

# **ANEXOS**

## TABLA PARA EL CÁLCULO DE HORAS DE LUZ SOLAR DIARIA

Northern Hemisphere												Lat. deg.	Southern Hemisphere											
Jan	Feb	Mar	Apr	May	Jun	July	Aug	Sep	Oct	Nov	Dec		Jan	Feb	Mar	Apr	May	Jun	July	Aug	Sep	Oct	Nov	Dec
0.0	6.6	11.0	15.6	21.3	24.0	24.0	17.6	12.8	8.3	2.3	0.0	70	24.0	17.4	13.0	8.4	2.7	0.0	0.0	6.4	11.2	15.7	21.7	24.0
2.1	7.3	11.1	15.3	19.7	24.0	22.3	17.0	12.7	8.7	4.1	0.0	68	21.9	16.7	12.9	8.7	4.3	0.0	1.7	7.0	11.3	15.3	19.9	24.0
3.9	7.8	11.2	14.9	18.7	22.0	20.3	16.4	12.7	9.0	5.2	1.9	66	20.1	16.2	12.8	9.1	5.3	2.0	3.7	7.6	11.3	15.0	18.8	22.1
5.0	8.2	11.2	14.7	17.9	20.3	19.2	16.0	12.6	9.3	6.0	3.7	64	19.0	15.8	12.8	9.3	6.1	3.7	4.8	8.0	11.4	14.7	18.0	20.3
5.7	8.5	11.3	14.4	17.3	19.2	18.4	15.7	12.6	9.5	6.6	4.8	62	18.3	15.5	12.7	9.6	6.7	4.8	5.6	8.3	11.4	14.5	17.4	19.2
6.4	8.8	11.4	14.2	16.8	18.4	17.7	15.3	12.5	9.7	7.1	5.6	60	17.6	15.2	12.6	9.8	7.2	5.6	6.3	8.7	11.5	14.3	16.9	18.4
6.9	9.1	11.4	14.1	16.4	17.8	17.2	15.1	12.5	9.9	7.5	6.2	58	17.1	14.9	12.6	9.9	7.6	6.2	6.8	8.9	11.5	14.1	16.5	17.8
7.3	9.3	11.5	13.9	16.0	17.3	16.8	14.8	12.4	10.1	7.9	6.7	56	16.7	14.7	12.5	10.1	8.0	6.7	7.2	9.2	11.6	13.9	16.1	17.3
7.7	9.5	11.5	13.8	15.7	16.8	16.4	14.6	12.4	10.2	8.2	7.1	54	16.3	14.5	12.5	10.2	8.3	7.2	7.6	9.4	11.6	13.8	15.8	16.9
8.0	9.7	11.5	13.6	15.4	16.5	16.0	14.4	12.4	10.3	8.5	7.5	52	16.0	14.3	12.5	10.4	8.6	7.5	8.0	9.6	11.6	13.7	15.5	16.5
8.3	9.8	11.6	13.5	15.2	16.1	15.7	14.3	12.3	10.4	8.7	7.9	50	15.7	14.2	12.4	10.5	8.8	7.9	8.3	9.7	11.7	13.6	15.3	16.1
8.6	10.0	11.6	13.4	15.0	15.8	15.5	14.1	12.3	10.6	9.0	8.2	48	15.4	14.0	12.4	10.6	9.0	8.2	8.5	9.9	11.7	13.4	15.0	15.8
8.8	10.1	11.6	13.3	14.8	15.5	15.2	14.0	12.3	10.7	9.2	8.5	46	15.2	13.9	12.4	10.7	9.2	8.5	8.8	10.0	11.7	13.3	14.8	15.5
9.1	10.3	11.6	13.2	14.6	15.3	15.0	13.8	12.3	10.7	9.4	8.7	44	14.9	13.7	12.4	10.8	9.4	8.7	9.0	10.2	11.7	13.3	14.6	15.3
9.3	10.4	11.7	13.2	14.4	15.0	14.8	13.7	12.3	10.8	9.6	9.0	42	14.7	13.6	12.3	10.8	9.6	9.0	9.2	10.3	11.7	13.2	14.4	15.0
9.5	10.5	11.7	13.1	14.2	14.8	14.6	13.6	12.2	10.9	9.7	9.2	40	14.5	13.5	12.3	10.9	9.8	9.2	9.4	10.4	11.8	13.1	14.3	14.8
9.6	10.6	11.7	13.0	14.1	14.6	14.4	13.5	12.2	11.0	9.9	9.4	38	14.4	13.4	12.3	11.0	9.9	9.4	9.6	10.5	11.8	13.0	14.1	14.6
9.8	10.7	11.7	12.9	13.9	14.4	14.2	13.4	12.2	11.1	10.1	9.6	36	14.2	13.3	12.3	11.1	10.1	9.6	9.8	10.6	11.8	12.9	13.9	14.4
10.0	10.8	11.8	12.9	13.8	14.3	14.1	13.3	12.2	11.1	10.2	9.7	34	14.0	13.2	12.2	11.1	10.2	9.7	9.9	10.7	11.8	12.9	13.8	14.3
10.1	10.9	11.8	12.8	13.6	14.1	13.9	13.2	12.2	11.2	10.3	9.9	32	13.9	13.1	12.2	11.2	10.4	9.9	10.1	10.8	11.8	12.8	13.7	14.1
10.3	11.0	11.8	12.7	13.5	13.9	13.8	13.1	12.2	11.3	10.5	10.1	30	13.7	13.0	12.2	11.3	10.5	10.1	10.2	10.9	11.8	12.7	13.5	13.9
10.4	11.0	11.8	12.7	13.4	13.8	13.6	13.0	12.2	11.3	10.6	10.2	28	13.6	13.0	12.2	11.3	10.6	10.2	10.4	11.0	11.8	12.7	13.4	13.8
10.5	11.1	11.8	12.6	13.3	13.6	13.5	12.9	12.1	11.4	10.7	10.4	26	13.5	12.9	12.2	11.4	10.7	10.4	10.5	11.1	11.9	12.6	13.3	13.6
10.7	11.2	11.8	12.6	13.2	13.5	13.3	12.8	12.1	11.4	10.8	10.5	24	13.3	12.8	12.2	11.4	10.8	10.5	10.7	11.2	11.9	12.6	13.2	13.5
10.8	11.3	11.9	12.5	13.1	13.3	13.2	12.8	12.1	11.5	10.9	10.7	22	13.2	12.7	12.1	11.5	10.9	10.7	10.8	11.2	11.9	12.5	13.1	13.3
10.9	11.3	11.9	12.5	12.9	13.2	13.1	12.7	12.1	11.5	11.0	10.8	20	13.1	12.7	12.1	11.5	11.1	10.8	10.9	11.3	11.9	12.5	13.0	13.2
11.0	11.4	11.9	12.4	12.8	13.1	13.0	12.6	12.1	11.6	11.1	10.9	18	13.0	12.6	12.1	11.6	11.2	10.9	11.0	11.4	11.9	12.4	12.9	13.1
11.1	11.5	11.9	12.4	12.7	12.9	12.9	12.5	12.1	11.6	11.2	11.1	16	12.9	12.5	12.1	11.6	11.3	11.1	11.1	11.5	11.9	12.4	12.8	12.9
11.3	11.6	11.9	12.3	12.6	12.8	12.8	12.5	12.1	11.7	11.3	11.2	14	12.7	12.4	12.1	11.7	11.4	11.2	11.2	11.5	11.9	12.3	12.7	12.8
11.4	11.6	11.9	12.3	12.6	12.7	12.6	12.4	12.1	11.7	11.4	11.3	12	12.6	12.4	12.1	11.7	11.4	11.3	11.4	11.6	11.9	12.3	12.6	12.7
11.5	11.7	11.9	12.2	12.5	12.6	12.5	12.3	12.1	11.8	11.5	11.4	10	12.5	12.3	12.1	11.8	11.5	11.4	11.5	11.7	11.9	12.2	12.5	12.6
11.6	11.7	11.9	12.2	12.4	12.5	12.4	12.3	12.0	11.8	11.6	11.5	8	12.4	12.3	12.1	11.8	11.6	11.5	11.6	11.7	12.0	12.2	12.4	12.5
11.7	11.8	12.0	12.1	12.3	12.3	12.3	12.2	12.0	11.9	11.7	11.7	6	12.3	12.2	12.0	11.9	11.7	11.7	11.7	11.8	12.0	12.1	12.3	12.3
11.8	11.9	12.0	12.1	12.2	12.2	12.2	12.1	12.0	11.9	11.8	11.8	4	12.2	12.1	12.0	11.9	11.8	11.8	11.8	11.9	12.0	12.1	12.2	12.2
11.9	11.9	12.0	12.0	12.1	12.1	12.1	12.1	12.0	12.0	11.9	11.9	2	12.1	12.1	12.0	12.0	11.9	11.9	11.9	11.9	12.0	12.0	12.1	12.1
12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0

## TABLAS DE PRECIPITACION MENSUAL

INSTITUTO NACIONAL DE METEOROLOGÍA E HIDROLOGÍA  
 UNIDAD ATENCIÓN AL USUARIO

PRECIPITACION MENSUAL (mm)

S E R I E S M E N S U A L E S D

NOMBRE: PUERTO ILA CODIGO: M026

PERIODO: 1990 - 2010 LATITUD: 0 28 34 S LONGITUD: 79 20 20 W ELEVACION: 319

AÑOS	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC	SUMA	MEDIA
1990	189.2	287.9	483.5	84.4	83.5	68.1	4.4	9	47	19.6	161.9			
1991	321.9	638.8	322	321.2	201.2	81.4	19.6	36.2	12.3	45.2	41.2	133.5	2174.5	181.2
1992	457.5	858.3	524.9	791.6	541.8	240.6	159.2	34.1	18.2	32.6	41	146.7	3846.5	320.5
1993	455.3	654.8	733.1	681.7	91.4	48.5	69	36	101.4	32.3	28.8	206.4	3138.7	261.5
1994	583.8	543.7	346	424.4	315.8	97	4	9.9	16.7	29.4	70.2	391	2831.9	235.9
1995	432.3	327.3	264.4	455.2	262.4	130.1	64	68.7	19.2	48.8	34.4	53.1	2159.9	179.9
1996	325.7	608.4	641.9	423.7	145.7	16.1	23.6	38.9	24	19.2	23	137.8	2428	202.3
1997	596.8	458	565.2	500.2	269.6	367	233.3	138.8	704.4	466.6	801.3	960.2	6061.4	505.1
1998	894.2	639.1	826.3	772.5	463.3	291.7	216.1	66.9	64.4	27.7	25.7	52.8	4340.7	361.7
1999	211.7	487.6	561.2	614.3	286.7	53.3	23.4	14.8	82.3	57.6	52.7	305	2750.6	229.2
2000	252.1	621.5	689	522.3	325.6	48	6.5	24.2	48.1	29.4	20.5	144.7	2731.9	227.6
2001	510.2	242.3	499.9	658.3	193.8	12.4	22.4	4.6	21.2	15.1	32.9	116.6	2329.7	194.1
2002	334.6	563.3	775	599.8	341.3	134.9	23.9	6.4	83.4	61.9	95.1	273.2	3292.8	274.4
2003	441.6	523.3	241.5	590.6	318.6	62.7	27.2	21.1	9.5	96.7	30.7	145.2	2508.7	209
2004	263.1	390.3	252.3	474	296.9	38.8	25	16.7	107.5	69.9	34.8	64.2	2033.5	169.4
2005	370.6	402.8	630.6	635.5	33.4	13.1	7.3	2.7	32.8	35.6	67.6	124.3	2356.3	196.3
2006	175.9	720.7	700.5	508	72.2	129.1	24.1	72.7	60.2	23.8	144.5	62.9	2694.6	224.5
2007	222.4	311.6	528.6	577.8	193	93.1	55.1	22.4	47.2	20.6	51.7	129.9	2253.4	187.7
2008	646	513.4	484.6	358.9	185.6	60.1	65.9	125	61	42.2	34.1	43.1	2619.9	218.3
2009	480.6	157.9	129.9	19	8.9	24.1	11.2	12.6	15.6	293.2				
2010	359.7	523.9	743.4	177.1										
suma	8044.6	10509.7	9874.9	11294.8	4929.7	2020.4	1146.6	768.6	1534	1214.2	1665.4	3945.7	56948.6	4745.7
media	402.2	525.4	519.7	537.8	234.7	101	57.3	38.4	76.7	60.7	83.2	197.2	2834.7	236.2
minima	175.9	242.3	241.5	157.9	33.4	12.4	4	2.7	9	12.6	15.6	43.1	2.7	
maxima	894.2	858.3	826.3	791.6	541.8	367	233.3	138.8	704.4	466.6	801.3	960.2	960.2	

INSTITUTO NACIONAL DE METEOROLOGÍA E HIDROLOGÍA  
 UNIDAD ATENCIÓN AL USUARIO

PRECIPITACIÓN MENSUAL (mm)

S E R I E S M E N S U A L E S D

NOMBRE: LA LIBERTAD-RIO BLANCO CODIGO: MB89

PERIODO: 1990 - 2010 LATITUD: 0 31 54 S LONGITUD: 79 7 20 W ELEVACION: 689

AÑOS	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC	SUMA	MEDIA
2005	34.4	19.8	19.8	52	87.2	76.5	179.7							
2006	299.3	641.2	630.6	483.8	143.8	174.4	12.4	66.3	58.4	208.9	247.3			
2007	359.9	269.7	456.7	473.2	462.9	173.8	68.1	43.7	102.6	70.7	120.9	145.5	2747.7	228.9
2008	823.2	730.5	606.6	476	195.2	113.8	114.9	100.6	97.8	117.9	69.8	147.7	3594	299.5
2009	541.3	567.4	767.2	162.8	268.9	80	45	49.3	23.2	57.6	40.5	477.8	3081	256.7
2010	355	490	280.4	575.4	309.8	99.5	129.1	66.5	59.1	53.9	89.7	400.2	2908.6	242.3

suma	2378.7	2698.8	2741.5	2171.2	1380.6	675.9	389.3	346.2	334.7	445.7	606.3	1598.2	15767.1	1313.9
media	475.7	539.7	548.3	434.2	276.1	112.6	64.8	57.7	66.9	74.2	101	266.3	3018	251.5
minima	299.3	269.7	280.4	162.8	143.8	34.4	12.4	19.8	23.2	53.9	40.5	145.5	12.4	
maxima	823.2	730.5	767.2	575.4	462.9	174.4	129.1	100.6	102.6	117.9	208.9	477.8	823.2	

INSTITUTO NACIONAL DE METEOROLOGÍA E HIDROLOGÍA  
 UNIDAD ATENCIONAL DE METEOROLOGÍA E HIDROLOGÍA  
 USUARIO

PRECIPITACION MENSUAL (mm)

S E R I E S M E N S U A L E S D

NOMBRE: LAS PAMPAS CODIGO: M362

PERIODO: 1980 - 2010 LATITUD: 0 25 32 S LONGITUD: 78 57 54 W ELEVACION: 1583

AÑOS	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC	SUMA	MEDIA
1980	376	418.8	314.6	344.3	191.1	52.4	13.5	99.4	45.4	103.9	45.3	142.5	2147.2	178.9
1981	233.7	526.6	481.8	319.3	79	24.9	81.9	71.2	52.7	61	32.8	219.9	2184.8	182
1982	282.5	392.9	229.6	292.8	270.1	33.4	62	12.2	162.6	372.9	330.3	366.9	2808.2	234
1983	471.2	236.4	447.9	441.6	328.4	199.8	130.7	150.9	105.8	111.1	182.4	180.5	2986.7	248.8
1984	105.8	495.7	365.5	440.8	180	237.9	58.3	36.1	167.5	125.9	56.5	315	2585	215.4
1985	307.8	188.8	244.5	183.4	221.8	9.7	27.1	41.4	48.3	51.4	182.3			
1986	586.9	234.2	265.3	563.3	141.2	28.1	20.9	16.8	41.8	100.4	162			
1987	292.9	405.4	309.3	268.9	21.2	56	106.9	91.7	22.2	54.5	197.4			
1988	408.9	504.2	136.1	53.8	55	49.3	103.3	123.4	152.1					
1989	417.4	333.8	192.7	153	10.1	23.4								
1990	197.4	294.9	30.7	22.7	12.9	93.5	64.6	145.4						
1991	272.7	331.1	348.1	273.5	293.4	65.3	50.4	25.6	17	82.8	54.2	187.1	2001.2	166.7
1992	213.3	286	291.8	329.4	47.8	33.9	20.2	120.3						
1993	338.6	544.2	356.8	485.3	178.7	64.7	32.4	124.8	69.3	75.9	255.6			
1994	499.8	283.8	514.3	373.6	247.8	63.5	5.7	5.9	31.4	99	77.2	314.4	2516.4	209.7
1995	272.5	162.9	330.5	408	143.7	99.4	89.5	119.5	59.4	95.5	146	83.9	2010.8	167.5
1996	218	435.5	398.4	300.6	309.8	38.3	24	32.4	37.8	33.7	24.5	124.3	1977.3	164.7
1997	316.8	293.3	301.2	305.1	229.7	216.1	67.5	28	262.3	358.2	452.7	251	3081.9	256.8
1998	254.9	404.7	433.2	398.9	143	90.9	60.3	72.1	20.1	109.3	51.5			
1999	220.6	455	449.7	383.1	182.9	122.7	45.2	11.4	120.9	67.8	86.8	229.2	2375.3	197.9
2000	240.7	355.2	466.2	502.8	444.7	117.4	20.6	64.1	112.4	33.2	46.9	111.3	2515.5	209.6
2001	267.7	351.2	394	258.4	195.6	30.1	27.9	0.7	73.2	14.5	96.4	181	1890.7	157.5
2002	150.5	358.7	361.6	379.3	194.8	47.5	21.1	21.6	41.1	131.3	68.4	278.6	2054.5	171.2
2003	196.8	238.7	192.1	433.3	252.1	138.3	23.4	11.2	23.8	111	67	182.3	1870	155.8
2004	193.3	186.4	339.3	286.6	254.6	51	16.5	27.4	121.5	64.5	63.4	162.7	1767.2	147.2
2005	337.5	335.9	284.9	64.4	20.7	7.2	10.8	32.1	47.1	35.8	118.4			
2006	246.8	551.1	301.5	305.9	155.9	96.7	10.1	59	63.7	42.6	211.7	154.3	2199.3	183.2
2007	322.6	176	363.9	246.7	200.8	66.2	47.5	51.2	53.4	34.3	119.9	102.6	1785.1	148.7
2008	475.1	373.5	446.5	306	246.5	75.5	84.2	138.2	91.2	148.5	35.7	203.9	2624.8	218.7
2009	534.4	444.1	343.5	174	165.1	62.8	13	38.3	13.1	111	45.9	317.6	2262.8	188.5
2010	374.1	136.6	49.1											
suma	8205.3	10571.7	9567.4	10000.5	6099.7	2366.8	1204.7	1361.2	2122.3	2706.9	2779.1	5494	62479.6	5206.6
media	303.9	352.3	354.3	344.8	217.8	84.5	41.5	46.9	75.7	96.6	99.2	189.4	2207.5	183.9
minima	105.8	162.9	136.1	174	64.4	20.7	5.7	0.7	12.9	14.5	20.2	51.5	0.7	
maxima	586.9	551.1	514.3	563.3	444.7	237.9	130.7	150.9	262.3	372.9	452.7	366.9	586.9	

# TABLAS DE PRECIPITACION TOTAL DIARIA

INSTITUTO NACIONAL DE METEOROLOGIA E HIDROLOGIA  
 DIRECCION DE INFORMACION Y PRECIPITACION TOTAL DIARIA (mm)

S E R I E S D E D A T O S M E T

NOMBRE: PUERTO ILA CODIGO: M026  
 PERIODO: 1960 - 2010 LATITUD: 0 28 34 S LONGITUD 79 20 20 W ELEVACION: 319

VALORES	DIARIOS																																SUMA	
ANIO	DIA	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
1989	12	2	0.4	0.3	0.5	0	0	0	0	0	0.3	0	2.6	0.3	0	81.2	9.4	2.5	1.7	0.2	0	0.4	2.9	22.3	1.9	7.6	42	3.1	0.2	56.8	4.5	0	243.1	
1990	1	0.2	2.7	0	6	0	0	0	0	1.7	3.8	2.8	50.7	0.8	7.7	0.9	0	0.1	11.7	0.4	20.7	3.1	10.8	12	0	6.9	4.2	6.8	7.7	6.4	11.7	9.4	189.2	
1990	2	6.3	34.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	40.6															
1990	3	0	10.8	0.5	7.2	4.5	1.8	0	6.8	0	0.1	0	3.2	0.1	2.4	7.3	1.4	20.3	64.1	0.1	27.2	8.2	13.5	65.7	26.8	0.3	1.5	6.3	0.1	1.8	0.1	5.8	287.9	
1990	4	0.1	28.6	12.7	3.7	1.7	1.7	30.8	0.2	20.7	4.6	6.6	37.6	20.3	1	8.9	96.2	20.4	4.5	36.4	1.5	65.2	2.3	10.2	45.1	3.1	4.8	4.8	1.8	3	5			
1990	5	0.8	8	0	9	4.8	0.1	0	0.1	0.5	0.4	1.3	0.5	2.4	8	0.4	0.2	6.5	11.8	0.2	0.2	0.1	0	7.5	2.4	0.2	0.2	0.1	6.4	7.5	4.7	0.1	84.4	
1990	6	9.7	0.2	36	0.6	0.2	5.3	0.3	0	0.1	0	0.6	17.6	2.7	0.3	2.9	0.6	0.4	0.2	0	2	2.5	0.1	0.2	0	0	0.4	0.6	0	0	0			
1990	7	31.4	0.3	0.6	0	8.6	0.1	3.4	4	0.2	3.8	0	0.3	0.7	2.1	1.5	0.9	0.1	0.6	0	0	0	0	0	1.6	0.1	0	0	0.2	0.1	6.2	1.3	68.1	
1990	8	0.2	0	0	0.2	0.2	0	1.2	0.2	0	0	0	0	0	0	0	0	0	0	0	0.2	0	0	0	0.5	0.1	0	0	0.1	0.3	0.5	0.7	0	4.4
1990	9	0	0	0.3	0.1	0	1.2	1	0.3	2.6	0	0	0	0	0	0	0	0	0	0	0	0.3	0.3	1.4	1	0.4	0	0	0.1	0	0			
1990	10	0	3.8	2.9	0	0	0.8	2.8	0.6	0	5	0.6	4.4	6.2	0	2	2.9	0.5	0	0	0	0.5	4.5	4.6	1.2	0	0.1	1.2	1	1.3	0	0.1	47	
1990	11	0	0	0.2	0.2	0.7	0.1	0	0	2.6	0.8	4.5	1.9	1.8	0.3	0.1	0.4	0.4	0.7	0.5	0.8	0.1	1.1	0	0	1.9	0	0	0.1	0.1	0.3		19.6	
1990	12	0.4	0.4	0.2	2	0.3	0.2	1.1	1.9	0.6	0	5.8	0.6	0.7	0	0.2	0.5	0	0.1	0.5	0	0	1.6	33.2	1.8	51.7	0.8	0.7	8.3	46.4	1.9	0	161.9	
1991	1	0	2.8	0.2	0	1.6	0	5.9	3.8	0.2	11.3	36	0	18.8	0.8	2	0	0.3	0.1	6.7	0.1	1	5.1	0.5	4.3	0.9	0	2.7	30.8	2.8	4.1	179.1	321.9	
1991	2	33.2	45	46.4	29.6	49.4	15.2	20	1	23.4	12.7	0.9	6.4	21.6	8.5	12.5	3.3	36.9	83.2	106.1	39.4	9.3	5.4	6.4	0.8	2.4	10.1	9.1	0.6	638.8				
1991	3	4.4	14.5	43.2	1.6	0.3	20.1	8.5	0.2	2.1	7.9	8	52.7	3	1.5	3.4	7.6	0	20.5	14.5	3.5	17.1	12.5	7.2	0.5	28.2	13.5	6.4	19	0	0.1	322		
1991	4	3.5	1.2	7.8	2	7.7	19.8	20.3	14.4	40.5	19.2	0.2	0.1	0.1	68.6	5	5.4	27.3	10.9	8.5	1.2	1.7	1.2	0.2	23	11.8	0	5	14.6	321.2				
1991	5	13.3	2	31.4	0.7	4.7	40	13.2	6.4	10.9	0	10.2	0.8	1.3	1.3	0.1	13.6	5.6	4.4	0.2	17.6	1.2	0.1	1.2	6.5	8.6	1.2	0.6	3.8	0.2	0	0.1	201.2	
1991	6	0.2	0.1	8	0.9	0.3	0.5	1.8	0	0	28	2.5	0.2	0	2.2	0.1	1.6	0	2.2	0.3	0.2	0.1	1	0.1	0.3	0.2	29.2	0.8	0	0.3	81.4			
1991	7	0.2	0	0	0	2.3	2.9	0.2	0.2	0.1	0	2.9	0.1	0	0	0	0	0	0	0	0.8	0.1	0.5	0.2	0	0.3	0.3	6.5	0.1	1	0.2	0.7	19.6	
1991	8	5.8	0.1	0.2	1.1	0.3	0	0.2	0.4	0.2	0.1	0.1	0.2	0.1	0.1	0	0	0	2.3	0	0.7	22.9	0.1	0	1	0.2	0	0	0.1	0	0	36.2		
1991	9	0	0	0	0	0	0	0	0.2	0.1	0.1	0.2	0	0	0	0.1	0	0.3	0	0	0.1	1	3	0.4	0	0.1	1.4	0	0.7	0.9	3.7	12.3		
1991	10	0.9	1.2	2.8	1.2	0.3	0	0	1.1	0.6	1.8	1.8	1.7	3.5	1	0	0.2	0	2.7	8.5	1.4	0.3	6.9	0.9	0	0.2	0.3	2.9	0.1	0.8	0.7	1.4	45.2	
1991	11	0.6	0	0.6	1.2	0	0	0	0	6.6	0.5	0	0	0.3	0	0	0.2	1.2	0	0.8	0	1.3	0.4	0.2	0	2.3	5.1	1.4	5.4	13.1	41.2			
1991	12	1.3	0.4	0.5	0.4	0.9	2.5	4.2	0.3	0	0.7	14.8	11.9	36.5	1.8	6.7	0.6	1.4	0.9	34.6	0.2	0	0	0	7.6	1.1	0.7	0.7	1.9	0.5	0	0.4	133.5	
1992	1	0	28	40.7	0.4	17.5	1.8	2	9.5	0	1	1.2	0	8.3	2	8.2	16.5	1.4	14	11.4	4.1	5.2	5.9	25.6	1.7	54.8	76.1	16	35.3	53.1	15.3	0.5	457.5	
1992	2	11.8	28.8	25.8	84	4.2	0	11	63.6	19.5	47.7	50	2	0	112.6	17.6	2	65.7	7.3	32.2	3.4	63.2	73.2	21.1	3.2	4.1	5.3	13.6	2.2	83.2	858.3			
1992	3	9.7	4.9	17	8	2.7	52	9.6	42.9	5.6	26.6	4.5	5.1	32.8	1	15.4	3.7	1.6	21	11.1	1.6	1.4	6.5	5.6	8.9	39.4	46.5	0	117	5.4	17.4	0	524.9	
1992	4	0	0.6	64.1	79.2	2.1	0	0.5	7.3	15	39.4	14.9	58.4	0	87.2	0.1	86.7	45.9	4.4	0	50.3	80.7	21.5	9.4	6.2	27.8	5.2	5.2	4.9	9.6	65	791.6		
1992	5	89.1	21.4	2.8	40.8	9	0	14.9	2.7	8.8	36.3	3.2	2.2	48.6	17.2	21.8	0.5	2.9	45.5	1.4	75.4	0	11.3	0.1	0	3.8	3.3	36.4	0	9.5	30.3	2.6	541.8	
1992	6	5.5	23.1	3.4	27.2	103.5	12.2	2	0	1.3	0.3	1	10	4.8	1.9	0	9.8	10.3	0	0	10.2	4.1	0.6	0.9	0	2.1	0	1	2.3	2.3	0.8	240.6		
1992	7	0	0	0	44	0.4	0	0	0	0	0	0	0	0	88	7.8	1.7	0	15	1	0	0	0.5	0	0	0.3	0	0	0.3	0.2	0	0	159.2	
1992	8	1	0.2	0	1.8	0	0	0	0.4	0.1	0	0	0	0	2.2	0.5	10.6	1.3	0	0.2	0.1	0	0.2	0	0	0.2	0	1	1.8	0	0.5	0	12	34.1
1992	9	0.9	0	0.5	0.2	0.2	0.2	0.5	1	3.5	0.4	0.3	0	0	0	0.3	0	1.2	1.2	2.2	0.1	0.2	0.6	0	0.2	1.1	1.3	0.8	0.3	0.8	0.2	18.2		
1992	10	0	0.5	0.4	0	1.4	0.3	0	3.8	0.1	0	0.4	2.5	3.9	3.4	2.9	0	0.1	1	0.6	0	2	0	2	1	0.2	1.4	1.7	0.2	0.3	1.4	1.1	32.6	
1992	11	15.7	0.7	3.2	0.2	0	3.4	0.2	0	0	0	0.1	5.1	1.1	0.8	0	1	0	0.5	0.2	2.7	0.4	0.2	1.2	0	0	0	0.2	0.1	3	41			
1992	12	0	0	0	0	0	0	0	0	0	0	0	0	0	20.6	0	3.7	13.1	1.1	13.3	8.9	38.1	9.5	3.8	0.3	2.2	9.2	8.4	2	6.1	0	6.4	146.7	

VALORES	DIARIOS																															SUMA			
ANIO	DIA	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31			
1993	1	13.6	9.2	14.2	6.3	157.2	49.8	9.1	0.6	0.9	0	0.4	13.3	3.7	0.4	1.1	0.3	2.8	34.7	3.7	0.2	33.8	8.7	0.7	21	35.2	2.4	0	5.3	13.8	10.5	2.4		455.3	
1993	2	36.1	1.5	13.5	3.5	8.1	4	9.2	10.5	62	21.1	87.9	103.8	1.2	3.5	0.5	18.4	23	14	15.9	14.2	4.3	0	33.7	21.6	50	0.6	76.3	16.4	654.8					
1993	3	15.6	0	6.6	1.6	113.9	2.9	2.2	22.3	0.4	67.6	17.2	12.6	15.2	0	34	6.9	0.6	2.7	3.1	34.3	5.9	228	3	0	0	68.1	0.1	3.7	40.6	0	24		733.1	
1993	4	7	0.9	5.2	9.1	30.6	71.6	5.3	1.2	4.7	5.1	10.2	34.8	62.5	87	78.6	1.8	23.7	58.1	0.6	3.1	1.2	3.7	5.8	5.6	6.7	52.1	1	12.5	25.8	66.2	681.7			
1993	5	3.4	21.7	17.6	5.4	1.5	0	3	7.4	2.6	0	0.2	4	0	0.3	6.5	3.3	0.3	1.4	0	0	6	0.1	1.1	4.7	0.3	0	0	0.2	0	0	0	0	91.4	
1993	6	2.3	26.9	10	0.2	0	0	0.5	0.8	0	0	0	0	0.1	0	0	0	0	0	0	0	0.5	0	1.2	1.4	0.2	0	0	0.2	0	4.2	48.5			
1993	7	1.4	1.1	3.8	0.9	0.3	0.3	4	0.1	0	0	18.7	1.8	1.2	1	0	0	30	1.3	0.4	0	0	0	0	1.8	0.2	0.7	0	0	0	0	0	0	69	
1993	8	0	0	0	0	0	0	0	0	0	0.8	0.1	0	0	4.4	0.1	0	0	0	0	4.2	1.6	0	1	0.7	0.9	2	0.1	0.5	0	18.8	0.1	0.7	36	
1993	9	0.5	0	0	0.3	1.2	0.5	0.8	0.2	1.7	0	0	0	0	0	0	4.7	3.8	0.2	2.8	0.1	0	3	0.7	0.3	0.3	0.6	0.8	0	77.9	1	101.4			
1993	10	0.1	7.5	0.4	1.3	1.4	0.1	0	0	1	0.2	0.1	3.6	0.2	4.8	0	1	2	0.4	0	0	0.5	0	4	2.3	0	0	0.9	0.3	0	0.2		32.3		
1993	11	1	2.2	2.8	0	3.3	0.2	0.2	0.5	0.1	1	1.6	0	0.8	0.2	0.8	0	0.7	0	0	0	2	3.7	1.4	1.5	0	0	1.1	2.2	1.3	0.2	28.8			
1993	12	1.1	0.2	0	5.9	4.2	0.2	15.7	0	0.4	0	25	0.2	19	0.4	0	6.6	1.7	1.1	0.7	9.5	3.7	6.2	5.6	25.2	1.6	16.8	0.6	26	2.5	1	25.3	206.4		
1994	1	0	0.9	2	0.7	22	74.1	16.5	41.1	0	22	4.7	7	3.7	51.2	40.3	0.6	83.1	2.5	0.2	28.1	23.3	1.1	11.8	3.6	6.6	1.6	16.5	0.2	1.6	85	31.8	583.8		
1994	2	27.8	69.6	1.3	1.7	93.6	0.8	15.2	1.8	12.5	6.6	3.3	45	14.3	7.7	47.2	4	13.5	22	8.5	2.5	7.7	4.5	0	83.5	29.4	2.1	9.5	8.1	543.7					
1994	3	17.2	0.1	24	1	10.5	23.1	13	0	1.2	51.6	22.5	3.7	5.5	0.7	0	7.5	4	0	0	0.5	22	0	2.4	5.9	2.3	0	38.6	45.1	18.6	19.8	5.2	346		
1994	4	5	2.1	7.3	9.9	2.2	27.7	5.8	13	7.5	0.6	3.3	1	0.8	10.7	6.2	8.6	42.6	36.1	18.4	72.5	0.5	2.2	8.6	0	57.3	0	64.8	0.1	0.3	9.3	424.4			
1994	5	20.3	5.2	17.1	69.5	0.8	3.6	1	13.4	10.2	47.9	9	0.5	49.7	0	13.5	0	3.3	6.6	0	4.4	0	3.7	5.6	0.6	0	0	0	8	2	1.9	18	315.8		
1994	6	0.1	0.8	0	0	54	2	2.2	0	2.3	17.2	0	0.2	1	1	0	0	2.7	1	0.2	4.8	1.5	0.6	1.4	0	0.5	3.3	0.2	0	0	0	0	97		
1994	7	0	0	0.2	0	0.2	0	0	2.5	0.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.3	4	
1994	8	0	0.1	0	0	0	0.4	1.2	1.1	0	0	0	1.1	0.2	0	0	0.4	0	0	0.1	0.5	0.2	0.3	0.1	0.8	0	3.4	0	0	0	0	0	0	9.9	
1994	9	0	0	0.3	8.2	0	0	0	0	0.4	0	0.1	0	0	0	0	1.4	1.6	0	0	0.9	0	0	0	1.2	0	0.6	0.7	0.8	0.5	16.7				
1994	10	0	0	0	0.1	0.8	1.1	15.8	1	0.2	1.8	0.3	0.6	0.4	0.2	0	0.6	0.8	0.3	0.4	1	0.4	0	0	0	0.2	0	0.6	0	1.9	0	0.9	29.4		
1994	11	0	0	0	0	0.3	0	1.4	0.4	0	0.9	0	0	6.8	2	17.3	34.8	0.2	0.8	0	1.1	0.2	0	0	4	0	0	0	0	0	0	70.2			
1994	12	0	11	5	4	6.4	7.8	0	9.5	0.6	6.9	1.3	15.4	0.1	24.3	28.3	0	1.5	3.5	3.8	2.6	14.3	93.3	29.5	65.3	4.7	23.8	7.6	0.6	14.8	1.2	3.9	391		
1995	1	1.6	4.3	2.5	3.7	13.4	11.1	35.7	26.9	19.9	21.6	13.4	3.8	2.1	0.2	42.8	45	7.2	3.1	36.2	19.3	7.8	8.7	1.2	9	17.1	0	0.4	9.6	11.4	13.8	39.5	432.3		
1995	2	10.8	0.9	0.2	8.9	0.8	0	3.8	18.3	12.4	33.5	39.2	5.9	19.4	0.2	21.7	16.4	13.9	23.2	32	4.4	0.2	30	3	0	6.4	4.8	16.4	0.6	327.3					
1995	3	10	0.1	15.3	0	2.1	10.8	0	47.2	0.9	6.8	1.9	0	21.1	4.6	0	0	1.4	15.9	1.2	31.7	6.6	41.9	0	0.2	0.9	9.9	3.4	0.2	1	18.3	11	264.4		
1995	4	40.6	0.4	0.6	0.3	5	9.3	34.8	19.1	56.6	1.5	42.6	0.5	49.9	7.9	78.9	16.4	11.2	3.1	0.2	0.2	0	0	21.8	0	48.9	4.2	0	0.3	0	0.9	455.2			
1995	5	0.1	2.5	0.2	0.6	0.9	0	0	0.2	4.9	27.5	2.1	0.8	0	0	0	5.1	0	0	55.9	28	8.4	4.8	0	88.1	11.5	1.1	0	3.3	13.9	2.5	262.4			
1995	6	0	0	0	0	22	0	0	10.8	0	10.5	10.2	0.5	0	10.7	0.3	0.2	0.6	0	0.6	0.1	2.1	1.4	2	0.1	0.6	4.3	40.1	0	0.1	3	9.9	130.1		
1995	7	0.2	0	5.8	1.2	4.1	2.2	4	8.7	3.8	0.9	0	0.4	0	0	9.2	0.9	0	1.4	1.1	0.4	1.5	2.5	1.2	3.3	0.5	0	1.1	5.3	2.1	0.9	1.3	64		
1995	8	0.2	3.9	1.2	0.3	3.3	0.4	0.6	1	27.8	1.8	1	0.1	0.5	0	1.2	6	0	0	0.7	8.2	0.4	0	0.2	0.8	3.2	0.4	0.5	0.3	4.7	0	0	68.7		
1995	9	0.9	1.4	0.7	6.3	0	0	0	0.2	1.9	0	0.2	0	0.6	0.5	1.2	0	1.1	0	0	0	0.4	0	0.1	1	0	0.6	1.9	0.1	0.1	0	19.2			
1995	10	0.4	0.3	0.4	0.2	0	1.4	0.5	4.5	1.1	0	0	2	3.1	0.5	0.3	0.6	0	1.2	1.1	0	0	0.6	1.6	3.1	0	0	0	16.7	9.1	0.1	0	48.8		
1995	11	19.8	1	0.2	0.4	1.8	2	1.4	0.4	0.5	0.4	0.4	0	0.2	1	0.2	0	0	0.2	1	1.4	0.1	0.4	0.8	0	0	0	0	0.6	0.2	0	34.4			
1995	12	8.5	0.5	0	1.2	0.8	0	0.5	0.4	0	0	0	0	0	0	0.5	0	0	0	0	2.9	0.1	6.7	1.5	0	11.5	7.5	8.7	0	0.7	0.2	0.9	53.1		
1996	1	1.9	0.2	0.2	0.3	0.3	8.2	23.1	54.2	2.9	4.4	11.5	15.2	0.6	9.9	3.5	15.2	0.2	59.5	0	20.8	7.9	6.3	4.1	4.1	0	0	15.9	0	21.4	30.2	3.7	325.7		
1996	2	12	3.7	10.5	3.1	48.7	1.4	14.8	18	36.6	0	2.8	0	1.8	23.9	0	19	1.9	58.5	3.9	36.8	0.2	141.3	24.5	35	17.4	0.9	13.9	3.9	73.9	608.4				
1996	3	1.1	1.2	17.7	48.3	22.4	61.3	0.1	15.7	66.3	85.3	24.7	93.6	5.8	44.3	0	1.9	23.4	25.6	0.6	8.1	19	1.5	0.5	2.1	26.1	0.5	0.1	21.9	2.8	0	20	641.9		
1996	4	3.9	13.3	16.2	3.4	0	8.3	12.1	11.9	5	177.3	5.3	7.7	101	11.6	0	11.1	1.3	0.6	1	9	0.5	4.8	3.8	0.3	2.2	0	1.1	3.6	3.1	4.3	423.7			
1996	5	4.6	23.8	0.7	7	21.1	0.2	0.4	1.5	4.5	0.5	1.3	21.8	0.6	5	0	0.6	0.7	22.5	3.2	0.1	0.5	3.9	0.6	0	0	0	15	2.5	0.4	0.7	2	145.7		
1996	6	0.2	0.2	0.5	0	0.8	2.9	0.2	0.2	0.9	0	0	0	0	0	1	0	0.1	0.4	0.2	0	0.2	0	0	0	0	0	3.8	1.5	1.7	1.3	16.1			
1996	7	1.1	5.5	0.6	0.2	0.3	1.1	0.2	0.2	0	1.1	0	0	0.3	0.1	0	0.1	0	0	0.3	0	2.8	0	3.3	0.6	1.6	0	0	0.4	2.5	0	1.3	23.6		
1996	8	20.4	0	3.2	3.8	1	0	0.4	0	0.9	1.2	0	0.5	0	2.3	0	0	0	0.1	0	0.2	0.3	0	0	0	0.3	0	1	0.9	1.4	0.5	0.5	38.9		
1996	9	0.8	0	2.6	1.2	0	0.9	0.9	0.3	1.2	0.3	1.5	0	0.4	0	0	0	0	0	0	0.3	0.6	0	3.1	0	0	3.6	5.6	0.1	0	0.4	0.2	24		
1996	10	0.5	0.2	0	0	0	0	1.4	0	0	1.1	1	0.1	0	0	0.4	0.5	3.3	1.6	0	0	0	0	2.5	0.2	4.6	0	0							

VALORES	DIARIOS																															SUMA		
ANIO	DIA	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	SUMA	
1997	1	0	0	8.8	22.7	14	9.1	0	2	0	0	2.4	0	0.5	0.7	5.8	20.4	41.1	43.1	4.3	54.2	2.3	0	0	109.3	10.3	94.1	9.1	26.5	22.4	93.7	596.8		
1997	2	74.7	1.5	42	2.5	45.5	12.8	0	72	12.9	21.3	0.2	0.2	10	4	3.6	0.2	62.1	0	20	0.4	0	20.3	14.3	15.5	2.7	14.9	4.4			458			
1997	3	79.5	0.7	21	47.2	0.3	3.6	0.2	0.1	14.8	17.9	2.1	20	41.3	11.7	15.2	28.9	38.2	58.2	5.4	0	0	20	0	0	0	84.1	0	12.5	13.9	28.4	565.2		
1997	4	2.4	58.4	13.9	17.3	0.7	1.6	0.6	8	0	19.8	18.9	36.4	34.4	18.2	14.7	28.2	10.8	3.5	3.8	2.5	3.5	4.4	0.6	1.1	0	30.9	1.2	144.1	17.6	2.7	500.2		
1997	5	6.7	5.9	3.1	0	23.2	1.5	0.6	18.4	0.7	0.6	0.5	9.8	11.8	0.6	19.9	1.8	0.5	6.8	1	21.8	11.4	0	0	2.7	12.5	0	42.9	57.9	1	6	0	269.6	
1997	6	26.8	24.8	25.9	0	7	8.2	0	0	2.9	7	9.6	2.9	0.2	10.9	28.6	27.9	0	24.7	28.4	21.3	18	44.6	5.7	18.1	0	0	7.4	10.2	0	5.9	367		
1997	7	1	53.6	3.8	12	7	0.1	2.7	0.6	10.9	9.4	6.2	4	1.5	0.6	0	6.3	49.8	8.7	0.6	0.5	5.7	13.3	4.4	0.1	0	0	17.7	4.6	2	6.2	233.3		
1997	8	1.2	1.8	2.2	6.3	1.5	3	0.4	0	0.5	1.3	0.1	1.7	37.6	1.5	11	4.9	2.2	11.8	1.5	44.7	0.5	0	0	0.6	0	0.1	0.6	0.5	0	1.3	0	138.8	
1997	9	1.9	24.8	1.5	3.5	16.3	10.7	1.1	27.5	68.6	5.9	3	29.2	48.2	104.8	2.4	21.6	0.2	32.5	2	39.1	16.3	58.1	0.7	0	2	2.5	0	2.4	34.5	143.1	704.4		
1997	10	49.2	66.7	0.5	1.9	9.6	0.3	63.9	63.6	0.8	0	0	0	0.9	0	0	13.1	0	8	7.5	2.8	7.1	14.7	30.9	21.7	3.4	26.1	2.3	5.1	31.4	35.1	466.6		
1997	11	46.4	16.8	4.1	3.4	50.8	53.8	6.8	46.7	0.3	21.3	10.6	20.3	0.1	6.7	20.5	2.3	2.5	65.5	9.4	29.4	116.6	6.5	120.7	4.7	0.2	13.1	13.1	60.6	14.2	33.9	801.3		
1997	12	147.4	7.4	7.7	20.4	5.6	18.1	37.6	17.2	0.7	1.8	24.3	19.7	87.6	41.7	57.9	5.3	0	29.5	29.4	24.5	98.8	10.7	19	17	11.5	3	119	89	1.7	6.2	0.5	960.2	
1998	1	35.7	14.4	0	64.2	149.4	5.5	0	0	5.2	10.5	84.8	51.9	0.5	61.5	12.7	55.5	0.8	35	0	12.5	3.5	1.7	64	90.5	0.9	0.2	2.7	0	27.8	51	51.8	894.2	
1998	2	15.1	0	5.8	1.7	42.4	38.7	60.1	43	3.6	6.1	0.5	8.2	33.1	23	0	17.5	15.7	43.2	0	14.5	14.5	30	30.4	37.3	4.4	130.3	0.5	19.5			639.1		
1998	3	63.4	7.7	7.7	47.6	65.2	5.3	17	1.2	35.5	21	1.1	0.3	39.3	56.5	13	106.8	0	9.7	60.5	27.9	20	100.6	0	0	22.6	0.5	19.2	15.3	3.5	44.6	13.3	826.3	
1998	4	2.9	76.6	0.1	104	37.6	23.2	12.3	0	78.6	12.7	6.3	85.2	0.6	86.4	7.5	4.7	38.1	22.4	6.6	0.2	0.5	7.8	21.9	38.3	4.4	3.3	39.8	0.2	43	7.3	772.5		
1998	5	31.6	5.7	8.8	0.9	0	0	41.3	0	19	34.3	0.9	0.5	0	31.1	2.9	5.9	13.4	5.3	0.2	13.6	57.1	0	0	0	22.7	96.5	0.8	5	0	48	17.8	463.3	
1998	6	33.1	2.6	11	7.5	30.2	3.2	8.8	0.6	26.3	25.8	0.1	0.4	0	1.6	0	12.2	20.1	27.4	14	2.2	24.3	0	0	6	0	32.9	1.3	0	0.1	0	291.7		
1998	7	25.3	0.8	0	0	0	13.8	5	6.7	3.4	0.5	3.5	41	5	5.9	35.4	0.4	0	2	3.3	0.4	33.4	9.1	2.2	0.9	3.7	7.4	0.4	5.2	1	0	0.4	216.1	
1998	8	0	0	0	0	2.6	0.5	0.4	2.1	22.3	0.1	0	0	3.6	4	0	0	12.6	1.6	0.1	0	7	0	0	0	0.6	1	1.6	0	0.6	2.2	4	66.9	
1998	9	0	0.4	0	0.4	18.7	0.3	0	0.3	0.2	0	4	0	2	3.1	9	1.3	0	4.3	0.5	0	0.6	5.8	1.7	5	0	0.3	0.5	4.2	1.8		64.4		
1998	10	0	0.8	1.9	0.7	0	7.1	0	0.9	0	2.7	0	0.1	1.8	0.5	0	1.5	0.2	1.5	1.7	0	0.8	0	1	0.2	1.1	0.9	0.8	0	1.3	0.2	0	27.7	
1998	11	0.3	3	0.1	1.7	0	0.2	0.8	1	1.2	0	0	0.5	1	1.5	1.8	0	1.2	1.9	0	0.7	1.2	1.8	0.4	0.2	0	0	0	2	1.6	1.6	25.7		
1998	12	0.1	0	0	0.6	0.8	0	0	0	0	3.4	0.1	0	0.2	0	0.6	31.5	1.3	0	0	2	0	1.7	0	1.8	0.2	0.2	3.7	0.7	0.4	3.5	0	52.8	
1999	1	0	4.5	0.2	12.7	0.8	0	3.5	5.9	7.7	3.6	3.5	1.8	0.2	0	0.4	0	7.6	40.4	6.8	1.7	3.7	0.5	3.6	0.5	5.2	3.5	3.8	23	0.1	39.9	27.5	212.6	
1999	2	6	10.8	37	110	0.7	43.2	15.5	9.8	38	4.7	16.2	13	3.2	2	36.7	11.3	1.5	0	30	17.9	14.7	0.6	4.7	1.7	25.4	5.4	6.8	0.9	467.7				
1999	3	31.5	0	32.5	15.8	3.1	38.9	92.1	10.9	38.7	8.7	12.2	26.9	21.6	26.2	60.5	6.4	42.8	11.5	13.2	0.1	7.1	13.6	8.7	3.7	8.5	0.1	0	1.5	14.3	3.4	6.4	560.9	
1999	4	3.6	64.8	34.9	1.1	41.5	24.6	1	82.4	3.5	6.4	0	14.6	36.5	3.3	0	2.6	0.8	67.8	1.9	4.1	0.3	4.4	6.4	0	113.7	10.5	15.8	0	17.3	56.3	620.1		
1999	5	55.1	0.3	0	0	9.7	3	34	29.4	11.2	0	2.7	0.7	23.7	1.9	10.8	2	4.4	50.4	0.6	0	2.7	3.5	0	0.8	1.5	9.3	0	0.4	1.4	3.4	3.5	266.4	
1999	6	0.3	0.4	4.4	0.2	0	1.4	1.7	0	0	1.5	0.4	1.1	1.6	5.3	2.5	0	0.5	0.5	7.8	0.5	1.1	3.4	1.5	2.3	0	0	4.2	0.6	0	8.5	3.1	54.8	
1999	7	2.9	2.8	0.1	0.6	7	0	0.5	4.6	0	0.1	0	0	0	0	0	0	0	0.1	2.2	1.2	0	0	0.1	0	0	0	0	0	1	0.3	0	23.5	
1999	8	0	0	0	0.2	0	0	0.4	0	0	0	0	0	0	0	0	0	0	0	0	0	8.9	1.1	0	0.8	0	0	0	0.9	0	0	0.5	14.8	
1999	9	0.4	0.2	0	0	0	0.9	0	31.9	1.2	8	0.5	2	1.5	0.3	0.9	3.4	0.1	0	0.8	0	0.7	2.3	8	4.4	2.8	2.8	4.4	6.6	0.6	1.1	85.8		
1999	10	1.6	3.6	2.5	0	1.1	0.2	5.4	0.3	0.2	0.2	1.8	4.2	5.5	0.8	0.2	6.1	0.3	1.7	0.4	0	0	0.8	0.2	4.4	14.1	0	0.8	0.8	0	0.3	0.3	57.8	
1999	11	1.2	1.6	8.5	0	0.4	0	0.8	0.3	0.6	0	0.2	0.1	0	4	0	2	0	0	2.4	1.3	0	2.1	0	0	0	0.4	10.2	1.7	3.1	11.8	52.7		
1999	12	7.5	15.3	7.3	0	2.4	36.6	0.8	0.5	0	17.6	0	0	4.7	2.3	6.6	2.3	0	9.8	0.5	2	15.2	2.7	17.6	8.1	0	40.6	28.7	41	1.3	39.6	11.6	322.6	
2000	1	1.6	0	14.5	1.4	0.3	0	0	0	0	19.5	0.1	2.4	3.2	11.8	3.9	23.7	12.6	2.3	6.4	1.2	7.6	2.4	0.1	4.9	45.1	29.5	14.1	0	4.4	38.2	0.9	252.1	
2000	2	6.6	8.6	2.6	3.1	102.9	0.4	42.2	8.1	15.1	10.1	0.5	54.3	0	15.5	39.1	4.2	10.3	46.6	35.2	1.1	62.1	14.9	68.7	25	4.6	1.8	0	35.6	2.3	621.5			
2000	3	46.9	21.9	5.2	37.7	0.8	0.3	26	24.8	0	4.5	74	29.5	13.2	28	4.8	30.5	8.1	116	6.6	49.4	5.8	23	13.5	0	0.1	8.3	4.8	0.3	2.8	49.8	52.4	689	
2000	4	5.8	2.2	0.7	7.6	0.3	3.5	108.6	1.7	6	10.5	0.9	2.5	42.7	58.8	32.8	6.4	82.1	73.4	6.7	2.1	4.4	17.7	26.6	7.9	1.1	1.6	4	0	2.2	1.5	522.3		
2000	5	0.2	3.1	19.9	5.6	39.4	6.8	1.8	58.1	12	63.8	32.2	3.2	0.7	0	42	4.2	0.4	16.1	1.5	0.5	3.8	2.7	0.2	0	3.3	0.5	0	0.9	0.1	0.8	1.8	325.6	
2000	6	0	0	0	0	6.3	0	0.7	0	0	12.3	2.4	0	0.5	1.5	0.6	5	1.5	4.8	3.6	0.1	0.4	1.6	6	0	0	0.3	0	0.4	0	0	48		
2000	7	0	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.3	0.3	6.5	
2000	8	0.5	1	0	0	0	0	0.8	0.2	8.8	0.7	6.3	0.2	0.2	0.4	0.2	0	0	0	0	0	3.5	0	0	0	0	0	0	0.5	0.4	0.3	0.2	0	24.2
2000	9	0	0	6.5	0	0.3	2	0.7	2.3	0.2	0	0	0.5	0.4	0	0	2.2	0	5.4	0.2	0	2.4	3	2.4	0	0.2	12.8	4.5	0.2	0.6	1.3	48.1		
2000	10	0.3	2.9	1.7	4.3	3.1	0	0	0	0.8	1	3	1.7	0.3	0.8	1.3	0.5	0.3	0	3	0	0.3	1	0.1</										





VALORES	DIARIOS																															SUMA				
ANIO	DIA	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31				
2005	1	0	35.1	17.3	0	5	14.7	9	20.6	32.7	18	13.9	0	9.8	1.8	54.9	2.6	3.7	7.6	3.9	0	0	0.5	0	9.9	10	2.5	0.2	9.3	6.3	74.8	6.5		370.6		
2005	2	5.1	13.3	2.5	0.2	2.4	3.8	2.5	18.3	118	61.6	13.2	26.9	16.7	11	26.7	3.5	0.9	30.2	0.9	0.6	2.5	30.3	0.5	3.8	0	0	7.4	0							
2005	3	2.2	0.9	33.7	0.3	42.5	22.1	26.2	9	0.5	115.9	3.5	50	10.5	27.9	11.5	0	4.4	19	37.1	9.5	22.7	0.4	0.3	10	47.5	1.6	0.8	72.2	2.5	41.3	4.6		630.6		
2005	4	63.8	12.5	3.3	5.7	3.6	2.1	25.2	16.4	13.2	13.5	55.7	2.3	23.2	9	18.7	27.6	44.6	6.8	12.2	16.9	0	82.2	2.1	66.2	0.5	26.2	45.3	33.6	0.9	2.2					
2005	5	0	0	0	0	0	6.6	4.3	0	0	0	3.8	0.2	0	0	0	8.3	0	0	4.6	0	0	0	0	4.6	0	0.3	0.7	0	0	0	0		33.4		
2005	6	0	6.1	0.8	0	0.6	0.2	0.4	0.3	0	0	0.8	0.5	0	0	0	0.3	0	0	0	0	0	0	0.1	1.2	0.3	0.3	0	0	0.8	0	0.4	0		13.1	
2005	7	2.8	0.6	0	0.4	0.6	0	0	0	0	0	0.5	0	0	0	0	1.5	0.3	0	0	0.2	0	0	0	0	0.2	0	0	0	0.2	0	0	0		7.3	
2005	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.3	2	0	0	0	0	0	0	0	0	0	0	0	0.4	0	0		2.7	
2005	9	0	0	0	0	0	0	0	0.3	0	3.7	10	0	0	0.3	1.3	0.8	0.6	1.3	0.6	0	0	1.8	0.4	0	2.8	0.5	0	0.3	6.9	1.2				32.8	
2005	10	1.6	10.7	1.3	0.6	1.3	1	0.3	0	7.2	0	0	0	0	0.4	0.9	0	0	0	0.7	0	0	0	0	4.7	2.2	0	0.4	0.2	0.4	1.7	0			35.6	
2005	11	0.8	0	1.3	0.9	0.2	0.5	36.7	3.1	11.2	4.9	0.5	2.4	2.8	1	0.7	0	0	0.3	0.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
2005	12	0	0.3	0.1	0	0.1	0.2	0.1	0	0	0	0.6	0.2	0.9	2.4	0	1	3.3	0.8	1.4	1.5	2.8	12.3	5.4	23.9	57.5	0.2	3.2	0	1.1	5			124.3		
2006	1	27.5	0	0	9.3	1.5	0	0	11.6	1.6	0	0	1.9	4.4	2.1	2.4	0.8	9	0.3	8.1	0	0	2.6	4.1	0	0.2	16.5	25.2	4.6	15.2	22.3	4.7			175.9	
2006	2	32	1	27.2	54.3	25.8	52.6	10.4	91.1	35.6	16.8	24.8	28.9	13.4	22.1	4.1	21.3	23.6	88.9	8.3	19.8	46	6.6	2.9	16.7	0.4	27	18.2	0.9	720.7						
2006	3	2.7	5.6	13.3	42.6	5.1	97	3.7	8.7	11.5	0	10.2	26.7	63	45.3	38.4	97.1	3.8	5.2	41.4	1.3	84.4	14.2	0.6	6.8	1.2	16.1	0	1.2	52.6	0	0.8			700.5	
2006	4	4	96.6	67.1	19.8	33.6	24.6	0.5	33.9	56.3	0.2	0	12.4	0	0.4	0.9	11.7	0.7	0	0.5	1.2	1.6	0.2	8.8	19.4	0	6.6	4.9	94.5	3.1	4.5	508				
2006	5	13.8	1.7	0.6	2.4	2	7.6	15.8	3.7	9.4	0.2	0	0.7	0.6	0.3	5.5	0	1.9	0	0.1	0	0.6	0	0	3.5	0.1	1.3	0	0	0.1	0	0.3			72.2	
2006	6	0	0	0.5	0	3.8	3.2	64.3	11.5	0.6	0.8	27.7	4.8	0.4	6.7	4.4	0	0.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	129.1		
2006	7	0	0	0	0	0	0	0.8	0.4	0	0	0	0	1	0.2	0	0.2	0	0	0	0	0	0	0	0	0	0	0	20.1	0	0.3	0.2	0.9			24.1
2006	8	0	0.5	0.2	1.6	1	0	0	0.3	0.5	0.2	0.3	0.1	0.4	0.3	0.1	0	0	5.5	0.3	1.9	5.4	9.2	0	13.6	0.5	5.8	14.5	4.4	0	1.1	5			72.7	
2006	9	1.1	0	0.3	8.2	0.1	0	21.1	0.2	2.2	1.9	0	1.2	0.2	2.2	0.7	2.1	1.1	0	0	14.9	2.5	0	0	0.2	0	0	0	0	0	0	0	0	60.2		
2006	10	4.5	0	0.6	0	0	0	2.3	0	0	0	3.5	0	0	1.3	0.9	0.2	0	0	0	0	4.4	3	2.9	0	0	0	0	0	0.2	0	0	0		23.8	
2006	11	0	0	1.9	0	0	0	0	0.8	18.8	1.1	2.8	0	1.8	4	0.6	0	0	0	0.2	6.6	1.4	65.9	6.9	2.2	7.4	5.7	10.8	0	5.6	144.5					
2006	12	0	0	1.6	2.2	3.9	1.8	0.2	1.9	0	0.2	0	0	0	1.3	0	1.2	0	10	4	12.9	0.4	0.9	2.5	3.5	0.5	0.6	0.7	6.3	5.5	0.8			62.9		
2007	1	2.3	5.5	0	0	1.4	0	10.7	3.6	35.9	5.9	1.6	1.5	0.3	3.2	16.8	3.4	41.3	1	4	0.8	19.8	0	7.3	4.2	16.5	12.3	4.5	7	2.6	0.4	8.6			222.4	
2007	2	0	9	11.3	6	4.6	0	7.5	34.8	4.9	0.5	0.7	21.1	1.2	0.3	10.4	46	0.8	1.4	107.9	6.9	10.3	8.8	0	13.3	0.4	0	2.8	0.7	311.6						
2007	3	0.3	0.1	0.9	2.8	8.7	31.1	4.5	6	29.2	53.6	8.1	45.5	37.1	3.1	46.4	16.3	54	9.7	1.9	2.5	3.3	3.1	96.3	7.7	11.1	7.4	4	20.4	6.1	4.5	2.9			528.6	
2007	4	48.7	2.7	40.5	34.8	0	47.3	26.4	4.9	0	6.5	0.3	0.7	47.7	1	2	3.4	28.8	47	10.8	0.5	0.4	9.2	16.9	5.6	29.8	51.1	10.8	1.5	1	97.5	577.8				
2007	5	1.7	7.9	1.2	1.2	19.2	0.4	18	11.4	4.2	8.9	18.9	1.7	0	0	3.5	23.2	1	0	2.5	0.9	0	1.3	1.2	10.9	5.3	1.7	23.3	3.3	5.8	7.7	6.7			193	
2007	6	6.7	13.7	1	1	8.9	5.3	4.9	0.5	5.2	0	0.1	4.9	3	3	1.7	0	0	16.9	2	1.1	1.6	0.4	0.1	5	2.2	0.1	2.1	0.2	0.3	1.2	93.1				
2007	7	0	0	0	0	0	0	0	0.8	4.9	0	0	1	0.5	2	0.2	0.2	0	2.3	0.4	3.1	3.9	7	0	4.3	6.3	1.2	12	0.4	4.2	0.4			55.1		
2007	8	0	0.5	0	0	0	0	7.5	0	0	0	0	0	1.3	0	1	0	0.8	0	1.1	0	3.7	0.2	0	1	0.5	2.1	1	0	0.7	1	0			22.4	
2007	9	0	0	1	0.4	0	1.5	0	0	8.7	1	4.2	0	0.9	0	0.6	0.7	0	0.9	1.2	0.1	0.1	0.2	0	0.8	0.6	20.3	1.8	0.9	1.3	0	47.2				
2007	10	0	2.6	2.6	0	0.1	4.7	3.3	0.8	0.5	0	0	0.5	0.5	0	0	0	0	0	0.8	0	1.1	0.1	0	0.4	1.1	0.5	0.1	0	0.3	0.6	0			20.6	
2007	11	0	0.9	0	0	0	0.5	1.5	0	7.8	1.5	0	0.2	0.5	0.2	0	3.4	1.4	0.2	1	3.6	8.4	0.7	9.7	0.2	0	7.4	0.7	1.4	0.5	51.7					
2007	12	2	2	1.4	0	0.4	0.5	0	0	0	0.9	0.7	3.8	0.8	12.6	1	1.6	0.1	9.7	0	8.2	0.1	24.2	6.1	0	0	7.6	0.4	8.9	0.9	1	35			129.9	
2008	1	10.9	54.5	14.1	7.2	18.7	11.4	16.1	4.3	12.6	21.6	37.4	39.2	1.2	32.2	6.1	1.1	11.9	4.3	11.7	0.1	17.1	15.9	66.5	30.1	65	13.8	13.5	60.7	5.2	28.6	13			646	
2008	2	1.7	32	21.7	0	9	2.6	19.3	2.9	2.1	5.3	48.8	16.8	6.6	36.8	13.2	23.4	18	14.4	16.7	33.8	22.8	0.1	73.4	15.9	11.9	0	11.4	45.3	7.5	513.4					
2008	3	40.1	8.3	46.6	14.8	6.6	0	9.8	14.6	5.2	1.7	9.8	16.9	8.2	0.3	7.6	11.4	53.1	29.1	0.3	13.7	23.4	16.8	1.6	28.9	1.9	26.2	38.7	5.1	42.5	1.4			484.6		
2008	4	28.3	4.1	25.5	0	1.5	16.7	3.8	5	34.2	0	10.3	1.3	0.1	2	12.4	2.8	4.5	21.5	0.1	0.2	21.7	29.6	0.8	6.8	0.6	7	5	2.2	102.2	8.7	358.9				
2008	5	0.1	0	6.8	1.3	60.4	0.2	0	0	0.2	0	0	3.4	15.8	0.6	9	9.8	1.1	13	0	0.4	1	0	0	1.8	51.9	0.9	0.5	2.4	2.1	0.6	2.3			185.6	
2008	6	0	0	0	0	0	0	2.5	10.7	0.7	3.5	2.8	0.9	0.5	1.1	0.2	0	0	27.6	0.5	0.4	0.4	0.4	0.2	6.7	0	0.7	0.3	0	0	0	60.1				
2008	7	0	0.2	0	0.2	0.4	0	0	0.2	0.9	0	3	0	1	10.4	6.3	0	0	0.5	0	1.7	0	1.2	0.3	2.1	0	0	0.4	34.7	2.4	0	0			65.9	
2008	8	0.1	8	0	0	0	0	0	0.5	0.1	0.6	6.6	3.4	0	1.5	3.9	69.8	19.1	1.5	0.3	0.5	0.3	0	0.5	0.2	1	0.6	0	5.3	0.5	0.7	0			125	
2008	9	0	0	0.4	0.2	0.3	0.4	1.3	3.6	0.8	1.2	17.6	0	0	0.2	0	0.2	0.6	3.2	8.6	3.7	2.3	0.6	2.8	2.6	0.3	0.5	0.4	8.2	0.8	0.2	61				
2008	10	0.2	1.5	1.3	0.5	1.3	0.5	0.4	2.2	4.2	0.3																									

VALORES	DIARIOS																															SUMA		
ANIO	DIA	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
2009	2	0.2	10.8	0.3	3.1	0.6	66.1	0	41.1	42.5	9.1	15.9	3.7	14.6	74.5	4.3	7.3	60.5	0.6	3.5	10.8	1	10.7	9.9	11.4	7.9	53.5	14.6	2.1	480.6				
2009	4	0	0	0	0	0.4	3	0.2	0	0.1	15.2	0	0	0	0	0.1	0	5.1	17.9	6.1	4.7	8.2	7.7	6.9	27.6	15.9	4.5	14.6	11	7.4	1.3	157.9		
2009	5	22.4	16.6	0.2	3.9	0.6	0.2	0	21.8	1.4	1	7.7	24.7	1.1	6	0.9	0.1	0	0	6.6	0	4.2	4.1	0	4.6	0	0	0.3	0	0.2	1	0.3		129.9
2009	6	0	3.4	0.6	0	0	0	0	0	0.9	0	0.2	1.9	0	9.8	0	0	0.2	0	0.4	0.3	0	0	0.1	0	0	1.2	0	0	0	0	0	19	
2009	7	0	0	0.2	0	0.3	0	0.2	0	0.2	2.1	0	0	0	0.1	0	0	0	0	0.3	0	0	1.8	1.1	0	0.3	0.4	0	1.9	0	0	0	0	8.9
2009	8	0	0	0	0	1	0	0.2	1.7	0.1	4.8	0.8	1.4	0	3.4	0.1	0	0	0.4	0.1	0.1	0	0.1	0.9	1.6	1.1	0	0	3.9	2.3	0.1	0	24.1	
2009	9	0	0	0.3	1.3	0	0	0	0	1.5	0.1	0	0	0	0	0	1.9	2	0.1	0	0	0.4	0.4	1	0	0	0	0	0	0	2.2	11.2		
2009	10	0.6	0.4	0.2	0	0	1.2	1.8	0	1	0.3	0	0.2	0.1	0	0.3	0	0.2	3.5	0.3	1.3	0.8	0	0	0.1	0	0	0	0	0.2	0	0.1	12.6	
2009	11	0	0	0.1	0	2.3	0	0	0	0	0	1.2	0	0.1	0	0	0	0.2	0	0.9	0	0.3	2.2	4.1	0	2.6	1.3	0	0	0	0.3	15.6		
2009	12	0	8	3.4	0.2	13	5.1	25	1	2.6	1.1	2.9	0.9	9.2	1	0	61.6	3.8	5.4	0.9	14.1	3.6	11.8	3	16.4	31.9	63.9	0.7	2.7	0	0	0	293.2	
2010	1	0	12.1	0	0	3.1	2.8	1.4	11.7	7.4	97.8	25.6	10.2	1.3	0	1.6	0	0.9	6.3	19	6.9	0.8	77.2	15.1	2.4	9	18.8	3.5	3.7	6.3	12.1	2.7	359.7	
2010	2	2.3	3.2	6.4	22	29.2	26.6	0	28.6	43	28.2	11.7	50.1	7.7	6.9	45.3	10	0	7.1	3	0.4	2.3	45.1	36.7	17	21.7	0	10	59.4	523.9				
2010	4	17.4	26	1.4	179.4	6.3	6.9	30.8	2.5	32.5	3.6	4.3	3.3	0	3.2	0.4	38.4	1.4	133.8	60.6	7.6	6.9	74.3	1.1	2.5	0.2	0	35.8	11.1	0	51.7	743.4		
2010	5	1.2	65.8	19.4	4.7	2.3	7.7	9.7	4.2	4.8	9.3	13.5	0	0.8	0	6.4	4.3	6.4	2	0.2	0.9	0.5	4	1.1	0.6	1.1	0	0	0.2	4.3	0.3	1.4	177.1	

NACIONAL DE METEOROLOGÍA DE INFORMATICA/PRECIPITACION TOTAL HIDROLOGIA DIARIA (mm)

E R I E S D E D A T O S M E T

LA LIBERTAD-RIOBLANCO CODIGO: MB89  
 1960 - 2010 LATITUD: 0 31 54 S LONGITUD: 79 7 20 W ELEVACION: 689

VALORES	DIARIOS																															SUMA		
ANIO	DIA	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
2005	6	0.4	0.8	1.5	0	0.9	0.2	19.8	0.8	0.7	0.1	1.1	0.4	0.1	0.8	0	0	0.2	0	0	0.2	1.1	0.9	0	0.2	0.7	0.3	2.2	0	1		34.4		
2005	7	2.7	2.8	0	1.1	0.7	0	0	0.1	0	0	0	2.2	0	0	0	1.2	0.8	0.5	0.6	0.5	0	0	0.2	3.1	0.3	0	0	1.5	1.3	0.2	19.8		
2005	8	3	2.7	0.2	0	0	0	0	0	0	0	0	0	0	0.4	0.3	0	2	1.8	0.4	0.1	5.4	0	0.9	0.7	0.3	0.3	0	0	1.3	0	19.8		
2005	9	0	5.5	2.1	0.7	0	0	3.6	1.2	0	4	3.1	0.1	0.8	2.1	2	0	2.7	1.7	0.4	0	5.4	1.2	0.1	1.3	0.4	1.8	0	8.3	1.8		52		
2005	10	1.6	4	3.7	1.5	3	5.9	0.6	1.9	35.8	2.4	0.2	0.7	1.3	0	0.7	0	0	0.8	2.7	0.6	0	0	0.3	3.9	6.7	0.4	0.3	1	1.4	5.6	0.2	87.2	
2005	11	1.9	1.2	0.6	2.8	0.6	7.9	6.2	1.8	9.5	11	1.9	5	3.5	12.4	0.1	0	2.6	4	0.7	1	0	0	0	1.3	0	0	0	0	0.5		76.5		
2005	12	1.5	2.1	1.4	0.3	0.4	1.1	0.6	0.6	0.7	0	0.4	4.9	0.8	1.1	5.8	1.8	2.4	9.2	5.2	1.6	2.2	8.9	12.6	15	9.4	47	7.9	21.8	0.8	9	3.2	179.7	
2006	1	5.9	4	0.4	21.8	21.4	1	0	13.2	14.6	0.6	0.7	2	3.1	27	3.3	0.9	4	6.2	19.4	0.3	2.8	4.1	9.1	2.4	0	23	20.7	25.4	29.6	16.8	15.6	299.3	
2006	2	20.5	1.1	16	58	18.8	2.5	74.6	95.7	49.7	13.2	12.4	20.7	18.5	55.6	10.7	3.1	7	57.4	8.3	17.6	9.8	2.5	14.1	8	9.5	20.1	7.7	8.1			641.2		
2006	3	5.2	4.9	24.6	15	15.9	57	6.9	35.7	11.9	5.6	13.7	46	64.9	41.4	30	54.9	22.7	0.1	12.7	22.3	34.1	14.4	6.3	14.8	1.4	13	0.3	5.2	19.4	8.2	22.1	630.6	
2006	4	2.5	57.8	45.4	67.2	40.7	45.8	5.1	0.4	59.8	0.7	7.7	9.8	0.4	21	0.6	3.6	5.3	0	1	4.9	8.9	2.5	22.3	5	0.7	11.4	2.5	43.1	4.5	3.2		483.8	
2006	5	3.4	14.2	11.2	3.3	28.6	9.5	21.2	10.5	0.8	0.7	0	0.6	0.3	0	5.1	0	2	0	4.7	3.4	0	0.3	0	4.4	2.2	3.3	0	4.5	1	1.9	6.7	143.8	
2006	6	0.7	0.6	2.6	3.1	6.9	28	32.5	49.2	1.4	15.3	5	11	2	2.6	4.2	0.7	0	1.2	2.4	0	0	0	0	0	0	0	0	3.6	1	0.4		174.4	
2006	7	0.3	0	0	0	0	0	3.9	0	0	0.4	0	0	1.8	0	0	0	0	0	0	0	0	0	0	0.4	0	0.6	1.2	0	1.9	0.7	1.2	12.4	
2006	8	0.7	0.7	0	5	2.7	3.4	0.3	5.9	2.7	0.5	0	0	0	0	0.2	0	0	1.1	0.8	0.2	5.8	4.6	1.4	7.2	0.2	5.5	4.5	7.1	2.2	0.1	3.5	66.3	
2006	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2006	10	7	0.1	0	1.2	0.3	0	4.4	0.8	0	2.5	2.9	2.3	2.9	2.6	0.2	0.3	0	0	0	0	0	0	4.2	4.6	7.4	0.1	0.2	4.8	1.3	6.8	1	0.5	58.4
2006	11	0.2	0	2.9	2.8	2.9	1.2	0.5	1.6	0.3	12	6	4.4	2.5	2.9	7.4	0.1	2.1	1.5	0.7	0.3	5.2	6.7	24.6	25.1	24.4	23.8	23.6	12.8	4.2	6.2		208.9	
2006	12	5.8	3	0.9	12.1	2.7	40.4	5.9	2.5	33	0	0	0	1	0.5	0.1	0	0.5	0.9	29.8	10.7	2.4	1.1	20.8	27.5	1.1	7.1	1.1	21.5	4.6	3.8		240.8	
2007	1	1.3	1.9	0.1	0.9	9.1	17.2	8.5	7.4	23.3	30.5	14.5	10.2	0.7	1	8.3	0.2	8.4	19.7	3	3.4	15.4	27.9	13.5	12.5	55.5	28.4	3.2	5.7	5.7	18.6	3.9	359.9	
2007	2	1.6	3.2	3.6	3.1	7.5	4.2	53.3	15.8	12.4	4.7	0	9.8	7.1	7.2	31.9	12.7	0.1	5.2	40.7	2.1	5.9	6.2	1.7	11.7	5.8	5.1	0.3	6.8			269.7		
2007	3	6.1	0.6	3.4	7.7	7.4	21.3	29.1	12.7	10.2	7.5	4.4	38	16.4	2.4	43.6	39.8	15	17.3	24.8	3.2	3.9	6.2	53.4	4.5	24.6	12.2	4.4	15	14.9	4.3	2.4	456.7	
2007	4	31.7	5.8	0	18.4	0	9.2	3.8	17.9	32.9	36	2.9	4.5	14.2	7.8	20.3	0.9	11.1	58.7	19.7	5.2	0	41.9	8.6	1.8	15.6	41.8	0.4	3.8	2.4	55.9		473.2	
2007	5	11	4	10.4	12	50.8	17.3	10.7	20.4	6.2	27.1	5.5	5.6	0.4	6.6	18	61.7	1.8	1.3	6.6	6.2	7.3	5.3	16.9	11.3	11.8	4.9	26.8	40	17.4	27	10.6	462.9	
2007	6	14.3	13.5	0.4	9	8.4	17.1	18.7	8	1.2	14.3	1.8	1.6	8	4	7.9	2.6	0.2	0	2.5	5.8	4.3	4.2	1.4	6.2	6.4	0.1	11.8	0.1	0	0	173.8		
2007	7	0.9	0	0	0.3	0	0	0	0	0.6	8.7	0.7	0	0	0	2.3	5	0.8	0.3	2	3.9	14.4	2.2	2.2	11	0.4	0	2.3	8.3	1.8	0	0	68.1	
2007	8	0	0	0.7	0.2	0.3	0	12.1	2.3	0.1	0	0	0	2.7	2.9	3.9	0	5.8	0.4	0	0	2.3	1.9	1.5	0	0	1	0	1	0.3	4.3	0	43.7	
2007	9	0	2.7	1.5	5	5.3	4.7	3.8	0.2	12.4	4.2	11.7	5.6	3.6	0	3.5	2.1	7	3.4	1.5	0	3.1	0	0	3.1	4	4.6	2.8	0	6.8	0		102.6	
2007	10	0.2	2.2	4.1	0.5	5.4	11.7	6.4	5.9	9.1	3.2	2	1.6	0	1.3	1	0	2	0	0	0	3.4	0.8	0	0.4	0.9	1	0	2.2	4.9	0.1	0.4	70.7	
2007	11	2	3.5	3.3	0	0	4.6	4	6.2	7.4	5.9	3.6	1.3	1	1.5	14.1	0	3.7	6.9	6.9	7.8	1.3	6.4	1.5	17.2	5.9	0.6	1.1	1.6	1.1	0.5		120.9	
2007	12	0	6.7	1.5	0	0	5.4	0.1	4.4	0.6	2.8	3.5	4.7	2.7	15.2	1.2	6.4	1.2	2.7	1.1	9.4	0.3	9.4	21.9	0.5	1.3	5.1	15	7.1	4.7	4.7	5.9	145.5	

VALORES	DIARIOS																																
ANIO	DIA	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	SUMA
2008	1	12.4	52	7.5	10.4	35.2	76.8	18.9	13.1	10	14.4	15.6	42.1	1	35	21.6	26.4	5.9	13	8.8	0.5	9.2	6	79.7	55.8	23.3	31	12.6	56.3	94.8	18.4	15.5	823.2
2008	2	6.7	26	45.3	0	6.5	6.3	8.6	2.8	10.4	6.5	26.3	15.5	43	43.4	30.2	59	57.5	43	41.9	21.2	43.3	0	1.6	43.7	36.4	33.8	45.7	18.4	7.5		730.5	
2008	3	40	13	52.5	2.1	20.6	5.6	43.5	8.6	61	4.7	36.5	1.1	29.1	2.3	3.3	30.3	62.4	12.8	1.4	3.3	2.5	2.1	7.4	17.1	8.8	8.6	35.2	23.6	3.4	58.6	601.4	
2008	4	33.7	50.6	12.8	7.8	0	22.8	19.9	5.3	24.8	0	5.5	0	1.5	31.4	0.6	5.4	3.2	11.2	3.4	61	59.2	13.6	15.1	26.8	0	8.1	8.5	21.7	20.8	1.3	476	
2008	5	1.1	0	8.2	5.1	3.8	6	1.5	0	1	0	8.6	3.7	0	7.3	16.7	3.7	20	6	2.7	0.7	32.5	1.8	0	0	48.6	0	1.7	5.7	3.2	0	5.6	195.2
2008	6	0	0.5	0.6	2.8	0.1	0.5	0.5	24.7	30	2.8	0	1.2	1.2	8.2	2.4	18.8	4	2.8	1.9	1	0.7	1	0.1	6.2	0.5	0	0	1	0.3	0	113.8	
2008	7	0	4.2	7	4.1	4.9	0	0	0	9.4	2.1	9.8	1.2	0	9	3.6	1.8	0	4.8	7.1	0.8	10.6	2	3.8	0.4	1.4	1.2	8.6	1.5	2.2	12.1	1.3	114.9
2008	8	0.1	8.1	1.9	0	0	3.9	0	0	0	3.1	5.3	6.7	5.3	0	13	14	4.2	2.4	2	0	0	3.1	4.9	0.7	1.1	9	0.9	6.8	1.8	2.2	0.1	100.6
2008	9	5.6	2	1.8	5.6	3.8	0.4	6.5	0	5.5	0	4.8	0.2	5.5	0	1	0	0.3	0.9	0	9.9	11.6	0.3	0.6	0	3.7	7.1	0	12.7	1.7		91.5	
2008	10	3.1	4	1.1	4	0.5	2.7	5.3	1.6	7.2	2.1	1.1	0	1.9	1.9	0	0.2	1.2	6.5	0.5	6.9	0.3	6.5	5.2	2.5	0.4	0	32.8	0.5	10	2.4	5.5	117.9
2008	11	5.1	0.5	0	0.8	5	15.3	3	8.5	1.8	10.8	0.6	0	0	3.1	0	0.8	0	2.2	0	0	2.1	0	0	2.4	0.3	0	7.5	0	0	0	69.8	
2008	12	0	0.4	0.3	4.9	8.4	1.5	14	1.6	0.3	0	0.7	21	2.7	14.9	4	1.2	5.4	4.8	1.6	35.6	3.9	5.6	1.6	1.8	0	0	1.6	5.2	1.1	3.6	147.7	
2009	1	5.8	2.7	5.6	3.1	1.6	6.2	3.1	3.9	12.3	2.3	15.5	4.6	39	2.3	21.9	21.9	33.2	10.7	3	19.1	31.1	15.6	79.7	16	43.2	1.6	27.8	70.6	5.2	13.4	19.3	541.3
2009	2	6.7	0.6	0.5	11	1.1	29.7	1	7.7	45.1	6.5	14.8	9.6	25.5	45.2	105.7	3.7	27.1	6.5	7.3	3.9	12.2	32.4	15.9	41.4	18.9	0.3	2.8	84.3			567.4	
2009	3	8	42.8	10.8	25.8	3	6.2	6.3	5.5	1.1	5.7	7.6	95.9	3	26.8	2.7	21.6	13	25.5	2.3	8.9	50.6	79	2.7	36.7	46.1	49.5	25	1.4	78.3	74.4	1	767.2
2009	4	0	0	0	0.5	5.7	0.2	7.4	3.3	5	10.2	0.6	4	0	0	7.3	0.7	5.6	12	3	9.3	17.8	6.2	1.1	6.5	2.7	21	12.9	8.3	2	9.5	162.8	
2009	5	45.2	8.3	0.8	9.3	0	5.2	0.1	1.9	4.2	8	4.3	45.2	19.9	52.4	2.1	4.5	1.7	0	5.8	1.9	15.9	1.6	22.7	0.3	2.3	0	0	1.3	2.5	1.1	0.4	268.9
2009	6	0.4	16	0.6	0	0	0	0	0	7.2	1	16.1	6.1	0.3	2.4	2.1	0.4	4.2	0.5	3.9	5.8	0	0.5	1.8	0.2	1.6	4.3	0	0.2	0.8	3.6	80	
2009	7	0.3	0.3	0.2	0.1	0	0	2.3	0.1	4.2	3.5	1.4	0	0	0	1.8	0	0	0.8	1.8	0.9	18.3	0.7	0	1.7	6.6	0	0	0	0	0	45	
2009	8	0	2.2	0.6	0	6.6	0	0	0	0	2.8	0.3	0	0	5.5	0.5	0.8	2.2	0	0.9	0	0	1.2	0	0	5.6	0.8	0.3	0.5	17	1.5	49.3	
2009	9	2.3	0	3.9	5	0	0	1.5	0	0	0.9	0	0	0	0	2.4	1.2	1.8	1.4	0	0	1.6	1.2	0	0	0	0	0	0	0	0	23.2	
2009	10	6.9	1.9	0.4	0.2	1.4	1	8.3	2.8	0.5	7.9	1.1	1	3.7	0	4.3	0.5	0.8	9.4	0	2.5	0.2	0.3	0	0	0	2.5	0	0	0	0	57.6	
2009	11	0	0	0	0.2	1.5	0	0	0	1.5	0.4	0.5	0.2	0	1	3.5	0.6	10.4	0.5	1.5	2.4	1.9	4.3	5.4	0	0.9	0	2.4	0	0	1.4	40.5	
2009	12	4.8	15.5	26.4	5.4	54.2	35	4.2	0.3	26.5	1.5	5.2	0.4	36.3	1.9	0.5	27.6	27.3	2.8	9.6	40	12.9	3.9	1.2	8.2	38.2	50.8	19.5	4.3	13.4	0	0	477.8
2010	1	0	5.1	0.9	1.2	3.9	1.2	0.3	7.5	4.1	22.9	35.9	43.6	2.8	4.2	4.6	0.1	0.2	10.4	14	9.2	2.1	38.4	40.6	20.1	23.5	19.4	6.8	12.9	4	11	4.1	355
2010	2	17.9	16.7	12.8	3.6	36.4	25.1	2.1	2.6	36.1	27.4	38.5	16.9	10	0	33.4	16	3.2	6.9	11.2	4.9	5.7	59.7	8.5	17	15.3	0	17.4	44.7			490	
2010	3	28.9	15.7	23.4	2.6	5.8	13.1	20	10	4.4	1.4	8.5	26.1	3.2	0	6.2	12.9	15	17.7	0.3	2	3.7	4.1	2.3	0.2	7.2	12	0	5.9	9.2	1.3	17.3	280.4
2010	4	43.2	0.5	38	52.5	11	0.4	20.8	37	58.1	23.2	1	54.9	0.5	2.8	1.5	21.7	0.3	26.4	65.7	1.8	0.5	3.1	2.6	8.8	0	5.4	27.2	18.6	5	42.9	575.4	
2010	5	33.7	34.9	12.2	49	11.4	12.6	10	0	0	23.1	38.2	0.9	18	15.3	13.1	0.2	14	6	0.1	3.7	0.7	2.8	1.4	1.6	0	0	0.4	0	1.7	0	4.8	309.8
2010	6	0.3	0	2.3	0	8.6	0.4	0.6	15	3.1	0.1	0.2	0.7	1.6	0	0.1	11.5	4.9	2.2	3.6	8	4.3	4.4	4	0	1.5	1.7	0.8	13.2	3.6		96.7	
2010	7	5.9	0	1.9	4	16.6	0	0.9	12.2	4.9	0	4	24.4	11.7	0	1.9	0.9	2.7	18.9	10.4	0	1	0.3	2.2	3.4	0.9	0	0	0	0	0	0	129.1
2010	8	2.2	0	1.2	3.5	0.2	0	0.2	0.3	2.4	0	0	0.9	0.2	0	0	0.3	4.6	1.2	2.6	0	0.8	0.5	0.4	0.3	0	1.6	0	3.7	0.6	1.3	37.5	66.5
2010	9	0	4.3	1.6	2.3	1.4	0.5	5.4	0.6	0	0.4	1.9	0.5	2.5	6.6	0.3	0	0	0.7	0	0	1.2	0	0	0	18.2	0.3	2.1	4.8	3.5		59.1	
2010	10	0.3	3.8	0.2	0.4	0.3	1.5	0.4	1.8	1	0.2	5	0	2	1	3.7	2.7	1.1	1.1	1	0.5	3.5	8.7	2.2	0.5	0.4	0.2	4.5	0.5	0	4.9	0.5	53.9
2010	11	0.3	2.5	2.4	0	0	0.9	0	0	2.2	1.4	23.7	13	1.3	3	2.7	2.9	10.1	2.9	2	3.4	2.5	1.9	1.7	0	0.6	1.4	3.7	1.7	1.5	0	89.7	
2010	12	0.3	0.1	5.5	1.4	4	9	15	6.4	5.5	1.8	6.8	0	24.6	72.4	3.4	14.8	1.8	14.2	1.1	7.2	31.7	3.6	47.5	4.5	31.7	28.5	14.9	6.4	14.7	9.6	11.8	400.2

INSTITUTO NACIONAL DE METEOROLOGIA E HIDROLOGIA  
 DIRECCION DE INFORMACION DE PRECIPITACION DIARIA (mm)

S E R I E S D E D A T O S M E T

NOMBRE: LAS PAMPAS CODIGO: M362  
 PERIODO: 1960 - 2010 LATITUD: 0 25 32 S LONGITUD 78 57 54 W ELEVACION 1583

VALORES	DIARIOS																															SUMA		
ANIO	DIA	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
1990	1	0	2.2	1.4	4.3	0	0	0	1.2	1	2.4	9.4	38.2	29.5	0	0.9	2.1	8.8	1.9	0	3.9	5.2	3.9	2.4	1.8	0	20	3.6	28.5	10.6	13.7	0	196.9	
1990	2	7.9	26.6	0	52.3	26.6	0	1.5	0	2.8	16.2	1.3	10	4	31.5	14.9	7.4	33.4	13.4	0	3.9	18.2	4.8	16.2	14.2	2.1	1.9	0	0	311.1				
1990	7	0	2.3	2.5	0	2.8	0	2	0	0	0	0	3.3	1.5	2.8	4	0	0	0	0	0	0	1.8	0	0	0	5.5	2	0	0	0	0.2	30.7	
1990	8	0.8	0.5	0	1.5	0	0	0	0	0	0	0	0	0	2.9	0	0	0	0.8	0	11.7	0	2.6	0	0	0	0	0	0	0	1.9	0	22.7	
1990	9	1.9	1.2	0	0	0	0	0	0.5	3.1	2.6	0	1.8	0	0	0	0.5	0	0.4	0	0	0	3.1	0	0	0	0	0	0	0.9	0	16		
1990	10	3.8	7.9	0.6	8	2.5	2.4	4.3	0.8	0.9	0	0.1	0	1.4	4.5	19.1	11.3	0.3	0	0	0	0	0	0	0	4.3	1.2	3.9	0.7	0	0	0	78	
1990	11	0	0	0	0	1	1.3	1.3	2.6	7.9	0.5	0.7	1.5	1.3	2.5	0	0.5	14	1	0.6	8.7	7	0	0.5	11.4	0	0	0	0.3	0	0	64.6		
1990	12	2.2	0	0	0	1.4	0	0	0	0	3.6	4.9	0.9	0	0	0	8.3	0	0	0	2.4	25.2	3.6	11.2	10.8	18.9	25.1	1.6	4.6	12.2	12.1	149		
1991	1	0	0	0	0	1.3	2.8	0.9	6.6	2.5	0.3	30.5	0	6.3	40.4	0	9.8	31.1	13.9	21.7	27.6	1.2	1.8	0.3	0	2.6	0	0.2	9.9	7.1	12.4	19.1	250.3	
1991	2	9.8	0	66.3	4.7	2.8	12.9	11.2	4.1	5.6	3.4	4.9	19.5	0	3.5	11.4	4.7	11.2	15.9	43.1	28.1	15.1	2.1	3.4	2.9	0	0	12.7	0	299.3				
1991	3	23.8	15.7	0	1	29.8	7.9	3.6	0.5	5.6	9.1	17.8	7	18.6	1.2	18.7	42.5	9.7	2.7	9.9	8.9	17.1	15.5	9.1	0.6	29.3	1.7	7.8	12.2	0	14	0.7	342	
1991	4	0.5	0	0.4	19.3	7.3	2.7	20.5	24.4	1.8	25.2	10.8	13.5	14.6	16.7	0	29.2	10.4	0	0	0	11.3	3.5	25.2	7.1	4.2	0.4	11.8	12	9.1	13.1	295		
1991	5	17	5.9	31.1	6.7	2.6	25.8	14.2	1	20.5	3.7	2.2	7.7	3.9	3.3	2.8	35.7	35.5	6.9	0	27.9	7.9	0.6	3.7	2.3	3.6	0	1.8	4.3	17.3	0.8	0	296.7	
1991	6	0	0	4.5	0	2.5	0	3.2	0.9	0.6	0	0.5	0	0	2.2	0	0	1.3	6.4	0	0	3	2.9	0	0.9	0	14.6	0	16.2	0	5.6	65.3		
1991	7	0	0	0	0.3	6.2	16.2	4.4	0	1.4	0.6	2.5	0	0.3	0	0	0	0	0	0	0	0	5.8	0.6	0	2	1	0	3.5	1.2	0	5	51	
1991	8	1.2	0.4	9.7	5.9	0	1.5	0.7	6.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	25.6
1991	9	0	0	0	0	0.9	0	0	0	0	5.1	0	0	0	0	0	0	0	0	0	1.1	3.8	0	5.1	3.1	3	0	0	0	0	0	22.1		
1991	10	2.6	35.4	6.6	0	0	1.7	0	0.8	0	0.8	0	0.3	0	0.2	0	0	1	16.3	0	0.1	2.2	1.7	0.8	0.8	0	1.5	1.2	4.1	0	1.5	2.3	81.9	
1991	11	1.9	5.6	0.6	0	0	0	0	4.6	0	0	0	0	0	4.7	0	0.1	0	2.5	7.8	1.3	0	3.8	0	0	9.5	1.3	6.9	0	0	1.7	52.3		
1991	12	1.2	0.3	0.5	39.4	2.1	3.5	0	18	0	4.8	5.7	6.5	7.5	3.6	21.2	0	0	0.5	5.3	0	3.4	0	4.8	14.4	0	0	0	40	0.5	3	0	186.2	
1992	1	3.1	2.8	12.6	9.5	22.4	21.1	3.6	1.9	0.6	7.2	10.2	4.8	22.3	3.5	3.9	1.6	0	0	2.1	15.4	14.2	3.9	7.2	10.8	1.6	9.7	5.3	7.5	3.1	1.4	0	213.3	
1992	2	0	1.7	0	18.1	5.5	12.1	1.5	13.5	11.2	22.4	67.5	0	0	11.2	9.2	5.7	8.7	3.8	7.1	3.5	23.9	21.3	22.4	7.6	2.5	13.4	2.8	0	0	296.6			
1992	4	0	0	7.9	0	0	9.5	0	2.9	0	5	2	20.2	3.5	20.7	2.6	21.6	4.4	10	0	19	30	40	5	10	30	20	11.5	1.7	0	2	279.5		
1992	5	19.1	4.7	13.7	1.9	33.1	11	5.9	13.7	15.8	6.1	3.3	10.1	7.1	8.1	10.3	12.1	20.1	15	20	12	5.1	4.2	6.1	10.4	0	3.8	15.3	13.2	15.4	14.4	2.2	333.2	
1992	6	1.1	2	5.1	6	0.1	1.1	2.2	1.2	2	0.8	3	4	2.4	1.8	0	1.1	1.2	0	1.1	1.2	0	2.2	0.8	0	0	0	1	2	0	1.2	44.6		
1992	8	0	0	0.1	0	0	1	0	0	0	0.1	0	0	0	7.8	12.3	3.7	1.2	0.3	0	0.2	0	0.8	0.1	0	0	0	0	0	0	0.8	5.6	34	
1992	11	8.3	0.1	0.5	1.3	0	0	0	2.3	0	0	0	0	0.8	0	0.6	0	1.7	3.2	0	1	0.4	0	0	0	0	0	0	0	0	0	20.2		
1992	12	0	0	0	0	0	0	0	0.8	0.8	13.5	0	0	0	1.6	4.1	0	17.5	0.5	14.9	18.5	18.4	5.9	13.5	8.1	0	3.4	5.9	3.3	1.5	0	1.6	133.8	

VALORES	DIARIOS																																		
ANIO	DIA	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	SUMA		
1993	1	6.9	10.3	7.1	28.9	49.5	12.9	16.7	0	0	13.5	2.4	2.6	8.1	4.7	7.8	5.6	7.1	1.8	5.2	16.2	8.1	8.9	13.5	6.5	18.8	16.8	14	7.2	1	50	352.1			
1993	2	47.3	23.4	9	0.6	9.7	24.2	6.2	25.2	29	19.9	37.2	14.3	2.6	13.5	16.3	9.5	0	87.7	32.9	6.1	1.5	9.2	19.9	5.3	41.9	3.9	23.2	6.1	525.6					
1993	3	26.3	41.7	11.6	4.9	2.2	0	6.1	18	9.7	6.1	3.4	3.9	0	2.9	8.9	27	8.2	4.1	0	12.7	9.3	46.3	6.1	6.6	6.2	2.9	0	50	2.4	5.3	10.2	343		
1993	4	22.9	6.5	3.1	10.2	6.8	13.4	1	2	10.3	22.6	25.2	25.4	20.3	25.4	20.9	15.4	17.5	25.3	10	13.1	8	8.2	22.6	30.2	32.3	25	39.6	1.1	8.4	20.1	492.8			
1993	5	10.1	10	8.4	10.6	1.1	3.7	1.2	3.2	37.4	3.2	1	2.1	3.4	2.1	4.5	13.3	2.2	2.2	10	13.1	0.1	7.7	3.2	4.2	3.2	6.4	3.2	4.1	3.2	1.4	1.3	180.8		
1993	6	0.1	2.3	2.3	1.1	1.1	0.2	3.1	2.1	4.1	1.1	0	0	0	0	0	0	0	0	0	0	5.5	1.1	1.1	0.9	1	1.1	1.1	1.3	1.1	34	65.7			
1993	7	6.1	1	2	0.5	3.2	4.3	2.4	0	0	1	0	2.1	1	1.2	1.2	1.1	2.1	1.2	0	0	0	0	0	1	1	1	0	0	0	0	0	0	33.4	
1993	9	15.2	12.1	15.1	5.1	5.1	1.1	1.1	1.3	0	5.1	1.2	5.2	3.2	2	1.1	5.1	6.1	2.3	3.2	3.5	5.2	2.1	5.1	4.1	3.2	6.2	2.2	3.1	1.4	3.2	129.9			
1993	10	2.1	3.2	1.1	0	3.4	0	3.3	5.1	4.1	0	1.2	3.2	4.1	5.2	1.2	1.1	1.1	0.3	0	0	0	0	0	3.1	2.1	1.4	2.4	5.1	6	5.2	2.1	67.1		
1993	11	5.5	12.5	0.2	0.8	0	1.4	4.0	4.3	2.2	0	0.4	0	0	0.4	0	0.2	0	1.5	1.2	0	0	0	0	0	0	0	3.6	0	1.7	0	75.9			
1993	12	0.6	1.1	0.1	0	7.7	2.5	5.1	5.6	1.6	3	39.8	3.9	2.2	4.9	2.1	28.1	2.9	0.2	1.1	3.6	8.4	6.8	3	20.9	24.4	9.4	9.4	12.7	6.5	31.6	0	249.2		
1994	1	0	1.3	11.8	1.2	0	14.2	20.9	21.6	2.3	0	4.6	6.5	22.6	71.8	16.1	7.7	18	7.9	0.8	0.3	15	16.1	0	6	5.5	1.4	0	34.7	24.6	62.9	95.3	491.1		
1994	2	27.3	28	16.2	5.3	17.2	3.2	0	1.4	10	9.1	15.7	11.7	3.3	18.1	0	1.9	11.5	2.2	0	0	38.3	4.3	9.1	33.9	10.9	1.8	9.8	0	290.2					
1994	3	26.4	8.5	85.6	11.1	2.2	31.9	42.7	0	3.1	1.1	13.5	53.3	13.3	31.2	4.6	5.4	3.5	9	16.9	2.9	12.8	1.6	1.1	3.3	7.7	5.6	19.5	4.5	28.9	9.8	24.5	485.5		
1994	4	24.4	2.2	3.7	5.9	2.8	53.1	5.4	4.2	12.4	2.8	6.9	25.7	23.2	14.2	9	4.6	2.3	46.6	14.8	0	1.4	7	2.8	4.9	50.7	3.1	10.5	2.7	0.5	4.1	351.9			
1994	5	0	3.5	7.6	41	16.5	16.6	4.3	15.1	8.4	26	20.5	1.1	0	24	0	37.3	0	0	1.9	0	0	5.2	26	2.2	10.9	0	0	0	2.1	0	3.6	273.8		
1994	6	0	0	22.3	2.1	0	4	0	1.9	0	0	0	0	2	0	2.7	0	0	3.6	20	0	0	1.8	0	0	0.4	0	0	1.3	0	0	62.1			
1994	7	0	0	1.4	0	0	0	4.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5.7		
1994	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0.3	0	0	0	0	0	0	0	1.5	0	0	2.7	0	0	0	0	0	0	4.5		
1994	9	0	0	0	0	0.9	0	0	0	4.2	0	0	0	0	0	0	0	4.6	0	0	0	0	0	0	0	0	0	0	21.7	0	0	31.4			
1994	10	0	0	0	0	0	24.2	43.7	0	0	0	0	0	8.4	0	0	0	0	0	0	0	3.2	0	0	0	0	0	0	0	0	0	19.5	99		
1994	11	0	0	0	0.5	0	0	0	0	18.3	0	4.4	4.1	5.2	16	27.9	0	0	0	0	0	0	0.8	18.3	0	0	0	0	0	0	0	0	95.5		
1994	12	10.6	0	0	6.2	0	0	0	0	11.5	48.5	0	0	39.5	1.1	0	3.3	0	25.8	27.2	6.2	8.1	19.5	48.5	0	56	10.3	15.2	3.9	4.5	10	7	362.9		
1995	1	5	4	10.5	12.2	5.2	4.5	12	30	60	12.8	0	15.1	0	0	8.2	5	4	5.1	6.2	0	0	4.4	12.8	10	15	5	6	10	5	7.3	0	275.3		
1995	2	7.5	5.3	4.1	5	5	0	0	0	1.1	0	29.5	0	0	0	30.4	10.3	20.3	11	4.1	1	3	1.1	5.1	0	10.2	9	1	164						
1995	3	2.3	1.1	2.3	10.1	20.1	40	10	10.1	20.1	13	10.1	20.3	0	0	0	0	8.5	8.4	22.3	22.4	34	13	5.1	1.1	7	12.1	10	13.3	1.4	5.2	323.3			
1995	4	15.5	4.2	5.1	1.1	4.2	3.1	30	20	40	3.5	10	10	62.7	50	50	5	10	5	10	0	0	3.5	10	20.5	20.4	0	0	0	7.7	401.5				
1995	5	0	0	0	0	0	0	0	0	11.5	4.9	5.3	0	0	8.2	8.3	19.9	0	0	6	0	17.3	0	4.9	14.5	0	5	10.5	10.4	0	10.8	6	143.5		
1995	6	2	0	0	24.1	4.1	3.1	0	3.2	1.1	5	3.2	5.1	0	2.2	2.1	0	0	10	5	0	3.1	5	5	5	5	0	4	0	3	100.3				
1995	7	3.1	2.2	15.5	0	3.1	2.3	4.1	1.1	5.1	0	3	1	1.1	0	4.3	6.3	3.1	2.1	1.1	0	3.7	4.2	0	1.4	0	3.1	4.2	5.1	5.7	1.1	1.4	88.4		
1995	8	3.1	0	0	5.1	3.2	4.3	1.1	2.1	4.3	10.1	1.1	10.5	5.4	1.1	4.1	3.1	3.1	6.2	10.3	5.9	4.2	8.1	10.1	10.4	2.3	0	0	1.4	0	0	120.6			
1995	9	0	0	3.1	0	0	1.2	3.3	0	0	10.6	2.6	0	4.2	0	0	2.2	0	0	0	2.3	1.2	10.6	0	0	0	1.3	0	27.4	0	70				
1995	10	0	3.5	0	2.4	0	2.6	1.2	2.1	2.1	4.2	0	0	0.7	0.8	1.2	0	2.1	1.5	2.8	11.7	3.2	0.3	4.2	5.9	6.6	1.5	4.2	12.1	10.9	9.6	0	97.4		
1995	11	11.1	0.4	0	2	6	20.6	34.6	24.5	0.9	1.2	6.5	0.2	0	0.3	0.2	0	0.3	0	0.6	1.1	0.9	0	1.2	1.7	25.3	0	2.8	0.2	0.2	0.1	142.9			
1995	12	0.2	0	6.5	5	0.1	0	0	0	5.8	0	0.1	0	0	0	0	0	0	0	0	3.1	0.2	1.8	5.8	3	5	4.8	28.5	12.2	2.4	4.1	1.1	89.7		
1996	1	0	0.8	3.8	7.7	1.8	0.9	5	3	6.8	0	5.4	4.2	1.1	1.5	13.1	19	0.5	11.2	12.4	9.4	22.2	0.6	0	10.4	0	8.8	21	6	17	17.2	6.1	216.9		
1996	2	4.3	6.2	20.8	36.3	74.8	11.2	2.2	9	3.3	15.5	1.7	0.5	19.2	23.5	0.8	10.3	3.5	40.8	10.9	14.1	5.5	45.2	15.5	0	0.8	5.5	7.3	3.2	47.1	439				
1996	3	6	9.5	6.4	26	4.5	70.7	2	1	6.6	5.5	21.3	50.1	3.6	35.9	1.1	0	0	0	6.3	21	6	1	5.5	5.5	22	1.2	6.3	15.7	30.9	0	3.2	374.8		
1996	4	6	8.7	15.5	5.1	11.2	0	18.2	23.6	9.2	6	7.8	2.5	3.3	49.9	0	2.6	11	27.7	0	2.5	0	9.4	6	0	2.4	2.2	7.2	23.2	9.9	273.3				
1996	5	8.8	6.5	25.5	6.3	65.5	21	21.9	0.5	2	1.4	3.5	31.5	10.9	0.9	3.2	0	3.9	19.2	4.8	0.3	0	2.4	1.4	1.2	0	0	5.5	0	51.6	9.2	0.3	309.2		
1996	6	0	0	2.3	6.8	0	0	0	0	0.3	0	0	0	0	1.1	1.8	1.9	0	0	0.2	0	0	0	0.3	1.8	3.5	7.3	0	1.1	3.5	6.7	38.6			
1996	7	4.8	4	0	0	1.2	0	0	1.2	0.5	0	0	0	0	0	0	0	0	0	0	0	0	8.3	0	0	1	0	0	1.6	0	0.3	0.2	0	23.1	
1996	8	2.9	2.6	2.9	5.4	6	1.4	0	9.3	0.5	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0.4	0	0	0	32.4		
1996	9	0	4.4	3	0	0	0	0	0	1.5	0	0	0	3	0	0	3.2	0	0	3.3	1	0	0	0	2.5	5.3	0.3	0	0	9.7	0	37.2			
1996	10	0	0	0	0	0	0.8	0	1.7	3.8	2	0	0	0	0	0	0.4	2.9	3	0	0	0	2	0	0	0	5.9	2.1	2.1	0	2.1	2.1	30.9		
1996	11	16.8	0	3	1.5	0.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2.4	0	24.5				
1996	12	0	0	19	25.1	16.6	0.8	0	22.6	0	4.8	0	0	0	0	2	0	0	0.6	0	0	0	4.8	0	0	1.1	12.2	3.9	1.6	14	0	129.1			

VALORES	DIARIOS																															SUMA	
ANIO	DIA	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
1997	1	12.5	13.6	5.5	6	4.9	7.2	0	0	0	1.3	0	1.5	0	6.6	11.2	2	5	0	33	20.4	21.5	10.9	1.3	1.9	27.7	12.9	2.9	12.2	44.4	30	21.7	318.1
1997	2	31.2	2.8	8.9	5.1	9.8	16	28.1	4.4	0	5.5	6	10	4.1	14.9	9.4	10.4	59	8.9	0	0	10	0	5.5	0	6	3.8	2	0	261.8			
1997	3	10.9	4.5	1.8	19.7	9.2	0	6	10.5	15.3	0	7.7	15.5	0	16	40.2	25.3	23.2	15.6	11.6	0	0	0	0	8.3	5.4	1.8	0.3	0	0	30	12	290.8
1997	4	8.5	15.5	11.9	1.5	0	17.3	2	15.9	4.1	20.5	8.4	17.3	8.8	13.9	13	4.6	0	12.5	7.3	20.5	20.4	0.6	20.5	2.3	0	20	6.1	37.5	1.2	0.7	312.8	
1997	5	2.4	7.1	2.7	2.7	9.8	4.1	0	1.1	7.6	2	0.6	36.2	4.5	4.4	1.8	0	4.1	0.5	12.6	2.6	16.5	6.3	2	2.1	5.2	0	3	35	11.3	11.3	0	199.5
1997	6	15.1	1.5	40.4	0.6	0	0	1.9	0	0	16.9	0	0.6	1.3	1.8	19.6	4.6	3.1	10.6	5.4	12.8	0.3	0	16.9	24.4	0	6.5	13.3	19.1	2.6	0	219.3	
1997	7	3	0	0	0	0	13.4	3.4	5.1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	35.7	4.4	1.5	0	67.5
1997	8	0	0	0	0	0	0	2	0	1.1	0	7.5	0	10	0	0	0	0	0	0	0.1	2.6	0	0.5	0	1.6	0	0	0	0	0.5	2.1	28
1997	9	14.2	7	2.2	2	26.1	1.3	1.7	2.2	9	11.7	0.4	4.4	30.3	9.2	7	8.7	0	0	0	9.3	59.7	49.7	11.7	0	0	0	2.6	1.6	0	2	274	
1997	10	0	16.4	8	0.3	25.7	0	15.1	15.5	5.2	4.3	0	0	0	0	0	15.4	0.6	0	21	29	33	4.3	53.2	14	12.1	23.4	37	2.9	0	9.4	345.8	
1997	11	4.7	9.8	14.5	49.4	0	15.4	36	27.1	9.9	45.5	6.2	8	33.5	5.7	0	43.7	2	9.5	0	0	9.5	1.1	45.5	40	20.5	6.5	6.7	2.6	25	10.9	489.2	
1997	12	32.6	0	0	0	0.6	0	13.7	26.2	1.6	1	28	3.2	6.2	11.4	3.6	23.3	5.8	28.7	8.5	6.9	1.2	0.6	1	2.6	1.2	1.3	3.2	9.8	1.1	9.1	14.9	247.3
1998	1	2.6	0	0	0.3	9.4	26.8	31.2	3.9	0	4.8	11.8	40	5	2.6	5.5	25.6	18	8.5	15.5	7.2	2.6	3.4	4.8	8.3	3.2	0	8.7	1.8	4.3	0	3.9	259.7
1998	2	1.4	0	11.1	0.6	0	50	0	30	26.8	11.9	9.9	0	24.2	12.5	0	0	32.9	15.8	17.7	14.1	31.7	32.4	11.9	4.8	2.2	17.2	39.5	3.2	401.8			
1998	3	30.1	0.6	9.6	22.3	21.8	6.1	1.3	2.6	10.7	0.7	3.1	3.5	12.2	5.6	23.4	0	45.5	10.2	0	5.2	30.1	40.7	0.7	3.6	10.1	9.4	22.3	30.6	51.4	0	10	423.4
1998	4	20.1	30.6	0	2	23	15.9	1.5	0	28	30.1	5	11.6	0	35.6	6.2	1.1	9.1	14.4	12	6.4	2	9	30.1	12.2	16.6	28.5	4	12.9	10	41.1	419	
1998	6	37	0.8	0	0	0	3.2	18.1	6.6	2.1	0	5	2	0	2	0	0	0	13	0	6.5	27.1	1.4	0	0	2.8	2.1	3.6	0	0	1.7	135	
1998	7	0	5	0	6.3	0.4	0	4.5	12	4.5	2.6	3.1	2.1	4.6	0	8	4.5	5	0	0	0.2	2.7	2.8	2.6	13.1	0	0	2.6	0	0	0	0	86.6
1998	8	11.4	2.1	1.5	0	1.2	1.2	13.5	8.9	2.4	0.5	2.4	0	1.2	0	0	0.1	0.2	0.9	9	0	1	0	0.5	0.1	1.4	0	0	0	0	0	0	59.5
1998	9	0	0	1.4	0	4.1	0.6	2.8	1.2	1	2.1	7.3	22.5	0.3	0	0.4	0.3	0	0	2.1	6.1	4	2.9	2.1	0	0	0	6.1	6.3	0.6	0	74.2	
1998	10	0.8	0	0	0.8	1.5	2.2	2.4	0	0	1.1	0	0	0	0	0	0	1.2	2.1	0	0	0	0	0	0	5.8	1.3	0	0	0.5	0	0	19.7
1998	11	2.3	4.6	0.4	2.2	0	40.4	4.9	21.2	5.5	0	0	5.2	1.6	2.4	1.9	2.7	9.8	0	1.1	0	0	0	0	0.3	1.3	0	0	0	0	0	107.8	
1998	12	0	0	0	0	0	0	0	0	0	0.3	0	0.3	1.2	1.5	4.9	2.2	2.4	1.6	6.4	0	0	0	0	13.2	0	1.2	0	3.1	3	6.6	3.6	51.5
1999	1	9.5	6.9	2.2	25	2.1	1.8	1.4	2.7	0	8.5	3.3	12.1	12.7	1.5	0	0.9	0	16.8	27.7	2.3	6.9	11.9	5.9	5.4	8	17.1	13.3	2	2.3	4	6.4	220.6
1999	2	12.7	9.9	9.5	35.7	0	17.1	7.7	1.7	15.2	7	3.2	22.3	21.9	27.3	50.4	11.3	26.2	3	2.6	0.7	44.3	0	21.3	15	11.7	30.1	47.2	0	455			
1999	3	0	3	0	24.2	6.5	1.2	79	6.2	1.2	30	0	37.9	6.8	0.5	75.2	0	32.1	0	25.9	3.2	18	11.4	5.5	1.3	11.5	13.6	5.6	3.4	3.9	42.4	0.2	449.7
1999	4	6.7	15	34.4	18.6	23.6	2.6	16.6	20.9	21.4	19	3.6	6	14.7	12.9	0.7	3	6.3	0	14.8	0	14.7	14.6	13.6	22.4	21.9	26.4	9.4	1.8	16.4	1.1	383.1	
1999	5	21.1	8.6	0.7	1.4	7.3	26.6	0.7	2.2	4.2	4.1	20	8.2	0	3.6	26.3	1.6	3.9	3.7	3.3	1	1.3	0	1.3	1.5	11.8	0.4	2.3	11.3	4.3	0	0.2	182.9
1999	6	0	1.9	7.8	0.6	0.9	3.5	3.6	6.9	6	0	0	21.4	2.2	12.8	5.7	1.9	1.4	0	0.7	0.8	3.3	10	11	4.2	0.4	0	6.4	0.7	1.7	6.9	122.7	
1999	7	2.1	25.5	2.2	2.4	4.2	2.7	0	0	0	0	0	0	0	0	0	0	0	0.1	0	0	1	0	0	0	0	0	0	5	0	0	0	45.2
1999	8	0	3	0.1	0	0	0.3	1.4	0.8	0	0	0	0	0.9	0	0	0	0	0	0	0.2	0	0.1	0	0	0	0	0.5	1.3	0.6	1.1	1.1	11.4
1999	9	0.6	0	0	0	0.7	0	0.6	9.6	6.2	1.5	0.8	10	0.6	7.4	0	3	0.8	0	1.3	21.4	1.1	5.8	23.6	7	0	8.7	5.4	1.1	0.4	3.3	120.9	
1999	10	0	5.5	0	3.1	15	2.5	0	0.8	0	1.1	0.7	2.1	5.5	0	7.6	2.2	0	0	2.9	0.3	0	1.3	1.2	11.1	4.9	0	0	0	0	0	0	67.8
1999	11	0	0	0.7	1.8	3.1	6.2	0	0	0.5	0	0	0	1.2	2.2	0.9	0	0.5	4.5	10.4	6.2	0	0	1.8	0	2.1	1.1	5.4	6.2	22	10	86.8	
1999	12	30	7	2.8	5.7	0.4	0	1.3	1.8	1.3	6.9	3.6	4.6	4.9	3.5	5.1	9.4	3.6	1.1	3.3	3.3	12	15.3	25.5	15.3	13.4	10.1	3.6	0	5	21.2	8.2	229.2
2000	1	2.4	0.3	2.1	3.2	1.1	2.6	0	1.2	2.1	2.3	5.2	0	0.1	10.4	31.1	20.2	34.2	4.3	12.2	5	2.3	5	3.4	4.5	14.1	36.6	13.4	9.7	7.2	4.5	0	240.7
2000	2	18	17.4	3	10.4	13.3	2.1	4	0	11.6	6.5	60.2	10	9.2	15	0	8	12	4.5	5	5.1	5.3	16.8	27.4	40.1	10.9	15.3	8.3	14.4	1.4	355.2		
2000	3	34.1	8.1	14.2	7.4	15.1	15.2	22.5	4.3	3.1	10.1	70.3	39.4	8.7	3.2	5.7	0	37	35.7	1.1	2.1	0	20	30	0	0	13.4	0	10.6	15.9	39	0	466.2
2000	4	22.1	13.6	29.7	24.7	18	0	6.7	15.3	20.3	16.2	25.6	12.6	10.1	11.4	20.6	30.2	34.2	25.5	10.1	20	20.5	20	15	23.1	0	20.3	11	20.9	5.1	502.8		
2000	5	0	15.6	50	45.4	44.8	27.1	3.6	32.6	51.4	3.2	6	6.1	30.6	0	0	10	8.3	5.1	5	5.1	20.5	19.8	0	17.7	0	0	1.2	7.1	1.3	22	5.2	444.7
2000	6	12.7	9.6	0	1.2	3	0	0	6.5	0	0	0	0	0	5.1	3.8	22.4	5.3	1.4	7	15	3	13	7	0	0	1.1	0.3	0	0	0	117.4	
2000	7	0	0	0	0	1.2	0	0	5.1	2.3	0	0	0	0	0	0	3.2	0	0	0	0	0	0	0	0	0	8.8	0	0	0	0	0	20.6
2000	8	0	0	0	7.2	1.1	1	2.1	2.3	2.5	0	2	2.1	4.2	3	0	0	0	0	0	1.2	2	3.6	1.1	1.2	4.2	4.1	2.5	5.7	7.3	0	3.7	64.1
2000	9	9.5	2.7	7.7	0	6.7	0.1	0	1	3.1	0	1	2.1	0.2	0	0.7	5	1.2	6.6	0.2	3.2	19.2	0.8	7.8	2.2	8.4	3.5	14.7	1.9	0.8	2.1	112.4	
2000	10	0.9	0	0	1.9	4	0	0	0	1.2	1	0	7.2	0	1	1.2	0	0.6	1.3	0.4	6.3	0	1.2	0.2	0	0	0	0	0	0	1.7	3.1	33.2
2000	11	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1	0	0	2.6	1	0	1.2	2.3	4.1	10.5	0.6	0	5.2	9.1	4.4	5.3	46.9	
2000	12	1.8	2.5	1.4	2.7	0	3.1	0	0	0.3	0	2.6	0.5	9.2	1.2	11.9	0	0	0	0	0	0	0	1.6	6.7	8.6	13.8	24.6	2.1	0	16.7	0	111.3



VALORES	DIARIOS																																	
ANIO	DIA	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	SUMA	
2001	1	11.3	1.5	0.6	38.9	4.3	0.6	18	8.2	26.1	15.3	0.2	11.9	1.3	4.5	2.7	28.1	28	11.7	9.7	10	4.1	0.5	9.1	2.8	1.8	2	1.3	0	2.8	1.5	8.9	267.7	
2001	2	8.5	34.4	35	3.4	0.8	3.3	3.6	0.3	8.4	0	6	5.8	0.8	0	11.2	13.3	6	32.3	10.6	40.4	13.8	37.9	23.4	4.4	7	19.4	6	15.2	351.2				
2001	3	22.6	15.5	2.7	0.7	25.8	0.1	45.7	11.6	45	1.5	1.7	0.3	5.1	38.2	15.4	0.6	9.6	13.3	3.9	16.3	5	8	17	21.8	8.4	10.2	6	8	9.3	5.7	19	394	
2001	4	21.7	5.6	0	3.7	1.6	4.2	20.4	3.7	7.7	0.2	12.9	2.9	0	9.5	12.8	0	21.7	3.6	27.2	7.2	33.3	20	0.2	2.4	8.1	2.1	7.7	4	14	0	258.4		
2001	5	8.1	7	10	14.5	1.8	7.6	17.4	31.3	8	6.6	6.1	8	10	6	0.6	0	3	3.5	1.3	11.8	13.8	1.8	2.2	0	9	6.2	0	0	0	0	0	195.6	
2001	6	0	0	0.3	0.6	0.1	1	0	0.1	0	2.8	1	12.1	2.2	1.7	0	1.2	0	0	6.5	0	0	0	0	0	0	0	0.5	0	0	0	30.1		
2001	7	0	0.2	0	0	0	0	2.4	0.5	0	0	0.5	0	0	3	0	1	0	3	2.9	0	0	0	0	2.5	0.5	11.1	0.3	0	0	0	0	27.9	
2001	8	0	0	0	0	0	0.7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.7	
2001	9	0	0	1	0.9	0	0	0	0	3	0	0	4	1.8	1.2	5	1.9	0	1	1	0.5	5	4.6	3	1.8	20	6	7.4	1	3.1	0	73.2		
2001	10	0.2	0	2	4.5	0	5	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0.8	0	0	0	0	0	0	0	14.5	
2001	11	0	0	0	0	0	0	0	0	0.2	0.2	5.5	8.8	0.1	4.2	11.2	0.3	4.8	3.1	2.1	2	1.1	4.8	1.2	44.5	1.6	0	0	0	0	0.7	96.4		
2001	12	5.6	0	13.5	9.5	0	0	0.4	0.5	5.5	3.8	2.5	10	21.5	0	0.8	15	18.9	8.6	4	9.5	20	4.8	0.7	6.1	1.4	1	0.4	1.5	11	0.7	3.8	181	
2002	1	9.6	6.4	13.3	2.5	0	4	18.6	1.5	1.8	0	0	0	2.8	2.7	12	3.8	2	0	3	2	1.5	5.5	3.8	3.8	1.8	6.8	10	10.6	8	12.7	150.5		
2002	2	1.2	16	36.5	31.5	36.4	1.1	10	8.5	4.5	6.5	12.8	4	10.9	6.5	4	9.8	7.7	2.8	29	1.5	14.8	26.3	2	2.8	6.3	27	36.4	1.9	358.7				
2002	3	5.8	21.4	43.2	23.4	5.2	47.5	2.6	13.3	9	0	14.3	6.8	12.2	5.8	13.5	0	3	11.2	7.8	8	0.8	0	7.3	10	0	29	41.8	1.8	14	1.1	1.8	361.6	
2002	4	40	24.8	3.5	1.4	15.5	1	26.1	0	8.3	7.7	0	0	0	1.2	1.2	6	4.1	71.3	4.7	6.6	13.2	33.5	32.2	11.2	22	0	12.9	26.7	4.2	379.3			
2002	5	2	8	2	6.5	2.2	7.6	2.8	0	7	1.5	1.8	6.3	6.8	0	21.8	1.3	3.2	1.6	0	80.8	12.8	5.3	7.7	0	0	4	0	0	0	1.8	194.8		
2002	6	0	0	0	7	0	0	6	0	0	0.5	0	0	9	2	0	0	0	23	0	0	0	0	0	0	0	0	0	0	0	0	47.5		
2002	7	0	0	0	0	0	0	0	3.6	0	4.8	0	0	0	5.6	0	0	0	2.2	0	0	0	0	0	0	0	0	2.1	0	2.8	0	0	21.1	
2002	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11.6	0	0	0	0	0	0	0	0	5	5	0	0	0	0	21.6		
2002	9	0	1.5	0	0	0	0	0	0	0	0	1	1.2	1.7	7	0	0	0	0	4.7	5.5	0	1	0.1	2.4	0	1	7.2	4.7	2.1	41.1			
2002	10	5.5	5	5.1	4.1	8.7	6.4	0	0	0.4	0	0.3	1	1	0	2.5	2.6	3.3	4.2	7.5	21.1	12.2	5.2	9.3	3.8	0	1.1	1.2	10.3	7.4	2.1	0	131.3	
2002	11	6.2	9.1	5.2	0	4.2	0.8	1	0	1	1.2	0	0	0	1	0.3	2.2	3.4	0	0.7	0	0.4	0	1	0.4	2.1	1.1	8.7	8.3	7.7	2.4	68.4		
2002	12	1.6	2.9	5.7	8.2	7.7	57.5	25.9	12.6	1.1	0	0	0	2.3	1.2	2.1	1.1	4.1	2.4	18.3	12.7	8.6	0.6	2.8	4.4	12.5	9.5	40.5	30.4	0.9	1	278.6		
2003	1	7	0	0.3	5	7	8.6	3.4	0	13.7	1.3	0	0.6	27.3	41	41.5	0	3.6	0	0	0	2.4	8.7	0	0	0	3	1.3	2.9	1.7	4.2	12.3	196.8	
2003	2	10	3.3	1.8	0	3.6	25.5	11.6	5.8	10.9	7.7	10.4	20	5	0	10.3	7.3	8.5	21.8	22.6	10.2	2.7	3.3	1.7	5.5	19.5	3.5	6.2	0	238.7				
2003	3	4.4	0.4	5.5	6.6	6.9	8.6	3.4	0	13.2	1.3	0	0.6	27.3	41	41.5	0	3.6	0	0	0	2.4	8.7	0	0	0	3	1.3	2.9	1.7	4.2	3.6	192.1	
2003	4	5.1	8.3	9.1	4.3	4.6	0.3	1.1	25.1	16.5	11	80	13	17	27.2	1.7	13.3	10.6	23.2	6	30	30	9.6	16.4	20	5.6	10	2.3	5.4	5.2	21.4	433.3		
2003	5	8.3	11.6	13.5	15.7	14	10.8	7	12.6	11	6.1	12.9	9.2	8.1	4.6	18.9	17.6	0	10.2	0	0	0	16.5	0.1	3.6	10.9	5.4	5.2	5.6	7.3	3.4	2	252.1	
2003	6	5.1	20.3	5.6	5	5.7	8.6	2.7	0.5	1.5	4	5.5	0.3	1.7	1.1	4	1	3.1	3.8	0.5	1.1	3.7	36.8	0	0	0	11	2.2	0.5	3	138.3			
2003	7	0	0	0	9.6	4.8	0.7	0	1.2	1.3	0	3	0	0	0	2.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	23.4	
2003	8	0	0.7	1.3	0	0	1.3	0	0	2	3.5	0	0	0	0	0	0	0	0	0	2.4	0	0	0	0	0	0	0	0	0	0	0	11.2	
2003	9	0	0	0	0	0	1.6	0	0	0	0	0	1	0	0	0	0	1.5	0	0	0	1.5	0	0	0	0	0	0	1.2	3.5	13.5	23.8		
2003	10	1.5	0	0	0	3.1	6.4	2.4	0	11.5	0	0	0	0	3.5	37.5	8.8	2.4	9.6	2.5	12.6	0	0	7.3	1.3	0.2	0	0	0	0.4	0	0	111	
2003	11	0	0	0	1.9	0	1.6	1.7	0.3	0.4	0.9	7.1	0.2	0.5	0.9	3.6	1.1	1.6	2.3	0	0	0.9	1.5	0.6	1.2	7.5	1.5	5.3	12.3	11.3	0.8	67		
2003	12	0	2.5	0.3	0	0	0	0.5	0.4	9.5	1	4.9	1.7	2	0	0	1.7	0	5.5	11.5	2.5	10.5	0.3	0.5	8.5	53	42.5	7.3	4.5	2	9.2	0	182.3	
2004	1	0	0	0	2	27.9	43.4	12.3	28.4	16	11.3	4.9	5.5	1	0	0	0	0	0.7	13.8	4.8	2.3	1.1	0.6	1.8	0	1	1	8	2.3	3.2	193.3		
2004	2	2	6.2	3.2	1	8.6	7.8	3.8	5.4	0.3	1	1.5	8.8	7.5	10.8	3.5	2.9	2	37.7	8.6	0	0	6	36.1	4.6	1	0.4	0.8	4.9	10	186.4			
2004	3	44.8	2.3	5.2	2.6	29.5	41	8.5	0	10.7	1	1.7	3.3	0.8	6.6	1.7	1.2	11.7	2.4	7.5	2.3	4.4	0	14.2	17.2	20	4	33.8	12.2	3.2	0	45.5	339.3	
2004	4	7.7	5.8	7.8	0	1.5	2.6	13	13	4.5	14.5	44.6	8.5	28.6	4.3	12.6	0.3	0	0	0	55	3.4	1.4	5.7	0	13.7	3.4	6.7	4.1	7.9	16	286.6		
2004	5	0	2	30.8	18.5	2.2	0.7	2.2	18.2	2.6	2.3	0.3	0.4	6.7	1.1	6	2.5	32.3	49.4	2.4	1.7	15	4.7	0	10	11.8	1.1	8	16.8	0	2.8	2.1	254.6	
2004	6	2.3	2.1	8	8.6	6.4	0	2.1	5.7	3.3	3.9	0	0	8.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	51	
2004	7	0	0	0	0	0	1	1.5	0	1	0	0	0	0	0	0	0	0	0	1.3	0.9	1.2	0	7	0.5	0	0	0	0	1.1	1	0	16.5	
2004	8	0	0.2	0	6.5	5.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	0	1.5	0.8	2	0	0	0	0	1.2	0	27.4	
2004	9	0	0.5	3.7	2.3	0	3.7	11	8	11.7	2.6	0	3.1	0.6	0.1	0	5.5	4.5	0	12	4.1	6.1	8.5	5.6	7.6	7.6	5.5	0	2.8	1.7	2.7	121.5		
2004	10	1.3	0	0.4	0.8	6.6	0	0	0	22.5	6.4	2.8	0	0	0	0	0	0	0	7.2	2.4	0	0	0	2	6	1.1	0	5	0	0	0	64.5	
2004	11	3	0	3.5	0	0	1.2	0.3	2.2	0.2	2.5	0	3.3	0	0	0	0	0	0	0	0	14.2	0.8	1	2.2	16	1.2	10	0	0	0.3	1.5	63.4	
2004	12	10.7	14.5	0	3.5	5.2	7.4	17.7	24.4	0	0	13.7	0	0.2	12.1	34	5.7	3.2	0	0.3	5.3	4.1	0	0	0	0	0	0.7	0	0	0	0	162.7	

VALORES	DIARIOS																																	
ANIO	DIA	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	SUMA	
2005	2	12.8	11.9	6.4	0	4.5	8.6	15.4	3.5	5	61	17.8	22.2	43.7	12.1	34	16.2	1.3	9	8.7	2.7	0	8	2.1	2.7	17.4	4.5	6	0	337.5				
2005	3	1.5	1.3	4.5	3.6	13	22.6	10.3	16.3	5	2.6	4.1	4.5	6.9	29	59	0	18.3	11.9	0.9	2	1.2	6.1	0.5	11.1	6.7	25.3	9	10.7	3	25.1	19.9	335.9	
2005	4	0.5	7.4	5	5.5	6.4	19.7	10.9	0.2	6.3	8.2	9.7	7	2.1	2.4	2.5	20.8	57.7	2	8.5	22.1	0.3	0	9.4	11	2	0.4	3.6	36.5	16.2	0.6	284.9		
2005	5	3.5	12.9	0	10.6	4.5	3.9	11.6	1.9	0.2	0	0.7	0	0	1.4	9	0	0	0	0	0	0	0	0	0	0	0.3	0	0	0	3.5	0.4	64.4	
2005	6	4.4	0.9	0	0.7	1.1	5.5	2.2	1.4	0	0	0	0	0.3	1.3	2.6	0	0	0	0	0	0.2	0	0	0	0	0	0	0	0.1	0	20.7		
2005	7	0	0	0	0.2	0	0	0	0	0	0	0	0	0	0	0	0	0.2	3.1	3	0	0	0	0	0.5	0	0	0.2	0	0	0	0	7.2	
2005	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0.3	0	0	0.6	3	0.2	0.1	0	1.9	0	0	0.1	0	0	0.5	0	4.1	0	10.8	
2005	9	6.2	0	1.3	0	0	0	0	0.1	0	0	4.9	0	2.4	4.7	1.6	0	1.4	0.2	2.2	0	0	1.9	0.2	0.1	0.2	0	0	0.3	4.4	0	32.1		
2005	10	0.5	4.3	4.1	1.1	1.1	5.1	2.7	0.4	22.2	0	4.4	0.5	0	0	0	0	0	0	0	0.2	0	0	0	0	0	0	0	0	0.5	0	0	0	47.1
2005	11	1.8	0.8	0.3	0	0	2.1	10	0.5	0	4.6	2.2	2	0	9	0.4	1	1.1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	35.8	
2005	12	4.3	0.9	0.4	1.3	0	0.7	0	0.7	1.3	1.9	0.1	3.1	4.2	4.5	3.5	0	0	0	0.4	0.4	2.9	4.5	11.3	15	34.7	10.9	0.2	6.8	4.4	118.4			
2006	1	23	3.9	3.6	8.2	2.9	0.1	0	14.9	0.4	7.5	0	0	8.5	1.7	10.3	2.7	7.1	8.5	12.8	6.1	25.4	2.4	5.5	0.8	1.7	4.5	18.8	22.7	20.7	9.6	12.5	246.8	
2006	2	0	9.8	27	51.4	62	6.1	56.6	40	14.7	5	25.8	18.7	20.4	14.6	1	5.2	32.2	10.3	14.2	30.8	1.7	29.9	2	1.9	12.5	32.8	24.3	0.2	551.1				
2006	3	11.6	0.6	8.4	6	7.2	25.3	2.9	12.5	4.5	3	12.6	35.5	23	32.1	11.5	15.7	0	5.7	0	3.4	6.3	23.1	3.8	14.8	0.4	12.2	3	1.1	8.6	1.3	5.4	301.5	
2006	4	1.4	20.3	55.6	20.6	3.7	22.6	2.2	0.8	23.9	0	1.5	4.7	1.5	0.1	1	27.8	1.7	1.6	0	4.9	3.8	2.1	5.9	31.6	18	4.6	4.9	9.1	21.7	8.3	305.9		
2006	5	9.8	26.8	13.9	39.2	19	7.1	17.3	6.6	0	1.2	0	0	0	0	1.1	0	1.8	0	0.4	0	0.6	0.2	0	4.7	0.4	2.4	0	0	1.9	1.5	0	155.9	
2006	6	3	0	0	0.8	10.1	3	20.1	32.8	9.2	0.6	0.3	5.2	2	1.1	0.5	0	0	0	1.5	5.2	1.3	0	0	0	0	0	0	0	0	0	0	96.7	
2006	7	0	0	0.1	0	0	0	0	0	0	0	0	0.1	0	0	0	0	0	0	0.3	0.1	0	0	0.8	0	0.1	1.9	3.6	0	3.1	0	0	10.1	
2006	8	0	1.7	0	0	0	0.2	0	0	1.7	0	0	0	0	0.2	3.4	0.8	0	6	1	0.9	0.6	1.1	0	5.8	9.1	12.1	4.7	4.9	4.4	0	0.4	59	
2006	9	0	3	0.3	1.5	0	0.2	0	1	2.2	4.2	2.5	0.3	6.8	1.5	1	5.4	0.5	0.1	0	12.1	20.5	0.5	0	0	0	0	0	0	0.1	0	63.7		
2006	10	3.9	0.2	0.3	0	0.7	0	0	3.7	7.1	5.2	0.2	4.3	5	4.6	0.2	0	0	0	0	0	0	0	0	0.2	0	2.3	3.2	0	1.4	0.1	0	42.6	
2006	11	0	0	0	0.9	0	5.7	12.2	0.1	0.8	9.5	4.6	1	2.1	6.1	0	0	0	0	0	1.6	18.9	56.5	8.1	24.8	7.5	8.1	21.3	15.9	0	6	211.7		
2006	12	2.7	6.6	1	2.8	1.7	6.9	3.1	1.2	45.1	0.8	0	0	0.7	0	0	0	0	2.1	11.3	31.4	2.8	4.5	2.3	0.5	5.1	6.5	10.1	149.2					
2007	1	1.4	1.8	11.5	5.9	2.3	8.8	10	3.6	36.6	4.4	0.9	6.9	9.7	4.1	0.3	9.2	42.2	9.5	6.6	13.2	17.1	1.6	16.9	14.6	47.2	27.5	1.4	1.4	1.8	4.2	0	322.6	
2007	2	0	5.3	2.7	2	2.5	0	1.1	20.8	16.4	2.1	0.5	0.9	22.9	0.7	14.6	8.4	0	27.6	30.2	0.1	0	6.2	0.1	3.4	1.2	0.3	6	0	176				
2007	3	2.9	1.5	12.8	7.5	5.6	8.1	32.7	8	35.2	0.8	14.2	13.9	45.1	7	2.8	8.8	9.5	2.4	3.5	21.3	1	28.2	21.1	0.3	13.9	15.6	11.7	9.1	2.7	5.3	11.4	363.9	
2007	4	1.3	8	0	11.6	2.4	0.2	7.6	16.2	7.4	0.2	0.6	9.5	3.8	2	13.4	4.2	5.6	41.5	17.2	9.8	8.6	12	1.6	6.5	5.3	6	1.7	2.7	2.4	37.4		246.7	
2007	5	11.4	9.9	1.1	13.4	17.6	9.9	0.6	0.5	8.7	4.2	9.5	1.3	2.3	0.6	0	19.2	7.3	0.4	2.7	10	8.4	8.1	1	2.5	5.3	1.7	10.5	15	10	3.3	4.4	200.8	
2007	6	3.4	1.5	0.1	2.9	0.2	13.5	2.5	8.1	0	0	0.1	0	11.2	1.9	0.5	0.2	0.6	0.3	0.8	3.2	7.5	0.8	2.4	3.1	0.4	0	0.2	0.7	66.1				
2007	7	0.2	0.1	0.1	0.1	0.2	0	0	1	2	0.4	0.5	2.7	0	0	4.2	9.2	2	0	2.4	2.2	3.1	0	2.3	0.4	12.6	0.1	0.5	1.1	0	0	47.5		
2007	8	0.2	0.5	0	0	0	0.1	19	0.8	1.5	0.6	0	2.5	0.1	0	14.2	0.4	0	0	0.2	0.1	1.3	0	0	1.2	0	0.1	0.2	1.6	6.1	0	0.5	51.2	
2007	9	0	0.1	0.7	0	0	0.1	0	5.7	1.7	0	0	1.9	0.6	3.5	0.8	1.1	3.8	1.1	0.6	1.9	1.8	0	6.3	4.9	3.1	6.5	4.5	1.2	0	1.5	53.4		
2007	10	0	2.1	0	0.9	3.9	8.2	4.1	5.1	1	1	0.5	1.2	0.5	0	0	0.2	0.6	0.1	0.8	0.2	0.2	0.6	0.1	0.1	0.1	0.2	0.2	0.1	1.9	0.2	0.2	34.3	
2007	11	1.2	0.3	0.1	0	1.2	3.7	4.6	3.2	20.1	29.1	0.9	0.2	0.6	0.1	4.5	2	0.5	2	1.3	9.1	3	3.1	1.3	16.2	0.9	0.8	1.5	0.3	3.8	4.3	119.9		
2007	12	1.8	0	0	0	0	0	0	1.6	1.4	3.2	2.5	4.8	2.2	3.7	6.8	2.7	0	2.4	8.2	0.8	2.3	0.4	3.3	0.5	1	19.7	1.5	0.8	11	7.8	12.2	102.6	

VALORES	DIARIOS																																	
ANIO	DIA	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	SUMA	
2008	1	11.7	31.3	8.3	8	21.5	15.1	16	29.4	23.1	10.8	6.8	14.3	9.4	13	37.7	14.8	3.6	2.1	6.3	7.3	4.1	6.5	39.2	23.8	25.5	9.7	27.5	12.8	16.9	10.1	8.5	475.1	
2008	2	3	6.3	4.5	4.9	1.5	7.9	6.7	3.2	20	10.7	6.3	15.1	18	50.2	33.9	16.9	40.5	9.8	23.8	14	11.4	2.5	26.9	9.2	4.8	2.8	5.3	0.9	12.5	373.5			
2008	3	49	14.5	46.9	23	16.8	64.8	1.9	4.7	5.1	10.3	8.2	0	9.7	2.8	8	4.3	26.5	7.7	30.8	8.2	10.8	1.6	3	8.3	2.2	3.4	20.8	9.9	5	33.6	4.7	446.5	
2008	4	20.8	20.3	4.1	3.9	0	18.5	3.2	13.9	8	2.5	8.5	28.9	0.9	3.1	0	6.2	1.6	2.7	14.2	16.3	15.7	6	17.8	10.4	11.4	16.4	16.8	2.8	11	20.1	306		
2008	5	8.9	0	10	0.6	0.7	0.3	2.3	3	0.4	3.1	0	9.2	1.1	35	5.4	5.1	5	31.7	13.6	9.4	15.4	9.8	9.5	21.6	15.2	0.6	9.4	16.9	0.7	1.5	1.1	246.5	
2008	6	0	0	0	4.4	0.7	0.3	2.5	8	7.3	4.6	0	0	0.6	1.2	4.6	0.7	14.6	3.4	3.9	5.1	6.4	0.6	3.2	0.4	1.7	0	0	0.3	0	1	75.5		
2008	7	0	8.2	1.7	4.8	0.1	1.1	0.3	4.1	4.1	1.4	3.8	0	7.3	10.7	20.8	0	3.1	3	1.2	1.5	1.8	0	0.3	0.2	1.4	0.8	0.1	2	0.2	0.2	0	84.2	
2008	8	0.8	2.3	0.4	3.2	0.4	1	0.8	0	2.2	2.2	2.4	1	0.8	2.8	4.9	6.6	3.5	1.9	7.1	0	10.6	19.5	0	0.7	14.8	0.2	1.2	45	0.5	0.8	0.6	138.2	
2008	9	0.5	0.6	0.2	2.5	2.6	0.5	1.5	0.2	1.7	0	0	0.1	0.1	1.5	1.7	3.5	0	1.4	0.1	11.2	8.9	0	6.6	0.1	8.3	0.9	9.8	21.4	2	3.3	91.2		
2008	10	1.4	0.6	1.3	1.5	0	0	4.8	10	8.2	7.8	2	0.8	1.1	0.4	0	0	0	2.2	0.4	2.2	1.2	0.5	0.1	5.9	1.1	0.4	35.6	35.3	14.2	6.1	3.4	148.5	
2008	11	1.4	0.1	0	0	0.1	1.1	0.5	0.3	1.5	2.5	0.2	16.8	1.8	1.6	0	0.3	0	0	0	0	0	0	0	0	7.1	0	0	0	0.2	0	0.2	35.7	
2008	12	0.2	0.3	0.2	0	1	14.9	8.6	2.7	1.3	2.4	46.1	1.1	0.5	39.4	1	7.7	8.9	2	0.1	25.8	19.4	13.2	4.5	0.2	1.2	0.1	0	0.3	0.3	0	0.5	203.9	
2009	1	5.1	3.3	13.6	9.5	3.7	2.9	5.4	5.8	22.3	10.8	23.1	16.1	12.7	56.4	54.6	51	1.8	5.1	4.9	26.2	16.5	12.8	35.8	0	9.9	4.3	28	51.1	21.5	9.7	10.5	534.4	
2009	2	6.9	19.1	1.8	8.2	3	14.1	0	0	15.2	15.4	7.1	20	38.5	45.4	36.3	30.2	10.9	1.5	27.2	21.9	22.7	15.3	6.3	10.4	19.9	2	10.1	34.7	444.1				
2009	3	1.1	29.4	18.1	7.7	7.7	2.9	5.7	4.3	0.6	3.9	2.6	14.9	26.9	29.6	0.7	4.2	3	14.6	5.1	12	14.1	10.1	11.6	25.3	20.8	18	2.4	38.3	2.2	0	5.7	343.5	
2009	4	0	0	0	0	0	0	0	0	0	19.3	0	0	6.2	1.8	1.1	4.2	6.8	4.7	10.9	19.1	31	7.6	0	2.7	9.5	9.8	7.6	14.1	9.6	8	174		
2009	5	23.3	24.2	14	2.9	1.3	0	0	0	0	6.1	49.4	1.5	0	0.2	0	0	0.3	3.6	0.5	4	2.6	7.8	8	11.4	0	0	0.6	0	0	3.4	165.1		
2009	6	0	2.2	5.6	1.1	0	1.4	0	0	0	7.6	3.6	8.2	7.7	4	2.8	0	5.7	0	4.6	0	3.8	0	0	0	1.5	0.3	1	0.6	1.1	0	62.8		
2009	7	0	0	0	0	0	0	1.9	0	1.8	0	0	0	1.2	0.9	0	1.3	0	0	1.8	0.2	2.4	0	0	0	0	1.5	0	0	0	0	0	13	
2009	8	0.1	0.1	0	0	1.5	0.7	0	0	0	0	0	1.6	0.9	1.4	1.2	0	1.1	0.5	4	1.5	1.2	0.1	7.9	1.2	0.2	0.1	0	4.7	3.9	1.6	2.8	38.3	
2009	9	0	0	1.6	0	0	0	0	0	0.2	0	0	0	0.7	1.8	0	0.1	0	0	0	0.1	3.6	0	0	0	0	0	0	5	0	0	13.1		
2009	10	14.9	0	0	0	0	0	32	3.7	2.1	10.5	26.4	0	0.2	3.2	14.6	1	0	0	0	0	0	0	0.5	0	0	0	0	0	0	109.1			
2009	11	0	0	0	0	0	0	0	0	0	1.3	0.2	0	0	5.7	0	0.9	0.1	1.3	1.3	2.5	12.3	2.3	3.6	2.4	2.5	2.3	1	0	6.2	45.9			
2009	12	2	4.7	4.3	2.3	11.5	2.4	0	0.2	14.3	1.8	0.3	0.9	3.5	4.3	2.1	45.9	15.4	8.8	6.3	57	7	4.6	0.4	0	33.4	67.2	13.8	0	2.1	0.9	0.2	317.6	
2010	4	5.8	19.7	25.3	6.2	16.8	16.8	0	8.7	8.6	16.7	7.2	28.4	0	4.5	5.3	11	1.4	23.3	39.2	16.8	0	2.5	10.5	14.7	8.4	11.3	0	45.1	2.8	17.1	374.1		
2010	5	24.3	19	20.4	7.8	4.3	4.2	16.5	7.1	0.5	0.6	8.4	0.6	3.2	0.9	0	0	3.4	2.8	0.6	3.7	0.6	0	0	1.9	0	0	0.9	1.3	0.7	0.6	2.3	136.6	
2010	6	0.4	0	0	1.9	0.2	3.2	4.4	6.9	3.4	0	0	0	0	0.8	0.3	0	10.3	6.1	1.8	0.3	1.5	3	0	0.5	0.3	2.2	0	1.6	0	49.1			

## TABLAS DE TEMPERATURA MEDIA MENSUAL

INSTITUTO NACIONAL DE METEOROLOGÍA E HIDROLOGÍA  
 UNIDAD ATENCIÓN AL USUARIO

TEMPERATURA MEDIA MENSUAL (GC)

S E R I E S M E N S U A L E S D

NOMBRE: PUERTO ILA CODIGO: M026

PERIODO: 1990 - 2010 LATITUD: 0 28 34 S LONGITUD: 79 20 20 W ELEVACION: 319

AÑOS	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC	SUMA	MEDIA
1990	24.8	25	25.5	25.2	24.8	24.2	23.6	23.2	23.8	23.2	23.9	24		24.3
1991	25	25.3	25.7	25.7	25.5	24	23.4	23.1	23.4	23.8	24.3	24.5	293.7	24.5
1992	24.7	25.1	25.8	25.8	25.5	24.6	23.2	23.3	23.1	23.6	23.3	24	292	24.3
1993	24.5	24.5	25.4	25.7	25.5	24.7	23.8	23.3	23.6	23.5	23.4	24.2	292.1	24.3
1994	24.1	24.4	24.6	24.9	24.7	23.5	22.6	22.6	24.1	23.9	23.7	24.5	287.6	24.0
1995	24.8	25	25.5	25.3	24.9	24.4	23.4	23	23.8	23.6	23.4	24.5	291.6	24.3
1996	24.2	24.8	25.4	24.9	24.5	22.8	22.7	23	23.8	23.7	23.5	24.3	287.6	24.0
1997	24.2	25.1	25.7	25.5	25.7	25.6	25.6	25.3	25.5	25.6	25.6	26.1	305.5	25.5
1998	26.5	26.7	26.7	26.8	26.6	25.7	24.7	24.1	24	23.5	23.8	23.6	302.7	25.2
1999	24.4	24.5	25.2	25.1	25	23.3	22.8	22.9	23.2	23.4	23.6	23.7	287.1	23.9
2000	23.9	24.4	24.9	25.3	24.4	23.5	22.9	23.1	23.2	23.7	23.7	24.2	287.2	23.9
2001	24.4	25.1	25.7	25.6	24.4	23	22.9	23.2	23.9	23.9	24.2	24.4	290.7	24.2
2002	24.4	24.9	25.7	25.6	25.6	24.3	23.6	23.6	24.5	24	24.1	24.8	295.1	24.6
2003	25.1	25.3	26.1	25.7	25.5	24.2	23.5	23.7	23.6	24	24.2	24.5	295.4	24.6
2004	25.6	25.5	25.8	25.6	24.9	23.6	23	23.9	23.9	24.2	24.1	25	295.1	24.6
2005	25.2	24.8	25.6	25.9	25	24.1	23.4	23.5	23.9	23.1	23.6	24.3	292.4	24.4
2006	24.8	25.2	25.8	25.6	24.6	23.6	23.2	23.6	23.9	24.4	24.3	24.7	293.7	24.5
2007	25.2	25.3	25.4	25.6	24.8	24.1	23.5	22.9	23.8	23.3	23.8	23.8	291.5	24.3
2008	23.7	24.8	25.5	25.8	25	24	23.9	23.9	23.7	23.4	23.7	24.3	291.7	24.3
2009	24.7	24.7	25.5	25.5	25.2	24.3	24	24	24.5	24.4	24.8	25.1		24.7
2010	25.3	25.5	25.5	26.1	25.7	24	23.4	23.4	23.8	23.8	23.9	24.4		24.6
24.7														
media	24.7	25	25.5	25.5	25.1	24	23.4	23.4	23.8	23.8	23.9	24.4	293.1	
minima	23.7	24.4	24.6	24.9	24.4	22.8	22.6	22.6	23.1	23.1	23.3	23.6	22.6	
maxima	26.5	26.7	26.7	26.8	26.6	25.7	25.6	25.3	25.5	25.6	25.6	26.1	26.8	

INSTITUTO NACIONAL DE METEOROLOGÍA E HIDROLOGÍA  
 UNIDAD ATENCIÓN AL USUARIO

TEMPERATURA MEDIA MENSUAL (GC)

S E R I E S M E N S U A L E S D

NOMBRE: LAS PAMPAS CODIGO: M362

PERIODO: 1960 - 2010 LATITUD: 0 25 32 S LONGITUD: 78 57 54 W ELEVACION: 1583

AÑOS	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC	SUMA	MEDIA
2005	17.6	17.7	18.4	18.8	18.7	17.8	18.2	18.3	18.2	18.1	18.2	17.4		
2006	17.4	17.9	18.4	18.5	18.4	18	18	18	18.1	18.2	18.3	17.8	217	18
2007	18.2	18.1	18.3	18.4	18.3	17.9	17.6	17.6	17.6	17.4	17.6	17.2	214.2	17.8
2008	17.1	17.2	17.6	17.8	18.1	18	17.6	17.7	17.9	17.9	17.8	17.5	212.2	17.6
2009	17.8	17.8	18	18.1	18.3	18.1	18.3	18.1	18.4	18.4	18.2	17.9	217.4	18.1
2010	17.6	17.7	18.4	18.7	18.6	18.2	18.2	17.9	18.0	18.0	18.0	17.5		
media	17.6	17.7	18	18.3	18.4	18	17.9	17.9	18	18	18	17.5	215.7	17.9
minima	17.1	17.2	17.6	17.8	18.1	17.8	17.6	17.6	17.6	17.4	17.6	17.2	17.1	
maxima	18.2	18.1	18.4	18.8	18.7	18.2	18.3	18.3	18.4	18.4	18.3	17.9	18.8	

## TABLAS DE CAUDALES MEDIOS DIARIOS (m<sup>3</sup>/s)

INSTITUTO NACIONAL DE METEOROLOGÍA E HIDROLOGÍA  
 DIRECCION DE INFORMATICA CAUDALES MEDIOS DIARIOS (m3/s)

S E R I E S D E D A T O S H I D R O L O G I C O S

NOMBRE: TOACHI AJ BABA CODIGO: H414  
 PERIODO: 1960 - 2010 LATITUD: 0 40 27 S LONGITUD: 79 21 6 W ELEVACION: 151

VALORES DIARIOS																																		
ANIO	DIA	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	SUMA	
2002	12		14	20	17	17	23.7	27.4	23.7	27.4	23.7	20	23.7	20	20	20	23.7	27.4	27.4	27.4	20	41.9	31.9	27.4	27.4	36.4	23.7	36.4	27.4	27.4	31.9	31.9	31.9	800.3
2003	1	47.3	47.3	60.1	53.7	60.1	60.1	53.7	134.1	123	135.5	159.1	173.1	173.1	149.5	134.1	123	123	134.1	159.1	146.6	159.1	187.1	159.1	146.6	173.1	187.1	187.1	159.1	111.9	111.9	159.1	3992.0	
2003	2	159.1	159.1	160.6	187.1	187.1	187.1	187.1	187.1	159.1	159.1	173.1	187.1	187.1	160.6	134.1	134.1	134.1	134.1	123	111.9	159.1	159.1	134.1	134.1	111.9	111.9	111.9	146.6					
2003	3	187.1	187.1	159.1	159.1	159.1	159.1	187.1	202.6	218.1	187.1	187.1	159.1	159.1	134.1	134.1	134.1	134.1	134.1	134.1	159.1	159.1	134.1	134.1	111.9	123	113.2	159.1	159.1	187.1	202.6	218.1	5008.2	
2003	4	218.1	218.1	202.6	187.1	173.1	173.1	159.1	159.1	146.6	134.1	134.1	146.6	159.1	159.1	159.1	159.1	159.1	146.6	159.1	187.1	187.1	159.1	146.6	134.1	134.1	159.1	159.1	173.1	187.1	159.1			
2003	5	134.1	134.1	111.9	111.9	92.2	83.6	75	92.2	75	75	60.1	60.1	47.3	47.3	60.1	60.1	47.3	47.3	60.1	60.1	47.3	47.3	36.4	36.4	47.3	47.3	36.4	41.9	36.4	36.4	1985.8		
2003	6	27.4	36.4	36.4	36.4	31.9	27.4	27.4	27.4	20	20	20	17	17	14.7	11.7	14	17	14	11.7	14	14	14	14	14	14	14	14	14	14	14			
2003	7	23.7	20	14	20.7	17	14	14	14	14	14	14	14	14	11.7	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	375.8		
2003	8	9.4	9.4	9.4	9.4	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	198.5		
2003	9	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4			
2003	10	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	11.7	4.7	3.4	3.4	3.4	3.4	3.4	7.6	5.9	5.9	5.9	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	128.2	
2003	11	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4			
2003	12	5.9	5.9	5.9	4.7	3.4	3.4	3.4	3.4	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.5	4.9	10	11.9	9.8	8.4	8	7.8	16.8	37.3	23.7	17	14	9.4	262.8		
2004	1	14	14	14	23.7	9.4	14	23.7	25.2	76.2	41.9	36.4	32.7	29.1	28.2	24.4	24.4	24	23.7	20	14.6	14.6	15.1	14.6	14.3	14.8	14.6	9.4	9.8	14	14	10.2	660.4	
2004	2	10.2	14	14.8	14.8	15.4	15.4	16.9	14.8	14.8	14.8	14.8	62.9	47.3	47.3	37.9	36.4	36.9	37.4	74.6	47.3	62	84.5	103.1	146.5	68.2	61.5	55.6	48.5	47.3				
2004	3	61.7	75	60.1	64	79.6	53.7	79.4	95.1	82.9	80.2	47.3	37.4	36.4	27.4	55.6	47.9	36.4	27.4	29.1	29.1	33.3	42.9	48.5	54.9	69.9	91.9	191.1	224.6	160.4	134.1	136.5	2295.1	
2004	4	137.7	147.8	160.6	134.1	136.5	218.1	210.2	159.1	147.8	138.9	135.3	111.9	160.6	116.1	106	137.6	111.9	113	112.9	202.6	161.8	125.1	115	115	149	127.5	115.5	87.1	69.2	76.6			
2004	5	75	76.6	60.1	60.1	75.8	76.6	60.1	36.4	36.9	27.4	27.4	37.4	47.3	27.4	29.1	29.1	123	121.8	95.1	53.7	60.8	75	47.9	36.4	36.4	36.9	28.6	29.1	29.1	29.1	1616.1		
2004	6	28.2	29.1	62	42.9	37.4	29.1	29.1	29.1	29.1	28.2	28.2	27.8	27.4	20	15.1	14	14	14	10.2	10.2	9.8	9.8	10.2	10.2	10.2	10.2	9.8	9.8	9.8	9.8			
2004	7	9.8	9.8	10	10	9.4	9.4	9.4	9.4	9.4	6.5	6.5	6.5	6.4	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.7	6.2	5.9	5.9	6.2	6.2	6.2	6.2	6.2	6.2	228.4		
2004	8	6.2	6.2	6.2	6.2	6.2	6.2	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	3.6	3.6	3.6	3.6	3.6	3.8	3.8	3.8	3.6	3.6		
2004	9	3.6	3.6	6.2	3.8	3.8	3.8	3.8	3.6	3.6	3.6	3.6	3.6	3.8	3.8	3.8	3.8	3.8	3.8	5.9	5.9	6.1	6.2	6.1	7.6	8	6.2	5.9	5.9	5.9	5.9			
2004	10	5.9	5.9	5.9	5.9	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.6	3.6	3.8	3.8	3.8	3.8	3.8	3.6	3.6	3.7	3.7	5.9	9.4	5.9	5.9	5.9	5.9	149.6		
2004	11	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	3.6	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.6	3.6	3.6	3.6	3.6	3.6	3.6	5.9	5.9	5.9	5.9	5.9	5.9	9.4	5.9		
2004	12	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	3.4	3.4	3.5	3.5	3.5	3.4	3.5	3.5	3.6	3.6	158.0	
2005	1	3.6	3.6	5.9	5.9	5.9	11.7	5.9	5.9	5.9	5.9	7.6	9.4	11.7	11.7	31.9	20	23.7	23.7	15.1	15.1	15.1	15.1	15.1	15.1	24.4	21.3	20	23.7	23.7	25.2	446.9		
2005	2	20	20	24.4	36.9	42.4	43	48.5	34.2	20	65.9	179.4	168.3	116.1	111.9	114	114	112.9	80.2	83.6	75	68.2	54.3	44.1	32.8	29.1	32.7	36.4	41.9					
2005	3	38.5	37.9	28.2	55.1	70.7	65.8	49.7	79.6	114.3	136.5	94.1	92.2	105.4	60.1	97.1	159.1	95.9	116.1	238.5	240.3	116.1	94.1	47.3	48.5	37.4	60.8	75	67.5	75	75			
2005	4	78	84.5	75	62.2	61.5	62.9	115	75.8	75	75	124	114	60.1	60.1	60.1	60.1	84.4	106.9	78.3	61.5	135.5	112.9	111.9	75	60.1	146.6	123	159.1	75				
2005	5	60.1	47.3	55	48.5	36.4	36.4	36.4	36.9	36.9	29.1	29.1	21.3	20.6	20.6	20.3	20	20	20	20	20	20	17.5	15.1	14.6	14.3	12.1	12.1	10.2	10.2	9.8	9.6	782.0	
2005	6	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	3.8	3.8	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6			
2005	7	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	2.1	2	2	2	2	2	2	2	2	2	2	2	2	86.0		
2005	8	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	63.5	
2005	9	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.9			
2005	10	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.7	1.7	3.8	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	3.4	1.9	1.9	1.8	1.7	1.7	1.7	1.7	1.7	59.9	
2005	11	1.7	1.7	1.7	1.7	1.7	1.7	1.7	2.6	5.7	2	2.9	3.8	2.9	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2		
2005	12	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	3.2	2	3.4	3.7	3.8	3.8	5.9	5.9	5.9	6.1	6.2	5.9	94.2	



## TABLAS DE CAUDALES MEDIOS MENSUALES (m<sup>3</sup>/s)

INSTITUTO NACIONAL DE METEOROLOGÍA E HIDROLOGÍA  
 UNIDAD ATENCIÓN AL USUARIO

CAUDALES MEDIOS MENSUALES (m<sup>3</sup>/s)

S E R I E S M E N S U A L E S

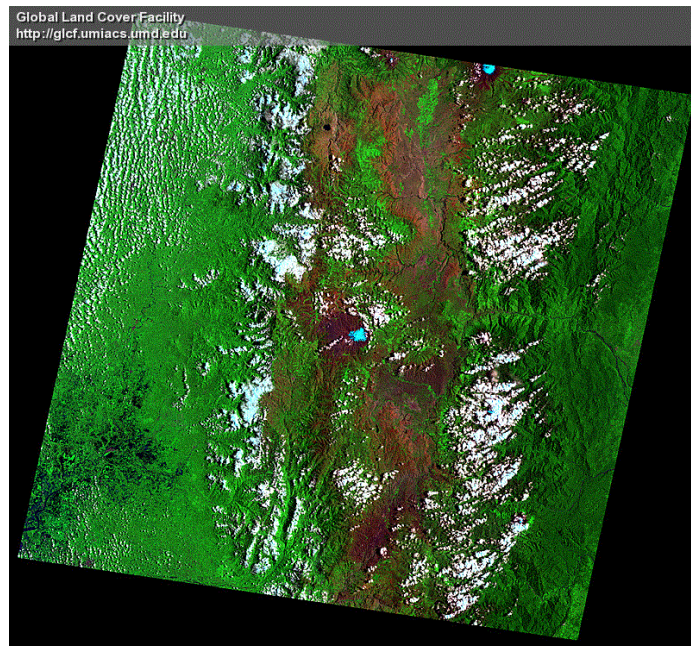
NOMBRE: TOACHI AJ BABA CODIGO: H414

PERIODO: 1960 - 2010 LATITUD: 0 40 27 S LONGITUD: 79 21 6 W ELEVACION: 151

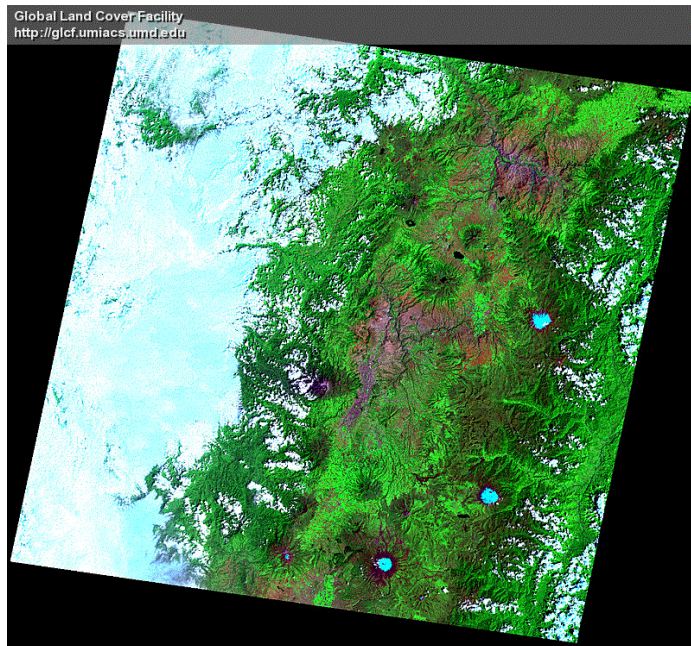
AÑOS	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC	SUMA	MEDIA
2003	128.775	151.91	161.556	164.667	64.059	19.454	12.125	6.404	3.451	4.139	3.937	8.479	728.956	60.746
2004	21.303	43.716	74.038	134.73	52.135	20.873	7.371	5.348	4.964	4.827	5.026	5.1	379.431	31.619
2005	14.417	66.117	89.111	87.837	25.226	5.204	2.775	2.049	1.775	1.934	2.192	3.041	301.678	25.139
2006	7.605	76.185	121.74	82.405	23.609	26.496	7.961	6.055	5.89	4.596	4.901	10.931	378.374	31.531
2007	39.791	41.391	36.462	68.856	52.85	31.75	12.635	7.423	5.279	4.399	3.832	4.41	309.078	25.756
2008	47.485	83.077	85.576	91.115	71.314	32.902	23.338	24.387	22.087	17.7	18.57	17.068	534.619	44.551
2009	34.304	99.981	108.148	39.599	27.37	16.528	10.897	33.563	6.214	5.58	4.772	8.293	395.249	32.937
2010	11.936	69.548	69.322	78.037	37.364	18.112								
media	37.753	65.754	72.244	76.907	38.856	18.759	10.935	11.382	7.826	12.587	17.074	17.602	387.684	32.307
minima	7.605	15.826	4.906	21.835	15.432	0.339	2.775	2.049	1.775	1.934	2.192	3.041	0.339	
maxima	128.775	151.91	161.556	164.667	71.314	32.902	23.338	33.563	22.087	65.876	99.168	86.877	164.667	



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