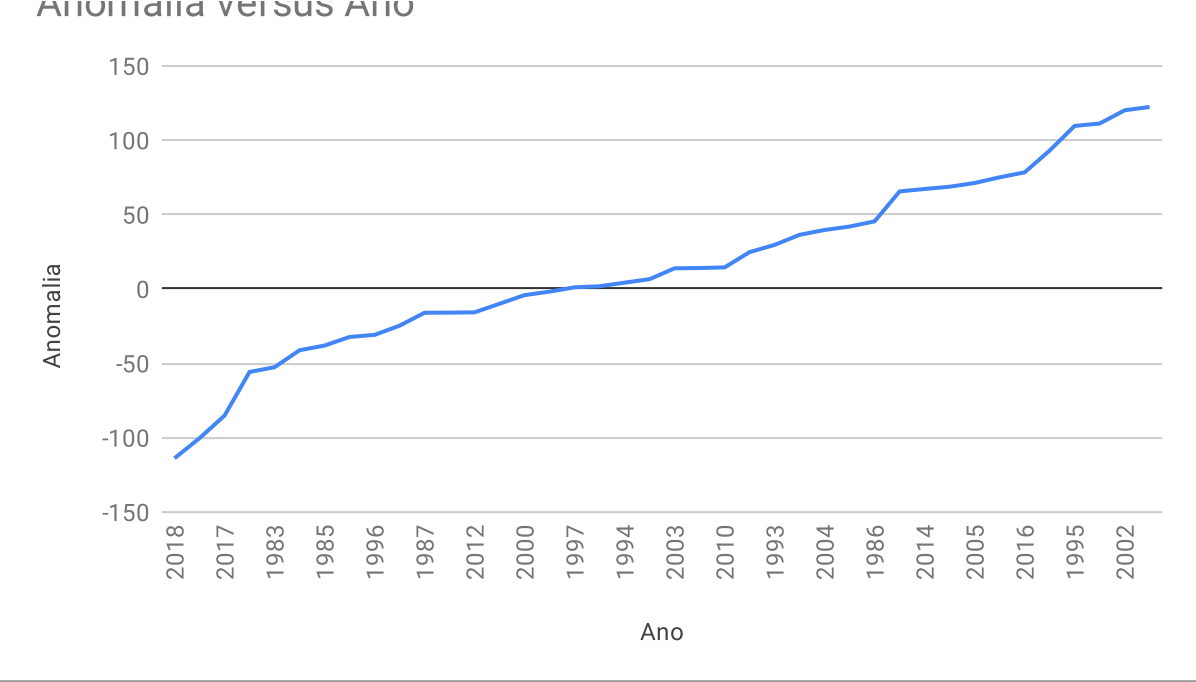
Anomalia versus Ano



	1981	-3,540182		-100	2018	2017	1985	2001	2012	1988	1992	2011	1981	2020	2006	1999	2007	1986	1994	2004	2008	2003	1998	2013	
	2014	-2,16193																							
	2020	-1,503883																							
	1993	2,721152																							
	2006	4,256921																							
	1984	6,952675																							
	1999	13,867126																							
	1991	18,899549																							
	2007	22,602274																							
	2015	25,907621																							
	1986	26,086361																							
	2016	41,026363																							
	1994	45,584705																							
	1995	49,055054																							
	2004	53,037685																							
	2010	53,521656																							
	2008	54,014874																							
	1990	68,350784																							
	2003	71,502556																							
	2005	77,5261																							
	1998	98,201225																							
	2002	104,925591																							
	2013	118,834991																							
	2009	148,011871																							
	Araraquara																								
	Ano	Anomalia																							
	2018	-113,83857			Araraquara				-24,694294					20,017117											
	1982	-100,329849																							
	2017	-85,133224																							

Anomalia versus Ano

	2019	-55,819973
	1983	-52,623333
	1989	-41,207802
	1985	-38,066921
	2001	-32,278034
	1996	-30,885502
	1984	-24,694294
	1987	-15,994613
	1988	-15,919773
	2012	-15,726863
	2020	-9,937047
	2000	-4,145407
	1981	-1,800551
	1997	1,113978
	1999	1,80655
	1994	4,235407
	1992	6,576253
	2003	13,885743
	2011	14,077576
	2010	14,486224
	1998	24,780176
	1993	29,622425
	2015	36,401432
	2004	39,656914
	1991	41,972801
	1986	45,453087
	2008	65,581947
	2014	67,218521
	2007	68,745193
	2005	71,233582



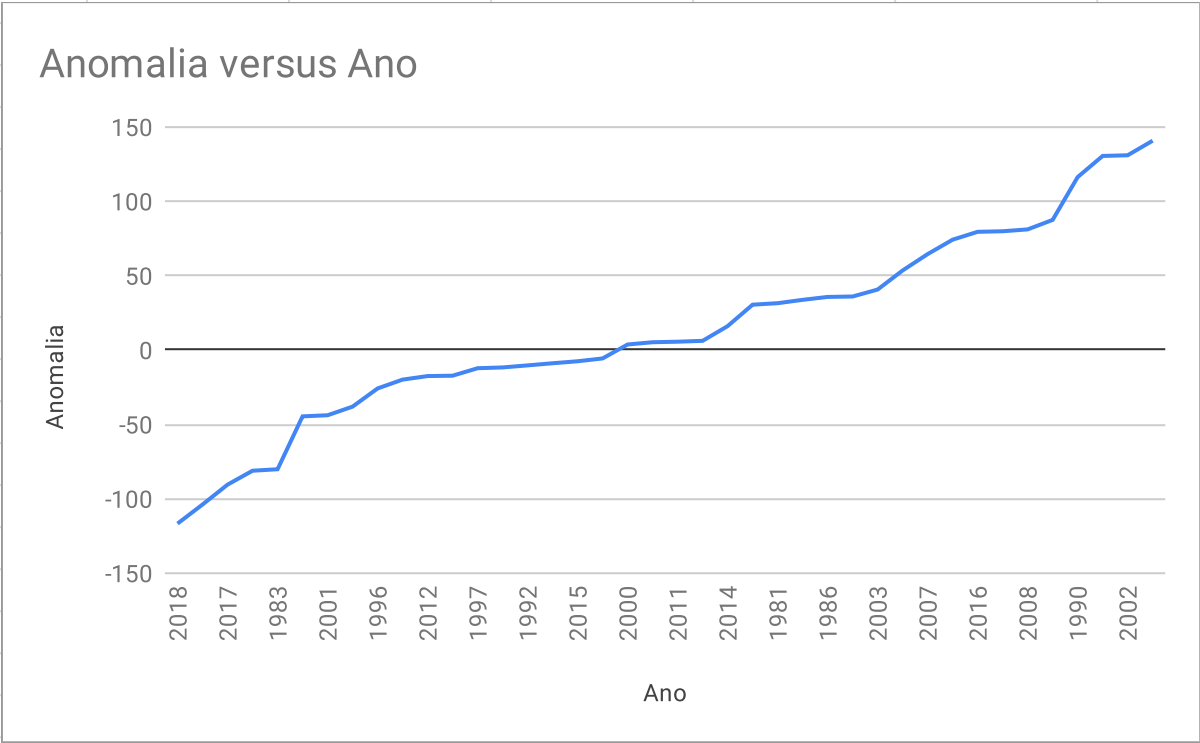
2006	75,076927
2016	78,382858
1990	93,044319
1995	109,62603
2009	111,236122
2002	120,139374
2013	122,360435

Piracicaba	
Ano	Anomalia
2018	-116,668793
1982	-103,841812
2017	-90,486214
2019	-81,121521
1983	-80,143669
1989	-44,570389
2001	-43,830479
1985	-38,040047
1996	-25,815636
1988	-19,865852
2012	-17,487638
1987	-17,237362
1997	-12,207424
1994	-11,675365
1992	-10,302163
1984	-8,863319
2015	-7,524885
2020	-5,630117
2000	3,747881
1999	5,266759

Piracicaba

-24,135187

25,884441





	2011	5,624503						
	1993	6,195805						
	2014	16,09791						
	1991	30,524666						
	1981	31,514786						
	1995	33,774109						
	1986	35,73241						
	2005	36,022747						
	2003	40,692154						
	2010	53,515244						
	2007	64,528862						
	2004	74,217384						
	2016	79,518036						
	2006	79,885628						
	2008	81,138565						
	1998	87,517578						
	1990	116,298508						
	2009	130,530655						
	2002	130,982697						
	2013	140,767883						
	Campinas							
	Ano	Anomalia						
	2018	-130,722534	Campinas	-26,88339	24,031481			
	1982	-103,034439						
	2017	-92,708656						
	2019	-88,893272						
	1983	-63,668354						
	1989	-44,696953						
	1985	-42,258766						

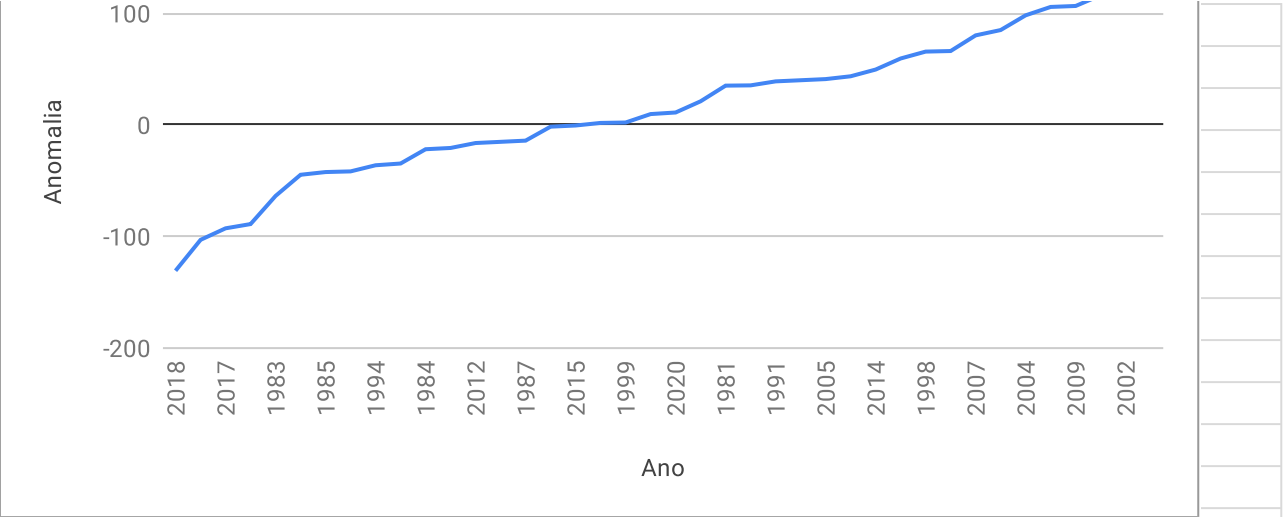
### Anomalia versus Ano

200

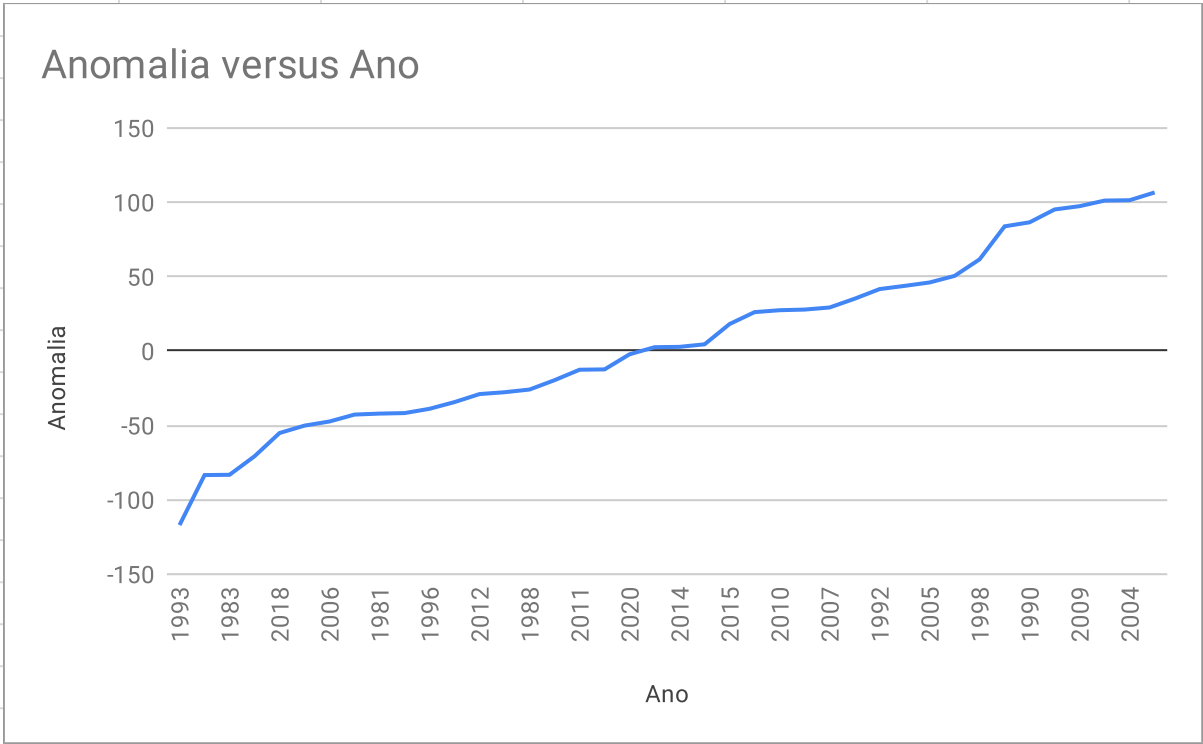
100



	2001	-41,664825
	1994	-36,170544
	1996	-34,605961
	1984	-21,802668
	1997	-20,653061
	2012	-16,231277
	1988	-15,16292
	1987	-14,088249
	1993	-1,563126
	2015	-0,524863
	2003	1,792747
	1999	2,166326
	2000	9,721614
	2020	11,135606
	2011	21,186117
	1981	35,220074
	1992	35,459866
	1991	39,039009
	2010	40,054646
	2005	41,083748
	1986	43,604679
	2014	49,629536
	2006	59,552536
	1998	65,732841
	2008	66,244934
	2007	80,28241
	1995	85,051994
	2004	98,25811
	2016	105,775009
	2009	106,640648

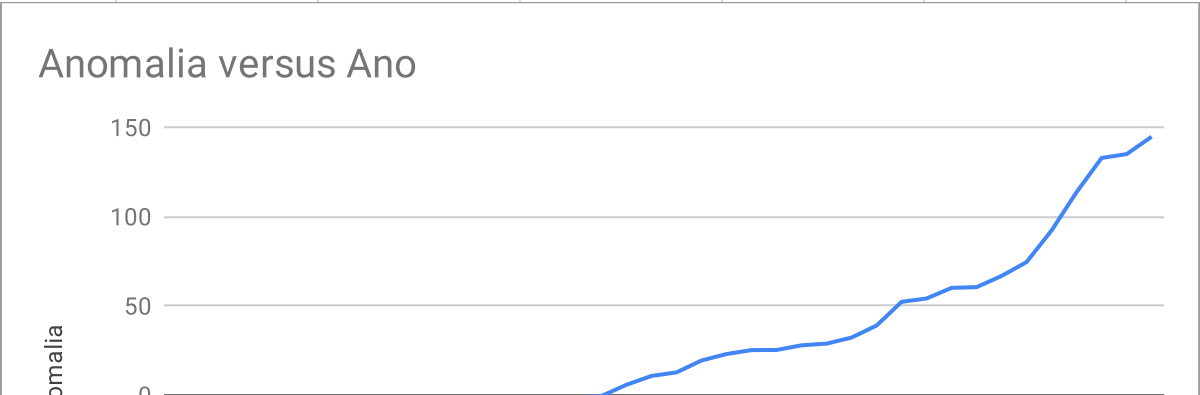


	1990	116,183868
	2002	117,289398
	2013	140,310135
Presidente Prudente		
Ano	Anomalia	
1993	-117,024315	
2017	-83,4076	
1983	-83,215919	
1985	-70,739906	
2018	-55,129932	
1989	-50,140079	
2006	-47,369263	
2001	-42,726536	
1981	-42,067829	
1982	-41,728905	
1996	-38,838005	
2016	-34,32291	
2012	-28,927902	
1994	-27,699104	
1988	-25,888525	
1987	-19,587486	
2011	-12,56954	
1997	-12,340076	
2020	-2,1769	
2000	2,577317	
2014	2,803146	
1991	4,518311	
2015	18,15139	
1984	26,161648	

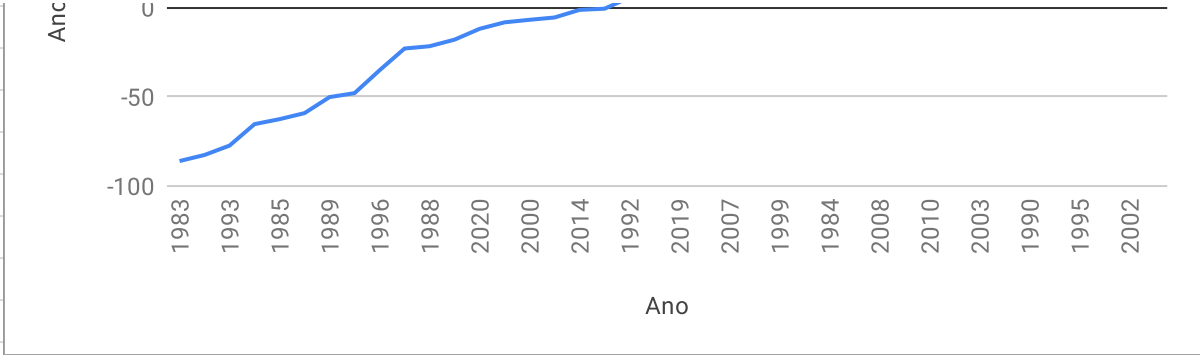


	2010	27,440376						
	2019	27,875648						
	2007	29,277075						
	1999	35,167183						
	1992	41,656147						
	1986	43,805027						
	2005	46,104443						
	2008	50,528133						
	1998	61,66573						
	1995	83,850868						
	1990	86,55027						
	2003	95,196198						
	2009	97,406906						
	2013	101,170364						
	2004	101,402069						
	2002	106,622467						

	Marilia							
	Ano	Anomalia						
	1983	-86,031914	Marilia	-27,647301	23,305645			
	2017	-82,636856						
	1993	-77,378891						
	2018	-65,343269						
	1985	-62,564148						
	1982	-59,176235						
	1989	-50,204094						
	2001	-47,985622						
	1996	-35,176533						
	2012	-22,97941						
	1988	-21,69763						

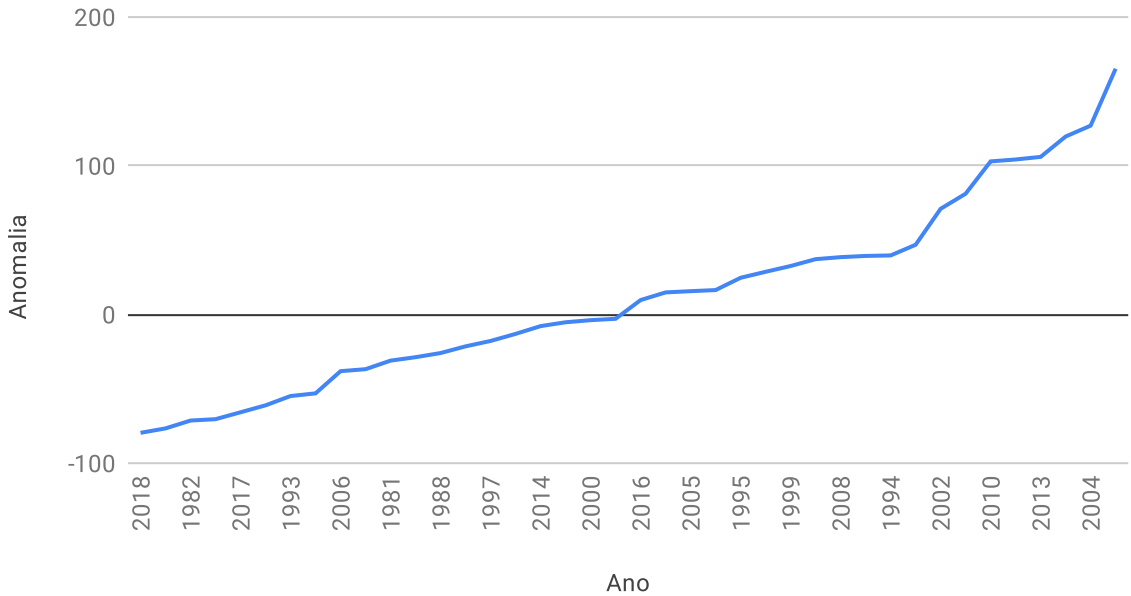


	1987	-18,010904
	2020	-11,953056
	1997	-8,310223
	2000	-6,891213
	2011	-5,593438
	2014	-1,326311
	2006	-0,675699
	1992	5,632601
	1981	10,548907
	2019	12,563086
	1991	19,217693
	2007	22,829235
	1994	25,037476
	1999	25,08214
	1986	27,731205
	1984	28,649775
	2016	32,052788
	2008	38,799488
	2015	52,074234
	2010	53,961216
	1998	59,907082
	2003	60,310764
	2005	66,588875
	1990	74,370003
	2004	92,101814
	1995	113,588821
	2009	132,693329
	2002	134,845963
	2013	144,58696



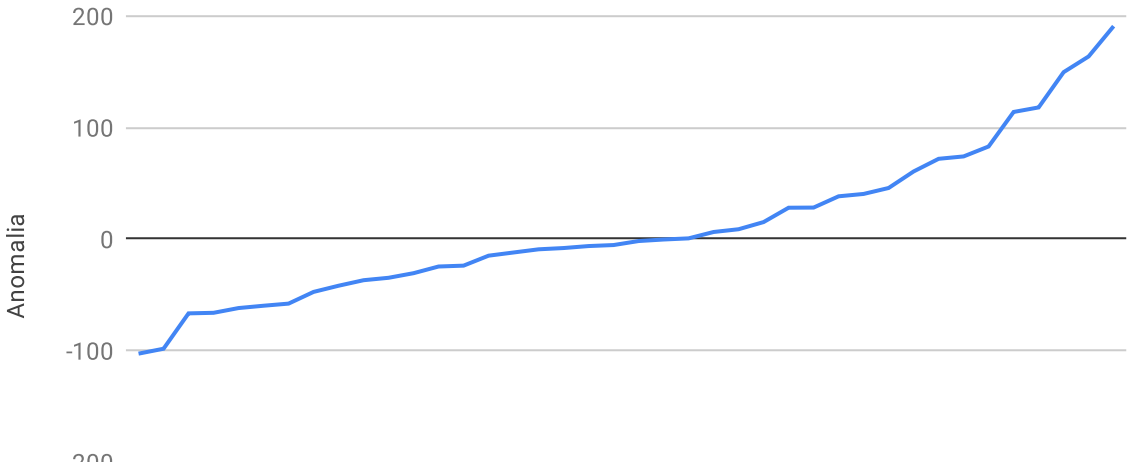
Assis								
Ano	Anomalia							
2018	-79,648865	Assis	-32,214783	27,879414				
1983	-76,678635							
1982	-71,396828							
1985	-70,480545							
2017	-65,834625							
1989	-61,172546							
1993	-54,917179							
2001	-53,118526							
2006	-38,20554							
1996	-36,86797							
1981	-31,11138							
2012	-28,798353							
1988	-26,01676							
1987	-21,517481							
1997	-17,879307							
2011	-13,136626							
2014	-7,903289							
2019	-5,318221							
2000	-3,909885							
2020	-2,988011							
2016	9,602626							
2015	14,758904							
2005	15,587909							
1991	16,330956							
1995	24,597357							
1986	28,614885							
1999	32,508102							
1992	37,098606							

Anomalia versus Ano



	2008	38,470119						
	1984	39,28252						
	1994	39,618259						
	2007	46,783447						
	2002	70,964447						
	1990	81,124786						
	2010	102,851173						
	2003	104,139206						
	2013	105,883354						
	1998	119,569122						
	2004	126,895752						
	2009	165,156036						
Itapetininga								
Ano	Anomalia							
1993	-102,684845	Itapetininga	-30,747337	26,823214				
2018	-98,279358							
2001	-66,57473							
2017	-66,070168							
1982	-61,809948							
1983	-59,728836							
1995	-57,828533							
1985	-47,333195							
1989	-41,794754							
2019	-36,846951							
1996	-34,674343							
2012	-30,546322							
1988	-24,560493							
2006	-23,784269							
1987	-14,851181							

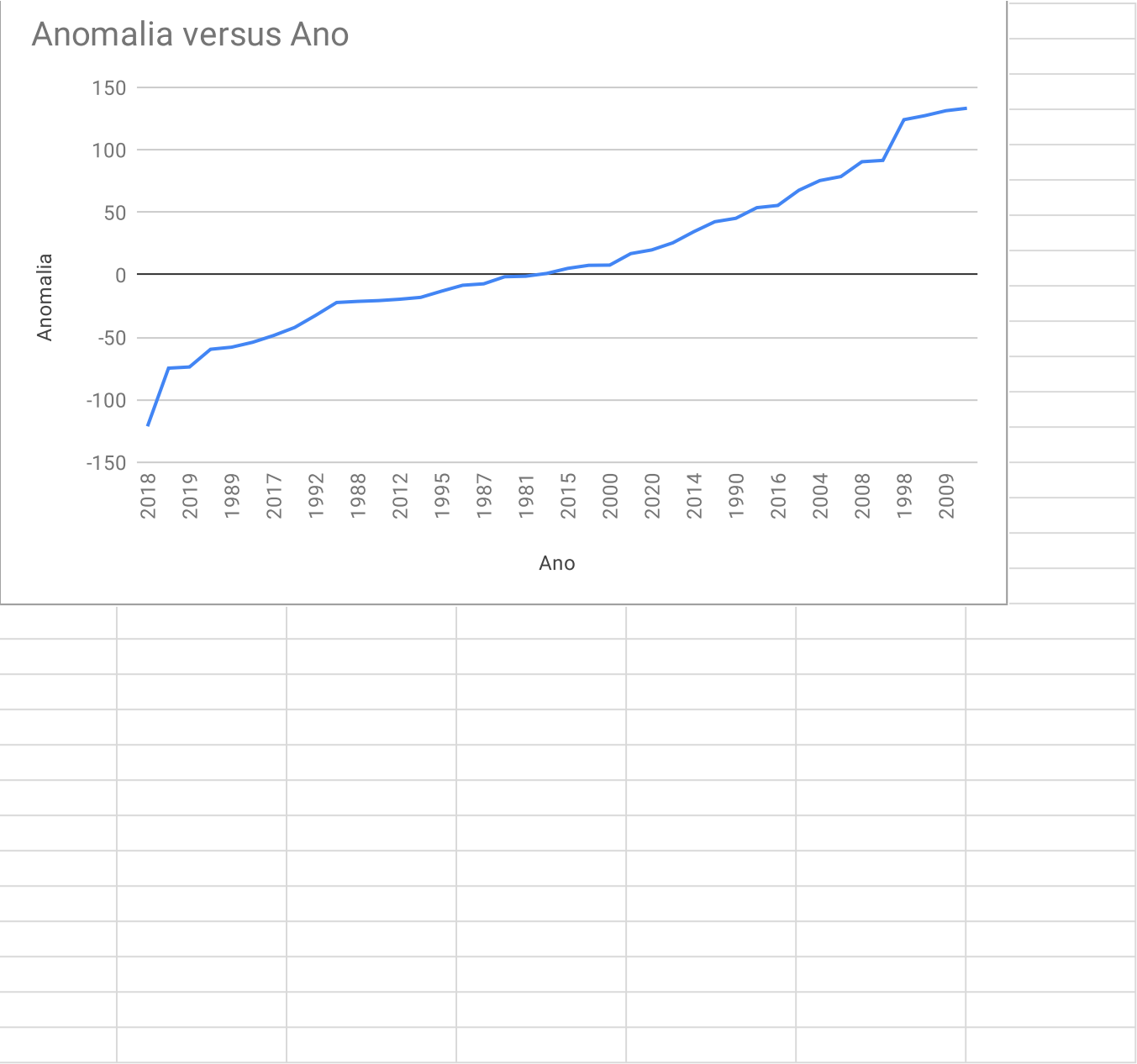
Anomalia versus Ano







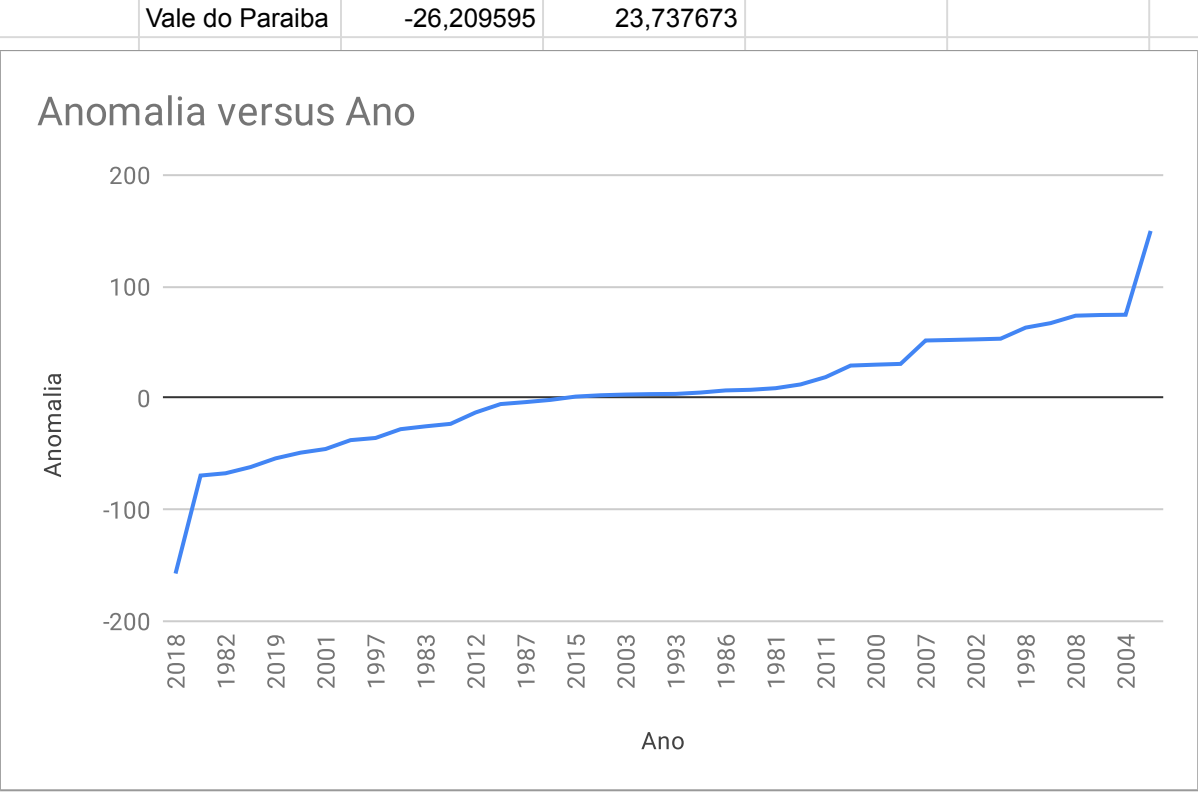
	2019	-73,742455
	1983	-59,590969
	1989	-57,916996
	2001	-54,008266
	2017	-48,579235
	1985	-42,165722
	1992	-32,476215
	1996	-22,171093
	1988	-21,282593
	1993	-20,653124
	2012	-19,554111
	1997	-18,069241
	1995	-13,070415
	1984	-8,377455
	1987	-7,227792
	2011	-1,550332
	1981	-1,139139
	1999	1,089491
	2015	5,13187
	1986	7,583214
	2000	7,751196
	1994	16,953032
	2020	19,909452
	2005	25,560991
	2014	34,478401
	1991	42,451839
	1990	45,193241
	2006	53,694424
	2016	55,477554
	2007	67,624161



	2004	75,388512					
	2003	78,58197					
	2008	90,452606					
	2002	91,534836					
	1998	124,091789					
	2010	127,323387					
	2009	131,269012					
	2013	133,255585					

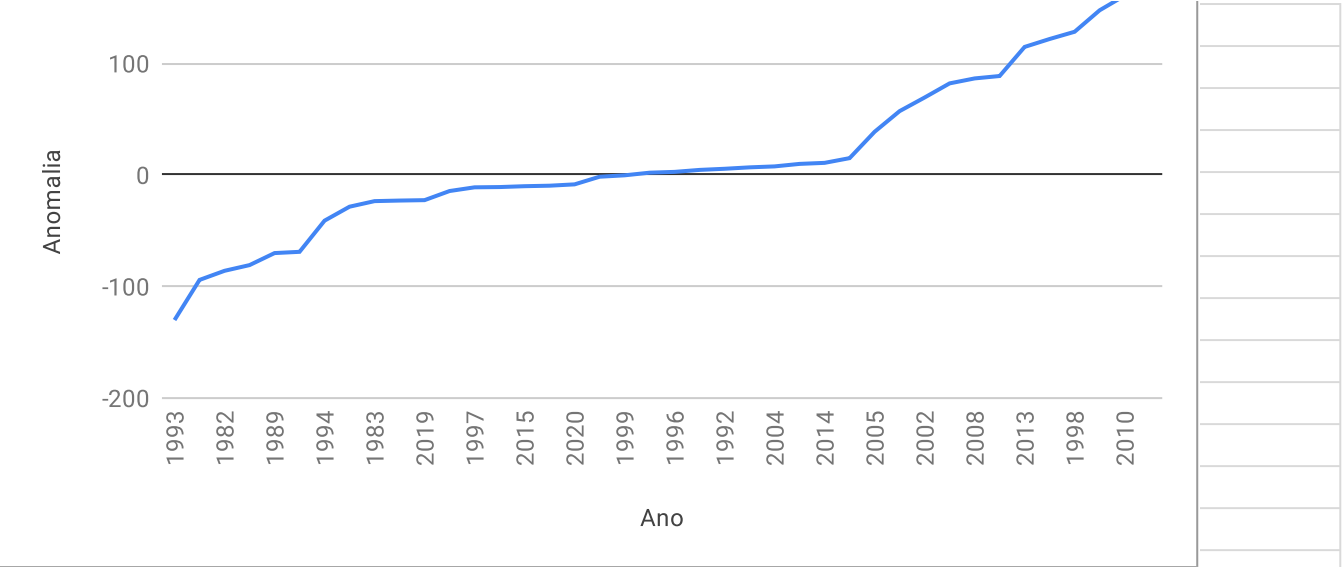
Vale do Paraiba

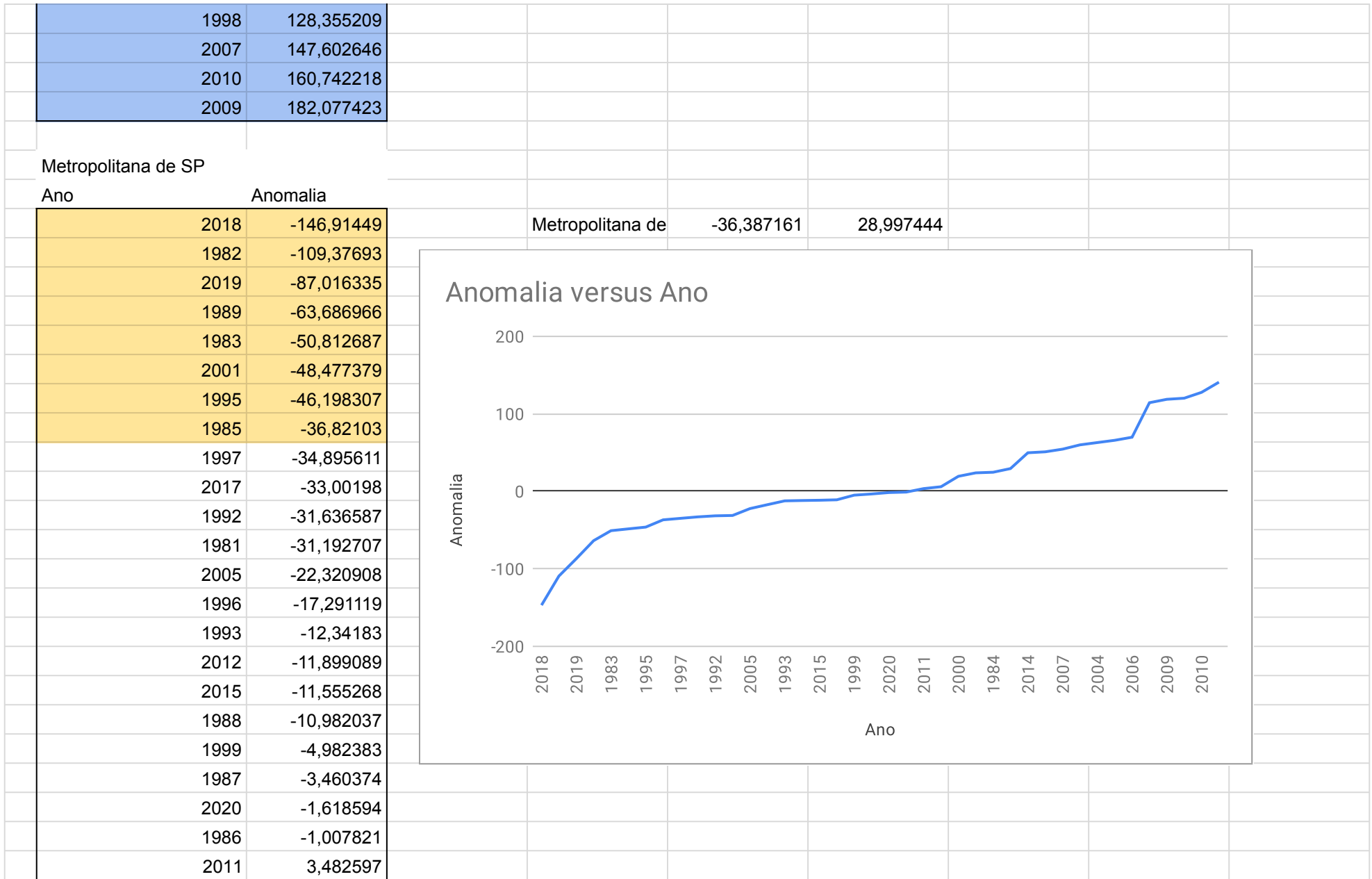
Ano	Anomalia
2018	-157,296585
2017	-69,464119
1982	-67,417648
1994	-61,857925
2019	-54,063721
1989	-48,943295
2001	-45,673721
1985	-37,710182
1997	-35,770355
1996	-27,892405
1983	-25,330498
2005	-23,110287
2012	-12,90687
1988	-5,376672
1987	-3,617476
1984	-1,620499
2015	1,325066
2020	2,51839
2003	3,157867



	2006	3,55999						
	1993	3,72903						
	1999	4,956903						
	1986	6,860672						
	1992	7,423489						
	1981	8,856585						
	2014	12,238505						
	2011	18,776339						
	1991	29,142885						
	2000	29,955109						
	1990	30,644484						
	2007	51,623421						
	2016	52,090858						
	2002	52,616276						
	1995	53,23418						
	1998	63,159328						
	2010	67,195526						
	2008	73,869675						
	2009	74,489807						
	2004	74,700951						
	2013	149,851715						
Litoral Sul	Ano	Anomalia						
	1993	-130,0802	Litoral Sul	-35,511375	27,595072			
	2018	-94,124222						
	1982	-85,956573						
	2017	-80,840759						
	1989	-70,063957						
	2001	-68,938919						

	1994	-41,00161
	2012	-28,471319
	1983	-23,486109
	1985	-22,977915
	2019	-22,611
	1995	-14,432031
	1997	-11,115316
	1988	-10,871764
	2015	-10,104036
	1986	-9,651849
	2020	-8,459731
	1984	-1,607328
	1999	-0,35476
	1991	2,011022
	1996	2,738132
	1990	4,503719
	1992	5,518339
	2000	6,792005
	2004	7,648961
	2011	9,895302
	2014	10,823324
	1987	15,05928
	2005	38,68372
	2006	57,205128
	2002	69,411186
	2016	82,077881
	2008	86,518715
	1981	88,682076
	2013	114,765541
	2003	121,866913





	1994	5,896551							
	2000	19,342855							
	2016	23,795403							
	1984	24,576773							
	1991	29,309887							
	2014	49,702869							
	1990	50,932259							
	2007	54,368671							
	2002	59,908588							
	2004	62,8773							
	2003	65,796326							
	2006	69,771881							
	1998	114,30661							
	2009	118,689949							
	2008	120,114555							
	2010	127,653091							
	2013	140,767273							